COLOR NOTES
Bold highlighted concentration indicates exceedance of the 15A NCAC 02L .0202
Bold highlighted concentration indicates exceedance of the Inactive Hazardous Sites
Bold highlighted concentration indicates exceedance of the Inactive Hazardous Sites
Bold highlighted concentration indicates exceedance of the Inactive Hazardous Sites
Bold highlighted concentration indicates exceedance of the current respective standard
Turbidity of Sample ≥ 10 NTUs
Provisional Background Threshold Values updated with Background Results through June
Analytical data review has not been completed for this dataset

ABBREVIATION NOTES
BGS - below ground surface
BOD - Biologic Oxygen Demand
CB - Compliance Boundary
COD - Chemical Oxygen Demand
Deg C - Degrees Celsius
DMAs - dimethylarsinic acid
DUP - Duplicate
EB - East Ash Basin
EEI - Eastern Extension Impoundment of the Ea
Eh - Redox Potential
ft - Feet
GPM - gallons per minute
GSA - Gypsum Storage Area
IMAC - Interim Maximum Allowable Concentrations - From the 15A NCAC 02L
MDC - Minimum Detectable Concentration
MeSe - Methylseleninic acid
meg/100g - millequivalents per 100 grams
mg/kg - milligrams per kilogram
mg/L - milligrams per liter
mg-N/L - Milligram nitrogen per liter
MMAs - monomethylarsonic acid
mV - millivolts
NA - Not available or Not Applicable
NE - Not established
NM - Not measured
NTUs - Nephelometric Turbidity Units

pCi/L - picocuries per liter
PSRG - Primary Soil Remediation Goals
RL - Reporting Limit
RR - Railroad
SeCN - selnocynante
SEI - Southern Extension Impoundment of the West Ash Basin
SeMe (IV) - Selenomethionine
Procedure
S.U. - Standard Units
TCLP - Toxicity Characteristic Leaching Procedure
ug/L - micrograms per liter
ug/mL - microgram per milliliter
umhos/cm - micromhos per centimenter
WB - West Ash Basin
Well Locations referenced to NAD83 and elevations referenced to NAVD88

TO THIS LIST (ALPHABETICALLY)

LABORATORY FLAGS
< - concentration not detected at or above the adjusted reporting limit.
^ - Federal MCL.
* - Interim Maximum Allowable Concentrations (IMACs) of the 15A NCAC 02L Standard
1g - Result confirmed by second analysis performed out of hold
2g - The concentration in the Blank QC is less than the reporting limit but greater than 1/2
B - Target analyte detected in method blank at or above the reporting limit. Target analyte
B1 - Target analyte detected in method blank at or above the reporting limit. Target analyte
B2 - Target analyte was detected in blank(s) at a concentration greater than 1/2 the reporting
B3 - Target analyte was detected in Continuing Calibration Blank(s) at a concentration greater
B4 - Target analyte was detected in Continuing Calibration Blank(s) at a concentration greater
B5 - Target analyte was present in blank(s) above the method detection limit but less than
B6 - Target analyte was detected in Continuing Calibration Blank(s) at a concentration greater
CH - The continuing calibration for this compound is outside of Pace Analytical
CL - The continuing calibration for this compoun
CR - The dissolved metal result was greater thar
CU - The continuing calibration for this compound is outside of Pace Analytical
D3 - Sample was diluted due to the presence of high levels of non-target analytes or other
D4 - Sample was diluted due to the presence of high levels of target analytes

D6 - The precision between the sample and sample duplicate exceeded laboratory control
E - %difference of sample and SD is >10%. Sample concentration must meet flagging
H - Sample analyzed past the recommended hol
H1 - Analysis conducted outside the EPA method holding time
H2 - Extraction or preparation conducted outside EPA method holding time
H3 - Sample was received or analysis requested beyond the recognized method
H6 - Analysis initiated outside of the 15 minute EPA required holding time
j - Estimated concentration above the adjusted method detection limit and below the adjusted
J3 - The sample matrix interfered with the ability to make any accurate determination
L1 - Analyte recovery in the laboratory control s
L2 - Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for
L3 - Analyte recovery in the laboratory control sample (LCS) exceeded quality control (QC)
M - Matrix spike / matrix spike dup failure.
M1 - Matrix spike recovery was high: the associa
M2 - Matrix spike recovery was Low: the associa
M4 - The spike recovery value was unusable since the analyte concentration in the sample
M6 - Matrix spike and Matrix spike duplicate rec
N1 - Nitrate analyzed on 11/5/15, but LCS and CCV recoveries were above the limits
N2 - The lab does not hold accreditation for this
ND - Not detected
P2 - Re-extraction or re-analysis could not be performed due to insufficient sample amount
P4 - Sample field preservation does not meet EPA or method recommendations for this
P8 - Analyte was detected in the method blank. All associated samples had
R1 - Relative Percent Difference (RPD) value wa
U – Analyte was analyzed for, but not detected a

DATA VALIDATION FLAGS
j- - Estimated concentration, biased low.
j+ - Estimated concentration, biased high.
R0 - The data are unusable. The sample results are rejected due to serious deficiencies in
S - Associated calibration check did not meet sp
S1 – Data review findings indicate result may be

POTENTIAL REASONS AN S1 FLAG IS ASSIC
There is contamination in field/equipment/trip blank(s) and the same analyte(s) are detected
Radium is detected in the field/equipment/trip blank(s) at a concentration greater than the

The Relative Percent Difference (RPD) between the sample and its field duplicate is greater
The dilution factor (DF) causes the Method Detection Limit (MDL) to be greater than the screening criteria (e.g. EPA Primary MCL, NCAC 02L Groundwater Standard, IMAC, NCAC 02B
The dilution factor (DF) causes the Reporting Detection Limit (RDL) to be greater screening criteria (e.g. EPA Primary MCL, NCAC 02L

d is outside of Pace Analytical accept

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ample (LCS) was above quality contı

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overy not evaluated against control l

e biased, however, data is usable.

:ance limits. The results may be bias
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imits due to sample dilution.

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ed high.

FACILITY NAME:	**ROXBORO**
DATE UPDATED:	**12/11/2019**
SPREADSHEET UPDATED BY:	**BRANDON RUSSO**
SPREADSHEET CHECKED BY:	**CRAIG EADY**

Sample ID	Location Description
ABMW-01	In WB
ABMW-01	In WB
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ABMW-07BRL	In EB
ABMW-07BRL	In EB
ABMW-07BRLL	In EB
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ABMW-07BRLL	In EB
BG-01	Southwest of WB, outside CB
BG-01	Southwest of WB, outside CB

BG-01	Southwest of WB, outside CB
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BG-01 CAMA	Southwest of WB, outside CB
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BG-01 IMP	Southwest of WB, outside CB
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BG-01BRL	Southwest of WB, outside CB
BG-01BRL	Southwest of WB, outside CB
BG-01BRLR	Southwest of WB, background, outside of CB
BG-01BRLR	Southwest of WB, background, outside of CB
BG-01BRLR	Southwest of WB, background, outside of CB
BG-01BRLR	Southwest of WB, background, outside of CB
BG-01BRLR	Southwest of WB, background, outside of CB
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BG-01BRLR	Southwest of WB, background, outside of CB
BG-01BRLR	Southwest of WB, background, outside of CB
BG-01BRLR	Southwest of WB, background, outside of CB
BG-01D	Southwest of WB, outside CB
BG-01D	Southwest of WB, outside CB
BG-01D	Southwest of WB, outside CB
BG-02BR	Southwest of WB outside of CB
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CCR-100BR	Edge of EB
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CCR-107BR	Edge of EB
CCR-107BR (Geochem Model)	Edge of EB
CCR-107BR	Edge of EB

CCR-107BR	Edge of EB
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CCR-108BR (Geochem Model)	Edge of EB
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CCR-110BR IMP	Edge of EB

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CCR-112BR-BG	East of EB, outside of CB
CCR-112BR-BG	East of EB, outside of CB
CCR-112BR-BG	East of EB, outside of CB
CCR-112BR-BG	East of EB, outside of CB
CCR-112BR-BG	East of EB, outside of CB
CCR-112BR-BG	East of EB, outside of CB
CCR-112BR-BG	East of EB, outside of CB
CCR-112BR-BG IMP	East of EB, outside of CB
CCR-113BR IMP	Downgradient of EB/Gypsum Storage Area
CCR-113BR	Downgradient of EB/Gypsum Storage Area
CCR-113BR IMP	Downgradient of EB/Gypsum Storage Area
CCR-113BR	Downgradient of EB/Gypsum Storage Area
CCR-113BR IMP	Downgradient of EB/Gypsum Storage Area
CCR-113BR IMP	Downgradient of EB/Gypsum Storage Area
CCR-113BR	Downgradient of EB/Gypsum Storage Area
CCR-113BR IMP	Downgradient of EB/Gypsum Storage Area
CCR-113D IMP	Downgradient of EB/Gypsum Storage Area
CCR-113D	Downgradient of EB/Gypsum Storage Area
CCR-113D IMP	Downgradient of EB/Gypsum Storage Area
CCR-113D	Downgradient of EB/Gypsum Storage Area
CCR-113D IMP	Downgradient of EB/Gypsum Storage Area
CCR-113D IMP	Downgradient of EB/Gypsum Storage Area

CCR-113D	Downgradient of EB/Gypsum Storage Area
CCR-113D IMP	Downgradient of EB/Gypsum Storage Area
CCR-200BR	Edge of WB
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CCR-202BR (Geochem Model)	Edge of WB
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CCR-202D	Edge of WB
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CCR-203D (Geochem Model)	Edge of WB
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CCR-219BR-BG IMP	---
CCR-219D-BG IMP	---
CPA-01BR	---
CPA-01D	---
CPA-01S	---
CPA-02BR	---

CPA-02D	---
CPA-02S	---
CPA-03BR	---
CPA-03D	---
CPA-04BR	---
CPA-04D	---
CPA-04S	---
CPA-05BR	---
CPA-05D	---
CPA-06BR	---
CPA-06D	---
CPA-06S	---
CW-01	North of EB on CB
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CW-01 CAMA	North of EB on CB
CW-01	North of EB on CB
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CW-01 CAMA	North of EB on CB
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CW-02	North of WB, shore of cooling pond, in CB
CW-02	North of WB, shore of cooling pond, in CB
CW-02	North of WB, shore of cooling pond, in CB
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CW-02 CAMA	North of WB, shore of cooling pond, in CB
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CW-02 CAMA	North of WB, shore of cooling pond, in CB
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CW-02	North of WB, shore of cooling pond, in CB
CW-02 CCR	North of WB, shore of cooling pond, in CB

CW-02 IMP	North of WB, shore of cooling pond, in CB
CW-02	North of WB, shore of cooling pond, in CB
CW-02 CCR	North of WB, shore of cooling pond, in CB
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CW-02D CAMA	North of WB, shore of cooling pond, in CB
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CW-02D	North of WB, shore of cooling pond, in CB
CW-03	On WB CB, on canal
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CW-03	On WB CB, on canal

CW-03D	On WB CB, on canal
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CW-03D CAMA	On WB CB, on canal
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CW-03D CAMA	On WB CB, on canal
CW-03D	On WB CB, on canal
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CW-04	Southwest of WB in CB
CW-04 CAMA	Southwest of WB in CB
CW-04	Southwest of WB in CB
CW-04	Southwest of WB in CB
CW-04 CAMA	Southwest of WB in CB
CW-04	Southwest of WB in CB
CW-04 IMP	Southwest of WB in CB
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CW-05	North of WB, on CB
CW-05	North of WB, on CB
CW-05 CAMA	North of WB, on CB
CW-05	North of WB, on CB
CW-05	North of WB, on CB
CW-05 CAMA	North of WB, on CB
CW-05	North of WB, on CB
CW-05 IMP	North of WB, on CB
CW-05	North of WB, on CB
CW-05 IMP	North of WB, on CB
CW-05	North of WB, on CB
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CW-05 IMP	North of WB, on CB
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CW-05 IMP	North of WB, on CB
CW-05	North of WB, on CB
CW-05 IMP	North of WB, on CB
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GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-01A CCR	Edge of EB
GMW-02 CCR	Edge of EB

GMW-02 CCR	Edge of EB
GMW-02 CCR	Edge of EB
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GMW-02 CCR	Edge of EB
GMW-02 CCR	Edge of EB
GMW-02 CCR	Edge of EB
GMW-02 CCR	Edge of EB
GMW-02 CCR	Edge of EB
GMW-02	Edge of EB
GMW-02 CCR	Edge of EB
GMW-06	North of EB in CB
GMW-06	North of EB in CB
GMW-06	North of EB in C

GMW-06 CCR	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06 CAMA	North of EB in CB
GMW-06	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06 CAMA	North of EB in CB
GMW-06	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06 IMP	North of EB in CB
GMW-06	North of EB in CB
GMW-06	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06 IMP	North of EB in CB
GMW-06	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06 IMP	North of EB in CB
GMW-06	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06 IMP	North of EB in CB
GMW-06	North of EB in CB
GMW-06 CCR	North of EB in CB
GMW-06	North of EB in CB
GMW-06	North of EB in CB
GMW-07	Western edge of EB in CB
GMW-07	Western edge of EB in CB
GMW-07	Western edge of EB in CB
GMW-07	Western edge of EB in CB
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GMW-07	Western edge of EB in CB
GMW-07 CAMA	Western edge of EB in CB
GMW-07	Western edge of EB in CB
GMW-07 CAMA	Western edge of EB in CB
GMW-07	Western edge of EB in CB
GMW-07	Western edge of EB in CB
GMW-07 IMP	Western edge of EB in CB
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GMW-08	Southern edge of EB in CB
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GMW-08	Southern edge of EB in CB
GMW-08 CAMA	Southern edge of EB in CB
GMW-08	Southern edge of EB in CB
GMW-08	Southern edge of EB in CB
GMW-08 CAMA	Southern edge of EB in CB
GMW-08	Southern edge of EB in CB
GMW-08	Southern edge of EB in CB
GMW-08 IMP	Southern edge of EB in CB
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GMW-08	Southern edge of EB in CB
GMW-08 IMP	Southern edge of EB in CB
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GMW-08R	Southern edge of EB in CB
GMW-08R	Southern edge of EB in CB
GMW-08R IMP	Southern edge of EB in CB
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GMW-08R	Southern edge of EB in CB
GMW-08R	Southern edge of EB in CB
GMW-09	Southeast edge of EB in CB
GMW-09	Southeast edge of EB in CB
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GMW-09	Southeast edge of EB in CB
GMW-09	Southeast edge of EB in CB
GMW-09 CCR	Southeast edge of EB in CB
GMW-09 CCR	Southeast edge of EB in CB
GMW-09 CCR	Southeast edge of EB in CB
GMW-09 CAMA	Southeast edge of EB in CB
GMW-09	Southeast edge of EB in CB
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GMW-09 CCR	Southeast edge of EB in CB
GMW-09 CAMA	Southeast edge of EB in CB
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GMW-09 IMP	Southeast edge of EB in CB
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GMW-09	Southeast edge of EB in CB
GMW-09 CCR	Southeast edge of EB in CB

GMW-09 IMP	Southeast edge of EB in CB
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GMW-10	Northern edge of EB in CB
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GMW-10 CCR	Northern edge of EB in CB

GMW-10 CAMA	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
GMW-10 CCR	Northern edge of EB in CB
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GMW-10 CCR	Northern edge of EB in CB
GMW-10 CAMA	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
GMW-10 CCR	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
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GMW-10 CCR	Northern edge of EB in CB
GMW-10 IMP	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
GMW-10 CCR	Northern edge of EB in CB
GMW-10 IMP	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
GMW-10 CCR	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
GMW-10 CCR	Northern edge of EB in CB
GMW-10 IMP	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
GMW-10 CCR	Northern edge of EB in CB
GMW-10 IMP	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
GMW-10 CCR	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
GMW-10	Northern edge of EB in CB
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GMW-11	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11 CAMA	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11 CAMA	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11 IMP	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11 IMP	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11 IMP	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11 IMP	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GMW-11	Northern edge of EB in CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D	Northwest of the GSA, edge of RR, outside of CB

GPMW-01D	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D CCR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D CCR	Northwest of the GSA, edge of RR, outside of CB
GPMW-01D	Northwest of the GSA, edge of RR, outside of CB
GPMW-01S	Northwest of the GSA, edge of RR, outside of CB
GPMW-01S	Northwest of the GSA, edge of RR, outside of CB
GPMW-01S	Northwest of the GSA, edge of RR, outside of CB
GPMW-01S	Northwest of the GSA, edge of RR, outside of CB
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GPMW-01S	Northwest of the GSA, edge of RR, outside of CB
GPMW-01S	Northwest of the GSA, edge of RR, outside of CB
GPMW-01S	Northwest of the GSA, edge of RR, outside of CB
GPMW-02BR	North of the GSA, edge of RR, outside of CB
GPMW-02BR	North of the GSA, edge of RR, outside of CB
GPMW-02BR	North of the GSA, edge of RR, outside of CB
GPMW-02BR	North of the GSA, edge of RR, outside of CB
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GPMW-02BR	North of the GSA, edge of RR, outside of CB
GPMW-02BR	North of the GSA, edge of RR, outside of CB
GPMW-02D	North of the GSA, edge of RR, outside of CB
GPMW-02D	North of the GSA, edge of RR, outside of CB
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GPMW-02D	North of the GSA, edge of RR, outside of CB
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GPMW-02D	North of the GSA, edge of RR, outside of CB
GPMW-03BR	North of the GSA, edge of RR, outside of CB
GPMW-03BR	North of the GSA, edge of RR, outside of CB
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GPMW-03BR	North of the GSA, edge of RR, outside of CB
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GPMW-03BR	North of the GSA, edge of RR, outside of CB
GPMW-03BR	North of the GSA, edge of RR, outside of CB
GPMW-03D	North of the GSA, edge of RR, outside of CB
GPMW-03D	North of the GSA, edge of RR, outside of CB
GPMW-03D	North of the GSA, edge of RR, outside of CB
GPMW-03D	North of the GSA, edge of RR, outside of CB
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GPMW-03D	North of the GSA, edge of RR, outside of CB
GPMW-03D	North of the GSA, edge of RR, outside of CB
HWMW-01BR	Toe of WB main dam, in CB
HWMW-01BR	Toe of WB main dam, in CB
HWMW-01BR	Toe of WB main dam, in CB
HWMW-01BR	Toe of WB main dam, in CB
MW-01	Toe of WB main dam, in CB
MW-01	Toe of WB main dam, in CB
MW-01	Toe of WB main dam, in CB
MW-01	Toe of WB main dam, in CB
MW-01	Toe of WB main dam, in CB
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MW-01	Toe of WB main dam, in CB
MW-01	Toe of WB main dam, in CB
MW-01	Toe of WB main dam, in CB

MW-01	Toe of WB main dam, in CB
MW-01BR	North of EB, on CB
MW-01BR	North of EB, on CB
MW-01BR	North of EB, on CB
MW-01BR	North of EB, on CB
MW-01BR	North of EB, on CB
MW-01BR	North of EB, on CB
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MW-01BR	North of EB, on CB
MW-01BR	North of EB, on CB
MW-01BR	North of EB, on CB
MW-01BR	North of EB, on CB
MW-01BRL	North of EB, on CB
MW-01BRL	North of EB, on CB
MW-01BRL	North of EB, on CB
MW-01BRL	North of EB, on CB
MW-02	Toe of WB main dam, in CB
MW-02	Toe of WB main dam, in CB
MW-02	Toe of WB main dam, in CB
MW-02	Toe of WB main dam, in CB
MW-02	Toe of WB main dam, in CB
MW-02	Toe of WB main dam, in CB
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MW-02	Toe of WB main dam, in CB
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MW-02	Toe of WB main dam, in CB
MW-02 CCR	Toe of WB main dam, in CB
MW-02 CCR	Toe of WB main dam, in CB
MW-02 CCR	Toe of WB main dam, in CB
MW-02 CCR	Toe of WB main dam, in CB
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MW-02 CCR	Toe of WB main dam, in CB
MW-02	Toe of WB main dam, in CB
MW-02 CCR	Toe of WB main dam, in CB
MW-02	Toe of WB main dam, in CB
MW-02 CCR	Toe of WB main dam, in CB
MW-02	Toe of WB main dam, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-02BR	Between EB and WB, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB

MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-03BR	In gypsum storage area, in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BR	Southwest of WB in CB
MW-04BRL	Southwest of WB, in CB
MW-04BRL	Southwest of WB, in CB
MW-05BR	North of WB, on CB
MW-05BR	North of WB, on CB
MW-05BR	North of WB, on CB
MW-05BR	North of WB, on CB
MW-05BR	North of WB, on CB
MW-05BR	North of WB, on CB
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MW-05BR	North of WB, on CB

MW-05BR	North of WB, on CB
MW-05BR	North of WB, on CB
MW-05BR	North of WB, on CB
MW-05D	North of WB, on CB
MW-05D	North of WB, on CB
MW-05D	North of WB, on CB
MW-05D	North of WB, on CB
MW-05D	North of WB, on CB
MW-05D	North of WB, on CB
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MW-05D	North of WB, on CB
MW-05D	North of WB, on CB
MW-05D	North of WB, on CB
MW-05D	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06BR	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-06D	North of WB, on CB
MW-07BR	West of WB, outside of CB

MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-07BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR CCR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-08BR CCR	West of WB, outside of CB
MW-08BR	West of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-09BR CCR	Northwest of WB, outside of CB

MW-09BR	Northwest of WB, outside of CB
MW-09BR CCR	Northwest of WB, outside of CB
MW-09BR	Northwest of WB, outside of CB
MW-108BRL	Edge of EB
MW-108BRL	Edge of EB
MW-108BRL	Edge of EB
MW-108BRL	Edge of EB
MW-108BRLL	Edge of EB
MW-108BRLL	Edge of EB
MW-108BRLL	Edge of EB
MW-108BRLL	Edge of EB
MW-10BR	South of CB
MW-10BR	South of CB
MW-10BR	South of CB
MW-10BR	South of CB
MW-10BR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-10BR CCR	South of CB
MW-10BR	South of CB
MW-11BR	North east of EB, in contractor lot

MW-11BR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11BR CCR	North east of EB, in contractor lot
MW-11BR	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D	North east of EB, in contractor lot
MW-11D	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot

MW-11D	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D	North east of EB, in contractor lot
MW-11D CCR	North east of EB, in contractor lot
MW-11D	North east of EB, in contractor lot
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-12BR	West of WB, in CB
MW-13BR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR CCR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR CCR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR CCR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR CCR	South of EB, outside of CB
MW-13BR CCR	South of EB, outside of CB
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MW-13BR CCR	South of EB, outside of CB
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MW-13BR CCR	South of EB, outside of CB
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MW-13BR CCR	South of EB, outside of CB
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MW-13BR CCR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR CCR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR CCR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB

MW-13BR CCR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-13BR CCR	South of EB, outside of CB
MW-13BR	South of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
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MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14BR	Northeast of EB, outside of CB
MW-14D	Northeast of EB, outside of CB
MW-14D	Northeast of EB, outside of CB
MW-14D	Northeast of EB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
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MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB

MW-15BR	Southwest of WB, outside of CB
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MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15BR CCR	Southwest of WB, outside of CB
MW-15BR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-15D CCR	Southwest of WB, outside of CB
MW-15D	Southwest of WB, outside of CB
MW-16BR	Southwest of EB, outside of CB

MW-16BR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-16BR CCR	Southwest of EB, outside of CB
MW-16BR	Southwest of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB

MW-17BR CCR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-17BR CCR	East of EB, outside of CB
MW-17BR	East of EB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB

MW-18BR CCR	Southeast of WB, outside of CB
MW-18BR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-18D CCR	Southeast of WB, outside of CB
MW-18D	Southeast of WB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB

MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-19BRL	South of EB, outside of CB
MW-205BRL	Edge of WB
MW-205BRL	Edge of WB
MW-205BRL	Edge of WB
MW-205BRL	Edge of WB
MW-205BRLL	Edge of WB
MW-205BRLL	Edge of WB
MW-205BRLL	Edge of WB
MW-205BRLL	Edge of WB
MW-205BRLLL	Edge of WB
MW-205BRLLL	Edge of WB
MW-205BRLLL	Edge of WB
MW-205BRLLL	Edge of WB
MW-208BRL	Edge of WB
MW-208BRL	Edge of WB
MW-208BRL	Edge of WB
MW-208BRL	Edge of WB
MW-208BRLL	Edge of WB
MW-208BRLL	Edge of WB
MW-208BRLL	Edge of WB
MW-208BRLL	Edge of WB
MW-208BRLLL	Edge of WB
MW-208BRLLL	Edge of WB
MW-208BRLLL	Edge of WB
MW-208BRLLL	Edge of WB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL CCR	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB
MW-20BRL CCR	East of EB, outside of CB
MW-20BRL	East of EB, outside of CB

MW-21BRL	Southern edge of EB, in CB
MW-21BRL	Southern edge of EB, in CB
MW-21BRLR	Southern edge of EB, in CB
MW-21BRLR	Southern edge of EB, in CB
MW-21BRLR	Southern edge of EB, in CB
MW-21BRLR	Southern edge of EB, in CB
MW-21BRLR	Southern edge of EB, in CB
MW-21BRLR	Southern edge of EB, in CB
MW-21BRLR	Southern edge of EB, in CB
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BR	Southwest edge of gypsum storage area
MW-22BRL	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-22D	Southwest edge of gypsum storage area
MW-23BR	East of EB, in CB
MW-23BR	East of EB, in CB
MW-23BR	East of EB, in CB
MW-23BR	East of EB, in CB
MW-23BRR	West of EB, adjacent to EEI, outside of CB
MW-23BRR	West of EB, adjacent to EEI, outside of CB
MW-23BRR	West of EB, adjacent to EEI, outside of CB

MW-23BRR	West of EB, adjacent to EEI, outside of CB
MW-23BRR	West of EB, adjacent to EEI, outside of CB
MW-23BRR	West of EB, adjacent to EEI, outside of CB
MW-23BRR	West of EB, adjacent to EEI, outside of CB
MW-23BRR	West of EB, adjacent to EEI, outside of CB
MW-23BRR CCR	West of EB, adjacent to EEI, outside of CB
MW-23BRR	West of EB, adjacent to EEI, outside of CB
MW-23BRR CCR	West of EB, adjacent to EEI, outside of CB
MW-23BRR	West of EB, adjacent to EEI, outside of CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-24BR	East of EB, in CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-25BR	East of EB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB

MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-26BR	Southeast of WB, outside of CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-27BR	North of EB, between EB and GSA, in CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-28BR	Northeast of the EB and GSA, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-29BR CCR	Northeast of the EB, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-29BR CCR	Northeast of the EB, outside of CB
MW-29BR	Northeast of the EB, outside of CB
MW-30BR	East of the EB, outside of CB
MW-30BR	East of the EB, outside of CB
MW-30BR	East of the EB, outside of CB
MW-30BR	East of the EB, outside of CB
MW-30BR	East of the EB, outside of CB
MW-30BR	East of the EB, outside of CB
MW-30BR	East of the EB, outside of CB
MW-30BR	East of the EB, outside of CB
MW-30BR CCR	East of the EB, outside of CB

MW-30BR	East of the EB, outside of CB
MW-30BR CCR	East of the EB, outside of CB
MW-30BR	East of the EB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-31BR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-32BR CCR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-32BR CCR	West of the WB, outside of CB
MW-32BR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-33BR CCR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-33BR CCR	West of the WB, outside of CB
MW-33BR	West of the WB, outside of CB
MW-34BR	Dry Fly Ash Handling Area
MW-34BR	Dry Fly Ash Handling Area
MW-34BR	Dry Fly Ash Handling Area
MW-34BR	Dry Fly Ash Handling Area
MW-34D	Dry Fly Ash Handling Area
MW-34D	Dry Fly Ash Handling Area
MW-34D	Dry Fly Ash Handling Area
MW-34D	Dry Fly Ash Handling Area

MW-35BR	Dry Fly Ash Handling Area
MW-35BR	Dry Fly Ash Handling Area
MW-35BR	Dry Fly Ash Handling Area
MW-35BR	Dry Fly Ash Handling Area
MW-35D	Dry Fly Ash Handling Area
MW-35D	Dry Fly Ash Handling Area
MW-35D	Dry Fly Ash Handling Area
MW-35D	Dry Fly Ash Handling Area
MW-35S	Dry Fly Ash Handling Area
MW-35S	Dry Fly Ash Handling Area
MW-35S	Dry Fly Ash Handling Area
MW-35S	Dry Fly Ash Handling Area
MW-36BR	Dry Fly Ash Handling Area
MW-36BR	Dry Fly Ash Handling Area
MW-36BR	Dry Fly Ash Handling Area
MW-36BR	Dry Fly Ash Handling Area
MW-36D	Dry Fly Ash Handling Area
MW-36D	Dry Fly Ash Handling Area
MW-36D	Dry Fly Ash Handling Area
MW-36D	Dry Fly Ash Handling Area
MW-37BR	Dry Fly Ash Handling Area
MW-37BR	Dry Fly Ash Handling Area
MW-37BR	Dry Fly Ash Handling Area
MW-37BR	Dry Fly Ash Handling Area
MW-37D	Dry Fly Ash Handling Area
MW-37D	Dry Fly Ash Handling Area
MW-37D	Dry Fly Ash Handling Area
MW-37D	Dry Fly Ash Handling Area
MW-37S	Dry Fly Ash Handling Area
MW-37S	Dry Fly Ash Handling Area
MW-37S	Dry Fly Ash Handling Area
MW-37S	Dry Fly Ash Handling Area
MW-39BR	South of WB, on CB
MW-39BR	South of WB, on CB
MW-39BR	South of WB, on CB
MW-39D	South of WB, on CB
MW-39D	South of WB, on CB
MW-39D	South of WB, on CB
MW-39D	South of WB, on CB
PZ-12	Edge of landfill, in CB
PZ-12	Edge of landfill, in CB
PZ-14	Edge of landfill, in CB
PZ-14	Edge of landfill, in CB
RO-01 (Vendor)	921 Shore Road Semora, NC 27343
RO-01 (Duke)	921 Shore Road Semora, NC 27343

RO-02 (Vendor)	399 Dunnaway Road Semora, NC 27343
RO-02 (Duke)	399 Dunnaway Road Semora, NC 27343
RO-03 (Vendor)	381 Dunnaway Road Semora, NC 27343
RO-03 (Duke)	381 Dunnaway Road Semora, NC 27343
RO-04 (Vendor)	156 The Johnson Lane Semora, NC 27343
RO-04 (Duke)	156 The Johnson Lane Semora, NC 27343
RO-07 (Vendor)	135 The Johnson Lane Semora, NC 27343
RO-07 (Duke)	135 The Johnson Lane Semora, NC 27343
RO-08 (Vendor)	285 Dunnaway Road Semora, NC 27343
RO-08 (Duke)	285 Dunnaway Road Semora, NC 27343
RO-1000	395 Archie Clayton Road, Roxboro, NC 27574
RO-1001	507 Archie Clayton Rd, Roxboro, NC
RO-1003	556 Daisy Thompson Rd, Roxboro, NC
RO-1004	7275 Semora Road, Semora, NC 27343
RO-1005	3962 McGhees Mill Rd, Semora, NC
RO-10-1 (Vendor)	7391 Semora Road Semora, NC 27343
RO-10-1 (Duke)	7391 Semora Road Semora, NC 27343
RO-10-1	7391 Semora Road Semora, NC 27343
RO-10-1	7391 Semora Road Semora, NC 27343
RO-10-1	7391 Semora Road Semora, NC 27343
RO-1010	246 Dunnaway Rd, Semora, NC
RO-1010A	246 Dunnaway Rd, Semora, NC
RO-1011	3853 McGhees Mill Rd, Semora, NC
RO-1012	4094 McGhees Mill Rd, Semora, NC 27343
RO-1013	3614 McGhees Mill Rd, Semora, NC
RO-1015	3854 McGhees Mill Rd, Semora, NC
RO-1016	3617 McGhees Mill Rd, Semora, NC
RO-1017	3893 McGhees Mill Road, Semora, NC 27343
RO-1018	3558 McGhees Mill Rd, Roxboro, NC
RO-10-2 (Vendor)	7391 Semora Road Semora, NC 27343
RO-10-2 (Duke)	7391 Semora Road Semora, NC 27343
RO-10-2	7391 Semora Road Semora, NC 27343
RO-1021	6601 Semora Rd, Semora, NC
RO-1023	436 Concord Ceffo Road, Roxboro, N.C. 27574
RO-1024	2869 Mcghees Mill Rd., Semora, NC 27343
RO-1025	2930 McGhees Mill Road, Roxboro, NC
RO-1026	268 Archie Clayton Rd Roxboro, NC
RO-1027	220 Archie Clayton Road, Roxboro, NC
RO-11 (Vendor)	225 Dunnaway Road Semora, NC 27343
RO-11 (Duke)	225 Dunnaway Road Semora, NC 27343
RO-12 (Vendor)	67 Dunnaway Road Semora, NC 27343
RO-12 (Duke)	67 Dunnaway Road Semora, NC 27343
RO-13 (Vendor)	3781 McGhees Mill Road, Semora, NC 27343
RO-13 (Duke)	3781 McGhees Mill Road, Semora, NC 27343
RO-14 (Vendor)	30 Long Point Road Semora, NC 27343

RO-14 (Duke)	30 Long Point Road Semora, NC 27343
RO-15 (Vendor)	3291 McGhees Mill Road, Semora, NC 27343
RO-15 (Duke)	3291 McGhees Mill Road, Semora, NC 27343
RO-16 (Vendor)	4165 McGhees Mill Road, Semora, NC 27343
RO-16 (Duke)	4165 McGhees Mill Road, Semora, NC 27343
RO2014-RAW	156 The Johnson Ln Semora NC 27343
RO2031-RAW	507 Archie Clayton Rd Roxboro NC 27574
RO2040-RAW3	7391 Semora Rd Semora NC 27343
RO2040-RAW4	7391 Semora Rd Semora NC 27343
RO2056-RAW	2931 McGhees Mill Rd Semora NC 27343

ABMW-03 DUP	In WB
ABMW-04 DUP	In EB
ABMW-07BR DUP	In EB
BG-01 DUP	Southwest of WB, outside CB
BG-01 DUP	Southwest of WB, outside CB
BG-01 DUP	Southwest of WB, outside CB
BG-01BRLR DUP	Southwest of WB, background, outside of CB
CCR-102BR DUP	Edge of EB
CCR-103BR DUP	Edge of EB
CCR-103BR DUP	Edge of EB
CCR-107BR DUP	Edge of EB
CCR-108BR DUP	Edge of EB
CCR-111BR DUP	Edge of EB
CCR-111BR DUP	Edge of EB
CCR-111BR DUP	Edge of EB
CCR-201BR DUP	Edge of WB
CCR-202D DUP	Edge of WB
CCR-203BR DUP	Edge of WB
CCR-204BR DUP	Edge of WB
CCR-208BR DUP	Edge of WB
CCR-208BR DUP	Edge of WB
CCR-208BR DUP	Edge of WB
CCR-208BR DUP	Edge of WB
CCR-211S DUP	Edge of WB
CCR-211S DUP	Edge of WB
CCR-213BR DUP	Edge of WB
CCR-215BR DUP	Edge of WB
CCR-215BR DUP	Edge of WB
CCR-215BR DUP	Edge of WB
CCR-217BR DUP	Edge of WB
CCR-217BR DUP	Edge of WB
CCR-218BR DUP	Edge of WB

CCR-218BR DUP	Edge of WB
CW-01 DUP	North of EB on CB
CW-01 DUP	North of EB on CB
CW-01 DUP	North of EB on CB
CW-02D DUP	North of WB, shore of cooling pond, in CB
CW-02D DUP	North of WB, shore of cooling pond, in CB
CW-02D DUP	North of WB, shore of cooling pond, in CB
CW-02D DUP	North of WB, shore of cooling pond, in CB
CW-02D DUP	North of WB, shore of cooling pond, in CB
CW-02D DUP	North of WB, shore of cooling pond, in CB
CW-02D DUP	North of WB, shore of cooling pond, in CB
CW-02D DUP	North of WB, shore of cooling pond, in CB
CW-02D DUP	North of WB, shore of cooling pond, in CB
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 CAMA DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 IMP DUP	On WB CB, on canal
CW-03 IMP DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-03 DUP	On WB CB, on canal
CW-04 DUP	Southwest of WB in CB
CW-04 DUP	Southwest of WB in CB
CW-04 DUP	Southwest of WB in CB
CW-05 DUP	North of WB, on CB
MW-14BR -EB	---
MW-11BR EB	---
AB-06 Geoprobe Equip blank	---
AB-05 Equip Blank Probe	---
AB-07 Equip Blank Probe	---
AB-04 Equip Blank Geoprobe	---
Rox-EB1-MW02	---
AB-07 Equip Blank Track	---
Rox-AB-02-EB	---
AB-05 Track EB	---
MW-01BR EB	---
EQUIP BLANK	---

EQUIP BLANK 02	---
MW-05 EB	---
Equipment Blank	---
MW-06 EB	---
Rinse Blank	---
MW-10BR EB	---
MW-16BR EB	---
BG-01BR EB	---
MW-07 EB	---
AB-04 Equip Blank	---
MW-15 Equip Blank	---
MW-17 Equip Blank	---
AB-03 EQUIPMENT BLANK	---
MW-08 EB	---
ABMW-01 EQUIPMENT BLANK	---
AB-01BR EQUIPMENT BLANK	---
MW-12 EB	---
MW-09 EB	---
AB-02	---
ABMW-03BR	---
MW-03BR EB	---
Equipment Blank	---
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FB-02 CCR	---
FB-03 CCR	---
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GMW-01A CCR DUP	Edge of EB
GMW-01A CCR DUP	Edge of EB
GMW-01A CCR DUP	Edge of EB
GMW-01A CCR DUP	Edge of EB
GMW-06 DUP	North of EB in CB
GMW-06 DUP	North of EB in CB
GMW-06 DUP	North of EB in CB
GMW-06 DUP	North of EB in CB
GMW-06 DUP	North of EB in CB
GMW-06 DUP	North of EB in CB
GMW-08 DUP	Southern edge of EB in CB
GMW-09 DUP	Southeast edge of EB in CB
GMW-09 DUP	Southeast edge of EB in CB
GMW-09 DUP	Southeast edge of EB in CB
GMW-09 DUP	Southeast edge of EB in CB
GMW-09 DUP	Southeast edge of EB in CB
GMW-09 CAMA DUP	Southeast edge of EB in CB
GMW-09 DUP	Southeast edge of EB in CB
GMW-09 CCR DUP	Southeast edge of EB in CB
GMW-09 CCR DUP	Southeast edge of EB in CB
GMW-09 IMP DUP	Southeast edge of EB in CB
GMW-09 CCR DUP	Southeast edge of EB in CB
GMW-09 CCR DUP	Southeast edge of EB in CB

GMW-09 DUP	Southeast edge of EB in CB
GMW-09 CCR DUP	Southeast edge of EB in CB
GMW-10 DUP	Northern edge of EB in CB
GMW-10 DUP	Northern edge of EB in CB
GMW-10 DUP	Northern edge of EB in CB
GMW-11 DUP	Northern edge of EB in CB
GMW-11 DUP	Northern edge of EB in CB
GMW-11 DUP	Northern edge of EB in CB
GPMW-01BR DUP	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR DUP	Northwest of the GSA, edge of RR, outside of CB
GPMW-01BR DUP	Northwest of the GSA, edge of RR, outside of CB
GPMW-02BR DUP	North of the GSA, edge of RR, outside of CB
GPMW-02BR DUP	North of the GSA, edge of RR, outside of CB
GPMW-02BR DUP	North of the GSA, edge of RR, outside of CB
GPMW-02D DUP	North of the GSA, edge of RR, outside of CB
GPMW-02D DUP	North of the GSA, edge of RR, outside of CB
GPMW-03D DUP	North of the GSA, edge of RR, outside of CB
MW-03BR DUP	In gypsum storage area, in CB
MW-06BR DUP	North of WB, on CB
MW-06BR DUP	North of WB, on CB
MW-09BR DUP	Northwest of WB, outside of CB
MW-10BR DUP	South of CB
MW-12BR DUP	West of WB, in CB
MW-13BR DUP	South of EB, outside of CB
MW-13BR DUP	South of EB, outside of CB
MW-13BR CCR DUP	South of EB, outside of CB
MW-13BR DUP	South of EB, outside of CB
MW-13BR CCR DUP	South of EB, outside of CB
MW-13BR CCR DUP	South of EB, outside of CB
MW-13BR CCR DUP	South of EB, outside of CB
MW-14BR DUP	Northeast of EB, outside of CB
MW-15D DUP	Southwest of WB, outside of CB
MW-16BR CCR DUP	Southwest of EB, outside of CB
MW-16BR CCR DUP	Southwest of EB, outside of CB
MW-18BR DUP	Southeast of WB, outside of CB
MW-18BR CCR DUP	Southeast of WB, outside of CB
MW-19BRL DUP	South of EB, outside of CB
MW-19BRL DUP	South of EB, outside of CB
MW-205BRL DUP	Edge of WB
MW-205BRLL DUP	Edge of WB
MW-205BRLLL DUP	Edge of WB
MW-20BRL DUP	East of EB, outside of CB
MW-20BRL DUP	East of EB, outside of CB
MW-20BRL DUP	East of EB, outside of CB
MW-20BRL DUP	East of EB, outside of CB

MW-20BRL DUP	East of EB, outside of CB
MW-20BRL DUP	East of EB, outside of CB
MW-22D DUP	Southwest edge of gypsum storage area
MW-25BR DUP	East of EB, outside of CB
MW-25BR DUP	East of EB, outside of CB
MW-25BR DUP	East of EB, outside of CB
MW-26BR DUP	Southeast of WB, outside of CB
MW-30BR DUP	East of the EB, outside of CB
MW-30BR DUP	East of the EB, outside of CB
MW-31BR DUP	West of the WB, outside of CB
MW-31BR DUP	West of the WB, outside of CB
MW-31BR DUP	West of the WB, outside of CB
MW-31BR DUP	West of the WB, outside of CB
MW-32BR DUP	West of the WB, outside of CB
Potable	---
Potable Second Source	---
TRIP BLANK	---
TRIP BLANK	---
TRIP BLANK	---
TRIP BLANK	---
TRIP BLANK	---
Trip Blank	---
TRIP BLANK	---
TRIP BLANK	---
TRIP BLANK	---
TRIP BLANK	---
TRIP BLANK	---
TRIP BLANK	---
TRIP BLANK	---
TRIP BLANK	---
Hg Trip Blank	---
Hg Trip Blank	---
Hg Trip Blank	---
Hg Trip Blank	---
Hg Trip Blank	---
Hg Trip Blank	---

Associated Unit	Location With Respect to Groundwater Flow Direction	Sample Media	Well Screen Location	Sample Location Aquifer Name	Top of Casing Elevation (FEET)
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	470.58
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60

West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	470.60
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.73
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.68
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75

West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.87
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	471.90
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14

East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	500.14
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	480.03
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98

East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.98
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	481.13
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	481.19

East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	479.33
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	479.33
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	479.33
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	479.33
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	479.33
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	479.33
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	479.33
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	479.33
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	479.33
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.43
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	482.80
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	482.80
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	482.80
Background	Background	Water	Transition Zone	Transition Zone	533.74
Background	Background	Water	Transition Zone	Transition Zone	533.74

Background	Background	Water	Transition Zone	Transition Zone	533.74

Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	534.68
Background	Background	Water	Bedrock	Bedrock	519.99
Background	Background	Water	Bedrock	Bedrock	519.99
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Bedrock	Bedrock	521.36
Background	Background	Water	Transition Zone	Transition Zone	534.50
Background	Background	Water	Transition Zone	Transition Zone	534.50
Background	Background	Water	Transition Zone	Transition Zone	534.50
Background	Background	Water	Bedrock	Bedrock	534.54
Background	Background	Water	Bedrock	Bedrock	534.54
Background	Background	Water	Bedrock	Bedrock	534.54
Background	Background	Water	Bedrock	Bedrock	534.54
Background	Background	Water	Bedrock	Bedrock	534.54
Background	Background	Water	Bedrock	Bedrock	534.54
Background	Background	Water	Bedrock	Bedrock	534.54
Background	Background	Water	Bedrock	Bedrock	534.54
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73

East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	490.73
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	490.56
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	454.34
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15

East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	454.15
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West Ash Basin	Downgradient	Water	Saprolite	Saprolite	472.84
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	472.84
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	472.84
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
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West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.11
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12

West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	474.12
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	473.76
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	473.76
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	473.76
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West Ash Basin	Downgradient	Water	Bedrock	Bedrock	473.76
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	473.76
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	473.90
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	473.90
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	473.90
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	473.90
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	473.90
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West Ash Basin	Downgradient	Water	Bedrock	Bedrock	478.24
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West Ash Basin	Downgradient	Water	Bedrock	Bedrock	504.52
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West Ash Basin	Downgradient	Water	Bedrock	Bedrock	485.62
---	---	Water	Bedrock	Bedrock	---
---	---	Water	Transition Zone	Transition Zone	---
Coal Pile Area	---	Water	Bedrock	Bedrock	438.77
Coal Pile Area	---	Water	Transition Zone	Transition Zone	439.16
Coal Pile Area	---	Water	Saprolite	Saprolite	439.24
Coal Pile Area	---	Water	Bedrock	Bedrock	431.72

Coal Pile Area	---	Water	Transition Zone	Transition Zone	431.71
Coal Pile Area	---	Water	Saprolite	Saprolite	431.56
Coal Pile Area	---	Water	Bedrock	Bedrock	437.06
Coal Pile Area	---	Water	Transition Zone	Transition Zone	436.67
Coal Pile Area	---	Water	Bedrock	Bedrock	437.55
Coal Pile Area	---	Water	Transition Zone	Transition Zone	438.53
Coal Pile Area	---	Water	Saprolite	Saprolite	437.54
Coal Pile Area	---	Water	Bedrock	Bedrock	435.20
Coal Pile Area	---	Water	Transition Zone	Transition Zone	434.02
Coal Pile Area	---	Water	Bedrock	Bedrock	437.90
Coal Pile Area	---	Water	Transition Zone	Transition Zone	438.10
Coal Pile Area	---	Water	Saprolite	Saprolite	436.56
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	508.24
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	508.24
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	508.24
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West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	424.60

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West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	424.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock

West Ash Basin	Downgradient	Water	Bedrock	Bedrock	424.60
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
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West Ash Basin	Downgradient	Water	Bedrock	Bedrock	451.61
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West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	459.74
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East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	436.51
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East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	436.51
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	436.51
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East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	436.51
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	424.07

East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	424.07
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	424.07

East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	478.36
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East Ash Basin	Downgradient	Water	Bedrock	Bedrock	496.55
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	437.41
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	437.41
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Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	437.41
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Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	437.41
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	437.49
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	437.49
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	437.49

Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	437.49
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Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	437.49
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	437.49
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	437.49
Gypsum Storage Area	Downgradient	Water	Saprolite	Saprolite	437.30
Gypsum Storage Area	Downgradient	Water	Saprolite	Saprolite	437.30
Gypsum Storage Area	Downgradient	Water	Saprolite	Saprolite	437.30
Gypsum Storage Area	Downgradient	Water	Saprolite	Saprolite	437.30
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Gypsum Storage Area	Downgradient	Water	Saprolite	Saprolite	437.30
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Gypsum Storage Area	Downgradient	Water	Saprolite	Saprolite	437.30
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	436.48
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	436.48
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Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	436.48
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	436.31
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Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	436.31
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	435.66
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	435.66
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Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	435.66

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Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	435.66
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	435.42

West Ash Basin	Downgradient	Water	Saprolite	Saprolite	422.45
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	507.86
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	507.86
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West Ash Basin	Downgradient	Water	Saprolite	Saprolite	423.20
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	423.20
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West Ash Basin	Downgradient	Water	Saprolite	Saprolite	423.20
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	493.79
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	493.79
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West Ash Basin	Downgradient	Water	Bedrock	Bedrock	493.79
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	452.77
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	452.77
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	452.77

East Ash Basin	Downgradient	Water	Bedrock	Bedrock	452.77
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West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	458.71
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East Ash Basin	Downgradient	Water	Bedrock	Bedrock	467.84

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Background	Background	Water	Transition Zone	Transition Zone	508.72

East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	520.81
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East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	534.84

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Background	Background	Water	Bedrock	Bedrock	532.94
Background	Background	Water	Transition Zone	Transition Zone	532.96

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Background	Background	Water	Bedrock	Bedrock	564.32
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.68
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East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	529.59
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	529.59
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	528.61
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	528.61
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	528.61
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	528.61
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	528.61
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	528.61
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	528.61
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.00
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	474.08
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	518.93
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	518.93
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	518.93
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	518.93
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82

East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	523.82
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	527.07
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29

West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	484.04
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	484.04
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	484.04
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	484.04
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	484.04
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	484.04
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	484.04
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	484.04
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	484.04
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	477.03
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	477.03
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	477.03
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	477.03
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	477.03
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	477.03
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	477.03
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	477.03
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	477.03
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	499.09
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95

East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	520.12
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.39
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.39
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.39
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.39
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	445.37
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	445.37
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	445.37
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	445.37

East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.35
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.35
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.35
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.35
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	446.42
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	446.42
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	446.42
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	446.42
East Ash Basin	Downgradient	Water	Saprolite	Saprolite	446.18
East Ash Basin	Downgradient	Water	Saprolite	Saprolite	446.18
East Ash Basin	Downgradient	Water	Saprolite	Saprolite	446.18
East Ash Basin	Downgradient	Water	Saprolite	Saprolite	446.18
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.16
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.16
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.16
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	446.16
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	446.32
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	446.32
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	446.32
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	446.32
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	449.89
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	449.89
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	449.89
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	449.89
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	450.23
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	450.23
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	450.23
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	450.23
East Ash Basin	Downgradient	Water	Saprolite	Saprolite	450.23
East Ash Basin	Downgradient	Water	Saprolite	Saprolite	450.23
East Ash Basin	Downgradient	Water	Saprolite	Saprolite	450.23
East Ash Basin	Downgradient	Water	Saprolite	Saprolite	450.23
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	516.13
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	516.13
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	516.13
West Ash Basin	Upgradient	Water	Transition Zone	Transition Zone	515.89
West Ash Basin	Upgradient	Water	Transition Zone	Transition Zone	515.89
West Ash Basin	Upgradient	Water	Transition Zone	Transition Zone	515.89
West Ash Basin	Upgradient	Water	Transition Zone	Transition Zone	515.89
East Ash Basin	Downgradient	Water	---	---	514.41
East Ash Basin	Downgradient	Water	---	---	514.41
East Ash Basin	Downgradient	Water	---	---	471.74
East Ash Basin	Downgradient	Water	---	---	471.74
Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---

Private Well	Upgradient	Water	Bedrock	Bedrock	---

Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---
Private Well	Upgradient	Water	Bedrock	Bedrock	---

QC SAMPLE RESULTS

West Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	471.75
East Ash Basin	Downgradient	Water	Ash Pore Water	Ash Pore Water	500.14
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.29
Background	Background	Water	Transition Zone	Transition Zone	533.74
Background	Background	Water	Transition Zone	Transition Zone	533.74
Background	Background	Water	Transition Zone	Transition Zone	533.74
Background	Background	Water	Bedrock	Bedrock	521.36
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	437.13
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	425.53
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	425.53
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	502.31
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	521.02
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	510.18
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	510.18
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	510.18
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	493.86
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	455.86
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	416.97
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	428.17
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	473.47
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	473.47
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	473.47
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	473.47
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	473.90
West Ash Basin	Downgradient	Water	Saprolite	Saprolite	473.90
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	503.85
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	514.43
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	514.43
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	514.43
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	469.79
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	469.79
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	485.62

West Ash Basin	Downgradient	Water	Bedrock	Bedrock	485.62
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	508.24
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	508.24
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	508.24
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	424.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	424.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	424.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	424.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	424.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	424.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	424.60
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	424.60
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	451.79
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.65
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.65
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	479.65
West Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	459.74
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East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	436.51
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	436.51
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	436.51
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	436.51
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	478.36
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	478.36
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	478.36
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	478.36
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	478.36
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	478.36
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	528.55
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52

East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	536.52
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	494.41
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	494.41
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	494.41
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	496.55
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	496.55
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	496.55
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	437.41
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	437.41
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	437.41
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	436.48
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	436.48
Gypsum Storage Area	Downgradient	Water	Bedrock	Bedrock	436.48
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	436.31
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	436.31
Gypsum Storage Area	Downgradient	Water	Transition Zone	Transition Zone	435.42
East Ash Basin	Downgradient	Water	Bedrock	Bedrock	452.77
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	417.73
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	417.73
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	450.17
Background	Background	Water	Bedrock	Bedrock	536.23
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	456.45
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	553.28
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	553.28
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	553.28
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	553.28
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	553.28
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	553.28
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	553.28
Background	Background	Water	Bedrock	Bedrock	513.34
Background	Background	Water	Transition Zone	Transition Zone	508.72
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	520.81
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	520.81
Background	Background	Water	Bedrock	Bedrock	532.94
Background	Background	Water	Bedrock	Bedrock	532.94
Background	Background	Water	Bedrock	Bedrock	564.32
Background	Background	Water	Bedrock	Bedrock	564.32
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	479.68
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.35
West Ash Basin	Downgradient	Water	Bedrock	Bedrock	480.85
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	487.11
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	487.11
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	487.11
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	487.11

East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	487.11
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	487.11
East Ash Basin	Downgradient	Water	Transition Zone	Transition Zone	474.05
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
East Ash Basin	Sidegradient	Water	Bedrock	Bedrock	543.38
West Ash Basin	Sidegradient	Water	Bedrock	Bedrock	521.29
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
East Ash Basin	Upgradient	Water	Bedrock	Bedrock	523.95
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	505.40
West Ash Basin	Upgradient	Water	Bedrock	Bedrock	512.04
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Reporting Units	**S.U.**
15A NCAC 02L Standard	**6.5-8.5**
Provisional Background Threshold Values (Transition Zone Unit)	**6.3-7.6**
Provisional Background Threshold Values (Bedrock Unit)	**6.8-8.3**

Ground Elevation (FEET)	Top of Well Screen Elevation (FEET)	Bottom of Well Screen Elevation (FEET)	Latitude	Longitude	Sample Collection Date	pH
467.57	402.57	397.57	36.47467497	-79.07633377	05/28/2015	**10.0**
467.57	402.57	397.57	36.47467497	-79.07633377	06/02/2015	**9.9**
467.57	402.57	397.57	36.47467497	-79.07633377	06/24/2015	**9.9**
467.57	402.57	397.57	36.47467497	-79.07633377	09/14/2015	**8.8**
467.57	402.57	397.57	36.47467497	-79.07633377	12/04/2015	**9.6**
467.57	402.57	397.57	36.47467497	-79.07633377	01/06/2016	**10.1**
467.57	402.57	397.57	36.47467497	-79.07633377	01/07/2016	**9.6**
467.57	402.57	397.57	36.47467497	-79.07633377	09/21/2016	**9.7**
467.57	402.57	397.57	36.47467497	-79.07633377	11/15/2016	**9.3**
467.57	402.57	397.57	36.47467497	-79.07633377	02/09/2017	**9.5**
467.57	402.57	397.57	36.47467497	-79.07633377	04/18/2017	**9.9**
467.57	402.57	397.57	36.47467497	-79.07633377	07/25/2017	**9.5**
467.57	402.57	397.57	36.47467497	-79.07633377	11/16/2017	**10.1**
467.57	402.57	397.57	36.47467497	-79.07633377	01/30/2018	8.3
467.57	402.57	397.57	36.47467497	-79.07633377	04/10/2018	**9.5**
467.57	402.57	397.57	36.47467497	-79.07633377	07/26/2018	**9.6**
467.57	402.57	397.57	36.47467497	-79.07633377	11/15/2018	**9.7**
467.57	402.57	397.57	36.47467497	-79.07633377	04/23/2019	**9.2**
467.57	402.57	397.57	36.47467497	-79.07633377	10/24/2019	**9.8**
467.66	359.66	349.66	36.47467572	-79.07635114	05/28/2015	6.9
467.66	359.66	349.66	36.47467572	-79.07635114	06/24/2015	6.8
467.66	359.66	349.66	36.47467572	-79.07635114	09/14/2015	7.4
467.66	359.66	349.66	36.47467572	-79.07635114	12/04/2015	6.8
467.66	359.66	349.66	36.47467572	-79.07635114	01/06/2016	7.1
467.66	359.66	349.66	36.47467572	-79.07635114	01/07/2016	7.0
467.66	359.66	349.66	36.47467572	-79.07635114	09/21/2016	6.9
467.66	359.66	349.66	36.47467572	-79.07635114	11/15/2016	6.9
467.66	359.66	349.66	36.47467572	-79.07635114	02/09/2017	7.1
467.66	359.66	349.66	36.47467572	-79.07635114	04/18/2017	7.0
467.66	359.66	349.66	36.47467572	-79.07635114	07/25/2017	6.8

467.66	359.66	349.66	36.47467572	-79.07635114	11/16/2017	7.2
467.66	359.66	349.66	36.47467572	-79.07635114	01/30/2018	7.1
467.66	359.66	349.66	36.47467572	-79.07635114	04/10/2018	6.8
467.66	359.66	349.66	36.47467572	-79.07635114	07/26/2018	7.3
467.66	359.66	349.66	36.47467572	-79.07635114	11/15/2018	7.1
467.66	359.66	349.66	36.47467572	-79.07635114	04/23/2019	**6.5**
467.66	359.66	349.66	36.47467572	-79.07635114	10/24/2019	6.9
469.00	398.30	393.30	36.47126790	-79.07442699	06/02/2015	**9.1**
469.00	398.30	393.30	36.47126790	-79.07442699	06/24/2015	**9.1**
469.00	398.30	393.30	36.47126790	-79.07442699	09/14/2015	**9.3**
469.00	398.30	393.30	36.47126790	-79.07442699	12/05/2015	**9.1**
469.00	398.30	393.30	36.47126790	-79.07442699	01/05/2016	**9.2**
469.00	398.30	393.30	36.47126790	-79.07442699	09/21/2016	8.0
469.00	398.30	393.30	36.47126790	-79.07442699	11/15/2016	8.5
469.00	398.30	393.30	36.47126790	-79.07442699	02/09/2017	8.2
469.00	398.30	393.30	36.47126790	-79.07442699	04/17/2017	6.6
469.00	398.30	393.30	36.47126790	-79.07442699	07/26/2017	7.1
469.00	398.30	393.30	36.47126790	-79.07442699	11/16/2017	6.9
469.00	398.30	393.30	36.47126790	-79.07442699	01/29/2018	8.4
469.00	398.30	393.30	36.47126790	-79.07442699	04/10/2018	8.4
469.00	398.30	393.30	36.47126790	-79.07442699	07/25/2018	8.4
469.00	398.30	393.30	36.47126790	-79.07442699	11/15/2018	7.3
469.00	398.30	393.30	36.47126790	-79.07442699	04/23/2019	**6.4**
469.00	398.30	393.30	36.47126790	-79.07442699	10/24/2019	8.4
468.94	370.14	365.14	36.47128211	-79.07441006	05/28/2015	7.9
468.94	370.14	365.14	36.47128211	-79.07441006	06/24/2015	**9.5**
468.94	370.14	365.14	36.47128211	-79.07441006	09/14/2015	**11.8**
468.94	370.14	365.14	36.47128211	-79.07441006	12/05/2015	**12.1**
468.94	370.14	365.14	36.47128211	-79.07441006	01/06/2016	**11.4**
468.94	370.14	365.14	36.47128211	-79.07441006	09/21/2016	**11.9**
468.94	370.14	365.14	36.47128211	-79.07441006	11/15/2016	7.7
468.94	370.14	365.14	36.47128211	-79.07441006	02/09/2017	**9.1**
468.94	370.14	365.14	36.47128211	-79.07441006	04/17/2017	7.9
468.94	370.14	365.14	36.47128211	-79.07441006	07/26/2017	8.2
468.94	370.14	365.14	36.47128211	-79.07441006	11/16/2017	**9.1**
468.94	370.14	365.14	36.47128211	-79.07441006	01/29/2018	**9.6**
468.94	370.14	365.14	36.47128211	-79.07441006	04/10/2018	7.5
468.94	370.14	365.14	36.47128211	-79.07441006	07/25/2018	7.6
468.94	370.14	365.14	36.47128211	-79.07441006	11/15/2018	7.7
468.94	370.14	365.14	36.47128211	-79.07441006	04/23/2019	7.0
468.94	370.14	365.14	36.47128211	-79.07441006	10/24/2019	7.4
468.18	465.18	460.18	36.47673878	-79.07539491	05/26/2015	**4.0**
468.18	465.18	460.18	36.47673878	-79.07539491	06/24/2015	**4.0**
468.18	465.18	460.18	36.47673878	-79.07539491	09/14/2015	**6.2**
468.18	465.18	460.18	36.47673878	-79.07539491	09/21/2016	**3.9**

468.18	465.18	460.18	36.47673878	-79.07539491	11/15/2016	**3.6**
468.18	465.18	460.18	36.47673878	-79.07539491	02/08/2017	**3.7**
468.18	465.18	460.18	36.47673878	-79.07539491	04/18/2017	**3.2**
468.18	465.18	460.18	36.47673878	-79.07539491	07/26/2017	**3.5**
468.18	465.18	460.18	36.47673878	-79.07539491	11/16/2017	**3.7**
468.18	465.18	460.18	36.47673878	-79.07539491	01/29/2018	**3.9**
468.18	465.18	460.18	36.47673878	-79.07539491	04/10/2018	**3.4**
468.18	465.18	460.18	36.47673878	-79.07539491	07/26/2018	**3.4**
468.18	465.18	460.18	36.47673878	-79.07539491	11/14/2018	**3.4**
468.18	465.18	460.18	36.47673878	-79.07539491	04/30/2019	**3.7**
468.18	465.18	460.18	36.47673878	-79.07539491	10/24/2019	**3.8**
468.22	421.22	411.22	36.47674122	-79.07537930	05/26/2015	**5.9**
468.22	421.22	411.22	36.47674122	-79.07537930	06/24/2015	**5.8**
468.22	421.22	411.22	36.47674122	-79.07537930	09/14/2015	**6.0**
468.22	421.22	411.22	36.47674122	-79.07537930	09/21/2016	**5.5**
468.22	421.22	411.22	36.47674122	-79.07537930	11/15/2016	**5.5**
468.22	421.22	411.22	36.47674122	-79.07537930	02/08/2017	**5.5**
468.22	421.22	411.22	36.47674122	-79.07537930	04/18/2017	**5.5**
468.22	421.22	411.22	36.47674122	-79.07537930	07/26/2017	**5.5**
468.22	421.22	411.22	36.47674122	-79.07537930	11/16/2017	**5.5**
468.22	421.22	411.22	36.47674122	-79.07537930	01/29/2018	**5.5**
468.22	421.22	411.22	36.47674122	-79.07537930	04/10/2018	**5.3**
468.22	421.22	411.22	36.47674122	-79.07537930	07/26/2018	**5.6**
468.22	421.22	411.22	36.47674122	-79.07537930	11/14/2018	**5.5**
468.22	421.22	411.22	36.47674122	-79.07537930	04/30/2019	**5.5**
468.22	421.22	411.22	36.47674122	-79.07537930	10/24/2019	**5.8**
468.27	233.26	223.26	36.47676000	-79.07540000	06/22/2016	7.9
468.27	233.26	223.26	36.47676000	-79.07540000	07/27/2016	8.0
468.27	233.26	223.26	36.47676000	-79.07540000	09/21/2016	7.9
468.27	233.26	223.26	36.47676000	-79.07540000	11/15/2016	7.7
468.27	233.26	223.26	36.47676000	-79.07540000	02/09/2017	7.7
468.27	233.26	223.26	36.47676000	-79.07540000	04/18/2017	7.2
468.27	233.26	223.26	36.47676000	-79.07540000	07/26/2017	7.9
468.27	233.26	223.26	36.47676000	-79.07540000	11/16/2017	**9.2**
468.27	233.26	223.26	36.47676000	-79.07540000	01/29/2018	8.1
468.27	233.26	223.26	36.47676000	-79.07540000	04/10/2018	7.8
468.27	233.26	223.26	36.47676000	-79.07540000	07/26/2018	7.8
468.27	233.26	223.26	36.47676000	-79.07540000	11/14/2018	7.3
468.27	233.26	223.26	36.47676000	-79.07540000	04/30/2019	7.7
468.27	233.26	223.26	36.47676000	-79.07540000	10/24/2019	7.7
497.30	454.30	449.30	36.47883534	-79.06504291	05/28/2015	7.1
497.30	454.30	449.30	36.47883534	-79.06504291	05/29/2015	7.1
497.30	454.30	449.30	36.47883534	-79.06504291	06/29/2015	7.2
497.30	454.30	449.30	36.47883534	-79.06504291	09/15/2015	7.1
497.30	454.30	449.30	36.47883534	-79.06504291	12/03/2015	7.0

497.30	454.30	449.30	36.47883534	-79.06504291	01/06/2016	6.9
497.30	454.30	449.30	36.47883534	-79.06504291	09/22/2016	7.1
497.30	454.30	449.30	36.47883534	-79.06504291	11/16/2016	7.0
497.30	454.30	449.30	36.47883534	-79.06504291	02/06/2017	7.0
497.30	454.30	449.30	36.47883534	-79.06504291	04/18/2017	6.8
497.30	454.30	449.30	36.47883534	-79.06504291	07/25/2017	6.8
497.30	454.30	449.30	36.47883534	-79.06504291	11/15/2017	7.0
497.30	454.30	449.30	36.47883534	-79.06504291	01/31/2018	6.9
497.30	454.30	449.30	36.47883534	-79.06504291	04/12/2018	6.9
497.30	454.30	449.30	36.47883534	-79.06504291	07/26/2018	**5.6**
497.23	407.03	402.03	36.47884058	-79.06502713	05/28/2015	6.9
497.23	407.03	402.03	36.47884058	-79.06502713	06/30/2015	6.9
497.23	407.03	402.03	36.47884058	-79.06502713	09/15/2015	7.2
497.23	407.03	402.03	36.47884058	-79.06502713	12/03/2015	7.0
497.23	407.03	402.03	36.47884058	-79.06502713	01/07/2016	6.9
497.23	407.03	402.03	36.47884058	-79.06502713	09/22/2016	7.1
497.23	407.03	402.03	36.47884058	-79.06502713	11/16/2016	7.0
497.23	407.03	402.03	36.47884058	-79.06502713	02/07/2017	6.9
497.23	407.03	402.03	36.47884058	-79.06502713	04/17/2017	6.8
497.23	407.03	402.03	36.47884058	-79.06502713	07/25/2017	6.8
497.23	407.03	402.03	36.47884058	-79.06502713	11/15/2017	6.8
497.23	407.03	402.03	36.47884058	-79.06502713	01/31/2018	6.7
497.23	407.03	402.03	36.47884058	-79.06502713	04/12/2018	6.7
497.23	407.03	402.03	36.47884058	-79.06502713	07/26/2018	**6.2**
477.37	426.37	421.37	36.48045041	-79.06680628	03/27/2015	7.6
477.37	426.37	421.37	36.48045041	-79.06680628	06/25/2015	7.6
477.37	426.37	421.37	36.48045041	-79.06680628	09/15/2015	7.6
477.37	426.37	421.37	36.48045041	-79.06680628	12/03/2015	7.5
477.37	426.37	421.37	36.48045041	-79.06680628	01/06/2016	7.7
477.37	426.37	421.37	36.48045041	-79.06680628	09/22/2016	7.6
477.37	426.37	421.37	36.48045041	-79.06680628	11/16/2016	7.6
477.37	426.37	421.37	36.48045041	-79.06680628	02/07/2017	7.3
477.37	426.37	421.37	36.48045041	-79.06680628	03/02/2017	7.5
477.37	426.37	421.37	36.48045041	-79.06680628	04/18/2017	7.5
477.37	426.37	421.37	36.48045041	-79.06680628	07/24/2017	7.4
477.37	426.37	421.37	36.48045041	-79.06680628	11/15/2017	7.6
477.37	426.37	421.37	36.48045041	-79.06680628	01/31/2018	7.5
477.37	426.37	421.37	36.48045041	-79.06680628	04/11/2018	7.4
477.37	426.37	421.37	36.48045041	-79.06680628	07/31/2018	7.2
477.37	426.37	421.37	36.48045041	-79.06680628	11/15/2018	7.4
477.27	391.27	386.27	36.48045282	-79.06679791	06/09/2015	7.1
477.27	391.27	386.27	36.48045282	-79.06679791	06/30/2015	7.1
477.27	391.27	386.27	36.48045282	-79.06679791	09/15/2015	7.6
477.27	391.27	386.27	36.48045282	-79.06679791	12/03/2015	6.9
477.27	391.27	386.27	36.48045282	-79.06679791	01/06/2016	7.4

477.27	391.27	386.27	36.48045282	-79.06679791	09/22/2016	7.7
477.27	391.27	386.27	36.48045282	-79.06679791	11/16/2016	7.4
477.27	391.27	386.27	36.48045282	-79.06679791	02/07/2017	7.2
477.27	391.27	386.27	36.48045282	-79.06679791	04/18/2017	7.5
477.27	391.27	386.27	36.48045282	-79.06679791	07/24/2017	7.1
477.27	391.27	386.27	36.48045282	-79.06679791	11/15/2017	7.4
477.27	391.27	386.27	36.48045282	-79.06679791	01/31/2018	7.2
477.27	391.27	386.27	36.48045282	-79.06679791	04/11/2018	7.7
477.27	391.27	386.27	36.48045282	-79.06679791	07/30/2018	6.8
477.27	391.27	386.27	36.48045282	-79.06679791	11/15/2018	6.8
477.27	391.27	386.27	36.48045282	-79.06679791	04/29/2019	7.0
477.27	391.27	386.27	36.48045282	-79.06679791	10/24/2019	7.1
478.25	423.25	418.25	36.47822350	-79.06782562	03/26/2015	7.3
478.25	423.25	418.25	36.47822350	-79.06782562	06/25/2015	7.0
478.25	423.25	418.25	36.47822350	-79.06782562	09/13/2015	6.9
478.25	423.25	418.25	36.47822350	-79.06782562	09/22/2016	6.9
478.25	423.25	418.25	36.47822350	-79.06782562	11/16/2016	7.0
478.25	423.25	418.25	36.47822350	-79.06782562	02/06/2017	7.2
478.25	423.25	418.25	36.47822350	-79.06782562	04/17/2017	7.2
478.25	423.25	418.25	36.47822350	-79.06782562	07/25/2017	7.0
478.25	423.25	418.25	36.47822350	-79.06782562	11/15/2017	7.5
478.25	423.25	418.25	36.47822350	-79.06782562	02/01/2018	7.6
478.25	423.25	418.25	36.47822350	-79.06782562	04/11/2018	7.5
478.25	423.25	418.25	36.47822350	-79.06782562	07/25/2018	7.1
478.25	423.25	418.25	36.47822350	-79.06782562	11/15/2018	7.2
478.25	423.25	418.25	36.47822350	-79.06782562	04/29/2019	7.0
478.25	423.25	418.25	36.47822350	-79.06782562	10/30/2019	6.8
478.19	396.19	391.19	36.47822414	-79.06781690	03/26/2015	7.0
478.19	396.19	391.19	36.47822414	-79.06781690	06/25/2015	6.9
478.19	396.19	391.19	36.47822414	-79.06781690	09/13/2015	6.9
478.19	396.19	391.19	36.47822414	-79.06781690	12/03/2015	6.7
478.19	396.19	391.19	36.47822414	-79.06781690	01/06/2016	6.8
478.19	396.19	391.19	36.47822414	-79.06781690	01/07/2016	6.6
478.19	396.19	391.19	36.47822414	-79.06781690	09/22/2016	6.7
478.19	396.19	391.19	36.47822414	-79.06781690	11/16/2016	6.7
478.19	396.19	391.19	36.47822414	-79.06781690	02/06/2017	6.7
478.19	396.19	391.19	36.47822414	-79.06781690	04/17/2017	6.9
478.19	396.19	391.19	36.47822414	-79.06781690	07/25/2017	6.7
478.19	396.19	391.19	36.47822414	-79.06781690	11/15/2017	6.9
478.19	396.19	391.19	36.47822414	-79.06781690	02/01/2018	6.8
478.19	396.19	391.19	36.47822414	-79.06781690	04/11/2018	6.6
478.19	396.19	391.19	36.47822414	-79.06781690	07/25/2018	**6.4**
478.19	396.19	391.19	36.47822414	-79.06781690	11/15/2018	6.8
478.19	396.19	391.19	36.47822414	-79.06781690	04/29/2019	6.7
478.19	396.19	391.19	36.47822414	-79.06781690	10/30/2019	**6.5**

476.64	404.64	399.64	36.48013891	-79.06480903	03/27/2015	**9.3**
476.64	404.64	399.64	36.48013891	-79.06480903	06/29/2015	**9.5**
476.64	404.64	399.64	36.48013891	-79.06480903	09/14/2015	**9.6**
476.64	404.64	399.64	36.48013891	-79.06480903	09/22/2016	**9.5**
476.64	404.64	399.64	36.48013891	-79.06480903	11/16/2016	**9.5**
476.64	404.64	399.64	36.48013891	-79.06480903	02/06/2017	**9.4**
476.64	404.64	399.64	36.48013891	-79.06480903	04/18/2017	**9.5**
476.64	404.64	399.64	36.48013891	-79.06480903	07/25/2017	**9.3**
476.64	404.64	399.64	36.48013891	-79.06480903	11/15/2017	**9.6**
476.44	348.84	343.84	36.48013832	-79.06481721	05/27/2015	6.9
476.44	348.84	343.84	36.48013832	-79.06481721	06/29/2015	6.8
476.44	348.84	343.84	36.48013832	-79.06481721	09/14/2015	6.9
476.44	348.84	343.84	36.48013832	-79.06481721	12/03/2015	6.9
476.44	348.84	343.84	36.48013832	-79.06481721	01/07/2016	6.7
476.44	348.84	343.84	36.48013832	-79.06481721	09/22/2016	7.1
476.44	348.84	343.84	36.48013832	-79.06481721	11/15/2016	7.1
476.44	348.84	343.84	36.48013832	-79.06481721	02/06/2017	7.2
476.44	348.84	343.84	36.48013832	-79.06481721	04/18/2017	7.2
476.44	348.84	343.84	36.48013832	-79.06481721	07/25/2017	6.8
476.44	348.84	343.84	36.48013832	-79.06481721	11/15/2017	7.2
476.44	348.84	343.84	36.48013832	-79.06481721	01/31/2018	7.2
476.44	348.84	343.84	36.48013832	-79.06481721	04/11/2018	6.9
476.44	348.84	343.84	36.48013832	-79.06481721	07/25/2018	6.8
476.44	348.84	343.84	36.48013832	-79.06481721	11/14/2018	6.9
476.44	348.84	343.84	36.48013832	-79.06481721	04/29/2019	6.9
476.44	348.84	343.84	36.48013832	-79.06481721	10/22/2019	6.8
477.53	192.53	182.53	36.48012000	-79.06476000	06/21/2016	7.1
477.53	192.53	182.53	36.48012000	-79.06476000	07/27/2016	7.5
477.53	192.53	182.53	36.48012000	-79.06476000	09/22/2016	7.5
477.53	192.53	182.53	36.48012000	-79.06476000	11/15/2016	7.6
477.53	192.53	182.53	36.48012000	-79.06476000	02/06/2017	7.8
477.53	192.53	182.53	36.48012000	-79.06476000	04/18/2017	7.6
477.53	192.53	182.53	36.48012000	-79.06476000	07/25/2017	7.6
477.53	192.53	182.53	36.48012000	-79.06476000	11/15/2017	7.8
477.53	192.53	182.53	36.48012000	-79.06476000	01/31/2018	8.2
477.53	192.53	182.53	36.48012000	-79.06476000	04/11/2018	7.3
477.53	192.53	182.53	36.48012000	-79.06476000	07/25/2018	7.2
477.53	192.53	182.53	36.48012000	-79.06476000	11/14/2018	7.5
477.53	192.53	182.53	36.48012000	-79.06476000	04/29/2019	7.6
477.53	192.53	182.53	36.48012000	-79.06476000	10/22/2019	7.7
479.37	109.37	94.37	36.48005243	-79.06472258	04/09/2019	7.8
479.37	109.37	94.37	36.48005243	-79.06472258	07/30/2019	7.3
479.37	109.37	94.37	36.48005243	-79.06472258	10/22/2019	7.9
530.89	498.39	478.89	36.46413643	-79.08111024	11/30/2010	6.8
530.89	498.39	478.89	36.46413643	-79.08111024	04/20/2011	**6.4**

530.89	498.39	478.89	36.46413643	-79.08111024	07/13/2011	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	11/02/2011	6.6
530.89	498.39	478.89	36.46413643	-79.08111024	04/02/2012	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	07/11/2012	**6.3**
530.89	498.39	478.89	36.46413643	-79.08111024	11/06/2012	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	04/08/2013	**6.3**
530.89	498.39	478.89	36.46413643	-79.08111024	07/08/2013	**6.3**
530.89	498.39	478.89	36.46413643	-79.08111024	11/11/2013	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	04/03/2014	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	07/15/2014	**6.3**
530.89	498.39	478.89	36.46413643	-79.08111024	11/12/2014	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	04/16/2015	6.6
530.89	498.39	478.89	36.46413643	-79.08111024	07/09/2015	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	09/16/2015	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	11/05/2015	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	12/05/2015	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	01/05/2016	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	04/07/2016	**6.5**
530.89	498.39	478.89	36.46413643	-79.08111024	07/12/2016	**6.3**
530.89	498.39	478.89	36.46413643	-79.08111024	09/08/2016	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	11/01/2016	6.8 S
530.89	498.39	478.89	36.46413643	-79.08111024	11/10/2016	6.6 S
530.89	498.39	478.89	36.46413643	-79.08111024	11/16/2016	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	01/26/2017	6.6
530.89	498.39	478.89	36.46413643	-79.08111024	04/10/2017	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	04/10/2017	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	07/17/2017	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	07/17/2017	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	11/14/2017	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	11/14/2017	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	01/29/2018	6.8
530.89	498.39	478.89	36.46413643	-79.08111024	04/09/2018	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	04/09/2018	**6.4**
530.89	498.39	478.89	36.46413643	-79.08111024	07/25/2018	**6.3**
530.89	498.39	478.89	36.46413643	-79.08111024	07/25/2018	**6.3**
530.89	498.39	478.89	36.46413643	-79.08111024	11/14/2018	**6.5**
530.89	498.39	478.89	36.46413643	-79.08111024	11/14/2018	**6.5**
530.89	498.39	478.89	36.46413643	-79.08111024	04/24/2019	**6.0**
530.89	498.39	478.89	36.46413643	-79.08111024	04/24/2019	**6.0**
530.89	498.39	478.89	36.46413643	-79.08111024	07/29/2019	6.6
530.89	498.39	478.89	36.46413643	-79.08111024	11/05/2019	6.6
530.89	498.39	478.89	36.46413643	-79.08111024	11/12/2019	6.6
531.20	449.20	439.20	36.46413463	-79.08113755	06/10/2015	6.8
531.20	449.20	439.20	36.46413463	-79.08113755	07/09/2015	6.9
531.20	449.20	439.20	36.46413463	-79.08113755	09/12/2015	7.0

531.20	449.20	439.20	36.46413463	-79.08113755	12/05/2015	6.8
531.20	449.20	439.20	36.46413463	-79.08113755	01/05/2016	6.8
531.20	449.20	439.20	36.46413463	-79.08113755	04/07/2016	6.9
531.20	449.20	439.20	36.46413463	-79.08113755	07/14/2016	6.9
531.20	449.20	439.20	36.46413463	-79.08113755	09/08/2016	6.9
531.20	449.20	439.20	36.46413463	-79.08113755	11/09/2016	6.8
531.20	449.20	439.20	36.46413463	-79.08113755	01/25/2017	6.9
531.20	449.20	439.20	36.46413463	-79.08113755	04/10/2017	6.9
531.20	449.20	439.20	36.46413463	-79.08113755	07/17/2017	6.8
531.20	449.20	439.20	36.46413463	-79.08113755	11/14/2017	6.8
531.20	449.20	439.20	36.46413463	-79.08113755	01/29/2018	7.0
531.20	449.20	439.20	36.46413463	-79.08113755	04/09/2018	6.8
531.20	449.20	439.20	36.46413463	-79.08113755	07/31/2018	6.8
531.20	449.20	439.20	36.46413463	-79.08113755	11/13/2018	7.0
531.20	449.20	439.20	36.46413463	-79.08113755	04/25/2019	6.8
531.20	449.20	439.20	36.46413463	-79.08113755	11/05/2019	6.8
517.28	252.28	242.28	36.46477000	-79.08015000	09/28/2016	**11.8**
517.28	252.28	242.28	36.46477000	-79.08015000	11/10/2016	**10.01 S**
518.48	368.48	358.48	36.46475173	-79.08018400	03/02/2017	7.2
518.48	368.48	358.48	36.46475173	-79.08018400	04/12/2017	8.2
518.48	368.48	358.48	36.46475173	-79.08018400	07/17/2017	7.8
518.48	368.48	358.48	36.46475173	-79.08018400	11/15/2017	8.2
518.48	368.48	358.48	36.46475173	-79.08018400	01/30/2018	8.0
518.48	368.48	358.48	36.46475173	-79.08018400	04/09/2018	8.0
518.48	368.48	358.48	36.46475173	-79.08018400	07/30/2018	8.4
518.48	368.48	358.48	36.46475173	-79.08018400	11/14/2018	8.5
518.48	368.48	358.48	36.46475173	-79.08018400	04/25/2019	8.4
518.48	368.48	358.48	36.46475173	-79.08018400	11/06/2019	8.5
531.18	492.18	487.18	36.46412483	-79.08114067	09/28/2016	6.6
531.18	492.18	487.18	36.46412483	-79.08114067	11/10/2016	6.8 S
531.18	492.18	487.18	36.46412483	-79.08114067	01/27/2017	6.8
531.13	306.13	296.13	36.46417009	-79.08113056	08/10/2017	7.5
531.13	306.13	296.13	36.46417009	-79.08113056	11/14/2017	7.7
531.13	306.13	296.13	36.46417009	-79.08113056	01/29/2018	7.9
531.13	306.13	296.13	36.46417009	-79.08113056	04/09/2018	8.2
531.13	306.13	296.13	36.46417009	-79.08113056	07/31/2018	8.3
531.13	306.13	296.13	36.46417009	-79.08113056	11/13/2018	8.0
531.13	306.13	296.13	36.46417009	-79.08113056	04/30/2019	8.2
531.13	306.13	296.13	36.46417009	-79.08113056	11/05/2019	8.3
487.29	424.29	414.29	36.47867449	-79.07079039	05/12/2016	7.0
487.29	424.29	414.29	36.47867449	-79.07079039	07/20/2016	7.1
487.29	424.29	414.29	36.47867449	-79.07079039	09/15/2016	7.5
487.29	424.29	414.29	36.47867449	-79.07079039	11/09/2016	7.2
487.29	424.29	414.29	36.47867449	-79.07079039	01/18/2017	7.2
487.29	424.29	414.29	36.47867449	-79.07079039	03/17/2017	7.1

487.29	424.29	414.29	36.47867449	-79.07079039	05/03/2017	7.3
487.29	424.29	414.29	36.47867449	-79.07079039	07/19/2017	7.2
487.29	424.29	414.29	36.47867449	-79.07079039	09/13/2017	7.1
487.29	424.29	414.29	36.47867449	-79.07079039	01/23/2018	7.2
487.29	424.29	414.29	36.47867449	-79.07079039	05/16/2018	7.1
487.29	424.29	414.29	36.47867449	-79.07079039	10/08/2018	7.0
487.29	424.29	414.29	36.47867449	-79.07079039	01/24/2019	7.1
487.29	424.29	414.29	36.47867449	-79.07079039	07/24/2019	7.0
487.20	460.20	450.20	36.47869293	-79.07078699	05/24/2016	7.1
487.20	460.20	450.20	36.47869293	-79.07078699	07/20/2016	7.0
487.20	460.20	450.20	36.47869293	-79.07078699	09/15/2016	7.5
487.20	460.20	450.20	36.47869293	-79.07078699	11/09/2016	7.0
487.20	460.20	450.20	36.47869293	-79.07078699	01/18/2017	7.0
487.20	460.20	450.20	36.47869293	-79.07078699	03/17/2017	7.0
487.20	460.20	450.20	36.47869293	-79.07078699	05/03/2017	7.1
487.20	460.20	450.20	36.47869293	-79.07078699	07/19/2017	7.1
487.20	460.20	450.20	36.47869293	-79.07078699	09/13/2017	7.0
487.20	460.20	450.20	36.47869293	-79.07078699	01/23/2018	7.1
487.20	460.20	450.20	36.47869293	-79.07078699	05/16/2018	7.0
487.20	460.20	450.20	36.47869293	-79.07078699	10/08/2018	6.9
487.20	460.20	450.20	36.47869293	-79.07078699	01/24/2019	7.0
487.20	460.20	450.20	36.47869293	-79.07078699	07/24/2019	6.9
451.04	373.04	363.04	36.48040756	-79.06933130	05/12/2016	7.8
451.04	373.04	363.04	36.48040756	-79.06933130	07/20/2016	7.8
451.04	373.04	363.04	36.48040756	-79.06933130	09/15/2016	7.8
451.04	373.04	363.04	36.48040756	-79.06933130	11/09/2016	7.7
451.04	373.04	363.04	36.48040756	-79.06933130	01/18/2017	7.4
451.04	373.04	363.04	36.48040756	-79.06933130	03/16/2017	7.4
451.04	373.04	363.04	36.48040756	-79.06933130	05/01/2017	7.4
451.04	373.04	363.04	36.48040756	-79.06933130	07/20/2017	7.3
451.04	373.04	363.04	36.48040756	-79.06933130	09/13/2017	7.3
451.04	373.04	363.04	36.48040756	-79.06933130	01/23/2018	7.4
451.04	373.04	363.04	36.48040756	-79.06933130	05/16/2018	7.2
451.04	373.04	363.04	36.48040756	-79.06933130	10/08/2018	7.0
451.04	373.04	363.04	36.48040756	-79.06933130	01/29/2019	7.2
451.04	373.04	363.04	36.48040756	-79.06933130	07/25/2019	7.0
450.96	422.96	412.96	36.48042979	-79.06933063	05/12/2016	7.0
450.96	422.96	412.96	36.48042979	-79.06933063	07/20/2016	6.7
450.96	422.96	412.96	36.48042979	-79.06933063	09/15/2016	6.9
450.96	422.96	412.96	36.48042979	-79.06933063	11/09/2016	7.1
450.96	422.96	412.96	36.48042979	-79.06933063	01/18/2017	6.8
450.96	422.96	412.96	36.48042979	-79.06933063	03/16/2017	6.9
450.96	422.96	412.96	36.48042979	-79.06933063	05/01/2017	6.9
450.96	422.96	412.96	36.48042979	-79.06933063	07/20/2017	6.8
450.96	422.96	412.96	36.48042979	-79.06933063	09/13/2017	6.8

450.96	422.96	412.96	36.48042979	-79.06933063	01/23/2018	6.9
450.96	422.96	412.96	36.48042979	-79.06933063	05/16/2018	6.8
450.96	422.96	412.96	36.48042979	-79.06933063	10/08/2018	6.6
450.96	422.96	412.96	36.48042979	-79.06933063	01/29/2019	6.8
450.96	422.96	412.96	36.48042979	-79.06933063	07/25/2019	6.7
433.77	368.77	358.77	36.48090832	-79.06824927	05/12/2016	6.5
433.77	368.77	358.77	36.48090832	-79.06824927	07/20/2016	**6.4**
433.77	368.77	358.77	36.48090832	-79.06824927	09/16/2016	6.7
433.77	368.77	358.77	36.48090832	-79.06824927	11/10/2016	6.5
433.77	368.77	358.77	36.48090832	-79.06824927	01/19/2017	6.5
433.77	368.77	358.77	36.48090832	-79.06824927	03/16/2017	6.5
433.77	368.77	358.77	36.48090832	-79.06824927	05/01/2017	6.5
433.77	368.77	358.77	36.48090832	-79.06824927	07/20/2017	6.6
433.77	368.77	358.77	36.48090832	-79.06824927	09/14/2017	6.5
433.77	368.77	358.77	36.48090832	-79.06824927	01/23/2018	6.6
433.77	368.77	358.77	36.48090832	-79.06824927	05/16/2018	6.5
433.77	368.77	358.77	36.48090832	-79.06824927	10/08/2018	**6.4**
433.77	368.77	358.77	36.48090832	-79.06824927	01/29/2019	**6.5**
433.77	368.77	358.77	36.48090832	-79.06824927	07/15/2019	**6.5**
433.77	368.77	358.77	36.48090832	-79.06824927	07/25/2019	**6.5**
422.29	382.29	372.29	36.48188604	-79.06617721	05/12/2016	6.8
422.29	382.29	372.29	36.48188604	-79.06617721	07/20/2016	6.9
422.29	382.29	372.29	36.48188604	-79.06617721	09/16/2016	7.0
422.29	382.29	372.29	36.48188604	-79.06617721	11/10/2016	6.9
422.29	382.29	372.29	36.48188604	-79.06617721	01/19/2017	7.0
422.29	382.29	372.29	36.48188604	-79.06617721	03/16/2017	7.1
422.29	382.29	372.29	36.48188604	-79.06617721	05/01/2017	7.1
422.29	382.29	372.29	36.48188604	-79.06617721	07/20/2017	7.1
422.29	382.29	372.29	36.48188604	-79.06617721	09/14/2017	7.1
422.29	382.29	372.29	36.48188604	-79.06617721	01/24/2018	7.2
422.29	382.29	372.29	36.48188604	-79.06617721	05/16/2018	7.0
422.29	382.29	372.29	36.48188604	-79.06617721	10/08/2018	7.0
422.29	382.29	372.29	36.48188604	-79.06617721	01/30/2019	7.2
422.29	382.29	372.29	36.48188604	-79.06617721	07/25/2019	7.0
478.13	412.13	402.13	36.48139137	-79.06454119	05/11/2016	6.7
478.13	412.13	402.13	36.48139137	-79.06454119	07/21/2016	6.6
478.13	412.13	402.13	36.48139137	-79.06454119	09/19/2016	6.7
478.13	412.13	402.13	36.48139137	-79.06454119	11/10/2016	6.7
478.13	412.13	402.13	36.48139137	-79.06454119	01/19/2017	6.7
478.13	412.13	402.13	36.48139137	-79.06454119	03/15/2017	6.8
478.13	412.13	402.13	36.48139137	-79.06454119	05/02/2017	6.8
478.13	412.13	402.13	36.48139137	-79.06454119	07/20/2017	6.7
478.13	412.13	402.13	36.48139137	-79.06454119	09/14/2017	6.7
478.13	412.13	402.13	36.48139137	-79.06454119	01/23/2018	6.6
478.13	412.13	402.13	36.48139137	-79.06454119	01/23/2018	6.6

478.13	412.13	402.13	36.48139137	-79.06454119	05/16/2018	6.5
478.13	412.13	402.13	36.48139137	-79.06454119	10/08/2018	**6.4**
478.13	412.13	402.13	36.48139137	-79.06454119	01/30/2019	6.8
478.13	412.13	402.13	36.48139137	-79.06454119	07/29/2019	6.5
491.21	462.21	452.21	36.48188881	-79.06141846	05/11/2016	6.7
491.21	462.21	452.21	36.48188881	-79.06141846	07/21/2016	6.7
491.21	462.21	452.21	36.48188881	-79.06141846	09/20/2016	6.7
491.21	462.21	452.21	36.48188881	-79.06141846	11/10/2016	6.7
491.21	462.21	452.21	36.48188881	-79.06141846	01/25/2017	6.8
491.21	462.21	452.21	36.48188881	-79.06141846	03/15/2017	6.9
491.21	462.21	452.21	36.48188881	-79.06141846	05/02/2017	6.8
491.21	462.21	452.21	36.48188881	-79.06141846	07/20/2017	6.8
491.21	462.21	452.21	36.48188881	-79.06141846	09/14/2017	6.7
491.21	462.21	452.21	36.48188881	-79.06141846	01/23/2018	6.7
491.21	462.21	452.21	36.48188881	-79.06141846	05/16/2018	6.6
491.21	462.21	452.21	36.48188881	-79.06141846	10/08/2018	6.7
491.21	462.21	452.21	36.48188881	-79.06141846	01/30/2019	6.9
491.21	462.21	452.21	36.48188881	-79.06141846	07/25/2019	**6.3**
497.93	448.93	438.93	36.48192858	-79.05957836	05/11/2016	6.7
497.93	448.93	438.93	36.48192858	-79.05957836	07/21/2016	6.6
497.93	448.93	438.93	36.48192858	-79.05957836	09/20/2016	6.6
497.93	448.93	438.93	36.48192858	-79.05957836	11/10/2016	6.6
497.93	448.93	438.93	36.48192858	-79.05957836	01/25/2017	6.7
497.93	448.93	438.93	36.48192858	-79.05957836	03/15/2017	6.8
497.93	448.93	438.93	36.48192858	-79.05957836	05/02/2017	6.7
497.93	448.93	438.93	36.48192858	-79.05957836	07/24/2017	6.6
497.93	448.93	438.93	36.48192858	-79.05957836	09/14/2017	6.6
497.93	448.93	438.93	36.48192858	-79.05957836	01/23/2018	6.7
497.93	448.93	438.93	36.48192858	-79.05957836	05/16/2018	6.6
497.93	448.93	438.93	36.48192858	-79.05957836	10/09/2018	6.6
497.93	448.93	438.93	36.48192858	-79.05957836	01/29/2019	6.7
497.93	448.93	438.93	36.48192858	-79.05957836	07/25/2019	**6.3**
498.79	454.79	444.79	36.48137121	-79.05785311	05/11/2016	**6.2**
498.79	454.79	444.79	36.48137121	-79.05785311	07/21/2016	**6.3**
498.79	454.79	444.79	36.48137121	-79.05785311	09/20/2016	**6.2**
498.79	454.79	444.79	36.48137121	-79.05785311	11/10/2016	**6.1**
498.79	454.79	444.79	36.48137121	-79.05785311	01/25/2017	**6.2**
498.79	454.79	444.79	36.48137121	-79.05785311	03/15/2017	**6.3**
498.79	454.79	444.79	36.48137121	-79.05785311	05/02/2017	**6.2**
498.79	454.79	444.79	36.48137121	-79.05785311	07/20/2017	**6.4**
498.79	454.79	444.79	36.48137121	-79.05785311	09/14/2017	**6.2**
498.79	454.79	444.79	36.48137121	-79.05785311	01/23/2018	**6.3**
498.79	454.79	444.79	36.48137121	-79.05785311	05/16/2018	**6.1**
498.79	454.79	444.79	36.48137121	-79.05785311	09/20/2018	**6.3**
498.79	454.79	444.79	36.48137121	-79.05785311	10/09/2018	**6.1**

498.79	454.79	444.79	36.48137121	-79.05785311	01/30/2019	**6.3**
498.79	454.79	444.79	36.48137121	-79.05785311	07/25/2019	**5.9**
517.78	456.78	446.78	36.48070107	-79.05651827	05/11/2016	6.6
517.78	456.78	446.78	36.48070107	-79.05651827	07/21/2016	6.6
517.78	456.78	446.78	36.48070107	-79.05651827	09/20/2016	6.5
517.78	456.78	446.78	36.48070107	-79.05651827	11/10/2016	7 S
517.78	456.78	446.78	36.48070107	-79.05651827	01/20/2017	6.6
517.78	456.78	446.78	36.48070107	-79.05651827	03/14/2017	6.6
517.78	456.78	446.78	36.48070107	-79.05651827	05/02/2017	6.6
517.78	456.78	446.78	36.48070107	-79.05651827	07/20/2017	6.7
517.78	456.78	446.78	36.48070107	-79.05651827	09/14/2017	6.6
517.78	456.78	446.78	36.48070107	-79.05651827	01/23/2018	6.7
517.78	456.78	446.78	36.48070107	-79.05651827	05/16/2018	6.5
517.78	456.78	446.78	36.48070107	-79.05651827	09/20/2018	6.6
517.78	456.78	446.78	36.48070107	-79.05651827	10/09/2018	6.5
517.78	456.78	446.78	36.48070107	-79.05651827	01/29/2019	6.6
517.78	456.78	446.78	36.48070107	-79.05651827	07/25/2019	**6.2**
498.69	430.69	420.69	36.47941157	-79.05688870	05/11/2016	6.5
498.69	430.69	420.69	36.47941157	-79.05688870	07/21/2016	6.6
498.69	430.69	420.69	36.47941157	-79.05688870	09/20/2016	6.6
498.69	430.69	420.69	36.47941157	-79.05688870	11/10/2016	6.9 S
498.69	430.69	420.69	36.47941157	-79.05688870	01/19/2017	6.5
498.69	430.69	420.69	36.47941157	-79.05688870	03/15/2017	6.8
498.69	430.69	420.69	36.47941157	-79.05688870	05/02/2017	6.7
498.69	430.69	420.69	36.47941157	-79.05688870	07/20/2017	6.7
498.69	430.69	420.69	36.47941157	-79.05688870	09/14/2017	6.6
498.69	430.69	420.69	36.47941157	-79.05688870	01/24/2018	6.7
498.69	430.69	420.69	36.47941157	-79.05688870	05/16/2018	6.6
498.69	430.69	420.69	36.47941157	-79.05688870	10/09/2018	6.5
498.69	430.69	420.69	36.47941157	-79.05688870	01/29/2019	6.6
498.69	430.69	420.69	36.47941157	-79.05688870	07/25/2019	**6.3**
487.72	472.72	462.72	36.47720620	-79.05686456	05/12/2016	**6.1**
487.72	472.72	462.72	36.47720620	-79.05686456	07/20/2016	**6.1**
487.72	472.72	462.72	36.47720620	-79.05686456	09/20/2016	**6.0**
487.72	472.72	462.72	36.47720620	-79.05686456	11/10/2016	6.5 S
487.72	472.72	462.72	36.47720620	-79.05686456	01/19/2017	**6.0**
487.72	472.72	462.72	36.47720620	-79.05686456	03/14/2017	**6.2**
487.72	472.72	462.72	36.47720620	-79.05686456	05/02/2017	**6.2**
487.72	472.72	462.72	36.47720620	-79.05686456	07/20/2017	**6.2**
487.72	472.72	462.72	36.47720620	-79.05686456	09/13/2017	**6.0**
487.72	472.72	462.72	36.47720620	-79.05686456	01/24/2018	**6.4**
487.72	472.72	462.72	36.47720620	-79.05686456	05/16/2018	**6.1**
487.72	472.72	462.72	36.47720620	-79.05686456	10/09/2018	**6.2**
487.72	472.72	462.72	36.47720620	-79.05686456	01/29/2019	**6.3**
487.72	472.72	462.72	36.47720620	-79.05686456	05/07/2019	**6.3**

487.72	472.72	462.72	36.47720620	-79.05686456	07/25/2019	**5.9**
506.67	484.67	474.67	36.47569361	-79.05688883	05/12/2016	6.5
506.67	484.67	474.67	36.47569361	-79.05688883	07/20/2016	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	09/21/2016	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	11/10/2016	6.9 S
506.67	484.67	474.67	36.47569361	-79.05688883	01/19/2017	6.5
506.67	484.67	474.67	36.47569361	-79.05688883	03/14/2017	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	05/02/2017	6.7
506.67	484.67	474.67	36.47569361	-79.05688883	07/20/2017	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	09/13/2017	6.5
506.67	484.67	474.67	36.47569361	-79.05688883	01/23/2018	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	05/16/2018	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	10/09/2018	6.5
506.67	484.67	474.67	36.47569361	-79.05688883	01/29/2019	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	05/07/2019	6.5
506.67	484.67	474.67	36.47569361	-79.05688883	07/25/2019	**6.1**
545.11	487.11	477.11	36.48072819	-79.04703397	05/24/2016	**6.1**
545.11	487.11	477.11	36.48072819	-79.04703397	07/20/2016	6.5
545.11	487.11	477.11	36.48072819	-79.04703397	09/20/2016	**6.4**
545.11	487.11	477.11	36.48072819	-79.04703397	11/10/2016	6.9 S
545.11	487.11	477.11	36.48072819	-79.04703397	01/19/2017	6.5
545.11	487.11	477.11	36.48072819	-79.04703397	03/14/2017	6.5
545.11	487.11	477.11	36.48072819	-79.04703397	05/04/2017	6.5
545.11	487.11	477.11	36.48072819	-79.04703397	07/20/2017	6.5
545.11	487.11	477.11	36.48072819	-79.04703397	09/13/2017	**6.4**
545.11	487.11	477.11	36.48072819	-79.04703397	01/23/2018	6.5
545.11	487.11	477.11	36.48072819	-79.04703397	05/16/2018	**6.4**
545.11	487.11	477.11	36.48072819	-79.04703397	10/08/2018	**6.4**
545.11	487.11	477.11	36.48072819	-79.04703397	01/29/2019	**6.3**
545.11	487.11	477.11	36.48072819	-79.04703397	07/25/2019	**6.3**
545.11	487.11	477.11	36.48072819	-79.04703397	07/30/2019	**6.4**
432.43	364.43	354.43	36.48647069	-79.06725747	07/31/2018	7.0
432.43	364.43	354.43	36.48647069	-79.06725747	10/09/2018	6.6
432.43	364.43	354.43	36.48647069	-79.06725747	11/15/2018	7.1
432.43	364.43	354.43	36.48647069	-79.06725747	01/30/2019	7.1
432.43	364.43	354.43	36.48647069	-79.06725747	01/30/2019	7.1
432.43	364.43	354.43	36.48647069	-79.06725747	04/23/2019	7.2
432.43	364.43	354.43	36.48647069	-79.06725747	07/25/2019	7.1
432.43	364.43	354.43	36.48647069	-79.06725747	11/05/2019	7.1
432.51	400.51	390.51	36.48647297	-79.06722704	07/31/2018	6.7
432.51	400.51	390.51	36.48647297	-79.06722704	10/09/2018	**6.4**
432.51	400.51	390.51	36.48647297	-79.06722704	11/15/2018	6.7
432.51	400.51	390.51	36.48647297	-79.06722704	01/30/2019	6.7
432.51	400.51	390.51	36.48647297	-79.06722704	01/30/2019	6.7
432.51	400.51	390.51	36.48647297	-79.06722704	04/23/2019	6.7

432.51	400.51	390.51	36.48647297	-79.06722704	07/25/2019	7.0
432.51	400.51	390.51	36.48647297	-79.06722704	11/05/2019	6.7
488.12	428.12	418.12	36.47749802	-79.07272744	05/17/2016	6.8
488.12	428.12	418.12	36.47749802	-79.07272744	07/18/2016	7.0
488.12	428.12	418.12	36.47749802	-79.07272744	09/14/2016	7.0
488.12	428.12	418.12	36.47749802	-79.07272744	11/07/2016	6.9
488.12	428.12	418.12	36.47749802	-79.07272744	01/18/2017	6.8
488.12	428.12	418.12	36.47749802	-79.07272744	03/17/2017	6.9
488.12	428.12	418.12	36.47749802	-79.07272744	05/04/2017	6.9
488.12	428.12	418.12	36.47749802	-79.07272744	07/18/2017	6.8
488.12	428.12	418.12	36.47749802	-79.07272744	09/11/2017	6.9
488.12	428.12	418.12	36.47749802	-79.07272744	01/24/2018	7.0
488.12	428.12	418.12	36.47749802	-79.07272744	05/14/2018	6.8
488.12	428.12	418.12	36.47749802	-79.07272744	10/09/2018	6.8
488.12	428.12	418.12	36.47749802	-79.07272744	01/23/2019	6.9
488.12	428.12	418.12	36.47749802	-79.07272744	07/23/2019	6.8
490.34	446.34	436.34	36.47700429	-79.07408791	05/19/2016	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	07/18/2016	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	09/14/2016	**6.2**
490.34	446.34	436.34	36.47700429	-79.07408791	11/07/2016	**6.2**
490.34	446.34	436.34	36.47700429	-79.07408791	01/18/2017	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	03/17/2017	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	05/04/2017	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	07/18/2017	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	09/11/2017	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	01/24/2018	**6.2**
490.34	446.34	436.34	36.47700429	-79.07408791	05/14/2018	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	10/09/2018	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	01/23/2019	**6.1**
490.34	446.34	436.34	36.47700429	-79.07408791	07/23/2019	**6.1**
453.12	394.12	384.12	36.47710385	-79.07557779	05/17/2016	6.5
453.12	394.12	384.12	36.47710385	-79.07557779	07/18/2016	6.6
453.12	394.12	384.12	36.47710385	-79.07557779	09/14/2016	6.6
453.12	394.12	384.12	36.47710385	-79.07557779	11/07/2016	6.5
453.12	394.12	384.12	36.47710385	-79.07557779	01/17/2017	**6.4**
453.12	394.12	384.12	36.47710385	-79.07557779	03/17/2017	6.5
453.12	394.12	384.12	36.47710385	-79.07557779	05/04/2017	**6.4**
453.12	394.12	384.12	36.47710385	-79.07557779	07/18/2017	**6.4**
453.12	394.12	384.12	36.47710385	-79.07557779	09/12/2017	**6.4**
453.12	394.12	384.12	36.47710385	-79.07557779	01/24/2018	6.5
453.12	394.12	384.12	36.47710385	-79.07557779	05/14/2018	**6.4**
453.12	394.12	384.12	36.47710385	-79.07557779	09/20/2018	**6.4**
453.12	394.12	384.12	36.47710385	-79.07557779	10/10/2018	**6.3**
453.12	394.12	384.12	36.47710385	-79.07557779	01/23/2019	**6.4**
453.12	394.12	384.12	36.47710385	-79.07557779	07/23/2019	**6.2**

452.30	418.30	408.30	36.47712568	-79.07556100	05/17/2016	**6.4**
452.30	418.30	408.30	36.47712568	-79.07556100	07/18/2016	**6.3**
452.30	418.30	408.30	36.47712568	-79.07556100	09/14/2016	6.5
452.30	418.30	408.30	36.47712568	-79.07556100	11/07/2016	**6.4**
452.30	418.30	408.30	36.47712568	-79.07556100	01/17/2017	**6.3**
452.30	418.30	408.30	36.47712568	-79.07556100	03/17/2017	**6.3**
452.30	418.30	408.30	36.47712568	-79.07556100	05/04/2017	**6.3**
452.30	418.30	408.30	36.47712568	-79.07556100	07/18/2017	**6.4**
452.30	418.30	408.30	36.47712568	-79.07556100	09/12/2017	**6.3**
452.30	418.30	408.30	36.47712568	-79.07556100	01/24/2018	**6.4**
452.30	418.30	408.30	36.47712568	-79.07556100	05/14/2018	**6.3**
452.30	418.30	408.30	36.47712568	-79.07556100	09/20/2018	**6.3**
452.30	418.30	408.30	36.47712568	-79.07556100	10/10/2018	**6.2**
452.30	418.30	408.30	36.47712568	-79.07556100	01/23/2019	**6.3**
452.30	418.30	408.30	36.47712568	-79.07556100	07/23/2019	**6.2**
413.79	364.79	354.79	36.47691209	-79.07704704	05/19/2016	6.6
413.79	364.79	354.79	36.47691209	-79.07704704	07/19/2016	6.5
413.79	364.79	354.79	36.47691209	-79.07704704	09/13/2016	6.7
413.79	364.79	354.79	36.47691209	-79.07704704	11/08/2016	6.7
413.79	364.79	354.79	36.47691209	-79.07704704	01/19/2017	6.6
413.79	364.79	354.79	36.47691209	-79.07704704	03/17/2017	6.7
413.79	364.79	354.79	36.47691209	-79.07704704	05/02/2017	6.6
413.79	364.79	354.79	36.47691209	-79.07704704	07/17/2017	6.6
413.79	364.79	354.79	36.47691209	-79.07704704	09/13/2017	6.6
413.79	364.79	354.79	36.47691209	-79.07704704	01/24/2018	6.7
413.79	364.79	354.79	36.47691209	-79.07704704	05/14/2018	6.6
413.79	364.79	354.79	36.47691209	-79.07704704	09/20/2018	6.6
413.79	364.79	354.79	36.47691209	-79.07704704	10/09/2018	6.6
413.79	364.79	354.79	36.47691209	-79.07704704	01/30/2019	6.6
413.79	364.79	354.79	36.47691209	-79.07704704	07/24/2019	6.7
413.67	383.67	373.67	36.47690503	-79.07706240	05/19/2016	**6.3**
413.67	383.67	373.67	36.47690503	-79.07706240	07/19/2016	**6.3**
413.67	383.67	373.67	36.47690503	-79.07706240	09/13/2016	6.5
413.67	383.67	373.67	36.47690503	-79.07706240	11/09/2016	**6.4**
413.67	383.67	373.67	36.47690503	-79.07706240	01/20/2017	**6.3**
413.67	383.67	373.67	36.47690503	-79.07706240	03/22/2017	**6.3**
413.67	383.67	373.67	36.47690503	-79.07706240	05/03/2017	6.6
413.67	383.67	373.67	36.47690503	-79.07706240	07/18/2017	**6.4**
413.67	383.67	373.67	36.47690503	-79.07706240	09/14/2017	6.5
413.67	383.67	373.67	36.47690503	-79.07706240	01/25/2018	7.0
413.67	383.67	373.67	36.47690503	-79.07706240	05/15/2018	**6.3**
413.67	383.67	373.67	36.47690503	-79.07706240	09/20/2018	**6.3**
413.67	383.67	373.67	36.47690503	-79.07706240	10/09/2018	**6.3**
413.67	383.67	373.67	36.47690503	-79.07706240	01/30/2019	**6.5**
413.67	383.67	373.67	36.47690503	-79.07706240	07/24/2019	**6.2**

413.98	403.98	393.98	36.47689600	-79.07704844	05/19/2016	**6.3**
413.98	403.98	393.98	36.47689600	-79.07704844	07/19/2016	**6.2**
413.98	403.98	393.98	36.47689600	-79.07704844	09/13/2016	**6.3**
413.98	403.98	393.98	36.47689600	-79.07704844	11/08/2016	**6.3**
413.98	403.98	393.98	36.47689600	-79.07704844	01/19/2017	**6.2**
413.98	403.98	393.98	36.47689600	-79.07704844	03/17/2017	**6.3**
413.98	403.98	393.98	36.47689600	-79.07704844	05/02/2017	**6.2**
413.98	403.98	393.98	36.47689600	-79.07704844	07/17/2017	**6.3**
413.98	403.98	393.98	36.47689600	-79.07704844	09/13/2017	**6.2**
413.98	403.98	393.98	36.47689600	-79.07704844	01/24/2018	**6.3**
413.98	403.98	393.98	36.47689600	-79.07704844	05/14/2018	**6.2**
413.98	403.98	393.98	36.47689600	-79.07704844	10/09/2018	**6.2**
413.98	403.98	393.98	36.47689600	-79.07704844	01/30/2019	**6.3**
413.98	403.98	393.98	36.47689600	-79.07704844	07/24/2019	**6.3**
424.96	389.96	379.96	36.47635520	-79.07866976	05/17/2016	6.9
424.96	389.96	379.96	36.47635520	-79.07866976	07/19/2016	6.9
424.96	389.96	379.96	36.47635520	-79.07866976	09/13/2016	7.2
424.96	389.96	379.96	36.47635520	-79.07866976	11/08/2016	7.1
424.96	389.96	379.96	36.47635520	-79.07866976	01/18/2017	6.9
424.96	389.96	379.96	36.47635520	-79.07866976	03/17/2017	7.1
424.96	389.96	379.96	36.47635520	-79.07866976	05/02/2017	7.0
424.96	389.96	379.96	36.47635520	-79.07866976	07/17/2017	6.9
424.96	389.96	379.96	36.47635520	-79.07866976	09/12/2017	6.8
424.96	389.96	379.96	36.47635520	-79.07866976	01/24/2018	6.9
424.96	389.96	379.96	36.47635520	-79.07866976	05/14/2018	6.8
424.96	389.96	379.96	36.47635520	-79.07866976	10/09/2018	6.8
424.96	389.96	379.96	36.47635520	-79.07866976	01/23/2019	6.8
424.96	389.96	379.96	36.47635520	-79.07866976	07/24/2019	6.8
475.20	402.20	392.20	36.47505191	-79.08002429	06/30/2016	6.5
475.20	402.20	392.20	36.47505191	-79.08002429	07/19/2016	**6.4**
475.20	402.20	392.20	36.47505191	-79.08002429	09/13/2016	6.7
475.20	402.20	392.20	36.47505191	-79.08002429	11/08/2016	6.6 S
475.20	402.20	392.20	36.47505191	-79.08002429	01/18/2017	6.5
475.20	402.20	392.20	36.47505191	-79.08002429	03/16/2017	6.6
475.20	402.20	392.20	36.47505191	-79.08002429	05/03/2017	**6.4**
475.20	402.20	392.20	36.47505191	-79.08002429	07/17/2017	**6.4**
475.20	402.20	392.20	36.47505191	-79.08002429	09/11/2017	**6.4**
475.20	402.20	392.20	36.47505191	-79.08002429	01/24/2018	6.6
475.20	402.20	392.20	36.47505191	-79.08002429	05/15/2018	**6.3**
475.20	402.20	392.20	36.47505191	-79.08002429	10/10/2018	**6.2**
475.20	402.20	392.20	36.47505191	-79.08002429	01/24/2019	**6.1**
475.20	402.20	392.20	36.47505191	-79.08002429	07/24/2019	**6.3**
469.70	411.70	401.70	36.47363617	-79.07949146	05/19/2016	**6.3**
469.70	411.70	401.70	36.47363617	-79.07949146	07/19/2016	**6.1**
469.70	411.70	401.70	36.47363617	-79.07949146	09/14/2016	**6.2**

469.70	411.70	401.70	36.47363617	-79.07949146	11/08/2016	**6.2 S**
469.70	411.70	401.70	36.47363617	-79.07949146	01/18/2017	**6.1**
469.70	411.70	401.70	36.47363617	-79.07949146	03/16/2017	**6.2**
469.70	411.70	401.70	36.47363617	-79.07949146	05/04/2017	**6.1**
469.70	411.70	401.70	36.47363617	-79.07949146	07/18/2017	**6.1**
469.70	411.70	401.70	36.47363617	-79.07949146	09/12/2017	**6.0**
469.70	411.70	401.70	36.47363617	-79.07949146	01/24/2018	**6.2**
469.70	411.70	401.70	36.47363617	-79.07949146	05/15/2018	**6.1**
469.70	411.70	401.70	36.47363617	-79.07949146	10/10/2018	**6.0**
469.70	411.70	401.70	36.47363617	-79.07949146	01/24/2019	**6.0**
469.70	411.70	401.70	36.47363617	-79.07949146	07/24/2019	**5.9**
469.86	444.86	434.86	36.47362382	-79.07949148	05/19/2016	6.5
469.86	444.86	434.86	36.47362382	-79.07949148	07/19/2016	6.5
469.86	444.86	434.86	36.47362382	-79.07949148	09/13/2016	6.7
469.86	444.86	434.86	36.47362382	-79.07949148	11/08/2016	6.6 S
469.86	444.86	434.86	36.47362382	-79.07949148	01/18/2017	6.5
469.86	444.86	434.86	36.47362382	-79.07949148	03/16/2017	6.7
469.86	444.86	434.86	36.47362382	-79.07949148	05/04/2017	6.6
469.86	444.86	434.86	36.47362382	-79.07949148	07/18/2017	6.6
469.86	444.86	434.86	36.47362382	-79.07949148	09/12/2017	6.6
469.86	444.86	434.86	36.47362382	-79.07949148	01/24/2018	6.7
469.86	444.86	434.86	36.47362382	-79.07949148	05/15/2018	6.7
469.86	444.86	434.86	36.47362382	-79.07949148	10/10/2018	6.6
469.86	444.86	434.86	36.47362382	-79.07949148	01/24/2019	6.7
469.86	444.86	434.86	36.47362382	-79.07949148	07/24/2019	6.6
469.69	412.69	402.69	36.47263295	-79.07939517	05/19/2016	6.5
469.69	412.69	402.69	36.47263295	-79.07939517	07/20/2016	6.6
469.69	412.69	402.69	36.47263295	-79.07939517	09/15/2016	6.7
469.69	412.69	402.69	36.47263295	-79.07939517	11/09/2016	**6.3**
469.69	412.69	402.69	36.47263295	-79.07939517	01/18/2017	**6.2**
469.69	412.69	402.69	36.47263295	-79.07939517	03/16/2017	**6.4**
469.69	412.69	402.69	36.47263295	-79.07939517	05/04/2017	**6.3**
469.69	412.69	402.69	36.47263295	-79.07939517	07/18/2017	**6.4**
469.69	412.69	402.69	36.47263295	-79.07939517	09/12/2017	**6.3**
469.69	412.69	402.69	36.47263295	-79.07939517	01/25/2018	6.5
469.69	412.69	402.69	36.47263295	-79.07939517	05/15/2018	**6.3**
469.69	412.69	402.69	36.47263295	-79.07939517	10/10/2018	**6.4**
469.69	412.69	402.69	36.47263295	-79.07939517	01/24/2019	**6.3**
469.69	412.69	402.69	36.47263295	-79.07939517	07/24/2019	**6.2**
469.90	444.90	434.90	36.47264786	-79.07939106	05/18/2016	**6.3**
469.90	444.90	434.90	36.47264786	-79.07939106	07/20/2016	6.6
469.90	444.90	434.90	36.47264786	-79.07939106	09/15/2016	6.8
469.90	444.90	434.90	36.47264786	-79.07939106	11/09/2016	6.6
469.90	444.90	434.90	36.47264786	-79.07939106	01/18/2017	6.6
469.90	444.90	434.90	36.47264786	-79.07939106	03/16/2017	6.6

469.90	444.90	434.90	36.47264786	-79.07939106	05/04/2017	6.5
469.90	444.90	434.90	36.47264786	-79.07939106	07/18/2017	6.5
469.90	444.90	434.90	36.47264786	-79.07939106	09/12/2017	6.5
469.90	444.90	434.90	36.47264786	-79.07939106	01/25/2018	**6.2**
469.90	444.90	434.90	36.47264786	-79.07939106	05/15/2018	6.5
469.90	444.90	434.90	36.47264786	-79.07939106	10/09/2018	**6.4**
469.90	444.90	434.90	36.47264786	-79.07939106	01/24/2019	6.8
469.90	444.90	434.90	36.47264786	-79.07939106	07/24/2019	6.5
470.07	413.07	403.07	36.47148030	-79.07897012	05/18/2016	**6.2**
470.07	413.07	403.07	36.47148030	-79.07897012	07/20/2016	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	09/15/2016	6.5
470.07	413.07	403.07	36.47148030	-79.07897012	11/09/2016	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	01/18/2017	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	03/16/2017	**6.2**
470.07	413.07	403.07	36.47148030	-79.07897012	05/04/2017	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	07/19/2017	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	09/12/2017	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	01/25/2018	**6.2**
470.07	413.07	403.07	36.47148030	-79.07897012	05/15/2018	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	09/20/2018	**6.4**
470.07	413.07	403.07	36.47148030	-79.07897012	10/09/2018	**5.9**
470.07	413.07	403.07	36.47148030	-79.07897012	01/24/2019	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	07/24/2019	**6.0**
470.08	440.08	430.08	36.47149567	-79.07897397	05/18/2016	**6.0**
470.08	440.08	430.08	36.47149567	-79.07897397	07/20/2016	**6.0**
470.08	440.08	430.08	36.47149567	-79.07897397	09/15/2016	**6.3**
470.08	440.08	430.08	36.47149567	-79.07897397	11/09/2016	**6.0**
470.08	440.08	430.08	36.47149567	-79.07897397	01/18/2017	**6.0**
470.08	440.08	430.08	36.47149567	-79.07897397	03/16/2017	**6.2**
470.08	440.08	430.08	36.47149567	-79.07897397	05/04/2017	**6.0**
470.08	440.08	430.08	36.47149567	-79.07897397	07/19/2017	**6.0**
470.08	440.08	430.08	36.47149567	-79.07897397	09/12/2017	**6.0**
470.08	440.08	430.08	36.47149567	-79.07897397	01/25/2018	**6.2**
470.08	440.08	430.08	36.47149567	-79.07897397	05/15/2018	**6.1**
470.08	440.08	430.08	36.47149567	-79.07897397	10/09/2018	**5.9**
470.08	440.08	430.08	36.47149567	-79.07897397	01/24/2019	**6.1**
470.08	440.08	430.08	36.47149567	-79.07897397	07/24/2019	**5.9**
469.64	425.64	415.64	36.47002111	-79.07812362	05/18/2016	6.6
469.64	425.64	415.64	36.47002111	-79.07812362	07/20/2016	**6.4**
469.64	425.64	415.64	36.47002111	-79.07812362	09/15/2016	6.8
469.64	425.64	415.64	36.47002111	-79.07812362	11/08/2016	6.5
469.64	425.64	415.64	36.47002111	-79.07812362	01/18/2017	6.5
469.64	425.64	415.64	36.47002111	-79.07812362	03/16/2017	6.6
469.64	425.64	415.64	36.47002111	-79.07812362	05/03/2017	6.5
469.64	425.64	415.64	36.47002111	-79.07812362	07/19/2017	6.6

469.64	425.64	415.64	36.47002111	-79.07812362	09/13/2017	6.5
469.64	425.64	415.64	36.47002111	-79.07812362	01/25/2018	6.7
469.64	425.64	415.64	36.47002111	-79.07812362	05/15/2018	6.6
469.64	425.64	415.64	36.47002111	-79.07812362	10/10/2018	6.5
469.64	425.64	415.64	36.47002111	-79.07812362	01/24/2019	6.6
469.64	425.64	415.64	36.47002111	-79.07812362	07/24/2019	6.7
469.58	449.58	439.58	36.47003714	-79.07811520	05/18/2016	6.8
469.58	449.58	439.58	36.47003714	-79.07811520	07/20/2016	6.7
469.58	449.58	439.58	36.47003714	-79.07811520	09/15/2016	7.0
469.58	449.58	439.58	36.47003714	-79.07811520	11/08/2016	6.6
469.58	449.58	439.58	36.47003714	-79.07811520	01/18/2017	6.8
469.58	449.58	439.58	36.47003714	-79.07811520	03/15/2017	6.8
469.58	449.58	439.58	36.47003714	-79.07811520	05/03/2017	6.7
469.58	449.58	439.58	36.47003714	-79.07811520	07/19/2017	6.7
469.58	449.58	439.58	36.47003714	-79.07811520	09/13/2017	6.6
469.58	449.58	439.58	36.47003714	-79.07811520	01/25/2018	6.8
469.58	449.58	439.58	36.47003714	-79.07811520	05/15/2018	6.7
469.58	449.58	439.58	36.47003714	-79.07811520	10/10/2018	6.6
469.58	449.58	439.58	36.47003714	-79.07811520	01/24/2019	6.7
469.58	449.58	439.58	36.47003714	-79.07811520	07/24/2019	6.6
470.73	434.73	424.73	36.46897864	-79.07809940	05/18/2016	6.7
470.73	434.73	424.73	36.46897864	-79.07809940	07/20/2016	6.5
470.73	434.73	424.73	36.46897864	-79.07809940	09/15/2016	6.5
470.73	434.73	424.73	36.46897864	-79.07809940	11/08/2016	6.6
470.73	434.73	424.73	36.46897864	-79.07809940	01/18/2017	6.6
470.73	434.73	424.73	36.46897864	-79.07809940	03/15/2017	6.6
470.73	434.73	424.73	36.46897864	-79.07809940	05/03/2017	6.5
470.73	434.73	424.73	36.46897864	-79.07809940	07/19/2017	6.7
470.73	434.73	424.73	36.46897864	-79.07809940	09/13/2017	6.6
470.73	434.73	424.73	36.46897864	-79.07809940	01/25/2018	6.7
470.73	434.73	424.73	36.46897864	-79.07809940	05/15/2018	**6.4**
470.73	434.73	424.73	36.46897864	-79.07809940	10/09/2018	**6.4**
470.73	434.73	424.73	36.46897864	-79.07809940	01/24/2019	6.6
470.73	434.73	424.73	36.46897864	-79.07809940	07/24/2019	6.6
470.76	454.76	444.76	36.46896539	-79.07809501	05/18/2016	7.0
470.76	454.76	444.76	36.46896539	-79.07809501	07/20/2016	6.6
470.76	454.76	444.76	36.46896539	-79.07809501	09/15/2016	6.7
470.76	454.76	444.76	36.46896539	-79.07809501	11/08/2016	6.7
470.76	454.76	444.76	36.46896539	-79.07809501	01/18/2017	6.7
470.76	454.76	444.76	36.46896539	-79.07809501	03/15/2017	6.9
470.76	454.76	444.76	36.46896539	-79.07809501	05/03/2017	6.8
470.76	454.76	444.76	36.46896539	-79.07809501	07/19/2017	6.8
470.76	454.76	444.76	36.46896539	-79.07809501	09/13/2017	6.7
470.76	454.76	444.76	36.46896539	-79.07809501	01/25/2018	6.9
470.76	454.76	444.76	36.46896539	-79.07809501	05/16/2018	6.6

470.76	454.76	444.76	36.46896539	-79.07809501	10/09/2018	6.6
470.76	454.76	444.76	36.46896539	-79.07809501	01/24/2019	6.8
470.76	454.76	444.76	36.46896539	-79.07809501	07/24/2019	6.7
470.58	430.58	420.58	36.46820745	-79.07698245	05/17/2016	**6.3**
470.58	430.58	420.58	36.46820745	-79.07698245	07/19/2016	**6.3**
470.58	430.58	420.58	36.46820745	-79.07698245	09/15/2016	**6.3**
470.58	430.58	420.58	36.46820745	-79.07698245	11/08/2016	**6.2**
470.58	430.58	420.58	36.46820745	-79.07698245	01/17/2017	**6.3**
470.58	430.58	420.58	36.46820745	-79.07698245	03/15/2017	**6.4**
470.58	430.58	420.58	36.46820745	-79.07698245	05/03/2017	**6.3**
470.58	430.58	420.58	36.46820745	-79.07698245	07/18/2017	**6.3**
470.58	430.58	420.58	36.46820745	-79.07698245	09/12/2017	**6.3**
470.58	430.58	420.58	36.46820745	-79.07698245	01/25/2018	6.5
470.58	430.58	420.58	36.46820745	-79.07698245	05/15/2018	**6.2**
470.58	430.58	420.58	36.46820745	-79.07698245	10/09/2018	**6.2**
470.58	430.58	420.58	36.46820745	-79.07698245	01/24/2019	**6.4**
470.58	430.58	420.58	36.46820745	-79.07698245	07/24/2019	**6.3**
470.78	450.78	440.78	36.46820965	-79.07696388	05/17/2016	6.5
470.78	450.78	440.78	36.46820965	-79.07696388	07/19/2016	**6.4**
470.78	450.78	440.78	36.46820965	-79.07696388	09/15/2016	6.5
470.78	450.78	440.78	36.46820965	-79.07696388	11/08/2016	6.5
470.78	450.78	440.78	36.46820965	-79.07696388	01/17/2017	6.5
470.78	450.78	440.78	36.46820965	-79.07696388	03/15/2017	6.6
470.78	450.78	440.78	36.46820965	-79.07696388	05/03/2017	6.5
470.78	450.78	440.78	36.46820965	-79.07696388	07/18/2017	6.7
470.78	450.78	440.78	36.46820965	-79.07696388	09/12/2017	6.6
470.78	450.78	440.78	36.46820965	-79.07696388	01/25/2018	6.7
470.78	450.78	440.78	36.46820965	-79.07696388	05/15/2018	**6.4**
470.78	450.78	440.78	36.46820965	-79.07696388	10/09/2018	**6.4**
470.78	450.78	440.78	36.46820965	-79.07696388	01/24/2019	6.6
470.78	450.78	440.78	36.46820965	-79.07696388	07/24/2019	**6.5**
475.08	456.08	446.08	36.46910996	-79.07578654	05/17/2016	**6.3**
475.08	456.08	446.08	36.46910996	-79.07578654	07/19/2016	**6.0**
475.08	456.08	446.08	36.46910996	-79.07578654	09/15/2016	**6.3**
475.08	456.08	446.08	36.46910996	-79.07578654	11/08/2016	**6.2**
475.08	456.08	446.08	36.46910996	-79.07578654	01/17/2017	**6.2**
475.08	456.08	446.08	36.46910996	-79.07578654	03/15/2017	**6.2**
475.08	456.08	446.08	36.46910996	-79.07578654	05/02/2017	**5.9**
475.08	456.08	446.08	36.46910996	-79.07578654	07/18/2017	**6.2**
475.08	456.08	446.08	36.46910996	-79.07578654	09/12/2017	**6.1**
475.08	456.08	446.08	36.46910996	-79.07578654	01/25/2018	**6.0**
475.08	456.08	446.08	36.46910996	-79.07578654	05/15/2018	**5.7**
475.08	456.08	446.08	36.46910996	-79.07578654	10/09/2018	**5.8**
475.08	456.08	446.08	36.46910996	-79.07578654	01/23/2019	**6.0**
475.08	456.08	446.08	36.46910996	-79.07578654	07/24/2019	**5.8**

500.43	447.43	437.43	36.46917083	-79.07423981	05/17/2016	6.7
500.43	447.43	437.43	36.46917083	-79.07423981	07/20/2016	6.5
500.43	447.43	437.43	36.46917083	-79.07423981	09/15/2016	6.5
500.43	447.43	437.43	36.46917083	-79.07423981	11/08/2016	6.6
500.43	447.43	437.43	36.46917083	-79.07423981	01/17/2017	6.6
500.43	447.43	437.43	36.46917083	-79.07423981	03/15/2017	6.6
500.43	447.43	437.43	36.46917083	-79.07423981	05/02/2017	6.6
500.43	447.43	437.43	36.46917083	-79.07423981	07/18/2017	6.6
500.43	447.43	437.43	36.46917083	-79.07423981	09/12/2017	6.6
500.43	447.43	437.43	36.46917083	-79.07423981	01/25/2018	**6.4**
500.43	447.43	437.43	36.46917083	-79.07423981	05/15/2018	**6.4**
500.43	447.43	437.43	36.46917083	-79.07423981	10/09/2018	**6.3**
500.43	447.43	437.43	36.46917083	-79.07423981	01/23/2019	6.6
500.43	447.43	437.43	36.46917083	-79.07423981	07/24/2019	**6.4**
498.46	437.46	427.46	36.46799680	-79.07550672	05/17/2016	6.9
498.46	437.46	427.46	36.46799680	-79.07550672	07/19/2016	6.9
498.46	437.46	427.46	36.46799680	-79.07550672	09/14/2016	7.0
498.46	437.46	427.46	36.46799680	-79.07550672	11/08/2016	7.0
498.46	437.46	427.46	36.46799680	-79.07550672	01/17/2017	7.0
498.46	437.46	427.46	36.46799680	-79.07550672	03/14/2017	7.1
498.46	437.46	427.46	36.46799680	-79.07550672	05/03/2017	7.1
498.46	437.46	427.46	36.46799680	-79.07550672	07/18/2017	7.2
498.46	437.46	427.46	36.46799680	-79.07550672	09/12/2017	7.1
498.46	437.46	427.46	36.46799680	-79.07550672	01/25/2018	7.0
498.46	437.46	427.46	36.46799680	-79.07550672	05/14/2018	6.9
498.46	437.46	427.46	36.46799680	-79.07550672	10/09/2018	6.9
498.46	437.46	427.46	36.46799680	-79.07550672	01/23/2019	7.1
498.46	437.46	427.46	36.46799680	-79.07550672	07/23/2019	7.0
511.31	446.31	436.31	36.46670678	-79.07460319	05/16/2016	6.9
511.31	446.31	436.31	36.46670678	-79.07460319	07/19/2016	6.8
511.31	446.31	436.31	36.46670678	-79.07460319	09/14/2016	6.9
511.31	446.31	436.31	36.46670678	-79.07460319	11/07/2016	6.9
511.31	446.31	436.31	36.46670678	-79.07460319	01/17/2017	6.9
511.31	446.31	436.31	36.46670678	-79.07460319	03/14/2017	6.9
511.31	446.31	436.31	36.46670678	-79.07460319	05/02/2017	6.9
511.31	446.31	436.31	36.46670678	-79.07460319	07/18/2017	7.0
511.31	446.31	436.31	36.46670678	-79.07460319	09/12/2017	6.9
511.31	446.31	436.31	36.46670678	-79.07460319	01/25/2018	6.8
511.31	446.31	436.31	36.46670678	-79.07460319	05/14/2018	6.8
511.31	446.31	436.31	36.46670678	-79.07460319	10/09/2018	6.7
511.31	446.31	436.31	36.46670678	-79.07460319	01/23/2019	6.9
511.31	446.31	436.31	36.46670678	-79.07460319	07/23/2019	6.8
501.35	470.35	460.35	36.46624236	-79.07307802	05/16/2016	6.8
501.35	470.35	460.35	36.46624236	-79.07307802	07/19/2016	6.5
501.35	470.35	460.35	36.46624236	-79.07307802	09/14/2016	6.6

501.35	470.35	460.35	36.46624236	-79.07307802	11/07/2016	6.6
501.35	470.35	460.35	36.46624236	-79.07307802	01/17/2017	6.6
501.35	470.35	460.35	36.46624236	-79.07307802	03/14/2017	6.6
501.35	470.35	460.35	36.46624236	-79.07307802	05/02/2017	6.6
501.35	470.35	460.35	36.46624236	-79.07307802	07/18/2017	6.7
501.35	470.35	460.35	36.46624236	-79.07307802	09/12/2017	6.6
501.35	470.35	460.35	36.46624236	-79.07307802	01/24/2018	6.6
501.35	470.35	460.35	36.46624236	-79.07307802	05/14/2018	6.5
501.35	470.35	460.35	36.46624236	-79.07307802	10/09/2018	**6.5**
501.35	470.35	460.35	36.46624236	-79.07307802	01/23/2019	6.7
501.35	470.35	460.35	36.46624236	-79.07307802	07/23/2019	6.5
466.52	428.52	418.52	36.46536366	-79.07176177	05/16/2016	6.9
466.52	428.52	418.52	36.46536366	-79.07176177	07/19/2016	6.5
466.52	428.52	418.52	36.46536366	-79.07176177	09/14/2016	6.8
466.52	428.52	418.52	36.46536366	-79.07176177	11/07/2016	6.9
466.52	428.52	418.52	36.46536366	-79.07176177	01/17/2017	6.8
466.52	428.52	418.52	36.46536366	-79.07176177	03/14/2017	6.9
466.52	428.52	418.52	36.46536366	-79.07176177	05/02/2017	6.8
466.52	428.52	418.52	36.46536366	-79.07176177	07/18/2017	6.8
466.52	428.52	418.52	36.46536366	-79.07176177	09/12/2017	6.8
466.52	428.52	418.52	36.46536366	-79.07176177	01/24/2018	6.6
466.52	428.52	418.52	36.46536366	-79.07176177	05/14/2018	6.5
466.52	428.52	418.52	36.46536366	-79.07176177	10/09/2018	**6.5**
466.52	428.52	418.52	36.46536366	-79.07176177	01/30/2019	6.9
466.52	428.52	418.52	36.46536366	-79.07176177	07/23/2019	6.5
482.44	442.44	432.44	36.46411843	-79.07211545	05/16/2016	6.7
482.44	442.44	432.44	36.46411843	-79.07211545	07/19/2016	6.7
482.44	442.44	432.44	36.46411843	-79.07211545	09/14/2016	6.7
482.44	442.44	432.44	36.46411843	-79.07211545	11/07/2016	6.6
482.44	442.44	432.44	36.46411843	-79.07211545	01/17/2017	6.6
482.44	442.44	432.44	36.46411843	-79.07211545	03/14/2017	6.6
482.44	442.44	432.44	36.46411843	-79.07211545	05/02/2017	6.6
482.44	442.44	432.44	36.46411843	-79.07211545	07/18/2017	6.8
482.44	442.44	432.44	36.46411843	-79.07211545	09/12/2017	6.6
482.44	442.44	432.44	36.46411843	-79.07211545	01/24/2018	6.6
482.44	442.44	432.44	36.46411843	-79.07211545	05/14/2018	**6.3**
482.44	442.44	432.44	36.46411843	-79.07211545	10/09/2018	**6.4**
482.44	442.44	432.44	36.46411843	-79.07211545	01/23/2019	6.6
482.44	442.44	432.44	36.46411843	-79.07211545	07/23/2019	**6.5**
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435.92	365.92	355.92	36.48391689	-79.06992302	10/07/2019	7.3
436.29	396.29	386.29	36.48392435	-79.06993684	10/07/2019	7.0
436.76	416.76	406.76	36.48392982	-79.06994958	10/07/2019	6.6
428.64	336.64	326.64	36.48706852	-79.07158631	10/08/2019	**6.4**

428.83	386.83	376.83	36.48707657	-79.07160350	10/07/2019	**6.3**
428.69	413.69	403.69	36.48708478	-79.07161901	10/08/2019	**5.8**
434.31	384.31	374.31	36.48557182	-79.07430110	10/07/2019	**5.9**
434.17	424.17	414.17	36.48554576	-79.07430811	10/07/2019	**6.1**
435.72	333.72	318.72	36.48761456	-79.07320063	10/08/2019	6.9
435.81	385.81	375.81	36.48761702	-79.07316795	10/08/2019	6.7
435.02	417.02	407.02	36.48761140	-79.07323055	10/08/2019	**6.5**
432.41	322.41	312.41	36.48794622	-79.07528287	10/08/2019	7.3
431.76	412.76	402.76	36.48791733	-79.07528099	10/08/2019	**6.4**
435.26	360.26	350.26	36.48887973	-79.07340154	10/09/2019	**6.2**
435.64	386.64	376.64	36.48887976	-79.07343080	10/09/2019	**6.3**
434.54	412.54	402.54	36.48888064	-79.07336308	10/09/2019	**6.5**
505.77	485.82	466.02	36.48205452	-79.05777710	11/30/2010	6.9
505.77	485.82	466.02	36.48205452	-79.05777710	04/18/2011	6.5
505.77	485.82	466.02	36.48205452	-79.05777710	07/13/2011	**6.2**
505.77	485.82	466.02	36.48205452	-79.05777710	11/01/2011	6.7
505.77	485.82	466.02	36.48205452	-79.05777710	04/03/2012	**6.4**
505.77	485.82	466.02	36.48205452	-79.05777710	07/11/2012	**6.4**
505.77	485.82	466.02	36.48205452	-79.05777710	11/07/2012	6.5
505.77	485.82	466.02	36.48205452	-79.05777710	04/09/2013	6.5
505.77	485.82	466.02	36.48205452	-79.05777710	07/08/2013	**6.2**
505.77	485.82	466.02	36.48205452	-79.05777710	11/12/2013	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	04/03/2014	6.5
505.77	485.82	466.02	36.48205452	-79.05777710	07/15/2014	**6.4**
505.77	485.82	466.02	36.48205452	-79.05777710	11/11/2014	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	04/20/2015	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	07/08/2015	**6.4**
505.77	485.82	466.02	36.48205452	-79.05777710	09/15/2015	**6.2**
505.77	485.82	466.02	36.48205452	-79.05777710	11/05/2015	6.6
505.77	485.82	466.02	36.48205452	-79.05777710	12/04/2015	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	01/06/2016	6.5
505.77	485.82	466.02	36.48205452	-79.05777710	04/07/2016	**6.4**
505.77	485.82	466.02	36.48205452	-79.05777710	07/12/2016	**6.4**
505.77	485.82	466.02	36.48205452	-79.05777710	11/01/2016	**6.4**
505.77	485.82	466.02	36.48205452	-79.05777710	11/01/2016	**6.4**
505.77	485.82	466.02	36.48205452	-79.05777710	02/07/2017	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	04/11/2017	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	04/11/2017	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	07/19/2017	**6.2**
505.77	485.82	466.02	36.48205452	-79.05777710	07/19/2017	**6.2**
505.77	485.82	466.02	36.48205452	-79.05777710	11/14/2017	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	11/14/2017	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	02/01/2018	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	04/11/2018	**6.2**
505.77	485.82	466.02	36.48205452	-79.05777710	04/11/2018	**6.2**

505.77	485.82	466.02	36.48205452	-79.05777710	07/25/2018	**6.0**
505.77	485.82	466.02	36.48205452	-79.05777710	07/25/2018	**6.0**
505.77	485.82	466.02	36.48205452	-79.05777710	11/13/2018	**6.1**
505.77	485.82	466.02	36.48205452	-79.05777710	11/13/2018	**6.1**
505.77	485.82	466.02	36.48205452	-79.05777710	04/24/2019	**5.8**
505.77	485.82	466.02	36.48205452	-79.05777710	04/24/2019	**5.8**
505.77	485.82	466.02	36.48205452	-79.05777710	07/29/2019	**6.2**
505.77	485.82	466.02	36.48205452	-79.05777710	10/23/2019	**6.1**
505.77	485.82	466.02	36.48205452	-79.05777710	11/12/2019	**6.2**
421.74	414.04	404.24	36.47834131	-79.07664582	11/29/2010	7.4
421.74	414.04	404.24	36.47834131	-79.07664582	04/19/2011	6.9
421.74	414.04	404.24	36.47834131	-79.07664582	07/13/2011	6.9
421.74	414.04	404.24	36.47834131	-79.07664582	11/02/2011	7.2
421.74	414.04	404.24	36.47834131	-79.07664582	04/02/2012	7.2
421.74	414.04	404.24	36.47834131	-79.07664582	07/11/2012	7.1
421.74	414.04	404.24	36.47834131	-79.07664582	11/06/2012	6.9
421.74	414.04	404.24	36.47834131	-79.07664582	04/08/2013	7.1
421.74	414.04	404.24	36.47834131	-79.07664582	07/08/2013	7.0
421.74	414.04	404.24	36.47834131	-79.07664582	11/11/2013	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	04/04/2014	7.1
421.74	414.04	404.24	36.47834131	-79.07664582	07/15/2014	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	11/11/2014	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	04/16/2015	7.0
421.74	414.04	404.24	36.47834131	-79.07664582	07/08/2015	7.1
421.74	414.04	404.24	36.47834131	-79.07664582	09/15/2015	6.9
421.74	414.04	404.24	36.47834131	-79.07664582	11/05/2015	**6.0**
421.74	414.04	404.24	36.47834131	-79.07664582	04/07/2016	7.0
421.74	414.04	404.24	36.47834131	-79.07664582	07/12/2016	6.9
421.74	414.04	404.24	36.47834131	-79.07664582	11/01/2016	6.9
421.74	414.04	404.24	36.47834131	-79.07664582	11/01/2016	6.9
421.74	414.04	404.24	36.47834131	-79.07664582	02/08/2017	6.9
421.74	414.04	404.24	36.47834131	-79.07664582	04/11/2017	7.0
421.74	414.04	404.24	36.47834131	-79.07664582	04/11/2017	7.0
421.74	414.04	404.24	36.47834131	-79.07664582	07/18/2017	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	07/18/2017	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	11/14/2017	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	11/14/2017	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	01/30/2018	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	04/11/2018	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	04/11/2018	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	07/25/2018	6.5
421.74	414.04	404.24	36.47834131	-79.07664582	07/25/2018	6.5
421.74	414.04	404.24	36.47834131	-79.07664582	11/13/2018	6.7
421.74	414.04	404.24	36.47834131	-79.07664582	11/13/2018	6.7
421.74	414.04	404.24	36.47834131	-79.07664582	01/24/2019	6.7

421.74	414.04	404.24	36.47834131	-79.07664582	04/24/2019	**6.4**
421.74	414.04	404.24	36.47834131	-79.07664582	04/24/2019	**6.4**
421.74	414.04	404.24	36.47834131	-79.07664582	07/24/2019	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	07/24/2019	6.8
421.74	414.04	404.24	36.47834131	-79.07664582	11/04/2019	6.7
421.74	414.04	404.24	36.47834131	-79.07664582	11/12/2019	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	11/29/2010	7.0
422.15	397.05	392.25	36.47833258	-79.07662676	04/19/2011	6.6
422.15	397.05	392.25	36.47833258	-79.07662676	07/13/2011	6.9
422.15	397.05	392.25	36.47833258	-79.07662676	11/02/2011	7.1
422.15	397.05	392.25	36.47833258	-79.07662676	04/02/2012	7.1
422.15	397.05	392.25	36.47833258	-79.07662676	07/11/2012	6.9
422.15	397.05	392.25	36.47833258	-79.07662676	11/06/2012	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	04/08/2013	6.9
422.15	397.05	392.25	36.47833258	-79.07662676	07/08/2013	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	11/11/2013	6.6
422.15	397.05	392.25	36.47833258	-79.07662676	04/04/2014	7.0
422.15	397.05	392.25	36.47833258	-79.07662676	07/15/2014	6.7
422.15	397.05	392.25	36.47833258	-79.07662676	11/11/2014	6.7
422.15	397.05	392.25	36.47833258	-79.07662676	04/16/2015	6.9
422.15	397.05	392.25	36.47833258	-79.07662676	07/08/2015	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	09/15/2015	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	11/05/2015	**6.2**
422.15	397.05	392.25	36.47833258	-79.07662676	04/07/2016	7.0
422.15	397.05	392.25	36.47833258	-79.07662676	07/12/2016	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	11/01/2016	6.7
422.15	397.05	392.25	36.47833258	-79.07662676	11/01/2016	6.7
422.15	397.05	392.25	36.47833258	-79.07662676	02/08/2017	6.7
422.15	397.05	392.25	36.47833258	-79.07662676	04/11/2017	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	04/11/2017	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	07/18/2017	6.7
422.15	397.05	392.25	36.47833258	-79.07662676	07/18/2017	6.7
422.15	397.05	392.25	36.47833258	-79.07662676	11/14/2017	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	11/14/2017	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	01/30/2018	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	04/11/2018	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	04/11/2018	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	07/25/2018	6.5
422.15	397.05	392.25	36.47833258	-79.07662676	07/25/2018	6.5
422.15	397.05	392.25	36.47833258	-79.07662676	11/13/2018	6.6
422.15	397.05	392.25	36.47833258	-79.07662676	11/13/2018	6.6
422.15	397.05	392.25	36.47833258	-79.07662676	04/24/2019	6.5
422.15	397.05	392.25	36.47833258	-79.07662676	04/24/2019	6.5
422.15	397.05	392.25	36.47833258	-79.07662676	07/24/2019	7.0
422.15	397.05	392.25	36.47833258	-79.07662676	11/04/2019	6.7

422.15	397.05	392.25	36.47833258	-79.07662676	11/12/2019	6.7
448.46	445.06	437.06	36.46694848	-79.07711661	11/30/2010	6.9
448.46	445.06	437.06	36.46694848	-79.07711661	04/19/2011	**5.9**
448.46	445.06	437.06	36.46694848	-79.07711661	07/13/2011	**6.4**
448.46	445.06	437.06	36.46694848	-79.07711661	11/02/2011	6.8
448.46	445.06	437.06	36.46694848	-79.07711661	04/02/2012	**6.3**
448.46	445.06	437.06	36.46694848	-79.07711661	07/11/2012	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	11/07/2012	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	04/08/2013	**5.6**
448.46	445.06	437.06	36.46694848	-79.07711661	07/08/2013	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	11/11/2013	**6.4**
448.46	445.06	437.06	36.46694848	-79.07711661	04/04/2014	**6.0**
448.46	445.06	437.06	36.46694848	-79.07711661	07/15/2014	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	11/11/2014	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	04/16/2015	**5.8**
448.46	445.06	437.06	36.46694848	-79.07711661	07/08/2015	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	09/15/2015	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	11/04/2015	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	04/07/2016	**6.1**
448.46	445.06	437.06	36.46694848	-79.07711661	07/12/2016	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	11/01/2016	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	11/01/2016	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	02/08/2017	**6.4**
448.46	445.06	437.06	36.46694848	-79.07711661	04/11/2017	**6.2**
448.46	445.06	437.06	36.46694848	-79.07711661	04/11/2017	**6.2**
448.46	445.06	437.06	36.46694848	-79.07711661	07/18/2017	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	07/18/2017	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	11/14/2017	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	11/14/2017	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	01/30/2018	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	04/10/2018	**6.0**
448.46	445.06	437.06	36.46694848	-79.07711661	04/10/2018	**6.0**
448.46	445.06	437.06	36.46694848	-79.07711661	07/25/2018	**6.4**
448.46	445.06	437.06	36.46694848	-79.07711661	07/25/2018	**6.4**
448.46	445.06	437.06	36.46694848	-79.07711661	11/13/2018	**6.1**
448.46	445.06	437.06	36.46694848	-79.07711661	11/13/2018	**6.1**
448.46	445.06	437.06	36.46694848	-79.07711661	01/30/2019	**6.2**
448.46	445.06	437.06	36.46694848	-79.07711661	04/24/2019	**5.6**
448.46	445.06	437.06	36.46694848	-79.07711661	04/24/2019	**5.6**
448.46	445.06	437.06	36.46694848	-79.07711661	07/24/2019	**6.3**
448.46	445.06	437.06	36.46694848	-79.07711661	07/24/2019	**6.3**
448.46	445.06	437.06	36.46694848	-79.07711661	10/30/2019	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	11/12/2019	6.5
448.12	406.42	401.62	36.46694794	-79.07714367	11/30/2010	7.8
448.12	406.42	401.62	36.46694794	-79.07714367	04/19/2011	7.5

448.12	406.42	401.62	36.46694794	-79.07714367	07/13/2011	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	11/02/2011	7.7
448.12	406.42	401.62	36.46694794	-79.07714367	04/02/2012	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	07/11/2012	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	11/07/2012	7.6
448.12	406.42	401.62	36.46694794	-79.07714367	04/08/2013	7.3
448.12	406.42	401.62	36.46694794	-79.07714367	07/08/2013	7.6
448.12	406.42	401.62	36.46694794	-79.07714367	11/11/2013	7.4
448.12	406.42	401.62	36.46694794	-79.07714367	04/04/2014	7.7
448.12	406.42	401.62	36.46694794	-79.07714367	07/15/2014	7.6
448.12	406.42	401.62	36.46694794	-79.07714367	11/11/2014	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	04/16/2015	7.6
448.12	406.42	401.62	36.46694794	-79.07714367	07/08/2015	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	09/16/2015	7.8
448.12	406.42	401.62	36.46694794	-79.07714367	11/04/2015	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	04/07/2016	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	07/12/2016	7.7
448.12	406.42	401.62	36.46694794	-79.07714367	11/01/2016	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	11/01/2016	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	02/08/2017	7.3
448.12	406.42	401.62	36.46694794	-79.07714367	04/11/2017	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	04/11/2017	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	07/18/2017	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	07/18/2017	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	11/14/2017	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	11/14/2017	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	01/30/2018	7.7
448.12	406.42	401.62	36.46694794	-79.07714367	04/10/2018	7.4
448.12	406.42	401.62	36.46694794	-79.07714367	04/10/2018	7.4
448.12	406.42	401.62	36.46694794	-79.07714367	07/25/2018	7.4
448.12	406.42	401.62	36.46694794	-79.07714367	07/25/2018	7.4
448.12	406.42	401.62	36.46694794	-79.07714367	11/13/2018	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	11/13/2018	7.5
448.12	406.42	401.62	36.46694794	-79.07714367	04/24/2019	7.2
448.12	406.42	401.62	36.46694794	-79.07714367	04/24/2019	7.2
448.12	406.42	401.62	36.46694794	-79.07714367	07/24/2019	7.3
448.12	406.42	401.62	36.46694794	-79.07714367	10/30/2019	7.4
448.12	406.42	401.62	36.46694794	-79.07714367	11/12/2019	7.5
477.26	452.94	438.26	36.46374186	-79.07277518	11/30/2010	7.1
477.26	452.94	438.26	36.46374186	-79.07277518	04/19/2011	6.6
477.26	452.94	438.26	36.46374186	-79.07277518	07/13/2011	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	11/02/2011	7.0
477.26	452.94	438.26	36.46374186	-79.07277518	04/02/2012	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	07/11/2012	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	11/07/2012	6.8

477.26	452.94	438.26	36.46374186	-79.07277518	04/08/2013	6.6
477.26	452.94	438.26	36.46374186	-79.07277518	07/08/2013	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	11/11/2013	6.6
477.26	452.94	438.26	36.46374186	-79.07277518	04/04/2014	6.6
477.26	452.94	438.26	36.46374186	-79.07277518	07/15/2014	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	11/11/2014	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	04/16/2015	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	07/09/2015	6.6
477.26	452.94	438.26	36.46374186	-79.07277518	09/15/2015	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	11/04/2015	6.9
477.26	452.94	438.26	36.46374186	-79.07277518	12/04/2015	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	01/05/2016	7.1
477.26	452.94	438.26	36.46374186	-79.07277518	04/07/2016	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	07/12/2016	6.5
477.26	452.94	438.26	36.46374186	-79.07277518	11/01/2016	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	11/01/2016	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	02/08/2017	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	04/11/2017	6.9
477.26	452.94	438.26	36.46374186	-79.07277518	04/11/2017	6.9
477.26	452.94	438.26	36.46374186	-79.07277518	07/18/2017	6.6
477.26	452.94	438.26	36.46374186	-79.07277518	07/18/2017	6.6
477.26	452.94	438.26	36.46374186	-79.07277518	11/14/2017	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	11/14/2017	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	01/30/2018	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	04/10/2018	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	04/10/2018	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	07/25/2018	**6.5**
477.26	452.94	438.26	36.46374186	-79.07277518	07/25/2018	**6.5**
477.26	452.94	438.26	36.46374186	-79.07277518	11/14/2018	6.5
477.26	452.94	438.26	36.46374186	-79.07277518	11/14/2018	6.5
477.26	452.94	438.26	36.46374186	-79.07277518	04/23/2019	**6.4**
477.26	452.94	438.26	36.46374186	-79.07277518	04/23/2019	**6.4**
477.26	452.94	438.26	36.46374186	-79.07277518	07/29/2019	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	10/30/2019	6.7
477.26	452.94	438.26	36.46374186	-79.07277518	11/12/2019	6.7
457.43	452.73	437.93	36.47826950	-79.07359498	11/29/2010	6.7
457.43	452.73	437.93	36.47826950	-79.07359498	04/19/2011	6.5
457.43	452.73	437.93	36.47826950	-79.07359498	07/13/2011	**6.4**
457.43	452.73	437.93	36.47826950	-79.07359498	11/02/2011	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	04/02/2012	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	07/11/2012	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	11/07/2012	6.5
457.43	452.73	437.93	36.47826950	-79.07359498	04/09/2013	**6.4**
457.43	452.73	437.93	36.47826950	-79.07359498	07/08/2013	**6.4**
457.43	452.73	437.93	36.47826950	-79.07359498	11/11/2013	**6.4**

457.43	452.73	437.93	36.47826950	-79.07359498	04/04/2014	6.5
457.43	452.73	437.93	36.47826950	-79.07359498	07/15/2014	**6.4**
457.43	452.73	437.93	36.47826950	-79.07359498	11/11/2014	6.5
457.43	452.73	437.93	36.47826950	-79.07359498	04/16/2015	6.5
457.43	452.73	437.93	36.47826950	-79.07359498	07/08/2015	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	09/15/2015	**6.4**
457.43	452.73	437.93	36.47826950	-79.07359498	11/04/2015	6.9
457.43	452.73	437.93	36.47826950	-79.07359498	04/07/2016	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	07/12/2016	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	11/01/2016	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	11/01/2016	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	02/08/2017	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	04/11/2017	6.8
457.43	452.73	437.93	36.47826950	-79.07359498	04/11/2017	6.8
457.43	452.73	437.93	36.47826950	-79.07359498	07/18/2017	6.5
457.43	452.73	437.93	36.47826950	-79.07359498	07/18/2017	6.5
457.43	452.73	437.93	36.47826950	-79.07359498	11/14/2017	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	11/14/2017	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	01/31/2018	6.8
457.43	452.73	437.93	36.47826950	-79.07359498	04/11/2018	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	04/11/2018	6.6
457.43	452.73	437.93	36.47826950	-79.07359498	07/25/2018	**6.3**
457.43	452.73	437.93	36.47826950	-79.07359498	07/25/2018	**6.3**
457.43	452.73	437.93	36.47826950	-79.07359498	11/13/2018	**6.4**
457.43	452.73	437.93	36.47826950	-79.07359498	11/13/2018	**6.4**
457.43	452.73	437.93	36.47826950	-79.07359498	04/24/2019	**6.2**
457.43	452.73	437.93	36.47826950	-79.07359498	04/24/2019	**6.2**
457.43	452.73	437.93	36.47826950	-79.07359498	07/29/2019	**6.5**
457.43	452.73	437.93	36.47826950	-79.07359498	11/04/2019	**6.5**
457.43	452.73	437.93	36.47826950	-79.07359498	11/12/2019	**6.5**
433.62	408.62	403.62	36.48088958	-79.06822557	05/24/2016	6.7
433.62	408.62	403.62	36.48088958	-79.06822557	07/20/2016	6.7
433.62	408.62	403.62	36.48088958	-79.06822557	09/16/2016	7.1
433.62	408.62	403.62	36.48088958	-79.06822557	11/10/2016	6.7
433.62	408.62	403.62	36.48088958	-79.06822557	01/19/2017	6.7
433.62	408.62	403.62	36.48088958	-79.06822557	03/16/2017	6.7
433.62	408.62	403.62	36.48088958	-79.06822557	05/01/2017	6.6
433.62	408.62	403.62	36.48088958	-79.06822557	07/20/2017	6.8
433.62	408.62	403.62	36.48088958	-79.06822557	09/14/2017	6.8
433.62	408.62	403.62	36.48088958	-79.06822557	01/23/2018	6.8
433.62	408.62	403.62	36.48088958	-79.06822557	05/16/2018	6.6
433.62	408.62	403.62	36.48088958	-79.06822557	10/08/2018	6.6
433.62	408.62	403.62	36.48088958	-79.06822557	01/29/2019	6.9
433.62	408.62	403.62	36.48088958	-79.06822557	07/25/2019	6.8
422.46	399.46	394.46	36.48185369	-79.06616623	05/10/2016	6.6

422.46	399.46	394.46	36.48185369	-79.06616623	07/20/2016	6.5
422.46	399.46	394.46	36.48185369	-79.06616623	09/16/2016	6.6
422.46	399.46	394.46	36.48185369	-79.06616623	11/10/2016	6.6
422.46	399.46	394.46	36.48185369	-79.06616623	01/19/2017	6.6
422.46	399.46	394.46	36.48185369	-79.06616623	03/16/2017	6.7
422.46	399.46	394.46	36.48185369	-79.06616623	05/01/2017	6.7
422.46	399.46	394.46	36.48185369	-79.06616623	07/20/2017	6.7
422.46	399.46	394.46	36.48185369	-79.06616623	09/14/2017	6.6
422.46	399.46	394.46	36.48185369	-79.06616623	01/24/2018	6.7
422.46	399.46	394.46	36.48185369	-79.06616623	05/16/2018	6.6
422.46	399.46	394.46	36.48185369	-79.06616623	10/08/2018	6.6
422.46	399.46	394.46	36.48185369	-79.06616623	01/30/2019	6.7
422.46	399.46	394.46	36.48185369	-79.06616623	07/15/2019	6.6
422.46	399.46	394.46	36.48185369	-79.06616623	07/25/2019	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	12/19/2002	6.8
477.76	447.76	432.76	36.48143363	-79.06456918	05/28/2003	**6.5**
477.76	447.76	432.76	36.48143363	-79.06456918	11/12/2003	NM
477.76	447.76	432.76	36.48143363	-79.06456918	05/20/2004	NM
477.76	447.76	432.76	36.48143363	-79.06456918	11/17/2004	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	05/18/2005	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	11/16/2005	**6.2**
477.76	447.76	432.76	36.48143363	-79.06456918	05/22/2006	**5.8**
477.76	447.76	432.76	36.48143363	-79.06456918	11/15/2006	7.4
477.76	447.76	432.76	36.48143363	-79.06456918	05/23/2007	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	11/06/2007	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	05/22/2008	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	11/19/2008	**6.5**
477.76	447.76	432.76	36.48143363	-79.06456918	05/07/2009	6.8
477.76	447.76	432.76	36.48143363	-79.06456918	11/10/2009	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	05/26/2010	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	11/16/2010	7.1
477.76	447.76	432.76	36.48143363	-79.06456918	04/19/2011	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	11/01/2011	6.7
477.76	447.76	432.76	36.48143363	-79.06456918	04/03/2012	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	11/07/2012	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	04/09/2013	6.7
477.76	447.76	432.76	36.48143363	-79.06456918	11/12/2013	6.7
477.76	447.76	432.76	36.48143363	-79.06456918	04/03/2014	6.7
477.76	447.76	432.76	36.48143363	-79.06456918	11/10/2014	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	04/21/2015	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	07/01/2015	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	09/14/2015	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	11/04/2015	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	04/06/2016	6.9
477.76	447.76	432.76	36.48143363	-79.06456918	05/11/2016	6.5

477.76	447.76	432.76	36.48143363	-79.06456918	07/21/2016	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	09/19/2016	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	11/01/2016	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	11/01/2016	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	11/01/2016	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	01/19/2017	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	02/10/2017	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	03/15/2017	6.7
477.76	447.76	432.76	36.48143363	-79.06456918	04/11/2017	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	04/11/2017	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	05/02/2017	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	07/20/2017	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	07/20/2017	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	09/14/2017	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	11/14/2017	6.7
477.76	447.76	432.76	36.48143363	-79.06456918	11/14/2017	6.7
477.76	447.76	432.76	36.48143363	-79.06456918	01/23/2018	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	01/23/2018	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	04/10/2018	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	04/10/2018	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	05/16/2018	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	07/26/2018	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	10/08/2018	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	11/12/2018	**6.3**
477.76	447.76	432.76	36.48143363	-79.06456918	11/12/2018	**6.3**
477.76	447.76	432.76	36.48143363	-79.06456918	01/30/2019	6.7
477.76	447.76	432.76	36.48143363	-79.06456918	04/30/2019	**6.5**
477.76	447.76	432.76	36.48143363	-79.06456918	04/30/2019	**6.5**
477.76	447.76	432.76	36.48143363	-79.06456918	07/29/2019	**6.5**
477.76	447.76	432.76	36.48143363	-79.06456918	10/30/2019	6.6
477.76	447.76	432.76	36.48143363	-79.06456918	11/11/2019	**6.5**
496.96	457.96	442.96	36.47657482	-79.06442681	12/19/2002	6.7
496.96	457.96	442.96	36.47657482	-79.06442681	05/29/2003	**6.4**
496.96	457.96	442.96	36.47657482	-79.06442681	11/12/2003	NM
496.96	457.96	442.96	36.47657482	-79.06442681	05/25/2004	NM
496.96	457.96	442.96	36.47657482	-79.06442681	11/17/2004	**6.3**
496.96	457.96	442.96	36.47657482	-79.06442681	05/18/2005	**6.2**
496.96	457.96	442.96	36.47657482	-79.06442681	11/16/2005	**6.0**
496.96	457.96	442.96	36.47657482	-79.06442681	05/22/2006	**5.5**
496.96	457.96	442.96	36.47657482	-79.06442681	11/15/2006	7.6
496.96	457.96	442.96	36.47657482	-79.06442681	05/23/2007	**6.2**
496.96	457.96	442.96	36.47657482	-79.06442681	11/06/2007	**6.2**
496.96	457.96	442.96	36.47657482	-79.06442681	05/22/2008	**6.3**
496.96	457.96	442.96	36.47657482	-79.06442681	11/19/2008	**6.3**
496.96	457.96	442.96	36.47657482	-79.06442681	05/07/2009	**6.4**

496.96	457.96	442.96	36.47657482	-79.06442681	11/10/2009	**6.1**
496.96	457.96	442.96	36.47657482	-79.06442681	05/26/2010	**6.0**
496.96	457.96	442.96	36.47657482	-79.06442681	11/18/2010	7.3
496.96	457.96	442.96	36.47657482	-79.06442681	04/18/2011	7.0
496.96	457.96	442.96	36.47657482	-79.06442681	11/02/2011	6.9
496.96	457.96	442.96	36.47657482	-79.06442681	04/03/2012	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	11/08/2012	6.9
496.96	457.96	442.96	36.47657482	-79.06442681	04/09/2013	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	11/12/2013	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	04/03/2014	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	11/10/2014	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	04/21/2015	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	09/15/2015	6.6
496.96	457.96	442.96	36.47657482	-79.06442681	11/05/2015	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	04/06/2016	6.6
496.96	457.96	442.96	36.47657482	-79.06442681	11/02/2016	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	11/02/2016	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	02/07/2017	6.6
496.96	457.96	442.96	36.47657482	-79.06442681	04/12/2017	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	04/12/2017	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	07/25/2017	6.7
496.96	457.96	442.96	36.47657482	-79.06442681	11/15/2017	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	11/15/2017	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	01/31/2018	6.8
496.96	457.96	442.96	36.47657482	-79.06442681	04/10/2018	6.7
496.96	457.96	442.96	36.47657482	-79.06442681	04/10/2018	6.7
496.96	457.96	442.96	36.47657482	-79.06442681	07/25/2018	**6.4**
496.96	457.96	442.96	36.47657482	-79.06442681	11/13/2018	6.5
496.96	457.96	442.96	36.47657482	-79.06442681	11/13/2018	6.5
496.96	457.96	442.96	36.47657482	-79.06442681	04/30/2019	**6.4**
496.96	457.96	442.96	36.47657482	-79.06442681	04/30/2019	**6.4**
496.96	457.96	442.96	36.47657482	-79.06442681	07/24/2019	6.7
496.96	457.96	442.96	36.47657482	-79.06442681	10/30/2019	6.6
496.96	457.96	442.96	36.47657482	-79.06442681	11/11/2019	**6.4**
525.58	472.58	462.58	36.47496150	-79.06077086	12/19/2002	7.0
525.58	472.58	462.58	36.47496150	-79.06077086	05/29/2003	7.0
525.58	472.58	462.58	36.47496150	-79.06077086	11/12/2003	NM
525.58	472.58	462.58	36.47496150	-79.06077086	05/25/2004	NM
525.58	472.58	462.58	36.47496150	-79.06077086	11/17/2004	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	05/18/2005	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	11/16/2005	**6.3**
525.58	472.58	462.58	36.47496150	-79.06077086	05/22/2006	**6.0**
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525.58	472.58	462.58	36.47496150	-79.06077086	05/23/2007	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	11/06/2007	6.6

525.58	472.58	462.58	36.47496150	-79.06077086	05/22/2008	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	11/19/2008	6.7
525.58	472.58	462.58	36.47496150	-79.06077086	05/07/2009	6.9
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525.58	472.58	462.58	36.47496150	-79.06077086	11/17/2010	7.1
525.58	472.58	462.58	36.47496150	-79.06077086	04/19/2011	**6.5**
525.58	472.58	462.58	36.47496150	-79.06077086	11/01/2011	6.9
525.58	472.58	462.58	36.47496150	-79.06077086	04/03/2012	**6.4**
525.58	472.58	462.58	36.47496150	-79.06077086	11/08/2012	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	04/09/2013	6.5
525.58	472.58	462.58	36.47496150	-79.06077086	11/12/2013	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	04/03/2014	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	11/10/2014	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	04/21/2015	6.5
525.58	472.58	462.58	36.47496150	-79.06077086	09/15/2015	6.5
525.58	472.58	462.58	36.47496150	-79.06077086	11/05/2015	6.5
525.58	472.58	462.58	36.47496150	-79.06077086	04/06/2016	6.5
525.58	472.58	462.58	36.47496150	-79.06077086	07/12/2016	NM
525.58	472.58	462.58	36.47496150	-79.06077086	07/14/2016	6.7
525.58	472.58	462.58	36.47496150	-79.06077086	11/02/2016	6.7
525.58	472.58	462.58	36.47496150	-79.06077086	11/02/2016	6.7
525.58	472.58	462.58	36.47496150	-79.06077086	02/07/2017	6.5
525.58	472.58	462.58	36.47496150	-79.06077086	04/12/2017	6.5
525.58	472.58	462.58	36.47496150	-79.06077086	04/12/2017	6.5
525.58	472.58	462.58	36.47496150	-79.06077086	07/25/2017	6.8
525.58	472.58	462.58	36.47496150	-79.06077086	11/15/2017	6.7
525.58	472.58	462.58	36.47496150	-79.06077086	11/15/2017	6.7
525.58	472.58	462.58	36.47496150	-79.06077086	01/31/2018	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	04/11/2018	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	04/11/2018	6.6
525.58	472.58	462.58	36.47496150	-79.06077086	07/26/2018	**6.5**
525.73	478.73	468.73	36.47498553	-79.06083137	09/06/2018	6.6
525.73	478.73	468.73	36.47498553	-79.06083137	09/20/2018	6.6
525.73	478.73	468.73	36.47498553	-79.06083137	11/12/2018	6.6
525.73	478.73	468.73	36.47498553	-79.06083137	11/12/2018	6.6
525.73	478.73	468.73	36.47498553	-79.06083137	01/30/2019	6.8
525.73	478.73	468.73	36.47498553	-79.06083137	04/30/2019	6.6
525.73	478.73	468.73	36.47498553	-79.06083137	04/30/2019	6.6
525.73	478.73	468.73	36.47498553	-79.06083137	07/30/2019	6.8
525.73	478.73	468.73	36.47498553	-79.06083137	10/23/2019	6.6
525.73	478.73	468.73	36.47498553	-79.06083137	11/11/2019	6.6
533.80	503.80	488.80	36.47470072	-79.05760960	12/19/2002	6.9
533.80	503.80	488.80	36.47470072	-79.05760960	05/28/2003	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	11/12/2003	NM

533.80	503.80	488.80	36.47470072	-79.05760960	05/25/2004	NM
533.80	503.80	488.80	36.47470072	-79.05760960	11/17/2004	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	05/18/2005	**6.0**
533.80	503.80	488.80	36.47470072	-79.05760960	11/16/2005	**5.7**
533.80	503.80	488.80	36.47470072	-79.05760960	05/22/2006	**5.4**
533.80	503.80	488.80	36.47470072	-79.05760960	11/15/2006	6.6
533.80	503.80	488.80	36.47470072	-79.05760960	05/23/2007	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	11/06/2007	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	05/22/2008	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	11/19/2008	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	05/07/2009	**6.4**
533.80	503.80	488.80	36.47470072	-79.05760960	11/10/2009	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	05/24/2010	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	11/17/2010	6.7
533.80	503.80	488.80	36.47470072	-79.05760960	04/19/2011	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	11/01/2011	6.8
533.80	503.80	488.80	36.47470072	-79.05760960	04/03/2012	6.6
533.80	503.80	488.80	36.47470072	-79.05760960	11/08/2012	6.5
533.80	503.80	488.80	36.47470072	-79.05760960	04/09/2013	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	11/12/2013	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	04/03/2014	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	11/10/2014	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	04/21/2015	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	09/14/2015	**6.0**
533.80	503.80	488.80	36.47470072	-79.05760960	11/05/2015	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	04/06/2016	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	05/10/2016	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	07/20/2016	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	09/21/2016	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	11/02/2016	6.5
533.80	503.80	488.80	36.47470072	-79.05760960	11/02/2016	6.5
533.80	503.80	488.80	36.47470072	-79.05760960	11/02/2016	6.5
533.80	503.80	488.80	36.47470072	-79.05760960	01/19/2017	6.6
533.80	503.80	488.80	36.47470072	-79.05760960	02/09/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	03/16/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	04/11/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	04/11/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	05/03/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	07/20/2017	**6.4**
533.80	503.80	488.80	36.47470072	-79.05760960	07/20/2017	**6.4**
533.80	503.80	488.80	36.47470072	-79.05760960	09/13/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	11/14/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	11/14/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	01/23/2018	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	01/23/2018	**6.3**

533.80	503.80	488.80	36.47470072	-79.05760960	04/11/2018	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	04/11/2018	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	05/16/2018	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	07/26/2018	**6.0**
533.80	503.80	488.80	36.47470072	-79.05760960	10/08/2018	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	11/12/2018	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	11/12/2018	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	01/29/2019	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	04/30/2019	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	04/30/2019	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	07/25/2019	**5.8**
533.80	503.80	488.80	36.47470072	-79.05760960	10/30/2019	**6.4**
533.80	503.80	488.80	36.47470072	-79.05760960	11/11/2019	**6.1**
490.97	460.97	445.97	36.48206422	-79.06316151	12/19/2002	6.8
490.97	460.97	445.97	36.48206422	-79.06316151	05/28/2003	**6.3**
490.97	460.97	445.97	36.48206422	-79.06316151	11/12/2003	NM
490.97	460.97	445.97	36.48206422	-79.06316151	05/25/2004	NM
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490.97	460.97	445.97	36.48206422	-79.06316151	05/18/2005	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	11/16/2005	**5.8**
490.97	460.97	445.97	36.48206422	-79.06316151	05/22/2006	**5.5**
490.97	460.97	445.97	36.48206422	-79.06316151	11/15/2006	7.2
490.97	460.97	445.97	36.48206422	-79.06316151	05/23/2007	**6.1**
490.97	460.97	445.97	36.48206422	-79.06316151	11/06/2007	**6.1**
490.97	460.97	445.97	36.48206422	-79.06316151	05/22/2008	**6.1**
490.97	460.97	445.97	36.48206422	-79.06316151	11/19/2008	**6.2**
490.97	460.97	445.97	36.48206422	-79.06316151	05/07/2009	**6.5**
490.97	460.97	445.97	36.48206422	-79.06316151	11/10/2009	**6.2**
490.97	460.97	445.97	36.48206422	-79.06316151	05/24/2010	**6.1**
490.97	460.97	445.97	36.48206422	-79.06316151	11/16/2010	6.6
490.97	460.97	445.97	36.48206422	-79.06316151	04/19/2011	**5.9**
490.97	460.97	445.97	36.48206422	-79.06316151	11/01/2011	**6.3**
490.97	460.97	445.97	36.48206422	-79.06316151	04/03/2012	**6.1**
490.97	460.97	445.97	36.48206422	-79.06316151	11/07/2012	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	04/09/2013	**5.9**
490.97	460.97	445.97	36.48206422	-79.06316151	11/12/2013	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	04/03/2014	**5.8**
490.97	460.97	445.97	36.48206422	-79.06316151	11/11/2014	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	04/21/2015	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	09/15/2015	**5.8**
490.97	460.97	445.97	36.48206422	-79.06316151	11/05/2015	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	04/06/2016	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	05/10/2016	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	07/21/2016	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	09/19/2016	**6.1**

490.97	460.97	445.97	36.48206422	-79.06316151	11/01/2016	**6.2**
490.97	460.97	445.97	36.48206422	-79.06316151	11/01/2016	**6.2**
490.97	460.97	445.97	36.48206422	-79.06316151	11/01/2016	**6.2**
490.97	460.97	445.97	36.48206422	-79.06316151	01/24/2017	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	01/24/2017	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	03/15/2017	**6.2**
490.97	460.97	445.97	36.48206422	-79.06316151	04/12/2017	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	04/12/2017	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	05/02/2017	**6.1**
490.97	460.97	445.97	36.48206422	-79.06316151	07/20/2017	**6.2**
490.97	460.97	445.97	36.48206422	-79.06316151	07/20/2017	**6.2**
490.97	460.97	445.97	36.48206422	-79.06316151	09/14/2017	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	11/15/2017	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	11/15/2017	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	01/23/2018	**6.3**
490.97	460.97	445.97	36.48206422	-79.06316151	01/23/2018	**6.3**
490.97	460.97	445.97	36.48206422	-79.06316151	04/11/2018	**6.1**
490.97	460.97	445.97	36.48206422	-79.06316151	04/11/2018	**6.1**
490.97	460.97	445.97	36.48206422	-79.06316151	05/16/2018	**5.9**
490.97	460.97	445.97	36.48206422	-79.06316151	07/26/2018	**5.7**
490.97	460.97	445.97	36.48206422	-79.06316151	10/08/2018	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	11/12/2018	**5.9**
490.97	460.97	445.97	36.48206422	-79.06316151	11/12/2018	**5.9**
490.97	460.97	445.97	36.48206422	-79.06316151	01/30/2019	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	04/30/2019	**5.9**
490.97	460.97	445.97	36.48206422	-79.06316151	04/30/2019	**5.9**
490.97	460.97	445.97	36.48206422	-79.06316151	07/29/2019	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	10/23/2019	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	11/11/2019	**5.9**
493.41	463.41	448.41	36.48173349	-79.06200388	12/19/2002	6.9
493.41	463.41	448.41	36.48173349	-79.06200388	05/28/2003	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	11/12/2003	NM
493.41	463.41	448.41	36.48173349	-79.06200388	05/25/2004	NM
493.41	463.41	448.41	36.48173349	-79.06200388	11/17/2004	**6.4**
493.41	463.41	448.41	36.48173349	-79.06200388	05/18/2005	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	11/16/2005	**6.4**
493.41	463.41	448.41	36.48173349	-79.06200388	05/22/2006	**6.0**
493.41	463.41	448.41	36.48173349	-79.06200388	11/15/2006	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	05/24/2007	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	11/06/2007	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	05/22/2008	**6.5**
493.41	463.41	448.41	36.48173349	-79.06200388	11/19/2008	6.7
493.41	463.41	448.41	36.48173349	-79.06200388	05/08/2009	7.7
493.41	463.41	448.41	36.48173349	-79.06200388	01/05/2010	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	05/26/2010	**6.3**

493.41	463.41	448.41	36.48173349	-79.06200388	11/16/2010	6.9
493.41	463.41	448.41	36.48173349	-79.06200388	04/18/2011	6.8
493.41	463.41	448.41	36.48173349	-79.06200388	11/01/2011	6.9
493.41	463.41	448.41	36.48173349	-79.06200388	04/03/2012	6.7
493.41	463.41	448.41	36.48173349	-79.06200388	11/07/2012	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	04/09/2013	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	11/12/2013	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	04/03/2014	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	11/11/2014	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	04/20/2015	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	07/01/2015	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	09/14/2015	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	11/04/2015	**6.5**
493.41	463.41	448.41	36.48173349	-79.06200388	04/06/2016	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	11/01/2016	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	11/01/2016	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	02/07/2017	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	04/12/2017	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	04/12/2017	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	07/19/2017	**6.4**
493.41	463.41	448.41	36.48173349	-79.06200388	11/14/2017	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	11/14/2017	6.5
493.41	463.41	448.41	36.48173349	-79.06200388	02/01/2018	**6.4**
493.41	463.41	448.41	36.48173349	-79.06200388	04/11/2018	**6.5**
493.41	463.41	448.41	36.48173349	-79.06200388	04/11/2018	**6.5**
493.41	463.41	448.41	36.48173349	-79.06200388	07/27/2018	**6.4**
493.41	463.41	448.41	36.48173349	-79.06200388	11/12/2018	**6.4**
493.41	463.41	448.41	36.48173349	-79.06200388	11/12/2018	**6.4**
493.41	463.41	448.41	36.48173349	-79.06200388	04/30/2019	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	04/30/2019	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	10/30/2019	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	11/11/2019	**6.4**
434.67	335.67	325.67	36.48378406	-79.06520510	04/12/2017	6.6
434.67	335.67	325.67	36.48378406	-79.06520510	05/24/2017	6.8
434.67	335.67	325.67	36.48378406	-79.06520510	07/24/2017	6.5
434.67	335.67	325.67	36.48378406	-79.06520510	11/17/2017	6.8
434.67	335.67	325.67	36.48378406	-79.06520510	01/25/2018	6.7
434.67	335.67	325.67	36.48378406	-79.06520510	04/12/2018	**6.4**
434.67	335.67	325.67	36.48378406	-79.06520510	07/31/2018	6.6
434.67	335.67	325.67	36.48378406	-79.06520510	11/15/2018	6.6
434.67	335.67	325.67	36.48378406	-79.06520510	05/01/2019	**6.5**
434.67	335.67	325.67	36.48378406	-79.06520510	10/31/2019	7.2
434.79	387.49	377.49	36.48376096	-79.06522373	04/12/2017	6.6
434.79	387.49	377.49	36.48376096	-79.06522373	05/24/2017	6.7
434.79	387.49	377.49	36.48376096	-79.06522373	07/24/2017	**6.4**

434.79	387.49	377.49	36.48376096	-79.06522373	11/17/2017	6.8
434.79	387.49	377.49	36.48376096	-79.06522373	01/25/2018	6.7
434.79	387.49	377.49	36.48376096	-79.06522373	04/12/2018	**6.3**
434.79	387.49	377.49	36.48376096	-79.06522373	07/31/2018	6.6
434.79	387.49	377.49	36.48376096	-79.06522373	11/15/2018	6.6
434.79	387.49	377.49	36.48376096	-79.06522373	01/30/2019	6.6
434.79	387.49	377.49	36.48376096	-79.06522373	05/01/2019	**6.5**
434.79	387.49	377.49	36.48376096	-79.06522373	07/29/2019	**6.5**
434.79	387.49	377.49	36.48376096	-79.06522373	10/31/2019	7.0
434.49	414.49	404.49	36.48376806	-79.06519999	04/12/2017	**6.3**
434.49	414.49	404.49	36.48376806	-79.06519999	05/24/2017	**6.4**
434.49	414.49	404.49	36.48376806	-79.06519999	07/24/2017	**6.1**
434.49	414.49	404.49	36.48376806	-79.06519999	11/17/2017	**6.3**
434.49	414.49	404.49	36.48376806	-79.06519999	01/25/2018	**6.3**
434.49	414.49	404.49	36.48376806	-79.06519999	04/12/2018	**5.9**
434.49	414.49	404.49	36.48376806	-79.06519999	07/31/2018	**6.2**
434.49	414.49	404.49	36.48376806	-79.06519999	11/15/2018	**6.2**
434.49	414.49	404.49	36.48376806	-79.06519999	05/01/2019	**6.2**
434.49	414.49	404.49	36.48376806	-79.06519999	10/31/2019	6.8
433.38	344.27	333.77	36.48485004	-79.06293799	04/12/2017	6.5
433.38	344.27	333.77	36.48485004	-79.06293799	05/24/2017	6.6
433.38	344.27	333.77	36.48485004	-79.06293799	07/24/2017	**6.4**
433.38	344.27	333.77	36.48485004	-79.06293799	11/17/2017	6.7
433.38	344.27	333.77	36.48485004	-79.06293799	01/25/2018	6.8
433.38	344.27	333.77	36.48485004	-79.06293799	04/12/2018	**6.3**
433.38	344.27	333.77	36.48485004	-79.06293799	07/31/2018	**6.5**
433.38	344.27	333.77	36.48485004	-79.06293799	11/15/2018	6.6
433.38	344.27	333.77	36.48485004	-79.06293799	05/01/2019	**6.4**
433.38	344.27	333.77	36.48485004	-79.06293799	10/31/2019	7.1
433.27	397.38	387.38	36.48484924	-79.06291698	04/12/2017	6.7
433.27	397.38	387.38	36.48484924	-79.06291698	05/24/2017	6.7
433.27	397.38	387.38	36.48484924	-79.06291698	07/24/2017	6.6
433.27	397.38	387.38	36.48484924	-79.06291698	11/17/2017	6.9
433.27	397.38	387.38	36.48484924	-79.06291698	01/25/2018	6.9
433.27	397.38	387.38	36.48484924	-79.06291698	04/12/2018	6.5
433.27	397.38	387.38	36.48484924	-79.06291698	07/31/2018	6.7
433.27	397.38	387.38	36.48484924	-79.06291698	11/15/2018	6.7
433.27	397.38	387.38	36.48484924	-79.06291698	05/01/2019	6.5
433.27	397.38	387.38	36.48484924	-79.06291698	10/31/2019	7.3
432.64	334.64	324.64	36.48563835	-79.06069660	04/12/2017	7.4
432.64	334.64	324.64	36.48563835	-79.06069660	05/24/2017	7.4
432.64	334.64	324.64	36.48563835	-79.06069660	07/25/2017	7.5
432.64	334.64	324.64	36.48563835	-79.06069660	11/17/2017	7.6
432.64	334.64	324.64	36.48563835	-79.06069660	01/25/2018	7.4
432.64	334.64	324.64	36.48563835	-79.06069660	04/11/2018	7.4

432.64	334.64	324.64	36.48563835	-79.06069660	07/31/2018	7.5
432.64	334.64	324.64	36.48563835	-79.06069660	11/15/2018	7.4
432.64	334.64	324.64	36.48563835	-79.06069660	05/01/2019	7.4
432.64	334.64	324.64	36.48563835	-79.06069660	10/31/2019	8.0
432.66	409.66	399.66	36.48562760	-79.06072428	04/12/2017	**6.1**
432.66	409.66	399.66	36.48562760	-79.06072428	05/24/2017	**6.1**
432.66	409.66	399.66	36.48562760	-79.06072428	07/25/2017	**6.0**
432.66	409.66	399.66	36.48562760	-79.06072428	11/17/2017	**6.2**
432.66	409.66	399.66	36.48562760	-79.06072428	01/25/2018	**5.8**
432.66	409.66	399.66	36.48562760	-79.06072428	04/11/2018	**5.9**
432.66	409.66	399.66	36.48562760	-79.06072428	07/31/2018	**6.0**
432.66	409.66	399.66	36.48562760	-79.06072428	11/15/2018	**6.0**
432.66	409.66	399.66	36.48562760	-79.06072428	05/01/2019	**5.9**
432.66	409.66	399.66	36.48562760	-79.06072428	10/31/2019	6.5
425.58	334.58	324.58	36.47757391	-79.07612131	04/09/2019	7.5
425.58	334.58	324.58	36.47757391	-79.07612131	06/18/2019	7.3
425.58	334.58	324.58	36.47757391	-79.07612131	07/30/2019	7.4
425.58	334.58	324.58	36.47757391	-79.07612131	10/22/2019	7.3
421.28	398.28	393.28	36.47752346	-79.07622114	03/08/2000	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	07/12/2000	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	11/09/2000	**6.4**
421.28	398.28	393.28	36.47752346	-79.07622114	03/14/2001	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	07/20/2001	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	11/14/2001	NM
421.28	398.28	393.28	36.47752346	-79.07622114	03/20/2002	6.9
421.28	398.28	393.28	36.47752346	-79.07622114	07/24/2002	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	11/14/2002	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	03/31/2004	**6.4**
421.28	398.28	393.28	36.47752346	-79.07622114	07/28/2004	NM
421.28	398.28	393.28	36.47752346	-79.07622114	12/21/2004	NM
421.28	398.28	393.28	36.47752346	-79.07622114	03/10/2005	**6.0**
421.28	398.28	393.28	36.47752346	-79.07622114	07/27/2005	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	11/16/2005	**6.1**
421.28	398.28	393.28	36.47752346	-79.07622114	03/20/2006	**6.2**
421.28	398.28	393.28	36.47752346	-79.07622114	07/27/2006	NM
421.28	398.28	393.28	36.47752346	-79.07622114	11/15/2006	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	03/27/2007	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	07/10/2007	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	11/18/2007	NM
421.28	398.28	393.28	36.47752346	-79.07622114	03/25/2008	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	07/21/2008	**6.3**
421.28	398.28	393.28	36.47752346	-79.07622114	11/18/2008	**6.4**
421.28	398.28	393.28	36.47752346	-79.07622114	03/10/2009	6.6
421.28	398.28	393.28	36.47752346	-79.07622114	09/13/2015	**6.1**
421.28	398.28	393.28	36.47752346	-79.07622114	12/04/2015	**6.1**

421.28	398.28	393.28	36.47752346	-79.07622114	01/05/2016	6.5
504.82	438.62	428.62	36.48211095	-79.05785144	07/10/2015	6.7
504.82	438.62	428.62	36.48211095	-79.05785144	09/15/2015	6.6
504.82	438.62	428.62	36.48211095	-79.05785144	12/04/2015	6.8
504.82	438.62	428.62	36.48211095	-79.05785144	01/06/2016	6.8
504.82	438.62	428.62	36.48211095	-79.05785144	11/10/2016	6.6
504.82	438.62	428.62	36.48211095	-79.05785144	02/07/2017	6.7
504.82	438.62	428.62	36.48211095	-79.05785144	04/11/2017	6.7
504.82	438.62	428.62	36.48211095	-79.05785144	07/19/2017	6.6
504.82	438.62	428.62	36.48211095	-79.05785144	11/14/2017	6.7
504.82	438.62	428.62	36.48211095	-79.05785144	02/01/2018	6.6
504.82	438.62	428.62	36.48211095	-79.05785144	04/11/2018	6.7
504.82	438.62	428.62	36.48211095	-79.05785144	07/31/2018	**6.4**
504.82	438.62	428.62	36.48211095	-79.05785144	11/14/2018	6.5
504.82	438.62	428.62	36.48211095	-79.05785144	04/29/2019	6.7
504.82	438.62	428.62	36.48211095	-79.05785144	10/23/2019	6.7
505.41	304.41	289.41	36.48212638	-79.05779579	04/09/2019	7.0
505.41	304.41	289.41	36.48212638	-79.05779579	06/18/2019	6.9
505.41	304.41	289.41	36.48212638	-79.05779579	07/30/2019	6.8
505.41	304.41	289.41	36.48212638	-79.05779579	10/23/2019	7.0
421.34	400.84	395.84	36.47636815	-79.07873073	03/08/2000	6.6
421.34	400.84	395.84	36.47636815	-79.07873073	07/12/2000	**6.2**
421.34	400.84	395.84	36.47636815	-79.07873073	11/09/2000	**6.4**
421.34	400.84	395.84	36.47636815	-79.07873073	03/14/2001	**6.2**
421.34	400.84	395.84	36.47636815	-79.07873073	07/20/2001	**6.1**
421.34	400.84	395.84	36.47636815	-79.07873073	11/14/2001	NM
421.34	400.84	395.84	36.47636815	-79.07873073	03/20/2002	7.1
421.34	400.84	395.84	36.47636815	-79.07873073	07/24/2002	**6.4**
421.34	400.84	395.84	36.47636815	-79.07873073	11/14/2002	**6.3**
421.34	400.84	395.84	36.47636815	-79.07873073	03/31/2004	**6.4**
421.34	400.84	395.84	36.47636815	-79.07873073	07/28/2004	NM
421.34	400.84	395.84	36.47636815	-79.07873073	12/21/2004	NM
421.34	400.84	395.84	36.47636815	-79.07873073	03/10/2005	**6.3**
421.34	400.84	395.84	36.47636815	-79.07873073	07/27/2005	**6.1**
421.34	400.84	395.84	36.47636815	-79.07873073	11/16/2005	**5.9**
421.34	400.84	395.84	36.47636815	-79.07873073	03/20/2006	**5.4**
421.34	400.84	395.84	36.47636815	-79.07873073	07/27/2006	NM
421.34	400.84	395.84	36.47636815	-79.07873073	11/15/2006	**6.1**
421.34	400.84	395.84	36.47636815	-79.07873073	03/27/2007	**6.2**
421.34	400.84	395.84	36.47636815	-79.07873073	07/10/2007	**6.1**
421.34	400.84	395.84	36.47636815	-79.07873073	11/18/2007	NM
421.34	400.84	395.84	36.47636815	-79.07873073	03/25/2008	**6.2**
421.34	400.84	395.84	36.47636815	-79.07873073	07/21/2008	**6.2**
421.34	400.84	395.84	36.47636815	-79.07873073	11/18/2008	6.5
421.34	400.84	395.84	36.47636815	-79.07873073	03/10/2009	6.6

421.34	400.84	395.84	36.47636815	-79.07873073	09/13/2015	**5.8**
421.34	400.84	395.84	36.47636815	-79.07873073	12/03/2015	**5.7**
421.34	400.84	395.84	36.47636815	-79.07873073	01/05/2016	**6.1**
421.34	400.84	395.84	36.47636815	-79.07873073	05/17/2016	**5.8**
421.34	400.84	395.84	36.47636815	-79.07873073	07/19/2016	**5.8**
421.34	400.84	395.84	36.47636815	-79.07873073	09/13/2016	**6.2**
421.34	400.84	395.84	36.47636815	-79.07873073	11/08/2016	**6.1**
421.34	400.84	395.84	36.47636815	-79.07873073	01/18/2017	**5.9**
421.34	400.84	395.84	36.47636815	-79.07873073	03/17/2017	**6.0**
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421.34	400.84	395.84	36.47636815	-79.07873073	07/17/2017	**6.0**
421.34	400.84	395.84	36.47636815	-79.07873073	07/17/2017	**6.0**
421.34	400.84	395.84	36.47636815	-79.07873073	09/12/2017	**5.9**
421.34	400.84	395.84	36.47636815	-79.07873073	11/15/2017	**6.0**
421.34	400.84	395.84	36.47636815	-79.07873073	01/24/2018	**6.0**
421.34	400.84	395.84	36.47636815	-79.07873073	01/24/2018	**6.0**
421.34	400.84	395.84	36.47636815	-79.07873073	04/10/2018	**6.0**
421.34	400.84	395.84	36.47636815	-79.07873073	05/14/2018	**6.2**
421.34	400.84	395.84	36.47636815	-79.07873073	07/26/2018	**6.1**
421.34	400.84	395.84	36.47636815	-79.07873073	10/09/2018	**6.0**
421.34	400.84	395.84	36.47636815	-79.07873073	11/15/2018	**5.8**
421.34	400.84	395.84	36.47636815	-79.07873073	01/23/2019	**6.0**
421.34	400.84	395.84	36.47636815	-79.07873073	04/29/2019	**6.1**
421.34	400.84	395.84	36.47636815	-79.07873073	07/24/2019	**6.0**
421.34	400.84	395.84	36.47636815	-79.07873073	11/05/2019	**5.9**
490.79	460.69	455.39	36.47620986	-79.07012768	03/27/2015	**6.4**
490.79	460.69	455.39	36.47620986	-79.07012768	06/25/2015	6.6
490.79	460.69	455.39	36.47620986	-79.07012768	09/14/2015	6.6
490.79	460.69	455.39	36.47620986	-79.07012768	12/04/2015	**6.4**
490.79	460.69	455.39	36.47620986	-79.07012768	01/06/2016	**6.2**
490.79	460.69	455.39	36.47620986	-79.07012768	09/22/2016	**6.4**
490.79	460.69	455.39	36.47620986	-79.07012768	11/10/2016	**6.4**
490.79	460.69	455.39	36.47620986	-79.07012768	02/09/2017	**6.1**
490.79	460.69	455.39	36.47620986	-79.07012768	04/19/2017	6.6
490.79	460.69	455.39	36.47620986	-79.07012768	07/25/2017	**6.4**
490.79	460.69	455.39	36.47620986	-79.07012768	11/16/2017	6.5
490.79	460.69	455.39	36.47620986	-79.07012768	02/01/2018	**6.2**
490.79	460.69	455.39	36.47620986	-79.07012768	04/10/2018	**6.3**
490.79	460.69	455.39	36.47620986	-79.07012768	07/31/2018	**6.2**
490.79	460.69	455.39	36.47620986	-79.07012768	11/16/2018	**5.8**
490.79	460.69	455.39	36.47620986	-79.07012768	04/30/2019	6.6
490.79	460.69	455.39	36.47620986	-79.07012768	10/30/2019	**6.3**
449.59	392.49	382.49	36.48525754	-79.05989552	05/29/2015	6.6
449.59	392.49	382.49	36.48525754	-79.05989552	06/30/2015	6.8
449.59	392.49	382.49	36.48525754	-79.05989552	09/16/2015	6.7

449.59	392.49	382.49	36.48525754	-79.05989552	12/04/2015	6.6
449.59	392.49	382.49	36.48525754	-79.05989552	01/06/2016	6.8
449.59	392.49	382.49	36.48525754	-79.05989552	09/23/2016	6.6
449.59	392.49	382.49	36.48525754	-79.05989552	11/14/2016	6.7
449.59	392.49	382.49	36.48525754	-79.05989552	02/08/2017	6.5
449.59	392.49	382.49	36.48525754	-79.05989552	04/18/2017	**6.1**
449.59	392.49	382.49	36.48525754	-79.05989552	07/19/2017	6.6
449.59	392.49	382.49	36.48525754	-79.05989552	11/16/2017	6.7
449.59	392.49	382.49	36.48525754	-79.05989552	01/31/2018	6.7
449.59	392.49	382.49	36.48525754	-79.05989552	04/12/2018	6.6
449.59	392.49	382.49	36.48525754	-79.05989552	07/27/2018	6.7
449.59	392.49	382.49	36.48525754	-79.05989552	11/15/2018	6.7
449.59	392.49	382.49	36.48525754	-79.05989552	04/29/2019	6.7
449.59	392.49	382.49	36.48525754	-79.05989552	10/31/2019	6.6
499.10	419.10	409.10	36.46411093	-79.07275033	05/31/2015	**9.7**
499.10	419.10	409.10	36.46411093	-79.07275033	06/29/2015	**9.2**
499.10	419.10	409.10	36.46411093	-79.07275033	09/15/2015	**8.8**
499.10	419.10	409.10	36.46411093	-79.07275033	12/04/2015	**8.9**
499.10	419.10	409.10	36.46411093	-79.07275033	01/05/2016	8.2
499.10	419.10	409.10	36.46411093	-79.07275033	11/14/2016	8.2
499.10	419.10	409.10	36.46411093	-79.07275033	02/08/2017	7.8
499.10	419.10	409.10	36.46411093	-79.07275033	04/11/2017	7.8
499.10	419.10	409.10	36.46411093	-79.07275033	07/18/2017	7.9
499.10	419.10	409.10	36.46411093	-79.07275033	11/14/2017	8.0
499.10	419.10	409.10	36.46411093	-79.07275033	01/30/2018	8.0
499.10	419.10	409.10	36.46411093	-79.07275033	04/10/2018	7.8
499.10	419.10	409.10	36.46411093	-79.07275033	07/25/2018	7.3
499.10	419.10	409.10	36.46411093	-79.07275033	11/15/2018	7.5
499.10	419.10	409.10	36.46411093	-79.07275033	04/23/2019	7.3
499.10	419.10	409.10	36.46411093	-79.07275033	10/30/2019	7.7
499.66	214.66	194.66	36.46413000	-79.07276000	06/22/2016	7.4
499.66	214.66	194.66	36.46413000	-79.07276000	07/27/2016	7.6
455.94	393.14	382.94	36.47832789	-79.07363968	05/27/2015	NM
455.94	393.14	382.94	36.47832789	-79.07363968	06/25/2015	7.6
455.94	393.14	382.94	36.47832789	-79.07363968	09/13/2015	7.0
455.94	393.14	382.94	36.47832789	-79.07363968	12/04/2015	7.6
455.94	393.14	382.94	36.47832789	-79.07363968	01/05/2016	7.9
455.94	393.14	382.94	36.47832789	-79.07363968	11/10/2016	7.4
455.94	393.14	382.94	36.47832789	-79.07363968	02/08/2017	7.3
455.94	393.14	382.94	36.47832789	-79.07363968	04/11/2017	7.6
455.94	393.14	382.94	36.47832789	-79.07363968	07/19/2017	7.3
455.94	393.14	382.94	36.47832789	-79.07363968	11/16/2017	7.5
455.94	393.14	382.94	36.47832789	-79.07363968	01/31/2018	7.6
455.94	393.14	382.94	36.47832789	-79.07363968	04/11/2018	7.3
455.94	393.14	382.94	36.47832789	-79.07363968	07/26/2018	7.0

455.94	393.14	382.94	36.47832789	-79.07363968	11/14/2018	7.1
455.94	393.14	382.94	36.47832789	-79.07363968	04/30/2019	7.2
455.94	393.14	382.94	36.47832789	-79.07363968	11/04/2019	7.3
455.76	440.36	435.36	36.47833901	-79.07364431	05/27/2015	6.5
455.76	440.36	435.36	36.47833901	-79.07364431	06/25/2015	6.6
455.76	440.36	435.36	36.47833901	-79.07364431	09/13/2015	**6.0**
455.76	440.36	435.36	36.47833901	-79.07364431	12/04/2015	6.8
455.76	440.36	435.36	36.47833901	-79.07364431	01/05/2016	7.1
455.76	440.36	435.36	36.47833901	-79.07364431	11/10/2016	6.6
455.76	440.36	435.36	36.47833901	-79.07364431	02/08/2017	6.6
455.76	440.36	435.36	36.47833901	-79.07364431	04/11/2017	6.9
455.76	440.36	435.36	36.47833901	-79.07364431	07/18/2017	6.5
455.76	440.36	435.36	36.47833901	-79.07364431	11/14/2017	6.6
455.76	440.36	435.36	36.47833901	-79.07364431	01/31/2018	6.9
455.76	440.36	435.36	36.47833901	-79.07364431	04/11/2018	6.6
455.76	440.36	435.36	36.47833901	-79.07364431	07/27/2018	**6.3**
455.76	440.36	435.36	36.47833901	-79.07364431	11/15/2018	**6.4**
455.76	440.36	435.36	36.47833901	-79.07364431	04/30/2019	**6.4**
455.76	440.36	435.36	36.47833901	-79.07364431	11/04/2019	**6.4**
415.02	352.12	342.02	36.48052623	-79.07467883	05/27/2015	7.8
415.02	352.12	342.02	36.48052623	-79.07467883	05/29/2015	8.0
415.02	352.12	342.02	36.48052623	-79.07467883	06/25/2015	8.0
415.02	352.12	342.02	36.48052623	-79.07467883	09/13/2015	7.9
415.02	352.12	342.02	36.48052623	-79.07467883	09/23/2016	8.0
415.02	352.12	342.02	36.48052623	-79.07467883	11/09/2016	7.7
415.02	352.12	342.02	36.48052623	-79.07467883	02/07/2017	7.9
415.02	352.12	342.02	36.48052623	-79.07467883	04/17/2017	7.6
415.02	352.12	342.02	36.48052623	-79.07467883	07/26/2017	7.6
415.02	352.12	342.02	36.48052623	-79.07467883	11/15/2017	7.8
415.02	352.12	342.02	36.48052623	-79.07467883	01/31/2018	8.0
419.41	352.12	342.02	36.48052669	-79.07468089	05/01/2019	7.4
419.41	352.12	342.02	36.48052669	-79.07468089	11/05/2019	7.6
415.01	399.01	394.01	36.48051761	-79.07468045	05/29/2015	6.6
415.01	399.01	394.01	36.48051761	-79.07468045	06/25/2015	6.5
415.01	399.01	394.01	36.48051761	-79.07468045	09/13/2015	**6.4**
415.01	399.01	394.01	36.48051761	-79.07468045	09/23/2016	6.8
415.01	399.01	394.01	36.48051761	-79.07468045	11/09/2016	6.5
415.01	399.01	394.01	36.48051761	-79.07468045	02/07/2017	6.7
415.01	399.01	394.01	36.48051761	-79.07468045	04/17/2017	6.5
415.01	399.01	394.01	36.48051761	-79.07468045	07/26/2017	6.5
415.01	399.01	394.01	36.48051761	-79.07468045	11/15/2017	6.6
415.01	399.01	394.01	36.48051761	-79.07468045	01/31/2018	6.7
419.10	399.01	394.01	36.48051812	-79.07468238	05/01/2019	6.6
419.10	399.01	394.01	36.48051812	-79.07468238	11/05/2019	**6.5**
475.15	428.15	418.15	36.46982688	-79.08330185	05/31/2015	7.1

475.15	428.15	418.15	36.46982688	-79.08330185	09/12/2015	7.1
475.15	428.15	418.15	36.46982688	-79.08330185	09/27/2016	7.3
475.15	428.15	418.15	36.46982688	-79.08330185	11/09/2016	7.3
475.15	428.15	418.15	36.46982688	-79.08330185	01/25/2017	7.3
475.15	428.15	418.15	36.46982688	-79.08330185	04/18/2017	7.3
475.15	428.15	418.15	36.46982688	-79.08330185	07/25/2017	7.8
475.15	428.15	418.15	36.46982688	-79.08330185	11/15/2017	7.8
475.15	428.15	418.15	36.46982688	-79.08330185	01/31/2018	7.9
475.15	428.15	418.15	36.46982688	-79.08330185	04/09/2018	7.1
475.15	428.15	418.15	36.46982688	-79.08330185	07/27/2018	7.0
475.15	428.15	418.15	36.46982688	-79.08330185	11/13/2018	6.7
475.15	428.15	418.15	36.46982688	-79.08330185	04/25/2019	6.9
475.15	428.15	418.15	36.46982688	-79.08330185	11/06/2019	7.3
479.85	403.45	393.45	36.47453784	-79.08323289	06/08/2015	7.4
479.85	403.45	393.45	36.47453784	-79.08323289	09/15/2015	**8.6**
479.85	403.45	393.45	36.47453784	-79.08323289	09/28/2016	7.5
479.85	403.45	393.45	36.47453784	-79.08323289	11/14/2016	7.5
479.85	403.45	393.45	36.47453784	-79.08323289	01/27/2017	7.6
479.85	403.45	393.45	36.47453784	-79.08323289	04/19/2017	7.3
479.85	403.45	393.45	36.47453784	-79.08323289	07/26/2017	7.5
479.85	403.45	393.45	36.47453784	-79.08323289	11/17/2017	7.2
479.85	403.45	393.45	36.47453784	-79.08323289	01/31/2018	7.5
479.85	403.45	393.45	36.47453784	-79.08323289	04/10/2018	7.1
479.85	403.45	393.45	36.47453784	-79.08323289	07/30/2018	7.2
479.85	403.45	393.45	36.47453784	-79.08323289	11/15/2018	7.1
479.85	403.45	393.45	36.47453784	-79.08323289	01/28/2019	7.2
479.85	403.45	393.45	36.47453784	-79.08323289	04/29/2019	7.2
479.85	403.45	393.45	36.47453784	-79.08323289	07/23/2019	7.0
479.85	403.45	393.45	36.47453784	-79.08323289	10/28/2019	7.2
447.25	405.25	395.25	36.47754626	-79.08091696	05/31/2015	6.6
447.25	405.25	395.25	36.47754626	-79.08091696	06/30/2015	6.9
447.25	405.25	395.25	36.47754626	-79.08091696	09/15/2015	8.1
447.25	405.25	395.25	36.47754626	-79.08091696	12/06/2015	6.8
447.25	405.25	395.25	36.47754626	-79.08091696	01/07/2016	6.5
447.25	405.25	395.25	36.47754626	-79.08091696	09/27/2016	6.7
447.25	405.25	395.25	36.47754626	-79.08091696	11/09/2016	6.7
447.25	405.25	395.25	36.47754626	-79.08091696	01/26/2017	6.8
447.25	405.25	395.25	36.47754626	-79.08091696	04/19/2017	6.6
447.25	405.25	395.25	36.47754626	-79.08091696	07/26/2017	7.1
447.25	405.25	395.25	36.47754626	-79.08091696	11/17/2017	6.6
447.25	405.25	395.25	36.47754626	-79.08091696	02/01/2018	7.2
447.25	405.25	395.25	36.47754626	-79.08091696	04/10/2018	**6.4**
447.25	405.25	395.25	36.47754626	-79.08091696	07/30/2018	**6.2**
447.25	405.25	395.25	36.47754626	-79.08091696	11/14/2018	6.6
447.25	405.25	395.25	36.47754626	-79.08091696	01/28/2019	**6.3**

447.25	405.25	395.25	36.47754626	-79.08091696	04/29/2019	**6.5**
447.25	405.25	395.25	36.47754626	-79.08091696	07/23/2019	**6.2**
447.25	405.25	395.25	36.47754626	-79.08091696	10/28/2019	**6.5**
519.70	373.70	363.70	36.48067476	-79.05648552	04/09/2019	6.6
519.70	373.70	363.70	36.48067476	-79.05648552	06/18/2019	6.8
519.70	373.70	363.70	36.48067476	-79.05648552	07/30/2019	6.6
519.70	373.70	363.70	36.48067476	-79.05648552	10/23/2019	6.8
520.20	127.20	117.20	36.48062180	-79.05652699	04/09/2019	7.6
520.20	127.20	117.20	36.48062180	-79.05652699	06/18/2019	7.8
520.20	127.20	117.20	36.48062180	-79.05652699	07/30/2019	7.9
520.20	127.20	117.20	36.48062180	-79.05652699	10/23/2019	7.7
533.42	497.42	492.42	36.46995979	-79.06097778	05/27/2015	7.1
533.42	497.42	492.42	36.46995979	-79.06097778	06/29/2015	7.3
533.42	497.42	492.42	36.46995979	-79.06097778	09/12/2015	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	12/04/2015	7.1
533.42	497.42	492.42	36.46995979	-79.06097778	01/06/2016	6.8
533.42	497.42	492.42	36.46995979	-79.06097778	04/07/2016	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	05/19/2016	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	07/14/2016	7.1
533.42	497.42	492.42	36.46995979	-79.06097778	07/14/2016	7.1
533.42	497.42	492.42	36.46995979	-79.06097778	09/14/2016	7.4 S
533.42	497.42	492.42	36.46995979	-79.06097778	09/14/2016	7.4 S
533.42	497.42	492.42	36.46995979	-79.06097778	11/09/2016	7.2
533.42	497.42	492.42	36.46995979	-79.06097778	11/09/2016	7.2
533.42	497.42	492.42	36.46995979	-79.06097778	01/17/2017	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	01/26/2017	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	03/14/2017	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	04/18/2017	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	05/03/2017	7.1
533.42	497.42	492.42	36.46995979	-79.06097778	07/19/2017	6.8
533.42	497.42	492.42	36.46995979	-79.06097778	07/19/2017	6.8
533.42	497.42	492.42	36.46995979	-79.06097778	09/11/2017	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	11/20/2017	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	01/24/2018	6.9
533.42	497.42	492.42	36.46995979	-79.06097778	01/24/2018	6.9
533.42	497.42	492.42	36.46995979	-79.06097778	04/10/2018	6.9
533.42	497.42	492.42	36.46995979	-79.06097778	05/15/2018	6.9
533.42	497.42	492.42	36.46995979	-79.06097778	07/30/2018	7.0
533.42	497.42	492.42	36.46995979	-79.06097778	10/09/2018	6.9
533.42	497.42	492.42	36.46995979	-79.06097778	11/14/2018	6.9
533.42	497.42	492.42	36.46995979	-79.06097778	01/29/2019	6.9
533.42	497.42	492.42	36.46995979	-79.06097778	04/24/2019	6.9
533.42	497.42	492.42	36.46995979	-79.06097778	07/24/2019	6.9
533.42	497.42	492.42	36.46995979	-79.06097778	10/30/2019	6.9
464.80	424.30	419.30	36.47949697	-79.07033367	03/26/2015	6.9

464.80	424.30	419.30	36.47949697	-79.07033367	06/24/2015	7.0
464.80	424.30	419.30	36.47949697	-79.07033367	09/14/2015	7.0
464.80	424.30	419.30	36.47949697	-79.07033367	05/10/2016	6.8
464.80	424.30	419.30	36.47949697	-79.07033367	07/20/2016	6.6
464.80	424.30	419.30	36.47949697	-79.07033367	09/20/2016	6.8
464.80	424.30	419.30	36.47949697	-79.07033367	09/20/2016	6.8
464.80	424.30	419.30	36.47949697	-79.07033367	11/10/2016	6.6
464.80	424.30	419.30	36.47949697	-79.07033367	11/10/2016	6.6
464.80	424.30	419.30	36.47949697	-79.07033367	01/18/2017	6.6
464.80	424.30	419.30	36.47949697	-79.07033367	02/10/2017	6.8
464.80	424.30	419.30	36.47949697	-79.07033367	03/16/2017	6.7
464.80	424.30	419.30	36.47949697	-79.07033367	04/19/2017	**6.1**
464.80	424.30	419.30	36.47949697	-79.07033367	05/03/2017	6.6
464.80	424.30	419.30	36.47949697	-79.07033367	07/19/2017	6.7
464.80	424.30	419.30	36.47949697	-79.07033367	07/19/2017	6.7
464.80	424.30	419.30	36.47949697	-79.07033367	09/13/2017	6.6
464.80	424.30	419.30	36.47949697	-79.07033367	11/17/2017	6.7
464.80	424.30	419.30	36.47949697	-79.07033367	01/23/2018	7.0
464.80	424.30	419.30	36.47949697	-79.07033367	01/23/2018	7.0
464.80	424.30	419.30	36.47949697	-79.07033367	04/11/2018	6.7
464.80	424.30	419.30	36.47949697	-79.07033367	05/16/2018	6.9
464.80	424.30	419.30	36.47949697	-79.07033367	07/27/2018	6.6
464.80	424.30	419.30	36.47949697	-79.07033367	10/08/2018	**6.4**
464.80	424.30	419.30	36.47949697	-79.07033367	11/15/2018	6.7
464.80	424.30	419.30	36.47949697	-79.07033367	01/29/2019	6.6
464.80	424.30	419.30	36.47949697	-79.07033367	04/29/2019	6.8
464.80	424.30	419.30	36.47949697	-79.07033367	07/25/2019	**6.5**
464.80	424.30	419.30	36.47949697	-79.07033367	10/31/2019	**6.5**
464.60	443.60	433.60	36.47952013	-79.07030999	02/24/2017	**6.4**
464.60	443.60	433.60	36.47952013	-79.07030999	03/16/2017	6.6
464.60	443.60	433.60	36.47952013	-79.07030999	04/19/2017	**6.0**
464.60	443.60	433.60	36.47952013	-79.07030999	05/03/2017	6.5
464.60	443.60	433.60	36.47952013	-79.07030999	05/24/2017	6.6
464.60	443.60	433.60	36.47952013	-79.07030999	07/19/2017	6.5
464.60	443.60	433.60	36.47952013	-79.07030999	07/19/2017	6.5
464.60	443.60	433.60	36.47952013	-79.07030999	08/14/2017	**6.4**
464.60	443.60	433.60	36.47952013	-79.07030999	09/13/2017	**6.4**
464.60	443.60	433.60	36.47952013	-79.07030999	09/27/2017	**6.4**
464.60	443.60	433.60	36.47952013	-79.07030999	11/17/2017	**6.3**
464.60	443.60	433.60	36.47952013	-79.07030999	01/23/2018	6.5
464.60	443.60	433.60	36.47952013	-79.07030999	01/23/2018	6.5
464.60	443.60	433.60	36.47952013	-79.07030999	04/11/2018	**6.2**
464.60	443.60	433.60	36.47952013	-79.07030999	05/16/2018	**6.3**
464.60	443.60	433.60	36.47952013	-79.07030999	07/27/2018	6.9
464.60	443.60	433.60	36.47952013	-79.07030999	10/08/2018	**6.1**

464.60	443.60	433.60	36.47952013	-79.07030999	11/15/2018	**6.3**
464.60	443.60	433.60	36.47952013	-79.07030999	01/29/2019	**6.4**
464.60	443.60	433.60	36.47952013	-79.07030999	04/29/2019	**6.2**
464.60	443.60	433.60	36.47952013	-79.07030999	07/25/2019	**6.1**
464.60	443.60	433.60	36.47952013	-79.07030999	10/31/2019	**6.2**
453.48	401.48	396.48	36.47345637	-79.08069851	05/29/2015	7.2
453.48	401.48	396.48	36.47345637	-79.08069851	06/24/2015	7.2
453.48	401.48	396.48	36.47345637	-79.08069851	09/14/2015	7.2
453.48	401.48	396.48	36.47345637	-79.08069851	07/25/2017	7.5
453.48	401.48	396.48	36.47345637	-79.08069851	11/17/2017	7.3
453.48	401.48	396.48	36.47345637	-79.08069851	01/31/2018	7.6
453.48	401.48	396.48	36.47345637	-79.08069851	04/10/2018	7.1
453.48	401.48	396.48	36.47345637	-79.08069851	07/31/2018	7.0
453.48	401.48	396.48	36.47345637	-79.08069851	11/14/2018	7.1
453.48	401.48	396.48	36.47345637	-79.08069851	04/29/2019	7.1
453.48	401.48	396.48	36.47345637	-79.08069851	10/28/2019	7.1
550.12	507.12	502.12	36.47190203	-79.05849596	05/30/2015	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	09/13/2015	7.1
550.12	507.12	502.12	36.47190203	-79.05849596	12/05/2015	6.5
550.12	507.12	502.12	36.47190203	-79.05849596	01/06/2016	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	04/07/2016	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	04/08/2016	NM
550.12	507.12	502.12	36.47190203	-79.05849596	05/10/2016	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	07/14/2016	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	07/14/2016	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	09/13/2016	7 S
550.12	507.12	502.12	36.47190203	-79.05849596	09/13/2016	7 S
550.12	507.12	502.12	36.47190203	-79.05849596	11/10/2016	6.5 S
550.12	507.12	502.12	36.47190203	-79.05849596	11/10/2016	6.5 S
550.12	507.12	502.12	36.47190203	-79.05849596	01/19/2017	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	01/26/2017	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	03/14/2017	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	04/13/2017	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	05/03/2017	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	07/19/2017	**6.0**
550.12	507.12	502.12	36.47190203	-79.05849596	07/19/2017	**6.0**
550.12	507.12	502.12	36.47190203	-79.05849596	09/13/2017	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	11/16/2017	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	01/23/2018	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	01/23/2018	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	04/10/2018	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	05/15/2018	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	07/27/2018	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	10/08/2018	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	11/14/2018	**6.3**

550.12	507.12	502.12	36.47190203	-79.05849596	01/29/2019	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	04/24/2019	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	07/30/2019	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	10/30/2019	**6.2**
510.56	433.56	428.56	36.48671171	-79.05221504	06/10/2015	7.0
510.56	433.56	428.56	36.48671171	-79.05221504	09/12/2015	7.4
510.56	433.56	428.56	36.48671171	-79.05221504	12/06/2015	7.1
510.56	433.56	428.56	36.48671171	-79.05221504	01/06/2016	7.0
510.56	433.56	428.56	36.48671171	-79.05221504	04/08/2016	7.2
510.56	433.56	428.56	36.48671171	-79.05221504	07/14/2016	7.3
510.56	433.56	428.56	36.48671171	-79.05221504	09/08/2016	7.2
510.56	433.56	428.56	36.48671171	-79.05221504	11/10/2016	7.4 S
510.56	433.56	428.56	36.48671171	-79.05221504	01/26/2017	7.2
510.56	433.56	428.56	36.48671171	-79.05221504	04/17/2017	7.2
510.56	433.56	428.56	36.48671171	-79.05221504	07/20/2017	7.1
510.56	433.56	428.56	36.48671171	-79.05221504	11/20/2017	7.6
510.56	433.56	428.56	36.48671171	-79.05221504	01/29/2018	7.3
510.56	433.56	428.56	36.48671171	-79.05221504	04/11/2018	7.1
510.56	433.56	428.56	36.48671171	-79.05221504	07/25/2018	7.3
510.56	433.56	428.56	36.48671171	-79.05221504	11/13/2018	7.2
510.56	433.56	428.56	36.48671171	-79.05221504	04/23/2019	7.1
510.56	433.56	428.56	36.48671171	-79.05221504	10/29/2019	7.2
510.39	460.39	455.39	36.48670221	-79.05220601	09/28/2016	7.8
510.39	460.39	455.39	36.48670221	-79.05220601	11/11/2016	6.5
510.39	460.39	455.39	36.48670221	-79.05220601	01/27/2017	6.8
504.83	454.83	444.83	36.46191571	-79.07549454	06/16/2015	7.6
504.83	454.83	444.83	36.46191571	-79.07549454	09/12/2015	8.3
504.83	454.83	444.83	36.46191571	-79.07549454	12/05/2015	8.3
504.83	454.83	444.83	36.46191571	-79.07549454	01/05/2016	7.6
504.83	454.83	444.83	36.46191571	-79.07549454	04/07/2016	7.7
504.83	454.83	444.83	36.46191571	-79.07549454	05/19/2016	7.8
504.83	454.83	444.83	36.46191571	-79.07549454	07/12/2016	8.0
504.83	454.83	444.83	36.46191571	-79.07549454	07/12/2016	8.0
504.83	454.83	444.83	36.46191571	-79.07549454	09/08/2016	7.9
504.83	454.83	444.83	36.46191571	-79.07549454	09/08/2016	7.9
504.83	454.83	444.83	36.46191571	-79.07549454	11/09/2016	7.7
504.83	454.83	444.83	36.46191571	-79.07549454	11/09/2016	7.7
504.83	454.83	444.83	36.46191571	-79.07549454	01/17/2017	7.8
504.83	454.83	444.83	36.46191571	-79.07549454	01/25/2017	7.6
504.83	454.83	444.83	36.46191571	-79.07549454	03/14/2017	7.4
504.83	454.83	444.83	36.46191571	-79.07549454	04/13/2017	7.3
504.83	454.83	444.83	36.46191571	-79.07549454	05/01/2017	7.5
504.83	454.83	444.83	36.46191571	-79.07549454	07/19/2017	7.4
504.83	454.83	444.83	36.46191571	-79.07549454	07/19/2017	7.4
504.83	454.83	444.83	36.46191571	-79.07549454	09/11/2017	7.7

504.83	454.83	444.83	36.46191571	-79.07549454	11/16/2017	7.9
504.83	454.83	444.83	36.46191571	-79.07549454	01/24/2018	7.1
504.83	454.83	444.83	36.46191571	-79.07549454	01/24/2018	7.7
504.83	454.83	444.83	36.46191571	-79.07549454	04/10/2018	7.6
504.83	454.83	444.83	36.46191571	-79.07549454	05/15/2018	7.6
504.83	454.83	444.83	36.46191571	-79.07549454	07/30/2018	7.5
504.83	454.83	444.83	36.46191571	-79.07549454	10/09/2018	7.8
504.83	454.83	444.83	36.46191571	-79.07549454	11/14/2018	7.5
504.83	454.83	444.83	36.46191571	-79.07549454	01/28/2019	7.9
504.83	454.83	444.83	36.46191571	-79.07549454	04/25/2019	7.4
504.83	454.83	444.83	36.46191571	-79.07549454	07/23/2019	7.4
504.83	454.83	444.83	36.46191571	-79.07549454	10/28/2019	7.6
505.24	484.24	474.24	36.46190777	-79.07548879	05/30/2015	**6.4**
505.24	484.24	474.24	36.46190777	-79.07548879	09/12/2015	7.1
505.24	484.24	474.24	36.46190777	-79.07548879	12/05/2015	6.7
505.24	484.24	474.24	36.46190777	-79.07548879	01/05/2016	**6.4**
505.24	484.24	474.24	36.46190777	-79.07548879	05/19/2016	6.7
505.24	484.24	474.24	36.46190777	-79.07548879	06/23/2016	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	07/12/2016	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	07/12/2016	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	09/08/2016	6.9
505.24	484.24	474.24	36.46190777	-79.07548879	09/08/2016	6.9
505.24	484.24	474.24	36.46190777	-79.07548879	11/09/2016	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	11/09/2016	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	01/17/2017	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	01/25/2017	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	03/14/2017	6.7
505.24	484.24	474.24	36.46190777	-79.07548879	04/13/2017	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	05/01/2017	6.5
505.24	484.24	474.24	36.46190777	-79.07548879	07/19/2017	6.5
505.24	484.24	474.24	36.46190777	-79.07548879	07/19/2017	6.5
505.24	484.24	474.24	36.46190777	-79.07548879	09/11/2017	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	11/16/2017	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	01/24/2018	6.7
505.24	484.24	474.24	36.46190777	-79.07548879	01/24/2018	6.7
505.24	484.24	474.24	36.46190777	-79.07548879	04/10/2018	6.5
505.24	484.24	474.24	36.46190777	-79.07548879	05/15/2018	6.5
505.24	484.24	474.24	36.46190777	-79.07548879	07/30/2018	**6.3**
505.24	484.24	474.24	36.46190777	-79.07548879	10/09/2018	6.7
505.24	484.24	474.24	36.46190777	-79.07548879	11/14/2018	6.5
505.24	484.24	474.24	36.46190777	-79.07548879	01/28/2019	6.8
505.24	484.24	474.24	36.46190777	-79.07548879	04/25/2019	6.5
505.24	484.24	474.24	36.46190777	-79.07548879	07/23/2019	6.6
505.24	484.24	474.24	36.46190777	-79.07548879	10/28/2019	6.6
517.62	467.12	462.12	36.47115005	-79.06386924	05/27/2015	7.0

517.62	467.12	462.12	36.47115005	-79.06386924	06/30/2015	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	09/13/2015	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	12/05/2015	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	01/06/2016	6.7
517.62	467.12	462.12	36.47115005	-79.06386924	05/09/2016	6.8
517.62	467.12	462.12	36.47115005	-79.06386924	07/21/2016	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	09/20/2016	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	11/10/2016	7.2 S
517.62	467.12	462.12	36.47115005	-79.06386924	11/10/2016	7.2 S
517.62	467.12	462.12	36.47115005	-79.06386924	01/19/2017	6.8
517.62	467.12	462.12	36.47115005	-79.06386924	03/14/2017	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	05/03/2017	7.0
517.62	467.12	462.12	36.47115005	-79.06386924	07/20/2017	6.8
517.62	467.12	462.12	36.47115005	-79.06386924	07/20/2017	6.8
517.62	467.12	462.12	36.47115005	-79.06386924	09/13/2017	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	11/16/2017	7.1
517.62	467.12	462.12	36.47115005	-79.06386924	01/23/2018	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	01/23/2018	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	04/10/2018	6.8
517.62	467.12	462.12	36.47115005	-79.06386924	05/15/2018	6.7
517.62	467.12	462.12	36.47115005	-79.06386924	07/27/2018	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	10/08/2018	**6.0**
517.62	467.12	462.12	36.47115005	-79.06386924	11/14/2018	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	01/30/2019	7.0
517.62	467.12	462.12	36.47115005	-79.06386924	04/29/2019	6.9
517.62	467.12	462.12	36.47115005	-79.06386924	07/29/2019	6.8
517.62	467.12	462.12	36.47115005	-79.06386924	10/30/2019	6.9
532.05	467.05	457.05	36.47557025	-79.05011238	06/16/2015	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	09/15/2015	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	12/06/2015	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	01/06/2016	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	04/08/2016	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	05/10/2016	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	07/14/2016	7.1
532.05	467.05	457.05	36.47557025	-79.05011238	07/14/2016	7.1
532.05	467.05	457.05	36.47557025	-79.05011238	09/13/2016	7.6 S
532.05	467.05	457.05	36.47557025	-79.05011238	09/13/2016	7.6 S
532.05	467.05	457.05	36.47557025	-79.05011238	11/10/2016	7.5 S
532.05	467.05	457.05	36.47557025	-79.05011238	11/10/2016	7.5 S
532.05	467.05	457.05	36.47557025	-79.05011238	01/19/2017	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	01/26/2017	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	03/15/2017	7.4
532.05	467.05	457.05	36.47557025	-79.05011238	04/17/2017	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	05/03/2017	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	07/20/2017	7.2

532.05	467.05	457.05	36.47557025	-79.05011238	07/20/2017	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	09/13/2017	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	11/16/2017	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	01/23/2018	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	01/23/2018	7.3
532.05	467.05	457.05	36.47557025	-79.05011238	04/11/2018	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	05/15/2018	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	07/26/2018	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	10/08/2018	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	11/13/2018	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	01/29/2019	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	04/24/2019	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	07/30/2019	7.2
532.05	467.05	457.05	36.47557025	-79.05011238	10/29/2019	7.2
529.44	432.34	422.34	36.46056754	-79.06041726	06/02/2015	7.5
529.44	432.34	422.34	36.46056754	-79.06041726	06/29/2015	8.0
529.44	432.34	422.34	36.46056754	-79.06041726	09/14/2015	8.0
529.44	432.34	422.34	36.46056754	-79.06041726	12/05/2015	7.9
529.44	432.34	422.34	36.46056754	-79.06041726	01/05/2016	7.6
529.44	432.34	422.34	36.46056754	-79.06041726	04/08/2016	8.3
529.44	432.34	422.34	36.46056754	-79.06041726	05/19/2016	8.4
529.44	432.34	422.34	36.46056754	-79.06041726	07/14/2016	**11.0**
529.44	432.34	422.34	36.46056754	-79.06041726	07/14/2016	**11.0**
529.44	432.34	422.34	36.46056754	-79.06041726	09/13/2016	**9.6**
529.44	432.34	422.34	36.46056754	-79.06041726	09/13/2016	**9.6**
529.44	432.34	422.34	36.46056754	-79.06041726	11/09/2016	7.7
529.44	432.34	422.34	36.46056754	-79.06041726	11/09/2016	7.7
529.44	432.34	422.34	36.46056754	-79.06041726	01/17/2017	7.9
529.44	432.34	422.34	36.46056754	-79.06041726	01/25/2017	7.7
529.44	432.34	422.34	36.46056754	-79.06041726	03/14/2017	7.8
529.44	432.34	422.34	36.46056754	-79.06041726	04/13/2017	7.9
529.44	432.34	422.34	36.46056754	-79.06041726	05/01/2017	7.7
529.44	432.34	422.34	36.46056754	-79.06041726	07/19/2017	7.7
529.44	432.34	422.34	36.46056754	-79.06041726	07/19/2017	7.7
529.44	432.34	422.34	36.46056754	-79.06041726	09/11/2017	7.9
529.44	432.34	422.34	36.46056754	-79.06041726	11/16/2017	8.4
529.44	432.34	422.34	36.46056754	-79.06041726	01/24/2018	7.9
529.44	432.34	422.34	36.46056754	-79.06041726	01/24/2018	7.9
529.44	432.34	422.34	36.46056754	-79.06041726	04/10/2018	7.9
529.44	432.34	422.34	36.46056754	-79.06041726	05/15/2018	8.0
529.44	432.34	422.34	36.46056754	-79.06041726	07/30/2018	7.9
529.44	432.34	422.34	36.46056754	-79.06041726	10/09/2018	7.9
529.44	432.34	422.34	36.46056754	-79.06041726	11/14/2018	8.1
529.44	432.34	422.34	36.46056754	-79.06041726	01/28/2019	8.0
529.44	432.34	422.34	36.46056754	-79.06041726	04/25/2019	7.7

529.44	432.34	422.34	36.46056754	-79.06041726	07/23/2019	8.1
529.44	432.34	422.34	36.46056754	-79.06041726	10/24/2019	**8.9**
529.66	481.56	471.56	36.46056082	-79.06041032	06/09/2015	**11.5**
529.66	481.56	471.56	36.46056082	-79.06041032	06/29/2015	**11.8**
529.66	481.56	471.56	36.46056082	-79.06041032	09/14/2015	**8.6**
529.66	481.56	471.56	36.46056082	-79.06041032	12/06/2015	7.1
529.66	481.56	471.56	36.46056082	-79.06041032	01/05/2016	7.2
529.66	481.56	471.56	36.46056082	-79.06041032	05/19/2016	7.5
529.66	481.56	471.56	36.46056082	-79.06041032	06/23/2016	7.1
529.66	481.56	471.56	36.46056082	-79.06041032	07/14/2016	7.4
529.66	481.56	471.56	36.46056082	-79.06041032	07/14/2016	7.4
529.66	481.56	471.56	36.46056082	-79.06041032	09/13/2016	7.6
529.66	481.56	471.56	36.46056082	-79.06041032	09/13/2016	7.6
529.66	481.56	471.56	36.46056082	-79.06041032	11/09/2016	**9.6**
529.66	481.56	471.56	36.46056082	-79.06041032	11/09/2016	**9.6**
529.66	481.56	471.56	36.46056082	-79.06041032	01/17/2017	6.9
529.66	481.56	471.56	36.46056082	-79.06041032	01/25/2017	6.9
529.66	481.56	471.56	36.46056082	-79.06041032	03/14/2017	7.1
529.66	481.56	471.56	36.46056082	-79.06041032	04/13/2017	7.0
529.66	481.56	471.56	36.46056082	-79.06041032	05/01/2017	7.6
529.66	481.56	471.56	36.46056082	-79.06041032	07/19/2017	7.0
529.66	481.56	471.56	36.46056082	-79.06041032	07/19/2017	7.0
529.66	481.56	471.56	36.46056082	-79.06041032	09/11/2017	6.9
529.66	481.56	471.56	36.46056082	-79.06041032	11/16/2017	7.0
529.66	481.56	471.56	36.46056082	-79.06041032	01/24/2018	6.7
529.66	481.56	471.56	36.46056082	-79.06041032	01/24/2018	6.7
529.66	481.56	471.56	36.46056082	-79.06041032	04/10/2018	7.1
529.66	481.56	471.56	36.46056082	-79.06041032	05/15/2018	7.0
529.66	481.56	471.56	36.46056082	-79.06041032	07/30/2018	7.1
529.66	481.56	471.56	36.46056082	-79.06041032	10/09/2018	7.2
529.66	481.56	471.56	36.46056082	-79.06041032	11/14/2018	6.8
529.66	481.56	471.56	36.46056082	-79.06041032	01/28/2019	6.8
529.66	481.56	471.56	36.46056082	-79.06041032	04/25/2019	6.9
529.66	481.56	471.56	36.46056082	-79.06041032	07/23/2019	7.0
529.66	481.56	471.56	36.46056082	-79.06041032	10/24/2019	6.5
561.16	498.15	488.15	36.47060000	-79.05823000	06/16/2016	7.5
561.16	498.15	488.15	36.47060000	-79.05823000	07/27/2016	7.2
561.16	498.15	488.15	36.47060000	-79.05823000	09/28/2016	7.2
561.16	498.15	488.15	36.47060000	-79.05823000	11/11/2016	7.2
561.16	498.15	488.15	36.47060000	-79.05823000	01/26/2017	7.2
561.16	498.15	488.15	36.47060000	-79.05823000	04/19/2017	7.4
561.16	498.15	488.15	36.47060000	-79.05823000	07/26/2017	7.2
561.16	498.15	488.15	36.47060000	-79.05823000	11/17/2017	7.2
561.16	498.15	488.15	36.47060000	-79.05823000	01/30/2018	7.1
561.16	498.15	488.15	36.47060000	-79.05823000	04/10/2018	7.0

561.16	498.15	488.15	36.47060000	-79.05823000	07/27/2018	7.0
561.16	498.15	488.15	36.47060000	-79.05823000	11/14/2018	7.1
561.16	498.15	488.15	36.47060000	-79.05823000	04/24/2019	7.0
561.16	498.15	488.15	36.47060000	-79.05823000	10/29/2019	7.0
476.30	316.30	306.30	36.47501260	-79.08001099	04/08/2019	6.8
476.30	316.30	306.30	36.47501260	-79.08001099	06/18/2019	6.7
476.30	316.30	306.30	36.47501260	-79.08001099	07/30/2019	6.6
476.30	316.30	306.30	36.47501260	-79.08001099	10/22/2019	6.7
476.95	255.95	245.95	36.47498555	-79.08000538	04/08/2019	7.0
476.95	255.95	245.95	36.47498555	-79.08000538	06/18/2019	6.9
476.95	255.95	245.95	36.47498555	-79.08000538	07/30/2019	6.7
476.95	255.95	245.95	36.47498555	-79.08000538	10/22/2019	6.9
477.85	77.85	62.85	36.47496319	-79.07999783	04/08/2019	6.7
477.85	77.85	62.85	36.47496319	-79.07999783	06/18/2019	7.2
477.85	77.85	62.85	36.47496319	-79.07999783	07/30/2019	7.1
477.85	77.85	62.85	36.47496319	-79.07999783	10/22/2019	7.2
470.55	317.55	307.55	36.47142863	-79.07894961	04/09/2019	7.5
470.55	317.55	307.55	36.47142863	-79.07894961	06/18/2019	7.5
470.55	317.55	307.55	36.47142863	-79.07894961	07/31/2019	7.3
470.55	317.55	307.55	36.47142863	-79.07894961	10/22/2019	7.4
470.55	247.55	237.55	36.47140385	-79.07893778	04/08/2019	7.8
470.55	247.55	237.55	36.47140385	-79.07893778	06/18/2019	7.9
470.55	247.55	237.55	36.47140385	-79.07893778	07/31/2019	7.5
470.55	247.55	237.55	36.47140385	-79.07893778	10/22/2019	7.7
470.70	98.69	88.69	36.47137117	-79.07892361	04/08/2019	7.5
470.70	98.69	88.69	36.47137117	-79.07892361	06/18/2019	7.3
470.70	98.69	88.69	36.47137117	-79.07892361	07/31/2019	7.2
470.70	98.69	88.69	36.47137117	-79.07892361	10/22/2019	7.2
483.47	288.47	278.47	36.47829000	-79.05124000	03/15/2016	7.5
483.47	288.47	278.47	36.47829000	-79.05124000	06/17/2016	7.3
483.47	288.47	278.47	36.47829000	-79.05124000	07/28/2016	7.6
483.47	288.47	278.47	36.47829000	-79.05124000	09/27/2016	7.5
483.47	288.47	278.47	36.47829000	-79.05124000	11/11/2016	7.4
483.47	288.47	278.47	36.47829000	-79.05124000	01/26/2017	7.3
483.47	288.47	278.47	36.47829000	-79.05124000	04/17/2017	7.6
483.47	288.47	278.47	36.47829000	-79.05124000	07/20/2017	7.3
483.47	288.47	278.47	36.47829000	-79.05124000	11/20/2017	7.4
483.47	288.47	278.47	36.47829000	-79.05124000	01/29/2018	7.6
483.47	288.47	278.47	36.47829000	-79.05124000	04/11/2018	7.2
483.47	288.47	278.47	36.47829000	-79.05124000	07/26/2018	7.4
483.47	288.47	278.47	36.47829000	-79.05124000	11/15/2018	7.7
483.47	288.47	278.47	36.47829000	-79.05124000	01/29/2019	7.0
483.47	288.47	278.47	36.47829000	-79.05124000	04/24/2019	7.2
483.47	288.47	278.47	36.47829000	-79.05124000	07/25/2019	6.9
483.47	288.47	278.47	36.47829000	-79.05124000	10/29/2019	7.4

526.57	383.57	368.57	36.47500000	-79.06077000	07/14/2016	**11.3**
526.57	383.57	368.57	36.47500000	-79.06077000	07/28/2016	**11.2**
525.72	390.72	375.72	36.47501276	-79.06081849	09/06/2018	7.4
525.72	390.72	375.72	36.47501276	-79.06081849	09/20/2018	7.2
525.72	390.72	375.72	36.47501276	-79.06081849	11/14/2018	7.4
525.72	390.72	375.72	36.47501276	-79.06081849	01/30/2019	7.5
525.72	390.72	375.72	36.47501276	-79.06081849	04/30/2019	7.4
525.72	390.72	375.72	36.47501276	-79.06081849	07/30/2019	7.6
525.72	390.72	375.72	36.47501276	-79.06081849	10/23/2019	7.5
470.93	410.93	400.93	36.48289000	-79.06282000	06/20/2016	7.1
470.93	410.93	400.93	36.48289000	-79.06282000	07/27/2016	7.0
470.93	410.93	400.93	36.48289000	-79.06282000	09/26/2016	7.1
470.93	410.93	400.93	36.48289000	-79.06282000	11/14/2016	7.0
470.93	410.93	400.93	36.48289000	-79.06282000	02/07/2017	6.9
470.93	410.93	400.93	36.48289000	-79.06282000	04/18/2017	6.5
470.93	410.93	400.93	36.48289000	-79.06282000	07/19/2017	6.7
470.93	410.93	400.93	36.48289000	-79.06282000	11/15/2017	6.7
470.93	410.93	400.93	36.48289000	-79.06282000	02/01/2018	6.6
470.93	410.93	400.93	36.48289000	-79.06282000	04/11/2018	**6.4**
470.93	410.93	400.93	36.48289000	-79.06282000	07/26/2018	**6.4**
470.93	410.93	400.93	36.48289000	-79.06282000	11/15/2018	6.6
470.93	410.93	400.93	36.48289000	-79.06282000	04/30/2019	**6.5**
470.93	410.93	400.93	36.48289000	-79.06282000	10/31/2019	**6.4**
470.79	180.79	170.79	36.48289000	-79.06283000	09/27/2016	**11.8**
470.79	444.79	434.79	36.48289000	-79.06285000	06/20/2016	6.5
470.79	444.79	434.79	36.48289000	-79.06285000	07/27/2016	**6.4**
470.79	444.79	434.79	36.48289000	-79.06285000	09/26/2016	**6.2**
470.79	444.79	434.79	36.48289000	-79.06285000	11/14/2016	**6.2**
470.79	444.79	434.79	36.48289000	-79.06285000	02/07/2017	**6.3**
470.79	444.79	434.79	36.48289000	-79.06285000	04/18/2017	**5.4**
470.79	444.79	434.79	36.48289000	-79.06285000	07/19/2017	**6.1**
470.79	444.79	434.79	36.48289000	-79.06285000	11/15/2017	**6.2**
470.79	444.79	434.79	36.48289000	-79.06285000	02/01/2018	**6.2**
470.79	444.79	434.79	36.48289000	-79.06285000	04/11/2018	**6.2**
470.79	444.79	434.79	36.48289000	-79.06285000	07/26/2018	**6.0**
470.79	444.79	434.79	36.48289000	-79.06285000	11/15/2018	**6.2**
470.79	444.79	434.79	36.48289000	-79.06285000	04/30/2019	**5.8**
470.79	444.79	434.79	36.48289000	-79.06285000	10/31/2019	**6.0**
515.74	396.74	386.74	36.47877000	-79.05344000	06/17/2016	7.5
515.74	396.74	386.74	36.47877000	-79.05344000	07/28/2016	**12.9**
515.74	396.74	386.74	36.47877000	-79.05344000	09/27/2016	**12.7**
515.74	396.74	386.74	36.47877000	-79.05344000	11/16/2016	**12.4**
521.11	327.11	317.11	36.47881418	-79.05336996	03/02/2017	6.9
521.11	327.11	317.11	36.47881418	-79.05336996	04/13/2017	7.0
521.11	327.11	317.11	36.47881418	-79.05336996	07/20/2017	6.8

521.11	327.11	317.11	36.47881418	-79.05336996	11/20/2017	6.9
521.11	327.11	317.11	36.47881418	-79.05336996	01/30/2018	6.9
521.11	327.11	317.11	36.47881418	-79.05336996	04/11/2018	6.8
521.11	327.11	317.11	36.47881418	-79.05336996	07/26/2018	6.8
521.11	327.11	317.11	36.47881418	-79.05336996	11/13/2018	6.9
521.11	327.11	317.11	36.47881418	-79.05336996	01/29/2019	6.9
521.11	327.11	317.11	36.47881418	-79.05336996	04/24/2019	6.8
521.11	327.11	317.11	36.47881418	-79.05336996	07/24/2019	6.9
521.11	327.11	317.11	36.47881418	-79.05336996	10/29/2019	6.8
524.02	379.02	369.02	36.47616000	-79.05036000	06/16/2016	7.6
524.02	379.02	369.02	36.47616000	-79.05036000	07/28/2016	7.7
524.02	379.02	369.02	36.47616000	-79.05036000	09/28/2016	7.7
524.02	379.02	369.02	36.47616000	-79.05036000	11/11/2016	8 S
524.02	379.02	369.02	36.47616000	-79.05036000	01/27/2017	7.9
524.02	379.02	369.02	36.47616000	-79.05036000	04/13/2017	7.8
524.02	379.02	369.02	36.47616000	-79.05036000	07/26/2017	7.8
524.02	379.02	369.02	36.47616000	-79.05036000	11/16/2017	7.7
524.02	379.02	369.02	36.47616000	-79.05036000	01/30/2018	7.8
524.02	379.02	369.02	36.47616000	-79.05036000	04/11/2018	7.7
524.02	379.02	369.02	36.47616000	-79.05036000	07/27/2018	7.8
524.02	379.02	369.02	36.47616000	-79.05036000	11/14/2018	7.9
524.02	379.02	369.02	36.47616000	-79.05036000	04/24/2019	7.9
524.02	379.02	369.02	36.47616000	-79.05036000	10/29/2019	8.0
540.36	440.36	430.36	36.47503000	-79.05152000	06/16/2016	6.9
540.36	440.36	430.36	36.47503000	-79.05152000	07/28/2016	7.0
540.36	440.36	430.36	36.47503000	-79.05152000	09/28/2016	7.0
540.36	440.36	430.36	36.47503000	-79.05152000	11/11/2016	7.1
540.36	440.36	430.36	36.47503000	-79.05152000	02/09/2017	6.9
540.36	440.36	430.36	36.47503000	-79.05152000	04/13/2017	7.1
540.36	440.36	430.36	36.47503000	-79.05152000	07/26/2017	7.1
540.36	440.36	430.36	36.47503000	-79.05152000	11/16/2017	7.1
540.36	440.36	430.36	36.47503000	-79.05152000	01/30/2018	7.1
540.36	440.36	430.36	36.47503000	-79.05152000	04/11/2018	7.1
540.36	440.36	430.36	36.47503000	-79.05152000	07/26/2018	7.1
540.36	440.36	430.36	36.47503000	-79.05152000	11/13/2018	7.0
518.04	443.84	433.84	36.46604000	-79.05998000	06/17/2016	7.1
518.04	443.84	433.84	36.46604000	-79.05998000	07/28/2016	7.1
518.04	443.84	433.84	36.46604000	-79.05998000	09/28/2016	7.2
518.04	443.84	433.84	36.46604000	-79.05998000	11/15/2016	7.2
518.04	443.84	433.84	36.46604000	-79.05998000	01/26/2017	7.1
518.04	443.84	433.84	36.46604000	-79.05998000	04/13/2017	7.3
518.04	443.84	433.84	36.46604000	-79.05998000	07/26/2017	7.2
518.04	443.84	433.84	36.46604000	-79.05998000	11/20/2017	7.2
518.04	443.84	433.84	36.46604000	-79.05998000	01/30/2018	7.2
518.04	443.84	433.84	36.46604000	-79.05998000	04/11/2018	7.2

518.04	443.84	433.84	36.46604000	-79.05998000	07/26/2018	7.2
518.04	443.84	433.84	36.46604000	-79.05998000	11/14/2018	7.2
518.04	443.84	433.84	36.46604000	-79.05998000	04/24/2019	7.1
518.04	443.84	433.84	36.46604000	-79.05998000	10/30/2019	7.1
481.13	416.13	406.13	36.48339834	-79.05942806	02/28/2017	7.3
481.13	416.13	406.13	36.48339834	-79.05942806	04/19/2017	7.3
481.13	416.13	406.13	36.48339834	-79.05942806	07/19/2017	7.2
481.13	416.13	406.13	36.48339834	-79.05942806	11/14/2017	7.4
481.13	416.13	406.13	36.48339834	-79.05942806	01/31/2018	7.4
481.13	416.13	406.13	36.48339834	-79.05942806	04/12/2018	7.3
481.13	416.13	406.13	36.48339834	-79.05942806	07/27/2018	7.2
481.13	416.13	406.13	36.48339834	-79.05942806	11/14/2018	7.3
481.13	416.13	406.13	36.48339834	-79.05942806	04/30/2019	7.2
481.13	416.13	406.13	36.48339834	-79.05942806	10/30/2019	7.3
474.07	350.07	340.07	36.48606000	-79.05757930	03/02/2017	7.5
474.07	350.07	340.07	36.48606000	-79.05757930	04/17/2017	7.4
474.07	350.07	340.07	36.48606000	-79.05757930	07/20/2017	7.4
474.07	350.07	340.07	36.48606000	-79.05757930	11/20/2017	7.8
474.07	350.07	340.07	36.48606000	-79.05757930	01/29/2018	7.8
474.07	350.07	340.07	36.48606000	-79.05757930	04/11/2018	7.5
474.07	350.07	340.07	36.48606000	-79.05757930	07/25/2018	7.5
474.07	350.07	340.07	36.48606000	-79.05757930	11/13/2018	7.4
474.07	350.07	340.07	36.48606000	-79.05757930	04/23/2019	7.5
474.07	350.07	340.07	36.48606000	-79.05757930	10/29/2019	7.5
496.10	422.10	412.10	36.48418413	-79.05480081	02/28/2017	7.2
496.10	422.10	412.10	36.48418413	-79.05480081	04/13/2017	7.3
496.10	422.10	412.10	36.48418413	-79.05480081	07/20/2017	7.2
496.10	422.10	412.10	36.48418413	-79.05480081	11/20/2017	7.6
496.10	422.10	412.10	36.48418413	-79.05480081	01/29/2018	7.5
496.10	422.10	412.10	36.48418413	-79.05480081	04/11/2018	7.3
496.10	422.10	412.10	36.48418413	-79.05480081	07/25/2018	7.3
496.10	422.10	412.10	36.48418413	-79.05480081	11/13/2018	7.2
496.10	422.10	412.10	36.48418413	-79.05480081	01/29/2019	7.3
496.10	422.10	412.10	36.48418413	-79.05480081	04/23/2019	7.3
496.10	422.10	412.10	36.48418413	-79.05480081	07/25/2019	7.2
496.10	422.10	412.10	36.48418413	-79.05480081	10/29/2019	7.3
520.86	390.86	380.86	36.48199456	-79.05371536	02/28/2017	6.9
520.86	390.86	380.86	36.48199456	-79.05371536	04/13/2017	6.9
520.86	390.86	380.86	36.48199456	-79.05371536	07/20/2017	6.8
520.86	390.86	380.86	36.48199456	-79.05371536	11/20/2017	7.2
520.86	390.86	380.86	36.48199456	-79.05371536	01/30/2018	6.9
520.86	390.86	380.86	36.48199456	-79.05371536	04/11/2018	6.8
520.86	390.86	380.86	36.48199456	-79.05371536	07/26/2018	6.8
520.86	390.86	380.86	36.48199456	-79.05371536	11/13/2018	6.9
520.86	390.86	380.86	36.48199456	-79.05371536	01/29/2019	6.9

520.86	390.86	380.86	36.48199456	-79.05371536	04/23/2019	6.8
520.86	390.86	380.86	36.48199456	-79.05371536	07/25/2019	6.7
520.86	390.86	380.86	36.48199456	-79.05371536	10/29/2019	6.9
502.71	434.71	424.71	36.46504878	-79.07856457	02/28/2017	6.9
502.71	434.71	424.71	36.46504878	-79.07856457	04/12/2017	7.0
502.71	434.71	424.71	36.46504878	-79.07856457	07/25/2017	7.2
502.71	434.71	424.71	36.46504878	-79.07856457	11/15/2017	6.9
502.71	434.71	424.71	36.46504878	-79.07856457	01/30/2018	7.0
502.71	434.71	424.71	36.46504878	-79.07856457	04/09/2018	6.7
502.71	434.71	424.71	36.46504878	-79.07856457	07/27/2018	6.8
502.71	434.71	424.71	36.46504878	-79.07856457	11/13/2018	7.0
502.71	434.71	424.71	36.46504878	-79.07856457	04/30/2019	6.8
502.71	434.71	424.71	36.46504878	-79.07856457	11/06/2019	6.8
509.27	259.27	249.27	36.46891496	-79.08037358	02/28/2017	7.5
509.27	259.27	249.27	36.46891496	-79.08037358	04/18/2017	7.6
509.27	259.27	249.27	36.46891496	-79.08037358	07/27/2017	7.6
509.27	259.27	249.27	36.46891496	-79.08037358	11/15/2017	7.7
509.27	259.27	249.27	36.46891496	-79.08037358	01/30/2018	7.8
509.27	259.27	249.27	36.46891496	-79.08037358	04/09/2018	7.5
509.27	259.27	249.27	36.46891496	-79.08037358	07/26/2018	7.5
509.27	259.27	249.27	36.46891496	-79.08037358	11/13/2018	7.6
509.27	259.27	249.27	36.46891496	-79.08037358	01/28/2019	7.5
509.27	259.27	249.27	36.46891496	-79.08037358	04/25/2019	7.4
509.27	259.27	249.27	36.46891496	-79.08037358	07/23/2019	7.3
509.27	259.27	249.27	36.46891496	-79.08037358	11/06/2019	7.4
516.89	233.89	223.89	36.47187342	-79.08142337	03/03/2017	**9.8**
516.89	233.89	223.89	36.47187342	-79.08142337	04/19/2017	**11.4**
516.89	233.89	223.89	36.47187342	-79.08142337	07/27/2017	7.7
516.89	233.89	223.89	36.47187342	-79.08142337	11/17/2017	8.4
516.89	233.89	223.89	36.47187342	-79.08142337	02/01/2018	**10.2**
516.89	233.89	223.89	36.47187342	-79.08142337	04/09/2018	**12.0**
516.89	233.89	223.89	36.47187342	-79.08142337	07/26/2018	**12.3**
516.89	233.89	223.89	36.47187342	-79.08142337	11/13/2018	**12.4**
516.89	233.89	223.89	36.47187342	-79.08142337	01/28/2019	**12.9**
516.89	233.89	223.89	36.47187342	-79.08142337	04/25/2019	**12.6**
516.89	233.89	223.89	36.47187342	-79.08142337	07/24/2019	**13.0**
516.89	233.89	223.89	36.47187342	-79.08142337	11/06/2019	**12.7**
443.61	369.61	359.61	36.48294613	-79.06507593	04/09/2019	7.2
443.61	369.61	359.61	36.48294613	-79.06507593	06/17/2019	7.1
443.61	369.61	359.61	36.48294613	-79.06507593	07/29/2019	7.0
443.61	369.61	359.61	36.48294613	-79.06507593	10/23/2019	7.0
442.76	400.76	390.76	36.48296591	-79.06509579	04/09/2019	6.8
442.76	400.76	390.76	36.48296591	-79.06509579	06/17/2019	6.7
442.76	400.76	390.76	36.48296591	-79.06509579	07/29/2019	6.6
442.76	400.76	390.76	36.48296591	-79.06509579	10/23/2019	6.6

444.04	356.04	346.04	36.48227808	-79.06469442	04/09/2019	7.2
444.04	356.04	346.04	36.48227808	-79.06469442	06/17/2019	7.3
444.04	356.04	346.04	36.48227808	-79.06469442	07/29/2019	7.1
444.04	356.04	346.04	36.48227808	-79.06469442	10/23/2019	7.3
444.08	413.08	403.08	36.48227640	-79.06468030	04/09/2019	**6.5**
444.08	413.08	403.08	36.48227640	-79.06468030	06/17/2019	**6.4**
444.08	413.08	403.08	36.48227640	-79.06468030	07/29/2019	**6.4**
444.08	413.08	403.08	36.48227640	-79.06468030	10/23/2019	**6.4**
443.97	435.97	425.97	36.48229366	-79.06466775	04/11/2019	6.5
443.97	435.97	425.97	36.48229366	-79.06466775	06/17/2019	**6.4**
443.97	435.97	425.97	36.48229366	-79.06466775	07/29/2019	**6.4**
443.97	435.97	425.97	36.48229366	-79.06466775	10/23/2019	**6.4**
443.98	372.98	362.98	36.48285767	-79.06397873	04/10/2019	6.7
443.98	372.98	362.98	36.48285767	-79.06397873	06/17/2019	6.9
443.98	372.98	362.98	36.48285767	-79.06397873	07/30/2019	6.6
443.98	372.98	362.98	36.48285767	-79.06397873	10/23/2019	6.6
443.83	415.83	405.83	36.48287798	-79.06397334	04/10/2019	**6.5**
443.83	415.83	405.83	36.48287798	-79.06397334	06/17/2019	6.6
443.83	415.83	405.83	36.48287798	-79.06397334	07/30/2019	**6.4**
443.83	415.83	405.83	36.48287798	-79.06397334	10/23/2019	6.6
447.51	366.51	356.51	36.48248394	-79.06401778	04/10/2019	7.6
447.51	366.51	356.51	36.48248394	-79.06401778	06/17/2019	**9.3**
447.51	366.51	356.51	36.48248394	-79.06401778	07/30/2019	**8.9**
447.51	366.51	356.51	36.48248394	-79.06401778	10/23/2019	**9.2**
447.85	415.85	405.85	36.48249127	-79.06398807	04/10/2019	**6.2**
447.85	415.85	405.85	36.48249127	-79.06398807	06/17/2019	**6.2**
447.85	415.85	405.85	36.48249127	-79.06398807	07/30/2019	**6.2**
447.85	415.85	405.85	36.48249127	-79.06398807	10/23/2019	**6.2**
448.09	440.09	430.09	36.48250036	-79.06396382	04/11/2019	**6.3**
448.09	440.09	430.09	36.48250036	-79.06396382	06/17/2019	**6.1**
448.09	440.09	430.09	36.48250036	-79.06396382	07/30/2019	**6.1**
448.09	440.09	430.09	36.48250036	-79.06396382	10/23/2019	**6.2**
513.84	318.84	303.84	36.46119579	-79.06377706	04/22/2019	8.5
513.84	318.84	303.84	36.46119579	-79.06377706	07/31/2019	**9.9**
513.84	318.84	303.84	36.46119579	-79.06377706	10/24/2019	**12.8**
513.77	474.77	464.77	36.46119713	-79.06379789	04/22/2019	**6.1**
513.77	474.77	464.77	36.46119713	-79.06379789	06/24/2019	**6.5**
513.77	474.77	464.77	36.46119713	-79.06379789	07/31/2019	**6.3**
513.77	474.77	464.77	36.46119713	-79.06379789	10/24/2019	**6.1**
511.64	511.64	511.64	36.47819303	-79.05729464	04/06/2016	NM
511.64	511.64	511.64	36.47819303	-79.05729464	11/01/2016	NM
468.85	468.85	468.85	36.48065574	-79.06681886	04/06/2016	NM
468.85	468.85	468.85	36.48065574	-79.06681886	11/01/2016	NM
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---	---	---	36.46244880	-79.08326904	06/20/2018	7.1
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---	---	---	36.47987637	-79.04448846	10/05/2016	**5.9**
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468.18	465.18	460.18	36.47673878	-79.07539491	10/24/2019	**3.8**
497.30	454.30	449.30	36.47883534	-79.06504291	09/15/2015	7.1
476.44	348.84	343.84	36.48013832	-79.06481721	11/15/2016	7.1
530.89	498.39	478.89	36.46413643	-79.08111024	09/08/2016	6.5
530.89	498.39	478.89	36.46413643	-79.08111024	07/29/2019	6.6
530.89	498.39	478.89	36.46413643	-79.08111024	11/12/2019	6.6
518.48	368.48	358.48	36.46475173	-79.08018400	04/09/2018	8.0
433.77	368.77	358.77	36.48090832	-79.06824927	11/10/2016	6.5
422.29	382.29	372.29	36.48188604	-79.06617721	05/16/2018	7.0
422.29	382.29	372.29	36.48188604	-79.06617721	10/08/2018	7.0
498.79	454.79	444.79	36.48137121	-79.05785311	09/20/2016	**6.2**
517.78	456.78	446.78	36.48070107	-79.05651827	05/02/2017	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	07/20/2016	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	07/20/2017	6.6
506.67	484.67	474.67	36.47569361	-79.05688883	01/23/2018	6.6
490.34	446.34	436.34	36.47700429	-79.07408791	01/24/2018	**6.2**
452.30	418.30	408.30	36.47712568	-79.07556100	01/17/2017	**6.3**
413.79	364.79	354.79	36.47691209	-79.07704704	07/19/2016	6.5
424.96	389.96	379.96	36.47635520	-79.07866976	07/24/2019	6.8
470.07	413.07	403.07	36.47148030	-79.07897012	05/18/2016	**6.2**
470.07	413.07	403.07	36.47148030	-79.07897012	07/20/2016	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	09/12/2017	**6.1**
470.07	413.07	403.07	36.47148030	-79.07897012	01/24/2019	**6.1**
470.78	450.78	440.78	36.46820965	-79.07696388	09/15/2016	6.5
470.78	450.78	440.78	36.46820965	-79.07696388	03/15/2017	6.6
500.43	447.43	437.43	36.46917083	-79.07423981	11/08/2016	6.6
511.31	446.31	436.31	36.46670678	-79.07460319	01/25/2018	6.8
511.31	446.31	436.31	36.46670678	-79.07460319	05/14/2018	6.8
511.31	446.31	436.31	36.46670678	-79.07460319	10/09/2018	6.7
466.52	428.52	418.52	36.46536366	-79.07176177	09/14/2016	6.8
466.52	428.52	418.52	36.46536366	-79.07176177	07/18/2017	6.8
482.44	442.44	432.44	36.46411843	-79.07211545	05/02/2017	6.6

482.44	442.44	432.44	36.46411843	-79.07211545	09/12/2017	6.6
505.77	485.82	466.02	36.48205452	-79.05777710	04/18/2011	6.5
505.77	485.82	466.02	36.48205452	-79.05777710	11/12/2013	**6.3**
505.77	485.82	466.02	36.48205452	-79.05777710	07/15/2014	**6.4**
422.15	397.05	392.25	36.47833258	-79.07662676	04/02/2012	7.1
422.15	397.05	392.25	36.47833258	-79.07662676	11/06/2012	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	04/08/2013	6.9
422.15	397.05	392.25	36.47833258	-79.07662676	04/16/2015	6.9
422.15	397.05	392.25	36.47833258	-79.07662676	04/07/2016	7.0
422.15	397.05	392.25	36.47833258	-79.07662676	07/18/2017	6.7
422.15	397.05	392.25	36.47833258	-79.07662676	04/11/2018	6.8
422.15	397.05	392.25	36.47833258	-79.07662676	07/25/2018	6.5
422.15	397.05	392.25	36.47833258	-79.07662676	11/13/2018	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	07/13/2011	**6.4**
448.46	445.06	437.06	36.46694848	-79.07711661	07/11/2012	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	04/04/2014	**6.0**
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448.46	445.06	437.06	36.46694848	-79.07711661	11/04/2015	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	07/12/2016	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	11/01/2016	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	11/01/2016	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	02/08/2017	**6.4**
448.46	445.06	437.06	36.46694848	-79.07711661	04/11/2017	**6.2**
448.46	445.06	437.06	36.46694848	-79.07711661	07/18/2017	6.5
448.46	445.06	437.06	36.46694848	-79.07711661	11/14/2017	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	01/30/2018	6.6
448.46	445.06	437.06	36.46694848	-79.07711661	04/24/2019	**5.6**
448.46	445.06	437.06	36.46694848	-79.07711661	10/30/2019	6.5
477.26	452.94	438.26	36.46374186	-79.07277518	11/02/2011	7.0
477.26	452.94	438.26	36.46374186	-79.07277518	11/14/2017	6.8
477.26	452.94	438.26	36.46374186	-79.07277518	11/14/2018	6.5
457.43	452.73	437.93	36.47826950	-79.07359498	07/08/2013	**6.4**
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433.62	408.62	403.62	36.48088958	-79.06822557	01/19/2017	6.7
433.62	408.62	403.62	36.48088958	-79.06822557	03/16/2017	6.7
433.62	408.62	403.62	36.48088958	-79.06822557	07/20/2017	NM
433.62	408.62	403.62	36.48088958	-79.06822557	07/25/2019	6.8
477.76	447.76	432.76	36.48143363	-79.06456918	04/03/2012	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	07/01/2015	**6.4**
477.76	447.76	432.76	36.48143363	-79.06456918	11/14/2017	6.7
477.76	447.76	432.76	36.48143363	-79.06456918	04/10/2018	6.5
477.76	447.76	432.76	36.48143363	-79.06456918	11/12/2018	**6.3**
477.76	447.76	432.76	36.48143363	-79.06456918	11/11/2019	**6.5**
525.58	472.58	462.58	36.47496150	-79.06077086	04/19/2011	**6.5**
533.80	503.80	488.80	36.47470072	-79.05760960	04/09/2013	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	04/21/2015	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	11/05/2015	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	04/06/2016	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	02/09/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	04/11/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	04/11/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	05/03/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	09/13/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	11/14/2017	**6.2**
533.80	503.80	488.80	36.47470072	-79.05760960	10/08/2018	**6.3**
533.80	503.80	488.80	36.47470072	-79.05760960	01/29/2019	**6.3**

533.80	503.80	488.80	36.47470072	-79.05760960	04/30/2019	**6.1**
533.80	503.80	488.80	36.47470072	-79.05760960	07/25/2019	**5.8**
490.97	460.97	445.97	36.48206422	-79.06316151	11/07/2012	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	11/12/2013	**6.0**
490.97	460.97	445.97	36.48206422	-79.06316151	11/11/2014	**6.0**
493.41	463.41	448.41	36.48173349	-79.06200388	11/01/2011	6.9
493.41	463.41	448.41	36.48173349	-79.06200388	04/03/2014	6.6
493.41	463.41	448.41	36.48173349	-79.06200388	02/01/2018	**6.4**
434.67	335.67	325.67	36.48378406	-79.06520510	07/31/2018	6.6
434.67	335.67	325.67	36.48378406	-79.06520510	11/15/2018	6.6
434.67	335.67	325.67	36.48378406	-79.06520510	05/01/2019	**6.5**
433.38	344.27	333.77	36.48485004	-79.06293799	05/24/2017	6.6
433.38	344.27	333.77	36.48485004	-79.06293799	07/24/2017	**6.4**
433.38	344.27	333.77	36.48485004	-79.06293799	11/15/2018	6.6
433.27	397.38	387.38	36.48484924	-79.06291698	01/25/2018	6.9
433.27	397.38	387.38	36.48484924	-79.06291698	10/31/2019	7.3
432.66	409.66	399.66	36.48562760	-79.06072428	04/12/2017	**6.1**
449.59	392.49	382.49	36.48525754	-79.05989552	05/29/2015	6.6
415.02	352.12	342.02	36.48052623	-79.07467883	09/13/2015	7.9
415.02	352.12	342.02	36.48052623	-79.07467883	09/23/2016	8.0
447.25	405.25	395.25	36.47754626	-79.08091696	01/07/2016	6.5
533.42	497.42	492.42	36.46995979	-79.06097778	12/04/2015	7.1
453.48	401.48	396.48	36.47345637	-79.08069851	04/29/2019	7.1
550.12	507.12	502.12	36.47190203	-79.05849596	05/30/2015	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	01/06/2016	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	05/10/2016	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	07/14/2016	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	07/14/2016	**6.2**
550.12	507.12	502.12	36.47190203	-79.05849596	01/19/2017	**6.1**
550.12	507.12	502.12	36.47190203	-79.05849596	05/15/2018	**6.1**
510.56	433.56	428.56	36.48671171	-79.05221504	06/10/2015	7.0
505.24	484.24	474.24	36.46190777	-79.07548879	01/25/2017	6.6
517.62	467.12	462.12	36.47115005	-79.06386924	11/10/2016	7.2 S
517.62	467.12	462.12	36.47115005	-79.06386924	03/14/2017	6.9
529.44	432.34	422.34	36.46056754	-79.06041726	04/08/2016	8.3
529.44	432.34	422.34	36.46056754	-79.06041726	01/28/2019	8.0
561.16	498.15	488.15	36.47060000	-79.05823000	11/11/2016	7.2
561.16	498.15	488.15	36.47060000	-79.05823000	04/19/2017	7.4
476.30	316.30	306.30	36.47501260	-79.08001099	04/08/2019	6.8
476.95	255.95	245.95	36.47498555	-79.08000538	07/30/2019	6.7
477.85	77.85	62.85	36.47496319	-79.07999783	06/18/2019	7.2
483.47	288.47	278.47	36.47829000	-79.05124000	09/27/2016	7.5
483.47	288.47	278.47	36.47829000	-79.05124000	07/20/2017	7.3
483.47	288.47	278.47	36.47829000	-79.05124000	11/20/2017	7.4
483.47	288.47	278.47	36.47829000	-79.05124000	01/29/2018	7.6

483.47	288.47	278.47	36.47829000	-79.05124000	04/11/2018	7.2
483.47	288.47	278.47	36.47829000	-79.05124000	10/29/2019	7.4
470.79	444.79	434.79	36.48289000	-79.06285000	04/11/2018	**6.2**
540.36	440.36	430.36	36.47503000	-79.05152000	07/28/2016	7.0
540.36	440.36	430.36	36.47503000	-79.05152000	11/16/2017	7.1
540.36	440.36	430.36	36.47503000	-79.05152000	04/11/2018	7.1
518.04	443.84	433.84	36.46604000	-79.05998000	07/26/2018	7.2
520.86	390.86	380.86	36.48199456	-79.05371536	07/26/2018	6.8
520.86	390.86	380.86	36.48199456	-79.05371536	11/13/2018	6.9
502.71	434.71	424.71	36.46504878	-79.07856457	02/28/2017	6.9
502.71	434.71	424.71	36.46504878	-79.07856457	04/12/2017	7.0
502.71	434.71	424.71	36.46504878	-79.07856457	07/27/2018	6.8
502.71	434.71	424.71	36.46504878	-79.07856457	11/13/2018	7.0
509.27	259.27	249.27	36.46891496	-79.08037358	04/25/2019	7.4
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FIELD PARAMETERS							
ft	Deg C	umhos/cm	mg/L	mV	mV	NTUs	mg/L
NE	NE	NE	NE	NE	NE	NE	NE
NE	NE	NE	NE	NE	NE	NE	NE
NE	NE	NE	NE	NE	NE	NE	NE

FIELD PARAMETERS							
Water Level	Temperature	Specific Conductance	Dissolved Oxygen	Oxidation Reduction Potential	Eh	Turbidity	Ferrous Iron
6.97	22	621	0.63	-201	4	117	NM
6.89	23	617	0.70	-76	129	4.35	0
6.67	23	588	0.50	282	487	4.34	NM
7.00	23	2	8.30	-37	168	7.17	0
6.72	16	545	0.50	-234	-29	3.2	0
6.59	8	539	0.59	-37	168	4.52	0
6.48	13	533	0.46	-196	9	1.7	NM
6.41	23	533	0.29	-181	24	6.13	NM
7.16	17	532	0.58 S	-407	-202	1.04	0
7.31	13	537	0.40	-168	37	1.13	NM
7.88	16	620	1.36	-220	-15	4.15	<0.5
6.81	25	539	0.32	45	250	4.52	NM
7.39	17	538	0.44	-219	-14	3.35	NM
6.05	8	496	0.44	57	262	1.54	NM
6.34	15	550	0.39	-52	153	1.04	NM
6.25	21	535	0.31	-48	157	2.2	NM
5.51	8	499	0.37	-239	-34	3.7	NM
7.13	21	522	0.14	-194	11	3.1	NM
8.39	18	507	0.29	-133	72	0.3	NM
7.76	19	532	0.31	-154	51	2.6	1.25
7.52	21	509	1.00	-321	-116	2.44	NM
7.96	22	532	0.50	112	317	3.39	1.5
8.65	16	520	0.50	-153	52	2.4	1.5
7.43	12	523	0.70	-98	107	3.11	2
7.23	14	527	0.45	-71	134	1.99	NM
7.33	23	567	0.49	-65	140	1.32	NM
7.94	17	559	0.87 S	-382	-177	2.31	2
7.97	15	553	0.44	-131	74	0.84	NM
8.64	17	612	1.08	-162	44	4.8	1.5
7.71	23	564	0.36	14	219	6.97	NM

8.26	18	546	0.38	-87	118	2.24	NM
7.09	11	495	0.39	-70	135	0.87	NM
7.21	16	556	0.29	-76	129	1.21	NM
7.01	21	571	0.30	-38	167	0.5	NM
6.28	8	510	0.53	-79	126	1.4	NM
7.74	18	560	0.14	-72	133	1.3	NM
9.31	19	558	0.29	-59	146	0.2	NM
9.09	22	509	3.90	-155	50	6.38	<0.5
8.88	24	490	0.60	-158	47	9.3	NM
9.22	23	459	0.30	-191	14	1	0
8.77	13	450	0.48	-160	45	1.31	0
8.74	11	422	0.57	59	264	4.66	0
7.68	22	477	0.15	-126	79	8.6	NM
9.43	19	474	0.31 S	-245	-40	9.81	3
8.99	13	461	0.28	-214	-9	4.8	NM
10.41	22	514	1.16	-102	103	4.99	4
8.22	26	502	0.29	-168	37	5.87	NM
10.20	20	522	0.28	-145	60	5.83	NM
7.11	12	457	0.39	-236	-31	5.47	NM
7.43	17	435	0.32	-198	7	3.91	NM
7.52	25	751	0.11	12	217	1.9	NM
7.08	13	533	0.30	-115	90	8.4	NM
10.91	24	494	0.10	-161	44	1.1	NM
12.00	18	450	0.18	-162	43	7.9	NM
9.19	21	570	0.10	-239	34	13.2	NM
8.88	21	563	0.60	-268	-63	7.86	NM
9.45	21	790	0.29	-230	-25	7.46	0
8.74	15	121	0.51	-166	39	2.68	0
8.60	13	1001	3.35	-31	174	9.89	0
7.66	22	950	0.32	-229	-24	23.3	NM
9.18	20	551	0.66 S	-276	-71	3.91	0.5
8.99	15	299	0.25	-229	-24	4.75	NM
10.02	20	603	0.89	-161	44	5.07	<0.5
8.25	24	534	0.28	-305	-100	5.44	NM
9.88	20	495	0.20	-265	-60	8.72	NM
7.10	13	266	0.31	-201	4	1.32	NM
7.42	17	646	0.16	-261	-56	2.14	NM
7.51	25	1113	0.13	-28	177	0.4	NM
7.07	14	678	0.20	-165	40	3.7	NM
9.69	22	692	0.16	-181	24	5.5	NM
11.91	18	687	0.28	20	225	0.2	NM
8.09	22	1191	0.23	278	483	8.85	6.5
7.35	24	1200	0.50	187	483	4.61	2.5
7.79	19	2839	0.40	-17	188	7.67	6.5
7.57	25	1750	0.36	193	398	4.12	NM

7.87	12	1318	1.2 S	-265	-60	0.67	3
7.46	18	1790	1.60	112	317	0.87	NM
8.20	18	1319	1.27	-26	179	3.45	3.5
8.01	27	1354	0.32	293	498	5.66	NM
7.74	20	1240	0.43	332	537	0.84	NM
5.75	12	2897	2.98	307	512	1.7	NM
6.67	13	1391	1.57	228	433	1.22	NM
6.94	34	1263	0.35	24	229	1.1	NM
4.50	16	1300	1.13	345	550	5.4	NM
7.50	20	1197	0.37	239	444	2.6	NM
9.63	20	1573	0.57	226	431	6.1	NM
23.90	24	4154	0.48	41	246	8.4	<0.5
23.77	22	3927	0.50	-39	166	3.17	5.5
24.72	19	3798	0.40	105	310	7.64	6
24.01	22	3590	0.91	79	284	8.66	NM
24.00	13	3588	0.68 S	-347	-142	6.94	5
23.59	20	3538	0.49	-76	129	2.94	NM
24.57	20	2146	0.75	-104	101	3.63	6
24.14	24	3550	0.37	89	294	3.98	NM
24.85	19	3608	0.31	129	334	2.07	NM
23.96	13	3664	0.35	106	311	1.33	NM
23.40	17	3577	0.33	70	275	3.49	NM
23.53	33	3575	0.31	5	210	1.9	NM
21.92	15	3214	0.41	101	306	9.9	NM
23.12	23	3735	0.38	121	326	3.8	NM
26.15	19	3627	0.29	159	364	8.9	NM
43.35	20	1117	3.08	-191	14	9.6	0.5
43.81	20	1183	0.30	-231	-26	9.37	0
44.71	22	1079	0.64	-196	9	6.88	NM
44.51	15	1114	0.5 S	-317	-112	9.75	0.5
44.55	13	1125	0.40	-19	186	9.85	NM
44.87	20	989	1.64	-165	41	5.51	<0.5
44.63	27	1075	0.78	-147	58	4.84	NM
45.41	18	1018	1.72	-144	61	4.78	NM
44.83	14	1088	0.44	-160	45	4.93	NM
44.23	17	1182	2.34	-189	16	0.25	NM
44.67	27	1109	0.27	-13	192	1.2	NM
43.10	17	1035	0.88	-22	183	5.5	NM
42.10	24	1391	0.45	-73	132	0.5	NM
46.42	19	976	0.38	86	291	1.7	NM
31.30	21	4137	0.40	-177	28	42.8	NM
31.32	20	4155	0.40	-167	38	9.73	3.25
31.20	18	4296	0.20	-220	38	3.04	NM
33.27	18	4232	0.80	-145	60	1.38	3.5
31.00	11	3908	0.54	-131	74	3.75	0

29.81	13	3712	0.30	-137	68	3.87	3.5
32.40	20	4003	0.15	-160	45	8.94	2.5
31.78	15	3983	0.71	-377	-172	9.6	6
31.28	17	3952	0.19 S	-179	26	9.26	5.5
31.79	17	3272	0.4 S	-111	94	8.72	2.5
31.03	22	4092	0.24	-32	173	9.79	NM
32.49	14	4077	0.45	-138	67	9.61	NM
32.00	9	4128	0.35	-120	85	7.32	NM
31.24	16	4022	0.36	-133	72	9.45	NM
32.32	19	4097	1.48	-42	163	9.4	NM
30.98	26	379	0.60	-185	20	9.3	1.5
32.80	19	413	0.20	-186	19	9.15	NM
33.29	18	431	0.40	-150	55	8.72	2.6
31.80	10	403	0.70	122	327	7.12	3.5
29.90	11	433	0.49	18	223	2.96	1.5
32.45	23	457	0.39	-110	95	7.17	NM
31.75	17	448	0.49	-246	-41	9.54	NM
31.21	20	462	0.64	-145	60	9.46	4
31.59	19	407	0.38 S	-75	130	8.36	4.5
31.14	23	469	0.43	-26	179	9.66	NM
32.45	12	422	0.50	-93	113	6.37	NM
32.00	12	423	0.33	-74	131	9.41	NM
31.26	15	425	0.55	-67	138	5.1	NM
31.10	20	434	2.55	84	289	9.8	NM
10.91	12	1968	0.20	-246	-41	4.15	0
12.55	18	2093	0.20	-236	-31	2.45	NM
14.71	18	2094	0.20	-135	71	2.88	0.5
12.37	15	2262	0.17	-158	47	3.71	2
11.29	13	2459	0.40	-155	50	0.5	1.5
13.86	18	2697	0.20	-121	45	4.37	1.5
13.20	14	2735	0.47	-372	-167	1.63	2
12.70	16	2653	0.29	-54	151	1.15	1.5
13.05	16	2580	0.26	-176	29	3.92	NM
13.21	17	2000	0.23 S	-140	65	2.33	1.5
12.45	20	2815	0.20	-71	134	1.52	NM
13.67	15	2947	0.20	-161	44	1.28	NM
13.12	13	2908	0.21	-161	44	0.84	NM
12.46	16	2719	0.17	-162	43	1.93	NM
12.62	20	2756	0.33	37	242	0.6	NM
9.70	11	2569	0.23	29	234	2.3	NM
44.88	18	442	0.10	-136	69	7.89	NM
45.40	19	451	0.36	231	436	9.87	NM
47.42	19	465	0.13	-224	-19	9.98	3
44.61	11	441	0.92	-126	79	19.84	3
45.35	12	442	0.50	-189	16	19.4	2

46.59	19	462	0.09	-210	-5	9.93	3.5
46.05	14	467	0.42	-402	-197	9.59	2.5
45.91	16	466	0.28	-129	76	9.98	2.5
46.19	17	464	0.17 S	-195	10	9.62	2
42.86	25	503	0.12	-135	70	21.9	NM
45.46	16	505	0.19	-165	40	9.35	NM
45.11	13	507	0.36	-182	23	9.9	NM
44.68	16	521	0.02	-270	-65	9.89	NM
45.44	23	543	0.26	42	247	9.9	NM
43.55	12	556	0.15	84	289	8.7	NM
44.30	16	546	0.17	-187	18	5.3	NM
47.39	18	619	0.15	-110	95	9.7	NM
11.56	20	1497	0.20	-158	47	3.16	2.7
12.81	20	11	0.40	259	464	16.6	NM
14.05	19	1143	0.40	710	915	0.37	5.5
13.51	20	1056	0.25	-83	123	2.58	NM
12.90	17	1111	0.26	-113	92	4.62	3
12.46	18	1175	0.34 S	-151	54	1.53	3
12.78	20	1069	0.33 S	-29	176	8.35	1.5
12.70	25	1129	0.36	-150	55	8.02	NM
13.02	13	1163	0.37	-167	38	5.39	NM
12.53	13	1183	0.31	-172	33	6.6	NM
12.25	15	1227	0.58	-200	5	3.92	NM
12.11	24	1185	0.67	-25	180	4.6	NM
10.24	9	1141	0.27	-63	142	9.1	NM
12.05	17	1043	0.24	-136	69	2.7	NM
15.88	17	1021	0.30	100	305	4.6	NM
11.50	19	584	0.50	87	292	4.78	0
12.80	20	585	0.90	268	473	8.59	NM
14.07	19	586	0.40	-28	177	2.96	0
12.22	16	561	0.41	67	272	0.81	0
11.56	14	538	0.31	10	215	2.94	0.5
11.49	12	541	0.59	162	367	3.36	NM
13.59	20	535	0.43	54	259	0.59	0
12.97	18	529	0.38	-2	203	5.23	0.5
12.45	17	522	0.35 S	-112	93	0.22	<0.5
12.80	20	504	0.4 S	-33	172	4.78	0.5
12.72	23	528	0.49	-37	168	1.49	NM
13.07	15	530	0.28	-39	166	1.35	NM
12.54	13	543	0.42	-47	158	0.79	NM
12.28	16	539	0.30	-77	128	1.9	NM
12.12	22	538	0.60	52	257	2.3	NM
10.25	9	524	0.33	65	270	4.2	NM
12.06	17	527	0.18	-6	199	8.2	NM
15.83	17	523	0.32	147	352	0.9	NM

10.55	11	615	0.40	-58	147	2.74	0
12.18	20	639	0.41	-271	-66	3.52	NM
14.18	21	712	0.30	-176	29	1.28	0
14.18	20	910	0.25	-133	72	1.37	0
12.71	18	839	0.65	-345	-140	1.48	0
12.25	18	935	0.27 S	153	358	0.6	0
12.73	20	1051	0.39 S	-163	42	1.11	0
11.90	23	978	0.39	49	254	1.23	NM
13.32	17	1011	0.41	-129	76	6.85	NM
14.95	20	690	0.21	-107	98	4.4	NM
15.04	19	709	0.90	-169	36	1.82	NM
17.17	21	705	0.50	-93	112	0.15	0.5
14.85	15	684	0.45	-143	63	0.53	0
13.92	12	654	0.70	-61	144	0.89	0.5
16.39	20	677	0.35	-99	106	2.23	0.5
15.68	18	684	0.52	-38	168	3.22	0.5
15.23	18	659	0.3 S	107	312	0.53	0
15.72	18	613	0.32 S	-89	116	0.94	0
14.72	23	676	0.42	43	248	1.2	NM
16.48	16	654	0.36	-45	160	3.85	NM
15.94	12	625	0.36	-78	127	0.41	NM
15.08	15	675	0.35	-67	138	0.25	NM
15.02	21	668	0.68	91	296	2.0	NM
12.55	14	675	0.52	131	336	2.9	NM
14.73	19	640	0.30	-57	148	2.9	NM
19.58	19	646	0.61	145	350	0.4	NM
22.73	21	691	1.09	-118	87	6.09	0.5
22.80	23	750	1.32	-160	45	6.14	0.5
24.40	20	723	1.11	-161	44	3.02	0
23.69	18	706	1.03	-101	104	2.53	0
23.26	18	723	0.54 S	-15	190	2.32	0
23.76	21	691	0.87 S	-141	64	3.12	0
22.51	24	699	0.90	-10	195	1.72	NM
24.51	15	679	0.98	-81	125	8.07	NM
24.10	12	655	0.92	-139	66	0.87	NM
23.36	14	833	0.83	-89	116	1.02	NM
23.37	21	811	1.30	73	278	3.6	NM
21.09	11	801	1.02	44	249	1.1	NM
19.55	19	762	0.31	-149	56	2.1	NM
24.45	20	757	0.43	96	301	0.3	NM
21.21	17	625	0.51	159	364	9.7	NM
25.10	21	631	0.37	146	351	8.2	NM
26.94	19	487	0.35	98	303	5.3	NM
38.81	19	491	NM	NM	NM	8.56	NM
38.42	20	460	4.42	58	263	9.92	NM

38.48	22	459	6.80	-136	69	9.58	NM
39.72	21	475	5.48	-82	123	9.42	NM
38.73	23	467	5.11	-72	133	9.8	NM
38.94	18	487	5.33	-51	154	8.57	NM
40.00	15	468	6.36	140	345	7.91	NM
39.74	18	475	5.90	115	320	5.24	NM
39.31	19	482	6.79	10	215	6.79	NM
39.73	18	488	5.00	182	387	9.8	NM
39.10	18	506	6.80	253	458	6.6	NM
38.54	18	496	5.37	179	384	4.4	NM
39.38	17	505	6.79	345	550	7.45	NM
30.05	16	574	3.10	341	546	7.86	NM
38.45	18	531	3.10	129	334	11	NM
39.38	18	529	4.70	157	362	9.81	0
39.50	18	532	4.20	149	354	13	NM
39.18	17	535	3.67	125	330	9.5	NM
38.65	15	528	3.49	170	375	8.46	0
36.66	17	535	5.11	125	330	8.12	NM
36.60	17	512	5.11	82	287	9.78	0
36.78	17	505	5.88	68	273	8.68	NM
37.31	17	535	3.50	318	523	6.11	NM
37.36	17	510	3.71	131	336	9.85	0
37.31	16	488	4.39	90	295	8.73	NM
37.68	18	523	4.23	-22	183	4.49	NM
38.24	20	499	5.90	7	212	8.66	<0.5
38.24	20	499	5.90	7	212	8.66	NM
37.78	20	509	5.30	74	279	3.41	NM
37.78	20	509	5.30	74	279	3.41	NM
38.91	15	523	4.36	146	351	9.28	NM
38.91	15	523	4.36	146	351	9.28	NM
39.43	12	532	5.47	86	291	8.35	NM
39.24	18	551	3.66	123	328	5.74	NM
39.24	18	551	3.66	123	328	5.74	NM
38.51	18	564	4.13	322	527	1.0	NM
38.51	18	564	4.13	322	527	1.0	NM
37.74	14	565	4.34	517	722	1.3	NM
37.74	14	566	4.34	517	722	1.3	NM
35.52	19	555	4.47	88	293	1.4	NM
35.52	19	555	4.47	88	293	1.4	NM
36.00	18	534	6.52	128	333	5.5	NM
37.52	17	547	5.68	192	397	3.2	NM
37.62	13	537	6.09	252	457	4.2	NM
39.69	18	562	0.50	-63	142	8.4	NM
39.84	19	531	0.40	-70	135	5.6	NM
40.52	19	490	0.90	93	298	2.3	0.5

40.51	15	496	0.25	9	214	5.83	0
39.96	14	469	0.35	66	271	7.91	0
38.06	17	473	0.17	9	214	9.86	NM
38.00	19	466	0.24	8	213	9.78	0.25
38.32	18	476	0.28	-30	175	8.68	NM
38.67	16	474	0.44	72	277	9.51	0
39.16	17	509	0.28	-36	169	4.77	0
39.61	19	479	0.41	-8	197	9.71	0
39.15	21	484	0.40	66	271	3.63	NM
40.27	14	476	0.28	78	283	8.54	NM
41.75	9	500	0.43	15	220	9.94	NM
40.22	16	490	0.46	5	210	7.74	NM
40.05	20	512	0.27	-392	-187	0.4	NM
38.69	14	493	0.69	-19	186	9.6	NM
36.75	17	485	0.35	2	207	0.8	NM
38.79	19	513	0.50	91	296	1.1	NM
37.65	23	2056	0.42	-148	57	23.1	NM
90.00	15	794	2.83	-18	187	43	0
37.73	16	1385	1.05	-10	195	4.56	NM
37.60	19	2460	0.40	-38	167	9.88	0
36.71	18	1421	0.11	5	210	8.9	NM
38.22	15	1131	0.06	-152	53	9.79	NM
39.34	15	1117	0.07	155	360	9.84	NM
37.55	16	1030	0.06	-130	75	32.3	NM
37.66	18	1009	0.62	-96	109	9.5	NM
36.75	15	890	0.20	-159	46	9.9	NM
34.36	17	766	0.46	-46	159	7.9	NM
38.52	16	778	0.36	81	286	6.3	NM
37.74	16	531	4.82	87	292	256	NM
36.89	18	510	7.20	130	335	18	0
38.40	11	496	4.75	-25	180	9.24	0
51.72	20	513	0.83	176	381	6.8	NM
50.68	16	535	0.54	-71	134	9.6	NM
51.14	14	566	0.70	-131	74	6.51	NM
49.32	16	574	0.62	42	247	7.2	NM
48.91	18	546	1.31	-107	98	6.6	NM
47.63	14	438	0.89	-114	91	2.8	NM
44.34	18	532	0.61	95	300	2.1	NM
49.09	19	452	1.38	76	281	1.8	NM
17.58	19	770	1.27	41	246	9.8	NM
17.50	21	809	0.19	118	323	1.8	NM
21.03	21	797	0.27	-103	102	2.7	NM
21.55	17	789	0.34	-57	148	6.2	NM
20.52	18	782	0.16	-114	91	1.0	NM
21.08	9	758	2.81 S	-138	67	4.2	NM

18.34	20	794	0.22	-112	93	2.7	NM
19.60	22	856	0.32	-105	100	3.4	NM
21.36	22	801	0.29	-75	130	3.7	NM
23.89	18	796	0.40	-96	109	7.1	NM
19.69	19	814	0.78	-66	139	3.2	NM
18.48	22	828	0.30	71	276	2.6	NM
15.62	17	780	0.31	185	390	0.6	NM
21.03	27	808	0.53	136	341	2.2	NM
15.92	24	804	0.01	-219	-14	12.6	NM
16.36	23	959	0.36	186	391	8.6	NM
19.70	23	895	0.25	-56	149	6.5	NM
20.80	18	765	0.30	56	261	4.2	NM
19.69	18	731	0.24	-49	156	5.3	NM
20.87	14	747	1.92 S	-90	115	4.9	NM
17.34	20	829	1.38	-30	175	2.5	NM
18.43	23	907	0.31	-29	176	2.8	NM
20.32	21	820	0.36	52	257	3.5	NM
22.88	18	746	0.35	8	213	1.5	NM
18.27	20	784	0.78	90	295	1.2	NM
17.10	22	809	0.30	268	473	5.6	NM
14.25	17	777	0.30	164	369	0.9	NM
19.82	21	750	0.25	255	460	2.5	NM
10.23	19	676	0.22	-81	124	7.8	NM
9.71	23	634	0.30	-169	36	5.9	NM
11.95	22	664	0.35	-175	31	2.6	NM
12.35	17	683	0.14	-189	16	9.4	NM
12.20	18	702	0.22	-141	64	1.4	NM
13.46	11	678	6.31 S	-101	104	1.0	NM
10.65	24	705	0.31	-105	100	2.4	NM
10.98	24	757	0.38	-138	67	4.2	NM
11.62	24	717	0.27	-101	104	4.3	NM
14.39	18	695	0.35	-131	74	2.3	NM
11.22	21	72	0.30	-133	72	2.1	NM
9.85	25	770	0.28	81	286	2.1	NM
9.39	11	701	0.44	-70	135	1.0	NM
11.66	24	719	0.22	158	363	0.7	NM
8.60	18	622	0.17	-93	112	9.3	NM
7.33	22	658	0.17	-107	98	7.4	NM
8.22	23	709	0.29	-116	89	6.5	NM
8.32	18	720	0.20	-145	60	3.2	NM
9.38	17	737	0.07	-97	108	2.3	NM
9.99	11	707	0.44 S	-90	115	1.3	NM
8.86	21	715	0.21	-113	92	3.5	NM
7.62	23	772	0.34	-137	68	4.7	NM
8.50	25	718	0.23	-105	100	1.4	NM

10.83	19	703	0.30	-131	74	2.5	NM
8.29	20	708	0.33	-76	129	1.8	NM
7.02	22	718	0.17	90	295	2.0	NM
7.01	13	654	1.02	-89	116	7.1	NM
8.40	24	706	0.38	92	297	3.8	NM
24.81	18	1184	3.25	73	278	4.8	NM
24.45	21	1199	0.44	162	367	1.3	NM
25.53	19	1162	0.32	48	254	1.7	NM
25.74	16	1141	0.34	140	345	1.5	NM
25.68	15	1157	0.41	154	359	0.7	NM
25.10	11	1118	0.61	-14	191	0.3	NM
24.72	20	1142	0.34	31	236	0.2	NM
23.11	21	1179	0.40	23	228	0.6	NM
23.12	18	1119	0.37	95	300	1.0	NM
25.71	18	1133	0.40	54	259	0.4	NM
25.20	19	1171	0.66	66	271	0.5	NM
25.27	21	1145	0.93	285	490	1.9	NM
24.16	13	1112	0.34	83	288	0.1	NM
25.56	21	1174	1.10	180	385	7.6	NM
25.58	20	1126	0.29	281	486	0.1	NM
7.04	19	1761	0.74	77	282	9.9	NM
7.05	20	1618	0.16	-24	181	9.8	NM
7.87	19	1528	0.24	-72	133	7.9	NM
7.91	18	1528	0.27	2	207	2.7	NM
7.56	17	1580	0.21	19	224	1.5	NM
7.28	9	1444	2.03	-35	170	0.6	NM
6.99	20	1470	0.37	20	225	0.7	NM
5.94	20	1581	0.34	-32	173	0.6	NM
5.39	20	1509	0.38	10	215	0.6	NM
6.97	15	1512	2.94	-1	204	0.2	NM
7.57	19	1550	1.50	55	260	0.9	NM
7.63	21	1600	0.43	238	443	0.9	NM
7.10	14	1532	1.25	53	258	0.1	NM
7.80	22	1535	0.38	242	447	1.6	NM
22.47	18	2300	3.16	98	303	9.5	NM
22.28	20	2280	0.32	312	517	4.3	NM
24.70	19	2262	0.51	-3	202	8.4	NM
24.23	17	2183	0.74	75	280	58.0	NM
23.91	17	2279	0.21	70	275	122.0	NM
24.26	12	2304	0.70	-46	159	9.5	NM
22.23	18	2212	0.40	9	214	8.3	NM
23.00	24	2380	0.40	38	243	9.6	NM
24.45	22	2248	0.49	81	286	8.0	NM
25.66	18	2195	0.62	83	288	5.68	NM
25.66	18	2195	0.62	83	288	5.7	NM

23.36	19	2225	0.31	52	257	1.3	NM
21.66	20	2241	0.67	294	499	22.4	NM
19.46	6	2253	1.96	-26	179	3.3	NM
25.01	24	2268	0.37	264	469	2.9	NM
12.77	16	1025	4.71	104	309	8.4	NM
12.76	19	995	3.16	299	504	6.2	NM
15.76	18	854	2.55	18	223	7.3	NM
15.38	17	822	2.89	126	331	2.6	NM
13.36	16	980	2.97	-27	178	2.0	NM
14.42	11	958	3.62	-7	198	1.2	NM
12.62	17	1043	3.93	31	236	1.3	NM
13.81	21	956	6.94	10	215	5.0	NM
15.69	18	778	3.03	48	253	1.5	NM
16.65	17	754	3.66	41	246	0.6	NM
14.59	18	1027	3.59	54	259	0.2	NM
13.86	23	939	3.40	354	559	0.6	NM
11.08	13	942	3.24	-20	185	0.3	NM
14.61	18	594	2.67	130	335	0.8	NM
14.27	17	1259	2.99	108	313	9.9	NM
13.07	20	1235	0.29	283	488	6.0	NM
14.91	19	1233	0.38	0	205	6.9	NM
18.35	18	1202	0.36	129	334	6.3	NM
15.59	16	1250	0.22	-38	167	0.4	NM
15.32	10	1241	0.44	8	213	1.2	NM
14.60	19	1209	0.43	42	247	0.4	NM
13.61	24	1234	0.35	64	269	0.3	NM
15.67	20	1199	0.78	115	320	0.5	NM
18.30	19	1260	0.31	74	279	1.4	NM
15.90	19	1296	0.34	31	236	0.2	NM
15.08	20	1356	0.56	278	483	1.1	NM
11.50	12	1315	0.44	215	420	0.2	NM
13.56	20	966	0.37	117	322	0.6	NM
15.55	17	577	1.27	88	293	7.7	NM
15.55	19	581	1.08	158	363	4.3	NM
16.79	18	630	1.05	7	212	2.3	NM
16.99	17	697	0.89	147	352	2.0	NM
16.59	17	828	0.60	-37	168	1.3	NM
17.01	15	759	1.26	1	206	2.5	NM
16.07	17	768	0.98	43	248	3.5	NM
14.44	19	268	2.11	42	247	0.6	NM
16.29	18	603	1.47	89	294	4.8	NM
18.34	17	837	0.58	87	292	4.5	NM
15.99	17	708	2.02	79	284	0.3	NM
16.51	19	853	2.88	126	331	0.9	NM
15.86	19	881	0.63	307	512	1.2	NM

11.62	15	636	3.43	35	240	2.7	NM
14.20	17	152	1.00	156	361	1.2	NM
30.77	17	1938	1.74	99	304	3.0	NM
30.50	17	2065	0.75	128	333	3.5	NM
31.08	17	2112	0.59	-10	195	2.7	NM
31.84	16	2025	1.30	93	298	1.6	NM
33.04	15	2001	2.51	-17	188	1.0	NM
32.60	14	1994	1.34	-5	200	1.5	NM
33.10	17	2097	1.03	41	246	0.4	NM
31.46	19	2252	0.87	99	304	0.3	NM
32.34	17	2091	1.26	149	354	1.1	NM
35.07	16	1963	1.39	123	328	1.3	NM
33.02	17	2248	0.86	79	284	2.0	NM
31.10	19	2227	1.28	128	333	0.2	NM
30.78	18	2412	1.00	316	521	0.8	NM
28.65	15	2230	1.02	219	424	0.5	NM
30.19	17	1292	0.94	163	368	2.4	NM
25.92	17	1648	2.53	149	354	8.6	NM
26.16	20	1378	0.31	24	229	7.4	NM
26.88	19	1265	0.45	-29	176	7.6	NM
27.10	16	1296	0.38	6	211	6.7	NM
27.55	16	1253	0.36	-31	174	2.3	NM
27.54	8	1353	0.44	-2	203	0.4	NM
27.40	19	1369	0.25	39	244	1.4	NM
27.52	29	1402	3.83	35	240	1.2	NM
27.87	18	1402	0.35	46	251	0.6	NM
28.81	13	1404	0.43	36	241	1.9	NM
28.11	18	1514	0.29	28	233	1.1	NM
28.05	20	1577	0.45	238	443	0.7	NM
25.19	14	1649	0.34	193	398	0.4	NM
25.85	17	1029	0.37	31	236	0.2	NM
20.02	15	2475	0.99	155	360	0.7	NM
20.65	16	2412	0.90	295	500	4.9	NM
21.90	18	2451	3.42	18	223	4.1	NM
NM	16	2378	6.09	122	327	5.6	NM
21.75	15	2221	2.94	-16	189	4.5	NM
NM	14	2335	6.94	7	212	2.9	NM
20.23	15	2154	2.02	52	257	3.8	NM
21.37	18	2283	3.53	110	315	7.8	NM
NM	17	2297	6.03	210	415	2.2	NM
Below Pump	14	1470	7.19	149	354	2.4	NM
21.08	15	2185	2.95	109	314	8.8	NM
20.60	18	2344	1.62	362	567	2.8	NM
19.28	14	1795	1.96	186	391	7.1	NM
20.13	16	2354	0.53	239	444	9.8	NM

20.71	16	1210	0.65	399	604	1.5	NM
10.75	15	1905	0.50	116	321	6.3	NM
11.04	17	1884	0.23	125	330	2.2	NM
12.00	17	1802	0.43	9	214	3.1	NM
12.08	16	1695	0.36	39	244	1.0	NM
12.24	16	1583	0.49	-24	181	0.4	NM
11.66	15	1638	1.76	-13	192	0.4	NM
11.72	16	1649	0.82	44	249	0.4	NM
11.68	20	1758	3.17	102	307	1.7	NM
12.38	17	1783	0.96	153	358	1.0	NM
13.05	16	1654	0.43	95	300	0.6	NM
11.64	15	1759	0.96	59	264	0.7	NM
11.11	17	2060	0.78	295	500	0.6	NM
9.04	15	2065	1.57	110	315	0.3	NM
9.59	16	2156	1.01	225	430	1.6	NM
11.00	15	1225	0.59	126	331	0.7	NM
15.56	16	224	3.50	127	332	8.5	NM
16.13	22	310	3.13	109	314	4.3	NM
18.48	19	318	1.72	179	384	2.6	NM
18.82	15	326	0.70	83	288	9.3	NM
18.89	12	318	0.31	-45	160	1.3	NM
18.17	11	304	0.3 S	-4	201	2.6	NM
17.06	15	295	0.35	-7	198	4.3	NM
17.09	21	298	0.30	31	236	0.9	NM
19.23	18	294	0.25	107	312	1.4	NM
21.33	16	325	0.32	144	349	1.3	NM
18.75	18	303	0.27	82	287	2.9	NM
17.24	19	288	0.26	123	328	0.8	NM
13.55	12	271	0.56	127	332	0.3	NM
15.80	23	290	0.39	103	308	2.2	NM
15.93	19	275	0.92	159	364	1.3	NM
24.85	19	786	0.22	196	401	8.5	NM
24.26	18	761	4.21	-62	143	1.6	NM
22.88	14	775	0.26	37	242	9.5	NM
23.76	15	763	1.14	219	424	4.4	NM
23.76	15	763	1.14	219	424	4.4	NM
23.74	18	824	0.26	84	289	5.1	NM
24.95	18	825	0.56	145	350	2.9	NM
25.76	17	818	0.53	184	389	4.0	NM
23.41	20	653	1.03	179	384	9.8	NM
23.15	20	656	1.04	69	274	9.5	NM
21.25	12	636	1.24	143	348	6.6	NM
22.11	13	656	1.02	219	424	5.1	NM
22.11	13	656	1.02	219	424	5.1	NM
22.15	17	722	1.14	109	314	8.9	NM

23.66	19	690	0.97	142	347	1.3	NM
24.56	17	695	0.79	230	435	1.7	NM
32.31	15	658	2.20	58	263	7.4	NM
32.18	19	677	0.52	-45	160	8.5	NM
32.65	18	648	0.96	62	267	7.7	NM
32.79	16	650	2.11	79	284	3.6	NM
32.47	15	626	1.66	-33	172	3.3	NM
32.79	14	610	3.7 S	-79	126	3.3	NM
32.31	16	637	1.87	-6	199	1.1	NM
32.55	18	682	2.00	98	303	3.0	NM
32.61	17	652	1.60	177	382	1.2	NM
32.72	15	649	1.92	82	287	2.1	NM
32.40	17	652	2.58	148	353	2.0	NM
32.15	18	656	1.81	204	409	1.0	NM
31.57	15	643	1.98	226	431	1.0	NM
32.51	17	655	1.78	188	393	1.7	NM
35.10	16	5422	0.46	108	313	8.8	NM
35.13	21	5278	0.36	72	277	8.4	NM
35.39	19	5096	0.41	101	306	8.3	NM
35.39	17	5327	0.85	88	293	3.2	NM
35.27	16	5180	0.93	-33	172	1.0	NM
35.44	15	5151	7.64 S	-68	137	5.9	NM
35.31	17	5283	0.28	2	207	0.4	NM
34.57	20	5614	2.01	115	320	0.5	NM
35.32	17	5523	0.36	165	370	0.6	NM
35.24	15	5426	0.96	150	355	4.3	NM
35.38	18	5405	1.13	165	370	1.6	NM
35.18	19	5277	0.53	214	419	5.1	NM
34.75	16	5171	1.42	265	470	1.1	NM
25.28	17	5050	0.73	252	457	2.2	NM
30.23	17	2914	0.50	71	276	6.0	NM
30.12	24	3077	0.87	364	569	2.2	NM
31.01	19	2902	0.39	164	369	9.5	NM
31.10	17	2992	0.37	123	328	4.3	NM
30.71	16	2885	0.33	-28	177	0.6	NM
31.33	15	3004	0.46	106	311	0.8	NM
30.51	19	2967	0.40	-5	200	0.6	NM
30.86	21	3208	0.47	98	303	1.3	NM
31.24	17	3056	0.38	216	421	1.7	NM
31.45	14	3018	0.32	154	359	0.7	NM
30.90	18	3081	0.48	163	368	2.1	NM
30.11	19	3035	0.27	125	330	0.8	NM
30.17	19	3042	1.26	94	299	2.6	NM
28.84	15	3002	0.42	254	459	0.4	NM
30.85	17	2899	0.40	231	436	1.4	NM

23.39	17	3147	0.30	80	285	2.9	NM
23.14	19	3175	0.16	176	381	0.6	NM
24.15	19	3087	0.25	180	385	1.8	NM
24.30	16	3202	1.12	134	339	7.8	NM
24.27	16	3136	0.54	-19	186	1.1	NM
24.83	14	3222	0.66	95	300	0.7	NM
23.94	17	3200	0.53	-2	203	0.9	NM
24.10	21	3404	1.48	99	304	5.1	NM
24.70	17	3272	0.78	186	391	1.6	NM
25.07	15	3289	0.28	160	365	0.3	NM
24.30	18	3349	1.12	174	379	1.0	NM
23.45	19	3259	0.31	129	334	0.5	NM
23.34	17	3232	3.68	151	356	2.8	NM
21.75	15	3111	0.60	253	458	0.3	NM
24.43	17	3052	0.36	231	436	6.0	NM
4.35	18	1281	0.23	-64	141	4.2	NM
4.32	22	1315	0.21 S	-75	130	7.6	NM
5.00	22	1292	0.24	-18	187	9.7	NM
4.67	19	1296	0.18	-56	149	9.7	NM
4.39	18	1311	0.09	-3	202	8.1	NM
4.73	14	1219	0.36	19	224	7.3	NM
4.18	19	1313	0.60	17	222	9.3	NM
4.73	22	1322	0.29	-14	191	8.4	NM
5.20	21	1263	0.22	40	245	4.8	NM
5.43	16	1292	0.18	7	212	8.2	NM
4.65	21	1334	0.68	12	217	5.2	NM
4.00	23	1291	0.76	58	263	0.7	NM
4.57	21	1290	0.15	97	302	3.6	NM
3.85	14	1258	0.48	214	419	4.2	NM
4.75	21	1326	0.25	233	438	5.9	NM
5.45	17	995	0.33	0	205	10.0	NM
5.27	22	988	0.22 S	-18	187	4.6	NM
5.87	23	987	0.23	32	237	2.7	NM
5.55	19	1040	0.34	-38	167	67.5	NM
5.34	17	1056	0.23	24	229	256.0	NM
5.53	15	1113	0.70	13	218	38.8	NM
5.25	19	1057	2.01	15	220	136.0	NM
5.78	22	1070	0.30	-33	172	70.6	NM
6.10	20	1141	2.09	43	248	88.4	NM
6.32	4	1096	5.02	92	297	39.9	NM
5.48	19	1165	3.43	110	315	199.0	NM
5.32	23	1190	0.23	15	220	2.8	NM
5.36	23	1190	0.61	171	376	6.0	NM
4.82	9	1140	0.75	127	332	9.9	NM
5.57	22	1230	1.19	212	417	7.3	NM

6.96	17	1351	2.08	108	313	6.0	NM
6.91	22	1208	0.14 S	45	250	1.2	NM
7.54	22	1182	0.34	31	236	3.9	NM
7.22	20	1210	0.70	20	225	3.7	NM
6.92	17	1216	0.40	175	380	2.3	NM
7.37	13	1206	0.88	65	270	7.1	NM
6.72	18	1243	1.44	52	257	3.4	NM
7.31	23	1153	0.49	38	243	4.0	NM
7.62	21	1174	0.23	46	251	8.1	NM
7.89	17	1195	1.12	101	306	6.8	NM
7.14	19	1274	0.63	5	210	5.6	NM
7.35	21	1197	0.11	142	347	6.7	NM
6.85	14	1155	2.07	227	432	8.3	NM
7.60	22	1205	0.37	168	373	3.6	NM
14.00	16	2105	0.40	63	268	9.0	NM
14.21	20	2511	0.2 S	42	247	2.0	NM
15.38	19	2592	0.33	87	292	7.6	NM
15.00	16	2751	0.55	19	224	6.9	NM
14.69	17	2886	0.22	-42	163	0.8	NM
15.10	14	2761	5.58	28	233	2.9	NM
14.14	17	3216	2.80	53	258	1.7	NM
14.88	19	3296	0.64	31	236	1.3	NM
15.67	17	3431	0.47	64	269	1.0	NM
15.76	16	3607	0.42	60	265	0.5	NM
14.63	17	3840	0.85	110	315	0.5	NM
14.40	18	3989	0.37	131	336	1.6	NM
12.59	16	4155	0.27	230	435	0.2	NM
14.76	17	4497	0.61	164	369	1.4	NM
41.95	19	2582	0.28	99	304	9.4	NM
42.19	18	2821	0.22	124	329	9.4	NM
42.65	20	2495	0.25	93	298	9.7	NM
42.96	18	2436	0.79 S	468	673	3.9	NM
42.70	17	2498	0.28	-40	165	0.6	NM
43.18	14	2485	0.93	121	326	1.2	NM
42.42	18	2853	2.69	139	344	1.8	NM
42.64	22	3061	0.36	107	312	2.6	NM
43.12	18	2808	0.43	90	295	0.7	NM
42.48	15	2680	0.43	112	317	0.4	NM
42.73	18	3539	0.70	237	442	2.1	NM
42.06	20	3736	0.48	146	351	2.4	NM
40.69	16	4132	1.04	220	425	3.6	NM
42.70	20	2584	0.45	-109	96	2.0	NM
16.84	17	3761	0.30	35	240	9.3	NM
16.77	25	3841	0.39	2	207	9.5	NM
17.07	23	3764	0.31	19	224	9.2	NM

17.10	19	3918	0.8 S	-24	181	9.5	NM
17.12	17	4090	0.29	-57	148	5.5	NM
17.59	15	4075	0.55	36	241	9.1	NM
17.15	19	4439	1.44	5	210	6.4	NM
17.22	24	4717	1.36	44	249	3.2	NM
17.34	19	4599	0.30	77	282	5.9	NM
17.21	16	4802	0.26	81	286	7.3	NM
17.05	20	5074	0.53	128	333	10.8	NM
16.39	20	5048	0.21	149	354	8.7	NM
15.77	17	5144	0.43	219	424	7.9	NM
17.32	20	2861	0.32	-143	62	4.4	NM
18.74	16	6032	2.87	101	306	8.0	NM
18.62	23	5194	0.34	32	237	8.5	NM
18.95	23	4526	0.26	65	270	5.3	NM
18.92	19	4307	1.36 S	54	259	9.7	NM
19.10	18	3778	0.67	-39	166	1.7	NM
19.42	13	3694	1.11	93	298	1.8	NM
18.86	19	3495	2.22	45	250	6.9	NM
18.96	24	3428	0.93	63	268	5.0	NM
18.91	19	3170	0.70	115	320	2.0	NM
19.30	15	2842	2.19	127	332	0.5	NM
18.77	19	2590	1.75	302	507	1.6	NM
18.28	21	2235	0.54	133	338	3.9	NM
17.57	17	2016	0.73	194	399	0.5	NM
19.01	21	1542	0.63	-108	97	1.0	NM
24.85	16	5638	3.05	107	312	9.7	NM
24.60	21	4287	0.47	59	264	5.5	NM
24.71	19	3531	0.42	14	219	8.7	NM
25.21	17	6693	0.18	160	365	8.4	NM
25.07	18	6864	0.16	-42	163	5.7	NM
25.29	14	6993	0.44	26	231	8.9	NM
25.03	18	6700	0.45	21	226	1.8	NM
25.06	21	6687	0.32	27	232	1.5	NM
25.15	18	6131	0.28	48	253	2.2	NM
24.95	13	5262	0.38	2	207	1.0	NM
25.22	19	6362	0.41	52	257	0.7	NM
24.76	19	5174	0.23	169	374	5.4	NM
24.34	16	6832	0.30	216	421	1.6	NM
25.18	20	5549	0.31	-174	31	1.6	NM
22.68	17	7159	4.78	134	339	2.3	NM
22.55	22	2101	1.70	330	535	2.9	NM
22.90	21	2523	0.35	86	291	4.9	NM
23.17	18	2377	0.66	116	321	6.7	NM
23.10	19	2633	0.38	-49	156	0.8	NM
23.78	11	2825	0.74	21	226	3.7	NM

23.00	17	2961	0.60	3	208	1.6	NM
23.08	23	3401	0.36	27	232	0.4	NM
24.13	19	3203	0.27	55	260	1.3	NM
23.26	11	7911	0.69	24	229	2.9	NM
23.05	21	3643	0.55	11	216	0.8	NM
22.62	22	2922	0.32	272	477	1.1	NM
22.04	16	1631	0.86	208	413	0.2	NM
23.21	21	1957	0.27	-146	59	0.4	NM
23.00	17	10322	0.50	139	344	9.7	NM
22.90	19	10313	0.24	61	266	8.3	NM
23.13	19	9989	0.23	61	266	7.1	NM
23.37	17	9180	0.22	192	397	9.9	NM
23.30	17	9741	0.13	170	375	5.1	NM
23.65	15	12440	0.29	98	303	9.2	NM
23.24	16	10242	0.89	129	334	6.1	NM
23.27	19	10329	0.32	120	325	4.1	NM
23.35	18	9976	0.29	163	368	5.2	NM
23.30	15	9848	0.14	114	319	2.1	NM
23.21	18	9756	0.35	198	403	1.8	NM
22.40	20	9437	2.00	137	342	0.2	NM
22.50	19	9812	0.19	330	535	3.9	NM
22.08	17	8845	0.21	211	416	1.4	NM
23.42	18	3213	0.27	-196	9	0.5	NM
22.41	17	6506	2.30	151	356	6.4	NM
22.30	23	6187	0.57	164	369	4.0	NM
22.59	21	6005	0.31	107	312	9.5	NM
22.70	17	5873	0.71	189	394	7.1	NM
22.67	18	6009	1.59	150	355	2.4	NM
23.05	13	7590	2.60	114	319	7.7	NM
22.61	16	5874	2.20	100	305	2.6	NM
22.66	20	6106	1.86	95	300	2.9	NM
23.73	19	4632	0.87	138	343	2.1	NM
22.78	15	5623	1.13	105	310	1.3	NM
22.58	21	5670	1.77	188	393	1.3	NM
22.21	21	5542	1.72	302	507	2.8	NM
21.54	16	5089	0.70	219	424	0.4	NM
22.98	20	2573	0.46	-221	-16	4.0	NM
15.49	16	1012	0.41	51	256	8.7	NM
15.99	21	998	0.26	-33	172	8.2	NM
15.09	20	1008	0.29	24	229	8.6	NM
15.50	17	993	0.28	71	276	8.6	NM
14.99	17	1049	0.15	29	234	1.7	NM
15.49	13	1136	0.40	35	240	94.3	NM
14.74	19	1089	0.69	8	213	6.2	NM
15.02	19	1190	1.72	-17	188	9.2	NM

15.30	18	1089	0.17	3	208	1.6	NM
14.28	13	1143	0.20	-7	198	3.8	NM
15.14	19	1259	0.39	54	259	2.5	NM
14.43	20	1231	0.27	149	354	9.9	NM
14.59	16	1301	0.29	109	314	7.1	NM
17.04	18	1558	0.28	-134	71	0.8	NM
15.86	16	1233	5.72	117	322	2.4	NM
16.29	23	1217	1.80	-2	203	0.8	NM
15.53	22	1236	0.48	91	296	6.1	NM
18.35	18	1240	1.40	109	314	5.5	NM
15.60	18	1313	3.14	121	326	0.6	NM
16.43	10	1402	2.55	145	350	1.3	NM
15.70	21	1359	3.67	120	325	0.4	NM
15.80	20	1463	0.76	94	299	0.5	NM
16.29	20	1375	0.45	118	323	0.4	NM
15.41	13	1428	1.93	99	304	0.3	NM
15.88	21	1524	2.41	147	352	0.6	NM
15.45	20	1483	0.53	153	358	1.2	NM
15.40	16	1481	2.51	168	373	0.7	NM
17.80	21	1555	0.66	-91	114	0.1	NM
22.24	16	894	0.62	31	236	9.2	NM
22.40	22	835	0.30	-58	147	9.9	NM
21.73	21	849	0.65	-30	175	9.9	NM
22.36	18	810	0.16	67	272	9.8	NM
21.87	16	854	0.29	101	306	8.1	NM
22.29	13	1117 S	0.44	119	324	68.5	NM
21.97	20	841	0.57	112	317	8.8	NM
21.91	20	878	0.71	93	298	4.8	NM
22.38	18	816	0.25	60	265	7.4	NM
21.54	14	842	0.30	48	253	9.0	NM
22.25	21	847	0.44	110	315	3.4	NM
21.90	22	885	0.50	309	514	9.7	NM
21.86	16	831	0.38	161	366	6.2	NM
23.11	22	840	0.16	270	475	9.6	NM
21.64	15	729	1.80	58	263	3.2	NM
21.95	21	752	0.20	-54	152	7.0	NM
21.20	23	742	0.28	-49	156	9.2	NM
NM	20	720	0.80	6	211	4.6	NM
NM	17	701	1.20	-10	195	5.9	NM
NM	9	874 S	1.28	7	212	1.7	NM
NM	20	682	2.93	-44	161	6.2	NM
NM	23	777	1.71	-61	144	3.1	NM
NM	20	742	0.54	-62	143	5.9	NM
21.00	12	641	1.84	-336	-131	4.6	NM
Below Top of Pump	20	695	4.18	-20	185	2.3	NM

21.45	26	695	3.25	158	363	3.6	NM
21.65	12	615	2.02	25	230	9.6	NM
Below Pump	29	609	1.80	225	430	2.0	NM
19.66	17	653	0.47	106	311	5.7	NM
19.75	23	637	0.25	-46	159	3.7	NM
18.83	21	671	0.32	-19	186	3.5	NM
19.31	18	670	0.48	151	356	3.7	NM
18.80	16	709	0.29	164	369	0.5	NM
19.18	10	942 S	0.75	123	328	2.5	NM
18.28	21	676	0.55	125	330	0.7	NM
18.19	21	631	0.49	82	287	0.7	NM
18.50	20	663	0.45	147	352	0.4	NM
17.22	14	707	0.60	131	336	0.6	NM
17.58	21	639	0.38	84	289	0.5	NM
16.80	23	632	0.30	341	546	1.3	NM
15.95	16	547	0.31	205	410	0.5	NM
19.25	18	537	0.08	262	467	1.2	NM
15.98	17	753	0.37	13	218	8.6	NM
16.33	18	753	0.15	-50	155	2.1	NM
14.88	19	780	0.17	-36	169	4.1	NM
15.95	17	784	0.11	54	259	9.4	NM
14.80	17	828	0.13	-3	202	2.3	NM
16.10	15	1183 S	0.22	30	235	9.7	NM
15.18	18	813	0.20	3	208	8.8	NM
15.33	18	800	0.20	-51	154	8.9	NM
15.52	18	843	0.11	-25	180	4.8	NM
14.45	17	919	0.12	-23	183	1.0	NM
15.47	18	838	0.19	-41	164	8.5	NM
14.45	19	852	0.08	190	395	10.0	NM
13.65	17	725	0.16	109	314	9.9	NM
17.61	20	717	0.06	229	434	5.5	NM
15.67	17	475	3.79	162	367	6.6	NM
16.06	23	494	1.17	6	211	5.0	NM
14.68	21	522	0.68	10	215	6.6	NM
15.78	18	494	0.53	180	385	9.2	NM
14.15	16	483	1.27	212	417	1.4	NM
15.50	10	748 S	1.68	174	379	3.9	NM
14.43	20	453	1.47	172	377	0.7	NM
14.98	21	441	0.43	102	307	0.8	NM
15.56	20	455	2.41	155	360	3.3	NM
13.78	13	477	1.53	137	342	0.8	NM
14.98	18	388	1.54	115	320	0.2	NM
14.45	20	440	0.92	341	546	2.2	NM
14.26	15	422	1.43	228	433	2.1	NM
18.57	21	430	0.60	273	478	7.2	NM

36.72	16	1344	0.83	88	293	10.0	NM
36.08	18	1367	0.29	310	515	9.6	NM
36.55	18	1391	0.49	42	247	9.9	NM
36.88	16	1275	0.25	183	388	8.0	NM
37.41	15	1382	0.28	143	348	3.5	NM
37.40	8	2059 S	0.74	149	354	9.7	NM
36.51	19	1404	0.89	96	301	4.4	NM
36.31	20	1310	0.36	55	260	1.7	NM
37.05	18	1379	0.85	138	343	4.0	NM
39.29	14	1462	0.51	124	329	2.0	NM
35.55	19	1445	0.41	87	292	1.5	NM
35.70	20	1424	0.28	320	525	3.3	NM
33.39	15	1342	0.46	222	427	2.0	NM
36.94	19	1409	0.22	261	466	5.4	NM
40.11	16	716	4.95	122	327	10.0	NM
39.74	21	740	0.95	139	344	9.1	NM
40.36	21	758	0.32	-32	173	3.2	NM
40.95	16	736	0.57	110	315	3.1	NM
41.14	15	765	1.21	105	310	0.3	NM
41.09	12	732	1.89	106	311	1.2	NM
39.68	19	757	1.10	81	286	0.9	NM
40.26	22	730	0.49	15	220	0.4	NM
41.37	19	744	1.41	101	306	0.8	NM
42.57	11	759	0.60	125	330	0.6	NM
39.33	24	752	0.65	23	228	0.2	NM
39.29	21	744	1.22	292	497	1.3	NM
37.37	13	697	0.71	215	420	1.7	NM
40.87	18	682	2.81	253	458	2.0	NM
47.91	17	692	5.18	89	294	7.0	NM
47.98	20	666	3.18	132	337	5.3	NM
47.85	18	675	3.20	-12	193	3.1	NM
48.34	15	660	3.74	171	376	1.6	NM
48.19	15	691	3.25	156	361	0.7	NM
48.48	14	663	2.97	103	308	1.0	NM
48.35	17	699	3.65	105	310	0.4	NM
48.40	18	666	3.42	63	268	0.7	NM
48.73	17	673	3.05	127	332	7.4	NM
49.06	14	675	2.37	119	324	0.6	NM
48.37	19	719	2.09	77	282	0.1	NM
48.06	18	732	4.11	297	502	1.6	NM
47.90	14	657	3.47	223	428	0.9	NM
49.09	18	683	3.50	257	462	0.3	NM
35.02	17	792	6.66	48	253	9.9	NM
34.60	20	682	4.96	165	370	9.0	NM
35.10	18	666	4.44	-8	197	6.0	NM

35.66	15	640	5.00	160	365	8.7	NM
36.55	15	670	4.90	169	374	1.3	NM
NM	14	633	5.31	70	275	0.9	NM
NM	19	675	5.25	52	257	0.4	NM
36.61	17	642	4.93	63	268	2.3	NM
NM	16	667	5.01	126	331	4.5	NM
Below Pump	14	708	4.11 S	118	323	0.8	NM
Below Top of Pump	21	723	4.73	95	300	1.7	NM
36.42	18	747	5.91	301	506	2.2	NM
33.04	15	762	5.79	236	441	0.4	NM
35.51	16	794	6.15	262	467	0.7	NM
8.45	17	648	0.60	14	219	6.2	NM
8.07	19	640	0.21	-33	172	5.2	NM
5.50	21	631	0.67	-20	185	2.3	NM
8.38	18	625	0.35	94	299	2.3	NM
6.12	16	631	0.32	94	299	0.2	NM
10.56	15	607	1.25	60	265	1.3	NM
6.68	18	645	0.26	-23	182	0.2	NM
6.12	19	616	0.11	31	236	1.2	NM
8.00	18	623	0.15	58	263	2.6	NM
5.15	16	645	0.12 S	78	283	0.6	NM
6.48	18	666	0.23	32	237	0.1	NM
6.09	19	670	0.42	266	471	0.8	NM
12.30	15	582	0.22	174	379	0.7	NM
20.35	19	561	0.26	244	449	1.9	NM
30.98	16	604	1.57	65	270	7.8	NM
30.45	18	601	0.40	161	366	9.6	NM
30.47	18	597	6.72	-37	169	7.6	NM
30.47	16	557	1.06	123	328	2.7	NM
30.64	15	578	0.91	156	361	0.7	NM
31.24	15	549	0.86	100	305	2.1	NM
31.01	18	574	0.94	120	325	0.6	NM
30.78	17	532	0.82	72	277	0.6	NM
30.76	16	552	0.80	126	331	1.7	NM
30.96	15	570	0.52 S	94	299	0.8	NM
30.15	18	574	0.63	94	299	0.5	NM
29.64	17	561	1.02	301	506	2.7	NM
29.65	16	539	0.71	222	427	1.2	NM
32.25	17	509	1.85	259	464	0.9	NM
3.53	10	306	0.35	73	278	4.5	NM
4.30	9	430	0.52	87	292	2.0	NM
23.99	21	1071	0.49	131	336	2.1	NM
24.98	22	1079	0.31	48	253	5.1	NM
22.75	22	1088	1.07	31	236	9.4	NM
8.93	20	5328	0.45	91	296	3.2	NM

13.27	21	5284	0.50	85	290	1.9	NM
16.71	20	6618	0.51	5	210	9.0	NM
8.10	21	7281	0.20	33	238	1.1	NM
7.76	23	7181	0.33	41	246	0.9	NM
18.52	20	1250	0.42	46	251	3.4	NM
20.31	18	1001	0.25	53	258	6.1	NM
18.67	18	921	0.51	96	301	4.4	NM
17.66	18	859	0.37	-129	76	1.6	NM
15.80	18	481	1.58	98	303	7.3	NM
26.60	18	625	0.31	7	212	2.7	NM
26.62	19	1292	2.17	47	252	7.4	NM
20.54	18	633	0.34	60	265	4.4	NM
25.87	15	617	NM	NM	NM	104	NM
19.95	18	607	4.86	24	229	2.7	NM
23.01	21	586	3.82	-114	91	1.34	NM
25.55	18	533	4.66	-51	154	2.28	NM
19.16	17	489	6.59	-71	134	3.12	NM
23.37	20	507	4.66	-55	150	3.85	NM
26.50	16	512	5.53	155	360	2.87	NM
23.37	20	616	5.78	-893	-688	2.57	NM
22.60	22	543	4.95	-447	-242	2.12	NM
24.32	15	506	4.80	292	497	3.3	NM
20.82	17	610	6.50	234	439	2.1	NM
21.30	21	510	5.44	175	380	5.6	NM
22.45	19	520	3.07	237	442	2.69	NM
20.69	19	537	2.80	300	505	4.68	NM
22.42	21	506	2.80	127	332	2.78	NM
24.25	20	504	2.50	97	302	2.31	NM
24.23	20	503	0.40	5	210	2.1	NM
22.96	13	452	0.44	10	215	1.2	4.5
21.64	8	575	1.60	-71	134	5.6	1.5
20.36	18	499	0.31	100	305	28.7	NM
20.80	24	521	0.26	25	230	3.96	NM
22.85	17	507	0.48	-68	137	3.7	0.5
22.85	17	507	0.48	-68	137	3.7	NM
23.36	17	569	0.32	-150	55	3.32	0.5
23.26	25	586	0.38	-3	202	5.46	<0.5
23.26	25	586	0.38	-3	202	5.46	NM
22.60	23	584	0.35	60	265	3.88	NM
22.60	23	584	0.35	60	265	3.88	NM
26.30	14	651	0.41	117	322	2.93	NM
26.30	14	651	0.41	117	322	2.93	NM
27.20	12	604	0.34	274	479	2.57	NM
24.05	17	630	0.20	323	528	6.42	NM
24.05	17	630	0.20	323	528	6.42	NM

24.60	25	668	0.69	360	565	0.8	NM
24.60	25	668	0.69	360	565	0.8	NM
22.25	16	879	0.49	468	673	2.9	NM
22.25	16	879	0.49	468	673	2.9	NM
17.84	24	698	0.25	24	229	6.6	NM
17.84	24	698	0.25	24	229	6.6	NM
21.00	25	714	0.37	122	327	4.8	NM
23.41	16	706	0.31	206	411	2.8	NM
23.52	14	717	0.33	181	386	1.6	NM
13.77	12	698	NM	NM	NM	2.12	NM
12.67	16	619	4.54	-4	201	2.21	NM
14.28	21	666	4.26	-123	82	1.6	NM
14.76	18	629	4.08	-67	138	2.15	NM
12.92	17	647	5.80	-55	150	1.63	NM
14.66	19	793	5.17	-38	167	0.85	NM
14.41	13	574	2.23	128	333	24.5	NM
12.90	20	738	4.02	41	246	12.4	NM
13.30	20	833	4.06	143	348	3.56	NM
14.41	17	721	4.20	203	408	8	NM
12.94	16	725	5.70	298	503	22	NM
14.15	21	799	3.20	173	378	8.8	NM
13.67	19	693	3.27	221	426	3.75	NM
12.83	15	762	4.60	371	576	2.53	NM
13.53	20	726	3.70	107	312	9.77	NM
15.04	21	691	2.90	54	259	16.2	0
13.43	18	2	9.50	21	206	1.22	NM
12.70	14	715	4.32	132	337	2.19	NM
12.99	20	723	3.32	161	366	1.65	NM
13.57	18	740	3.11	165	370	3.84	0
13.57	18	740	3.11	165	370	3.89	NM
13.27	18	712	3.79	-111	94	2.44	<0.5
13.26	16	704	3.83	6	211	1.48	<0.5
13.26	16	704	3.83	6	211	1.48	NM
13.55	20	689	3.24	65	270	2.57	NM
13.55	20	689	3.24	65	270	2.57	NM
14.78	14	700	4.05	207	412	9.85	NM
14.78	14	700	4.05	207	412	9.85	NM
14.36	11	664	3.25	44	249	3.72	NM
13.20	13	720	1.16	266	471	3.67	NM
13.20	13	720	1.16	266	471	3.67	NM
13.70	22	756	1.24	191	396	3.3	NM
13.70	22	756	1.24	191	396	3.3	NM
12.15	15	962	2.07	560	765	4.2	NM
12.15	15	962	2.07	560	765	4.2	NM
12.15	15	746	0.89	195	400	3.7	NM

12.40	17	952	0.21	-53	152	2.7	NM
12.40	17	952	0.21	-53	152	2.7	NM
13.75	18	891	0.67	194	399	4.3	NM
13.75	18	891	0.67	194	399	4.3	NM
14.89	18	1014	1.74	217	422	2.9	NM
14.61	14	783	2.38	237	442	4.5	NM
13.78	18	577	NM	NM	NM	7.68	NM
12.70	17	543	2.27	-30	175	9.66	NM
14.30	20	612	3.26	-102	103	2.19	NM
14.78	17	581	1.34	-65	140	1.49	NM
12.92	17	509	4.39	-78	127	1.38	NM
14.69	19	560	3.11	-45	160	0.69	NM
14.45	15	559	1.62	133	338	0.39	NM
12.91	18	588	4.16	41	246	1.23	NM
13.32	19	581	3.39	146	351	0.63	NM
14.44	17	571	1.90	175	380	1.8	NM
12.95	17	546	5.20	291	496	0.7	NM
14.19	19	579	3.59	174	379	0.84	NM
13.67	18	593	1.83	204	409	2.17	NM
12.82	16	611	4.30	365	570	0.86	NM
13.53	20	614	3.50	143	348	1.72	NM
15.06	17	618	2.30	52	257	4.97	0
13.43	17	2	10.00	69	274	1.54	NM
12.70	15	628	4.27	133	338	0.56	NM
13.03	19	637	2.67	160	365	0.45	NM
13.58	17	646	1.60	160	365	1.94	0
13.58	17	646	1.60	160	365	1.94	NM
13.27	17	678	1.76	-116	89	1.09	<0.5
13.28	16	663	2.96	6	211	0.68	<0.5
13.28	16	663	2.96	6	211	0.68	NM
13.56	19	637	2.31	70	275	8.87	NM
13.56	19	637	2.31	70	275	8.87	NM
14.80	15	631	1.91	206	411	6.39	NM
14.80	15	631	1.91	206	411	6.39	NM
14.35	14	607	1.63	62	267	0.94	NM
13.21	15	661	4.09	293	498	1.21	NM
13.21	15	661	4.09	293	498	1.21	NM
13.70	23	663	3.50	285	490	1.7	NM
13.70	23	663	3.50	285	490	1.7	NM
12.10	15	852	2.55	507	712	1.7	NM
12.10	15	852	2.55	507	712	1.7	NM
12.43	18	655	2.79	30	235	1.8	NM
12.43	18	655	2.79	30	235	1.8	NM
13.84	18	661	2.39	202	407	2.8	NM
14.92	17	648	1.78	201	406	1.0	NM

14.68	14	656	1.78	250	455	1.3	NM
5.25	14	1075	NM	NM	NM	9.76	NM
4.01	17	308	0.63	-33	172	12.7	NM
5.22	22	1000	2.30	-107	98	1.03	NM
5.16	18	980	2.41	-85	120	0.98	NM
4.57	15	287	0.34	-51	154	8.84	NM
5.55	18	955	2.78	-39	166	0.88	NM
5.17	15	990	2.86	68	273	0.39	NM
4.09	15	110	1.98	39	244	34.9	NM
5.00	21	958	2.99	165	370	1.51	NM
5.54	17	987	3.20	204	409	2.7	NM
4.85	12	220	0.60	259	464	15	NM
5.25	21	884	3.38	156	361	0.41	NM
5.19	19	947	2.87	232	437	1.36	NM
4.44	13	137	0.30	283	488	66.5	NM
4.74	19	886	2.50	140	345	1.31	NM
5.46	20	916	2.20	99	304	1.95	0
4.78	18	516	0.40	-47	158	38.7	NM
5.10	13	420	0.56	193	398	2.63	NM
4.80	19	786	2.19	170	375	0.36	NM
5.43	18	869	3.07	177	382	1.45	NM
5.43	18	869	3.07	177	382	1.45	NM
5.49	14	629	2.27	166	371	5.13	NM
5.23	15	223	0.31	10	215	17.5	<0.5
5.23	15	223	0.31	10	215	17.5	NM
5.44	20	817	2.88	73	278	0.95	NM
5.44	20	817	2.88	73	278	0.95	NM
5.69	17	867	2.54	77	282	1.71	NM
5.69	17	867	2.54	77	282	1.71	NM
4.95	11	533	1.56	104	309	37.1	NM
4.91	14	118	2.89	113	318	50.5	NM
4.91	14	118	2.89	113	318	50.5	NM
5.20	20	817	3.64	321	526	0.8	NM
5.20	20	817	3.64	321	526	0.8	NM
3.22	17	311	0.29	306	511	40.4	NM
3.22	17	311	0.29	306	511	40.4	NM
4.03	11	218	0.22	111	316	13.9	NM
4.23	14	481	0.30	107	312	5.8	NM
4.23	14	481	0.30	107	312	5.8	NM
5.50	19	717	2.60	269	474	1.4	NM
5.50	19	717	2.60	269	474	1.4	NM
6.07	18	664	1.84	207	412	0.5	NM
5.96	16	675	2.55	275	480	2.4	NM
3.63	16	588	NM	NM	NM	8.69	NM
1.11	19	510	2.68	-31	174	2.1	NM

3.00	23	544	0.52	-150	55	0.92	NM
2.57	17	529	0.48	-211	-6	3.69	NM
1.30	18	498	1.07	-152	53	6.98	NM
3.20	20	524	2.19	-47	158	5.69	NM
2.95	13	519	1.81	-101	104	2.64	NM
1.40	19	550	1.89	-114	91	9.72	NM
2.35	24	549	1.64	132	337	2.56	NM
1.89	16	538	0.70	184	389	3.7	NM
1.70	14	487	5.90	253	458	4.3	NM
3.04	25	536	1.41	116	321	4.77	NM
2.55	20	552	0.38	181	386	5.08	NM
1.49	14	530	4.30	340	545	2.91	NM
2.40	22	534	1.50	38	243	5.19	NM
10.98	16	548	2.30	75	280	5.28	NM
2.10	19	534	0.30	38	243	4.08	NM
1.78	14	555	0.42	162	367	6.84	NM
1.80	21	542	1.76	135	340	3.45	NM
2.70	18	544	0.39	160	365	7.12	NM
2.70	18	544	0.39	160	365	7.12	NM
2.05	17	556	0.39	144	349	3.19	0
1.63	20	563	0.63	-28	177	2.09	<0.5
1.63	20	563	0.63	-28	177	2.09	NM
2.60	22	525	2.02	63	268	8.57	NM
2.60	22	525	2.02	63	268	8.57	NM
3.28	13	574	0.53	-93	112	5.06	NM
3.28	13	574	0.53	-93	112	5.06	NM
2.41	6	517	0.82	-56	149	5.89	NM
1.78	18	554	0.74	4	209	2.66	NM
1.78	18	554	0.74	4	209	2.66	NM
2.76	21	519	2.05	299	504	3.2	NM
2.76	21	519	2.05	299	504	3.2	NM
0.89	14	546	3.86	339	544	20.3	NM
0.89	14	546	3.86	339	544	20.3	NM
1.16	16	566	5.10	111	316	1.8	NM
1.16	16	566	5.10	111	316	1.8	NM
2.77	19	569	2.44	256	461	2.5	NM
3.34	18	542	1.03	179	384	0.4	NM
2.95	10	560	3.89	255	460	1.9	NM
28.97	20	599	NM	NM	NM	8.97	NM
28.63	20	567	2.46	0	205	8.4	NM
29.34	24	589	3.06	-133	72	8.66	NM
29.31	18	581	2.45	-41	164	9.31	NM
28.69	19	534	2.36	-76	129	2.22	NM
29.63	19	587	2.88	-41	164	2.34	NM
29.20	13	580	2.99	248	453	0.94	NM

28.82	19	615	2.02	40	245	2.77	NM
28.95	23	616	1.96	247	452	2.23	NM
29.28	17	612	1.90	199	404	0.9	NM
28.61	15	572	2.10	248	453	6	NM
29.14	24	607	1.80	132	337	2.96	NM
28.80	19	618	1.67	225	430	1.39	NM
28.47	15	608	1.90	350	555	3.51	NM
28.62	20	601	1.90	159	364	0.57	NM
29.47	18	627	1.50	108	313	3.28	0
29.10	18	576	1.60	-65	140	1.78	NM
28.87	16	536	1.65	37	242	0.58	0
28.67	12	521	2.11	36	241	3.67	0
28.44	15	583	1.68	176	381	2.28	NM
28.54	19	591	1.59	63	268	1.19	NM
28.52	17	613	1.45	183	388	1.19	0
28.52	17	613	1.45	183	388	1.19	NM
28.51	18	590	1.51	108	313	1.62	NM
29.04	16	588	1.60	-18	187	0.52	NM
29.04	16	588	1.60	-18	187	0.52	NM
29.50	19	571	1.38	66	271	1.97	NM
29.50	19	571	1.38	66	271	1.97	NM
29.36	16	606	1.20	59	264	2.49	NM
29.36	16	606	1.20	59	264	2.49	NM
28.94	13	549	1.52	143	348	1.38	NM
28.52	16	587	1.87	79	284	1.35	NM
28.52	16	587	1.87	79	284	1.35	NM
28.40	25	597	1.64	333	538	0.9	NM
28.40	25	597	1.64	333	538	0.9	NM
27.90	13	616	1.75	570	775	4.1	NM
27.90	13	616	1.75	570	775	4.1	NM
28.35	17	595	0.96	27	232	8.8	NM
28.35	17	595	0.96	27	232	8.8	NM
30.22	26	590	1.17	131	336	9.3	NM
31.43	17	556	1.32	221	426	4.5	NM
31.23	16	577	0.98	213	418	6.0	NM
9.92	15	1655	NM	NM	NM	6.11	NM
8.77	17	299	7.72	6	211	5.06	NM
11.96	22	1066	2.69	-135	70	2.92	NM
11.06	18	1132	4.38	-50	155	1.2	NM
9.28	15	343	8.14	-38	167	1.96	NM
13.15	19	828	3.05	-51	154	1.14	NM
10.94	17	1193	4.30	122	327	0.75	NM
9.52	19	999	5.43	23	228	4.26	NM
9.69	20	1105	4.46	154	359	0.9	NM
12.38	16	1377	5.50	210	415	2.4	NM

9.36	15	387	8.30	293	498	1.2	NM
12.14	19	840	3.86	170	375	3.91	NM
11.17	17	744	4.51	234	439	4.13	NM
9.07	14	1004	4.50	385	590	1.37	NM
10.35	20	640	4.20	93	298	3.35	NM
13.88	22	777	1.50	73	278	3.37	0
10.29	18	586	4.40	37	242	0.39	NM
8.69	14	358	6.64	150	355	0.6	NM
8.88	21	389	5.68	153	358	0.94	NM
11.01	18	625	3.68	180	385	0.76	0
11.02	18	625	3.68	180	385	0.76	NM
10.16	14	564	5.13	-69	136	0.86	NM
9.70	18	526	5.40	-1	204	0.4	0
9.70	18	526	5.40	-1	204	0.4	NM
10.54	20	500	4.20	64	269	1.56	NM
10.54	20	500	4.20	64	269	1.56	NM
12.19	16	601	3.19	189	394	6.42	NM
12.19	16	601	3.19	189	394	6.42	NM
11.09	13	546	4.60	65	270	1.76	NM
9.79	13	485	6.74	301	506	0.91	NM
9.79	13	485	6.74	301	506	0.91	NM
10.27	24	618	3.92	282	487	1.1	NM
10.27	24	618	3.92	282	487	1.1	NM
7.95	15	556	6.45	531	736	2.2	NM
7.95	15	556	6.45	531	736	2.2	NM
7.43	15	432	3.30	108	313	1.8	NM
7.43	15	432	3.30	108	313	1.8	NM
10.70	22	634	2.80	147	352	0.4	NM
12.65	18	639	2.84	204	409	2.5	NM
12.61	14	649	2.71	271	476	3.2	NM
24.21	20	595	0.40	-54	151	8.6	NM
24.01	19	624	0.25	-18	187	2.8	NM
25.82	18	598	0.25	-54	151	7.4	NM
25.85	16	576	0.11	6	211	6.6	NM
27.45	16	597	0.16	-58	147	4.0	NM
24.49	14	559	0.49	-43	162	9.0	NM
23.88	19	548	0.70	10	215	3.9	NM
21.14	19	598	1.40	-33	172	8.7	NM
21.72	17	680	0.07	-13	192	7.9	NM
25.20	17	611	0.14	-70	135	1.7	NM
24.84	17	590	0.63	30	235	2.9	NM
24.70	18	550	0.17	234	439	2.7	NM
23.06	17	554	5.12	13	218	3.7	NM
25.65	20	628	0.13	186	391	2.6	NM
4.60	18	1811	0.73	102	307	9.0	NM

4.66	21	1823	0.23	135	340	2.4	NM
5.49	21	1790	0.29	-13	192	2.4	NM
5.50	18	1755	0.21	44	249	5.8	NM
5.09	17	1813	0.34	126	331	1.4	NM
5.50	10	1719	1.79	-11	194	1.2	NM
4.46	20	1763	0.28	39	244	0.5	NM
3.80	24	1890	0.33	65	270	3.1	NM
3.31	21	1806	0.34	129	334	0.9	NM
4.57	15	1801	0.52	157	362	0.6	NM
5.67	19	1464	0.35	163	368	0.6	NM
5.25	24	1874	0.39	319	524	1.0	NM
4.68	13	1798	0.52	73	278	0.3	NM
5.42	22	1829	1.10	111	316	6.1	NM
5.21	23	1839	0.22	324	529	0.4	NM
24.94	NM	1975	NM	NM	NM	NM	NM
21.34	NM	2040	NM	NM	NM	NM	NM
NM	NM	1990	NM	NM	NM	NM	NM
NM	NM	<10	NM	NM	NM	NM	NM
25.45	NM	1700	NM	NM	NM	NM	NM
23.16	NM	1620	NM	NM	NM	NM	NM
27.10	NM	1550	NM	NM	NM	NM	NM
27.20	NM	1950	NM	NM	NM	NM	NM
24.91	NM	2140	NM	NM	NM	NM	NM
27.40	NM	1440	NM	NM	NM	NM	NM
27.40	NM	1990	NM	NM	NM	NM	NM
27.10	NM	2000	NM	NM	NM	NM	NM
27.94	NM	2100	NM	NM	NM	NM	NM
25.18	NM	2000	NM	NM	NM	NM	NM
25.65	NM	1900	NM	NM	NM	NM	NM
23.52	NM	1970	NM	NM	NM	NM	NM
23.04	17	1782	NM	NM	NM	19.3	NM
21.30	18	1603	4.97	22	227	3.59	NM
23.86	13	1463	1.27	7	212	2.09	NM
21.76	18	1173	2.96	-64	141	1.49	NM
23.97	15	1375	1.47	168	373	1.5	NM
21.63	22	1652	4.14	11	216	1.26	NM
23.53	16	1578	0.80	283	488	2.7	NM
20.14	16	1593	5.20	299	504	0.6	NM
21.90	15	1318	0.73	111	316	1.35	NM
19.42	19	1596	1.80	169	374	2.17	NM
21.55	18	1552	0.79	13	361	2.48	NM
24.11	21	1563	1.00	102	307	3.97	0
22.00	17	1507	1.42	81	286	0.12	NM
20.62	16	1487	5.15 S	89	294	1.32	NM
20.79	17	1620	0.96	91	296	2.0	NM

20.54	18	1552	0.54	297	502	3.3	NM
22.94	19	1538	0.48	9	214	7.6	NM
22.38	17	1490	0.68	-102	103	3.78	0
22.38	17	1490	0.68	-102	103	3.78	NM
22.38	17	1490	0.68	-102	103	3.8	NM
22.23	17	1566	0.36	112	317	4.6	NM
22.29	14	1589	0.44	207	412	3.34	NM
22.59	13	1532	1.00	-20	185	4.0	NM
22.08	20	1526	0.62	24	229	0.64	0
22.08	20	1526	0.62	24	229	0.64	NM
20.61	17	1534	0.50	47	252	9.9	NM
21.19	23	1587	0.88	35	240	2.58	NM
21.19	23	1587	0.88	35	240	2.6	NM
22.79	20	1498	0.49	98	303	1.5	NM
24.03	16	1470	0.48	114	319	5.96	NM
24.03	16	1470	0.48	114	319	5.96	NM
23.88	17	1494	0.44	73	278	1.57	NM
23.88	17	1494	0.44	73	278	1.6	NM
21.72	19	1581	0.36	305	510	5.84	NM
21.72	19	1581	0.36	305	510	5.84	NM
21.71	18	1570	1.77	77	282	1.4	NM
22.00	17	1614	0.68	202	407	0.5	NM
19.67	21	1512	1.16	295	500	4.2	NM
18.55	16	1701	0.27	310	515	4.3	NM
18.55	16	1701	0.27	310	515	4.3	NM
17.88	14	1562	0.76	-13	192	0.6	NM
19.57	17	1583	0.60	49	254	5.0	NM
19.57	17	1583	0.60	49	254	5.0	NM
22.90	20	1525	0.79	264	469	8.1	NM
25.95	17	1519	0.56	142	347	1.3	NM
25.40	17	1535	0.49	234	439	2.3	NM
30.64	NM	453	NM	NM	NM	NM	NM
28.44	NM	544	NM	NM	NM	NM	NM
NM	NM	648	NM	NM	NM	NM	NM
NM	NM	623	NM	NM	NM	NM	NM
35.00	NM	612	NM	NM	NM	NM	NM
28.70	NM	1590	NM	NM	NM	NM	NM
30.30	NM	482	NM	NM	NM	NM	NM
29.85	NM	601	NM	NM	NM	NM	NM
28.00	NM	671	NM	NM	NM	NM	NM
34.40	NM	486	NM	NM	NM	NM	NM
34.40	NM	676	NM	NM	NM	NM	NM
35.20	NM	660	NM	NM	NM	NM	NM
38.23	NM	650	NM	NM	NM	NM	NM
33.80	NM	880	NM	NM	NM	NM	NM

34.15	NM	840	NM	NM	NM	NM	NM
31.61	NM	817	NM	NM	NM	NM	NM
26.26	17	1008	NM	NM	NM	23.9	NM
25.20	21	511	4.45	4	209	4.27	NM
29.94	12	530	3.26	-89	116	3.86	NM
28.73	18	493	3.08	-91	114	2.66	NM
30.77	17	560	3.03	147	352	2.13	NM
28.38	19	568	2.54	-21	184	3.57	NM
30.58	14	862	2.60	166	371	4.7	NM
28.00	18	475	3.50	197	402	4.8	NM
28.70	16	467	2.89	130	335	2.64	NM
26.88	17	522	2.70	185	390	1.92	NM
29.97	21	1025	2.10	84	289	2.43	0
25.19	19	570	2.71	120	325	1.34	NM
23.48	16	1297	2.48	215	420	3.49	NM
27.91	17	1223	1.95	-42	163	5.5	NM
27.91	17	1223	1.95	-42	163	5.55	NM
27.09	17	1288	2.10	205	410	2.61	0
27.20	18	1257	1.92	27	232	1.25	0
27.20	18	1257	1.92	27	232	1.25	NM
27.68	22	1413	2.27	41	246	2.76	NM
28.74	16	1497	1.46	58	263	4.09	NM
28.74	16	1497	1.46	58	263	4.09	NM
27.83	15	1396	0.60	40	245	1.64	NM
26.75	18	1397	1.96	295	500	4.27	NM
26.75	18	1397	1.96	295	500	4.27	NM
27.28	21	1630	1.46	158	363	5.4	NM
22.45	16	1564	2.32	414	619	9.6	NM
22.45	16	1564	2.32	414	619	9.6	NM
24.45	19	2667	7.37	59	264	2.3	NM
24.45	19	2667	7.37	59	264	2.3	NM
27.06	17	2557	1.57	181	386	2.3	NM
29.33	17	2508	1.29	29	234	1.0	NM
28.58	18	2621	1.29	197	402	1.5	NM
49.69	NM	1260	NM	NM	NM	NM	NM
46.22	NM	1340	NM	NM	NM	NM	NM
NM	NM	1500	NM	NM	NM	NM	NM
NM	NM	1760	NM	NM	NM	NM	NM
48.75	NM	1820	NM	NM	NM	NM	NM
43.35	NM	1600	NM	NM	NM	NM	NM
45.40	NM	1300	NM	NM	NM	NM	NM
45.85	NM	1560	NM	NM	NM	NM	NM
45.56	NM	1740	NM	NM	NM	NM	NM
50.00	NM	1500	NM	NM	NM	NM	NM
50.00	NM	1810	NM	NM	NM	NM	NM

54.30	NM	1700	NM	NM	NM	NM	NM
52.91	NM	1700	NM	NM	NM	NM	NM
52.12	NM	1700	NM	NM	NM	NM	NM
52.45	NM	1800	NM	NM	NM	NM	NM
49.30	NM	1840	NM	NM	NM	NM	NM
42.95	19	1782	NM	NM	NM	2.9	NM
44.09	18	1572	2.24	-38	167	4.11	NM
45.97	19	1368	0.52	-32	173	6.47	NM
46.26	18	1245	0.57	-55	150	6.91	NM
47.59	15	1423	1.83	189	394	8.22	NM
47.24	17	1590	0.52	125	330	2.06	NM
46.12	14	1742	0.23	153	358	8.5	NM
45.78	19	1865	0.40	228	433	9.8	NM
45.01	18	2014	0.20	135	340	6.25	NM
44.80	17	2857	0.30	157	362	5.53	NM
45.99	18	2625	0.90	96	301	4.99	0
46.39	19	2809	0.40	99	304	5.03	NM
45.38	17	2602	0.28	227	432	4.91	NM
NM	NM	NM	NM	NM	NM	NM	NM
44.93	20	2410	1.45	37	242	3.3	NM
43.46	19	2169	0.78	-64	141	8.87	NM
43.46	19	2169	0.78	-64	141	8.87	NM
46.88	18	217	0.29	159	364	9.82	0
46.18	18	2157	0.37	21	226	9.93	0
46.18	18	2157	0.37	21	226	9.93	NM
45.30	23	2087	0.44	57	262	2.58	NM
46.58	17	2031	0.39	69	274	8.78	NM
46.58	17	2031	0.39	69	274	8.78	NM
47.30	13	2043	0.79	40	245	3.98	NM
47.02	15	2044	0.55	276	481	7.57	NM
47.02	15	2044	0.55	276	481	7.57	NM
46.65	20	1971	1.64	165	370	1.3	NM
43.89	21	1895	3.30	80	285	5.1	NM
43.90	19	1848	2.43	120	325	1.6	NM
42.81	11	1943	1.81	259	464	2.6	NM
42.81	11	1943	1.81	259	464	2.6	NM
41.79	11	1800	1.24	238	443	0.4	NM
41.04	18	1771	0.48	73	278	2.7	NM
41.04	18	1771	0.48	73	278	2.7	NM
41.44	24	1796	0.83	55	260	1.9	NM
42.90	20	1658	1.14	198	403	4.4	NM
42.96	18	1674	0.97	222	427	1.1	NM
28.19	NM	230	NM	NM	NM	NM	NM
25.80	NM	1570	NM	NM	NM	NM	NM
NM	NM	197	NM	NM	NM	NM	NM

NM	NM	196	NM	NM	NM	NM	NM
23.60	NM	197	NM	NM	NM	NM	NM
23.35	NM	179	NM	NM	NM	NM	NM
24.80	NM	154	NM	NM	NM	NM	NM
26.15	NM	204	NM	NM	NM	NM	NM
25.71	NM	218	NM	NM	NM	NM	NM
23.85	NM	167	NM	NM	NM	NM	NM
23.85	NM	188	NM	NM	NM	NM	NM
26.15	NM	180	NM	NM	NM	NM	NM
25.81	NM	170	NM	NM	NM	NM	NM
25.20	NM	210	NM	NM	NM	NM	NM
24.90	NM	140	NM	NM	NM	NM	NM
22.20	NM	147	NM	NM	NM	NM	NM
23.02	16	153	NM	NM	NM	4.4	NM
22.82	15	129	7.32	-38	167	1.51	NM
24.84	17	143	7.52	-49	156	1.15	NM
24.38	17	120	8.41	-38	167	1.94	NM
26.07	15	125	7.61	215	420	1.25	NM
24.85	18	130	6.54	131	336	1.4	NM
25.60	13	137	8.10	267	472	2.3	NM
23.30	15	148	8.30	216	421	3.4	NM
24.10	17	160	7.00	191	396	1.9	NM
21.56	17	177	6.20	221	426	1.74	NM
23.81	16	222	8.00	124	329	0.67	0
24.01	18	171	6.17	143	348	0.28	NM
20.45	16	230	6.12	266	471	0.47	NM
20.09	17	202	8.78	112	317	5.3	NM
20.41	18	184	6.95	162	367	1.7	NM
21.60	17	192	7.40	38	243	2.9	NM
22.22	16	159	8.10	11	216	3.8	0
22.22	16	159	8.10	11	216	3.8	NM
22.22	16	159	8.10	11	216	3.8	NM
23.23	16	156	6.52	-17	188	1.6	NM
22.85	15	155	7.30	136	341	1.24	NM
23.35	16	152	2.57 S	17	222	0.8	NM
23.49	19	158	6.90	68	273	1.21	0
23.49	19	158	6.90	68	273	1.21	NM
22.70	16	124	6.92	4	209	0.7	NM
21.45	20	139	8.07	105	310	0.87	NM
21.45	20	139	8.07	105	310	0.9	NM
22.66	18	139	5.99	158	363	0.7	NM
23.75	16	132	7.21	211	416	5.46	NM
23.75	16	132	7.21	211	416	5.46	NM
24.99	17	131	7.10	99	304	0.9	NM
24.99	17	131	7.10	99	304	0.9	NM

23.83	16	170	8.28	299	504	1.04	NM
23.83	16	170	8.28	299	504	1.04	NM
23.06	17	219	6.48	125	330	0.9	NM
22.88	16	221	6.60	191	396	0.5	NM
21.56	18	155	7.26	204	409	7.9	NM
20.06	15	136	8.56	287	492	3.1	NM
20.06	15	136	8.56	287	492	3.1	NM
16.32	16	137	8.77	196	401	0.9	NM
15.92	16	185	7.04	173	378	2.8	NM
15.92	16	185	7.04	173	378	2.8	NM
18.42	16	180	7.93	152	357	1.3	NM
21.05	16	159	7.30	121	326	2.4	NM
21.01	17	178	6.99	231	436	1.1	NM
34.88	NM	776	NM	NM	NM	NM	NM
30.14	NM	208	NM	NM	NM	NM	NM
NM	NM	548	NM	NM	NM	NM	NM
NM	NM	510	NM	NM	NM	NM	NM
36.75	NM	475	NM	NM	NM	NM	NM
32.86	NM	408	NM	NM	NM	NM	NM
33.65	NM	289	NM	NM	NM	NM	NM
35.77	NM	248	NM	NM	NM	NM	NM
34.45	NM	333	NM	NM	NM	NM	NM
37.60	NM	399	NM	NM	NM	NM	NM
37.60	NM	362	NM	NM	NM	NM	NM
36.95	NM	350	NM	NM	NM	NM	NM
38.18	NM	300	NM	NM	NM	NM	NM
36.42	NM	360	NM	NM	NM	NM	NM
37.40	NM	330	NM	NM	NM	NM	NM
33.13	NM	323	NM	NM	NM	NM	NM
31.67	17	346	NM	NM	NM	9.1	NM
29.03	18	207	6.22	16	221	4.13	NM
32.89	23	243	3.88	-33	172	9.92	NM
28.80	19	230	5.74	-101	104	1.96	NM
32.70	16	240	4.45	171	376	4.47	NM
27.95	19	250	3.78	37	242	4.42	NM
30.90	17	252	4.50	256	461	7.4	NM
24.17	16	247	5.00	261	466	3.7	NM
29.53	17	276	3.20	269	474	1.95	NM
23.41	18	244	4.20	223	428	3.69	NM
31.99	21	260	3.90	125	330	1.49	0
30.85	17	239	5.38	168	373	0.62	NM
26.05	16	236	4.03 S	152	357	1.13	NM
27.47	20	252	3.88	95	300	5.3	NM
27.23	20	255	3.72	290	495	4.8	NM
30.50	19	271	2.69	27	232	9.2	NM

29.93	16	255	3.22	-22	183	2.8	0
29.93	16	255	3.22	-22	183	2.8	NM
29.93	16	255	3.22	-22	183	2.8	NM
30.25	15	254	4.30	227	432	2.64	NM
30.25	15	254	4.30	227	432	2.6	NM
29.78	14	271	2.35	7	212	2.7	NM
29.71	17	270	2.95	24	229	1.97	<0.5
29.71	17	270	2.95	24	229	1.97	NM
26.68	17	291	4.14	56	261	2.3	NM
30.10	22	292	3.14	103	308	7.94	NM
30.10	22	292	3.14	103	308	7.9	NM
32.00	18	274	3.41	145	350	4.5	NM
33.35	14	279	3.03	211	416	24.3	NM
33.35	14	279	3.03	211	416	24.3	NM
33.27	17	264	3.13	157	362	4.01	NM
33.27	17	264	3.13	157	362	4.0	NM
28.32	18	312	5.11	303	508	6.88	NM
28.32	18	312	5.11	303	508	6.88	NM
26.86	18	290	3.68	119	324	1.6	NM
30.31	18	301	3.57	210	415	2.1	NM
25.65	21	334	5.14	383	588	5.8	NM
23.90	12	294	6.19	322	527	8.1	NM
23.90	12	294	6.19	322	527	8.1	NM
21.62	11	323	4.90	26	231	0.8	NM
23.65	19	301	3.91	123	328	3.6	NM
23.65	19	301	3.91	123	328	3.6	NM
28.15	25	271	4.40	278	483	2.2	NM
33.20	18	257	3.60	165	370	2.5	NM
32.25	18	275	3.59	231	436	2.8	NM
19.16	NM	1450	NM	NM	NM	NM	NM
15.48	NM	758	NM	NM	NM	NM	NM
NM	NM	1470	NM	NM	NM	NM	NM
NM	NM	1230	NM	NM	NM	NM	NM
26.40	NM	420	NM	NM	NM	NM	NM
21.80	NM	699	NM	NM	NM	NM	NM
22.50	NM	684	NM	NM	NM	NM	NM
24.20	NM	818	NM	NM	NM	NM	NM
24.19	NM	345	NM	NM	NM	NM	NM
30.40	NM	795	NM	NM	NM	NM	NM
30.40	NM	721	NM	NM	NM	NM	NM
33.81	NM	770	NM	NM	NM	NM	NM
35.67	NM	890	NM	NM	NM	NM	NM
31.90	NM	810	NM	NM	NM	NM	NM
29.35	NM	640	NM	NM	NM	NM	NM
24.91	NM	1790	NM	NM	NM	NM	NM

19.09	20	1534	NM	NM	NM	9.3	NM
19.39	21	736	2.89	-30	175	19.6	NM
21.73	17	713	2.94	-47	158	3.82	NM
19.27	18	661	3.64	-78	128	4.63	NM
22.04	15	752	2.53	148	353	6.61	NM
19.87	18	827	2.73	43	248	4.69	NM
20.73	15	854	2.10	285	490	5	NM
18.72	15	860	3.30	290	495	3.9	NM
20.02	15	829	1.78	291	496	2.41	NM
16.48	17	866	2.90	17	222	4.37	NM
18.27	17	849	2.70	304	509	8.5	NM
20.59	17	846	2.70	94	299	0.42	0
19.67	18	867	1.72	112	317	2.75	NM
15.11	15	852	1.89	216	421	2.34	NM
17.39	16	1270	0.81	-77	128	8.17	2
17.39	16	1270	0.81	-77	128	8.17	NM
17.02	17	1064	1.14	-138	67	9.94	<0.5
17.13	16	1045	1.55	15	220	4.26	<0.5
17.13	16	1045	1.55	15	220	4.26	NM
15.70	18	1359	1.02	68	273	3.1	NM
19.31	15	1621	0.74	77	282	9.44	NM
19.31	15	1621	0.74	77	282	9.44	NM
20.01	13	1476	1.12	303	508	8.54	NM
18.70	12	1169	1.23	281	486	3.67	NM
18.70	12	1169	1.23	281	486	3.67	NM
18.13	18	1270	1.37	217	422	2.6	NM
15.60	8	1130	1.89	302	507	6.4	NM
15.60	8	1130	1.89	302	507	6.4	NM
12.45	19	989	3.72	66	271	1.5	NM
12.45	19	989	3.72	66	271	1.5	NM
18.65	17	1136	3.56	140	345	0.5	NM
18.36	17	1509	0.89	186	391	2.8	NM
22.74	20	1936	0.18	5	210	8.94	<0.5
21.94	17	2024	0.98	-16	189	1.24	NM
23.05	23	2052	0.48	-11	194	0.92	NM
24.71	16	1999	0.34	-24	181	1.57	NM
24.66	16	2011	0.32	-57	148	0.85	NM
23.30	18	2049	0.31	-50	155	0.8	NM
22.53	20	2059	0.57	159	364	0.4	NM
21.26	16	1771	0.33	-12	193	1.3	NM
22.75	22	1946	0.24	-71	134	1.0	NM
24.09	20	1784	0.24	35	240	0.4	NM
19.63	23	2043	1.06	13	218	1.14	<0.5
18.57	18	2096	1.18	37	242	1.37	NM
20.09	30	2134	1.09	71	276	2.66	NM

22.26	16	2031	0.41	32	237	2.14	NM
22.41	14	2028	2.31	53	258	1.09	NM
20.68	18	2040	0.46	28	233	1.19	NM
19.36	22	2062	0.54	192	397	0.9	NM
18.07	13	1687	0.58	65	270	1.7	NM
19.13	8	1967	0.48	233	438	0.2	NM
19.90	21	2013	0.37	35	240	1.1	NM
19.99	29	1994	0.53	267	472	0.2	NM
21.23	21	1833	0.37	137	342	0.9	NM
18.56	23	1981	2.26	19	224	2.66	<0.5
17.41	18	1999	1.41	112	317	2.12	NM
19.02	30	1996	0.40	82	287	2.72	NM
21.42	16	1873	0.35	73	278	3.05	NM
21.60	16	1972	1.14	83	288	3.27	NM
19.80	18	2160	0.30	61	266	1.23	NM
18.24	22	2212	0.72	195	400	3.6	NM
16.92	12	1707	0.45	70	275	2.9	NM
18.88	24	1728	0.75	48	253	1.4	NM
20.14	21	1485	0.36	136	341	0.5	NM
24.80	19	2222	0.65	15	220	0.63	<0.5
24.08	17	2316	2.39	-69	136	1.56	NM
24.86	20	2340	0.40	-14	191	2.58	NM
25.68	16	2250	0.24	-48	157	1.94	NM
25.67	15	2170	0.18	-80	125	1.52	NM
24.05	16	2277	0.73	-61	144	1.5	NM
24.22	19	2255	0.20	34	239	2.6	NM
22.45	14	2290	0.23	-24	181	4.5	NM
23.56	20	2349	0.31	11	216	1.8	NM
25.42	19	2227	0.31	75	280	0.3	NM
23.52	21	1378	0.22	-114	91	7.63	5
22.56	17	1471	1.31	-99	106	5.3	NM
23.63	21	1512	0.33	-131	74	2.78	NM
25.31	16	1492	0.32	-136	69	6.71	NM
25.55	15	1489	0.19	-137	68	2.48	NM
23.48	16	1514	0.27	-141	64	2.61	NM
23.57	20	1558	0.25	153	358	6.5	NM
21.60	13	1617	0.28	-70	135	7.1	NM
23.00	20	1678	0.25	-146	59	1.2	NM
25.05	19	1648	0.37	98	303	0.6	NM
21.76	20	1118	2.41	12	217	2.47	<0.5
21.14	17	1156	2.08	-30	175	0.85	NM
22.04	21	1095	0.49	-51	154	0.74	NM
23.00	13	1083	0.51	-101	104	5.35	NM
22.94	14	1055	0.72	-83	122	2.4	NM
21.47	18	1066	0.44	-41	164	4.6	NM

21.98	22	1038	0.66	84	289	0.6	NM
21.98	12	959	0.87	-85	120	3.1	NM
21.18	20	1027	0.22	-52	153	0.3	NM
23.14	20	992	0.47	161	366	2.9	NM
14.65	20	2105	0.29	16	221	9.8	0.5
13.08	17	2118	2.02	-36	169	9.7	NM
15.68	21	1961	0.48	95	300	9.24	NM
18.02	15	2027	0.36	93	298	9.94	NM
17.83	16	2045	0.40	57	262	6.5	NM
14.24	17	1990	0.44	74	279	9.61	NM
15.35	20	1945	0.72	194	399	7.1	NM
10.84	14	1780	0.83	129	334	4.7	NM
13.78	18	2026	0.36	141	346	0.3	NM
16.74	19	2056	0.42	184	389	0.4	NM
10.00	17	703	0.41	139	344	1.2	NM
10.91	21	799	0.20	-53	152	0.6	NM
11.93	20	730	0.20	19	224	0.6	NM
13.25	18	719	0.12	-62	143	0.4	NM
NM	NM	NM	NM	NM	NM	NM	NM
11.20	NM	NM	NM	NM	NM	NM	NM
11.50	NM	NM	NM	NM	NM	NM	NM
10.90	NM	NM	NM	NM	NM	NM	NM
11.90	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
11.42	NM	NM	NM	NM	NM	NM	NM
12.80	NM	NM	NM	NM	NM	NM	NM
10.80	NM	NM	NM	NM	NM	NM	NM
12.60	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
13.60	15	NM	NM	NM	NM	NM	NM
11.90	16	NM	NM	NM	NM	NM	NM
13.40	17	NM	NM	NM	NM	NM	NM
11.30	15	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
10.57	17	NM	NM	NM	NM	NM	NM
11.10	16	NM	NM	NM	NM	NM	NM
12.76	17	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
11.23	16	NM	NM	NM	NM	NM	NM
12.71	17	NM	NM	NM	NM	NM	NM
13.16	16	NM	NM	NM	NM	NM	NM
13.31	16	NM	NM	NM	NM	NM	NM
12.81	19	673	0.40	180	385	4.33	0
10.95	12	643	0.37	141	346	0.37	0

10.90	5	612	1.30	189	394	1.3	0
29.91	20	858	1.50	4	209	5.39	NM
31.50	20	854	2.00	46	251	7.81	0
30.80	8	700	2.11	77	282	3.45	0
28.71	5	837	1.40	66	271	2.8	0
29.12	18	961	0.51	77	282	9.66	0
29.23	16	1015	0.49	-158	47	9.71	0
28.81	20	983	0.26	-6	200	5.87	<0.5
28.75	20	997	0.45	62	267	7.59	NM
31.34	16	1050	0.55	34	239	8.93	NM
31.36	13	1036	0.50	279	484	9.95	NM
28.92	17	1001	0.33	280	485	7.61	NM
30.39	23	984	2.08	295	500	9.8	NM
29.00	15	1111	0.88	329	534	7.3	NM
25.70	17	1200	0.34	-116	89	2.8	NM
30.32	16	1114	1.00	183	388	0.9	NM
56.55	17	961	0.30	-75	130	2.7	NM
57.52	17	1023	0.27	-87	118	1.7	NM
58.11	17	955	0.21	186	391	0.3	NM
58.82	15	940	0.66	160	365	0.5	NM
NM	NM	NM	NM	NM	NM	NM	NM
12.66	NM	NM	NM	NM	NM	NM	NM
13.10	NM	NM	NM	NM	NM	NM	NM
12.70	NM	NM	NM	NM	NM	NM	NM
13.38	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
13.00	NM	NM	NM	NM	NM	NM	NM
14.20	NM	NM	NM	NM	NM	NM	NM
12.46	NM	NM	NM	NM	NM	NM	NM
10.61	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
10.80	15	NM	NM	NM	NM	NM	NM
13.40	15	NM	NM	NM	NM	NM	NM
13.80	16	NM	NM	NM	NM	NM	NM
13.00	15	NM	NM	NM	NM	NM	NM
NM	16	NM	NM	NM	NM	NM	NM
12.37	NM	NM	NM	NM	NM	NM	NM
12.55	15	NM	NM	NM	NM	NM	NM
13.72	16	NM	NM	NM	NM	NM	NM
NM	15	NM	NM	NM	NM	NM	NM
13.05	NM	NM	NM	NM	NM	NM	NM
14.10	15	NM	NM	NM	NM	NM	NM
16.38	15	NM	NM	NM	NM	NM	NM
16.04	15	NM	NM	NM	NM	NM	NM

14.40	17	474	0.50	205	410	1.22	0
12.40	14	615	0.31	144	349	1.84	0
12.36	4	541	0.90	201	406	0.2	0
12.29	16	572	0.70	80	285	1.8	NM
12.52	23	799	0.27 S	197	402	1.3	NM
13.52	18	1141	0.27	222	427	1.5	NM
13.00	17	1624	0.27	194	399	4.3	NM
12.68	17	1733	1.40	-33	172	2.4	NM
12.83	13	1753	1.46	152	357	1.4	NM
12.36	17	1920	1.15	212	417	0.6	NM
13.09	22	2047	0.76	198	403	0.9	NM
13.09	22	2047	0.76	198	403	0.9	NM
13.57	17	2259	0.56	90	295	1.6	NM
13.89	14	2437	0.72	138	343	0.72	NM
13.49	15	2716	0.30	442	647	0.63	NM
13.49	15	2716	0.30	442	647	0.6	NM
12.45	16	3009	0.42	64	269	0.94	NM
12.81	19	3019	0.68	295	500	0.7	NM
13.11	24	2835	0.66	-12	193	1.4	NM
12.58	19	2974	0.42	164	369	1.1	NM
10.40	12	3340	0.22	461	666	3.3	NM
11.42	15	2403	0.81	249	454	0.4	NM
12.20	16	3028	0.30	240	445	2.7	NM
14.01	19	2890	0.62	189	394	2.9	NM
13.80	17	3823	0.38	188	393	1.6	NM
12.07	11	933	2.20	-20	185	7.05	2
15.60	27	984	1.50	298	503	3.12	NM
18.29	20	889	0.40	-14	191	4.11	1.5
15.30	15	939	0.27	-1	204	1.88	4.5
12.13	13	841	0.49	31	236	2.91	5
16.01	19	938	1.45	-53	152	103	NM
16.74	21	852	0.42	-297	-92	5.5	NM
15.98	12	961	0.54	77	282	7.8	1
16.84	14	893	1.40	-38	167	8.55	4
15.66	26	865	0.52	-46	159	19.2	NM
18.58	19	915	0.46	-36	170	9.44	NM
19.35	11	948	0.51	-87	118	5.46	NM
14.68	14	875	0.65	-43	162	50.2	NM
15.21	27	3	0.55	195	400	15.5	NM
9.29	16	830	0.27	-20	185	45.6	NM
11.36	19	1193	4.26	12	217	20.2	NM
18.07	18	763	2.80	233	438	5.4	NM
25.44	21	2424	0.70	31	236	3.5	0
25.00	20	2498	2.49	5	210	8.96	NM
27.33	18	2441	0.90	92	297	7.77	0

23.04	13	2460	0.53	93	298	2.84	0
22.42	1	2659	0.90	7	212	3	0
25.86	20	2483	0.55	122	327	4.99	0
25.79	13	2492	0.79 S	-367	-162	7.63	0
24.57	17	2581	0.67	250	455	4.07	0
26.04	19	1557	1.47	-134	71	3.37	<0.5
26.27	25	2544	0.43	63	268	2.43	NM
29.55	17	2473	0.26	17	222	8.91	NM
28.89	11	2564	0.62	33	238	9.51	NM
26.07	17	2503	0.32	20	225	7.62	NM
26.77	18	2586	4.29	235	440	9.6	NM
22.32	12	2597	0.60	322	527	3.0	NM
24.40	17	2591	0.74	251	456	1.8	NM
28.57	21	2566	0.85	202	407	0.7	NM
46.39	22	352	6.00	-226	-21	10	0
46.02	21	326	2.50	281	486	13	NM
46.93	21	343	0.90	-24	181	7.96	0
46.54	12	327	0.86	-29	176	4.46	0
46.15	3	355	0.80	1	206	8.94	0
46.23	14	411	0.55	74	279	9.37	0
45.78	21	465	0.33	-60	145	5.15	NM
47.21	17	508	0.57	-117	88	6.49	0
46.60	23	507	0.31	-27	178	7.24	NM
47.59	14	521	0.39	-179	26	9.7	NM
46.79	11	520	0.34	-140	65	9.78	NM
45.02	15	507	0.55	-127	78	4.09	NM
45.72	22	924	2.14	-36	169	8.9	NM
45.30	13	552	2.28	104	309	3.8	NM
46.73	15	538	0.78	-135	70	3.5	NM
51.54	18	510	0.82	190	395	0.7	NM
166.28	19	436	2.88	-22	183	7.91	0
65.91	19	418	0.48	-164	41	18.7	0.5
NM	NM	NM	NM	NM	NM	NM	NM
27.90	22	590	3.40	167	276	3.19	NM
29.99	18	625	0.90	102	307	1.62	0
27.55	13	598	1.70	45	250	4.1	0
26.91	5	664	0.60	-130	76	2.1	0.5
28.39	12	704	0.76	-87	118	2.07	0.5
27.64	13	779	0.78	-99	106	1.05	NM
27.34	20	810	0.49	-89	116	2.94	0.5
27.90	22	811	0.33	-34	171	7.49	NM
29.51	13	822	0.46	-121	84	9.34	NM
28.82	12	786	0.50	-105	100	5.26	NM
27.50	14	839	0.32	167	372	9.33	NM
28.07	26	816	0.54	20	225	2.4	NM

26.15	14	824	1.66	119	324	3.8	NM
26.45	21	774	0.71	753	958	1.5	NM
29.71	17	792	1.43	-66	139	1.8	NM
10.17	22	1476	1.08	71	276	1.2	0
9.90	21	1405	0.60	15	220	3.33	NM
15.38	18	1191	0.60	93	298	2.07	0
8.60	12	1074	4.10	84	289	0.7	0
8.06	6	1130	2.20	84	289	1	0
11.10	14	933	1.48	75	280	1.95	0
9.31	14	927	2.77	-57	148	1.12	<0.5
8.50	21	930	2.34	-31	174	9.19	0
10.12	22	879	1.21	65	270	1.26	NM
11.71	15	868	1.74	186	391	6.18	NM
9.78	12	840	3.18	22	227	3.44	NM
8.60	14	887	3.77	297	502	1.3	NM
9.47	22	951	0.65	-28	177	4.9	NM
7.30	14	945	4.17	355	560	2.3	NM
7.85	20	777	2.30	-3	202	2.8	NM
11.68	18	781	0.89	53	258	0.9	NM
27.80	23	779	2.48	81	286	2.05	0
7.49	18	370	0.10	-205	-289	6	NM
7.42	21	379	0.40	-270	-65	2.85	NM
8.78	20	410	0.30	-198	7	2.9	0
7.54	20	417	0.25	-171	34	2.68	1
7.41	16	413	0.61	-263	-58	2.82	NM
7.20	17	412	0.27	-169	37	2.64	0.5
7.27	18	474	1.15	-128	77	3.7	1
7.70	19	421	0.35	-152	53	2.46	NM
8.19	16	397	0.30	-138	67	2.74	NM
7.71	13	388	0.21	-166	39	1.61	NM
11.90	18	433	0.26	-145	60	1.3	NM
13.45	18	433	0.20	-122	83	2.7	NM
7.01	19	409	2.80	126	331	5.6	0
6.59	20	386	0.40	272	477	1.77	NM
8.12	22	396	0.30	49	254	1.3	0
5.86	20	364	0.20	-13	193	2.17	0
6.07	17	359	0.50	-282	-77	0.74	NM
5.91	17	368	0.43	-146	59	0.83	<0.5
6.15	21	415	0.83	-86	119	4.95	<0.5
6.75	19	353	0.29	89	294	1.24	NM
5.83	17	341	0.24	122	327	1.57	NM
5.51	11	340	0.34	164	369	0.71	NM
10.90	19	348	0.25	180	385	0.3	NM
11.08	17	329	0.27	153	358	1.4	NM
13.75	21	438	2.90	111	316	3.13	0

15.51	22	398	2.00	145	350	1.19	0
14.65	18	446	0.45	-61	144	6.52	0.5
14.79	16	440	0.40	-14	191	1.4	0.5
14.13	16	451	0.34	-50	155	3.89	0.5
14.98	17	449	0.72	-29	176	1.56	0
15.25	20	443	0.35	-100	105	4.2	NM
16.92	15	444	0.33	-104	101	1.87	NM
16.50	11	438	0.30	-110	96	5.04	NM
13.76	15	338	3.27	104	309	3.88	NM
14.47	20	320	2.43	87	292	5.1	NM
9.60	14	286	2.33	147	352	1.8	NM
9.79	15	310	1.38	209	414	0.8	NM
15.09	15	460	0.21	53	258	1.4	NM
40.50	20	593	5.20	155	360	3.91	NM
41.12	20	546	0.80	65	270	4.49	0
39.74	19	576	0.30	-145	60	3.41	1.5
40.04	14	576	0.48	-71	134	7.45	2
40.31	14	607	0.24	-121	84	9.84	NM
40.70	14	559	1.11 S	-117	88	9.97	2
40.38	21	626	0.33	-130	75	8.98	NM
41.37	13	596	0.41	-98	107	9.89	NM
41.65	13	617	0.42	-139	66	8.87	NM
41.62	15	611	0.41	-52	153	9.9	NM
41.49	20	628	1.46	112	317	9.6	NM
40.43	12	589	2.11	-114	92	5.3	NM
39.41	14	606	1.68	249	454	1.5	NM
38.70	14	629	1.26	-72	133	0.9	NM
38.89	20	457	0.83	-148	57	0.3	NM
40.27	17	603	0.68	128	333	0.5	NM
32.56	19	376	2.60	97	302	5.34	0
33.08	19	371	1.43	-2	203	4.86	NM
35.92	19	352	0.50	51	256	9.46	0
32.77	16	341	0.24	24	229	3.93	0
30.57	13	305	0.26	80	285	5.97	0
33.89	20	335	0.30	15	220	6.12	0
32.69	17	326	0.47	-272	-67	9.07	NM
34.15	17	345	0.22	-34	171	9.28	0
33.88	14	323	2.47 S	104	309	8.35	0.5
33.51	21	329	0.64	1	206	4.95	NM
36.70	13	326	1.42	33	238	6.44	NM
37.29	14	383	0.37	56	261	8.23	NM
33.58	16	319	0.34	132	337	4.96	NM
33.47	20	353	1.41	265	470	0.6	NM
30.25	14	365	0.37	-28	177	2.0	NM
27.96	13	384	1.75	94	299	1.3	NM

28.80	16	398	1.04	204	409	0.6	NM
32.55	18	297	0.41	-65	140	0.3	NM
36.65	19	361	0.60	167	372	1.2	NM
40.56	17	3044	1.51	24	229	3.2	NM
41.17	23	3007	1.74	117	322	1.6	NM
41.51	22	3134	0.42	102	307	9.8	NM
42.29	17	3067	0.56	140	345	6.5	NM
64.66	17	1417	2.43	-29	176	9.9	NM
65.28	26	1311	2.84	112	317	9.7	NM
66.17	26	1114	0.30	48	253	27.6	NM
66.87	18	905	1.25	185	390	31.0	NM
22.58	19	569	1.80	111	316	2.5	NM
22.79	18	581	2.02	298	503	4.01	NM
24.26	18	619	0.30	91	296	1.18	0
23.80	14	570	0.34	129	334	0.65	0
23.31	12	567	0.48	24	229	0.61	0
22.14	16	583	0.34	145	350	0.39	NM
22.28	15	587	1.30	38	243	1.8	NM
22.00	23	592	0.81	-10	195	0.61	0
22.00	23	592	0.81	-10	195	0.6	0
22.84	20	605	0.51	-133	73	1.99	NM
22.84	20	605	0.51	-133	73	2.0	NM
23.02	16	574	1.79	-26	179	5.73	NM
23.02	16	574	1.79	-26	179	5.7	NM
23.43	15	549	0.42	-36	169	0.4	NM
23.24	17	573	0.97	54	259	0.43	NM
23.20	11	548	2.84 S	-15	190	1.0	NM
23.35	18	567	0.51	16	221	0.46	0
23.25	18	549	1.30	-16	189	0.5	NM
22.74	21	556	2.02	32	237	0.29	NM
22.74	21	556	2.02	32	237	0.3	NM
23.68	17	536	0.43	22	227	0.3	NM
24.62	15	547	1.31	50	255	0.25	NM
24.90	14	556	1.31	36	241	0.5	NM
24.90	14	556	1.31 S	36	241	0.5	NM
24.32	16	550	1.46	9	214	0.51	NM
23.76	20	557	0.63	14	219	0.7	NM
24.16	20	548	0.70	104	309	1.3	NM
23.04	18	541	0.66	162	367	0.6	NM
22.70	15	525	0.78	44	249	3.1	NM
21.54	14	526	0.47	204	409	1.0	NM
20.70	17	551	0.87	180	385	0.3	NM
21.89	20	561	0.89	199	404	2.5	NM
23.85	17	534	0.77	221	426	0.3	NM
3.17	13	420	1.80	155	360	1.29	0

4.89	29	425	0.80	-191	14	1.28	NM
7.67	24	420	0.30	-75	130	0.57	NM
3.82	19	481	3.56	48	253	0.9	NM
3.94	27	588	0.43	184	389	3.4	NM
6.55	24	582	0.70	165	270	1	NM
6.55	24	582	0.70	165	370	1.0	NM
7.05	19	514	0.90	152	357	1.25	NM
7.05	19	514	0.90	152	357	1.3	NM
5.59	18	502	0.82	69	274	1.6	NM
6.40	12	534	1.62	176	381	0.9	NM
6.60	12	508	1.5 S	-21	184	1.2	NM
5.99	14	533	1.88	-133	73	1.89	<0.5
4.90	20	544	0.86	-25	180	0.9	NM
5.50	28	586	0.95	28	233	1.04	NM
5.50	28	586	0.95	28	233	1.0	NM
5.83	25	547	0.74	65	270	1.7	NM
7.71	17	500	1.20	85	290	0.25	NM
7.42	19	479	2.12	94	299	0.26	NM
7.42	19	479	2.12	94	299	0.3	NM
4.68	14	516	2.68	65	270	0.93	NM
5.44	21	521	2.62	95	300	0.7	NM
5.01	25	544	1.81	-7	198	0.9	NM
4.59	23	567	1.98	300	505	2.1	NM
3.31	7	526	0.96	297	502	0.9	NM
3.39	15	536	0.77	79	284	0.2	NM
4.15	16	524	2.55	95	300	1.3	NM
5.84	21	584	0.26	263	468	0.6	NM
9.00	21	544	0.52	141	346	0.4	NM
6.83	16	478	1.1 S	29	234	27.6	NM
6.87	12	526	0.74 S	-4	201	10.0	NM
6.37	14	583	1.46	-104	101	9.8	1
5.01	19	547	1.79	-34	171	43.6	NM
4.16	19	567	1.80	-33	172	23.1	NM
6.18	29	581	1.53	1	206	17.5	NM
6.18	29	581	1.53	1	206	17.5	NM
6.36	25	540	2.29	85	290	8.8	NM
6.18	24	536	0.84	112	317	5.1	NM
7.74	27	539	1.80	95	300	1.5	NM
8.10	18	522	0.61	110	315	3.56	NM
7.58	19	504	1.97	119	324	3.78	NM
7.58	19	504	1.97	119	324	3.8	NM
5.21	13	505	0.41	101	306	1.2	NM
6.00	22	506	0.63	173	378	0.8	NM
5.58	31	513	5.89	-4	201	0.5	NM
5.26	24	499	2.35	313	518	2.5	NM

5.51	7	470	0.48	301	506	1.0	NM
3.40	14	466	1.37	90	295	0.4	NM
4.92	16	460	0.25	87	292	1.4	NM
6.22	22	483	0.29	280	485	0.9	NM
9.50	21	468	1.27	181	386	2.5	NM
3.50	17	643	0.20	-226	-21	2	1.5
3.73	19	638	0.54	273	478	0.97	NM
5.02	17	640	0.20	-135	70	1.3	1.5
4.41	22	689	0.35	-140	65	0.75	NM
5.84	14	692	0.43	-101	104	1.86	NM
6.01	12	721	0.25	-146	59	1.99	NM
5.76	15	721	0.31	-82	123	0.35	NM
5.30	19	747	0.61	33	238	0.7	NM
3.54	13	730	0.37	-139	66	1.7	NM
0.36	14	704	0.20	-97	108	0.5	NM
3.84	17	674	0.46	119	324	0.2	NM
40.15	18	645	0.30	-141	64	3.5	2.5
40.70	21	604	0.30	-85	120	6.07	2.5
40.25	15	587	0.36	-78	127	3.33	5
39.95	10	590	0.57	-56	149	2.15	2.5
39.40	17	626	0.31	-48	157	2.2	NM
NM	NM	NM	NM	NM	NM	NM	NM
39.60	16	654	0.61	-3	202	5.1	NM
39.39	19	646	0.18	-49	156	8.5	6
39.39	19	646	0.18	-49	156	8.5	6
39.53	19	633	0.26	-101	104	8.68	NM
39.53	19	633	0.26	-101	104	8.7	NM
39.68	15	630	0.95	-14	191	7.97	NM
39.68	15	630	0.95	-14	191	8.0	NM
39.80	15	613	0.75	-41	164	2.1	NM
39.71	16	612	1.98	54	259	3.68	NM
39.88	14	627	1.14 S	-35	170	5.4	NM
39.98	18	643	0.51	42	247	0.46	1.5
40.05	17	627	0.64	-14	191	0.5	NM
39.83	18	649	0.55	1	206	1.51	NM
39.83	18	649	0.55	1	206	1.5	NM
40.02	18	640	1.02	60	265	2.8	NM
40.40	16	641	0.71	41	246	2.19	NM
40.56	17	645	0.80	41	246	0.9	NM
40.56	17	645	0.80	41	246	0.9	NM
40.41	16	612	0.50	45	250	2.21	NM
40.44	17	628	1.10	49	254	2.3	NM
40.33	18	602	2.21	93	298	3.8	NM
39.64	17	603	1.01	148	353	0.8	NM
39.51	15	617	1.19	59	264	3.6	NM

38.50	15	616	0.57	228	433	1.8	NM
38.28	17	640	1.28	178	383	1.0	NM
38.66	17	570	1.46	196	401	2.2	NM
39.20	16	562	1.16	225	430	1.1	NM
48.49	20	662	0.80	-128	245	4	NM
49.47	18	638	0.10	-77	128	29.1	1.5
50.32	15	631	0.48	-106	99	6.28	3
49.95	7	618	0.88	70	275	6.18	0.5
47.00	16	630	0.52	-115	90	8.75	NM
46.15	20	653	0.58	-108	97	9.5	0.5
46.55	21	644	0.33	-195	10	8.78	NM
47.82	16	610	0.60	-95	110	5.88	1
48.22	17	650	0.38	-83	122	3.75	0.5
48.15	19	644	0.54	-71	134	3.66	1.5
46.58	20	632	0.53	-39	166	8.01	NM
49.03	15	619	0.89	-88	117	9.4	NM
50.25	12	632	0.46	-88	117	6.8	NM
50.97	15	637	0.31	-48	157	4.45	NM
50.27	19	638	1.83	-74	131	3.8	NM
48.85	15	644	0.30	-62	143	2.1	NM
42.09	22	652	0.99	-67	138	2.2	NM
46.89	16	616	0.67	162	367	1.3	NM
46.52	16	441	5.64	61	266	227	0
47.05	13	440	2.57	107	312	27.8	0
47.80	12	45	3.14	187	392	12.7	NM
9.61	24	564	0.40	-163	253	10.4	<0.5
11.66	21	497	0.50	-159	46	3	0
9.05	14	430	0.27	-153	52	2.19	0
7.74	10	429	0.49	50	255	2.26	0
7.65	16	481	0.34	-199	6	7.3	NM
8.00	14	486	0.60	-147	58	7.2	NM
8.28	20	472	0.23	-202	4	2.15	0.5
8.28	20	472	0.23	-202	4	2.2	0.5
9.85	22	525	0.35	-230	-25	7.03	NM
9.85	22	525	0.35	-230	-25	7.0	NM
11.04	16	498	1.00	-58	147	4.66	NM
11.04	16	498	1.00	-58	147	4.7	NM
9.66	14	499	0.38	-93	112	6.1	NM
8.88	17	567	0.4 S	-119	86	4.16	NM
9.62	6	553	3.85	46	251	3.7	NM
9.80	14	524	0.98	-93	112	3.2	0.5
8.94	19	557	0.92	-108	97	2.9	NM
9.42	18	528	0.48	-102	103	3.12	NM
9.42	18	528	0.48	-102	103	3.1	NM
10.72	16	540	0.36	-123	82	2.9	NM

11.86	16	560	0.43	-121	84	1.79	NM
12.45	13	538	0.37	-77	128	1.7	NM
12.45	13	538	0.37 S	-77	128	1.7	NM
9.31	15	551	0.54	93	298	1.6	NM
9.45	18	581	0.66	-104	101	3.4	NM
9.27	31	559	0.93	102	307	2.0	NM
7.93	20	503	1.33	-69	136	0.6	NM
6.23	14	546	0.40	-137	68	2.1	NM
5.76	14	608	0.38	-84	121	1.4	NM
6.01	18	595	0.45	-32	173	2.6	NM
9.14	18	562	0.56	145	350	2.6	NM
11.24	19	556	0.82	163	368	2.2	NM
8.29	18	658	0.90	58	263	2.57	0
10.76	20	668	1.40	35	240	6.59	NM
8.02	14	624	1.94	35	240	0.74	0
6.63	10	617	1.18	151	356	3.29	0
7.02	14	647	1.80	50	255	0.7	NM
7.58	19	653	1.94	166	371	3.04	0
7.22	18	651	1.62	80	285	1.25	0
7.22	18	651	1.62	80	285	1.3	0
8.85	19	649	1.95	32	237	3.46	NM
8.85	19	649	1.95	32	237	3.5	NM
9.10	15	643	1.99	158	363	8.87	NM
9.10	15	643	1.99	158	363	8.9	NM
8.55	14	629	2.01	-25	180	2.8	NM
7.82	16	651	3.14 S	137	342	1.27	NM
8.98	13	626	2.50	118	323	6.0	NM
8.88	14	640	2.65	112	317	0.48	0
7.91	18	643	4.05	139	344	0.7	NM
8.36	17	638	2.16	104	309	0.74	NM
8.36	17	638	2.16 S	104	309	0.7	NM
9.69	16	624	2.28	100	305	0.7	NM
10.92	16	660	2.12	142	347	0.63	NM
11.59	13	660	5.03	33	238	0.6	NM
11.59	13	660	5.03 S	33	238	0.6	NM
8.21	15	636	2.40	125	330	0.8	NM
7.33	17	650	2.74	97	302	0.8	NM
8.51	26	651	2.44	304	509	0.9	NM
6.72	20	640	1.27	137	342	0.5	NM
5.02	14	615	1.38	67	272	1.5	NM
4.44	14	642	2.85	11	216	0.9	NM
4.79	16	675	2.85	226	431	1.2	NM
8.06	18	649	2.32	167	372	1.9	NM
10.29	18	611	1.79	168	373	4.9	NM
30.14	19	504	0.50	-61	144	1	NM

30.46	19	508	1.91	309	514	7.29	NM
31.97	18	532	0.30	0	205	3.92	0.5
31.59	17	500	0.54	37	242	3.88	0
30.73	13	484	0.59	105	310	2.8	0
29.77	17	503	0.44	42	247	2.5	NM
29.36	18	502	0.63	0	205	5.7	NM
30.47	18	495	0.22	39	244	7.0	NM
31.00	16	512	0.43	57	262	2.36	NM
31.00	16	512	0.43	57	262	2.4	NM
31.41	16	486	0.33	-30	175	0.8	NM
31.20	15	481	1.12 S	-22	183	0.6	NM
30.87	18	480	0.46	-16	189	0.4	NM
30.10	18	481	0.36	75	280	1.13	NM
30.10	18	481	0.36	75	280	1.1	NM
31.24	19	487	0.71	98	303	0.4	NM
32.34	17	497	0.89	44	249	1.77	NM
33.17	17	510	0.22	-68	137	0.6	NM
33.17	17	510	0.22	-68	137	0.6	NM
31.92	16	485	0.36	-16	189	0.91	NM
31.18	20	475	0.64	-7	198	0.8	NM
31.00	18	472	0.48	-44	161	0.8	NM
30.26	20	478	0.36	118	323	0.2	NM
29.39	15	461	0.59	69	274	3.2	NM
28.00	14	451	0.45	125	330	1.5	NM
28.41	16	475	0.36	201	406	1.1	NM
28.63	23	493	0.36	145	350	1.0	NM
30.90	17	466	0.55	212	417	0.9	NM
37.95	27	640	2.00	121	235	5.21	0
39.69	23	631	0.60	10	215	6.16	0
38.30	14	604	0.24	-52	153	9.87	<0.5
37.74	14	591	0.28	16	221	5.13	0.75
37.60	15	616	0.12	-158	47	9.94	NM
37.37	17	637	0.27	-70	135	6.1	NM
37.30	19	622	0.27	-111	94	5.6	1
37.30	19	622	0.27	-111	94	5.6	1
38.41	20	639	0.26	-193	12	8.71	NM
8.41	20	639	0.26	-193	12	8.7	NM
38.05	17	646	1.11	-103	103	8.16	NM
38.05	17	646	1.11	-103	103	8.2	NM
37.85	14	619	0.41	-45	160	2.8	NM
37.33	16	652	1.79	-20	185	4.34	NM
37.59	6	652	0.98	-40	165	5.5	NM
37.30	18	636	0.96	2	207	1.23	0
37.15	20	634	0.69	-71	134	0.8	NM
37.35	23	636	0.90	-49	156	1.2	NM

37.35	23	636	0.90	-49	156	1.2	NM
37.99	19	619	0.80	-25	180	1.3	NM
38.41	17	609	0.59	-37	168	1.96	NM
38.24	18	641	0.86	65	270	0.9	NM
38.24	18	641	0.86	65	270	0.9	NM
37.39	13	616	0.75	-40	165	0.62	NM
37.45	21	642	1.04	35	240	1.0	NM
37.65	19	628	0.89	-14	191	1.4	NM
36.88	19	608	0.77	162	367	0.6	NM
36.21	15	616	0.35	15	220	1.8	NM
35.83	13	605	1.09	147	352	0.9	NM
35.46	21	634	0.95	117	322	1.0	NM
36.76	19	633	1.13	185	390	0.6	NM
37.74	18	600	1.05	66	271	1.1	NM
46.22	18	784	0.40	-232	-27	9.6	0
46.29	18	802	1.26	22	227	4.33	NM
47.15	18	739	0.30	-200	5	6.55	0
47.52	15	746	0.13	-190	15	7.64	1
47.05	14	757	0.22	-127	78	5.56	1
45.44	14	765	0.18	30	235	4.68	NM
45.26	15	768	0.20	-231	-26	9.8	NM
44.95	19	864	0.28	-106	99	9.25	0
44.95	19	864	0.28	-106	99	9.3	0
45.27	18	644	0.13	-345	-140	5.88	NM
45.27	18	644	0.13	-345	-140	5.9	NM
NM	15	807	0.24	-163	42	1.26	NM
NM	15	807	0.24	-163	42	1.3	NM
46.28	14	734	0.27	-158	48	7.4	NM
46.11	16	771	1.86 S	-160	45	0.88	NM
46.11	13	764	0.28	-100	105	2.5	NM
46.37	17	796	0.35	-178	27	0.57	0
46.07	18	783	0.57	-154	51	1.2	NM
45.64	19	812	0.11 S	-168	37	0.55	NM
45.64	19	812	0.11 S	-168	37	0.6	NM
46.26	16	767	0.13	-195	10	0.3	NM
47.11	16	731	0.17	-218	-13	0.27	NM
48.00	14	786	0.14	-180	25	0.5	NM
48.00	14	786	0.14 S	-180	25	0.5	NM
48.35	14	796	0.17	-175	30	2.7	NM
48.10	17	799	0.15	-210	-5	1.0	NM
48.09	17	796	0.03	-102	103	7.1	NM
47.41	18	800	0.20	-134	71	1.4	NM
46.60	14	810	0.36	-189	16	3.5	NM
44.31	14	801	0.30	106	311	6.2	NM
42.46	16	810	0.51	-110	95	2.1	NM

43.08	16	754	0.56	149	354	1.5	NM
44.93	17	704	0.14	-178	27	13.1	NM
45.58	20	1216	2.20	-91	114	3.13	0
45.88	20	1933	2.00	7	212	5.81	NM
46.71	19	910	0.70	-13	192	13.1	0
47.45	17	1049	3.15	28	233	7.16	0
47.07	16	1055	1.23	-24	181	1.25	NM
45.14	20	964	1.70	-63	143	2.6	NM
44.72	17	945	2.13	-97	109	6.43	0.5
44.71	18	857	2.95	-121	84	9.71	0.5
44.71	18	857	2.95	-121	84	9.7	0.5
44.99	19	961	1.38	-191	14	2.44	NM
44.99	19	961	1.38	-191	14	2.4	NM
45.20	15	842	2.95	-169	36	9.26	NM
45.20	15	842	2.95	-169	36	9.3	NM
45.87	15	1019	1.10	-130	75	0.8	NM
45.80	15	998	2.47 S	-46	159	0.63	NM
45.70	13	992	1.00	-42	163	1.8	NM
46.19	17	1080	0.67	-50	155	0.77	0
45.71	18	919	2.09	-90	115	1.5	NM
45.36	19	929	1.05 S	-107	98	0.76	NM
45.36	19	929	1.05 S	-107	98	0.8	NM
45.84	16	953	0.85	-80	125	0.8	NM
46.65	16	1027	1.05	-50	155	0.56	NM
47.56	14	1023	1.17	-37	168	1.3	NM
47.56	14	1023	1.17 S	-37	168	1.3	NM
48.05	14	952	1.72	-55	150	0.7	NM
47.80	18	1004	1.49	36	241	3.1	NM
47.75	18	969	1.80	77	282	2.5	NM
47.16	17	925	0.84	41	246	1.8	NM
46.70	13	918	0.68	-46	159	1.3	NM
44.16	14	853	1.61	116	321	0.8	NM
42.36	17	858	1.54	196	401	1.7	NM
42.80	17	819	1.15	159	364	1.4	NM
44.52	16	827	2.27	191	396	0.8	NM
37.58	18	616	0.18	-140	65	6.34	NM
37.70	18	634	0.18	-181	24	9.08	2.5
38.67	17	648	0.15 S	-113	92	7.18	NM
38.68	16	710	0.27	-337	-132	3.8	4.5
38.42	16	767	0.09	-114	91	2.64	3
38.68	16	714	0.20	-121	84	1.81	3
38.16	18	712	0.07	154	359	6.84	NM
39.49	16	783	0.19	-146	59	3.76	NM
39.76	15	787	0.30	-120	85	2.55	NM
38.48	16	801	0.07	-131	74	3.63	NM

38.35	17	786	0.39	-95	110	1.5	NM
36.33	15	794	0.14	-81	124	4.9	NM
35.20	16	821	0.62	-110	95	2.2	NM
38.23	16	801	0.30	117	322	1.5	NM
47.15	18	2531	0.34	-1	204	4.0	NM
48.01	19	2548	0.31	-8	197	0.5	NM
48.49	19	2667	0.09	231	436	0.7	NM
49.02	17	2831	0.22	1	206	1.9	NM
47.98	18	2870	0.68	-84	121	7.5	NM
48.77	18	2522	0.29	-34	171	1.9	NM
49.19	18	3410	0.11	152	357	1.8	NM
49.51	18	2484	0.20	-62	143	1.3	NM
50.76	18	7130	0.30	-30	175	9.7	NM
51.63	19	6116	0.54	-28	177	4.0	NM
52.11	28	6175	0.53	78	283	8.9	NM
52.87	18	6118	0.20	-97	108	5.1	NM
16.15	17	1374	0.72	-122	83	1.9	NM
17.01	21	1394	0.22	-99	106	1.0	NM
17.43	22	1385	0.26	109	314	0.5	NM
18.15	18	1180	0.34	-118	87	0.8	NM
16.38	18	1687	0.67	-137	68	9.8	NM
16.82	18	1833	0.21	-127	78	9.3	NM
17.37	18	1997	0.16	139	344	2.7	NM
18.06	17	2180	0.16	-178	27	8.3	NM
16.81	17	2592	0.40	-36	169	9.0	NM
17.03	19	3216	0.23	-100	105	9.8	NM
17.59	19	2218	0.26	66	271	46.4	NM
18.30	17	2681	0.45	-152	53	7.1	NM
Artesian	17	319	0.50	-73	132	0.27	NM
Artesian	16	287	0.22	-85	120	0.4	NM
Artesian	16	321	0.21	-124	81	3.78	0
Artesian	16	329	0.15	-31	174	1.15	0
Artesian	15	338	0.16	45	250	0.27	0
Artesian	15	363	0.10	-52	153	1.06	NM
Artesian	18	367	0.23	-5	200	0.54	NM
Artesian	17	362	0.17	49	254	0.78	NM
Artesian	15	363	0.39	-39	166	0.32	NM
Artesian	15	376	1.50	-5	200	0.67	NM
Artesian	14	389	1.86	149	354	0.71	NM
Artesian	17	396	4.65	1	206	1.0	NM
Artesian	14	474	0.41	113	318	3.9	NM
Artesian	14	392	0.77	98	303	0.2	NM
0.00	16	569	0.56	240	445	1.5	NM
Artesian	17	399	0.68	95	300	1.0	NM
0.00	16	383	0.36	159	364	1.7	NM

124.21	20	527	3.86	-67	138	9.67	NM
139.04	26	487	5.88	-63	142	9.58	NM
51.61	23	593	2.17	71	276	7.3	NM
47.80	19	611	1.90	99	304	9.8	NM
47.70	13	825	0.43	6	211	8.5	NM
45.67	13	976	0.59	240	445	1.0	NM
44.90	18	1226	0.23	-105	100	1.9	NM
45.19	21	1498	0.14	23	228	0.5	NM
46.31	19	1573	0.23	152	357	0.7	NM
16.84	20	1101	1.64	33	238	7.88	0
17.35	22	1199	0.37	54	259	3.01	NM
19.58	19	1169	0.48	47	252	2.65	0.5
18.64	13	1178	0.56 S	-368	-163	5.52	1
17.90	19	1210	0.36	42	247	1.01	1.5
19.20	20	1053	1.11	-141	64	1.96	1
19.80	24	1346	0.43	63	268	3.53	NM
21.04	13	1274	0.48	110	315	9.08	NM
20.98	14	1282	0.56	42	247	1.53	NM
18.34	16	12	0.32	6	211	6.95	NM
19.27	25	1332	0.64	164	369	1.1	NM
14.04	11	1277	0.47	51	256	6.0	NM
16.34	26	1120	0.35	34	239	1.0	NM
20.81	20	1245	0.32	206	411	1.7	NM
35.97	22	1407	0.68	-111	94	6.05	NM
16.73	17	2175	1.51	43	248	8.04	0
17.81	19	2434	0.53	87	292	3	0
19.13	18	2099	0.33	111	316	3.9	0.5
18.39	15	2323	0.27 S	-365	-160	8.58	0
17.81	18	2450	0.26	165	370	3.23	0
19.33	18	1300	0.50	-130	76	2.73	<0.5
19.63	21	2300	0.18	72	277	0.76	NM
20.46	16	2071	0.18	146	351	5.06	NM
20.39	15	2190	0.24	72	277	0.45	NM
18.02	17	2481	0.23	46	251	0.37	NM
18.58	20	2141	0.42	181	386	2.1	NM
14.44	12	1350	0.27	80	285	4.1	NM
16.50	23	1211	0.14	64	269	0.9	NM
20.11	21	1622	0.34	219	424	0.5	NM
47.63	17	414	0.22	-64	141	4.98	NM
48.50	18	9449	0.17	-226	-21	8.1	0
49.52	18	8880	0.29	-116	89	2.68	NM
50.09	16	3966	0.17	-95	110	9.36	0
4.54	15	520	0.29	-32	173	9.85	NM
3.85	17	496	0.32	-59	146	9.9	<0.5
15.52	22	444	0.43	40	245	2.98	NM

17.34	16	425	0.48	-14	191	5.7	NM
17.51	12	421	0.47	-27	178	3.07	NM
15.71	16	418	0.38	30	235	4.21	NM
14.35	19	398	0.73	23	228	3.0	NM
10.10	16	399	0.23	35	240	2.7	NM
7.74	14	411	0.94	59	264	0.4	NM
6.25	17	414	0.57	184	389	0.7	NM
5.23	22	418	0.25	173	378	1.6	NM
11.81	18	400	0.28	154	359	0.3	NM
41.15	17	474	0.26	-98	107	9.05	NM
39.48	17	499	0.29	-116	89	9.39	0
40.48	18	479	0.53	-92	113	9.6	NM
40.35	15	500	0.56	-131	74	9.2	0.5
39.80	13	463	0.36	-141	64	9.43	0.5
40.02	18	488	0.40	-176	29	9.69	<0.5
40.54	19	485	0.53	155	360	20.6	NM
42.14	16	469	0.34	-127	78	9.89	NM
41.71	12	487	0.56	-128	77	9.66	NM
40.41	15	489	0.71	-154	51	8.69	NM
40.95	21	471	1.69	-87	118	6.1	NM
40.09	14	465	0.19	-220	-15	2.9	NM
38.91	20	661	0.15	-276	-71	2.7	NM
41.68	17	469	0.24	18	223	0.9	NM
50.57	17	854	0.35	-47	158	6.64	NM
50.82	17	963	0.21	-108	97	8.99	0.5
50.94	17	948	0.25	-61	144	7.55	NM
50.76	16	982	0.23	-68	137	7.04	0.5
50.65	14	977	0.19	30	235	9.23	1
50.45	18	978	0.14	-90	115	3.73	1
49.60	17	968	0.26	140	345	7.93	NM
49.32	17	933	0.23	-65	140	5.6	NM
49.07	12	977	0.45	-85	120	5.72	NM
48.35	15	971	0.18	-99	106	9.15	NM
48.11	19	971	0.67	-86	119	1.4	NM
45.66	15	950	0.45	-43	162	2.7	NM
37.74	17	724	0.48	18	223	7.72	NM
36.99	20	892	0.24	-96	110	6.6	0.5
38.53	18	851	0.33	-68	137	9.05	NM
38.15	13	846	0.61	-63	142	8.86	1.5
37.64	15	876	0.15	-89	116	2.73	NM
37.94	18	867	0.31	-116	89	5.32	NM
38.55	18	878	0.32	148	353	7.73	NM
39.45	14	862	0.52	-102	103	5.29	NM
38.32	13	884	0.36	-96	109	4.19	NM
35.94	14	887	0.37	-109	96	6.96	NM

36.55	18	877	1.12	-100	105	3.1	NM
35.32	14	867	2.18	-68	137	5.9	NM
34.64	17	897	0.99	-75	130	2.0	NM
37.73	16	862	1.15	216	421	2.6	NM
32.91	15	783	0.54	-16	189	2.1	NM
31.53	15	850	0.58	-131	74	8.53	<0.5
31.52	23	751	0.33	-17	188	2.38	NM
37.77	15	842	0.31	-121	84	5.49	NM
37.65	15	886	0.26	-99	106	3.08	NM
31.10	15	893	0.40	16	221	9.16	NM
32.49	23	927	0.93	77	282	2.5	NM
29.89	14	961	0.38	109	314	2.0	NM
27.71	17	928	0.20	-148	57	1.7	NM
36.10	17	922	0.40	-60	145	0.9	NM
87.36	14	509	5.79	13	218	3.74	NM
60.03	21	555	0.46	12	217	8.71	0
60.30	20	566	0.39	-37	168	9.9	NM
60.40	13	654	0.51	-134	71	9.44	NM
60.97	11	657	0.36	-78	127	9.8	NM
59.39	14	675	0.44	-44	161	9.16	NM
60.12	20	683	1.07	-195	10	9.9	NM
57.28	14	712	0.21	-136	69	4.2	NM
55.84	17	753	0.20	-240	-35	6.7	NM
59.46	15	783	0.62	183	388	0.6	NM
41.21	17	509	2.34	-13	192	2.64	NM
40.53	16	542	0.30	-21	184	1.87	<0.5
39.85	21	544	0.25	39	244	6.66	NM
43.46	15	533	0.45	-87	118	9.48	NM
44.28	13	517	0.32	-68	137	3.75	NM
42.00	14	514	0.24	-12	193	6.8	NM
41.78	17	392	0.74	-75	130	2.0	NM
37.83	15	486	1.70	-58	147	2.3	NM
35.45	14	485	0.55	167	372	0.8	NM
34.54	17	515	0.47	45	250	2.0	NM
39.25	17	507	0.80	150	355	1.8	NM
43.30	16	487	0.85	180	385	0.4	NM
64.40	16	818	0.61	-23	182	3.64	NM
63.91	17	805	0.08	-68	137	2.16	1
64.32	18	768	0.26	26	231	5.29	NM
64.60	16	775	0.17	-74	131	4.2	NM
64.09	14	777	0.38	-52	153	1.94	NM
64.21	15	782	0.22	13	218	2	NM
64.13	17	773	1.60	-46	159	2.7	NM
63.30	15	782	0.34	-42	163	2.5	NM
64.29	15	774	0.34	175	380	2.1	NM

64.15	16	804	0.40	-126	79	1.6	NM
64.25	19	803	0.36	33	238	1.8	NM
64.42	16	774	0.38	148	353	0.8	NM
81.44	18	659	0.68	2	207	9.33	0
38.65	18	678	0.58	23	228	3.15	0
39.97	19	680	0.35	-25	180	7.96	NM
40.85	16	681	0.16	29	234	7.42	NM
40.31	15	682	0.18	7	212	7.54	NM
38.68	17	682	0.30	24	229	4.7	NM
39.82	19	663	0.58	-18	187	2.1	NM
36.85	16	681	0.57	31	236	1.3	NM
37.67	17	675	0.48	130	335	0.5	NM
40.20	17	702	0.59	56	261	0.8	NM
42.71	18	859	0.61	-71	134	6.56	0
40.76	17	836	0.88	-2	203	2.96	0
40.97	21	809	0.86	-167	38	7.64	NM
42.09	14	828	0.59	-145	60	2.41	NM
42.14	11	908	1.19	-125	80	7.89	NM
41.53	16	880	0.23	-122	83	2.61	NM
41.45	19	901	0.48	-191	14	1.6	NM
40.80	14	934	2.01	-142	63	1.9	NM
39.11	14	951	0.22	162	367	4.1	NM
37.88	16	994	0.28	-52	153	1.7	NM
38.84	17	664	0.32	-195	10	0.4	NM
40.82	16	1013	0.49	-83	122	1.4	NM
64.70	15	1016	1.39	10	215	79.7	NM
63.09	14	1751	6.40	-5	200	2.35	0
62.94	18	580	1.53	-34	171	46.4	NM
64.53	16	584	3.02	2	207	16.8	NM
64.85	12	752	3.74	3	208	29.9	NM
65.12	17	2152	0.56	-152	53	3.21	NM
64.09	25	4958	1.91	-194	11	2.8	NM
62.35	14	5663	2.62	-213	-8	1.6	NM
59.50	16	6157	0.82	-13	192	0.6	NM
57.86	19	7707	0.49	-131	74	0.5	NM
59.16	18	8156	0.41	-250	-45	1.5	NM
60.82	18	8713	2.51	-104	101	1.2	NM
25.70	21	1390	0.48	96	301	7.1	NM
26.47	25	1527	2.36	-124	81	6.9	NM
26.75	26	1535	0.31	-172	33	3.0	NM
27.82	21	1535	0.42	-86	119	2.8	NM
24.06	21	1515	0.61	134	339	1.5	NM
24.86	25	1565	1.49	21	226	9.8	NM
25.05	29	1585	0.43	68	273	0.6	NM
26.12	21	1571	0.22	23	228	1.3	NM

8.46	19	1052	0.45	125	330	9.9	NM
9.24	23	945	1.31	-18	187	4.9	NM
9.76	28	899	0.30	-272	-67	1.1	NM
10.63	19	785	0.13	-71	134	1.9	NM
4.62	17	1764	1.83	169	374	1.6	NM
5.47	23	1805	0.26	61	266	5.2	NM
6.08	25	1785	0.33	120	325	2.2	NM
6.97	19	1739	0.16	94	299	3.1	NM
2.24	17	1611	5.74	191	396	9.8	NM
3.09	29	1667	0.74	90	295	9.4	NM
3.70	26	1679	0.82	134	339	0.9	NM
4.63	21	1643	0.59	141	346	1.9	NM
5.52	16	1998	0.50	188	393	9.4	NM
5.94	25	1999	0.29	42	247	1.4	NM
6.75	26	1986	2.84	-177	28	2.0	NM
7.54	20	1994	0.31	164	369	0.7	NM
4.43	16	2247	0.31	171	376	9.8	NM
4.68	25	2220	0.23	57	262	1.9	NM
5.40	22	2214	3.41	-63	142	1.3	NM
5.81	21	2230	0.30	152	357	1.0	NM
4.35	14	1367	2.37	84	289	3.8	NM
4.52	21	971	0.22	-12	193	20.0	NM
5.33	21	1010	3.54	22	227	31.5	NM
6.43	17	845	7.42	148	353	16.5	NM
0.92	14	926	1.80	134	339	6.5	NM
1.44	24	976	0.77	113	318	9.4	NM
2.15	23	1086	1.76	133	338	8.2	NM
3.92	17	1048	0.35	145	350	3.1	NM
0.72	14	1230	5.92	190	395	9.8	NM
1.15	27	1340	0.74	116	321	1.2	NM
1.85	32	1374	3.09	72	277	3.2	NM
3.62	15	1365	1.30	164	369	1.5	NM
62.02	14	1030	1.25	46	251	7.5	NM
63.18	20	517	0.17	83	288	3.2	NM
63.71	16	10411	0.75	-116	89	5.4	NM
29.70	15	276	5.23	244	449	3.3	NM
33.95	20	316	5.17	274	479	5.3	NM
35.54	21	228	4.08	174	379	0.5	NM
38.94	14	256	3.41	173	378	2.9	NM
42.89	NM	NM	NM	NM	NM	NM	NM
44.07	NM	NM	NM	NM	NM	NM	NM
15.22	NM	NM	NM	NM	NM	NM	NM
16.62	NM	NM	NM	NM	NM	NM	NM
NM	16	505	4.01	NM	NM	<1	NM
NM	NM	NM	NM	NM	NM	NM	NM

NM	17	640	NM	NM	NM	<1	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	15	542	5.40	NM	NM	<0.4	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	13	400	4.72	NM	NM	<1	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	22	261	4.12	NM	NM	<1	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	13	594	2.20	NM	NM	<1	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	19	199	3.90	NM	NM	<1	NM
NM	17	271	2.20	NM	NM	<1	NM
NM	22	276	3.60	NM	NM	1.4	NM
NM	23	453	0.30	NM	NM	1.6	NM
NM	19	154	4.90	NM	NM	<1	NM
NM	22	184	3.80	NM	NM	1.5	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	1.3	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	0.6	NM
NM	16	271	3.40	135	340	0.6	NM
NM	16	490	1.10	136	341	0.5	NM
NM	15	193	2.00	NM	NM	1.2	NM
NM	21	132	5.50	NM	NM	1.7	NM
NM	21	185	2.90	NM	NM	13.7	NM
NM	15	231	1.20	NM	NM	1.7	NM
NM	17	145	4.20	NM	NM	0.4	NM
NM	15	295	2.70	NM	NM	<1	NM
NM	15	318	1.00	NM	NM	<1	NM
NM	19	631	0.61	NM	NM	6.2	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	17	462	1.20	NM	NM	<1	NM
NM	14	325	4.50	NM	NM	<1	NM
NM	15	213	2.00	NM	NM	<1	NM
NM	13	230	4.10	NM	NM	<1	NM
NM	15	179	3.60	100	305	1.1	NM
NM	16	306	1.70	27	232	<1	NM
NM	23	470	3.42	NM	NM	<1	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	21	662	0.89	NM	NM	8.9	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	23	145	5.07	NM	NM	<1	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	24	647	0.95	NM	NM	7.4	NM

NM	NM	NM	NM	NM	NM	NM	NM
NM	18	799	2.14	NM	NM	<1	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	17	188	2.40	NM	NM	<1	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	2.6	NM
NM	NM	NM	NM	NM	NM	<0.5	NM
NM	NM	NM	NM	NM	NM	<0.5	NM
NM	NM	NM	NM	NM	NM	1	NM
NM	NM	NM	NM	NM	NM	3	NM

FIELD PARAMETERS							
9.63	20	1573	0.57	226	431	6.1	NM
33.27	18	4232	0.80	-145	60	1.38	3.5
15.68	18	684	0.52	-38	168	3.22	0.5
36.78	17	505	5.88	68	273	8.68	NM
36.00	18	534	6.52	128	333	5.5	NM
37.62	13	537	6.09	252	457	4.2	NM
37.55	16	1030	0.06	-130	75	32.3	NM
25.74	16	1141	0.34	140	345	1.5	NM
7.57	19	1550	1.50	55	260	0.9	NM
7.63	21	1600	0.43	238	443	0.9	NM
16.79	18	630	1.05	7	212	2.3	NM
33.10	17	2097	1.03	41	246	0.4	NM
11.04	17	1884	0.23	125	330	2.2	NM
11.68	20	1758	3.17	102	307	1.7	NM
13.05	16	1654	0.43	95	300	0.6	NM
35.24	15	5426	0.96	150	355	4.3	NM
24.27	16	3136	0.54	-19	186	1.1	NM
4.32	22	1315	0.21 S	-75	130	7.6	NM
14.76	17	4497	0.61	164	369	1.4	NM
23.00	17	10322	0.50	139	344	9.7	NM
22.90	19	10313	0.24	61	266	8.3	NM
23.35	18	9976	0.29	163	368	5.2	NM
22.08	17	8845	0.21	211	416	1.4	NM
14.88	19	780	0.17	-36	169	4.1	NM
16.10	15	1183 S	0.22	30	235	9.7	NM
36.88	16	1275	0.25	183	388	8.0	NM
49.06	14	675	2.37	119	324	0.6	NM
48.37	19	719	2.09	77	282	0.1	NM
48.06	18	732	4.11	297	502	1.6	NM
5.50	21	631	0.67	-20	185	2.3	NM
6.12	19	616	0.11	31	236	1.2	NM
31.01	18	574	0.94	120	325	0.6	NM

30.76	16	552	0.80	126	331	1.7	NM
19.95	18	607	4.86	24	229	2.7	NM
24.32	15	506	4.80	292	497	3.3	NM
21.30	21	510	5.44	175	380	5.6	NM
12.92	17	509	4.39	-78	127	1.38	NM
14.45	15	559	1.62	133	338	0.39	NM
12.91	18	588	4.16	41	246	1.23	NM
12.82	16	611	4.30	365	570	0.86	NM
12.70	15	628	4.27	133	338	0.56	NM
13.56	19	637	2.31	70	275	8.87	NM
13.21	15	661	4.09	293	498	1.21	NM
13.70	23	663	3.50	285	490	1.7	NM
12.10	15	852	2.55	507	712	1.7	NM
5.22	22	1000	2.30	-107	98	1.03	NM
5.55	18	955	2.78	-39	166	0.88	NM
4.85	12	220	0.60	259	464	15	NM
5.19	19	947	2.87	232	437	1.36	NM
4.74	19	886	2.50	140	345	1.31	NM
4.78	18	516	0.40	-47	158	38.7	NM
4.80	19	786	2.19	170	375	0.36	NM
5.43	18	869	3.07	177	382	1.45	NM
5.43	18	869	3.07	177	382	1.45	NM
5.49	14	629	2.27	166	371	5.13	NM
5.23	15	223	0.31	10	215	17.5	NM
5.44	20	817	2.88	73	278	0.95	NM
5.69	17	867	2.54	77	282	1.71	NM
4.95	11	533	1.56	104	309	37.1	NM
4.23	14	481	0.30	107	312	5.8	NM
6.07	18	664	1.84	207	412	0.5	NM
29.31	18	581	2.45	-41	164	9.31	NM
29.36	16	606	1.20	59	264	2.49	NM
27.90	13	616	1.75	570	775	4.1	NM
9.69	20	1105	4.46	154	359	0.9	NM
NM	NM	NM	NM	NM	NM	NM	NM
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NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
27.45	16	597	0.16	-58	147	4.0	NM
24.49	14	559	0.49	-43	162	9.0	NM
NM	NM	NM	NM	NM	NM	NM	NM
25.65	20	628	0.13	186	391	2.6	NM
21.76	18	1173	2.96	-64	141	1.49	NM
21.55	18	1552	0.79	13	361	2.48	NM
24.03	16	1470	0.48	114	319	5.96	NM
21.72	19	1581	0.36	305	510	5.84	NM
18.55	16	1701	0.27	310	515	4.3	NM
25.40	17	1535	0.49	234	439	2.3	NM
44.09	18	1572	2.24	-38	167	4.11	NM
24.85	18	130	6.54	131	336	1.4	NM
21.56	17	177	6.20	221	426	1.74	NM
24.01	18	171	6.17	143	348	0.28	NM
20.45	16	230	6.12	266	471	0.47	NM
22.85	15	155	7.30	136	341	1.24	NM
23.49	19	158	6.90	68	273	1.21	0
23.49	19	158	6.90	68	273	1.21	NM
22.70	16	124	6.92	4	209	0.7	NM
22.66	18	139	5.99	158	363	0.7	NM
23.75	16	132	7.21	211	416	5.46	NM
21.56	18	155	7.26	204	409	7.9	NM
16.32	16	137	8.77	196	401	0.9	NM

15.92	16	185	7.04	173	378	2.8	NM
18.42	16	180	7.93	152	357	1.3	NM
32.70	16	240	4.45	171	376	4.47	NM
30.90	17	252	4.50	256	461	7.4	NM
29.53	17	276	3.20	269	474	1.95	NM
21.73	17	713	2.94	-47	158	3.82	NM
18.72	15	860	3.30	290	495	3.9	NM
20.01	13	1476	1.12	303	508	8.54	NM
22.53	20	2059	0.57	159	364	0.4	NM
21.26	16	1771	0.33	-12	193	1.3	NM
22.75	22	1946	0.24	-71	134	1.0	NM
24.08	17	2316	2.39	-69	136	1.56	NM
24.86	20	2340	0.40	-14	191	2.58	NM
22.45	14	2290	0.23	-24	181	4.5	NM
25.55	15	1489	0.19	-137	68	2.48	NM
25.05	19	1648	0.37	98	303	0.6	NM
14.65	20	2105	0.29	16	221	9.8	0.5
25.44	21	2424	0.70	31	236	3.5	0
8.78	20	410	0.30	-198	7	2.9	0
7.54	20	417	0.25	-171	34	2.68	1
30.57	13	305	0.26	80	285	5.97	0
23.80	14	570	0.34	129	334	0.65	0
0.36	14	704	0.20	-97	108	0.5	NM
40.15	18	645	0.30	-141	64	3.5	2.5
39.95	10	590	0.57	-56	149	2.15	2.5
39.60	16	654	0.61	-3	202	5.1	NM
39.39	19	646	0.18	-49	156	8.5	6
39.39	19	646	0.18	-49	156	8.5	6
39.80	15	613	0.75	-41	164	2.1	NM
40.44	17	628	1.10	49	254	2.3	NM
48.49	20	662	0.80	-128	209	4	NM
7.82	16	651	3.14 S	137	342	1.27	NM
31.00	16	512	0.43	57	262	2.4	NM
31.20	15	481	1.12 S	-22	183	0.6	NM
45.44	14	765	0.18	30	235	4.68	NM
44.31	14	801	0.30	106	311	6.2	NM
38.68	16	710	0.27	-337	-132	3.8	4.5
38.68	16	714	0.20	-121	84	1.81	3
47.15	18	2531	0.34	-1	204	4.0	NM
49.19	18	3410	0.11	152	357	1.8	NM
51.63	19	6116	0.54	-28	177	4.0	NM
Artesian	16	329	0.15	-31	174	1.15	0
Artesian	17	362	0.17	49	254	0.78	NM
Artesian	15	363	0.39	-39	166	0.32	NM
Artesian	15	376	1.50	-5	200	0.67	NM

Artesian	14	389	1.86	149	354	0.71	NM
0.00	16	383	0.36	159	364	1.7	NM
18.02	17	2481	0.23	46	251	0.37	NM
50.82	17	963	0.21	-108	97	8.99	0.5
49.32	17	933	0.23	-65	140	5.6	NM
48.35	15	971	0.18	-99	106	9.15	NM
36.55	18	877	1.12	-100	105	3.1	NM
64.13	17	773	1.60	-46	159	2.7	NM
63.30	15	782	0.34	-42	163	2.5	NM
81.44	18	659	0.68	2	207	9.33	0
38.65	18	678	0.58	23	228	3.15	0
39.82	19	663	0.58	-18	187	2.1	NM
36.85	16	681	0.57	31	236	1.3	NM
37.88	16	994	0.28	-52	153	1.7	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
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NM	NM	NM	NM	NM	NM	NM	NM
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NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
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NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM
NM	NM	NM	NM	NM	NM	NM	NM

WATER QUALITY PARAMETERS						SELE
mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**700**
244	**244**	**10**	**0.1**	**2.72**	**NE**	**50**
317	**317**	**367**	**0.1**	**3.6**	**NE**	**50**

WATER QUALITY PARAMETERS						SELE
Alkalinity	**Bicarbonate Alkalinity**	**Methane**	**Sulfide**	**Total Organic Carbon**	**Total Suspended Solids**	**Boron**
NM	NA	NA	NA	NA	NA	NA
83	67	2500	<0.5	9.1	5	**10000**
NM	NA	NA	NA	NA	NA	NA
86	69	2300	NA	10	<5	**11100**
89.3 M1,R1	<5	1960	1.39	10	<5	**11300**
NM	NA	1900	1.5	9.3	<5	**11400**
96.5	5.3	NA	NA	NA	<5	NA
94	<5	7340	0.14	8.3	<5	**12000**
110 M1	<5	8830 N2	1.2	7.9	<5	**11600**
88.9	<5	5030	4.4 M6	4	<5	**12900**
81.6	23.4	5100	2.2	7.5	<5	**12400**
89.9	18	NA	1.5	6.5	<5	**11600**
92.2	26.3	NA	0.98	7.4	<5	**10900**
100	<5	NA	1.2	7.2 B3	<5	**12300**
91.6	31.9	NA	0.58	6.3	<5	**12200**
93.5	6.7	NA	1.2	7	<5	**12200**
104	<5	NA	0.9	7.4	<5	**12800**
82.8	<5	NA	NA	3	NA	**12400**
94.5	<5	NA	NA	7.2	NA	**12600**
240	240	48	<0.1	0.511	5	176
NM	NA	NA	NA	NA	NA	NA
220	220	30	<0.1	0.472	<5	146
240	240	26.5	<0.1	0.5	<5	247
246 M1	246	22.6	<0.1	0.377	7	255
NM	NA	NA	NA	NA	5	NA
266	266	106	<0.1	0.563	<5	474
260	260	65.3 N2	<0.1	0.544	<5	461
261	261	64.5	<0.1	0.57	<5	547
260	260	53.2	<0.1	0.554	<5	488
274	274	NA	<0.1	<1	<5	499

269	269	NA	<0.1	0.446	<5	446
273	273	NA	<0.1	0.55	<5	455
286	286	NA	<0.1	0.519	<5	576
264	264	NA	<0.1	0.683	<5	549
246	246	NA	<0.1	0.51	<5	558
259	259	NA	NA	0.517 S1	NA	622
257	257	NA	NA	0.545	NA	700
100	99	27000	<0.5	8.7	25	**7720**
NM	NA	NA	NA	NA	NA	NA
22	22	23000	<0.1	8.3	<5	**7890**
90.2 M1	67	17000	<0.2	7.8	<3.1	**8100**
83.7	83.7	10800	<0.1	6.9	6	**7950**
112	112	66500	<0.1	10	5	**6040**
202	202	69000 N2	<0.1	13	38	**3270**
153	153	34800	<0.1	11	<5	**5650**
202	202	70000	<0.1	14	52	**1930**
188	188	NA	<0.1	13.4	41	**2530**
219	219	NA	<0.1	13	44	**2320**
119	119	NA	<0.1	12	<5	**5200**
116	116	NA	<0.1	11	<5	**5540**
123	121	NA	<0.1	9.8	<5	**6150**
185	185	NA	<0.1	12	9	**4870**
184	184	NA	NA	15	NA	**1430**
152	152	NA	NA	14	NA	**4220**
190	190	11	<0.1	1.3	15	<50
NM	NA	NA	NA	NA	NA	NA
200	<10	<10	0.159	3.3	100	<50
202	155	12.1	0.133	3.2	126	<50
145	145	13.9	<0.1	1.7	73	<50
180	125	1290	0.23	2.3	160	<50
237	237	217 N2	<0.1 M1	1.8	<5	<50
41.2	41.2	1150	6.4	1.4	<5	<50
232	232	334	0.25	1.3	<5	<50
237	237	NA	0.59	1.1	<5	<50
243	243	NA	0.99	1.2	<5	<50
238	238	NA	2.6	1.4	<5	<50
266	266	NA	0.27	1.1	<5	<50
243	243	NA	0.37	1.3	<5	<50
221	221	NA	0.5	1.3	<5	<50
224	224	NA	NA	1.1 S1	NA	<50
238	238	NA	NA	1.2	NA	<50
<10	<10	110	<0.1	0.4	<5	287
NM	NA	NA	NA	NA	NA	NA
14	14	410	<0.1	0.634	32	**1130**
<5	<5	679	<0.1	0.384	<5	643

<5	<5	516 N2	<0.1	0.254	<5	314
<5	<5	190 N2	<0.1	0.291	<5	258
<5	<5	400	<0.1	0.266	<5	256
<5	<5	NA	<0.1	<1	<5	391
<5	<5	NA	<0.1	0.256	<5	284
<5	<5	NA	<0.1	0.597	<5	410
<5	<5	NA	<0.1	0.296	<5	217
<5	<5	NA	<0.1	0.366	<5	223
<5	<5	NA	<0.1	0.39	<5	289
<5	<5	NA	NA	0.328	NA	136
<5	<5	NA	NA	0.367	NA	**851**
110	110	37	<1	1.2	13	**4060**
NM	NA	NA	NA	NA	NA	NA
57	57	57	<2	0.898	13	**3850**
133	133	83.6	<0.1 M1	1.3	7	**4190**
107	107	254 N2	<0.1	1.2	<5	**3850**
126	126	158 N2	<0.1	1.2	<5	**4150**
128	128	97.5	<0.1	1.2	<5	**4650**
103	103	NA	<0.1	<1	<5	**3570**
89.9	89.9	NA	<0.1	0.88	<5	**3080**
76.4	76.4	NA	<0.1	0.848	<5	**3360**
86.5	86.5	NA	<0.1	0.803	<5	**3080**
116	116	NA	<0.1	1.2	<5	**3450**
51.9	51.9	NA	<0.1	0.842	<5	**2770**
92.6	92.6	NA	NA	1	NA	**2820**
118	118	NA	NA	1.2	NA	**4230**
154 M1	154	<10	<0.1	0.983	21	132
160	160	<10	<0.1	1.2	19	192
165	165	<10	<0.1	0.621	120	52
161	161	10.3 N2	<0.1	0.537	67	53
154	154	<10	<0.1	0.492	16	<50
146	146	<10	<0.1	0.48	14	<50
97.8	97.8	NA	0.26	<1	8	<50
39.3	39.3	NA	0.38	1	<5	77
113	113	NA	<0.1	0.545	12	<50
151	151	NA	0.16	0.431	19	28.394 j
87.6	87.6	NA	0.14	0.41	6	<50
137	137	NA	0.26	0.45	<5	19.744 j
58.2	58.2	NA	NA	0.63	NA	21.464 j
59.5	59.5	NA	NA	0.403	NA	28.99 j
NM	NA	NA	NA	NA	NA	NA
480	480	270	<1	1	70	**36800**
NM	NA	NA	NA	NA	NA	NA
500	500	790	<0.5	0.94	75	**40000**
650	650	584 CL	<1	1	100	**38200**

538	538	570	<0.1	1.3	100	**38600**
540	540	3950	<0.1	1.1	94	**37600**
506	506	5500 N2	<0.1	1	130	**37300**
472	472	3350 N2	<0.1	1.1	110	**40500**
470	470	2730	<0.1	1.1	130	**39700**
451	451	NA	<0.1	<1	120	**39900**
449	449	NA	<0.1	<1	110	**41200**
510	510	NA	<0.1	1.2	100	**45400**
476	476	NA	<0.1	1.1	120	**44500**
458	458	NA	<0.1	1.2	110	**45000**
170	170	<10	<0.1	7.9	29	<50
NM	NA	NA	NA	NA	NA	NA
170	170	31	<0.1	1.5	36	<50
274	274	14.8 CL	0.124	0.805	28	<50
207	207	288	<0.1	1.4	37	<50
199	199	327	<0.1	0.625	22	<50
201	201	257 N2	<0.1	0.566	29	<50
186	186	146 N2	<0.1	0.558	15	<50
189	189	113	0.1 M1	0.619	150	<50
200	200	NA	<0.1	<1	14	<50
185	185	NA	<0.1	<1	8	<50
194	194	NA	<0.1	0.617	10	<50
193	193	NA	<0.1	0.556	10	<50
183	183	NA	<0.1	0.598	12	<50
210	210	180	<0.5	0.597	6	**13100**
NM	NA	NA	NA	NA	NA	NA
220	220	420	<0.5	0.735	8	**16200**
267	267	263 CL	<0.5	0.73	5	**18100**
260	260	168	<0.1	0.641	5	**19900**
313	313	943	<0.1	0.798	6.8	**23800**
321	321	996 N2	<0.1 M1	0.72	<5	**23900**
321	321	657 N2	<0.1	0.845	NA	**25000**
NM	NA	NA	NA	NA	12	NA
303	303	528	<0.1	0.825	11	**23200**
336	336	NA	<0.1	0.818 B2,B3	10	**23000**
320	320	NA	<0.1	<1	12	**26100**
358 M1	358	NA	<0.1	0.81	12	**28800**
361	361	NA	<0.1	0.71	8	**25300**
368	368	NA	<0.1	0.71	11	**23500**
348	348	NA	<0.1	0.71	12	**24800**
170	170	11000	<0.2	7	64	**2200**
NM	NA	NA	NA	NA	NA	NA
170	170	13000	<0.2	6.5	75	**2200**
185	185	6620 CL	<0.5	7.1	61	**2080**
175	175	7280	<0.1	6.9	70	**2160**

188	188	25500 E, P2	<0.1 M1	6.8	64	**2580**
195	195	25800 N2	<0.1	6.7	61	**2530**
186	186	13800 N2	<0.1	6.6	61	**2460**
181	181	29500	<0.1	6.8	66	**2580**
180	180	NA	<0.1	6.6 B2,B3	61	**2400**
204	204	NA	<0.1	6	66	**2260**
205	205	NA	<0.1	6	68	**2710**
213	213	NA	<0.1	6.1	76	**2800**
202	202	NA	<0.1	6.4	60	**2880**
193	193	NA	<0.1	6.6	66	**2980**
207	207	NA	NA	6.8	NA	**2980**
207	207	NA	NA	6.9	NA	**3340**
230	230	21000	<1	7	76	**3960**
NM	NA	NA	NA	NA	NA	NA
450	450	19000	<0.5	8.7	35	**2380**
516	516	43000 E, P2	<0.1	11	51	**2190**
513	513	53000 N2,P2,E	<0.1	9.9	28	**2750**
442	442	<10 N2	<0.1	11	14	**2820**
442	442	38400	0.11	9.2	9	**3180**
530	530	NA	<0.1	9.5	16	**2410**
489	478	NA	0.62	9.1	<5	**2790**
430	430	NA	1.3	9.2	10	**3470**
509	509	NA	1.4	8.3	5	**3430**
505	505	NA	0.72	8.8	6	**2880**
484	484	NA	2	9.5	<5	**2980**
502	502	NA	NA	11	NA	**2310**
514	514	NA	NA	10	NA	**2450**
220	23	15	<0.1	0.748	100	<50
NM	NA	NA	NA	NA	NA	NA
240	240	25	<0.1	0.535	<5	<50
233	233	<10 CL	<0.1	0.65	<5	<50
231	231	<10	<0.1	0.684	<5	<50
NM	NA	NA	NA	NA	<5	NA
226	226	13.4	<0.1	0.534	<5	<50
230	230	<10 N2	<0.1	0.49	<5	<50
216	216	<10 N2	<0.1	0.604	<5	<50
215	215	<10	<0.1	0.627	<5	<50
210	210	NA	<0.1	<1	<5	<50
217	217	NA	<0.1	<1	<5	<50
229	229	NA	<0.1	0.69	<5	<50
239	239	NA	<0.1	0.58	<5	<50
211	211	NA	<0.1	0.64	<5	<50
203	203	NA	<0.1	0.75	<5	<50
212	212	NA	NA	0.605	NA	<50
201	201	NA	NA	0.673	NA	<50

38	36	820	<0.5	4	<5	**6610**
NM	NA	NA	NA	NA	NA	NA
50	42	980	0.124	3	<5	**6220**
48.5	15.3	1890	0.41	2.9	<5	**6180**
49.8	19.4	2930 N2	0.15	2.9	<5	**5850**
47.6	11.7	1830 N2	0.11	3	<5	**5920**
45.6	17.3	1650	<0.1	2.9	<5	**5980**
54.4	23.8	NA	<0.1	2.7	<5	**5810**
53.8	29	NA	<0.1	2.5	<5	**5670**
200	200	12	<0.5	1	6	659
NM	NA	NA	NA	NA	NA	NA
200	200	20	<0.5	0.967	<5	**823**
229 M1	229	34.6 CL	<0.5	0.87	<5	**884**
223	223	74.8	<0.1	0.827	<5	**902**
229	229	101	<0.1	0.93	<5	**1220**
230	230	122 N2	<0.1	0.922	<5	**1240**
229	229	163 N2	<0.1	0.98	<5	**1340**
225	225	162	<0.1	0.926	<5	**1430**
237	237	NA	<0.1	<1	<5	**1270**
231	231	NA	<0.1 M1	<1	<5	**1080**
260	260	NA	<0.1	1	<5	**1460**
244	244	NA	<0.1	0.852	<5	**1480**
219	219	NA	<0.1	0.893	<5	**1550**
222	222	NA	<0.1	0.857	<5	**1550**
211	211	NA	NA	0.972	NA	**2080**
200	200	NA	NA	0.983	NA	**2250**
231	231	<10	<0.1	1.2	<5	245
155	155	<10	<0.1	0.74	<5	121
92.7	92.7	<10	0.16	0.577	<5	68
87.6	87.6	19.5 N2	<0.1	0.536	<5	63
104	104	<10 N2	0.13	0.74	<5	115
108	108	26.5	<0.1 M1	0.59	<5	93
133	133	NA	0.13	<1	<5	133
117	117	NA	0.25	1.9	<5	109
131	131	NA	0.58	1	<5	140
205	205	NA	<0.1	0.855	<5	224
167	167	NA	0.25	0.751	<5	173
152	152	NA	0.28	0.838	<5	157
155	155	NA	NA	0.8	NA	147
158	158	NA	NA	0.797	NA	132
225	225	NA	<0.1	2 S1	14	137
237	237	NA	<0.1	1.3 B2	17	131
234	234	NA	<0.1 M1	1.6	33	134
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50

NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
209	209	NA	NA	NA	<5	<50
212	212	NA	NA	NA	6	<50
220	220	<10	<0.1	0.672	15	<50
231	231	NA	NA	NA	9	<50
228	228	<10	<0.1	<1	4.6	<50
231	231	<10	<0.1	0.579	8	<50
233	233	<10	<0.1	0.704	9	<50
243	243	<10 P2,CL	<0.1	0.682	7.2	<50
229	229	<10	<0.1	0.73	12	<50
237	237	NA	NA	NA	36	<50
235	235	<10 N2	<0.1	0.764	5.2	<50
NM	NA	NA	NA	NA	NA	NA
244	244	<10 N2	<0.1	0.735	<5	<50
237	237	<10	<0.1	0.747	<5	<50
225	225	NA	NA	NA	9	<50 B3
251	251	NA	<0.1	0.732	<5	<50
265	265	NA	NA	NA	<5	<50
263	263	NA	<0.1	0.72	<5	<50
259	259	NA	NA	NA	<5	<50
249	249	NA	<0.1	0.877	5	<50
230	230	NA	<0.1	0.763	<5	<50
244	244	NA	NA	NA	<5	<50
253	253	NA	<0.1	0.878	<5	<50
243	243	NA	NA	NA	<5	<50
234	234	NA	<0.1	0.745	<5	<50
233	233	NA	NA	NA	<5	<50
245	245	NA	NA	0.92	NA	<50
246	246	NA	NA	NA	<5	<50
232	232	NA	NA	NA	<5	<50
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NM	NA	NA	NA	NA	NA	NA
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227	227	<10	<0.1	0.693	<5	<50
259	259	29.6	<0.1	0.703	<5	<50
236	236	1120	<0.1	0.795	<5	<50
235	235	618	<0.1	0.777	<5	<50
235	235	569 N2	<0.1	0.773	<5	<50
250	250	367 N2	<0.1	0.849	<5	<50
243	243	360	<0.1	0.814	<5	<50
260	260	NA	<0.1	0.83	<5	<50
255	255	NA	<0.1	0.832	5	<50
248	248	NA	<0.1	0.96	13	<50
231	231	NA	<0.1	0.792	<5	<50
296	296	NA	<0.1	0.825	<5	<50
258	258	NA	<0.1	0.775	<5	<50
225	225	NA	NA	0.74	NA	<50
250	250	NA	NA	0.766	NA	<50
239	132	<10	0.54	29	740	62
112	112	<10 N2	0.13	13	100	<50
276	276	104	<0.1	2.6	55	97
263	263	52	<0.1	2.2	30	101
280	280	NA	<0.1	2.5	13	61
268	268	NA	<0.1	3	13	<50
260	260	NA	<0.1	1.9	20	<50
238	238	NA	<0.1	1.8	28	40.682 j
244	244	NA	<0.1	1.8	19	22.754 j
219	213	NA	<0.1	1.7	12	22.846 j
176	176	NA	NA	1.9	NA	22.94 j
201	201	NA	NA	1.9	NA	23.807 j
230	230	<10	<0.1	0.82	200	<50
233	233	<10 N2	<0.1	1.1	58	<50
218	218	<10 N2,L3	<0.1	1.5	5	<50
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234	234	NA	<0.1	1.4	13	<50
232	232	NA	<0.1	2	11	<50
218	183	NA	0.17	2.5	97	<50
231	231	NA	<0.1	2	11	<50
194	14.5	NA	0.28	2.5	8	<50
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185	28.5	NA	NA	3.1	NA	19.432 j
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370	NA	NA	NA	NA	NA	21.459 j
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320	NA	NA	NA	NA	NA	<50
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290	NA	NA	NA	NA	NA	**3590**
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320	NA	NA	NA	NA	NA	**6480**
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340	NA	NA	NA	NA	NA	**7260**
240	NA	NA	NA	NA	NA	594
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230	NA	NA	NA	NA	NA	663
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210	NA	NA	NA	NA	NA	663
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210	NA	NA	NA	NA	NA	**704**
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360	NA	NA	NA	NA	NA	594
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380	NA	NA	NA	NA	NA	**1130**
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353	NA	NA	NA	NA	NA	**1450**
400	NA	NA	NA	NA	NA	**1700**
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120	NA	NA	NA	NA	NA	**2300**
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360	NA	NA	NA	NA	NA	**1320**
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330	NA	NA	NA	NA	NA	424
330	NA	NA	NA	NA	NA	494
310	NA	NA	NA	NA	NA	527
380	NA	NA	NA	NA	NA	**779**
570	NA	NA	NA	NA	NA	**791**
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356	NA	NA	NA	NA	NA	**1470**
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120	NA	NA	NA	NA	NA	**26400**
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94	NA	NA	NA	NA	NA	**23500**
91	NA	NA	NA	NA	NA	**22900**
24	NA	NA	NA	NA	NA	**10100**
90	NA	NA	NA	NA	NA	**22100**
128	NA	NA	NA	NA	NA	**21900**
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280	NA	NA	NA	NA	NA	**2930**
250	NA	NA	NA	NA	NA	**2990**
310	NA	NA	NA	NA	NA	**2710**
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260	NA	NA	NA	NA	NA	**3560**
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250	NA	NA	NA	NA	NA	<50
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630	NA	NA	NA	NA	NA	21.526 j
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580	NA	NA	NA	NA	NA	20.841 j
580	NA	NA	NA	NA	NA	17.244 j
240	NA	NA	NA	NA	NA	**2300**
260	NA	NA	NA	NA	NA	**2540**
250	NA	NA	NA	NA	NA	**2450**
240	NA	NA	NA	NA	NA	**2480**
240	NA	NA	NA	NA	NA	**2780**
240	NA	NA	NA	NA	NA	**2750**
230	NA	NA	NA	NA	NA	**2870**
200	NA	NA	NA	NA	NA	**2640**
230	NA	NA	NA	NA	NA	**2700**
240	NA	NA	NA	NA	NA	**2930**
230	NA	NA	NA	NA	NA	**2830**
251	251	NA	<0.1	1.6 S1	<5	**2880**
251	NA	NA	NA	NA	NA	**2750**
230	NA	NA	NA	NA	NA	**2270**
220	NA	NA	NA	NA	NA	**2170**

240	NA	NA	NA	NA	NA	**2690**
240	NA	NA	NA	NA	NA	**2740**
240	NA	NA	NA	NA	NA	**2650**
230	NA	NA	NA	NA	NA	**2880**
240	NA	NA	NA	NA	NA	**2770**
250	NA	NA	NA	NA	NA	**2810**
230	NA	NA	NA	NA	NA	**2890**
210	NA	NA	NA	NA	NA	**2710**
250	NA	NA	NA	NA	NA	**2640**
240	NA	NA	NA	NA	NA	**2880**
220	NA	NA	NA	NA	NA	**2710**
236	236	NA	<0.1	1.8 S1	<5	**2770**
245	NA	NA	NA	NA	NA	**2740**
220	NA	NA	NA	NA	NA	**2480**
210	NA	NA	NA	NA	NA	**2370**
360	NA	NA	NA	NA	NA	684
360	NA	NA	NA	NA	NA	**727**
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680	NA	NA	NA	NA	NA	<50
380	NA	NA	NA	NA	NA	680
380	NA	NA	NA	NA	NA	647
360	NA	NA	NA	NA	NA	**729**
330	NA	NA	NA	NA	NA	686
370	NA	NA	NA	NA	NA	651
370	NA	NA	NA	NA	NA	680
360	NA	NA	NA	NA	NA	683
386	386	NA	<0.1	2.1 S1	<5	**762**
393	NA	NA	NA	NA	NA	**713**
390	NA	NA	NA	NA	NA	**751**
360	NA	NA	NA	NA	NA	691
290	NA	NA	NA	NA	NA	197
300	NA	NA	NA	NA	NA	260
300	NA	NA	NA	NA	NA	279
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300	NA	NA	NA	NA	NA	462
280	NA	NA	NA	NA	NA	399
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321	321	NA	<0.1	2 S1	<5	491
301	NA	NA	NA	NA	NA	551
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700	NA	NA	NA	NA	NA	<50
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370	NA	NA	NA	NA	NA	683
660	NA	NA	NA	NA	NA	<50
660	NA	NA	NA	NA	NA	<50
690	NA	NA	NA	NA	NA	<50
650	NA	NA	NA	NA	NA	<50
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610	NA	NA	NA	NA	NA	<50
660	NA	NA	NA	NA	NA	<50
270	NA	NA	NA	NA	NA	**1790**
280	NA	NA	NA	NA	NA	**2540**
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270	NA	NA	NA	NA	NA	**2810**
270	NA	NA	NA	NA	NA	**3610**
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250	NA	NA	NA	NA	NA	**5700**
258	NA	NA	NA	NA	NA	**6710**
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260	NA	NA	NA	NA	NA	**2760**
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270	NA	NA	NA	NA	NA	**2340**
250	NA	NA	NA	NA	NA	**2430**
260	NA	NA	NA	NA	NA	**2350**
220	NA	NA	NA	NA	NA	**3280**
200	NA	NA	NA	NA	NA	**4580**
230	NA	NA	NA	NA	NA	**3160**
250	NA	NA	NA	NA	NA	**3500**
190	NA	NA	NA	NA	NA	**4800**
196	NA	NA	NA	NA	NA	**6540**
170	NA	NA	NA	NA	NA	**7620**
220	NA	NA	NA	NA	NA	**4840**
190	NA	NA	NA	NA	NA	**6840**
170	NA	NA	NA	NA	NA	**7540**
170	NA	NA	NA	NA	NA	**7720**

160	NA	NA	NA	NA	NA	**7490**
160	NA	NA	NA	NA	NA	**8340**
150	NA	NA	NA	NA	NA	**8650**
140	NA	NA	NA	NA	NA	**9160**
150	NA	NA	NA	NA	NA	**8860**
160	NA	NA	NA	NA	NA	**9420**
170	NA	NA	NA	NA	NA	**9780**
160	NA	NA	NA	NA	NA	**10600**
157	NA	NA	NA	NA	NA	**11500**
150	NA	NA	NA	NA	NA	**12100**
150	NA	NA	NA	NA	NA	**13300**
190	NA	NA	NA	NA	NA	**40300**
220	NA	NA	NA	NA	NA	**40600**
230	NA	NA	NA	NA	NA	**39400**
220	NA	NA	NA	NA	NA	**36700**
250	NA	NA	NA	NA	NA	**35900**
250	NA	NA	NA	NA	NA	**34000**
250	NA	NA	NA	NA	NA	**36100**
240	NA	NA	NA	NA	NA	**30600**
270	NA	NA	NA	NA	NA	**30400**
260	NA	NA	NA	NA	NA	**29100**
300	NA	NA	NA	NA	NA	**24300**
301	NA	NA	NA	NA	NA	**22000**
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300	NA	NA	NA	NA	NA	**16600**
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200	NA	NA	NA	NA	NA	**10400**
200	NA	NA	NA	NA	NA	**8930**
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160	NA	NA	NA	NA	NA	**23400**
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180	NA	NA	NA	NA	NA	**16300**
160	NA	NA	NA	NA	NA	**19000**
183	NA	NA	NA	NA	NA	**17700**
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170	NA	NA	NA	NA	NA	**22400**
140	NA	NA	NA	NA	NA	**29700**
210	NA	NA	NA	NA	NA	**10100**
190	NA	NA	NA	NA	NA	**15100**
190	NA	NA	NA	NA	NA	**15700**
180	NA	NA	NA	NA	NA	**17400**
180	NA	NA	NA	NA	NA	**15700**

180	NA	NA	NA	NA	NA	**15800**
160	NA	NA	NA	NA	NA	**15300**
190	NA	NA	NA	NA	NA	**16300**
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200	NA	NA	NA	NA	NA	**15200**
226	NA	NA	NA	NA	NA	**14100**
220	NA	NA	NA	NA	NA	**8830**
220	NA	NA	NA	NA	NA	**8580**
120	NA	NA	NA	NA	NA	**48600**
120	NA	NA	NA	NA	NA	**48700**
120	NA	NA	NA	NA	NA	**46800**
120	NA	NA	NA	NA	NA	**47200 M4**
130	NA	NA	NA	NA	NA	**47000**
120	NA	NA	NA	NA	NA	**47000**
110	NA	NA	NA	NA	NA	**52900**
120	NA	NA	NA	NA	NA	**46900**
120	NA	NA	NA	NA	NA	**53800**
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120	NA	NA	NA	NA	NA	**46100**
140	140	NA	<0.1	1.5 S1	<5	**50800**
144	NA	NA	NA	NA	NA	**49000**
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140	NA	NA	NA	NA	NA	**52900**
150	NA	NA	NA	NA	NA	**38200**
160	NA	NA	NA	NA	NA	**37000**
150	NA	NA	NA	NA	NA	**35800**
160	NA	NA	NA	NA	NA	**37600**
160	NA	NA	NA	NA	NA	**35000**
160	NA	NA	NA	NA	NA	**34000**
160	NA	NA	NA	NA	NA	**38800 M4**
160	NA	NA	NA	NA	NA	**33600**
170	NA	NA	NA	NA	NA	**34200**
170	NA	NA	NA	NA	NA	**39000**
190	NA	NA	NA	NA	NA	**33100**
213	NA	NA	NA	NA	NA	**34900**
200	NA	NA	NA	NA	NA	**36200**
230	NA	NA	NA	NA	NA	**35800**
370	NA	NA	NA	NA	NA	**3900**
370	NA	NA	NA	NA	NA	**3950**
360	NA	NA	NA	NA	NA	**3900**
350	NA	NA	NA	NA	NA	**3730**
350	NA	NA	NA	NA	NA	**4070**
340	NA	NA	NA	NA	NA	**3970**
320	NA	NA	NA	NA	NA	**4360**
330	NA	NA	NA	NA	NA	**4170**

350	NA	NA	NA	NA	NA	**4090**
330	NA	NA	NA	NA	NA	**4210**
360	NA	NA	NA	NA	NA	**4340**
349	NA	NA	NA	NA	NA	**4420**
390	NA	NA	NA	NA	NA	**4340**
340	NA	NA	NA	NA	NA	**4660**
390	NA	NA	NA	NA	NA	**2760**
380	NA	NA	NA	NA	NA	**2840**
360	NA	NA	NA	NA	NA	**2750**
360	NA	NA	NA	NA	NA	**3030**
360	NA	NA	NA	NA	NA	**3320**
360	NA	NA	NA	NA	NA	**3340**
340	NA	NA	NA	NA	NA	**3300**
320	NA	NA	NA	NA	NA	**3340**
350	NA	NA	NA	NA	NA	**3200**
350	NA	NA	NA	NA	NA	**3870**
360	NA	NA	NA	NA	NA	**3330**
382	NA	NA	NA	NA	NA	**3570**
350	NA	NA	NA	NA	NA	**3770**
320	NA	NA	NA	NA	NA	**3520**
270	NA	NA	NA	NA	NA	**2470**
250	NA	NA	NA	NA	NA	**2450**
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250	NA	NA	NA	NA	NA	**2510**
260	NA	NA	NA	NA	NA	**2570**
250	NA	NA	NA	NA	NA	**2540**
240	NA	NA	NA	NA	NA	**2470**
260	NA	NA	NA	NA	NA	**2410**
270	NA	NA	NA	NA	NA	**2570**
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290	NA	NA	NA	NA	NA	**2510**
270	NA	NA	NA	NA	NA	**2490**
290	NA	NA	NA	NA	NA	**2490**
270	NA	NA	NA	NA	NA	**1320**
330	NA	NA	NA	NA	NA	**1020**
340	NA	NA	NA	NA	NA	**1130**
300	NA	NA	NA	NA	NA	**1200**
320	NA	NA	NA	NA	NA	**1190**
290	NA	NA	NA	NA	NA	**1160**
300	NA	NA	NA	NA	NA	**1120**
310	NA	NA	NA	NA	NA	**1010**
330	NA	NA	NA	NA	NA	**960**
310	NA	NA	NA	NA	NA	**1050**
330	NA	NA	NA	NA	NA	**891**

353	NA	NA	NA	NA	NA	**893**
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290	NA	NA	NA	NA	NA	**868**
190	NA	NA	NA	NA	NA	**1770**
190	NA	NA	NA	NA	NA	**1750**
200	NA	NA	NA	NA	NA	**2020**
200	NA	NA	NA	NA	NA	**1880**
210	NA	NA	NA	NA	NA	**2160**
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200	NA	NA	NA	NA	NA	**2150**
180	NA	NA	NA	NA	NA	**1930**
220	NA	NA	NA	NA	NA	**2110**
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190	NA	NA	NA	NA	NA	**1580**
200	NA	NA	NA	NA	NA	**1350**
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260	NA	NA	NA	NA	NA	**3380**
270	NA	NA	NA	NA	NA	**3300**
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280	NA	NA	NA	NA	NA	**3390**
260	NA	NA	NA	NA	NA	**3360**
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336	NA	NA	NA	NA	NA	**3160**
280	NA	NA	NA	NA	NA	**2660**
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96	NA	NA	NA	NA	NA	<50
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67.6	NA	NA	NA	NA	NA	<50
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370	NA	NA	NA	NA	NA	<50
300	NA	NA	NA	NA	NA	<50
300	NA	NA	NA	NA	NA	<50
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300	NA	NA	NA	NA	NA	<50
343	NA	NA	NA	NA	NA	<50
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260	NA	NA	NA	NA	NA	<50
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190	NA	NA	NA	NA	NA	<50
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200	NA	NA	NA	NA	NA	<50
190	NA	NA	NA	NA	NA	<50
NA	NA	NA	0.11	6.1	NA	<50
194	194	NA	<0.1	0.638	<5	<50
169	169	NA	<0.1	0.85	<5	<50
243	243	NA	<0.1	1.1	<5	<50
293	293	NA	<0.1	1.2	<5	177
193	193	NA	<0.1	1.6	<5	**1080**

168	168	NA	<0.1 M1	1.2	<5	**1140**
92.9	92.9	NA	<0.1	2.1	6	**943**
278	278	NA	<0.1	2.5	<5	316
191	191	NA	<0.1	0.957	<5	520
276	276	NA	<0.1	3	<5	<50
277	277	NA	<0.1	1.9	<5	<50
348	348	NA	<0.1	1.6	<5	114
253	253	NA	<0.1	4.3	<5	<50
184	184	NA	<0.1	2.4	7	27.251 j
227	227	NA	<0.1	1.8	<5	<50
358	358	NA	<0.1	5.3	7	24.696 j
314	314	NA	<0.1	2.3	<5	55
NM	NA	NA	NA	NA	NA	<50
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45.8	45.8	NA	NA	NA	<5	<50
46.8	46.8	NA	NA	NA	<5	<50
57	57	<10	<0.1	1.3	<5	<50
65.9	65.9	NA	NA	NA	<5	<50
69.3	69.3	760	<0.1	2.4	5	<50
93.2	93.2	75.2	0.26	3	<5	<50
99.1	99.1	NA	NA	NA	24	<50
116	116	NA	NA	NA	<5	<50
123	123	5820 N2	<0.1	1.7	8.8	<50
119	119	NA	NA	NA	7.6	<50
147	147	5430 N2	<0.1	1.9	8	<50
158	158	3570	<0.1	2.6	<5	<50
156	156	NA	NA	NA	<5	<50 B3
167	167	NA	0.16	2.9 B2,B3	5	<50
178	178	NA	NA	NA	<5	<50
216	216	NA	<0.1	1.9	5	<50
215	215	NA	NA	NA	<5	<50
220	220	NA	<0.1	1.7	<5	<50
220	220	NA	<0.1	2.2	<5	<50
228	228	NA	NA	NA	5	<50

225	225	NA	<0.1 R1	1.8	<5	<50
223	223	NA	NA	NA	<5	<50
241	241	NA	<0.1	1.8	7	<50
239	239	NA	NA	NA	6	<50
258	258	NA	NA	2	NA	<50
258	258	NA	NA	NA	<5	<50
259	259	NA	NA	NA	<5	<50
267	267	NA	NA	2.1	NA	<50
269	269	NA	NA	NA	<3.08642	<50
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NM	NA	NA	NA	NA	NA	<50
290	290	NA	NA	NA	<5	<50
276	276	NA	NA	NA	10	<50
240	240	<10	<0.2	0.97	5	<50
250 M1	250	NA	NA	NA	<5	<50
322	322	NA	NA	NA	6	<50
325	325	NA	NA	NA	<5	<50
286	286	<10 N2	<0.1	0.962	5.4	<50
277	277	NA	NA	NA	5.2	<50
275	275	<10 N2	<0.1	0.998	<5	<50
290	290	<10	<0.1	1.1	<5	<50
277	277	NA	NA	NA	<5	<50 B3
304	304	NA	<0.1	1.1	<5	<50
303	303	NA	NA	NA	<5	<50
282	282	NA	<0.1	1.8	7	<50
284	284	NA	NA	NA	<5	<50
287	287	NA	<0.1	1	<5	<50
307	307	NA	<0.1	1.2	<5	<50
312	312	NA	NA	NA	<5	<50
285	285	NA	<0.1	1.1	<5	<50
292	292	NA	NA	NA	<5	<50
277	277	NA	<0.1	1	<5	<50
265	265	NA	NA	NA	<5	<50
310	NA	NA	NA	NA	NA	<50

394	394	NA	NA	1.5	NA	<50
387	387	NA	NA	NA	<5	<50
320	NA	NA	NA	NA	NA	<50
313	313	NA	NA	NA	<5	<50
298	298	NA	NA	1.8	NA	<50
282	282	NA	NA	NA	6.1	<50
NM	NA	NA	NA	NA	NA	<50
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171	171	NA	NA	NA	<5	<50
168	168	NA	NA	NA	<5	<50
170	170	<10	<0.1	0.906	<5	<50
200	200	NA	NA	NA	<5	<50
210	210	NA	NA	NA	<5	<50
218	218	NA	NA	NA	<5	<50
210	210	<10 N2	<0.1	0.963	<5	<50
211	211	NA	NA	NA	<5	<50
204	204	<10 N2	<0.1	0.975	<5	<50
209	209	<10	<0.1	1.1	<5	<50
204	204	NA	NA	NA	<5	<50 B3
207	207	NA	<0.1	0.94	<5	<50
208	208	NA	NA	NA	<5	<50
215	215	NA	<0.1	2	<5	<50
208	208	NA	NA	NA	<5	<50
211	211	NA	<0.1	1	<5	<50
210	210	NA	<0.1	0.887	<5	<50
211	211	NA	NA	NA	<5	<50
201	201	NA	<0.1	1	<5	17.873 j
206	206	NA	NA	NA	<5	<50
192	192	NA	<0.1	0.99	<5	19.807 j
191	191	NA	NA	NA	<5	<50
206	206	NA	NA	0.98	NA	22.856 j
201	201	NA	NA	NA	<5	<50
209	209	NA	NA	NA	<5	<50
213	213	NA	NA	0.884	NA	26.761 j

207	207	NA	NA	NA	<2.840909	<50
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16.3	16.3	NA	NA	NA	<5	<50
247	247	NA	NA	NA	<5	<50
250	250	<10	<0.1	2.8	<5	<50
158	158	NA	NA	NA	<5	<50
98.1	98.1	NA	NA	NA	<5	<50
276	276	NA	NA	NA	<5	<50
293	293	<10 N2	<0.1	2.7	<5	<50
294	294	NA	NA	NA	<5	<50
194	194	<10 N2	<0.1	3.2	<5	<50
95.5	95.5	<10	<0.1	3.4	<5	<50
95	95	NA	NA	NA	<5	<50 B3
302	302	NA	<0.1	2.8	<5	<50
281	281	NA	NA	NA	<5	<50
303	303	NA	<0.1	2.6	<5	<50
289	289	NA	NA	NA	<5	<50
179	179	NA	<0.1	5	<5	<50
56.7	56.7	NA	<0.1	4.2	<5	<50
58.2	58.2	NA	NA	NA	<5	<50
284	284	NA	<0.1	2.7	<5	<50
301	301	NA	NA	NA	<5	<50
87.9	87.9	NA	<0.1	4.3	<5	<50
88.1	88.1	NA	NA	NA	<5	<50
96	NA	NA	NA	NA	NA	<50
89	89	NA	NA	3.5	NA	<50
87.7	87.7	NA	NA	NA	<5	<50
260	NA	NA	NA	NA	NA	<50
249	249	NA	NA	NA	<5	<50
232	232	NA	NA	1.9	NA	<50
239	239	NA	NA	NA	<3.04878	<50
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190	190	NA	NA	NA	9	<50
189	189	NA	NA	NA	5	<50
220	220	<10	<0.1	0.98	<5	<50
233	233	NA	NA	NA	8	<50
245	245	NA	NA	NA	12	<50
238	238	NA	NA	NA	5.4	<50
232	232	<10 N2	<0.1	0.866	<5	<50
233	233	NA	NA	NA	<5	<50
230	230	<10 N2	<0.1	0.797	<5	<50
218	218	<10	<0.1	0.932	7	<50
243	243	NA	NA	NA	<5	<50 B3
241	235	NA	<0.1	0.88	<5	<50
224	224	NA	NA	NA	5	<50
237	237	NA	<0.1	0.818	7	<50
252	252	NA	NA	NA	7	<50
266	266	NA	<0.1 R1	0.886	7	<50
225	225	NA	<0.1	0.795	6	<50
256	256	NA	NA	NA	10	<50
222 M1	222	NA	<0.1	0.82	<5	<50
213	213	NA	NA	NA	<5	<50
197	197	NA	<0.1	0.826	7	<50
210	210	NA	NA	NA	11	<50
227	227	NA	NA	0.86	NA	<50
230	230	NA	NA	NA	<5	<50
226	226	NA	NA	NA	5	<50
229	229	NA	NA	0.757	NA	<50
228	228	NA	NA	NA	<3.012048	<50
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NM	NA	NA	NA	NA	NA	<50
228	228	NA	NA	NA	<5	<50
233	233	NA	NA	NA	<5	<50
210	210	<10	<0.1	0.773	<5	<50
257	257	NA	NA	NA	<5	<50
227	227	<10	<0.1	0.808	<5	<50
236	236	<10	<0.1	0.788	<5	<50
257	257	NA	NA	NA	<5	<50
256	256	NA	NA	NA	<5	<50
243	243	<10 N2	<0.1	0.739	<5	<50
244	244	NA	NA	NA	<5	<50
238	238	<10 N2	<0.1	0.778	<5	<50
239	239	<10	<0.1	0.77	<5	<50
243	243	NA	NA	NA	<5	<50 B3
246	246	NA	<0.1	0.82	<5	<50
231	231	NA	NA	NA	<5	<50
253	253	NA	<0.1	0.736	<5	<50
242 M1	242	NA	NA	NA	<5	<50
249	249	NA	<0.1	0.835	<5	<50
250	250	NA	<0.1	0.81	<5	<50
263	263	NA	NA	NA	<5	<50
234	234	NA	<0.1	0.898	<5	<50
227	227	NA	NA	NA	<5	<50
220	220	NA	<0.1	0.815	<5	<50
223	223	NA	NA	NA	<5	<50
231	231	NA	NA	0.833 S1	NA	<50
229	229	NA	NA	NA	<5	<50
230	230	NA	NA	NA	<5	<50
230	230	NA	NA	0.733	NA	<50
229	229	NA	NA	NA	3.9	<50
NM	NA	NA	NA	NA	NA	413
NM	NA	NA	NA	NA	NA	122
NM	NA	NA	NA	NA	NA	424
NM	NA	NA	NA	NA	NA	467
NM	NA	NA	NA	NA	NA	207
NM	NA	NA	NA	NA	NA	543
NM	NA	NA	NA	NA	NA	477
NM	NA	NA	NA	NA	NA	295
NM	NA	NA	NA	NA	NA	357
NM	NA	NA	NA	NA	NA	497

NM	NA	NA	NA	NA	NA	152
NM	NA	NA	NA	NA	NA	476
NM	NA	NA	NA	NA	NA	356
121	121	NA	NA	NA	<5	245
134	134	NA	NA	NA	<5	302
90	90	<10	<0.1	1.2	<5	641
142	142	NA	NA	NA	<5	349
137	137	NA	NA	NA	<5	140
147	147	NA	NA	NA	<5	153
143	143	<10 N2	<0.1	1.4	<5	353
143	143	NA	NA	NA	<5	342
148	148	<10 N2	<0.1	1.6	<5	280
153	153	<10	<0.1	1.6	<5	252
147	147	NA	NA	NA	<5	236 B3
152	152	NA	<0.1	1.5	<5	279
144	144	NA	NA	NA	<5	264
133	133	NA	<0.1	2.1	<5	371
127	127	NA	NA	NA	<5	373
129	129	NA	<0.1	1.5	<5	306
156	156	NA	<0.1 M1	1.4	<5	236
156	156	NA	NA	NA	<5	228
139	139	NA	<0.1	1.3	<5	286
135	135	NA	NA	NA	<5	283
140	140	NA	<0.1	1.3	<5	220
139	139	NA	NA	NA	<5	211
138	138	NA	NA	1.3	NA	182
139	139	NA	NA	NA	<5	182
153	153	NA	NA	NA	<5	445
149	149	NA	NA	0.963	NA	444
151	151	NA	NA	NA	<2.906977	440
230	NA	NA	NA	NA	NA	106
190	NA	NA	NA	NA	NA	131
210	NA	NA	NA	NA	NA	135
230	NA	NA	NA	NA	NA	132
260	NA	NA	NA	NA	NA	139
220	NA	NA	NA	NA	NA	146
190	NA	NA	NA	NA	NA	137
190	NA	NA	NA	NA	NA	124
310	NA	NA	NA	NA	NA	162
300	NA	NA	NA	NA	NA	113
190	NA	NA	NA	NA	NA	115
212	NA	NA	NA	NA	NA	109
210	NA	NA	NA	NA	NA	116
290	NA	NA	NA	NA	NA	77
250	NA	NA	NA	NA	NA	**4580**

260	NA	NA	NA	NA	NA	**4560**
250	NA	NA	NA	NA	NA	**4800**
250	NA	NA	NA	NA	NA	**5260**
260	NA	NA	NA	NA	NA	**5160**
250	NA	NA	NA	NA	NA	**4960**
250	NA	NA	NA	NA	NA	**5180**
230	NA	NA	NA	NA	NA	**4900**
250	NA	NA	NA	NA	NA	**4940**
310	NA	NA	NA	NA	NA	**5240**
260	NA	NA	NA	NA	NA	**5120**
272	NA	NA	NA	NA	NA	**5290**
250	NA	NA	NA	NA	NA	**5950**
263	263	NA	<0.1	1.3 S1	<5	**5590**
260	NA	NA	NA	NA	NA	**5670**
NM	NA	NA	NA	3.07	NA	NA
NM	NA	NA	NA	3.08	NA	NA
NM	NA	NA	NA	3.57	NA	NA
NM	NA	NA	NA	3.78	NA	NA
NM	NA	NA	NA	4.94	NA	NA
NM	NA	NA	NA	4.77	NA	NA
NM	NA	NA	NA	4.79	NA	NA
NM	NA	NA	NA	4.2	NA	NA
NM	NA	NA	NA	3.69	NA	NA
NM	NA	NA	NA	3.72	NA	NA
NM	NA	NA	NA	3.74	NA	NA
NM	NA	NA	NA	4.4	NA	NA
NM	NA	NA	NA	3.9	NA	NA
NM	NA	NA	NA	2.7	NA	**3820**
NM	NA	NA	NA	3	NA	**2850**
NM	NA	NA	NA	4.2	NA	**3920**
NM	NA	NA	NA	1.8	NA	**2620**
NM	NA	NA	NA	14	NA	**962**
NM	NA	NA	NA	13.7	NA	**762**
NM	NA	NA	NA	6.3	NA	**2380**
NM	NA	NA	NA	11.3	NA	**1160**
NM	NA	NA	NA	4	NA	**1260**
NM	NA	NA	NA	4.9	NA	**1420**
NM	NA	NA	NA	3.6	NA	**1450**
NM	NA	NA	NA	4.2	NA	**1160**
NM	NA	NA	NA	NA	NA	**1870**
NM	NA	NA	NA	NA	NA	NA
280	280	<10	<0.1	3.2	<5	**2460**
NM	NA	NA	NA	NA	NA	**876**
NM	NA	NA	NA	NA	NA	**736**
300	NA	NA	NA	NA	NA	**2390**

310	NA	NA	NA	NA	NA	**2270**
290	NA	NA	NA	NA	NA	**2390**
310	310	<10 N2	<0.1	2.8	8.6	**2660**
NM	NA	NA	NA	NA	NA	**2500**
290	NA	NA	NA	NA	NA	**2780**
290	NA	NA	NA	NA	NA	**2390**
305	305	<10	<0.1	3.1	<5	**2510**
290	NA	NA	NA	NA	NA	**2450**
300	300	<10	<0.1	3.1	<5	**2420**
NM	NA	NA	NA	NA	NA	**2450 B3**
290	NA	NA	NA	NA	NA	**2480**
291	291	NA	<0.1	2.8 B3	<5	**2440**
270	NA	NA	NA	NA	NA	**2490**
290	NA	NA	NA	NA	NA	**2170**
299	299	NA	<0.1	4	<5	**2190**
NM	NA	NA	NA	NA	NA	**2150**
310	310	NA	<0.1	2.8	<5	**2350**
320	NA	NA	NA	NA	NA	**2350**
301	301	NA	<0.1	2.6	<5	**2540**
NA	NA	NA	NA	NA	NA	**2450**
280	NA	NA	NA	NA	NA	**2260**
311	311	NA	<0.1	2.7	<5	**2500**
286	NA	NA	NA	NA	NA	**2330**
269	269	NA	<0.1	2.5	<5	**2700**
NA	NA	NA	NA	NA	NA	**2510**
270	NA	NA	NA	NA	NA	**2720**
276	276	NA	NA	3	NA	**2800**
NA	NA	NA	NA	NA	NA	**2750**
280	NA	NA	NA	NA	NA	**1980**
291	291	NA	NA	3.5	NA	**2240**
NA	NA	NA	NA	NA	NA	**2220**
NM	NA	NA	NA	3.28	NA	NA
NM	NA	NA	NA	2.63	NA	NA
NM	NA	NA	NA	3.18	NA	NA
NM	NA	NA	NA	2.81	NA	NA
NM	NA	NA	NA	2.76	NA	NA
NM	NA	NA	NA	3.27	NA	NA
NM	NA	NA	NA	3.28	NA	NA
NM	NA	NA	NA	3.04	NA	NA
NM	NA	NA	NA	3.48	NA	NA
NM	NA	NA	NA	3.06	NA	NA
NM	NA	NA	NA	2.85	NA	NA
NM	NA	NA	NA	4	NA	NA
NM	NA	NA	NA	3.6	NA	NA
NM	NA	NA	NA	4.2	NA	**1250**

NM	NA	NA	NA	3.2	NA	**1430**
NM	NA	NA	NA	4.4	NA	**1560**
NM	NA	NA	NA	11.5	NA	**812**
NM	NA	NA	NA	6.7	NA	26.3 JB
NM	NA	NA	NA	8.9	NA	<50
NM	NA	NA	NA	4.4	NA	9.3 J
NM	NA	NA	NA	7.8	NA	179
NM	NA	NA	NA	1.2	NA	<50
NM	NA	NA	NA	2.3	NA	**818**
NM	NA	NA	NA	1.2 B	NA	<50
NM	NA	NA	NA	1.6	NA	142
NM	NA	NA	NA	NA	NA	66
270	270	<10	<0.1	2.9	<5	**1060**
NM	NA	NA	NA	NA	NA	84.3
NM	NA	NA	NA	NA	NA	**1330**
NM	NA	NA	NA	NA	NA	**1480**
220	220	<10 N2	<0.1	2.4	<5	**1480**
392 M1,R1	392	<10 N2	<0.1	2.1	<5	**1610**
259	259	<10	<0.1	2.8	<5	**1340**
NM	NA	NA	NA	NA	NA	**1330 B3**
285	285	NA	<0.1	2.8	<5	**1560**
312 M1	312	NA	<0.1	4.2	<5	**1520**
NM	NA	NA	NA	NA	NA	**1590**
378	378	NA	<0.1	4.2	<5	**1430**
207	207	NA	<0.1	2	<5	**2000**
NA	NA	NA	NA	NA	NA	**2050**
268	268	NA	<0.1	3	<5	**2060**
199	199	NA	<0.1	2.3	<5	**2470**
NA	NA	NA	NA	NA	NA	**2490**
120	120	NA	NA	2.2	NA	**6040**
NA	NA	NA	NA	NA	NA	**6230**
NA	NA	NA	NA	NA	NA	**4970**
175	175	NA	NA	2.9	NA	**5180**
NA	NA	NA	NA	NA	NA	**5360**
NM	NA	NA	NA	2.59	NA	NA
NM	NA	NA	NA	2.44	NA	NA
NM	NA	NA	NA	3.17	NA	NA
NM	NA	NA	NA	3.03	NA	NA
NM	NA	NA	NA	3.06	NA	NA
NM	NA	NA	NA	3.47	NA	NA
NM	NA	NA	NA	3.74	NA	NA
NM	NA	NA	NA	3.57	NA	NA
NM	NA	NA	NA	3.81	NA	NA
NM	NA	NA	NA	3.83	NA	NA
NM	NA	NA	NA	3.58	NA	NA

NM	NA	NA	NA	5.4	NA	NA
NM	NA	NA	NA	4.8	NA	NA
NM	NA	NA	NA	4	NA	**2750**
NM	NA	NA	NA	4.4	NA	**2360**
NM	NA	NA	NA	13.1	NA	**2660**
NM	NA	NA	NA	11.9	NA	**2590**
NM	NA	NA	NA	15.6	NA	**1870**
NM	NA	NA	NA	14.5	NA	**1970**
NM	NA	NA	NA	6.5	NA	**1980**
NM	NA	NA	NA	13.8	NA	**1750**
NM	NA	NA	NA	3.2	NA	**1680**
NM	NA	NA	NA	3	NA	**2460**
NM	NA	NA	NA	3	NA	**2680**
NM	NA	NA	NA	2.5	NA	**3060**
NM	NA	NA	NA	NA	NA	**4050**
340	340	<10	<1	2.7	<5	**4240**
NM	NA	NA	NA	NA	NA	**4710**
NM	NA	NA	NA	NA	NA	**5350**
NM	NA	126	<0.1	2.8	NA	**4900**
NM	NA	NA	NA	NA	NA	NA
384	384	<10 N2	<0.1	3	<5	**4980**
NM	NA	NA	NA	NA	NA	**4820**
378	378	<10 N2	<0.1	3.3	6	**4800**
379	379	<10	<0.1	3.3	<5	**4830**
NM	NA	NA	NA	NA	NA	**4840 B3**
396	396	NA	<0.1 M1	3.1	<5	**4400**
373	373	NA	<0.1	3.2	<5	**4070**
NM	NA	NA	NA	NA	NA	**4280**
398	398	NA	<0.1	3.4	<5	**4270**
425	425	NA	<0.1	3.2	<5	**4090**
NA	NA	NA	NA	NA	NA	**4120**
409	409	NA	<0.1	3.4	<5	**3910**
377	377	NA	<0.1	4	<5	**3580**
372	372	NA	<0.1	4.1 S1	<5	**3520**
344	344	NA	<0.1	3.9	<5	**3440**
NA	NA	NA	NA	NA	NA	**3450**
354	354	NA	<0.1	4.1	<5	**3420**
343	343	NA	NA	4.1	NA	**3260**
NA	NA	NA	NA	NA	NA	**3290**
338	338	NA	<0.1	4.1	<5	**2980**
335	335	NA	<0.1	4	<5	**2590**
NA	NA	NA	NA	NA	NA	**2530**
NM	NA	NA	NA	0.7	NA	NA
NM	NA	NA	NA	<1	NA	NA
NM	NA	NA	NA	0.57	NA	NA

NM	NA	NA	NA	0.57	NA	NA
NM	NA	NA	NA	0.69	NA	NA
NM	NA	NA	NA	0.79	NA	NA
NM	NA	NA	NA	0.82	NA	NA
NM	NA	NA	NA	0.97	NA	NA
NM	NA	NA	NA	1.1	NA	NA
NM	NA	NA	NA	1.14	NA	NA
NM	NA	NA	NA	1.1	NA	NA
NM	NA	NA	NA	1.3	NA	NA
NM	NA	NA	NA	1.1	NA	NA
NM	NA	NA	NA	1.1	NA	5.3
NM	NA	NA	NA	0.82	NA	43.4
NM	NA	NA	NA	<1	NA	35.8
NM	NA	NA	NA	2.5	NA	<50
NM	NA	NA	NA	2.4	NA	12.4
NM	NA	NA	NA	2.6	NA	<50
NM	NA	NA	NA	1.2	NA	<50
NM	NA	NA	NA	1.9	NA	15.5 JB
NM	NA	NA	NA	0.922	NA	<50
NM	NA	NA	NA	0.941	NA	<50
NM	NA	NA	NA	1.2	NA	<50
NM	NA	NA	NA	0.974	NA	<50
NM	NA	NA	NA	NA	NA	<50
41	41	<10	<0.1	1.1	<5	<50
NM	NA	NA	NA	NA	NA	4.34 j
NM	NA	NA	NA	NA	NA	<50
44	NA	NA	NA	NA	NA	<50
45	NA	NA	NA	NA	NA	<50
44	NA	NA	NA	NA	NA	<50
46	46	<10 N2	<0.1	0.835	<5	<50
NM	NA	NA	NA	NA	NA	3.9 j
44	NA	NA	NA	NA	NA	<50
44	NA	NA	NA	NA	NA	<50
45.5	45.5	<10	<0.1	0.852	<5	<50
44	NA	NA	NA	NA	NA	<50
44.6	44.6	<10	<0.1	0.835	<5	<50
NM	NA	NA	NA	NA	NA	4.52 j,B3
38	NA	NA	NA	NA	NA	<50
46.3	46.3	NA	<0.1	0.741	<5	<50
35	NA	NA	NA	NA	NA	<50
39	NA	NA	NA	NA	NA	<50
48.4	48.4	NA	<0.1	1.7	<5	<50
NM	NA	NA	NA	NA	NA	<50
44.2	44.2	NA	<0.1	0.789	<5	<50
33	NA	NA	NA	NA	NA	<50

48.8	48.8	NA	<0.1	0.761	<5	<50
NA	NA	NA	NA	NA	NA	5.39 j
43	NA	NA	NA	NA	NA	<50
54.8	54.8	NA	<0.1	1	<5	<50
47.7	NA	NA	NA	NA	NA	<50
45.4	45.4	NA	<0.1	0.823	<5	<50
NA	NA	NA	NA	NA	NA	<50
45	NA	NA	NA	NA	NA	<50
50.1	50.1	NA	NA	1.1	NA	<50
NA	NA	NA	NA	NA	NA	<50
56	NA	NA	NA	NA	NA	17.342 j
53.2	53.2	NA	NA	0.783	NA	17.458 j
NA	NA	NA	NA	NA	NA	17.1 j
NM	NA	NA	NA	1.48	NA	NA
NM	NA	NA	NA	1.21	NA	NA
NM	NA	NA	NA	1.22	NA	NA
NM	NA	NA	NA	1.03	NA	NA
NM	NA	NA	NA	0.94	NA	NA
NM	NA	NA	NA	1.01	NA	NA
NM	NA	NA	NA	1.47	NA	NA
NM	NA	NA	NA	0.95	NA	NA
NM	NA	NA	NA	1.08	NA	NA
NM	NA	NA	NA	0.88	NA	NA
NM	NA	NA	NA	0.91	NA	NA
NM	NA	NA	NA	1.7	NA	NA
NM	NA	NA	NA	0.56	NA	NA
NM	NA	NA	NA	1.4	NA	412
NM	NA	NA	NA	0.84	NA	345
NM	NA	NA	NA	<1	NA	253
NM	NA	NA	NA	6.5	NA	301
NM	NA	NA	NA	3.7	NA	59.9 B
NM	NA	NA	NA	5	NA	93.2
NM	NA	NA	NA	3.1	NA	14.5 J
NM	NA	NA	NA	5	NA	24.7 JB
NM	NA	NA	NA	0.915	NA	<50
NM	NA	NA	NA	0.947	NA	57
NM	NA	NA	NA	1.1	NA	<50
NM	NA	NA	NA	0.966	NA	51
NM	NA	NA	NA	NA	NA	<50
66	66	<10	<0.1	0.933	<5	<50
NM	NA	NA	NA	NA	NA	5.41 j
NM	NA	NA	NA	NA	NA	4.5 j
73	NA	NA	NA	NA	NA	<50
72	NA	NA	NA	NA	NA	52
76	NA	NA	NA	NA	NA	112

78.7	78.7	<10 N2	<0.1	1	<5	90
NM	NA	NA	NA	NA	NA	100
76	NA	NA	NA	NA	NA	110
77.6	77.6	<10 N2	<0.1	0.987	<5	95
74	NA	NA	NA	NA	NA	101
73	NA	NA	NA	NA	NA	85
76.6	76.6	<10	<0.1	1.1	<5	92
NM	NA	NA	NA	NA	NA	64.5 B3
73	NA	NA	NA	NA	NA	112
79.2	79.2	NA	<0.1	1.1 B3	<5	111
66	NA	NA	NA	NA	NA	121
66	NA	NA	NA	NA	NA	64
83.1	83.1	NA	<0.1	1.7	28	115
NM	NA	NA	NA	NA	NA	123
83.6	83.6	NA	<0.1	0.969	19	102
73	NA	NA	NA	NA	NA	95
83.5	83.5	NA	<0.1	1.1	6	126
NA	NA	NA	NA	NA	NA	123
67	NA	NA	NA	NA	NA	119
77.5	77.5	NA	<0.1	1	<5	100
75.2	NA	NA	NA	NA	NA	132
72.5	72.5	NA	<0.1	1.1	<5	138
NA	NA	NA	NA	NA	NA	67.8
70	NA	NA	NA	NA	NA	150
65.4	65.4	NA	NA	1.2	NA	125
NA	NA	NA	NA	NA	NA	109
72	NA	NA	NA	NA	NA	46.835 j
66.8	66.8	NA	NA	1.1	NA	20.383 j
NA	NA	NA	NA	NA	NA	48.6 j
NM	NA	NA	NA	1.51	NA	NA
NM	NA	NA	NA	1.33	NA	NA
NM	NA	NA	NA	1.65	NA	NA
NM	NA	NA	NA	1.41	NA	NA
NM	NA	NA	NA	2.55	NA	NA
NM	NA	NA	NA	1.65	NA	NA
NM	NA	NA	NA	1.82	NA	NA
NM	NA	NA	NA	1.43	NA	NA
NM	NA	NA	NA	3.55	NA	NA
NM	NA	NA	NA	2.03	NA	NA
NM	NA	NA	NA	2.6	NA	NA
NM	NA	NA	NA	2.4	NA	NA
NM	NA	NA	NA	1.4	NA	NA
NM	NA	NA	NA	5	NA	**2340**
NM	NA	NA	NA	2.3	NA	**1330**
NM	NA	NA	NA	19.7	NA	388

NM	NA	NA	NA	3.5	NA	**943**
NM	NA	NA	NA	7.3	NA	625
NM	NA	NA	NA	6.9	NA	**996**
NM	NA	NA	NA	5.2	NA	615
NM	NA	NA	NA	7.6	NA	**1240**
NM	NA	NA	NA	1.9	NA	514
NM	NA	NA	NA	1.5	NA	**1690**
NM	NA	NA	NA	1.9 B	NA	**919**
NM	NA	NA	NA	1.3	NA	**1310**
NM	NA	NA	NA	NA	NA	**708**
NM	NA	NA	NA	NA	NA	NA
190	190	<10	<0.1	1.5	<5	**1590**
NM	NA	NA	NA	NA	NA	**1590**
NM	NA	NA	NA	NA	NA	**1390**
210	210	<10 N2	<0.1	1.4	7.6	**3870**
NM	NA	NA	NA	NA	NA	**4240**
203	203	<10 N2	<0.1	1.6	<5	**3380**
204	204	<10	<0.1	1.6	<5	**3380**
NM	NA	NA	NA	NA	NA	**2110 B3**
213 M1	213	NA	<0.1	1.5 B2,B3	5	**4100**
226	226	NA	<0.1	2.5	5	**4900**
NM	NA	NA	NA	NA	NA	**4880**
225	225	NA	<0.1	1.5	<5	**4530**
205	205	NA	<0.1	1.5	<5	**3000**
NA	NA	NA	NA	NA	NA	**2890**
196	196	NA	<0.1	1.5	<5	**3450**
185	185	NA	<0.1	1.6	<5	**2190**
NA	NA	NA	NA	NA	NA	**1960**
189	189	NA	NA	1.8	NA	**1620**
NA	NA	NA	NA	NA	NA	**1640**
198	198	NA	NA	1.7	NA	**2380**
NA	NA	NA	NA	NA	NA	**4060**
169	169	<10	<0.1	2	<5	**1420**
174	174	<10	<0.1	2.2	<5	**1440**
166	166	NA	<0.1	2.1 B2,B3	<5	**1380**
173	173	NA	<0.1	1.9	<5	**1700**
161	161	NA	<0.1	2	<5	**1510**
189	189	NA	<0.1	1.9	<5	**1460**
150	150	NA	<0.1	1.9	<5	**1620**
137	137	NA	<0.1	1.9	<5	**1600**
156	156	NA	NA	1.8	NA	**1580**
158	158	NA	NA	1.7	NA	**1480**
168	168	<10	<0.1	2.1	<5	**832**
169	169	<10	<0.1	2	<5	**961**
150	150	NA	<0.1	1.9 B2,B3	<5	**995**

150	150	NA	<0.1	1.8	<5	**970**
152	152	NA	<0.1	2	<5	**939**
151	151	NA	<0.1	1.8	<5	**968**
144	144	NA	<0.1	1.8	<5	**1110**
134	134	NA	<0.1	1.8	<5	**1150**
140	NA	NA	NA	NA	NA	**1240**
147	147	NA	NA	1.9	NA	**1200**
150	NA	NA	NA	NA	NA	**1220**
148	148	NA	NA	1.6	NA	**1250**
137	137	<10	<0.1	2.8	<5	**1590**
139	139	<10	<0.1	2.7	<5	**1450**
133	133	NA	<0.1	2.6 B2,B3	<5	**1240**
131	131	NA	<0.1	3.4	<5	**1500**
121	121	NA	<0.1	2.7	<5	**1380**
104	104	NA	<0.1	2.5	<5	**1610**
86.2	86.2	NA	<0.1 M1,R1	2.3	<5	**1940**
97.5	97.5	NA	<0.1	2.5	<5	**2180**
134	134	NA	NA	2.3	NA	**1900**
138	138	NA	NA	2.1	NA	**1620**
330	330	<10	<0.1	2.4	<5	**2360**
315	315	<10	<0.1	<0.1	<5	**2460**
328	328	NA	<0.1	2.5 B2,B3	<5	**2320**
312	312	NA	<0.1	2.3	<5	**2600**
328	328	NA	<0.1	2.3	<5	**2350**
332	332	NA	<0.1	2.2	<5	**2490**
326	326	NA	<0.1	2.3	<5	**2530**
286	286	NA	<0.1 M1	2.3	<5	**2570**
299	299	NA	NA	2.4	NA	**2520**
290	290	NA	NA	2.1	NA	**2590**
207	207	2320	<0.1	8.6	98	<50
219	219	1840	<0.1 M1	8.9	83	<50
231	231	NA	<0.1	8.3 B2,B3	96	<50
203 M1	203	NA	<0.1	8	95	<50
201	201	NA	<0.1	7.7	96	<50
214	214	NA	<0.1	7.7	110	<50
211	211	NA	<0.1	8	83	<50
192	192	NA	<0.1	8.4	110	<50
222	222	NA	NA	7.9	NA	24.701 j
246	246	NA	NA	7.9	NA	37.66 j
100	100	25	<0.1	1.1	<5	294
99.3	99.3	22.9	<0.1	1.2	<5	247
102	102	NA	<0.1	1.1	<5	267
101	101	NA	0.17	2.2	<5	280
91.6	91.6	NA	0.28	1.3	<5	241
97.2	97.2	NA	<0.1	1.1	<5	237

97.5	97.5	NA	<0.1	1.2	<5	238
88.6	88.6	NA	<0.1	1.2	<5	221
88.6	88.6	NA	NA	1.1	NA	196
85.1	85.1	NA	NA	1.1	NA	199
86	86	<10	<0.1	1.7	<5	**1640**
84.1	84.1	<10	<0.1	<0.1	<5	**1530**
74.2	74.2	NA	<0.1 M1	1.3	<5	**1380**
87.8	87.8	NA	<0.1	1.6	<5	**1800**
83.6	83.6	NA	<0.1	1.8	<5	**1750**
75.8	75.8	NA	<0.1	1.4	<5	**1540**
64	64	NA	<0.1	1.5	<5	**1240**
66.6	66.6	NA	<0.1	1.6	<5	**1300**
63.8	63.8	NA	NA	1.5	NA	**897**
74.5	74.5	NA	NA	1.6	NA	**1240**
215	215	NA	<0.1	0.587 S1	<5	33.721 j
226	226	NA	<0.1	0.777	<5	28.152 j
224	224	NA	<0.1	0.748	<5	25.136 j
222	222	NA	<0.1	0.758	<5	40.138 j
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA

120	120	<10	<0.1	1.6	<5	<50
350	350	<10	<0.5	1.9	5	592
330	330	12	<0.5	1.7	8	501
327	327	<10	<0.5	1.5	<5	346
380	380	<10	<0.1	1.8	<5	589
422	422	35.7 N2	<0.1	2.1 B2	7.8	**1080**
411	411	20.1 N2	<0.1	2	<5	**1050**
410	410	<10	<0.1	2	<5	**1060**
411	411	NA	<0.1	2.1 B2,B3	8	**1170**
416	416	NA	<0.1	2	6	**1310**
417	417	NA	<0.1	2	10	**1550**
448	448	NA	<0.1	2	<5	**1570**
436	436	NA	<0.1	2.1	7	**1330**
382	382	NA	<0.1	2.1	<5	**1930**
399	399	NA	NA	2.3	NA	**3380**
397	397	NA	NA	2.3	NA	**2590**
369	369	NA	<0.1	2.7 S1	6	22.934 j
378	378	NA	<0.1	2.2	<5	24.064 j
374	374	NA	<0.1	2.2 B2	<5	21.621 j
379	379	NA	<0.1	2.1	6	26.252 j
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA

96	95	<10	<0.1	0.794	<5	121
172	172	<10 CL	<0.1	0.845	<5	125
91.1	91.1	<10	<0.1	0.737	<5	105
110	NA	NA	NA	NA	NA	274
92	NA	NA	NA	NA	NA	177
95	NA	NA	NA	NA	NA	339
130	NA	NA	NA	NA	NA	**847**
120	NA	NA	NA	NA	NA	**853**
130	NA	NA	NA	NA	NA	**1130**
140	NA	NA	NA	NA	NA	**1600**
160	160	NA	<0.1	1	<5	**1490**
100	NA	NA	NA	NA	NA	**1240**
130	NA	NA	NA	NA	NA	**1960**
156	156	NA	<0.1	<1	<5	**2140**
170	170	NA	<0.1	0.93	<5	**2720**
160	NA	NA	NA	NA	NA	**2680**
171	171	NA	<0.1	0.795	<5	**2990**
140	NA	NA	NA	NA	NA	**2930**
159	159	NA	<0.1 M1	0.94	<5	**3290**
164	NA	NA	NA	NA	NA	**3550**
151	151	NA	<0.1	0.75	<5	**3780**
140	NA	NA	NA	NA	NA	**3340**
156	156	NA	NA	0.74	NA	**4090**
140	NA	NA	NA	NA	NA	**4280**
155	155	NA	NA	0.757	NA	**6360**
230	230	<10	<0.1	2.2	9	<50
NM	NA	NA	NA	NA	NA	NA
220	220	<10	<0.1	2.3	7	<50
290	290	24	<0.1	2.8	18	<50
220	220	<10	<0.1	2.5	22	<50
212	212	77	<0.1	2.3	5.2	<50
226	226	47.9 N2	<0.1	2.4 B2	15	<50
263	263	64.7	<0.1	2.4	20	<50
230	230	65.5	<0.1	2.4	16	<50
222	222	NA	<0.1	2	7	<50
239	239	NA	<0.1	2.3	17	<50
255	255	NA	<0.1	2.5	16	<50
233	233	NA	<0.1	2.2	15	<50
240	240	NA	<0.1	2.3	11	<50
223	223	NA	<0.1	2.3	15	<50
209	209	NA	NA	2.4	NA	<50
210	210	NA	NA	2.5	NA	26.059 j
250	250	250	<0.5	1.6	5	**2310**
NM	NA	NA	NA	NA	NA	NA
280	280	270	<0.5	1.4	11	**2550**

277	277	180	<0.5	1.4	<5	**2700**
269	269	144	<0.1	1.4	<5	**2680**
284	284	524	<0.1	1.4	<5	**2860**
284	284	606 N2	<0.1	1.3	<5	**2940**
277	277	316 N2	<0.1	1.4	<5	**3000**
269	269	325	<0.1	1.4	<5	**2900**
294	294	NA	<0.1	1.5 B2,B3	<5	**2930**
288	288	NA	<0.1	1.3	<5	**2440**
310	310	NA	<0.1	1.5	9	**2770**
300	300	NA	<0.1	1.3	6	**2570**
284	284	NA	<0.1	1.4	<5	**2670**
280	280	NA	<0.1	1.5	<5	**2860**
286	286	NA	NA	1.5	NA	**2850**
278	278	NA	NA	1.5	NA	**2730**
97	75	21	<0.1	0.947	7	<50
NM	NA	NA	NA	NA	NA	NA
80	79	<10	<0.1	0.967	7	<50
92.4	92.4	<10	<0.1	1.1	8	<50
123	123	<10	<0.1	1	<5	<50
134	134	17 N2	<0.1	0.919	10	<50
166	166	10.3 N2	<0.1	0.873	<5	<50
183	183	<10	<0.1	0.81	<5	<50
209	207	NA	<0.1	0.935	5	<50
184	184	NA	<0.1	0.712	6	<50
256	256	NA	<0.1	0.9	10	<50
198	198	NA	<0.1	0.709	<5	<50
221	221	NA	<0.1	0.853	<5	<50
215	215	NA	<0.1	0.8	<5	17.334 j
216	216	NA	NA	0.803 S1	NA	<50
202	202	NA	NA	0.823	NA	<50
205	205	<10	<0.1	0.938	12	<50
192	192	<10	<0.1	1.2	13	<50
170	170	<10	<0.1	1.4	<5	<50
NM	NA	NA	NA	NA	NA	NA
180	180	<10	<0.1	1.4	<5	<50
186	186	<10	<0.1	1.3	<5	<50
186	186	<10	<0.1	1.2	<5	<50
204	204	<10 N2	<0.1	1	<5	<50
200	200	<10 N2	<0.1	1	5	<50
201	201	<10	0.19	1.1	<5	<50
189	189	NA	<0.1	1.1 B2,B3	<5	53
196	196	NA	<0.1	0.923	<5	<50
198	198	NA	<0.1	1.1	<5	<50
204	204	NA	<0.1	0.919	<5	48.873 j
197	197	NA	<0.1	1	<5	48.97 j

190	190	NA	<0.1	0.9	<5	52
191	191	NA	NA	1	NA	59
193	193	NA	NA	0.92	NA	64
91	91	<10	<0.1	1.7	<5	**864**
NM	NA	NA	NA	NA	NA	NA
100	99	<10	<0.1	1.6	<5	**957**
91.4	91.4	<10	<0.1	1.4	<5	**936**
104	104	<10	<0.1	1.2	<5	**950**
84.8	84.8	<10 N2	<0.1	1.4	<5	**876**
76.1	76.1	<10 N2	<0.1	1.2	<5	**786**
77.4	77.4	<10	<0.1	1.2	<5	**747**
81.2	81.2	NA	<0.1	1.3	<5	**713**
89.9	89.9	NA	<0.1	2.3	<5	**746**
80.8	80.8	NA	<0.1	1.3	<5	**774**
76	76	NA	<0.1	1	<5	690
75.4	75.4	NA	<0.1	1	<5	696
71.2	71.2	NA	<0.1	1.2	<5	**709**
88.2	88.2	NA	NA	1.3	NA	568
96.6	96.6	NA	NA	1.1	NA	663
NM	NA	NA	NA	NA	NA	NA
170	170	<10	<0.2	0.888	<5	<50
NM	NA	NA	NA	NA	NA	NA
200	200	13	<0.1	1.1	9	<50
203	203	341	<0.1	0.613	<5	<50
206	201	1080 N2	<0.1 M1	0.712	<5	<50
203	203	701 N2	0.12	0.51	<5	<50
203	203	291	<0.1	0.512	<5	<50
213	213	NA	0.5	<1	<5	<50
207	207	NA	<0.1	1.2	<5	<50
208	208	NA	0.12 M1	0.536	<5	<50
204	204	NA	NA	0.389	NA	<50
197	197	NA	NA	0.354	NA	<50
130	130	12	<0.1	0.708	<5	<50
NM	NA	NA	NA	NA	NA	NA
130	130	<10	<0.1	0.864	<5	<50
139	139	<10	<0.1	0.697	<5	<50
136	136	<10 N2	<0.1	0.738	<5	<50
140	140	<10 N2	<0.1	0.717	<5	<50
142	142	<10	<0.1	0.705	<5	<50
131	131	NA	<0.1	<1	<5	<50
141	141	NA	<0.1	1.4	<5	<50
137	137	NA	<0.1	0.728	<5	<50
112	112	NA	NA	0.742	NA	<50
101	101	NA	NA	0.556	NA	<50
200	200	<10	<0.1	0.402	<5	<50

180	170	<10	<0.1	0.557	<5	<50
214	214	<10	<0.1	0.511	<5	<50
217	217	<10 N2	<0.1	0.483	<5	<50
178	178	<10 N2	<0.1	0.628	<5	<50
174	174	<10	<0.1	0.632	<5	<50
204	204	NA	<0.1	<1	<5	<50
211	211	NA	<0.1	1.4	<5	<50
180	180	NA	<0.1	0.62	<5	<50
136	136	NA	<0.1	0.58	<5	<50
120	120	NA	<0.1	0.541	<5	<50
104	104	NA	<0.1	0.518	<5	<50
113	113	NA	NA	0.658	NA	<50
206	206	NA	NA	0.509	NA	<50
230	230	12	<0.1	0.993	<5	<50
200	200	<10	<0.1	0.97	<5	<50
244	244	221	<0.1	1.1	<5	<50
270	270	1210 N2	<0.1	0.978	8.4	<50
268	268	550 N2	<0.1	0.933	<5	<50
282	282	656	<0.1	0.965	8	<50
294	294	NA	<0.1	<1	10	<50
304	304	NA	<0.1	1.8	15	<50
316	316	NA	<0.1	0.95	11	<50
305	305	NA	<0.1	0.79	12	<50
282	282	NA	<0.1	0.906	<5	<50
264	264	NA	<0.1	0.81	<5	<50
260	NA	NA	NA	NA	NA	<50
272	272	NA	NA	0.853	NA	<50
270	NA	NA	NA	NA	NA	<50
265	265	NA	NA	0.786	NA	<50
150	150	<10	<0.1	0.841	<5	<50
NM	NA	NA	NA	NA	NA	NA
130	130	<10	<0.1	0.708	7	<50
141	141	<10	<0.1	22.6	<3	<50
127	127	<10	<0.1	0.785	<5	<50
132	132	16.1	<0.1	0.773	<5	<50
132	132	26.1 N2	<0.1	0.697	<5	<50
142	142	59.4 N2	<0.1	0.695	<5	<50
132	132	24.5	<0.1	0.737	<5	<50
123	123	NA	<0.1	<1	<5	<50
137	137	NA	<0.1	1.6	<5	<50
145	145	NA	<0.1	0.883	<5	<50
132	132	NA	<0.1	0.74	<5	<50
145	145	NA	<0.1	1.2	<5	<50
134	134	NA	<0.1	0.988	<5	<50
150	NA	NA	NA	NA	NA	<50

156	156	NA	NA	1.5	NA	<50
140	NA	NA	NA	NA	NA	<50
148	148	NA	NA	1.2	NA	<50
197	197	NA	<0.1	0.682 S1	<5	**24300**
209	209	NA	<0.1	0.976	<5	**22700**
202	202	NA	<0.1 M1	0.871 B2	16	**22300 M6**
210	210	NA	<0.1	0.778	7	**23100**
179	179	NA	<0.1	5.6	42	**5220**
205	205	NA	<0.1	7.4	25	**4770**
204	204	NA	0.41	5.6 B2	32	**2510**
194	194	NA	0.27	3.9	51	**1340**
240	240	<10	<0.1	1.1	<5	<50
NM	NA	NA	NA	NA	NA	NA
260	260	<10	<0.1	1	<5	<50
251	251	<10	<0.2	0.992	<5	<50
250	250	<10	<0.1	0.902	<5	<50
268	268	<10	<0.1	0.952	<5	<50
240	NA	NA	NA	NA	NA	<50
264	264	<10	<0.1	0.993	<5	<50
230	NA	NA	NA	NA	NA	<50
240	240	<10	<0.1	1.1	<5	<50
240	NA	NA	NA	NA	NA	<50
236	236	<10 N2	<0.1	0.992	<5	<50
230	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
249	249	<10 N2	<0.1	0.966	<5	<50
230	NA	NA	NA	NA	NA	<50
234	234	<10	<0.1 M1	0.98	<5	<50
210	NA	NA	NA	NA	NA	<50
229	229	NA	<0.1	0.97 B2,B3	<5	<50
210	NA	NA	NA	NA	NA	<50
220	NA	NA	NA	NA	NA	<50
245	245	NA	<0.1	0.923	<5	<50
224	224	NA	<0.1	0.978	<5	<50
220	NA	NA	NA	NA	NA	<50
233	233	NA	<0.1	0.922	<5	<50
220	NA	NA	NA	NA	NA	<50
226	226	NA	<0.1	1.1	<5	<50
227	NA	NA	NA	NA	NA	<50
208	208	NA	<0.1	0.995	<5	<50
210	NA	NA	NA	NA	NA	<50
218	218	NA	NA	0.983	NA	<50
220	NA	NA	NA	NA	NA	<50
217	217	NA	NA	1	NA	<50
160	160	<10	<0.1	0.585	73	<50

NM	NA	NA	NA	NA	NA	NA
160	160	140	<0.2	0.611	<5	<50
210	NA	NA	NA	NA	NA	<50
250	NA	NA	NA	NA	NA	<50
252	252	48.6	<0.1	0.94	<5	<50
240	NA	NA	NA	NA	NA	<50
220	220	37.2 N2	<0.1	0.75 B2	<5	<50
210	NA	NA	NA	NA	NA	<50
220	NA	NA	NA	NA	NA	<50
247	247	<10	<0.1	0.828	<5	<50
240	NA	NA	NA	NA	NA	<50
253	253	16.7	<0.1	0.932	<5	<50
240	NA	NA	NA	NA	NA	<50
244	244	NA	<0.1	0.928 B2,B3	<5	<50
210	NA	NA	NA	NA	NA	<50
240	NA	NA	NA	NA	NA	<50
247 M1	247	NA	<0.1	1.6	<5	<50
251	251	NA	<0.1	0.897	<5	<50
220	NA	NA	NA	NA	NA	<50
270	270	NA	0.1	0.832	<5	<50
230	NA	NA	NA	NA	NA	<50
231	231	NA	<0.1	0.788	<5	<50
239 M1	NA	NA	NA	NA	NA	<50
231	231	NA	<0.1	0.91	<5	<50
230	NA	NA	NA	NA	NA	<50
238	238	NA	NA	0.873	NA	<50
250	NA	NA	NA	NA	NA	<50
228	228	NA	NA	0.795	NA	<50
190	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
240	NA	NA	NA	NA	NA	<50
210	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
223	223	NA	<0.1	1.5 B2,B3	8	<50
220	NA	NA	NA	NA	NA	<50
220	NA	NA	NA	NA	NA	<50
220	NA	NA	NA	NA	NA	<50
220	NA	NA	NA	NA	NA	<50
222	222	NA	<0.1	1.3	<5	<50
212	212	NA	<0.1	1.4	<5	<50
210	NA	NA	NA	NA	NA	<50
212	212	NA	<0.1	1.1	<5	<50
190	NA	NA	NA	NA	NA	<50
202	202	NA	<0.1	1.1	<5	<50
204	NA	NA	NA	NA	NA	<50

181	181	NA	<0.1	1.2	<5	<50
180	NA	NA	NA	NA	NA	<50
183	183	NA	NA	1.1	NA	<50
180	NA	NA	NA	NA	NA	<50
179	179	NA	NA	1.1	NA	<50
230	230	<10	<0.1	2	<5	<50
NM	NA	NA	NA	NA	NA	NA
230	230	<10	<0.1	1.4	8	<50
<5	<5	NA	<0.1	1.3	6	<50
273	273	NA	<0.1	1.6	6	<50
284	284	NA	<0.1	1.7	7	<50
285 M1	285	NA	<0.1	1.5	7	<50
289	289	NA	<0.1	1.6	7	<50
245	245	NA	<0.1	1.6	7	<50
258	258	NA	NA	1.6	NA	<50
253	253	NA	NA	1.3	NA	<50
140	140	<10	<0.1	4	<5	<50
160	160	10	0.29	4.2	8	<50
154	154	44.1	0.383	4.4	<3	<50
140	140	40.6	<0.1	3.8	<5	<50
143	143	69.2	<0.1	4	<5	<50
NM	NA	NA	NA	NA	NA	NA
130	NA	NA	NA	NA	NA	<50
145	145	61.6	<0.1	4.2	<5	<50
120	NA	NA	NA	NA	NA	<50
134	134	36.6	<0.1	4.3	<5	<50
130	NA	NA	NA	NA	NA	<50
134	134	16 N2	<0.1	4	<5	<50
130	NA	NA	NA	NA	NA	<50
130	NA	NA	NA	NA	NA	<50
137	137	<10 N2	<0.1	4.2	<5	<50
130	NA	NA	NA	NA	NA	<50
128	128	<10 L1	<0.1 M1	4.3	<5	<50
130	NA	NA	NA	NA	NA	<50
133	133	NA	<0.1	4.7 B2,B3	<5	<50
110	NA	NA	NA	NA	NA	<50
140	NA	NA	NA	NA	NA	<50
138	138	NA	<0.1	4	<5	<50
135	135	NA	<0.1	4.1	<5	<50
130	NA	NA	NA	NA	NA	<50
139	139	NA	<0.1	4	<5	<50
130	NA	NA	NA	NA	NA	<50
132	132	NA	<0.1	4.1	<5	<50
126	NA	NA	NA	NA	NA	<50
120	120	NA	<0.1	4.3	<5	<50

120	NA	NA	NA	NA	NA	<50
127	127	NA	NA	4.2	NA	<50
120	NA	NA	NA	NA	NA	<50
133	133	NA	NA	3.5	NA	<50
250	250	<10	<0.1	1	<5	<50
270	270	<10	<0.1	1.2	31	<50
276	276	22.8	<0.1	1.4	5.6	<50
269	269	25.8	<0.1	0.943	5	<50
273	273	<10	<0.1	0.944	<5	<50
293	293	<10	<0.1	1.1	<5	<50
272	272	166	<0.1	1.1	11	<50
273	273	129 N2	<0.1	1 B2	5.2	<50
282	282	71.3 N2	<0.1	1.1	<5	<50
271	271	122	<0.1	1.1	<5	<50
265	265	NA	<0.1	1.1	<5	<50
276	276	NA	<0.1	1.1	<5	<50
270	270	NA	<0.1 R1	1.1	<5	<50
307	307	NA	<0.1	1	<5	<50
264	264	NA	<0.1	1.2	6	<50
244	244	NA	<0.1	1.1	<5	<50
263	263	NA	NA	1.1 S1	NA	<50
250	250	NA	NA	1.3	NA	<50
205	205	<10	<0.1	1.8	210	<50
192	192	<10 N2	<0.1	1	160	<50
179	179	<10 N2,L3	<0.1 M1	2.8	120	<50
200	200	<10	<0.1	1.6	9	<50
170	170	<10	<0.1	1.6	10	<50
149	149	<10	0.428	1.2	<3.1	<50
145	145	<10	<0.1	0.694	<5	<50
178	178	<10	<0.1	0.755	8	<50
190	NA	NA	NA	NA	NA	<50
168	168	<10	<0.1	0.77	<5	<50
150 H2	NA	NA	NA	NA	NA	<50
189	189	<10	0.36	0.753	<5	<50
190	NA	NA	NA	NA	NA	<50
243	240	<10 N2	<0.1	0.782	9.2	<50
230	NA	NA	NA	NA	NA	<50
190	NA	NA	NA	NA	NA	<50
217	217	<10 N2	<0.1	0.776	7	<50
190	NA	NA	NA	NA	NA	<50
233	233	<10 L1	<0.1	0.813	<5	<50
210	NA	NA	NA	NA	NA	<50
195	195	NA	<0.1	0.879 B2,B3	5	<50
210	NA	NA	NA	NA	NA	<50
200	NA	NA	NA	NA	NA	<50

243	243	NA	<0.1	1.7	<5	<50
236	236	NA	<0.1	0.868	<5	<50
220	NA	NA	NA	NA	NA	<50
220	220	NA	<0.1	0.737	<5	<50
220	NA	NA	NA	NA	NA	<50
239 M1	239	NA	<0.1	0.818	6	<50
229	NA	NA	NA	NA	NA	18.259 j
210	210	NA	<0.1	0.75	<5	<50
210	NA	NA	NA	NA	NA	<50
200	200	NA	NA	0.784	NA	<50
190	NA	NA	NA	NA	NA	<50
192	192	NA	NA	0.753	NA	<50
230	230	<10	<0.1	1.1	<5	<50
240	240	<10	<0.1	0.925	6	<50
<5	<5	<10	<0.1	1.2	<3	<50
233	233	<10	<0.1 M1	0.935	<5	<50
230	NA	NA	NA	NA	NA	<50
237	237	<10	<0.1	1.1	<5	<50
254	254	<10	<0.1	1.1	<5	<50
230 H2	NA	NA	NA	NA	NA	<50
240	240	<10	<0.1	1	<5	<50
240	NA	NA	NA	NA	NA	<50
240	240	<10 N2	<0.1	1	6.4	<50
230	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
233	233	<10 N2	<0.1	1.1	<5	<50
230	NA	NA	NA	NA	NA	<50
242	242	<10 L1	<0.1	1.1	<5	<50
230	NA	NA	NA	NA	NA	<50
241	241	NA	<0.1	0.987 B2,B3	<5	<50
220	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
235	235	NA	<0.1	2	<5	<50
236	236	NA	<0.1	1.1	<5	<50
240	NA	NA	NA	NA	NA	<50
262	262	NA	<0.1	0.995	<5	<50
230	NA	NA	NA	NA	NA	<50
235	235	NA	<0.1	0.983	<5	<50
229	NA	NA	NA	NA	NA	18.033 j
223	223	NA	<0.1	1	<5	<50
220	NA	NA	NA	NA	NA	<50
222	222	NA	NA	1.2	NA	<50
220	NA	NA	NA	NA	NA	<50
227	227	NA	NA	0.96	NA	<50
230	230	<10	<0.1	0.843	<5	<50

NM	NA	NA	NA	NA	NA	NA
240	240	<10	<0.1	0.683	<5	<50
233	233	<10	<0.1	<1	<6	<50
238	238	<10	<0.1	0.454	<5	<50
230	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
236	236	<10 N2	<0.1	0.562	<5	<50
230	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
220	NA	NA	NA	NA	NA	<50
228	228	NA	<0.1	0.51	<5	<50
200	NA	NA	NA	NA	NA	<50
240	NA	NA	NA	NA	NA	<50
248	248	NA	<0.1	0.46	<5	<50
238	238	NA	<0.1	0.786	<5	<50
230	NA	NA	NA	NA	NA	<50
240	240	NA	<0.1	0.5	<5	<50
230	NA	NA	NA	NA	NA	<50
238	238	NA	<0.1	0.518	<5	<50
227	NA	NA	NA	NA	NA	<50
208	208	NA	<0.1	0.541	<5	<50
210	NA	NA	NA	NA	NA	<50
219	219	NA	NA	0.535	NA	<50
220	NA	NA	NA	NA	NA	<50
217	217	NA	NA	0.544	NA	<50
260	260	<10	<0.1	1	<5	<50
250	250	<10	<0.1	0.922	6	<50
293	293	<10	<0.1	1.2	4	<50
277	277	<10	<0.1	0.783	<5	<50
294	294	<10	<0.1	0.919	7.8	<50
300	NA	NA	NA	NA	NA	<50
308	308	46	<0.1	0.849	6.8	<50
270	NA	NA	NA	NA	NA	<50
306	306	95.5	<0.1	0.903	7	<50
300	NA	NA	NA	NA	NA	<50
307	307	33.3 N2	<0.1	0.83	<5	<50
300	NA	NA	NA	NA	NA	<50
310	NA	NA	NA	NA	NA	<50
331	331	<10 N2	<0.1	0.728	<5	<50
310	NA	NA	NA	NA	NA	<50
310	310	<10 L1	<0.1	0.713	<5	<50
290	NA	NA	NA	NA	NA	<50
300	300	NA	<0.1	0.69	<5	<50

280	NA	NA	NA	NA	NA	<50
290	NA	NA	NA	NA	NA	<50
307	307	NA	<0.1	1.7	<5	<50
319	319	NA	<0.1	0.719	<5	50
300	NA	NA	NA	NA	NA	<50
323	323	NA	<0.1	0.675	<5	<50
300	NA	NA	NA	NA	NA	<50
320	320	NA	<0.1	0.777	<5	<50
312	NA	NA	NA	NA	NA	<50
281	281	NA	<0.1	0.596	<5	<50
280	NA	NA	NA	NA	NA	<50
286	286	NA	NA	0.725	NA	<50
280	NA	NA	NA	NA	NA	<50
283	283	NA	NA	0.678	NA	<50
180	180	14	<0.1	1.7	<5	<50
NM	NA	NA	NA	NA	NA	NA
140	140	21	<0.2	11	<5	<50
168	168	12.3	<0.1	8.7	9.8	<50
195	195	11.7	<0.1	3	8	<50
191	191	<10	<0.1	3.6	10	<50
180	NA	NA	NA	NA	NA	<50
212	212	36.4	<0.1	2.3	25	<50
170	NA	NA	NA	NA	NA	<50
144	144	61	<0.1	7.1	17	<50
140	NA	NA	NA	NA	NA	<50
211	211	17.7 N2	<0.1	1.8	<5	<50
200	NA	NA	NA	NA	NA	<50
190	NA	NA	NA	NA	NA	<50
183	183	173 N2	<0.1	3.1	<5	<50
190	NA	NA	NA	NA	NA	<50
200	200	991	<0.1	2.3	<5	<50
210	NA	NA	NA	NA	NA	<50
209	209	NA	<0.1	2.1 B2,B3	<5	<50
180	NA	NA	NA	NA	NA	<50
180	NA	NA	NA	NA	NA	<50
168	168	NA	<0.1	4.2	<5	<50
193	193	NA	<0.1	2.9	<5	<50
190	NA	NA	NA	NA	NA	<50
196	196	NA	<0.1	2.3	5	<50
180	NA	NA	NA	NA	NA	<50
197	197	NA	<0.1	1.9	9	<50
205	NA	NA	NA	NA	NA	<50
185	185	NA	<0.1	1.8	<5	<50
200	NA	NA	NA	NA	NA	<50
192	192	NA	NA	1.9	NA	<50

170	NA	NA	NA	NA	NA	<50
159	159	NA	NA	2.1	NA	<50
110	13	<10	<0.1	2.7	8	<50
NM	NA	NA	NA	NA	NA	NA
130	130	<10	<0.1	2	20	<50
213 M1,R1	213	<10	<0.1	2.1 R1	<6.2	<50
237	237	<10	<0.1	2.4	<5	<50
170	NA	NA	NA	NA	NA	<50
210	210	<10	<0.1	1.8	6.6	<50
275	275	<10	<0.1	1.9	8	<50
220	NA	NA	NA	NA	NA	<50
226	226	<10	<0.1	1.7	<5	<50
230	NA	NA	NA	NA	NA	<50
228	228	<10 N2	<0.1	1.6	<5	<50
260	NA	NA	NA	NA	NA	<50
210	NA	NA	NA	NA	NA	<50
198	198	<10 N2	<0.1	1.7	<5	<50
220	NA	NA	NA	NA	NA	<50
220	220	<10 L1	0.19	1.8	<5	<50
220	NA	NA	NA	NA	NA	<50
208	208	NA	<0.1	1.5 B2,B3	<5	<50
170	NA	NA	NA	NA	NA	<50
210	NA	NA	NA	NA	NA	<50
216	216	NA	0.16	2.4	<5	<50
185	185	NA	<0.1	1.5	<5	<50
160	NA	NA	NA	NA	NA	<50
211	211	NA	<0.1	1.5	<5	<50
200	NA	NA	NA	NA	NA	<50
213	213	NA	<0.1	1.7	<5	<50
227	NA	NA	NA	NA	NA	<50
149	149	NA	0.22	1.4	<5	<50
200	NA	NA	NA	NA	NA	<50
216	216	NA	NA	1.2	NA	<50
190	NA	NA	NA	NA	NA	<50
143	143	NA	NA	1.4	NA	<50
190 M1	190	584	<0.1	29	11	<50
234	234	1180 CH,P2	<0.1	26	17	<50
244	244	17200	<0.1	9.6	21	<50
276	276	20300 N2,P2,E	<0.1	1.5	15	<50
284	284	25800 N2,CH,P2	<0.1	1.9	14	<50
243	243	18800	<0.1	1.9	11	<50
252	252	NA	0.12	1.7	11	<50
310	310	NA	0.18	1.8	9	<50
310	310	NA	0.29	2	11	<50
336	336	NA	0.18	1.8	11	<50

308	308	NA	<0.1	1.7	11	<50
283	283	NA	0.15	1.8	10	<50
298	298	NA	NA	1.7	NA	<50
303	303	NA	NA	1.6	NA	<50
369	369	NA	<0.1	2.3	<5	**5990**
375	375	NA	<0.1	2 B2	<5	**6350**
369	369	NA	<0.1	2.1	<5	**6160**
370	370	NA	<0.1	2.1	<5	**6790**
328	328	NA	<0.1	6.1	18	**8240**
340	340	NA	<0.1	5.1	9	**7860**
331	331	NA	<0.1	3.5 B2	7	**8560**
378	378	NA	<0.1	4	13	**7010**
266	266	NA	<0.1	4.1	27	**18900**
294	294	NA	<0.1	13	28	**17900**
287	287	NA	<0.1	8.1	14	**18500**
316	316	NA	<0.1	10	30	**18500**
160	160	NA	<0.1	10	13	**865**
184	184	NA	<0.1	5.7	<5	678
179	179	NA	<0.1	4	<5	568
183	183	NA	<0.1	4.1	<5	573
145	145	NA	<0.1	1.1	12	**1400**
161	161	NA	<0.1	0.85	10	**1850**
161	161	NA	<0.1	0.645	7	**2070**
166	166	NA	<0.1	0.593	13	**2590**
154	154	NA	<0.1	16	57	**1570**
248	248	NA	0.82	65	43	**1390**
176	176	NA	0.36	10	36	**1600**
273	273	NA	3.5	17	14	**1370**
154	154	<10	<0.1	0.203	<5	<50
148	148	<10	<0.1	0.246	<5	<50
152	152	<10	<0.1	0.271	<5	<50
154	154	<10	<0.1	0.319	<5	<50
162	162	12.4 N2	<0.1	<1	<5	<50
177	177	12.3 N2	<0.1	0.424	<5	<50
164	164	17.4	<0.1	0.403	<5	<50
172	172	NA	<0.1	0.519	<5	<50
167	167	NA	<0.1	0.411	<5	<50
168	168	NA	<0.1	0.525	<5	<50
180	180	NA	<0.1	0.488	<5	<50
183	183	NA	<0.1	0.72	<5	<50
171	171	NA	<0.1	0.65	<5	<50
170	NA	NA	NA	NA	NA	<50
177	177	NA	NA	0.702	NA	<50
180	NA	NA	NA	NA	NA	<50
174	174	NA	NA	0.553	NA	<50

154	154	<10	<0.1	0.969	NA	NA
127	102	<10	<0.1	0.635	120	<50
224	224	NA	<0.1	1.5	<5	45.315 j
232	232	NA	<0.1	1.2 S1	<5	42.392 j
208	208	NA	<0.1	1.6	<5	52
211	211	NA	<0.1	1.8	5	72
208	208	NA	NA	2.4	NA	117
209	209	NA	<0.1	2.9	<5	132
202	202	NA	NA	2.9	NA	128
310	310	<10	<0.1	2.6	<5	452
315	315	<10	<0.1	2.5	<5	460
309	309	10.9	<0.1	2.5	<5	485
305	305	<10 N2	<0.1	2.5	<5	470
304	304	<10 N2	<0.1	2.5	<5	541
300	300	<10	<0.1	2.5	<5	558
295	295	NA	<0.1	2.6 B2,B3	<5	682
268	268	NA	<0.1	3.4	<5	604
240	240	NA	<0.1	2.6	<5	**707**
250	250	NA	<0.1	2.5	<5	**753**
247	247	NA	<0.1	2.7	<5	**805**
183	183	NA	<0.1	2.7	<5	**887**
190	190	NA	NA	2.7	NA	**781**
209	209	NA	NA	2.7	NA	**729**
298 D4	298	<10	<0.1	2.7	6	83
267 M1	267	<10	<0.1	2.6	9	377
286	286	<10	<0.1	2.3	5.6	395
221	221	146	<0.1	3.1	<5	318
256	256	96.6 N2,M1	<0.1	3.2	42	313
305	305	<10 N2	<0.1	2.5	6	398
203	203	40.3	<0.1	3.1	<5	458
222 M1	222	NA	<0.1	3 B2,B3	<5	294
153	153	NA	<0.1	3.6 M1	<5	348
143	143	NA	<0.1	2.6	<5	352
284	284	NA	<0.1	3	<5	280
184	184	NA	<0.1	2.7	<5	342
139	139	NA	<0.1	3.2	<5	641
110	110	NA	NA	3.3	NA	**820**
121	121	NA	NA	2.9	NA	632
216	216	<10	<0.1	1.2	97	<50
655	<5	<10	<0.1	13	46	<50
1520 D4	610	<10	<0.1	6.8	6	<50
496	<5	20.6 N2,C8,P2	<0.1	2.5	11	<50
144	144	<10	<0.1	2.9	13	<50
136	136	<10 L1	<0.1	2.3	11	<50
140	140	NA	<0.1	2.6	<5	<50

144	144	NA	<0.1	3	6	<50
140	140	NA	<0.1	2.4	<5	<50
142	142	NA	<0.1	2.4	<5	<50
132	132	NA	<0.1	2	<5	<50
121	121	NA	<0.1	1.9	<5	<50
120	NA	NA	NA	NA	NA	<50
129	129	NA	NA	2.4	NA	<50
120	NA	NA	NA	NA	NA	20.445 j
128	128	NA	NA	2.3	NA	<50
128	128	<10	<0.1	0.78	26	<50
132	132	<10	<0.1	1	10	<50
141	141	<10	0.1	1.5	33	<50
138	138	<10 N2	0.78	<1	11	<50
142	142	<10 N2	0.34	1	10	<50
139	139	<10 L1	0.61	1.2	6	<50
153	153	NA	0.29	<1	25	<50
151	151	NA	0.48	1.2	7	<50
157	157	NA	0.86	1.4	5	<50
157	157	NA	0.19	1.3	<5	34.752 j
154	154	NA	<0.1	1.3	<5	36.453 j
147	147	NA	0.25	1.4	<5	34.81 j
157	157	NA	NA	1.4	NA	41.176 j
161	161	NA	NA	1.5	NA	42.313 j
333 M1	333	<10	<0.1	2.4	6.2	<50
327	327	<10	<0.1	2.7	9.2	<50
339	339	<10	<0.1	2.6	6	<50
342	342	<10 N2	<0.1	1.9	<5	<50
333	333	<10	<0.1	2.7	7	<50
347	347	<10 L1	<0.1	2.6	<5	<50
345	345	NA	<0.1	2.4	6	<50
338	338	NA	<0.1	3.4	5	<50
365	365	NA	<0.1	2.7	6	<50
359	359	NA	<0.1	2.5	6	21.343 j
334	334	NA	<0.1	2.5	5	20.94 j
312	312	NA	<0.1	2.4	5	23.45 j
364	364	<10	<0.1	1.4	6	<50
360	360	<10	<0.1	2	6	<50
363	363	<10	<0.1	1.7	5	<50
347	347	<10 N2	<0.1	1.6	<5	<50
370	370	<10 N2	<0.1	1.5	<5	<50
354	354	<10 L1	0.1	1.5	<5	<50
398	398	NA	0.18	1.4	<5	<50
389	389	NA	0.19	1.6	6	<50
376	376	NA	0.14	1.6	5	<50
388 M1	388	NA	0.17	1.5	6	21.977 j

379 M1	379	NA	<0.1	1.6	<5	<50
348	348	NA	<0.1	1.5	6	<50
360	360	NA	NA	1.4	NA	19.725 j
357	357	NA	NA	1.4	NA	23.515 j
221	221	<10	<0.1	1.3	<5	<50
228	228	<10	<0.1	1.3	<5	<50
247	247	NA	<0.1	1.6 B2,B3	<5	<50
223	223	NA	<0.1	1.6	6	<50
269	269	NA	<0.1	1.4	<5	<50
241	241	NA	<0.1	1.3	8	<50
220	220	NA	<0.1	1.3	5	<50
214	214	NA	<0.1	1.2	<5	<50
214	214	NA	NA	1.3	NA	<50
218	218	NA	NA	1.3	NA	<50
204	204	<10	<0.1	3.6	<5	<50
209	209	<10 L1	<0.1	3.3	<5	<50
225	225	NA	0.16	3.7	8	<50
234	234	NA	0.32	5.4	<5	<50
261	261	NA	0.2	6.2	13	<50
274	274	NA	0.22	5.9	7	39.893 j
248	248	NA	<0.1	5.9	<5	49.234 j
258	258	NA	0.48	6.2	<5	52
280	280	NA	NA	2.5	NA	61
290	290	NA	NA	7.9	NA	63
240	240	<10	<0.1	1	<5	<50
266	266	<10 L1	<0.1	1.1	<5	<50
253	253	NA	<0.1	1.3	<5	<50
271	271	NA	<0.1	1.2	<5	<50
255	255	NA	<0.1	0.992	<5	<50
262	262	NA	<0.1	0.822	7	<50
224	224	NA	<0.1	0.78	<5	<50
229	229	NA	<0.1	0.553	<5	<50
230	NA	NA	NA	NA	NA	<50
240	240	NA	NA	2 S1	NA	<50
230	NA	NA	NA	NA	NA	<50
241	241	NA	NA	0.795	NA	<50
342	342	116	<0.1	2.3	<5	<50
321 M1	321	88.8	<0.1 M1	1.9	<5	<50
330 M1	330	NA	<0.1	1.9	6	<50
345	345	NA	<0.1	1.7	6	<50
349	349	NA	<0.1	1.9	9	<50
334	334	NA	<0.1	1.8	8	23.429 j
331	331	NA	<0.1	1.8	8	25.522 j
308	308	NA	<0.1	1.7	<5	27.242 j
310	NA	NA	NA	NA	NA	27.798 j

315	315	NA	NA	1.2 S1	NA	26.342 j
320	NA	NA	NA	NA	NA	33.062 j
317	317	NA	NA	1.9	NA	30.67 j
312	312	<10	<0.1	1	8	<50
308	308	<10	<0.1	0.951	<5	<50
308	308	NA	<0.1	<1	11	<50
323	323	NA	<0.1	2	5	<50
316	316	NA	<0.1	1	7	<50
289	289	NA	<0.1	0.979	<5	<50
302	302	NA	<0.1	1.1	<5	<50
277	277	NA	<0.1	0.939	<5	<50
276	276	NA	NA	1	NA	<50
280	280	NA	NA	0.943	NA	<50
140	140	<10	<0.1	2.1	<5	<50
134	134	<10	<0.1	1.1	<5	<50
147	147	NA	0.34	2.3 B2,B3	8	<50
160	160	NA	0.74	3.1	<5	<50
166	166	NA	0.67 M1	3.9	5	<50
163	163	NA	0.33	4.5	24	23.138 j
153	153	NA	0.91	3.1	8	17.886 j
144	144	NA	0.6	3.7	<5	24.713 j
160	NA	NA	NA	NA	NA	29.014 j
153	153	NA	NA	4.9	NA	32.716 j
170	NA	NA	NA	NA	NA	34.476 j
161	161	NA	NA	5.8	NA	40.226 j
120	120	<10	<0.1	3.6	<5	<50
299	166	<10	<0.1	5.9	110	<50
264	264	NA	<0.1	0.982 B2,B3	51	<50
178	178	NA	<0.1	2.3	10	<50
221	102	NA	<0.1	4.9	71	<50
424	<5	NA	<0.1	8.2	<5	<50
1000	<5	NA	0.24	15	<5	<50
1240	<5	NA	0.15	17	<5	<50
1700	NA	NA	NA	NA	NA	<50
3080	<5	NA	NA	20	NA	<50
1700	NA	NA	NA	NA	NA	<50
1820	<5	NA	NA	21	NA	<50
310	310	NA	<0.1	1.6 S1	<5	**800**
348	348	NA	<0.1	1.8	<5	**1200**
339	339	NA	<0.1	1.6	<5	**1350**
348	348	NA	<0.1	1.7	<5	**1580**
163	163	NA	<0.1	1.5 S1	<5	521
174	174	NA	<0.1	1.5	5	537
176	176	NA	<0.1	1.6	<5	547
181	181	NA	<0.1	1.5	<5	557

244	244	NA	<0.1	1.2 S1	<5	**1460**
243	243	NA	<0.1	1.2	<5	**937**
237	237	NA	<0.1	0.993	<5	**826**
229	229	NA	<0.1	0.99	<5	673
327	327	NA	<0.1	2.6 S1	<5	**7880**
341	341	NA	<0.1	2.7	<5	**8150**
335	335	NA	<0.1	2.6	<5	**7860**
321	321	NA	<0.1	2.4	<5	**7930**
294	294	NA	<0.1	2.4	6	**7820**
303	303	NA	<0.1	2.4	<5	**8270**
302	302	NA	<0.1	2.4	<5	**7880**
295	295	NA	<0.1	2.4	<5	**8170**
314	314	NA	<0.1	2 S1	<5	**1070**
319	319	NA	<0.1	1.8	<5	**996**
307	307	NA	<0.1	1.8	<5	**1010**
305	305	NA	<0.1	1.8	<5	**1050**
209	209	NA	<0.1	2.2 S1	<5	**1230**
219	219	NA	<0.1	2.1	<5	**1220**
223	223	NA	<0.1	2.2	<5	**1170**
237	237	NA	<0.1	2.3	<5	**1230**
263	263	NA	<0.1	1.6 S1	8	**4200**
110	106	NA	<0.1	1.5	56	**2380**
137	137	NA	<0.1	1.5 B2	31	**2850**
469	93.8	NA	<0.1	1.9	276	**2010**
148	148	NA	<0.1	2.7 S1	<5	499
151	151	NA	<0.1	2.7	<5	506
147	147	NA	<0.1	2.9 B2	<5	502
143	143	NA	<0.1	2.8	<5	538
129	129	NA	<0.1	2.5	<5	410
143	143	NA	<0.1	2.5	<5	416
137	137	NA	<0.1	2.6 B2	<5	473
137	137	NA	<0.1	2.6	<5	528
199	199	NA	<0.1	3.4	26	<50
240	5.57	NA	0.2	6.8	31	<50
2230	<5	NA	<0.1	31	<5	<50
58.8	58.8	NA	<0.1	1.4	<5	<50
64.6	64.6	NA	<0.1	1.2	<5	<50
60	60	NA	<0.1	1.1	<5	<50
54.5	54.5	NA	<0.1	1.1	<5	<50
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	NA
274	274	NA	NA	NA	<5	<100
NM	NA	NA	NA	NA	<5	<50

<5	<5	NA	NA	NA	5.1	<50
NM	NA	NA	NA	NA	<5	<50
190	190	NA	NA	NA	<3.3	<500
NM	NA	NA	NA	NA	<5	<50
164	NA	NA	NA	NA	<2.5	<50
NM	NA	NA	NA	NA	<5	<50
111	111	NA	NA	NA	<2.5	<5
NM	NA	NA	NA	NA	<5	<50
178	178	NA	NA	NA	<2.5	<5
NM	NA	NA	NA	NA	<5	<50
36.3	36.3	NA	NA	NA	<2.5	<25
110	110	NA	NA	NA	<2.5	<25
83	83	NA	NA	NA	<5	<25
208	208	NA	NA	NA	<2.5	<25
56.3	56.3	NA	NA	NA	<2.5	<25
<5	<5	NA	NA	NA	<2.5	<50
NM	NA	NA	NA	NA	<5	<50
280	280	NA	NA	NA	<6.2	<50
NM	NA	NA	NA	NA	NA	<50
320	NA	NA	NA	NA	<5	<100
66.6	66.6	NA	NA	NA	<2.5	<25
239	239	NA	NA	NA	<2.5	<25
80.5	80.5	NA	NA	NA	<5	<25
39.6	39.6	NA	NA	NA	<2.5	<25
62.6	62.6	NA	NA	NA	<5	<25
98.2	98.2	NA	NA	NA	<2.5	<25
38.6	38.6	NA	NA	NA	<2.5	<25
110	110	NA	NA	NA	<2.5	<25
91.1	91.1	NA	NA	NA	<2.5	<25
<5	<5	NA	NA	NA	7.8	<50
NM	NA	NA	NA	NA	25	<50
NM	NA	NA	NA	NA	NA	<50
188	188	NA	NA	NA	<5	<25
133	133	NA	NA	NA	<2.5	<25
46.6	46.6	NA	NA	NA	<2.5	<25
86.6	86.6	NA	NA	NA	<5	<25
46.3	46.3	NA	NA	NA	<2.5	<25
161	161	NA	NA	NA	<2.5	<25
196	196	NA	NA	NA	<2.5	<5
NM	NA	NA	NA	NA	<5	<50
286	286	NA	NA	NA	<2.5	6.1
NM	NA	NA	NA	NA	<5	<50
63.3	63.3	NA	NA	NA	<2.5	<5
NM	NA	NA	NA	NA	<5	<50
241	241	NA	NA	NA	<2.6	<5

NM	NA	NA	NA	NA	<5	<50
<5	<5	NA	NA	NA	<2.5	<5
NM	NA	NA	NA	NA	<5	<50
52.2	52.2	NA	NA	NA	<2.5	<5
NM	NA	NA	NA	NA	<5	<50
181	181	NA	NA	NA	<2.5	<250
87.8	87.8	NA	NA	NA	<2.7	<25
307	307	NA	NA	NA	<2.5	<500
337	337	NA	NA	NA	<2.5	<500
37.2	37.2	NA	NA	NA	<2.5	<25

WATER QUALITY PARAMETERS						SELE
<5	<5	NA	NA	0.365	NA	**857**
510	500	770	<0.5	0.98	76	**40100**
232	232	142 N2	<0.1	0.913	<5	**1300**
229	229	<10	<0.1	0.721	15	<50
232	232	NA	NA	NA	5	<50
232	232	NA	NA	NA	<3.012048	<50
245	245	NA	<0.1	1.8	29	37.462 j
300	NA	NA	NA	NA	NA	<50
280	NA	NA	NA	NA	NA	**4010**
308	NA	NA	NA	NA	NA	**4160**
110	NA	NA	NA	NA	NA	**2340**
270	NA	NA	NA	NA	NA	**12700**
270	NA	NA	NA	NA	NA	**3810**
270	NA	NA	NA	NA	NA	**3120**
310	NA	NA	NA	NA	NA	**2180**
630	NA	NA	NA	NA	NA	<50
240	NA	NA	NA	NA	NA	**2740**
360	NA	NA	NA	NA	NA	**720**
260	NA	NA	NA	NA	NA	**9500**
120	NA	NA	NA	NA	NA	**46100**
120	NA	NA	NA	NA	NA	**47400**
120	NA	NA	NA	NA	NA	**49900**
140	NA	NA	NA	NA	NA	**50300**
260	NA	NA	NA	NA	NA	**3340**
290	NA	NA	NA	NA	NA	**3480**
350	NA	NA	NA	NA	NA	<50
260	NA	NA	NA	NA	NA	<50
290	NA	NA	NA	NA	NA	<50
346	NA	NA	NA	NA	NA	<50
240	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
210	NA	NA	NA	NA	NA	<50

200	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
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NM	NA	NA	NA	NA	NA	<50
183	183	NA	NA	NA	<5	<50
209	209	NA	NA	NA	<5	<50
208	208	NA	NA	NA	<5	<50
214	214	NA	NA	NA	<5	<50
207	207	NA	NA	NA	<5	<50
190	190	NA	NA	NA	<5	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	<50
271	271	NA	NA	NA	<5	<50
156 M1,R1	156	NA	NA	NA	<5	<50
277	277	NA	NA	NA	<5	<50
295	295	<10 N2	<0.1	2.7	<5	<50
294	294	NA	NA	NA	<5	<50
191	191	<10 N2	<0.1	3.2	<5	<50
96.9	96.9	NA	NA	NA	<5	<50 B3
329	329	NA	<0.1	2.7	<5	<50
296	296	NA	<0.1	2.6	<5	<50
170	170	NA	<0.1	4.7	<5	<50
90.8	90.8	NA	NA	NA	<5	<50
234	234	NA	NA	2	NA	<50
NM	NA	NA	NA	NA	NA	<50
253	253	NA	NA	NA	<5	<50
219	219	NA	NA	NA	<5	<50
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NM	NA	NA	NA	NA	NA	1.5 j
NM	NA	NA	NA	NA	NA	1.5 j
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256	256	NA	<0.1	<1	<5	<50
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NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
260	NA	NA	NA	NA	NA	137
230	NA	NA	NA	NA	NA	144
200	NA	NA	NA	NA	NA	128
290	NA	NA	NA	NA	NA	77
NM	NA	NA	NA	7.5	NA	**2460**
NM	NA	NA	NA	NA	NA	NA
NM	NA	NA	NA	NA	NA	**2200**
NA	NA	NA	NA	NA	NA	**2490**
NA	NA	NA	NA	NA	NA	**2590**
NA	NA	NA	NA	NA	NA	**2290**
NM	NA	NA	NA	13.3	NA	**1900**
NM	NA	NA	NA	0.906	NA	<50
NM	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	NA	NA	68.2
NM	NA	NA	NA	NA	NA	9.46 j
46	46	<10	<0.1	0.855	<5	<50
45.1	45.1	<10	<0.1	0.793	<5	<50
NM	NA	NA	NA	NA	NA	25.2 j,B3
38	NA	NA	NA	NA	NA	<50
44	NA	NA	NA	NA	NA	<50
47.6	47.6	NA	<0.1	1.8	<5	<50
47.3	NA	NA	NA	NA	NA	<50
49	NA	NA	NA	NA	NA	<50

NA	NA	NA	NA	NA	NA	23.2 j
56	NA	NA	NA	NA	NA	<50
NM	NA	NA	NA	4.6	NA	26.9 JB
NM	NA	NA	NA	0.923	NA	80
NM	NA	NA	NA	0.973	NA	64
NM	NA	NA	NA	7	NA	**1080**
NM	NA	NA	NA	1.9 B	NA	**1050**
226	226	NA	<0.1	1.5	<5	**4540**
152	152	NA	<0.1	1.9	<5	**1580**
143	143	NA	<0.1	1.9	<5	**1560**
158	158	NA	NA	1.8	NA	**1560**
309	309	<10	<0.1	<0.1	<5	**2470**
313	313	NA	<0.1	2.4 B2,B3	<5	**2380**
288	288	NA	<0.1	2.3	<5	**2620**
204	204	NA	<0.1	7.7	97	<50
242	242	NA	NA	8	NA	34.706 j
88.2	88.2	<10 L1	<0.1	1.7	<5	**1610**
250	250	170	<0.5	1.5	5	**2270**
200	200	11	<0.1	1.4	13	<50
206	206	308	<0.1	0.618	<5	<50
125	125	<10	<0.1	0.694	<5	<50
266 M1	266	<10	<0.1	0.977	<5	<50
371	371	NA	NA	1.5	NA	<50
140	140	<10	0.222	4.1	<5	<50
140	140	41.2	<0.1	3.8	<5	<50
130	NA	NA	NA	NA	NA	<50
143	143	80.4	<0.1	4.2	<5	<50
120	NA	NA	NA	NA	NA	<50
130	NA	NA	NA	NA	NA	<50
130	NA	NA	NA	NA	NA	<50
250	250	<10	<0.1	0.907	<5	<50
235	235	<10 N2	<0.1	1.1	<5	<50
230	NA	NA	NA	NA	NA	<50
230	NA	NA	NA	NA	NA	<50
199	199	<10	<0.1	3.5	7.8	<50
200	NA	NA	NA	NA	NA	<50
264	264	22800 N2,P2,E	<0.1	1.6	14	<50
265	265	18800	<0.1	1.9	11	<50
372	372	NA	<0.1	2.3	<5	**5990**
328	328	NA	<0.1	3.5 B2	7	**8630**
291	291	NA	<0.1	13	33	**17600**
154	154	10.6	<0.1	0.308	<5	<50
180	180	NA	<0.1	0.549	<5	<50
165	165	NA	<0.1	0.959	<5	<50
178	178	NA	<0.1	0.545	<5	<50

184	184	NA	<0.1	0.485	<5	<50
174	174	NA	NA	0.558	NA	<50
253	253	NA	<0.1	2.8	<5	312
334	334	<10	<0.1	2.6	8.2	<50
352	352	NA	<0.1	2.5	5	<50
364	364	NA	<0.1	2.5	7	24.636 j
402	402	NA	<0.1	1.5	<5	<50
324	324	NA	<0.1	1.9	8	24.857 j
304	304	NA	<0.1	1.7	<5	28.528 j
316	316	<10	<0.1	1	11	<50
316	316	<10	<0.1	0.961	<5	<50
311	311	NA	<0.1	0.935	<5	<50
278	278	NA	<0.1	0.917	<5	<50
157	157	NA	NA	4.8	NA	32.344 j
<10	<10	22	<0.1	1	<5	<50
16	16	<10	<0.1	5.3	<5	<50
NM	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA

ECTED 40CFR257 APPENDIX III CONSTITUENTS plus Sr								
mg/L	mg/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L
NE	**250**	**NE**	**250**	**500**	**NE**	**1***	**10**	**700**
106	**150**	**760**	**37**	**540**	**1206**	**1**	**1**	**91**
102	**120**	**232**	**73.5**	**530**	**378**	**1**	**1**	**185**

ECTED 40CFR257 APPENDIX III CONSTITUENTS plus Sr								
Calcium	**Chloride**	**Strontium**	**Sulfate**	**Total Dissolved Solids**	**Aluminum**	**Antimony**	**Arsenic**	**Barium**
NA	NA	NA	NA	NA	NA	NA	NA	NA
112	9.9	2370	220	470	4260	**7.07**	**310**	226
NA	NA	NA	NA	NA	NA	NA	NA	NA
99.5	10	2230	200	450	3350	**3.67**	**512**	204
96.7	10	2200	180	410	2710	**4.03**	**674**	191
93.4	11	2160	190	420	2940	**4.65**	**658**	192
NA	NA	NA	NA	NA	NA	NA	NA	NA
83	10	2040	160	410	2760	**5.55**	**728**	168
86.4	10	1920	160	410	2750	**5.58**	**735**	149
85.8	10	2070	170	400	2900	**4.55**	**641**	171
88.7	10	2120	190	400	2940	**3.19**	**638**	172
88.9	10	2000	180	400	2810	**4.14**	**637**	159
89.4	10	1990	170	410	2390	**4.04**	**603**	146
93.4	10	2090	210	400	3250	**2.99**	**567**	160
92.6	11	2070	180	410	3220	**3.18**	**527**	153
89.8	11	2100	170	370	3630	**3.66**	**608**	154
91.5	10	2100	200	370	3800	**3.58**	**585**	147
80.4	9.9	1950	170	390	3320	**6.82**	**537**	NA
85.4	10	1880	170	439	3890	**5.1**	**725**	NA
68.9	13	168	19	330	32	<1	<1	32
NA	NA	NA	NA	NA	NA	NA	NA	NA
62	13	169	20	350	25	<1	<1	30
66.3	15	178	20	330	47	<1	<1	31
60.7	14	176	20	350	39	<1	<1	32
NA	NA	NA	NA	NA	NA	NA	NA	NA
66.4 M4	15	187	20	380	14	<1	<1	32
70.4	15	176	20 M2	360	9	<1	<1	29
68	16	189	20	350	9	<1	<1 M4	34
69.2	15	178	20	340	10	<1	<1	33
70.1	16	179	21	350	7	<1	<1	31

64.5	15	178	20	360	5	<1	<1	29
69	15	173	20	340	6	<1	<1	31
68.1	16	179	21	340	9	<1	<1	31
67.6	16	185	20	320	6	<1	<1	31
68.8	15	178	19	320	4.988 j	<1	<1	30
66.3	15	173	19	390	5.467 j	<1	<1	NA
65.7	16	172	20	424	3.114 j	<1	<1	NA
72.7	8.1	2090	120	310	3360	**5.08**	**565**	243
NA	NA	NA	NA	NA	NA	NA	NA	NA
64.4	49	2050	150	340	2670	**4.59**	**568**	201
69.1	7.5	2100	126	322	2300	**4.3**	**551**	240
59.8	8.3	2040	130	310	2410	**3.91**	**525**	224
41.2	8.1	1340	78	280	285	<1	**612**	367
48.6	8.4	1250	27	250	123	<1	**487**	542
41.2	8.2	1290	54	250	166	<1	**534 M4**	506
39.4	7.6	978	12	280	65	<1	**370**	670
39.7	8.5	948	16	230	67	<1	**477**	626
36.1	8.2	954	14	260	95	<1	**398**	594
28.7	7.9	880	56	230	73	<1	**494**	350
27.5	8.5	887	67	240	71	<1	**447**	342
37.8	7.6	1210	76	240	167	0.365 j	**631**	380
41.1	7.2	1220	37	230	93	<1	**567**	515
29.8	8.1	604	3.8	220	84	<1	**144**	NA
26.1	8.3	712	40	271	24	**1.16**	**500**	NA
89.4	27	497	73	360	159	<1	<1	80
NA	NA	NA	NA	NA	NA	NA	NA	NA
94.7	23	2740	52	360	680	<1	<1	290
105	25.4	1700	59.1	354	520	<0.5	0.77	370
97.2	31	958	90	340	222	<1	<1	280
79.7	27	658	70	280	192	<1	<1	217
103	29	582	99	450	17	<1	<1	133
16.6	24	426	54	190	18	<1	<1 M4	92
110	26	568	110	480	14	<1	<1	160
103	30	539	92	450	13	<1	<1	170
107	28	545	94	490	13	<1	<1	175
92.2	27	598	71	430	54	<1	<1	194
105	28	519	82	430	6	<1	<1	150
99.4	26	478	75	410	6	<1	0.517 j	138
112	29	541	91	410	9	<1	0.348 j	162
114	26	550	98	450	9.106 j	<1	0.4 j	NA
116	28	466	110	488	10	<1	<1	NA
120	1.6	886	**890**	**1200**	30400	<1	**10.4**	28
NA	NA	NA	NA	NA	NA	NA	NA	NA
403	6.7	2520	**2300**	**3000**	711	<1	**17.4**	27
172	6.9	1420	**990**	**1500**	9530	<1	7.79	23

112	8.5	1040	**640**	**890**	16400	<1	5.07	23
159	4.1	1170	**1900**	**1400**	47300 M4	<1	7.12	17
193 B1	4	1360	**990**	**1400**	33700 M4	<1	7	19
152 M4	4.3	984	**910**	**1200**	25800	<1	3.36	23
142	2.7	989	**1100**	**1100**	26700	<1	7.09	20
265	3.2	1680	**2500**	**2400**	125000	<1	7.66	14
137	4.6 j	742	**2000**	**1400**	84400	<1	4.35	14
114	4.54 j	691	**1700**	**1200**	60200	<1	4.38	21
125	5.7	891	**1500**	**1000**	42600	<1	2.69	22
90.8	4.265 j	546	**510**	**720**	22100	<1	1.95	NA
206	7	1540	**1100**	**815**	8900	0.337 j	1.02	NA
536	13	2100	**3400**	**4300**	810	<1	1.19	51
NA	NA	NA	NA	NA	NA	NA	NA	NA
474	14	2190	**3100**	**4100**	3790	<1	1.66	27
462	20	1850	**2700**	**4000**	812	<1	<1	21
505	17	1850	**2300**	**3900**	674	<1	<1	19
491 M4	18	1850	**3200**	**4300**	429	<1	<1	20
516 B1	18	1860	**2700**	**4200**	471	<1	<1	21
481	17	1860	**2700**	**4000**	735	<1	<1	20 M2
486	13	1920	**3100**	**3900**	899	<1	<1	17
494	14	1980	**2700**	**3900**	1150	<1	<1	18
472	15	1860	**2600**	**4000**	1060	<1	0.523 j	18
464	17	1730	**2500**	**4000**	514	<1	<1	19
433	10	1660	**2800**	**3400**	671	<1	0.341 j	20
430	14	1680	**2200**	**3300**	728	<1	0.374 j	NA
513	17	1910	**2800**	**3450**	328	<1	<1	NA
171	12	711	**440**	**890**	328	<1	<1	33
155 B1	14	733	**500**	**880**	404	<1	<1	41
159	9.4	734	**420**	**810**	2260	<1	<1	57
179	9.8	720	**430**	**890**	214	<1	<1	33
192	9.4	809	**470 M2**	**900**	181	<1	<1 M4	37
206 B1	9.1	818	**500**	**920**	285	<1	<1	35
178	10	806	**470**	**870**	39	<1	<1	31
44.4	10	839	**430**	**740**	13	<1	<1	33
184	9.7	818	**490**	**870**	232	<1	<1	29
205 M4	11	831	**540**	**940**	5	<1	<1	29
179	10	833	**500**	**880**	65	<1	<1	29
198 M4	10	805	**490**	**840**	21	<1	<1	28
164	9.8	805	**460**	**800**	15	<1	<1	NA
157	9.8	749	**470**	**867**	42	<1	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
564	60	9890	**2100**	**3800**	89	<1	**976**	64
NA	NA	NA	NA	NA	NA	NA	NA	NA
490	69	10100	**2200**	**3800**	113	<1	**959**	51
420	72	9370	**2000**	**3600**	81	<1	**1070**	44

502	76	9300	**2100**	**3300**	102	<1	**1160**	43
464	78	9740	**1900**	**3600**	170	<1	**944**	42
336	74	9480	**2000**	**3600**	423	<1	**879**	44
507	77	9250	**2200**	**3600**	1290	<1	**892**	54
508 B1	84	9390	**2100**	**3700**	518	<1	**915**	42
515	82	8750	**2200**	**3700**	320	<1	**932**	37
494	82	8670	**2200**	**3800**	404	<1	**991 M4**	36
506	83	9620	**2100**	**3700**	318	<1	**957**	39
520	86	8940	**2200**	**3700**	303	<1	**951**	35
537	90	9140	**2200**	**3800**	76	<1	**951**	33
39.7	8.1	180	15	250	204	<1	<1	99
NA	NA	NA	NA	NA	NA	NA	NA	NA
37.1	8.2	194	2.1	220	334	<1	<1	265
36.8	8.1	186	0.88	220	158	<1	<1	213
38.8	8.2	182	1.4	230	130	<1	<1	146
40.7	8.2	174	10	220	59	<1	<1	150
42.1	8.6	181	12	260	575	<1	<1	200
43.6	9.4	179	17	270	251	<1	<1	169
44.7	8.9	190	17	270	2780	<1	<1	169
43.6	9.7	180	19	260	510	<1	<1	148
41.8	8.4	159	18	280	109	<1	<1	75
40.5	9.5	182	20	250	235	<1	<1	132
41.4	9.6	176	19	220	240	<1	<1	100
39.3	9.9	183	20	230	376	<1	<1	95
280	65	4860	**850**	**1600**	164	<1	**286**	77
NA	NA	NA	NA	NA	NA	NA	NA	NA
265	55	4140	**960**	**1700**	311	<1	**199**	73
183	53	3650	**1000**	**1900**	102	<1	**209**	68
321	58	4360	**1200**	**2000**	46	<1	**214**	71
329	71	4820	**1300**	**2300**	31	<1	**260**	55
332	77	4680	**1200**	**2400**	47	<1	**250**	53 M2
360	86	4460	**1200**	**2100**	23	<1	**251**	48
NA	NA	NA	NA	NA	NA	NA	NA	NA
346 B1	95	4050	**1200**	**2200**	48	<1	**277**	48
396	96	5010	**1300**	**2400**	50	<1	**348**	49
369 B2,,B3	100	4290	**1400**	**2500**	17	<1	**280**	45
368	95	4770	**1300**	**2300**	16	<1	**280**	47
360	110	4740	**1200**	**2200**	16	<1	**295**	45
372	100	4650	**1300**	**2200**	12	<1	**330**	46
407	99	5080	**1400**	**2300**	5	<1	**339**	46
38.7	8.9	421	<0.1	210	54	<1	2.64	144
NA	NA	NA	NA	NA	NA	NA	NA	NA
40.7	11	487	0.13	200	194	<1	3.11	156
35.4	11	461	<0.1	200	65	<1	2.55	138
37.4	11	464	<0.1	220	122	**1.24**	2.69	147

37.6	11	442	0.1	230	201	<1	3.29	150
35.8	13	425	0.44	230	206	<1	2.65	143
36.7	15	413	1.3	230	241	**1.28**	2.66	137
37.7 B1	15	419	2.4	280	204	<1	2.98	143
37.4	18	448	7	240	179	<1	2.81	140
44.8 B2,,B3	13	384	2.8	210	121	<1	3.11	130
40.8	18	460	8.3	250	135	**1.09**	2.88	150
43.8	17	463	6	220	101	0.691 j	3.02	160
44.7	15	489	9.2	260	282	<1	2.86	165
49.3	15	517	16	240	95	<1	2.81	175
52.7	16	562	26	290	39	<1	2.47	NA
57.2	20	599	45	332	170	<1	2.82	NA
268	7.5	13600	**570**	**890**	515	**2.06**	**422**	592
NA	NA	NA	NA	NA	NA	NA	NA	NA
65.7	7.8	7100	180	**740**	54	<1	**246**	594
136	3	6690	92	**650**	57	<1	**477**	**1180**
156	8.2	8360	160	**750**	29	<1	**540**	**922**
164	8.1	8400	200	**780**	95	<1	**589**	**708**
183	7.4	9670	240	**800**	204	<1	**497**	594
165	8.5	7740	130	**700**	241	<1	**361**	**859**
167	8.5	8910	190	**770**	24	<1	**442**	661
183	7.9	10800	220	**780**	39	<1	**592**	558
200	7.7	11600	220	**800**	25	<1	**570**	617
185	7.5	9890	170	**740**	17	<1	**378**	**738**
187	7.2	9880	140	**700**	15	<1	**269**	**725**
154	8.6	7450	96	**670**	28	<1	**316**	NA
153	7.4	7410	68	**730**	8.007 j	<1	**281**	NA
68	11	247	48	220	504	<1	<1	45
NA	NA	NA	NA	NA	NA	NA	NA	NA
151	8.7	206	58	350	87	<1	<1	81
58.7	9.7	206	55	330	25	<1	<1	60
67.1	9.8	208	58	400	20	<1	<1	61
NA	NA	NA	NA	NA	NA	NA	NA	NA
59.2	9.4	200	58	350	9	<1	<1	45
61.1 M4	9	203	57	360	57	<1	<1	48
64.6	11	199	72	350	11	<1	<1	42
60.3	8.8	208	58	340	21	<1	<1	46
61.3	9.3	192	62	330	11	<1	<1	38
64.2	8.7	173	60	340	7	<1	<1	31
61.8	9.6	206	61	330	9	<1	<1	35
61.5	9.3	203	60	310	10	<1	<1	41
60.2	4.2	200	64	330	10	<1	3.57	35
65.2	9.5	216	60	320	7	<1	<1	37
64.3	10	217	62	370	9.851999 j	<1	<1	NA
62.7	9.3	219	57	390	8.205 j	<1	<1	NA

114	14	3540	250	480	719	**6.09**	**250**	139
NA	NA	NA	NA	NA	NA	NA	NA	NA
113	17	4180	**300**	**560**	1880	**5.53**	**378**	176
164	19	5190	**400**	**660**	1940	**4.56**	**364**	179
169	19	5070	**410**	**740**	2050	**4.7**	**364**	180
188	25	5500	**630**	**830**	2110	**4.89**	**370**	191
204 B1	21	5470	**500**	**860**	1940	**4.56**	**353**	172
192	100	5110	**520**	**860**	2120	**4.7**	**353**	173
174	21	4870	**390**	**820**	2270	**4.61**	**370**	154
85.7	13	248	150	460	52	<1	<1	21
NA	NA	NA	NA	NA	NA	NA	NA	NA
82.6	13	246	140	480	12	<1	<1	18
79.7	13	240	140	470	5	<1	<1	17
83.9	14	246	150	480	14	<1	<1	17
74.4 M4	14	240	110	450	18	<1	<1	16
81.5	14	227	110	460	7	<1	<1	13
83.7	14	248	120	460	9	<1	<1	17
80.3 B1	13	236	130	440	6	<1	<1	15
80	14	233	120	420	9	<1	<1	15
84.5	23	223	**260**	450	61	<1	<1	15
82.2	13	248	110	420	7	<1	<1	17
80.6	14	241	130	420	4.511 j	<1	<1	16
78.3	13	235	110	430	3.054 j	<1	<1	15
80	14	241	110	420	16	<1	<1	16
79	14	243	120	450	27	0.903 j	<1	NA
72.2	14	228	120	452	4.076 j	<1	<1	NA
92.5	18	729	140	490	104	<1	1.66	17
94.4 B1	13	717	250	**520**	125	<1	1.3	17
96.8	9.8	782	**300**	**520**	12	<1	<1	16
105	9.1	745	**300**	**600**	11	<1	<1	14
96.4	9.7	754	**410**	**590**	15	<1	1.52	18
103 B1	11	734	**350**	**570**	16	<1	1.46	13
82 M4	12	621	240	500	9	<1	2.13	17
86.7 B3	12	597	240	490	11	<1	2.4	14
86	12	680	220	490	17	<1	2.2	18
115	16	873	**270**	**550**	10	<1	0.515 j	13
111	14	825	250	**560**	5	<1	0.729 j	14
105	14	804	250	**530**	4.072 j	<1	0.888 j	15
106	15	797	230	**530**	4.515 j	<1	0.885 j	NA
97.4	15	747	210	**541**	1.932 j	<1	0.955 j	NA
75	15	634	90	400	284	<1	0.852 j	15
75.8	15	632	73	416	407	0.389 j	0.685 j	12
79.2	15	667	71	423	1230	**1.34**	0.993 j	18
NA	14.2	NA	12.5	299	713	<0.5	<5	69.7
NA	13.4	NA	11.7	282	330	<0.5	<5	73.1

NA	12.7 b	NA	11.6 b	248 b	<100	<0.5	<5	84 b
NA	13.4	NA	12.4	263 b	201	<0.5	<5	75.6
NA	15.5	NA	11.7	298	301	<0.5	<5	72.3
NA	14.5	NA	14.2	312	734	<0.5	<5	81
NA	15	NA	14.3	300	438	<0.5	<5	84.2
NA	14	NA	11	310	110	<1	<1	79
NA	15	NA	12	330	300	<1	<1	83
NA	14	NA	12	320	438	<1	<1	83
NA	17	NA	13	320	311	<1	<1	86
NA	16	NA	14	330	205	<1	<1	81
NA	16	NA	13	310	373	<1	<1	87
46.7	16	NA	40	370	278	<1	<1	95
44.7	17	NA	24	360	476	<1	<1	90
40.4	16	414	27	320	801	<1	<1	91
43.3 B2	17	449	25	350	587	<1	<1	92
44.2	16.4	440	20.6	331	310	<0.5	<0.5	86
43.4	18	445	23	350	434	<1	<1	91
44.6	21	436	24	330	1550	<1	<1	97
43.8 B1	20	442	21	330	323	<1	<1	90
41.7	18	443	19	330	830	<1	<1	91
45.4	20	442	20	340	458	<1	<1	89
42.5	18	457	19	340	346	<1	<1	87
NA	NA	NA	NA	NA	NA	NA	NA	NA
43.1	19	456	18	320	224	<1	<1	91
45 M4	19	448	18	340	206	<1	<1	89
43.6 B3	19	422	22	340	335	<1	<1	88
44.7	20	455	17	340	156	<1	<1	89
45.5	20	439	17	340	187	<1	<1	86
42.9 B2	17	426	19	330	104	<1	<1	86
47.9 B2	17	459	19	320	61	<1	<1	89
45.3	17	445	17	330	167	<1	<1	83
45.2	18	469	18	340	268	<1	<1	94
46.3	17	469	17	340	277	<1	<1	94
46.6	19	455	17	330	24	<1	<1	88
46.2 B3,M4	18	449	17	340	26	<1	<1	87
44.5	19	458	18	330	20	<1	<1	89
47.3	18	473	18	310	15	<1	<1	92
46.8	20	464	16	340	50	<1	<1	NA
47.5	20	463	16	350	57	<1	<1	96
45.8	21	454	18	347	239	<1	<1	93
48.8	20	453	19	351	97	<1	<1	NA
45.2	19	430	17	379	68	<1	<1	90
65.5	15	183	28	350	174	<1	<1	21
NA	NA	NA	NA	NA	NA	NA	NA	NA
58.1	13	160	20	300	19	<1	<1	27

59.3	11.7	160	15	297	<100	<0.5	<0.5	30
58.2	12	163	21	330	118	<1	<1	33
60.3	13	166	20	300	19	<1	<1	29
61.3	14	162	20	300	181	<1	<1	37
59.7 M4	12	171	20	260	71	<1	<1	33
58.9	13	169	19	330	19	<1	<1	31
60.9	13	183	19	330	12	<1	<1	33
60.6	13	179	19	310	24	<1	<1	39
62.6	13	168	19	320	9	<1	<1	37
58.1 B2	13	166	18	320	27	<1	<1	29
61.2	13	177	17	320	224	<1	<1	37
60.3	13	173	19	300	38	0.482 j	0.421 j	39
62.9	14	189	17	330	4.638 j	0.346 j	0.483 j	31
60.5 M4	13	177	17	310	10	<1	0.461 j	31
61.5	13	169	18	290	3.032 j	<1	0.342 j	NA
68.5	14	192	16	336	6.31 j	<1	0.449 j	NA
137 M4	10	1170	**290**	**680**	32500	<1	3.94	202
84.1	7.5	544	**280**	34	270	<1	1.92	41
73	**320**	1010	**330**	**1200**	1320	**1.76**	8.68	92
55.9 B2	**380**	819	**390**	**1100**	584	**2.14**	**10.5**	55
72.5	180	806	180	**760**	102	**1.56**	7.23	58
63.3 B3	120	533	110	**610**	194	**1.14**	8.48	44
59.6	130	669	140	**580**	117	**1.14**	8.4	64
61.9	110	823	110	**550**	144	**1.56**	7.47	91
66.6 M4	83	589	85	500	301	<1	4.5	48
54.3	79	567	79	460	128	<1	6.02	58
65.9	67	761	66	360	12	0.365 j	4.49	NA
69	65	680	63	428	4.534 j	0.405 j	4.45	NA
41.2 M4	23	442	16	350	3080	<1	<1	121
40.9	21	442	14	340	1120	<1	<1	99
50.1 M4	21	438	14	310	208	<1	<1	90
65.1	22	268	21	320	115	<1	2.39	18
65.1 B2	18	285	15	330	56	<1	2.7	17
72.5	33	306	27	350	60	<1	2.57	14
29.6	29	273	34	270	250	<1	1.96	26
60.4	35	293	26	330	40	<1	2.16	14
2.85	28	153	36	310	12	<1	2.03	11
45.8	34	284	42	350	7.99 j	<1	2.14	NA
7.22	30	192	47	388	8.183 j	<1	2.1	NA
92.2	6.2	NA	30	460	NA	<1	<1	46
88.2	8	NA	35	490	NA	<1	6.21	35
88.1 B2	7.4	NA	33	470	NA	<1	7.76	48
98.7 B2	6	NA	29	460	NA	<1	5.53	66
93.1	6	NA	29	490	NA	<1	3.9	62
89.9	6.4	NA	29	450	NA	<1	4.53	60

91.8	5.9	NA	29	460	NA	<1	2.92	56
90.1	5.5	NA	28	490	NA	<1	3.85	53
89.6 B2	5.2	NA	28	480	NA	<1	3.94	48
87.9 B2	5	NA	28	450	NA	<1	3.93	47
88.9 M4	5.4	NA	28	460	NA	<1	2.82	45
84.7	4.9	NA	27	430	NA	<1	1.89	41
84 B2	5	NA	28	420	NA	<1	1.74	40
85.7	5	NA	28	467	NA	<1	2.79	40
48.1	4.8	NA	22	500	NA	<1	<1	139
53.5 M4	5.1	NA	26	**580**	NA	<1	<1	159
49.3 B2	4.4	NA	23	500	NA	<1	<1	132
47.3 B2	3.2	NA	23	460	NA	<1	<1	130
44.6	3.7	NA	23	470	NA	<1	<1	126
43.3	3.9	NA	24	420	NA	<1	<1	128
45.6	3.6	NA	25	460	NA	<1	<1	144
44.6	3.4	NA	24	450	NA	<1	<1	141
44.2 B2	3.1	NA	23	460	NA	<1	<1	131
37.6 B2	4.2	NA	23	410	NA	<1	<1	116
40.8	4.3	NA	23	440	NA	<1	<1	119
42.5	3.5	NA	22	410	NA	<1	<1	130
42.8 B2	3.1	NA	22	430	NA	<1	0.342 j	120
42	2.8	NA	20	451	NA	<1	<1	120
62.3	14	NA	24	390	NA	<1	4.06	13
44.1	14	NA	24	380	NA	<1	3.5	28
53.8 B2	15	NA	20	370	NA	<1	3.1	39
66.3 B2	13	NA	19	400	NA	<1	2.29	27
78	14	NA	17	400	NA	<1	2.18	28
81.5	15	NA	18	390	NA	<1	1.71	22
88.9	14	NA	18	430	NA	<1	1.71	25
89.1	14	NA	18	410	NA	<1	1.75	20
90 B2	14	NA	19	420	NA	<1	1.11	15
86.8	14	NA	18	380	NA	<1	1.42	16
89.3	15	NA	19	400	NA	<1	1	14
90.4 M4	15	NA	20	400	NA	<1	0.808 j	13
96.3	14	NA	19	440	NA	<1	0.883 j	12
92.4	15	NA	18	402	NA	<1	0.67 j	12
40.6	17	NA	0.93	350	NA	<1	1	430
42.3	17	NA	2.6	**710**	NA	<1	1.13	677
44.3 B2	18	NA	3.2	380	NA	<1	1.75	564
48 B2	16	NA	3.8	360	NA	<1	1.25	**845**
47.2	16	NA	4	380	NA	<1	1.2	**726**
47	17	NA	5.6	360	NA	<1	1.29	**880**
49.8 M4	15	NA	5.3	390	NA	<1	1.34	272 M2
43.6	15	NA	4.5	370	NA	<1	1.46	**908**
50.6 B2	16	NA	3.7	380	NA	<1	1.75	**930**

44.3	15	NA	3.5	360	NA	<1	1.58	**831**
46.5	15	NA	4.5	340	NA	<1	1.46	**933**
44.7	15	NA	2.9	320	NA	<1	1.46	**858**
45.9	16	NA	2.3	350	NA	<1	1.5	**822**
44.7	16	NA	1.7	348	NA	<1	1.58	**874**
143	15	NA	**370**	**870**	NA	<1	<1	<5
140	16	NA	**390**	**870**	NA	<1	<1	<5
136	14	NA	**370**	**870**	NA	<1	<1	<5
133	14	NA	**350**	**870**	NA	<1	<1	<5
132 M4	14	NA	**350**	**840**	NA	<1	<1	<5
133	16	NA	**370**	**840**	NA	<1	<1	<5
142	15	NA	**360**	**850**	NA	<1	<1	<5
129	15	NA	**320**	**790**	NA	<1	<1	<5
131 B2,M4	15	NA	**420**	**780**	NA	<1	<1	<5
130	15	NA	**340**	**810**	NA	<1	<1	<5
134	16	NA	**360**	**810**	NA	<1	<1	<5
126	15	NA	**390**	**800**	NA	<1	<1	<5
137	16	NA	**390**	**830**	NA	<1	<1	<5
133	16	513	**390**	**797**	7.36 j	<1	<1	<5
132	15	NA	**360**	**819**	NA	<1	<1	<5
216	31	NA	**720**	**1400**	NA	<1	<1	32
213	31	NA	**750**	**1400**	NA	<1	<1	28
188 M4	28	NA	**600**	**1200**	NA	<1	<1	45
214	28	NA	**640**	**1300**	NA	<1	<1	36
200	29	NA	**650**	**1300**	NA	<1	<1	40
188 M4	30	NA	**660**	**1200**	NA	<1	<1	34
205	29	NA	**630**	**1200**	NA	<1	<1	33
189	27	NA	**580**	**1200**	NA	<1	<1	31
189 B2,M4	28	NA	**590**	**1200**	NA	<1	<1	30
208	29	NA	**820**	**1300**	NA	<1	<1	29
207	30	NA	**670**	**1300**	NA	<1	<1	28
201	29	NA	**680**	**1300**	NA	<1	<1	28
202	29	NA	**630**	**1200**	NA	<1	<1	29
188	28	NA	**550**	**1230**	NA	<1	<1	28
267	41	NA	**1100**	**2000**	NA	<1	<1	39
288	41	NA	**1100**	**2000**	NA	<1	<1	31
272 B2	45	NA	**1100**	**2000**	NA	<1	<1	28
284	39	NA	**1000**	**1900**	NA	<1	<1	68
271	40	NA	**1000**	**2000**	NA	<1	2.36	102
277	43	NA	**1100**	**1900**	NA	<1	1.37	66
311 M4	43	NA	**1100**	**1900**	NA	<1	<1	52
283	41	NA	**1000**	**2000**	NA	<1	<1	46
274 B2,M4	45	NA	**1100**	**1900**	NA	<1	<1	37
260	41	926	**970**	**1800**	684 B3	<1	<1	42
250	39	NA	**1000**	**1900**	NA	<1	<1	36

263	41	NA	**1000**	**1800**	NA	<1	0.51 j	27
262	41	NA	**430**	**1900**	NA	<1	0.604 j	48
302	41	NA	**1100**	**1900**	NA	<1	0.428 j	32
272	47	NA	**1000**	**1940**	NA	<1	0.346 j	26
84.1	30	NA	**290**	**720**	NA	<1	<1	71
76.8	33	NA	**280**	**700**	NA	<1	<1	78
60 B2	28	NA	190	**580**	NA	<1	<1	62
67.4	29	NA	180	**560**	NA	<1	<1	64
75.4 B2	32	NA	**330**	**660**	NA	<1	<1	75
66.7	34	NA	240	**620**	NA	<1	<1	67
79.9	42	NA	**400**	**580**	NA	<1	<1	79
61.2	30	NA	220	**600**	NA	<1	<1	67
56.6 B2,M4	29	NA	230	**510**	NA	<1	<1	57
51.8	28	NA	150	490	NA	<1	<1	54
77.5	34	NA	**280**	**700**	NA	<1	<1	75
65.2	33	NA	250	**590**	NA	<1	<1	68
77	33	NA	**290**	**620**	NA	<1	<1	78
58.4	28	NA	190	**533**	NA	<1	<1	59
162	19	NA	**370**	**910**	NA	<1	<1	79
154	19	NA	**370**	**920**	NA	<1	<1	74
143 B2	15	NA	**340**	490	NA	<1	<1	72
148	16	NA	**320**	**880**	NA	<1	<1	68
157 B2	16	NA	**420**	**900**	NA	<1	<1	80
146	17	NA	**330**	**870**	NA	<1	<1	67
160	16	NA	**440**	**770**	NA	<1	<1	71
147 B1,M4	15	NA	**320**	**870**	NA	<1	<1	66
152 B2,M4	15	NA	**430**	**870**	NA	<1	<1	68
149	15	NA	**320**	**900**	NA	<1	<1	71
163	16	NA	**350**	**900**	NA	<1	<1	73
168	15	NA	**400**	**930**	NA	<1	<1	75
177	15	NA	**450**	**1000**	NA	<1	<1	76
178	14	NA	**460**	**1050**	NA	<1	<1	75
50.3	19	NA	160	410	NA	<1	<1	93
51.5	20	NA	170	440	NA	<1	<1	103
59.5 B2	18	NA	210	410 N1	NA	<1	<1	99
71.1	18	NA	250	**530**	NA	<1	<1	107
83.1 B2	18	NA	**410**	**650**	NA	<1	<1	87
77.6	20	NA	**310**	**620**	NA	<1	<1	86
80.5	19	NA	**380**	470	NA	<1	<1	83
43.9	22	NA	130	390	NA	<1	<1	61
60.8 B2,M4	21	NA	**260**	470	NA	<1	<1	73
87.4	19	NA	**330**	**660**	NA	<1	<1	85
70.5	21	NA	240	**530**	NA	<1	<1	62
92.1 B2	19	894	**340**	**690**	3.3 j	<1	<1	73
88.5	18	NA	**350**	**680**	NA	<1	<1	70

74.8 B1	19	NA	**270**	**520**	NA	<1	<1	60
74.2	18	NA	**280**	**575**	NA	<1	<1	62
193	29	NA	**850**	**1600**	NA	<1	<1	28
221	30	NA	**960**	**1800**	NA	<1	<1	31
209 B2	29	NA	**1100**	**590**	NA	<1	<1	27
212	27	NA	**970**	290	NA	<1	<1	29
212	27	NA	**1000**	**1800**	NA	<1	<1	31
233	30 B2	NA	**1100**	**1800**	NA	<1	<1	35
276	27	NA	**1300**	**1900**	NA	<1	<1	35
255 M4	26	NA	**1300**	**2200**	NA	<1	<1	35
253 B2M4	26	NA	**1200**	**2000**	NA	<1	<1	33
210	25	NA	**1000**	**1800**	NA	<1	<1	32
254	25	NA	**1300**	**2100**	NA	<1	<1	35
254 B2	25	1490	**1200**	**2100**	3.7 j	<1	<1	33
261	23	NA	**520**	**2100**	NA	<1	<1	32
253	23	NA	**1200**	**2000**	NA	<1	<1	30
242	22	NA	**1100**	**1970**	NA	<1	<1	29
169	150	NA	**410**	**1200**	NA	<1	<1	96
133	130	NA	**290**	**980**	NA	<1	<1	75
121 B2	130	NA	**270**	**900**	NA	<1	<1	64
123	120	NA	**270**	**920**	NA	<1	<1	64
126	120	NA	**280**	**950**	NA	<1	<1	61
137	130	NA	**320**	**970**	NA	<1	<1	63
148 M4	120	NA	**330**	**870**	NA	<1	<1	64
128	120	NA	**360**	**1100**	NA	<1	<1	57
147 B2,M4	170	NA	**470**	**1100**	NA	<1	<1	65
151 M4	160	NA	**450**	**1000**	NA	<1	<1	58
155	130	NA	**410**	**1200**	NA	<1	<1	65
168	140	NA	**490**	**1300**	NA	<1	<1	66
185	170	NA	**700**	**1300**	NA	<1	<1	67
174	160	NA	**650**	**1310**	NA	<1	<1	60
347	25	NA	**1400**	**2300**	NA	<1	<1	23
314	26	NA	**1400**	**2300**	NA	<1	<1	20
304 B2	31	NA	**1500**	**2300**	NA	<1	<1	17
347	35	NA	**1300**	**20000**	NA	<1	<1	16
294	34	NA	**1300**	**2000**	NA	<1	<1	19
312	38 B2	NA	**1400**	**1600**	NA	<1	<1	16
332	32	NA	**1300**	**1800**	NA	<1	<1	22
328	28	NA	**1400**	**2100**	NA	<1	<1	21
312 B2	35	NA	**1400**	**2100**	NA	<1	<1	16
156	20	NA	**610**	**950**	NA	<1	<1	11
311	27	NA	**1100**	**2000**	NA	<1	<1	20
323	24	NA	**1300**	**2100**	NA	<1	<1	21
315 M4	19	NA	**1100**	**1800**	NA	0.49 j	<1	37
NA	NA	NA	NA	NA	NA	NA	NA	NA

372	36	NA	**1300**	**2100**	NA	0.703 j	<1	19
234 M4	160	NA	**590**	**1400**	NA	<1	<1	65
216	170	NA	**620**	**1500**	NA	<1	<1	59
200 B1, M4	150	NA	**500**	**1300**	NA	<1	<1	55
186	140	NA	**440**	**1200**	NA	<1	<1	52
189	130	NA	**400**	**1200**	NA	<1	<1	53
191	130 B2	NA	**470**	**1200**	NA	<1	<1	55
206	180	NA	**510**	**1100**	NA	<1	<1	55
207	130	NA	**550**	**1400**	NA	<1	<1	53
212 B2,M4	160	NA	**520**	**1400**	NA	<1	<1	53
178	130	NA	**420**	**1100**	NA	<1	<1	49
207	110	NA	**520**	**1300**	NA	<1	<1	53
247	120	NA	**740**	**1600**	NA	<1	<1	60
264	120	NA	**920**	**1800**	NA	<1	<1	50
NA	NA	NA	NA	NA	NA	NA	NA	NA
271	200	NA	**980**	**1660**	NA	<1	<1	47
21.4	3.9	NA	17	180	NA	<1	<1	22
26.5	4.4	NA	22	220	NA	<1	<1	25
27.6 B2	5	NA	21	300	NA	<1	<1	25
26.3	4.9	NA	19	220	NA	<1	<1	25
25.2	5.3	NA	19	200	NA	<1	<1	24
24.6 M4	4.8 B2	NA	19	210	NA	<1	<1	21
24.5 B1	4.7	NA	20	170	NA	<1	<1	20
25.4	4.7	NA	19	190	NA	<1	<1	18
25.8 B2	4.7	NA	19	200	NA	<1	<1	20
24.6 B2	4.8	NA	19	200	NA	<1	<1	19
24.8	5.2	NA	19	200	NA	0.408 j	0.426 j	18
24.3	4.9	NA	19	170	NA	<1	<1	17
23.8	4.8	NA	19	200	NA	<1	0.409 j	16
24.8	4.8	NA	18	204	NA	0.663 j	0.381 j	17
23.7 M2	4.9	169	19	182	5.627 j	0.359 j	0.389 j	18
66.3 M4	16	213	130	480	113	<1	0.719 j	15
78.4	12	NA	130	460	NA	<1	1.14	19
79.7	12	207	140	450	40	<1	1.36	18
79.6	11	NA	150	470	NA	<1	0.806 j	17
82.1	12	175	140	480	74	<1	0.728 j	16
69.8 M1	11	178	160 M4	**520**	138	<1	0.853 j	NA
75.4	11	NA	160	493	NA	<1	0.593 j	14
75	10	183	160	**526**	35	<1	0.522 j	NA
60.1	9.7	255	110	440	209	<1	<1	32
61.2	9.6	NA	110	410	NA	<1	<1	28
59.8	9.6	287	120	410	91	<1	<1	33
66.9	9.2	NA	140	440	NA	<1	<1	22
69.1	9.5	236	130	440	238	<1	<1	22
65.3	8.5	261	140	470	251	<1	<1	NA

64.5	8.9	NA	130	458	NA	<1	<1	17
65.8	8.8	256	130	463	18	<1	<1	NA
46.9	7.7	NA	45	410	NA	<1	<1	117
56.5	7.9 B2	NA	40	400	NA	<1	<1	129
50.6 B2	8.8	NA	41	410	NA	<1	<1	105
49	7.7	NA	40	360	NA	<1	<1	120
50.6 M4	8.1	NA	40	380	NA	<1	<1	113
49	8	NA	42	360	NA	<1	<1	106
44.5 B1	7.9	NA	45	390	NA	<1	<1	103
47.4	7.9	NA	46	370	NA	<1	<1	100
48.2 B2	8.3	NA	45	390	NA	<1	<1	99
47.7	7.8	NA	42	380	NA	<1	<1	98
45.6	7.6	NA	45	380	NA	<1	<1	97
47.6	7.7	NA	43	380	NA	<1	<1	99
0.0099 j	7.6	NA	45	390	NA	<1	<1	<5
47.4	7.1	NA	39	411	NA	<1	<1	97
660	18	NA	**3500**	**2800**	NA	<1	<1	40
685 M4	17 B2	NA	**3300**	**5700**	NA	<1	<1	34
712 B2	19	NA	**3700**	**5400**	NA	<1	<1	29
659	15	NA	**3300**	**57000**	NA	<1	<1	32
745	18	NA	**3400**	**5300**	NA	<1	<1	28
746	17	NA	**3500**	**5400**	NA	<1	<1	28
733 B1	18	NA	**3700**	**5500**	NA	<1	<1	28
737	18	NA	**3700**	**5800**	NA	<1	<1	27
748 B2	19	NA	**3800**	**6000**	NA	<1	<1	24
814	19	NA	**3800**	**5900**	NA	<1	<1	26
713	19	NA	**3700**	**5700**	NA	<1	0.453 j	26
689	18	NA	**3700**	**5600**	NA	<1	<1	26
728	19	NA	**3500**	**5500**	NA	<1	<1	26
724	18	NA	**3300**	**5510**	NA	<1	<1	24
336	43	NA	**1500**	**2700**	NA	<1	<1	33
392	36 B2	NA	**1600**	**2900**	NA	<1	<1	46
374 B2	40	NA	**1800**	**2700**	NA	<1	<1	32
351	36	NA	**1700**	**28000**	NA	<1	<1	33
377	37	NA	**1700**	**2700**	NA	<1	<1	30
383	37	NA	**1800**	**2800**	NA	<1	<1	31
414 B1	35	NA	**920**	**2400**	NA	<1	<1	31
390	36	NA	**1800**	**2900**	NA	<1	<1	29
376 B2,M4	35	NA	**1900**	**2900**	NA	<1	<1	28 M2
426	34	NA	**1900**	**2800**	NA	<1	<1	28
376	34	NA	**1900**	**2800**	NA	<1	<1	29
387 B2	34	1190	**1800**	**2800**	<5	<1	<1	29
384 B2	38	NA	**4500**	**2800**	NA	<1	<1	28
388	36	NA	**1800**	**2700**	NA	<1	<1	26
376	34	NA	**1700**	**2650**	NA	<1	<1	26

354	34	NA	**1900**	**3100**	NA	<1	<1	32
399	31 B2	NA	**1900**	**3100**	NA	<1	<1	25
385 B2	32	NA	**2100**	**2900**	NA	<1	<1	24
423	29	NA	**1800**	**30000**	NA	<1	<1	27
398	31	NA	**2000**	**2800**	NA	<1	<1	24
415	30	NA	**2000**	**2800**	NA	<1	<1	24
434 B1	30	NA	**2100**	**2800**	NA	<1	<1	25
407	29	NA	**2000**	**3200**	NA	<1	<1	23
411 B2	29	NA	**2100**	**3200**	NA	<1	<1	23
466	29	NA	**2100**	**3200**	NA	<1	<1	24
404	28	NA	**2100**	**3100**	NA	<1	<1	23
415 B2	29	1400	**2100**	**3100**	<5	<1	<1	23
411 B2	32	NA	**2100**	**3100**	NA	<1	<1	22
401	28	NA	**1900**	**3000**	NA	<1	<1	21
386	27	NA	**1900**	**2980**	NA	<1	<1	21
159	29	NA	**310**	**910**	NA	<1	<1	133
157	30	NA	**340**	**960**	NA	<1	<1	103
170 B2	32	NA	**350**	**940**	NA	<1	<1	95
91.7	26	NA	6.5	**750**	NA	<1	1.65	375
161	29	NA	**330**	**940**	NA	<1	<1	84
164	31	NA	**340**	**880**	NA	<1	<1	79
179	29	NA	**470**	**790**	NA	<1	<1	83
170 M2	29	NA	**350**	**930**	NA	<1	<1	77
163 B2	29	NA	**430**	**920**	NA	<1	<1	73
183	30	NA	**480**	**920**	NA	<1	<1	71
162	29	NA	**470**	**890**	NA	<1	<1	70
169 B2	30	682	**350**	**920**	3.3 j	<1	<1	71
164	30	NA	**340**	**910**	NA	<1	<1	70
179	29	NA	**490**	**910**	NA	<1	<1	69
172	29	NA	**400**	**971**	NA	<1	<1	64
88.9	31	NA	190	**660**	NA	<1	<1	246
94.4	30	NA	190	**700**	NA	<1	<1	233
98.1 B2	32	NA	220	**670**	NA	<1	<1	223
114 B2	30	NA	230	**710**	NA	<1	1.04	301
104 M4	30	NA	230	**740**	NA	<1	<1	264
119	32	NA	250	**760**	NA	<1	1.34	310
113	31	NA	**270**	**760**	NA	<1	<1	324
114	30	NA	**270**	**800**	NA	<1	<1	243
115 B2,M4	33	NA	**390**	**780**	NA	<1	<1	229
130 M4	31	NA	**300**	**810**	NA	<1	<1	238
132	32	NA	**270**	**770**	NA	<1	0.7 j	187
125 B2	32	858	**300**	**800**	16	<1	<1	183
132	33	NA	**300**	**800**	NA	<1	<1	154
129 M4	31	NA	**340**	**790**	NA	<1	<1	174
130	31	NA	**380**	**830**	NA	<1	<1	168

109	22	NA	28	**860**	NA	<1	<1	316
94.5 M4	21	NA	7.3	**750**	NA	<1	2.3	334
96.5 B2	19	NA	9.6	**790**	NA	<1	3.35	355
165	30	NA	**330**	**900**	NA	<1	<1	99
95.6	29	NA	8	**740**	NA	<1	<1	358
102	31	NA	7.8	**750**	NA	<1	<1	341
111	26	NA	8	**610**	NA	<1	<1	366
104	27	NA	6.7	**770**	NA	<1	<1	359
95.2 B2	27	NA	6.8	**740**	NA	<1	1.01	346
98.4	29	NA	8.2	**740**	NA	<1	<1	336
97.5	28	NA	8.6	**710**	NA	<1	0.459 j	343
94.8	32	NA	8.1	**730**	NA	<1	0.611 j	338
105	31	NA	7.9	**660**	NA	<1	0.361 j	355
97	32	NA	6.7	**767**	NA	<1	0.356 j	326
269	**430**	NA	170	**1900**	NA	<1	<1	47
331	**560**	NA	190	**1900**	NA	<1	<1	49
370 B2	**660**	NA	210	**1800**	NA	<1	<1	52
392	**650**	NA	200	**1900**	NA	<1	<1	58
413	**710**	NA	210	**2400**	NA	<1	<1	63
415	**750**	NA	210	**2400**	NA	<1	<1	66
475	**790**	NA	210	**2000**	NA	<1	<1	70
466	**820**	NA	240	**3400**	NA	<1	<1	70
461 B2	**880**	NA	240	**2900**	NA	<1	<1	73
554	**910**	NA	**360**	**3200**	NA	<1	<1	74
515	**990**	NA	**270**	**3300**	NA	<1	<1	80
542	**1100**	NA	**290**	**3200**	NA	<1	<1	85
598	**1200**	NA	**320**	**3000**	NA	<1	<1	90
653	**1300**	NA	**350**	**3630**	NA	<1	<1	100
262	**650**	NA	81	**1600**	NA	<1	<1	142
270	**730**	NA	79	**2000**	NA	<1	<1	152
250 B2	**690**	NA	84	**1600**	NA	<1	<1	125
239	**610**	NA	74	**1300**	NA	<1	<1	120
256	**600**	NA	77	**2000**	NA	<1	<1	127
243	**670**	NA	78	**1700**	NA	<1	<1	105
291 M4	**780**	NA	80	**2200**	NA	<1	<1	166
311	**880**	NA	98	**3100**	NA	<1	<1	197
273 B2	**780**	NA	88	**2300**	NA	<1	<1	144
307	**940**	NA	92	**2400**	NA	<1	<1	104
316 M4	**850**	NA	100	**2500**	NA	<1	<1	201
356 B2	**1200**	NA	130	**3200**	NA	<1	<1	278
386 B2,M4	**1200**	NA	150	**2600**	NA	<1	<1	342
349	**1100**	NA	110	**2680**	NA	0.501 j	<1	226
331	**960**	NA	120	**2800**	NA	<1	<1	**701**
364	**1100**	NA	130	**2700**	NA	<1	<1	491
361 B2	**1100**	NA	160	**2800**	NA	<1	<1	417

359 M4	**1100**	NA	140	**120000**	NA	<1	<1	388
397	**1200**	NA	160	**3500**	NA	<1	<1	342
406	**1400**	NA	170	**3300**	NA	<1	<1	322
454 B1	**1300**	NA	180	**3400**	NA	<1	<1	321
408	**1200**	NA	170	**3400**	NA	<1	<1	282
435 B2	**1400**	NA	170	**3700**	NA	<1	<1	277
487	**1400**	NA	190	**3900**	NA	<1	<1	243
468	**1300**	NA	190	**3400**	NA	<1	0.337 j	252
500 B2	**1600**	NA	240	**4300**	NA	<1	<1	240
533 B2	**1600**	NA	230	**3200**	NA	0.981 j	<1	233
572	**1700**	NA	**260**	**3850**	NA	**5.23**	<1	216
562	**1600**	NA	**620**	**4400**	NA	<1	3.09	170
507	**1400**	NA	**570**	**4000**	NA	<1	3.32	101
466 B2	**1300**	NA	**610**	**3300**	NA	<1	4.7	86
430	**1300**	NA	**540**	**32000**	NA	<1	1.85	91
384	**950**	NA	**470**	**3200**	NA	<1	1.69	74
353	**960**	NA	**480**	**2700**	NA	<1	<1	68
369 B1	**830**	NA	**450**	**2500**	NA	<1	<1	67
318	**740**	NA	**390**	**2600**	NA	<1	<1	63
326 B2	**720**	NA	**380**	**2600**	NA	<1	<1	62
306	**810**	NA	**480**	**2100**	NA	<1	<1	60
241	**480**	NA	**290**	**1800**	NA	<1	0.789 j	56
219 B2	**470**	NA	**290**	**1700**	NA	<1	0.727 j	56
196 B2	**510**	NA	**330**	**1300**	NA	<1	0.779 j	54
182 M4	**540**	NA	**320**	**1160**	NA	<1	0.67 j	55
658	**1700**	NA	**300**	**4400**	NA	<1	<1	565
482	**1200**	NA	250	**3000**	NA	<1	<1	567
431 M4	**1200**	NA	240	**1800**	NA	<1	1.31	456
752 B2	**1800**	NA	**380**	**53000**	NA	<1	<1	343
865	**2100**	NA	**440**	**6900**	NA	<1	<1	270
798	**2200**	NA	**450**	**5800**	NA	<1	<1	244
796 B1	**2000**	NA	**410**	**4500**	NA	<1	<1	238
816	**2000**	NA	**400**	**5100**	NA	<1	<1	230
685 B2	**1900**	NA	**370**	**6000 H1**	NA	<1	<1	215
737	**1700**	NA	**330**	**3900**	NA	<1	<1	221
732	**1800**	NA	**360**	**4600**	NA	<1	0.369 j	201
715 B2	**2000**	NA	**350**	**5000**	NA	<1	<1	205
844 B2	**2100**	NA	**480**	**4300**	NA	<1	<1	178
878	**2300**	NA	**460**	**5080**	NA	<1	<1	179
674 M4	**1900**	NA	**550**	**4400**	NA	<1	<1	118
183	**430**	NA	**260**	**1300**	NA	<1	<1	49
299 B2	**790**	NA	**330**	**1900**	NA	<1	1.09	59
294 B2	**780**	NA	**290**	**22000**	NA	<1	1.2	66
397	**1100**	NA	**350**	**3500**	NA	<1	1.71	70
363	**1000**	NA	**350**	**2800**	NA	<1	1.38	72

390 B1	**1000**	NA	**360**	**2900**	NA	<1	1.18	74
382	**1000**	NA	**330**	**3200**	NA	<1	1.14	75
414 B2	**1100**	NA	**340**	**3400**	NA	<1	<1	75
1050	**2500**	NA	**630**	**5800**	NA	<1	<1	96
373	**940**	NA	**300**	**3000**	NA	<1	0.745 j	75
306	**770**	NA	**280**	**2400**	NA	<1	0.467 j	59
171 B2	**320**	NA	190	**1000**	NA	<1	0.409 j	54
211	**640**	NA	**280**	**1540**	NA	<1	<1	64
1420	**3100**	NA	**960**	**7000**	NA	<1	<1	153
1290	**3100**	NA	**1000**	**7300**	NA	<1	<1	142
1330 B2	**3100**	NA	**1000**	**7900**	NA	<1	<1	140
1340 M4, B2	**2800**	NA	**830**	**86000**	NA	<1	<1	146
1380	**3000**	NA	**980**	**9400**	NA	<1	<1	141
1360	**3300**	NA	**1000**	**8600**	NA	<1	<1	133
1430 B1	**3100**	NA	**1000**	**7300**	NA	<1	<1	136
1280	**3100**	NA	**1100**	**7100**	NA	<1	<1	133
1470 B2	**2900**	NA	**910**	**8100**	NA	<1	<1	124
1520	**3100**	NA	**980**	**7100**	NA	<1	<1	131
1260	**1300**	NA	**950**	**7100**	NA	<1	0.597 j	120
1330 B2	**3000**	9370	**1000**	**7500**	3.2 j	<1	0.398 j	125
1360	**2900**	NA	**1000**	**8300**	NA	<1	0.463 j	124
1310 B2	**2800**	NA	**1100**	**6100**	NA	<1	0.444 j	115
1400	**3000**	NA	**1100**	**7110**	NA	<1	0.344 j	114
803	**1700**	NA	**880**	**4800**	NA	<1	<1	122
788	**1700**	NA	**910**	**4700**	NA	<1	<1	106
787 B2	**1800**	NA	**930**	**5800**	NA	<1	<1	97
800 B2	**1500**	NA	**790**	**53000**	NA	<1	<1	93
779	**1600**	NA	**850**	**5700**	NA	<1	<1	88
763	**1700**	NA	**920**	**5000**	NA	<1	<1	86
805 M4, B1	**1600**	NA	**910**	**4600**	NA	<1	<1	89
708 M4	**1500**	NA	**980**	**4200**	NA	<1	<1	85
713 B2	**1600**	NA	**920**	**5300**	NA	<1	<1	79
888	**1500**	NA	**850**	**4500**	NA	<1	<1	84
719	**1300**	NA	**860**	**4700**	NA	<1	0.376 j	79
761	**1400**	NA	**930**	**5100**	NA	<1	<1	77
747 B2	**1300**	NA	**990**	**3800**	NA	<1	<1	73
730	**1300**	NA	**1000**	**4020**	NA	0.844 j	<1	65
87.1	99	NA	26	**590**	NA	<1	<1	519
88.8	110	NA	28	**620**	NA	<1	<1	558
87 B2	120	NA	28	**610**	NA	<1	<1	547
84.5	110	NA	25	**570**	NA	<1	<1	598
93.6	120	NA	25	**650**	NA	<1	<1	644
91	140	NA	25	**610**	NA	<1	<1	667
98.1	150	NA	26	**640**	NA	<1	<1	682
97.9	140	NA	26	**640**	NA	<1	<1	680

96.8 B2	160	NA	24	**650**	NA	<1	<1	664
109	160	NA	23	**630**	NA	<1	<1	**712**
108	170	NA	24	**700**	NA	<1	0.39 j	**750**
115	200	NA	25	**770**	NA	<1	<1	**743**
122 B2	220	NA	27	**720**	NA	<1	<1	**776**
135	**340**	NA	34	**905**	NA	<1	<1	**835**
64.7	150	NA	29	**710**	NA	<1	<1	536
69.6	160	NA	34	**710**	NA	<1	<1	608
67.6 B2	180	NA	26	**720**	NA	<1	1.16	600
75.6	180	NA	24	**670**	NA	<1	1.09	**762**
77.1	200	NA	19	**780**	NA	<1	1.47	**855**
74.4	210	NA	20	**730**	NA	<1	<1	**839**
78	230	NA	21	**750**	NA	<1	<1	**834**
81.9	230	NA	20	**740**	NA	<1	<1	**854**
81.5 B2	**320**	NA	20	**820**	NA	<1	<1	**827**
99.4	240	NA	19	**780**	NA	<1	<1	**1080**
85.3	**260**	NA	22	**830**	NA	<1	0.664 j	**807**
93.6 B2	**280**	NA	25	**860**	NA	<1	0.584 j	**836**
98.6 B2	**310**	NA	29	**800**	NA	<1	0.53 j	**939**
91.3	**310**	NA	33	**845**	NA	<1	0.431 j	695
92.6	110	NA	7.6	**530**	NA	<1	<1	290
89.4	120	NA	3.6	500	NA	<1	<1	334
83.2 B2	120	NA	7.9	470	NA	<1	<1	270
85.4	100	NA	9.5	410	NA	<1	<1	229
87.1	100	NA	9.3	**510**	NA	<1	<1	212
85.3	110	NA	9.3	480	NA	<1	<1	236
84.7	110	NA	10	480	NA	<1	<1	200
84.4	100	NA	8.9	470	NA	<1	<1	210
84.8 B2	120	NA	8.5	490	NA	<1	<1	232
91.2	100	NA	9	440	NA	<1	<1	232
85.7	99	NA	8.4	470	NA	<1	<1	232
86	99	NA	7.8	500	NA	<1	<1	223
85.2 B2	98	NA	6.4	410	NA	<1	<1	199
85.6	95	NA	6.3	458	NA	<1	<1	202
54.2	51	NA	32	430	NA	<1	<1	76
57.2	47	NA	29	480	NA	<1	1.01	67
60 B2	46	NA	27	490	NA	<1	<1	69
57.2	41	NA	19	410	NA	<1	<1	71
57.6	38	NA	15	440	NA	<1	<1	62
51.3	43	NA	12	400	NA	<1	<1	56
56.5	38	NA	15	400	NA	<1	<1	64
60	33	NA	18	450	NA	<1	<1	67
59.5 B2	33	NA	15	450	NA	<1	<1	71
57.6	28	NA	11	390	NA	<1	<1	65
56.4	29	NA	12	430	NA	<1	0.545 j	68

55.4	26	NA	12	420	NA	<1	0.446 j	72
53.3 B2	23	NA	8.1	350	NA	<1	0.52 j	63
56.3	23	NA	4.2	384	NA	<1	0.504 j	61
53.5	66	NA	46	400	NA	<1	<1	119
54.9	62	NA	42	390	NA	<1	<1	106
57.3 B2	74	NA	48	410	NA	<1	<1	111
57.6	65	NA	43	380	NA	<1	<1	110
63.2	72	NA	44	400	NA	<1	<1	115
58.2	72	NA	45	400	NA	<1	<1	120
59.1	69	NA	46	400	NA	<1	<1	121
58.9	61	NA	42	410	NA	<1	<1	116
60.8 B2	66	NA	46	430	NA	<1	<1	123
67.3	67	NA	45	420	NA	<1	<1	137
56.7	53	NA	43	360	NA	<1	<1	117
54.2	46	NA	42	360	NA	<1	<1	116
48.5 B2	38	NA	40	320	NA	<1	<1	106
48.2	32	NA	33	344	NA	<1	<1	102
73.6	71	NA	47	460	NA	<1	**11.6**	239
78.3	70	NA	43	470	NA	<1	**13.3**	279
83 B2	74	NA	47	480	NA	<1	**15.8**	288
83.9	69	NA	45	440	NA	<1	**17.9**	313
91.4	74	NA	43	480	NA	<1	**21.9**	314
89.6	76	NA	45	490	NA	<1	**21.8**	309
92.6	72	NA	46	480	NA	<1	**24.4**	315
96.2	70	NA	45	**520**	NA	<1	**20.5**	313
102 B2,M4	79	NA	53	**550**	NA	<1	**21.1**	314
122	74	NA	52	**520**	NA	<1	**23.8**	353
94.1	65	NA	50	490	NA	<1	**26.4**	294
94.2	57	NA	49	500	NA	<1	**23.1**	308
82.6 B2	46	NA	44	410	NA	<1	**25.6**	279
83.7	41	NA	36	442	NA	<1	**18.4**	275
45.2	62	NA	36	310	NA	<1	<1	38
52	69	NA	37	320	NA	<1	<1	36
56.4 B2	71	NA	42	320	NA	<1	<1	48
45.7	65	NA	38	230	NA	<1	<1	32
49.1	67	NA	38	300	NA	<1	<1	32
44.8	77	NA	45	280	NA	<1	<1	25
39.5	72	NA	39	150	NA	<1	<1	18
44	69	NA	39	310	NA	<1	<1	21
46.4 B2	79	NA	44	330	NA	<1	<1	28
49.6	70	NA	40	280	NA	<1	<1	45
34.6	59	NA	36	250	NA	<1	<1	13
38	64	NA	36	270	NA	<1	<1	18
38.2	72	NA	40	280	NA	<1	<1	14
37.8	66	NA	35	281	NA	<1	<1	17

129	160	NA	51	**790**	NA	<1	<1	75
128	170	NA	49	**740**	NA	<1	<1	61
130 B2	190	NA	53	**810**	NA	<1	<1	69
129	170	NA	50	**710**	NA	<1	<1	60
140	210	NA	49	**800**	NA	<1	<1	67
135 M4	200 B2	NA	48	**780**	NA	<1	<1	67
143	**270**	NA	49	**640**	NA	<1	<1	70
139	190	NA	49	**840**	NA	<1	<1	68
140 B2	**280**	NA	54	**920**	NA	<1	<1	70
156	230	NA	52	**820**	NA	<1	<1	72
144	210	NA	49	**850**	NA	<1	<1	71
140	210	NA	48	**780**	NA	<1	<1	69
138	210	NA	52	**720**	NA	<1	<1	65
145	**260**	NA	57	**852**	NA	0.469 j	<1	71
84.3	30	NA	44	430	NA	<1	<1	63
90.9	35	NA	49	450	NA	<1	<1	65
97.1 B2	42	NA	57	450	NA	<1	<1	60
92.5	40	NA	55	450	NA	<1	<1	60
100	44	NA	57	450	NA	<1	<1	58
97.4	46 B2	NA	61	460	NA	<1	<1	58
102	47	NA	62	440	NA	<1	<1	59
103	45	NA	61	460	NA	<1	<1	57
97.6 B2	47	NA	64	490	NA	<1	<1	57
110	46	NA	62	440	NA	<1	<1	61
92.7	39	NA	54	420	NA	<1	0.357 j	63
90.7	36	NA	50	430	NA	<1	<1	70
91.6	33	NA	47	410	NA	<1	0.443 j	75
90.9	35	NA	46	434	NA	<1	<1	62
66	17	NA	54	410	NA	<1	<1	45
62	16	NA	40	420	NA	<1	<1	43
66.1 B2	17	NA	46	420	NA	<1	<1	54
69.8	15	NA	57	400	NA	<1	<1	48
69.6	17	NA	55	410	NA	<1	<1	46
67.6	17 B2	NA	66	430	NA	<1	<1	40
65.3	17	NA	54	260	NA	<1	<1	45
69.5	18	NA	50	400	NA	<1	<1	42
69.5 B2	17	NA	71	450	NA	<1	<1	37
75.1	17	NA	71	400	NA	<1	<1	45
71.9	17	NA	72	410	NA	<1	<1	41
68.8	16	NA	42	420	NA	<1	<1	43
55.3	17	NA	33	400	NA	<1	<1	35
68.4	16	NA	39	423	NA	<1	<1	35
55.5	69	NA	56	480	NA	<1	<1	261
51.1	41	NA	48	430	NA	<1	<1	199
51.3 B2	35	NA	52	410	NA	<1	<1	189

50.8	31	NA	50	380	NA	<1	<1	215
50.6	33	NA	46	410	NA	<1	<1	209
47.9	35 B2	NA	49	410	NA	<1	<1	212
48.8	33	NA	47	310	NA	<1	<1	211
50.8	31	NA	47	410	NA	<1	<1	204
50.6 B2	36	NA	48	450	NA	<1	<1	202
56.7	40	NA	48	450	NA	<1	<1	209
53.2	31	NA	45	410	NA	<1	<1	204
57.9	28	NA	39	440	NA	<1	<1	206
57.9	32	NA	40	460	NA	<1	<1	207
62.7	43	NA	38	490	NA	<1	<1	228
63.1	32	NA	52	380	NA	<1	<1	73
55.1	31	NA	47	400	NA	<1	<1	68
65.6 B2	34	NA	52	390	NA	<1	<1	76
60.8 M4	31	NA	49	340	NA	<1	<1	73
66.3 M4	31	NA	48	380	NA	<1	<1	75
53.8	29 B2	NA	49	370	NA	<1	<1	68
56.6	30	NA	49	260	NA	<1	<1	77
62.5	30	NA	49	360	NA	<1	<1	79
62 B2	32	NA	51	430	NA	<1	<1	82
71.6	32	NA	46	410	NA	<1	<1	71
67.6	31	NA	44	370	NA	<1	<1	81
70.2	30	NA	42	390	NA	<1	<1	82
57	27	NA	47	340	NA	<1	<1	69
49.1	23	NA	41	341	NA	<1	<1	65
43.1	35	NA	45	360	NA	<1	<1	127
46.9	33	NA	41	360	NA	<1	<1	120
48 B2	34	NA	45	380	NA	<1	<1	119
43.3	33	NA	43	340	NA	<1	<1	133
44.7	34	NA	43	360	NA	<1	<1	130
41.3	33 B2	NA	42	360	NA	<1	<1	129
41.7	33	NA	43	210	NA	<1	<1	128
43.2	32	NA	42	360	NA	<1	<1	124
42.3 B2	34	NA	44	360	NA	<1	<1	122
43.6	35	NA	44	360	NA	<1	<1	114
41.8	35	NA	44	330	NA	<1	<1	125
42.6	32	NA	44	340	NA	<1	<1	124
41.1	30	NA	45	330	NA	<1	<1	120
39.1	24	NA	34	323	NA	<1	<1	113
29.5	9.7	83	<1	NA	<100	<0.5	3.8	26
48	13	123	17	270	8.917 j	<1	<1	49
143 M4	28	549	**390**	**820**	6.764 j	<1	<1	25
133	34	363	**320**	**792**	27	<1	<1	18
100	52	616	230	**750**	99	0.341 j	0.375 j	52
662	**530**	2860	**2900**	**5200**	55	<1	0.936 j	45

691	**460**	2730	6.7	**5110**	25	<1	<1	44
610	**550**	5280	**4100**	**6980**	61	<1	1.06	20
715	2.4	3980	5.9	**6250**	11	<1	0.844 j	55
801	2.6	2990	5.7	**5960**	14	<1	0.672 j	48
106	84	684	250	**810**	13	<1	0.895 j	27
99.9	33	415	220	**720**	148	<1	<1	1.78 j
93.4	7.6	751	150	**632**	79	<1	<1	81
73.8	16	396	160	**528**	10	<1	2.65	36
38.2	9.9	315	51	336	135	<1	0.392 j	68
59.4	7	446	81	395	16	<1	0.565 j	79
94.8 M4	94	924	160	**752**	157	<1	1.04	200
56	3.6	469	22	371	42	<1	<1	61
NA	53	NA	67.4	392	5770	<0.5	<5	438
NA	51.7	NA	115	<25	219	<0.5	<5	212
NA	54	NA	93.3	385	<100	<0.5	<5	210 b
NA	50.6	NA	124	400 b	142	<0.5	<5	187
NA	28.5	NA	131	396	131	<0.5	<5	108
NA	25.7	NA	126	391	155	<0.5	<5	86.8
NA	34.6	NA	113	380	121	<0.5	<5	126
NA	12	NA	200	480	54	<1	<1	80
NA	14	NA	170	430	66	<1	<1	84
NA	15	NA	150	390	185	<1	<1	79
NA	9.6	NA	220	460	132	<1	<1	75
NA	13	NA	170	410	185	<1	<1	73
NA	14	NA	160	390	124	<1	<1	71
28.7	9.6	NA	180	400	72	<1	<1	71
25.8	11	NA	160	380	101	<1	<1	69
23.3	15	261	160	380	46	<1	<1	69
27 B2	14	276	150	400	34	<1	<1	74
25.8	13	267	140	350	50	<1	<1	75
27.6	10	303	170	430	61	<1	<1	82
27.1	16	283	130	350	700	<1	<1	94
29.4 B1	15	300	140	370	55	<1	<1	89
29 B1	13	320	120	400	216	<1	<1	91
30.4	9.7	313	130	410	176	<1	<1	78
33.1	12	351	120	420	188	<1	<1	105
31.3	13	367	130	420	16	<1	<1	94
35.3 B3	14	356	120	430	26	<1	<1	94
32.3	9.1	365	120	410	26	<1	<1	75
33.7	9.2	344	100	440	17	<1	<1	71
37.8 B2	11	406	110	440	72	<1	<1	117
38.9 B2	11	402	110	400	26	<1	<1	113
39.3	15	419	100	430	51	<1	<1	111
41.9	12	433	110	430	138	<1	<1	109
41.1	12	427	110	460	156	<1	<1	104

42.7	14	447	99	430	40	<1	<1	121
42.3	12	443	100	450	20	<1	<1	120
44.4	9.7	467	97	430	142	<1	<1	108
46.4	11	495	99	420	92 B1	<1	<1	123
49.2	9.9	522	97	460	3.543 j	<1	<1	NA
48.8	11	512	96	480	<10	<1	<1	143
49.6	9.4	527	95	484	<10	<1	<1	160
51.7	9.4	547	100	**505**	57	0.375 j	<1	NA
50.9	9.4	515	87	**524**	<10	<1	<1	158
NA	13.2	NA	51.8	408	<100	<0.5	<5	62.4
NA	11.6	NA	45.7	398	166	<0.5	<5	69.6
NA	11.9 b	NA	51	419	<100	<0.5	<5	75.2 b
NA	12.5	NA	52.2	395 b	<100	<0.5	<5	72.5
NA	13.3	NA	48.2	464	<100	<0.5	<5	82.5
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35.1	16	NA	63	470	126	<1	<1	99
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34.1	16	334	77	430	444	<1	<1	90
38.3 B2	15	332	79	430	61	<1	<1	83
37.6	18	342	70	430	170	<1	<1	92
37.9 B1	16	341	69	450	65	<1	<1	88
37.7 B1	16	337	82	470	66	<1	<1	81
41.4	16	354	85	420	223	<1	<1	89
38.1	16	342	81	450	45	<1	<1	81
39.6	15	367	80	440	110	<1	<1	86
42.4 B3	16	353	83	440	116	<1	<1	85
40.1	15	365	79	450	100	<1	<1	87
42.9	15	356	78	460	92	<1	<1	84
39.5 B2	16	338	94	440	109	<1	<1	84
42 B2	16	353	91	420	105	<1	<1	85
42.2	16	374	110	440	44	<1	<1	93
42.4	16	363	80	430	58	<1	<1	87
42.6	16	365	82	440	48	<1	<1	84
42.9	16	374	85	420	17	<1	<1	87
43.8 M4	16	376	85	440	10	<1	<1	87
43	16	365	85	420	15	<1	<1	85
42.8	16	369	89	410	35 B1	<1	<1	86
41.4 B2	17	NA	71	430	NA	<1	<1	87

9.93	31	455	47	440	123	<1	1.32	NA
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41	18	NA	98	410	12	<1	<1	154
41.8	17	NA	100	400	17	<1	<1	150
42.6 M4	19	298	110	410	349	<1	<1	153
41.6 B2	16	293	100	420	47	<1	<1	174
45.1	19	305	120	400	10	<1	<1	151
43.9 B1	18	303	110	410	28	<1	<1	153
43 B1	18	313	120	430	42	<1	<1	153
49.4	19	333	120	420	41	<1	<1	163
43.3	19	328	120	440	19	<1	<1	149
46.1	18	327	140	440	6	<1	<1	152
48.9 B3	19	323	130	440	31	<1	<1	154
44.8 R1	17	331	130	430	113	<1	<1	152
47	18	311	130	440	53	<1	<1	142
45.7 B2	17	306	130	420	13	<1	<1	143
47.7 B2	21	316	130	430	8	<1	<1	145
48.5	17	326	140	430	6	<1	<1	153
48.6	17	325	130	410	17	<1	<1	158
47.9	17	323	130	440	16	<1	<1	151
48.2	16	326	130	420	2.959 j	<1	<1	150
47.8	16	324	130	410	<5	<1	<1	148
47.5	15	321	130	400	<5	<1	<1	145
48.2	16	331	130	390	<5	<1	<1	151
48.5	15	323	120	420	6.467 j	<1	<1	NA
47.6	16	320	120	420	<10	<1	<1	153
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49.7	15	336	120	455	2.978 j	<1	<1	NA

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NA	74	NA	78	**560**	37 b	<1	<1	147
NA	85	NA	85	**590**	110	<1	<1	152
9.3	10	NA	22	180	6130	<1	<1	44
63.9	70	NA	75	**540**	147	<1	<1	62
75	79	495	79	**530**	91	<1	<1	154
40.3	46	282	49	370	3810	<1	<1	98
30.4	47	261	50	250	279	<1	<1	94
61.1 B1	56	410	64	430	31	<1	<1	132
67 B1	66	412	73	**520**	22	<1	<1	126
72.2	65	469	72	490	9	<1	<1	146
50.9	47	335	54	360	487	<1	<1	103
25.5	21	205	35	240	2560	<1	<1	72
26.6 B3	22	204	35	240	1820	<1	<1	70
66.9	60	454	71	500	34	<1	<1	136
70.2	62	441	71	500	26	<1	<1	132
67.7 B2	63	442	69	490	56	<1	<1	133
72.2 B2	62	450	69	480	22	<1	<1	134
46.1	48	307	52	360	2700	<1	<1	99
15.8	15	124	25	210	4160	<1	0.513 j	50
16.2	15	131	25	200	5350	<1	<1	52
70.2	60	449	69	470	9	<1	<1	135
70.2	62	449	70	470	14	<1	<1	135
21.8	18	162	27	210	4070	<1	0.435 j	61
22.7	19	171	28	200	4030 B1	<1	<1	64
26.6	28	NA	37	220	NA	<1	<1	76
32.9	59	290	51	240	287	<1	<1	NA
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58.4 M2	42	NA	55	430	NA	<1	<1	114
57.5	41	375	54	424	19	<1	<1	111
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56.9	38	351	49	459	45	<1	<1	110
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NA	25	NA	31	360	95	<1	<1	49
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61.7	24	NA	32	330	171	<1	<1	55
72.5	23	NA	33	340	15	<1	<1	147
61	23	260	33	<25	56	<1	<1	62
68.2 M4	25	267	32	350	87	<1	<1	43
72.1	25	285	32	320	137	<1	<1	62
64.9 B1	24	264	32	340	150	<1	<1	58
61.8 B1	23	239	33	340	49	<1	<1	55
70.2	23	279	32	330	102	<1	<1	65
69.9	25	269	33	360	36	<1	<1	48
61.8	23	271	32	340	38	<1	<1	50
73.3 B3	25	277	32	340	55	<1	<1	52
64.4	23	279	32	340	95	<1	<1	52
71.2	24	270	32	340	239	<1	<1	52
69.4 B2	24	262	32	350	127	<1	<1	60
72.1 B2	23	272	32	320	60	<1	<1	61
74.8	25	281	32	350	91	<1	<1	62
69.7	26	280	34	350	93	<1	0.657 j	53
71.3	24	280	32	320	98	<1	<1	59
66.2	25	265	32	320	26	<1	0.642 j	50
64.6	24	263	32	320	25	<1	<1	52
69	24	273	33	330	1100	<1	0.654 j	64
69.7	25	280	38	330	1130 B1	<1	<1	65
74.7	25	280	32	350	3.779 j	<1	0.414 j	NA
75.4	27	285	33	360	<10	<1	<1	44
73.9	25	281	32	344	66	<1	<1	48
76.1	24	277	29	389	20	<1	0.39 j	NA
76.3	24	279	29	371	10	<1	<1	45
NA	25.7	NA	33.2	345	232	<0.5	<5	137
NA	25.8	NA	33.4	404	102	<0.5	<5	143
NA	25 b	NA	37.6 b	325 b	306	<0.5	<5	146 b
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NA	27	NA	34.5	350	<100	<0.5	<5	139
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42	27	NA	37	370	261	<1	<1	140
42.5	27	NA	37	370	23	<1	<1	136
41	29	196	39	340	102	<1	<1	136
41.3	30	192	39	380	50	<1	<1	131
42.2	27	191	36	320	<5	<1	<1	128
42.9	26	189	36	360	33	<1	<1	131
42.8	29	194	38	340	112	<1	<1	132
41.6 B1	28	191	38	340	30	<1	<1	134
38.8 B1	27	186	38	350	7	<1	<1	126
43	29	196	41	340	23	<1	<1	133
41.4	27	191	37	360	18	<1	<1	126
40.2	27	199	37	360	6	<1	<1	133
43.7 B3	27	194	37	360	29	<1	<1	127
39.4	27	190	38	340	19	<1	<1	132
41.6	28	186	38	350	34	<1	<1	123
39.9 B2	25	179	34	340	14	<1	<1	125
42.7 B2	27	192	38	330	25	<1	<1	126
42.6	28	187	40	360	32	<1	<1	132
45.4	30	194	40	350	29	<1	<1	135
40.6	27	189	38	330	26	<1	<1	130
40.5	28	184	38	320	6	<1	<1	124
42.9	28	196	37	330	10	<1	<1	133
40.9	28	191	39	330	4.085 j	<1	<1	131
41.8	28	195	38	320	34	<1	<1	130
40.9	27	190	37	350	239	<1	<1	NA
42.7	27	192	37	360	116	<1	<1	130
42	26	191	37	352	167	<1	<1	129
41.9 M4	25	185	34	380	147	<1	<1	NA
43.4	25	193	34	368	142	<1	<1	132
NA	31.1	NA	**873**	**1510**	122	<0.5	7	44
NA	12.3	NA	81.2	292	<100	<0.5	<5	42.8
NA	22.1 b	NA	**472**	**856**	<100	<0.5	<5	20.3 b
NA	25.8	NA	**668**	**1150**	<100	<0.5	<5	31.5
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NA	13	NA	250	500	13 b	<1	<1	48
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97.1	12	NA	**410**	**840**	24	<1	<1	38
62.7	8.3	NA	250	**520**	26	<1	<1	32
61.2	18	291	**290**	**570**	121	<1	<1	22
54.7	6.6	297	200	**540**	11	<1	<1	32
31.6	7.5	216	160	390	20	<1	<1	47
28.9 B1	5	197	130	340	52	<1	<1	52
57.8 B1	6.2	307	230	**550**	19	<1	<1	38
63.1	6.1	307	220	**540**	12	<1	<1	39
54.4	4.3	307	200	**520**	13	<1	<1	42
55.2	3.7	306	250	490	8	<1	<1	46
49.7 B3	3.5	288	130	410	27	<1	<1	46
54.7	4.9	299	200	**520**	16	<1	<1	42
57.9	5	285	190	**520**	12	<1	<1	39
52.8 B2	6.8	263	200	480	26	<1	<1	33
54.8 B2	6.9	274	200	480	21	<1	<1	33
57.4	3.8	323	220	500	23	<1	<1	43
48.8	3.3	291	180	410	11	<1	<1	50
46.3	4	288	140	430	12	<1	<1	48
57.4	5.7	307	200	470	13	<1	<1	42
56.7	5.8	305	200	490	13	<1	<1	42
44.5 M4	3.9	266	160	400	9	<1	<1	54
41.3	4	262	120	370	16 B	<1	<1	57
38.2	4.8	233	100	380	9.325001 j	<1	<1	NA
37.9	5.1	231	96	350	<10	<1	<1	47
55.2	16	301	140	440	<10	<1	<1	38
54.8	16	309	170	488	62	<1	<1	NA
57.6	16	317	140	484	43	<1	<1	49
49.6	7.3	NA	79	400	NA	<1	<1	38
50	7.9	NA	130	400	NA	<1	<1	38
52.5	7	NA	95	**7900**	NA	<1	<1	37
52.1	6.6	NA	75	380	NA	<1	<1	43
51.9	6.9	NA	62	380	NA	<1	<1	39
52.9	5.9	NA	89	360	NA	<1	<1	38
53.8	6.8	NA	100	380	NA	<1	<1	38
47.3	6.5	NA	83	360	NA	<1	<1	35
60.8 B2,M4	10	NA	66	420	NA	<1	<1	42
55 M4	7.1	NA	38	390	NA	<1	<1	39
51.7	14	NA	92	390	NA	<1	<1	34
47.9	9.7	NA	63	330	NA	<1	<1	32
52.1	8.6	NA	85	380	NA	<1	<1	36
57.3	7.5	NA	39	399	NA	<1	<1	35
211	30	NA	**820**	**1500**	NA	<1	<1	21

206	30	NA	**810**	**1500**	NA	<1	<1	19
213	29	NA	**830**	**1500**	NA	<1	<1	20
210	29	NA	**800**	**1500**	NA	<1	<1	23
212	29	NA	**830**	**1500**	NA	<1	<1	21
209	31	NA	**850**	**1500**	NA	<1	<1	20
221	30	NA	**830**	**1500**	NA	<1	<1	20
215	28	NA	**820**	**1500**	NA	<1	<1	20
208 B2,M4	29	NA	**820**	**1500**	NA	<1	<1	20
233	30	NA	**840**	**1500**	NA	<1	<1	21
216	31	NA	**840**	**1500**	NA	<1	<1	20
208	29	NA	**930**	**1500**	NA	<1	<1	21
222	30	NA	**850**	**1500**	NA	<1	<1	21
226	30	1030	**930**	**1540**	21 S1	<1	<1	20
220	30	NA	**810**	**1560**	NA	<1	<1	20
NA	70.6	NA	**1108**	**2050**	NA	NA	<5	74
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NA	71.6	NA	**859**	**1760**	NA	NA	7	355
NA	78.6	NA	**586**	**1550**	NA	NA	7	51
NA	96.2	NA	**454**	**1420**	NA	NA	6	106
NA	91.4	NA	**589**	**1600**	NA	NA	5	63
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NA	42.8	NA	**709**	**1640**	NA	NA	<0.5	39.4
NA	55.7	NA	**624**	**1420**	NA	NA	<0.5	43.5
NA	75.3	NA	**473**	**1250**	NA	NA	<5	49.7
NA	55.8	NA	**458**	**1240**	NA	NA	<5	56.4
NA	47.6	NA	<5	**1400**	NA	NA	<5	36.8
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NA	49	NA	**560**	**1300**	NA	NA	<1	48
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NA	57	NA	**490**	**1100**	NA	NA	<1	45
NA	53	NA	**540**	**1200**	NA	NA	<1	38
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166	60	1110	**580**	**1300**	29	<1	<1	32
NA	81.1 B2	NA	**378**	**1080**	NA	NA	0.33 j	50.5
NA	106	NA	**385**	**1140**	NA	NA	0.181 j	54
184	60	NA	**580**	**1300**	NA	<1	<1	32

179	62	NA	**560**	**1200**	NA	<1	<1	33
174 B2	63	NA	**590**	**2000**	NA	<1	<1	30
161 B1	57	1000	**600**	**1300**	507	<1	<1	30
NA	56.6	NA	**550**	**1230**	NA	NA	0.233 j	30.2
171 B1	58	NA	**590**	**1300**	NA	<1	<1	31
161	61	NA	**540**	**1200**	NA	<1	<1	30
165	62	1050	**530**	**1200**	179	<1	<1	31
171	63	NA	**570**	**1200**	NA	<1	<1	29
175	58	999	**560**	**1200**	37	<1	<1	28
NA	61.8	NA	**574**	**1240**	NA	NA	0.214 j	29.2
182	59	NA	**560**	**1100**	NA	<1	<1	31
153	58	983	**590**	**1200**	55	<1	<1	28
173	56	NA	**570**	**1300**	NA	<1	<1	29
166 B2,M4	62	NA	**530**	**1200**	NA	<1	<1	28
162 B2	59	957	**540**	**1200**	40	<1	<1	28
NA	57	NA	**530**	**1200**	NA	NA	<1	28
165	59	972	**740**	**1200**	53 B3	<1	<1	37
164	58	NA	**530**	**1200**	NA	<1	<1	29
176	60	1050	**600**	**1300**	57	<1	<1	31
NA	55.6	NA	**610**	**1210**	NA	NA	<1	30.9
172	58	NA	**580**	**1200**	NA	<1	<1	29
178	57	1060	**570**	**1300**	7	<1	<1	31
172	57	NA	**770 M2**	**1200**	NA	<1	<1	30
185	55	1070	**610**	**1300**	70	<1	<1	31
NA	54.5	NA	**596**	**1260**	NA	NA	<1	30.1
191	57	NA	**800**	**1200**	NA	<1	<1	32
193	58	1220	**600**	**1300**	31	<1	<1	NA
NA	58.9	NA	**602**	**1270**	NA	NA	<1	45.8
159	71	NA	**640**	**1180**	NA	<1	<1	48
174	72	1030	40	**1420**	18	<1	<1	NA
NA	65.8	NA	**435**	**1220**	NA	NA	<1	32.9
NA	66.7	NA	64	384	NA	NA	<5	580
NA	73.2	NA	30.6	404	NA	NA	<5	567
NA	67.9	NA	**549**	431	NA	NA	<5	430
NA	71.4	NA	36.6	362	NA	NA	<5	654
NA	67	NA	35.2	365	NA	NA	<5	481
NA	110	NA	31.9	426	NA	NA	<3	489
NA	60.2	NA	27.7	354	NA	NA	<5	506
NA	54.6	NA	19.1	350	NA	NA	**32**	145
NA	46.6	NA	28.6	340	NA	NA	<3	515
NA	90.3	NA	61.2	448	NA	NA	<3	**836**
NA	82.4	NA	33.8	418	NA	NA	3	**1000**
NA	62	NA	39	390	NA	NA	<2	506
NA	79	NA	43	410	NA	NA	<2.8	525
NA	96	NA	130	**580**	NA	NA	3.2	366

NA	92	NA	100	**510**	NA	NA	<2.8	196
NA	106	NA	93.5	**527**	NA	NA	2.1	127
NA	59.5	NA	60.9	**563**	NA	NA	<0.5	252
NA	12.8	NA	22.9	394 B	NA	NA	<5	176
NA	16.4	NA	19	330	NA	NA	<5	167
NA	9.5	NA	19	337	NA	NA	<5	168
NA	74.3	NA	96.2	**532**	NA	NA	<5	216
NA	8.2	NA	20	360	NA	NA	<1	156
NA	71	NA	120	**620**	NA	NA	<1	184
NA	5.8	NA	16	290	NA	NA	<1	103
NA	13	NA	45	340	NA	NA	<1	160
NA	4.6	NA	63	330	NA	NA	<1	118
69.1	96	432	120	**660**	118	<1	<1	175
NA	6.53 B2	NA	76.7	390	NA	NA	0.161 j	137
NA	114	NA	**373**	**916**	NA	NA	0.0931 j	294
NA	161	NA	241	**864**	NA	NA	<1	173
88.5	160	649	240	370	101	<1	<1	194
86.4	170	633	230	**880**	116	<1	<1	200
89.6 B2	150	589	180	**820**	15	<1	<1	160
NA	174	NA	203	**821**	NA	NA	0.157 j	167
95.2	190	607	230	**970**	25	<1	<1	178
107	**340**	648	**490**	**1000**	42	<1	<1	173
NA	200	NA	240	**1000**	NA	NA	<1	163
112	190	716	240	**980**	39	<1	<1	176
93.5	230	668	200	**920**	39	<1	<1	166
NA	222	NA	196	**852**	NA	NA	<1	181
117	230	661	240	**970**	132	<1	1.39	187
105	**300**	649	**340**	**870**	396	<1	<1	168
NA	214	NA	243	**900**	NA	NA	<1	177
255	**460**	1480	**710**	**2000**	16	<1	<1	NA
NA	**476**	NA	**738**	**950**	NA	NA	<1	112
NA	**459**	NA	**609**	**1700**	NA	NA	<1	74.4
224	**410**	1170	**500**	**2180**	16	<1	<1	NA
NA	**431**	NA	**522**	**858**	NA	NA	<1	71.7
NA	66.2	NA	231	**995**	NA	NA	<5	54
NA	80.6	NA	**329**	**1220**	NA	NA	<5	59
NA	85.9	NA	**586**	**1300**	NA	NA	<5	53
NA	90.5	NA	**625**	**1360**	NA	NA	8	76
NA	99.1	NA	**529**	**1570**	NA	NA	6	61
NA	111	NA	**430**	**1350**	NA	NA	3	47
NA	113	NA	**359**	**1010**	NA	NA	<5	45
NA	120	NA	**400**	**1150**	NA	NA	<3	174
NA	120	NA	**394**	**975**	NA	NA	3	55
NA	124	NA	**375**	**1220**	NA	NA	<3	230
NA	115	NA	**420**	**1180**	NA	NA	6	464

NA	120	NA	**390**	**1200**	NA	NA	<2	48.4
NA	100	NA	**380**	**1200**	NA	NA	<2.8	49.1
NA	97	NA	**410**	**1300**	NA	NA	<2.8	49.8
NA	87	NA	**390**	**1300**	NA	NA	<2.8	38.5
NA	73.8	NA	**472**	**1400**	NA	NA	0.91	48.3
NA	71.9	NA	**499**	**1330**	NA	NA	<0.5	51
NA	74.7	NA	**348**	**1210**	NA	NA	<5	54.4
NA	80.1	NA	**387**	**1190**	NA	NA	<5	48.5
NA	82.1	NA	**279**	**1160**	NA	NA	<5	43.4
NA	76	NA	**316**	**1120**	NA	NA	<5	48.6
NA	73	NA	**340**	**1100**	NA	NA	<1	41
NA	67	NA	**460**	**1300**	NA	NA	<1	53
NA	78	NA	**560**	**1400**	NA	NA	<1	51
NA	190	NA	**670**	**1700**	NA	NA	<1	56
NA	**300**	NA	**780**	**2100**	NA	NA	<1	69
303	**290**	1390	**770**	**2000**	62	**1.44**	<1	64
NA	**305 B2**	NA	**823**	**2090**	NA	NA	0.452 j	65.4
NA	**273**	NA	**768**	**2050**	NA	NA	0.217 j	61.7
NA	248	NA	**712**	**1840**	NA	NA	0.255 J	56
NA	NA	NA	NA	NA	NA	NA	NA	NA
299	240	1140	**670**	**1800**	98	<1	<1	59
NA	232	NA	**675**	**1590**	NA	NA	0.307 j	57.3
276	220	1020	**600**	**1700**	281	<1	<1	54
274 M4,B2	200	1060	**580**	**1600**	83	<1	<1	54
NA	223	NA	**632**	**1590**	NA	NA	0.276 j	53.6
262	200	943	**580**	**1500**	32	<1	<1	49
229	190	898	**540**	**1600**	39	<1	<1	40
NA	180	NA	**520**	**1400**	NA	NA	<1	44
255	180	989	**510**	**1400**	52	<1	<1	47
256	180	945	**520**	**1400**	49	<1	<1	48
NA	181	NA	**518**	**1460**	NA	NA	0.35 j	49.1
233	170	909	**480**	**1400**	26	<1	<1	41
217	170	949	**440**	**1400**	15	<1	0.636 j	64
211 B2,M4	170	949	**440**	**1300**	23	<1	0.497 j	64
216	170	922	**430**	**1300**	51	<1	0.734 j	84
NA	173	NA	**431**	**1240**	NA	NA	0.704 j	85.8
219	170	825	**400**	**1300**	6	<1	0.636 j	86
217	180	911	**390**	**1300**	28	<1	0.717 j	NA
NA	178	NA	**404**	**1250**	NA	NA	0.7 j	78.3
200	170	843	**380**	**1310**	3.259 j	<1	0.565 j	70
197	160	767	**320**	**1420**	165	<1	0.641 j	72
NA	153	NA	**287**	**1130**	NA	NA	0.552 j	71.4
NA	18.3	NA	18	166	NA	NA	<5	126
NA	17.1	NA	25	200	NA	NA	<5	66
NA	14.3	NA	<5	199	NA	NA	<5	85

NA	12.2	NA	7.37	164	NA	NA	<5	62
NA	15.5	NA	8.9	172	NA	NA	<5	58
NA	13.4	NA	6.59	176	NA	NA	<3	54
NA	13.2	NA	15.5	148	NA	NA	<5	61
NA	14.6	NA	19.6	165	NA	NA	<3	223
NA	9.59	NA	20.9	148	NA	NA	<3	72
NA	11.4	NA	8	86.5	NA	NA	<3	312
NA	10.8	NA	16.7	162	NA	NA	<3	404
NA	7.2	NA	17	140	NA	NA	<2	56.1
NA	7.2	NA	16	160	NA	NA	<2.8	51.8
NA	7.9	NA	15	130	NA	NA	<3.3	50.1
NA	6.6	NA	14	140	NA	NA	<2.8	38.2
NA	6.8	NA	14.4	124	NA	NA	<0.5	35.3
NA	5.8	NA	13.7	142	NA	NA	<0.5	30.5
NA	5.3	NA	15.9	133 B	NA	NA	<5	33.9
NA	<5	NA	13.6	146	NA	NA	<5	29.6
NA	<5	NA	13.1	138	NA	NA	<5	25.1
NA	5	NA	13.8	143	NA	NA	<5	24.9
NA	4.9	NA	16	150	NA	NA	<1	27
NA	4.5	NA	16	140	NA	NA	<1	28
NA	5	NA	21	150	NA	NA	<1	31
NA	4.5	NA	21	150	NA	NA	<1	32
NA	4.5	NA	27	160	NA	NA	<1	44
10.4	4.9	121	39	200	22	<1	<1	51
NA	4.43 B2	NA	26.4	192	NA	NA	0.116 j	40.7
NA	4.33	NA	55.2	199	NA	NA	0.0842 j	66.6
10.6	4.3	NA	39	200	NA	<1	<1	52
8.51	3.9	NA	28	170	NA	<1	<1	42
10.3 B1	4.1	NA	36	200	NA	<1	<1	50
9.13	3.7	105	30	170	53	<1	<1	44
NA	3.85	NA	29.9	140	NA	NA	0.161 j	44.8
9.12	3.9	NA	30	170	NA	<1	<1	43
8.02	3.9	NA	25	150	NA	<1	<1	40
7.38	3.9	88	22 M2	150	54	<1	<1 M4	39
7.48	4	NA	23	130	NA	<1	<1	35
7.39	3.4	84	22	160	31	<1	<1	36
NA	3.78	NA	23.4	168	NA	NA	0.21 j	36.5
5.27	3	NA	15	130	NA	<1	<1	28
6.04	3.2	70	17	140	46	<1	<1	31
6.14	3.2	NA	17	160	NA	<1	<1	31
7.06 B2	3.2	NA	20	170	NA	<1	<1	34
6.24 B2	3.2	72	19	140	31	<1	<1	31
NA	2	NA	10	140	NA	NA	<1	32
5.76	3.1	67	17	140	32 B3	<1	<1	32
5.48	3	NA	16	130	NA	<1	<1	29

8.47	3.7	96	23	140	62	<1	<1	40
NA	3.86	NA	23.1	192	NA	NA	<1	40.4
11.2	4	NA	34	190	NA	<1	<1	51
12.9	4.2	139	40	190	24	<1	<1	58
7.91	3.3	NA	21	140	NA	<1	<1	38
6.12	2.9	74	14	230	75	<1	<1	31
NA	2.85	NA	13.1	137	NA	NA	<1	29.1
6.28	2.5	NA	13	170	NA	<1	<1	30
10.8	4	125	29	160	98	<1	<1	NA
NA	3.55	NA	26.8	190	NA	NA	<1	48
8.79	2.6	NA	19	164	NA	<1	<1	41
8.44	2.3	92	16	178	36	<1	<1	NA
NA	2.54	NA	18.5	176	NA	NA	<1	42.3
NA	28.2	NA	**1720**	**619**	NA	NA	<5	227
NA	24.7	NA	**256**	**622**	NA	NA	<5	131
NA	22.9	NA	132	380	NA	NA	<5	143
NA	20	NA	147	388	NA	NA	<5	199
NA	23.5	NA	95.2	338	NA	NA	<5	91
NA	20	NA	86.2	338	NA	NA	<3	88
NA	20.5	NA	76.4	251	NA	NA	<5	119
NA	16.6	NA	46	218	NA	NA	<3	219
NA	15.2	NA	44.5	251	NA	NA	<3	80
NA	18.9	NA	74.7	297	NA	NA	<3	318
NA	15.4	NA	44.5	234	NA	NA	<3	482
NA	11	NA	53	240	NA	NA	<2	83.3
NA	11	NA	39	220	NA	NA	2.8	64.9
NA	14	NA	61	250	NA	NA	<2.8	90
NA	13	NA	48	250	NA	NA	<2.8	78.2
NA	19.1	NA	35.3	198	NA	NA	<0.5	76.2
NA	18	NA	48.2	222	NA	NA	<0.5	93.8
NA	17.6	NA	16.8	176 B	NA	NA	<5	66.9
NA	15	NA	15.1	223	NA	NA	<5	76.5
NA	18.6	NA	11.5	184	NA	NA	2.7 J	60.1
NA	18.1	NA	16.9	191	NA	NA	<5	64.4
NA	17	NA	21	220	NA	NA	<1	71
NA	16	NA	26	200	NA	NA	<1	75
NA	19	NA	21	200	NA	NA	<1	61
NA	18	NA	25	200	NA	NA	<1	74
NA	19	NA	14	190	NA	NA	<1	62
9.53	20	106	18	190	118	<1	<1	65
NA	18.1	NA	16.1	206	NA	NA	0.172 j	65.5
NA	21	NA	16.3	194	NA	NA	0.148 j	64.6
11.2	21	NA	24	200	NA	<1	<1	74
11.9	22	NA	25	200	NA	<1	<1	75
14.5 B2	20	NA	29	**1300**	NA	<1	<1	88

13.5 B1	20	117	26	220	80	<1	<1	80
NA	19.4	NA	27.1	195	NA	NA	0.143 j	84.1
14.7 B1	20	NA	29	200	NA	<1	<1	86
14.2	20	118	26	200	54	<1	<1	82
14.8 B2	19	NA	26	200	NA	<1	<1	87
14	21	NA	29	200	NA	<1	<1	81
14.8 B2	20	127	30	180	27	<1	1.94	85
NA	21.3	NA	28.3	223	NA	NA	0.201 j	80.7
16.1	19	NA	36	69	NA	<1	<1	89
15.6	18	132	42	210	369	<1	<1	90
16.6	17	NA	40	230	NA	<1	<1	95
12.4 B2,M4	20	NA	28	190	NA	<1	<1	76
16.2	19	120	32	240	767	<1	<1	88
NA	18	NA	28	200	NA	NA	<1	94
14.5	19	120	26	200	518 B3	<1	<1	86
14 B2	18	NA	23	190	NA	<1	<1	84
17.6	18	146	43	210	408	<1	<1	97
NA	19	NA	42.4	245	NA	NA	<1	95.5
17	18	NA	46	230	NA	<1	<1	91
15.8	19	134	40	220	103	<1	<1	90
18.6	19	NA	59	230	NA	<1	<1	101
19.4	18	151	61	140	66	<1	<1	104
NA	19.3	NA	47.1	213	NA	NA	<1	80.4
20.5	19	NA	65	230	NA	<1	<1	112
17.7	20	154	51	230	45	<1	<1	NA
NA	20.3	NA	50.6	255	NA	NA	<1	97.1
12.5	22	NA	27	227	NA	<1	<1	77
10	22	108	27	203	920	<1	<1	NA
NA	18.7	NA	26	216	NA	NA	<1	74.3
NA	30.3	NA	**806**	**1270**	NA	NA	0.009	82
NA	33.7	NA	**686**	**1570**	NA	NA	0.009	73
NA	29.3	NA	76.1	**1260**	NA	NA	0.009	31
NA	27.1	NA	**544**	**979**	NA	NA	0.009	54
NA	12.4	NA	98.4	378	NA	NA	<0.005	80
NA	26	NA	197	**551**	NA	NA	0.004	52
NA	32.5	NA	146	**530**	NA	NA	<0.005	50
NA	28.4	NA	187	484	NA	NA	<0.003	344
NA	10.7	NA	72.4	328	NA	NA	<0.003	85
NA	42.4	NA	196	**550**	NA	NA	<0.003	320
NA	27.6	NA	146	446	NA	NA	<0.003	680
NA	17	NA	210	**550**	NA	NA	<0.002	50
NA	24	NA	240	**640**	NA	NA	<0.0028	84.4
NA	21	NA	170	**560**	NA	NA	<0.0028	99.5
NA	16	NA	150	420	NA	NA	<0.0039	56.2
NA	7.9	NA	**995**	**1660**	NA	NA	0.77	64.7

NA	19.6	NA	**755**	**1300**	NA	NA	0.58	37
NA	44.2	NA	103	**506**	NA	NA	<5	59.7
NA	37.8	NA	120	**539**	NA	NA	<5	51.9
NA	45.4	NA	114	**510**	NA	NA	<5	45.8
NA	39.4	NA	171	**556**	NA	NA	<5	53.4
NA	40	NA	130	**540**	NA	NA	<1	51
NA	34	NA	180	**600**	NA	NA	<1	52
NA	35	NA	180	**580**	NA	NA	<1	46
NA	32	NA	210	**590**	NA	NA	<1	43
NA	32	NA	200	**580**	NA	NA	<1	56
NA	NA	NA	NA	NA	NA	NA	NA	NA
67.8	34	353	220	**610**	7	<1	<1	45
NA	33.4 B2	NA	218	**607**	NA	NA	0.15 j	45.9
NA	33	NA	230	**611**	NA	NA	<1	49.2
124 B1	28	507	**570**	**1100**	459	<1	<1	71
NA	26.8	NA	**576**	**1040**	NA	NA	0.161 j	70.7
117	29	483	**470**	**1000**	73	<1	<1	52
121 B2	27	482	**460**	**900**	50	<1	<1	53
NA	32	NA	**348**	**603**	NA	NA	0.157 j	51.8
140	29	573	**300**	**1100**	157	<1	<1	66
158 B2	29	587	**670**	**1200**	121	<1	<1	59
NA	28	NA	**670**	**1200**	NA	NA	<1	58
154	29	616	**640**	**1200**	258	<1	<1	55
120	28	480	**440**	**870**	61	<1	<1	42
NA	29.2	NA	**438**	**902**	NA	NA	<1	42
127	29	541	**520**	**930**	114	<1	<1	49
95.2	31	451	**350**	**840**	20	<1	<1	40
NA	30.2	NA	**352**	**752**	NA	NA	<1	40.3
93.3	32	425	**320**	**820**	2.961 j	<1	<1	NA
NA	33.7	NA	**335**	**804**	NA	NA	<1	38.2
107	30	446	**350**	**855**	2.526 j	<1	<1	NA
NA	29	NA	**548**	**1230**	NA	NA	<1	48.7
216	28	1110	**1100**	**1600**	422	<1	<1	40
218	25	1130	**1000**	**1700**	42	<1	<1	46
221	25	1110	**1100**	**1700**	48	<1	<1	47
195 B2	24	1150	**1100**	**1700**	<400	<1	<1	47
207	22	1200	**1100**	**1700**	10	<1	1.15	43
236	23	1110	**1100**	**1700**	21	<1	1.64	39
232	25	1320	**1200**	**1800**	38	<1	1.06	47
228	21	1290	**1100**	**1700**	15	<1	0.743 j	45
214	19	1230	**1100**	**1700**	6.214 j	<1	0.732 j	NA
198	18	1130	**960**	**1590**	4.011 j	<1	1.08	NA
236	28	1370	**1100**	**1800**	101	<1	<1	71
231	25	1470	**1100**	**1800**	30	<1	<1	72
236	25	1460	**1200**	**1800**	6	<1	<1	64

216 B2,,M4	25	1440	**1100**	**1800**	<400	<1	<1	65
220	23	1420	**1100**	**1700**	11	<1	<1	58
244	23	1380	**1100**	**1700**	24	<1	<1	54
233	24	1510	**1200**	**1800**	24	<1	<1	57
237	21	1550	**1200**	**1700**	39	<1	<1	56
238	20	NA	**1100**	**1700**	NA	<1	<1	57
232	19	1520	**1100**	**1800**	5.623 j	<1	<1	NA
219	18	NA	**1100**	**1710**	NA	<1	<1	53
216	16	1440	**1000**	**1670**	2.521 j	<1	<1	NA
239 M4	21	2280	**1100**	**1700**	133	<1	<1	76
237	19	2260	**1000**	**1700**	28	<1	<1	70 M2
239	20	2180	**1100**	**1700**	22	<1	<1	63
216 B2	18	2140	**1000**	**1600**	<400	<1	<1	80
229 M4	17	2310	**1100**	**1700**	71	<1	<1	74
291	20	2580	**1300**	**1900**	22	<1	<1	66
293	21	3020	**1400**	**2000**	19	<1	<1	68
252 M4	13	2450	**1200**	**1700**	119	<1	<1	57
214 M4	12	2050	**930**	**1500**	45	<1	<1	NA
186	12	1730	**980**	**1330**	7.75 j	<1	<1	NA
361	59	1220	**1100**	**1900**	127	<1	<1	57
386	58	1270	**1000**	**2000**	7	<1	<1	61
395	65	1240	**1100**	**2000**	7	<1	<1	59
360 B2	61	1240	**1100**	**2000**	<400	<1	<1	63
360	56	1210	**1100**	**1900**	8	<1	<1	57
407	59	1200	**1100**	**1900**	23	<1	<1	54
398	61	1340	**1100**	**2000**	21	<1	<1	59
418	63	1370	**1200**	**2000**	14	<1	<1	59
403	52	1330	**1200**	**2100**	109	<1	<1	NA
384	49	1420	**1200**	**2070**	8.582 j	<1	<1	NA
125	44	806	**410**	**910**	176	<1	1.87	457
129	44	872	**430**	**980**	131	<1	2.11	451
141	46	891	**460**	**1000**	117	<1	2.31	395
131 B2	51	844	**520**	**1100**	<400	<1	2.1	320
140	50	840	**530**	**1000**	111	<1	2.11	310
148	50	818	**540**	**1000**	112	<1	2.16	294
156	54	1010	**610**	**1200**	171	<1	2.31	323
160	52	985	**680**	**1100**	85	<1	2.43	292
167	51	995	**690**	**1200**	70	<1	2.28	NA
173	54	1030	**660**	**1280**	123	<1	2.15	NA
168	18	951	**470**	**810**	95	<1	<1	18
156	16	869	**440**	**780**	9	<1	<1	20
166	18	852	**480**	**810**	54	<1	<1	27
154 B2	17	860	**460**	**830**	<400	<1	<1	31
171	16	875	**420**	**780**	13	<1	1.15	29
157	16	858	**620**	**730**	10	<1	1.2	28

152	17	904	**440**	**760**	10	<1	1.01	27
154	16	854	**440**	**720**	9	<1	1.75	26
148	15	814	**510**	**760**	7.914 j	<1	1.93	NA
148	16	831	**420**	**755**	7.109 j	<1	1.71	NA
261	25	1680	**1300**	**1900**	147	<1	<1	43
270	20	1680	**1200**	**1900**	171	<1	<1	41
262	18	1580	**1300**	**1800**	72	<1	<1	36
255 B2	22	1650	**1200**	**1800**	<400	<1	<1	40
260	25	1690	**1300**	**1800**	100	<1	<1	36
268	19	1660	**1100**	**1800**	101	<1	<1	35
259 M4	14	1580	**1200**	**1800**	31	<1	<1	33
272	12	1640	**1300**	**1800**	29	<1	<1	32
277	11	1780	**1200**	**1900**	3.047 j	<1	<1	NA
280	21	1800	**1300**	**1970**	3.004 j	<1	<1	NA
108	13	360	140	490	28	<1	<1	8
108	13	361	140	475	4.141 j	<1	0.477 j	9
103	13	353	140	**505**	4.646 j	<1	<1	8
118	13	360	130	**511**	5.192 j	<1	<1	8
NA	NA	NA	29	222	NA	NA	4	120
NA	NA	NA	6.5	298	NA	NA	<5	73
NA	NA	NA	25.3	294	NA	NA	<5	75
NA	NA	NA	27.1	212	NA	NA	<5	70
NA	NA	NA	26.1	355	NA	NA	<5	67
NA	NA	NA	NA	299	NA	NA	<5	64
NA	NA	NA	36.2	333	NA	NA	<5	68
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	66.1	336	NA	NA	<5	78
NA	NA	NA	23.4	314	NA	NA	<5	65
NA	NA	NA	39.9	361	NA	NA	<5	77
NA	NA	NA	29.01	341	NA	NA	<5	72
NA	NA	NA	27	315	NA	NA	<5	77
NA	NA	NA	38.4	290	NA	NA	<5	18
NA	NA	NA	48.1	266	NA	NA	<3	88
NA	NA	NA	49.4	264	NA	NA	<3	233
NA	NA	NA	39.7	354	NA	NA	<3	70
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	21.4	276	NA	NA	<3	662
NA	NA	NA	24.5	280	NA	NA	<3	68
NA	NA	NA	39.5	298	NA	NA	<3	72
NA	NA	NA	39	330	NA	NA	2.2	81.8
NA	NA	NA	26	320	NA	NA	<2.8	84.6
NA	NA	NA	34	340	NA	NA	<2.8	87.5
NA	NA	NA	38	330	NA	NA	<2.8	92.6
60.2	49	526	150	480	<5	<1	<1	129
51.7	52	549	150	470	7	<1	<1	132

53.8	47	509	120	450	29	<1	<1	124
72.2	33	495	40	**550**	118	<1	<1	628
70.7	37	483	43	**510**	183	<1	<1	546
65.8	33	457	39	440	127	<1	<1	548
75.4	40	487	47	**580**	108	<1	<1	543
77.5	41	493	74	**590**	245	<1	<1	376
78.2	40	485	76	**620**	59	<1	<1	395
79.5	37	508	75	**580**	75	<1	<1	436
79.6	38	499	86	**600**	199	<1	<1	404
82.5 B2	40	468	100	**600**	149	<1	<1	297
86.5	41	511	110	**610**	365	<1	<1	339
88.8	40	493	110	**610**	272	<1	0.374 j	333
82.6	41	495	98	**610**	233	0.798 j	0.368 j	354
91.2	44	523	140	**660**	176	0.845 j	<1	266
112	45	627	230	**830**	30	<1	<1	NA
95	41	511	160	**732**	7.659 j	<1	0.389 j	NA
129	42	335	99	**620**	42	<1	0.888 j	16
125 M4	42	337	87	**594**	23	<1	0.677 j	12
126	41	336	86	**620**	7.383 j	<1	0.754 j	11
129 M4	39	343	83	**687**	24	<1	0.776 j	12
NA	NA	NA	24	315	NA	NA	<3	88
NA	NA	NA	36.5	233	NA	NA	<5	172
NA	NA	NA	40.1	219	NA	NA	<5	109
NA	NA	NA	40.7	205	NA	NA	<5	122
NA	NA	NA	53.3	318	NA	NA	<5	128
NA	NA	NA	11.2	242	NA	NA	<5	104
NA	NA	NA	49.4	260	NA	NA	<5	123
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	67	282	NA	NA	<5	143
NA	NA	NA	45.3	262	NA	NA	<5	118
NA	NA	NA	39.4	280	NA	NA	<5	108
NA	NA	NA	52	294	NA	NA	<5	113
NA	NA	NA	48.4	270	NA	NA	<5	136
NA	NA	NA	36.2	272	NA	NA	<5	112
NA	NA	NA	81.7	258	NA	NA	<3	137
NA	NA	NA	68.2	227	NA	NA	<3	288
NA	NA	NA	68.7	344	NA	NA	<3	115
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	51	280	NA	NA	<3	570
NA	NA	NA	**487**	274	NA	NA	<3	111
NA	NA	NA	57.3	246	NA	NA	<3	119
NA	NA	NA	65	330	NA	NA	2.6	132
NA	NA	NA	68	290	NA	NA	<2.8	141
NA	NA	NA	65	300	NA	NA	<2.8	138
NA	NA	NA	66	270	NA	NA	<2.8	136

50.4	90	493	66	470	14	<1	<1	189
46.7	100	520	71	460	109	<1	<1	199
46.8	90	497	63	440	7	<1	<1	197
82.4	140	NA	82	**620**	NA	<1	<1	254
72	170	NA	78	**640**	NA	<1	<1	254
129 B2	**290**	NA	110	**820**	NA	<1	<1	358
185	**400**	NA	130	**1100**	NA	<1	<1	463
181	**430**	NA	130	**1600**	NA	<1	<1	462
208	**520**	NA	150	**1300**	NA	<1	<1	423
283	**580**	NA	160	**1400**	NA	<1	<1	459
237 M4	**640**	1780	170	**2400**	8	<1	<1	79 M4
231	**560**	NA	150	**2200**	NA	<1	<1	429
294 B2	**690**	NA	200	**2200**	NA	<1	<1	439
292	**750**	2160	200	**2500**	7	<1	<1	368
327	**790**	2290	200	**2200**	6	<1	<1	345
376	**780**	NA	**280**	**2700**	NA	<1	<1	337
371	**870**	2390	220	**3000**	8	<1	<1	343
347	**830**	NA	200	**2800**	NA	<1	<1	315
366	**860**	2460	220	**2500**	66	<1	<1	304
366	**910**	NA	220	**2600**	NA	<1	<1	292
395	**930**	2560	220	**2400**	101	<1	<1	287
347	**810**	NA	180	**2100**	NA	<1	<1	268
370	**900**	2370	210	**2300**	44	0.753 j	<1	NA
388	**1100**	NA	220	**2730**	NA	0.646 j	<1	267
486	**1200**	3150	**280**	**2680**	22	0.837 j	<1	NA
84.5	120	674	39	**570**	143	<1	1.29	**974**
NA	NA	NA	NA	NA	NA	NA	NA	NA
74.7	120	612	32	**550**	24	<1	1.53	**1260**
80.4	120	656	22	500	48	<1	2.63	**1610**
68.2	120	556	32	500	45	<1	2.32	**1180**
59.9	110	518	34	450	14	<1	<1	**1180**
62.8	110	541	38	500	15	<1	<1	**1250**
74.4	110	606	44	**530**	31	<1	1.29 M4	**1530**
82.6	120	607	47	**570**	34	<1	1.03	**1480**
67.6	110	495	47	500	9	<1	<1	**744**
66.6	100	504	47	**590**	20	<1	1.17	**1130**
78.3	110	599	47	**520**	30	<1	1.13	**1440**
70.4	110	550	48	**530**	21	<1	0.616 j	**813**
76.4	100	591	49	**520**	34	<1	0.617 j	**1140**
63	99	490	48	470	16	<1	1.03	629
58.4	83	463	48	460	9.226 j	<1	0.543 j	NA
57	76	416	50	498	15	<1	0.732 j	NA
348	71	1370	**1200**	**2100**	122	<1	<1	49
NA	NA	NA	NA	NA	NA	NA	NA	NA
327	76	1410	**1300**	**2400**	233	<1	<1	43

362	77	1320	**1300**	**2300**	54	<1	<1	35
374	76	1470	**1400**	**2300**	125	<1	<1	41
340	71	1420	**1300**	**2400**	12	<1	<1	37 M2,R1
339	74	1420	**1300**	**2400 H1**	16	<1	<1	37
371	72	1390	**1400**	**2200**	25	<1	<1	36
363 B1	76	1520	**1400**	**2400**	8	<1	<1	36
359	67	1450	**1400**	**2300**	16	<1	<1	37
375	67	1430	**1400**	**2300**	79	<1	<1	34
362 M4	63	1460	**1300**	**2300**	251	<1	<1	41
390	67	1500	**1300**	**2200**	230	0.34 j	<1	35
359	68	1560	**1500**	**2300**	46	<1	<1	36
382	73	1550	**1400**	**2300**	95	<1	<1	36
376	74	1520	**1300**	**2400**	73	<1	<1	NA
356	68	1600	**1400**	**2390**	8.353 j	<1	<1	NA
21.4	19	170	44	220	275	**2.74**	1.57	50
NA	NA	NA	NA	NA	NA	NA	NA	NA
15.1	20	174	47	200	140	**2.85**	1.58	37
17.4	20	189	44	180	117	**1.87**	1.65	35
23.6	19	246	39	220	85	**1.1**	1.15	44
24.2	19	270	38	240 H1	118	**1.6**	1.47	46
35.6	19	298	35	270	71	1	1.3	49
35.4	19	272	34	270	26	**1.07**	1.26	42
40.3	18	294	33	280	107	<1	1.31	52
35.2 B2	18	239	32	260	63	**1.22**	1.29	41
43.1	19	281	33	280	98	<1	1.26	48
42.9	20	259	34	270	28	0.914 j	1.26	44
47.9 M4	18	277	32	270	6	0.619 j	1.37	43
51.6	19	293	32	260	10	<1	1.4	46
49.4	19	287	31	330	34	<1	1.63	NA
53.5	18	277	28	371	17	<1	1.58	NA
41.6	16	200	26	310	202	<1	<1	72
37.9 B1	13	190	24	250	351	<1	1.7	43
83.4	14	269	110	**1200**	29	<1	<1	16
NA	NA	NA	NA	NA	NA	NA	NA	NA
83.2	14	294	150	430	28	<1	<1	17
79.3	14	278	140	380	17	<1	<1	16
84	14	290	160	470	23	<1	<1	18
94.3	15	290	180	500	13	<1	<1	17
99.6	16	294	200	**540**	12	<1	<1	18
112	17	319	**290**	**560**	32	<1	<1	20
112	17	327	240	**580**	7	<1	<1	20
95.7	16	286	200	**530**	69	<1	1.02	16
107	16	315	210	500	103	<1	<1	18
113	16	309	**260**	**540**	95	<1	0.705 j	17
107	17	310	220	**560**	10	<1	0.386 j	14

107	16	288	210	**520**	7	<1	0.484 j	14
112	16	310	210	**560**	13	<1	0.667 j	NA
110	16	309	210	**571**	8.83 j	<1	0.456 j	NA
132	23	704	**680**	370	7	<1	<1	95
NA	NA	NA	NA	NA	NA	NA	NA	NA
9.3	20	497	**540**	**1000**	69	<1	<1	50
8.36	16	451	**500**	**850**	<5	<1	<1	39
84.9	14	440	**470**	**900**	7	<1	<1	41
76.1	12	373	**390**	**770**	10	**1.06**	<1	30
70.8	12	363	**390**	**710**	10	<1	<1	27
75.3	12	379	**400**	**700**	76	<1	<1	27
63.6	11	348	**380**	**680**	6	<1	<1	26
69 B2	15	361	**360**	**680**	6	<1	<1	26
76.5	15	404	**360**	**660**	11	<1	<1	28
74.2	14	382	**370**	**660**	16	0.517 j	<1	27
78.1 M4	12	434	**390**	**680**	5	0.712 j	<1	29
76.9	11	411	**480**	**660**	5	0.774 j	<1	27
69.2	15	379	**310**	**610**	4.519 j	0.753 j	0.405 j	NA
68.2	12	380	**300**	**580**	4.544 j	0.44 j	0.354 j	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
36.7	7.8	145	9.3	210	90	<1	<1	9
NA	NA	NA	NA	NA	NA	NA	NA	NA
37	7.6	169	4.6	220	319	<1	<1	12
35.8	9.3	152	14	270	20	<1	<1	9
36.5	8.6	160	11	400	49	<1	<1	10
37.8	8.6	154	12	240	37	<1	<1	9
34.4 M4	8	157	14	250	81	<1	<1	9
39	8.5	158	13	230	30	<1	<1	9
40 B3	8.2	143	13	240	32	<1	<1	8
38.8	7.8	152	14	220	39	<1	<1	8
43.1	8.6	164	21	240	14	<1	<1	NA
44.7	8.7	164	20	251	22	<1	<1	NA
34.1	11	195	56	260	151	<1	<1	9
NA	NA	NA	NA	NA	NA	NA	NA	NA
32.6	11	197	54	250	18	<1	<1	7
29.3	11	184	44	260	9	<1	<1	6
29.6	9.9	177	42	230	8	<1	<1	<5
30.8	9.8	187	39	250	10	<1	<1	6
30.1	9.1	189	37	250	13	<1	<1	6
31	11	183	36	240	<5	<1	<1	5
31.3 B3	12	166	36	240	<5	<1	<1	<5
29.6	13	177	35	230	71	<1	<1	6
28.4	21	166	33	210	7.24 j	<1	<1	NA
27.8	21	157	32	215	2.547 j	<1	<1	NA
54.3	12	142	17	280	77	<1	<1	10

41.5	7.5	140	22	260	60	<1	<1	21
56.9 M4	7.2	152	19	290	141	<1	1.05	13
51.9	6.5	136	17	220	35	<1	<1	10
45.5	7.1	130	21	270	13	<1	<1	13
44	7	132	23	250	24	<1	<1	14
56.4 M4	7.3	139	24	250	83	<1	1.42	15
57.8 B3	5.4	129	13	270	67	<1	1.39	12
55.3	6.1	143	18	260	27	<1	1.05	15
34.8	7.2	112	28	220	48	<1	0.699 j	14
28.1	7	96	26	180	39	<1	0.724 j	12
23.3	6	92	26	180	22	<1	0.636 j	11
24.2	4.9	93	28	200	3.731 j	<1	0.614 j	NA
58.7	6	135	19	288	2.867 j	<1	0.917 j	NA
64.4	25	220	29	370	40	<1	<1	36
56.2	26	202	28	340	139	<1	<1	36
56.2 M4	26	209	27	340	29	<1	<1	34
69	25	219	23	220	146	<1	1.03	34
68.1	25	220	24	350	58	<1	<1	34
71.9	25	222	25	370	220	<1	<1	36
75.1	26	214	25	360	194	<1	<1	33
79.7 B2,,B3	25	210	24	380	<400	<1	<1	36
74.6	23	217	24	350	52	<1	<1	36
80.9	27	219	27	390	120	0.38 j	0.658 j	34
72.5	25	205	27	380	56	0.78 j	0.355 j	30
78.6	24	220	26	350	23	<1	0.504 j	31
80.2	24	NA	27	370	NA	<1	<1	31
80.6	25	221	27	450	11	<1	<1	NA
76.4	24	NA	27	382	NA	<1	<1	28
75.4	26	200	28	**505**	9.122 j	<1	<1	NA
30.1	15	208	24	240	133	<1	<1	53
NA	NA	NA	NA	NA	NA	NA	NA	NA
25.6	13	163	22	210	299	<1	<1	33
26.1	11.5	170	21.1	154	110	<0.5	<0.5	25
24.4	11	178	22	210	175	<1	<1	26
25.2 M4	12	167	23	210	51	<1	<1	24
24.1	11	161	22	240	51	<1	<1	21
24.4	11	165	21	200	92	<1	<1	23
24.9	11	165	21	220	244	<1	<1	23
24	12	182	21	220	126	<1	<1	24
25.3 B2,,B3	13	180	23	230	<400	<1	<1	25
24.8	13	187	23	200	67	<1	<1	25
24.6	14	185	23	220	158	<1	<1	26
26.6	15	221	23	240	2.893 j	<1	<1	28
27	17	233	24	220	8	<1	<1	29
33	19	NA	24	230	NA	<1	<1	35

32.8	20	281	24	250	4.802 j	<1	<1	NA
30.1	19	NA	22	243	NA	0.394 j	<1	30
30.7	20	242	23	273	8.943 j	<1	<1	NA
447 M4	31	2080	**2000**	**3100**	39	<1	<1	38
428	26	2020	**1900**	**3030**	11	<1	<1	36
428 M6	23	2040	**1900**	**3220**	151	<2.2 D3,M6	<1 D3,M6	34.7
424	24	2060	**1800**	**3550**	100	<1	<1	37
146	21	411	**470**	**930**	266	**1.06**	1.27	20
136	21	414	**400**	**927**	392	0.517 j	1.04	22
81.4	21	457	**320**	**950**	320	<0.55 D3	0.88	21
79.4	19	867	240	**1110**	807	<1	0.852 j	30
60	17	194	40	350	24	<1	<1	93
NA	NA	NA	NA	NA	NA	NA	NA	NA
58.6	16	201	40	350	25	<1	<1	107
57.1	17	196	41	330	13	<1	<1	107
57.7	18	196	42	370	8	<1	<1	120
52.4	18	181	41	330	6	<1	<1	112
53.1 M4	18	NA	41	360	NA	<1	<1	116
57.4	19	191	41	340	<5	<1	<1	131
55.6 B2	19	NA	41	430	NA	<1	<1	127
52.6	18	188	41	**820**	6	<1	<1	135
55.8 M4	19	NA	43	370	NA	<1	<1	135
49.6	19	160	42	230	8	<1	<1	120
56.3 B2	18	NA	40	360	NA	<1	<1	136
54.5	19	NA	41	350	NA	<1	<1	150
51	18	176	40	330	7	<1	<1	145
50.9	21 B2	NA	48	340	NA	<1	<1	153
50.7	18	169	40	330	<5	<1	<1	145
52.8	19	NA	43	320	NA	<1	<1	155
48.3	18	174	46	320	<5	<1	<1	138
49.3	18	NA	40	330	NA	<1	<1	137
51.9 B2	19	NA	40	330	NA	<1	<1	136
47.3	18	161	39	320	<5	<1	<1	129
49.4	18	177	40	320	<5	<1	<1	127
50.7	19	NA	41	340	NA	<1	<1	122
49.2	20	178	42	340	1.945 j	<1	<1	141
49.6	19	NA	39	320	NA	<1	<1	132
48.4	18	167	39	340	4.853 j	<1	<1	125
48.8	19	NA	39	320	NA	<1	<1	118
47.7	19	166	39	310	2.16 j	<1	<1	122
50.6	19	NA	39	350	NA	<1	<1	117
51.1	20	176	40	340	8.617 j	<1	<1	NA
52.2	21 M2	NA	41 M2	328	NA	<1	<1	119
53.7	20	181	37	369	291	<1	<1	NA
42.4	7.2	129	35	180	43	<1	<1	118

NA	NA	NA	NA	NA	NA	NA	NA	NA
40.8	5.9	116	37	270	36	<1	<1	101
42.9	10	NA	39	300	NA	<1	<1	146
46.7	14	NA	41	350	NA	<1	<1	192
48.1	14	187	40	350	<5	<1	<1	196
48.7 B2	14	NA	42	350	NA	<1	<1	194
42.6	10	162	38	290	115	<1	<1	159
45.2	9.8	NA	38	**1800**	NA	<1	<1	154
48	12	NA	39	330	NA	<1	<1	180
46.5	14	189	41	340	13	<1	<1	201
48.7	14	NA	43	320	NA	<1	<1	187
47.9	14	185	41	360	<5	<1	<1	192
50.7	15	NA	42	340	NA	<1	<1	204
44.9	13	175	42	320	27	<1	<1	176
46.8	13	NA	42	320	NA	<1	<1	183
48.7 B2	14	NA	41	340	NA	<1	<1	185
47.7 B2,,B3	12	165	41	340	<400	<1	<1	200
44.9	12	156	41	300	7 B3	<1	<1	161
43.7 B2	11	NA	39	300	NA	<1	<1	164
49.4	14	186	41	320	17	<1	<1	191
47.9	13	NA	40	340	NA	<1	<1	177
47.5	12	186	41	300	28	<1	<1	177
48.9	14	NA	42	320	NA	<1	<1	187
50.8	14	190	42	310	2.945 j	<1	<1	191
48.5	13	NA	43	350	NA	<1	<1	178
49.8	13	193	40	330	7.152 j	<1	<1	NA
50.5	14	NA	39	339	NA	<1	<1	192
49	13	181	42	348	3.66 j	<1	<1	NA
36.7	23	NA	21	290	NA	<1	<1	150
44.5	20	NA	32	320	NA	<1	<1	164
48.3 B1	19	NA	34	350	NA	<1	<1	175
45	19	NA	32	320	NA	<1	<1	181
42.9	17	NA	31	330	NA	<1	<1	158
41.5	19	348	33	320	667	<1	<1	181
42.3	20	NA	32	320	NA	<1	<1	178
43.2	18	NA	35	330	NA	<1	<1	178
44.5 B2	18	NA	35	340	NA	<1	<1	170
42.6 B1	18	NA	35	320	NA	<1	<1	166
44.1 B2,,B3	18	326	36	350	<400	<1	<1	190
40.1	18	337	36	310	115 B3	<1	<1	180
39.9 B2	17	NA	35	310	NA	<1	<1	171
41.2	17	331	36	300	7	<1	<1	187
40.8	17	NA	36	320	NA	<1	<1	179
41.8	17	336	37	280	33	<1	<1	189
39.7	18	NA	38	300	NA	<1	<1	176

40.4	17	325	37	280	56	<1	<1	183
39.9	17	NA	39	320	NA	<1	<1	177
39.9	18	314	37	290	18	<1	<1	NA
39	16	NA	37	305	NA	<1	<1	178
38	17	299	38	317	4.694 j	<1	<1	NA
82.3	38	222	31	390	34	<1	<1	39
NA	NA	NA	NA	NA	NA	NA	NA	NA
84.8	38	223	28	420	27	<1	<1	40
87.3	49	236	33	430	16	<1	<1	46
92.6 B2,,B3	50	243	34	440	<400	<1	<1	52
94	49	255	34	410	17	<1	<1	51
97.6	57	250	38	460	14	<1	0.727 j	51
94 M4	54	250	39	450	24	<1	0.761 j	49
89.8	56	235	39	420	16	<1	0.745 j	44
92.9	49	244	37	420	5.349 j	<1	0.43 j	NA
89.9	48	232	36	460	7.359 j	<1	0.464 j	NA
47.8	84	409	30	380	11	<1	<1	323
45.8	76	411	18	370	39	<1	1.06	309
46.7	77.5	410	16.7	390	<100	<0.5	1.3	330
54.4	93	416	29	420	41	<1	1.06	349
47.1	100	427	33	400	30	<1	<1	380
NA	NA	NA	NA	NA	NA	NA	NA	NA
47.7	97	NA	35	410	NA	<1	<1	396
50.9	98	444	33	400	103	<1	<1	409
51.1 B2	98	NA	33	370	NA	<1	<1	394
48.1	92	418	33	380	73	<1	<1	388
49.3 B2	97	NA	34	400	NA	<1	<1	389
46.3	87	415	33	380	108	<1	<1	365
49.7	84	NA	33	390	NA	<1	<1	370
49.8	92	NA	33	390	NA	<1	<1	393
49.2	94	423	33	390	154	<1	<1	402
47.3	93 B2	NA	33	400	NA	<1	<1	409
49.3 B2	120	424	32	420	22	<1	<1	406
51.1	100	NA	37	410	NA	<1	<1	430
47.1	92	440	36	390	19	<1	<1	420
48.5	90	NA	35	400	NA	<1	<1	406
49.8 B2	99	NA	35	410	NA	<1	<1	416
46.8	93	406	34	420	7	<1	<1	389
48	90	402	35	380	17 B3	<1	<1	382
46.6 B2	85	NA	33	380	NA	<1	<1	387
49.2	99	425	36	420	3.394 j	<1	<1	425
47.3	86	NA	34	370	NA	<1	<1	363
49 M4	96	423	33	360	20	<1	<1	417
48.5	90	NA	33	380	NA	<1	<1	370
50.1	99	442	34	380	3.943 j	<1	<1	425

51.6	96	NA	33	390	NA	<1	<1	389
50.7	93	429	32	410	12	<1	<1	NA
43.8	76	NA	29	352	NA	<1	<1	315
46.2	67	383	25	459	16	<1	<1	NA
71.2	40	165	15	370	12	<1	<1	32
67.7	40	169	13	370	224	<1	<1	37
71.3	41.9	180	11.3	358	<100	<0.5	<0.5	34
67.6	43	175	12	390	57	<1	<1	38
65.3	41	159	13	380	15	<1	<1	32
69.2	42	181	11	360	53	<1	<1	37
64.6	41	176	11	360	69	<1	<1	35
64.4	40	175	12	360	19	<1	<1	34
66.7	41	165	13	350	16	<1	<1	33
65.2	39	164	13	360	16	<1	<1	32
63.9 M4	42	169	14	350	54	<1	<1	33
60.5	44	159	13	350	13	<1	<1	30
66.9	42	175	13	370	57	<1	<1	31
68.4	43	168	13	350	23	<1	0.334 j	34
65.5	47	183	13	360	33	0.373 j	0.479 j	35
64.1	52	197	13	340	6	<1	0.503 j	36
65	47	182	12	390	14	<1	0.438 j	NA
64.4	50	184	12	434	8.837999 j	<1	0.336 j	NA
43.7 M4	32	206	9.9	300	3040	<1	<1	182
38.6 B1,M4	31	201	9.4	270	3830	<1	<1	186
37.2	29	198	9.8	280	693	<1	<1	144
64.5	34	142	30	340	378	<1	<1	19
48.7	34	110	26	300	377	<1	<1	19
41.4	33.2	90	19.7	231	200	<0.5	0.59	15
38	34	92	22	280	164	<1	<1	16
48.1	37	72	25	300	343	<1	<1	18
58.3	38	NA	27	340	NA	<1	<1	23
46.5	37	64	30	300	131	<1	<1	15
45.5 B2	37	NA	30	300	NA	<1	<1	14
54.3	37	76	27	310	98	<1	<1	16
61.7 B2	38	NA	32	290	NA	<1	<1	20
70.8 M4	38	140	28	360	169	<1	<1	19
81.6 B2	38	NA	29	370	NA	<1	<1	22
62.2	39	NA	29	320	NA	<1	<1	21
65.5	39	141	29	350	146	<1	<1	20
55.9	37 B2	NA	27	330	NA	<1	<1	20
69.8	36	136	27	350	58	<1	<1	20
68.1	40	NA	30	340	NA	<1	<1	23
73.1	39	148	32	300	115	<1	<1	20
75.4	38	NA	30	320	NA	<1	<1	19
69.5 B2	40	NA	33	350	NA	<1	<1	16

69.4	38	112	30	440	57	<1	<1	17
64.1	41	133	32	390	42	<1	<1	16
64.3	41	NA	33	350	NA	<1	<1	16
63.9	43	138	33	350	41	<1	0.403 j	18
65.9	41	NA	29	330	NA	<1	0.543 j	17
61.9	41	121	32	380	82	<1	<1	16
67	42	NA	31	340	NA	<1	<1	16
65.3	42	126	33	320	58	<1	<1	17
75.3	40	NA	33	330	NA	<1	<1	15
66.3	40	102	33	320	54	<1	<1	NA
61.2	39	NA	32	323	NA	0.56 j	<1	13
62	41	113	35	369	31	<1	<1	NA
67.8	43	243	29	410	121	<1	<1	10
66.6	43	241	28	400	588	<1	<1	9
66	41.2	240	24.3	421	<100	<0.5	<0.5	5
60.4	40	231	24	430	201	<1	<1	8
67.5	47	NA	30	420	NA	<1	<1	8
65.5	44	239	29	430	45	<1	<1	7
68.1	46	248	31	420	36	<1	<1	7
67 B2	46	NA	31	420	NA	<1	<1	7
63.7	44	241	29	410	125	<1	<1	6
65.9 B2	45	NA	29	400	NA	<1	<1	6
63.1	46	242	30	400 H1	331	<1	<1	7
70.5 B2	43	NA	29	420	NA	<1	<1	7
70.3	46	NA	30	410	NA	<1	<1	6
65.8	45	246	29	420	55	<1	<1	6
65.6	49 B2	NA	33	410	NA	<1	<1	6
66.4	41	239	28	410	14	<1	<1	6
68.7	44	NA	29	410	NA	<1	<1	10
63.7	43	241	30	420	17	<1	<1	6
64.9	41	NA	29	380	NA	<1	<1	6
66.2 B2	44	NA	28	400	NA	<1	<1	<5
62.7	41	229	28	440	11	<1	<1	5
67.2	46	244	30	400	9	<1	<1	6
67.5	47	NA	30	420	NA	<1	<1	6
66.2	47	229	30	420	79	<1	<1	6
63.5 M4	43	NA	28	400	NA	<1	<1	7
61.6	40	221	27	420	18	<1	<1	5
65.7	45	NA	28	410	NA	<1	<1	5
63.3	43	232	27	390	13	<1	<1	6
69.1	44	NA	29	380	NA	<1	<1	6
70.3	52	255	35	360	47	<1	<1	NA
66.1	49	NA	32	420	NA	<1	<1	6
63.2	42	223	29	429	87	<1	<1	NA
57.2	12	166	26	310	10	<1	<1	64

NA	NA	NA	NA	NA	NA	NA	NA	NA
56.1	13	174	28	320	101	<1	<1	69
54 M1	11.9	170	23.5	293	120	<0.5	<0.5	76
53.3	13	171	26	310	93	<1	<1	75
50.3	12	NA	25	310	NA	<1	<1	67
51.2	12	NA	25	300	NA	<1	<1	71
50.7 B2	12	NA	26	220	NA	<1	<1	71
50.2	12	172	25	290	54	<1	<1	65
53.3	11	NA	25	310	NA	<1	<1	66
52.3	12	NA	25	300	NA	<1	<1	67
50.3	11 B2	NA	25	310	NA	<1	<1	64
51.8	11	NA	25	280	NA	<1	<1	65
49.2	10	159	25	300	<5	<1	<1	62
48.8	10	NA	24	300	NA	<1	<1	62
51.3 B2	10	NA	25	300	NA	<1	<1	60
49.5	11	159	26	340	<5	<1	<1	60
51.7	10	165	26	280	<5 B3	<1	<1	70
49.9	10	NA	25	280	NA	<1	<1	65
50.6	11	161	26	300	3.633 j	<1	<1	66
49.1	9.6	NA	23	280	NA	<1	<1	63
53	9.2	167	22	260	6	<1	<1	66
49.6	9.6	NA	23	270	NA	<1	<1	60
47.8	10	151	23	280	3.109 j	<1	<1	60
52.5 B1	9.7	NA	22	260	NA	<1	<1	60
51.6	9.9	163	21	330	11	<1	<1	NA
51.3	11	NA	23	295	NA	<1	<1	64
55.4	9.9	162	20	362	12	<1	<1	NA
84.2	15	960	40	370	35	<1	<1	107
78.4 M4	16	945	41	380	368	<1	<1	110
86.5	15	890	38.8	370	260	<0.5	<0.5	100
85.8	15	917	39	380	81	<1	<1	100
84.6	14	887	39	390	127	<1	<1	97
88.2	14	NA	38	400	NA	<1	<1	98
90.3	14	893	37	370	151	<1	<1	96
83.5 B2	14	NA	37	390	NA	<1	<1	93
86.9	13	915	36	370	156	<1	1.16	99
89.2 B2	14	NA	37	380	NA	<1	1.05	99
87.7 M4	12	890	36	400	62	<1	<1	97
82.4	12	NA	36	410	NA	<1	<1	91
93.9	12	NA	37	390	NA	<1	<1	103
92.5	11	896	36	390	10	<1	<1	100
90.8	12 B2	NA	38	400	NA	<1	<1	101
90.1 M4	11	892	35	410	<5	<1	<1	98
96	13	NA	39	380	NA	<1	<1	104
87	12	882	38	390	6	<1	<1	93

87.9	12	NA	38	380	NA	<1	<1	94
88.5 B2	12	NA	37	400	NA	<1	<1	92
85.7	11	841	36	400	6	<1	<1	89
90.5	12	859	38	380	<5 B3	<1	<1	92
89.1 B2	12	NA	36	380	NA	<1	<1	95
90.4	12	922	37	360	3.956 j	<1	0.346 j	99
88.2	13	NA	37	350	NA	<1	0.427 j	94
89.8 M4	13	912	37	370	5	<1	<1	97
88.6	12	NA	37	360	NA	<1	<1	92
85.6	13	855	36	360	2.626 j	<1	0.365 j	91
88.1	12	NA	37	400	NA	<1	0.356 j	88
87.7	13	885	36	390	5.515 j	<1	<1	NA
86 M2	13	NA	37	387	NA	<1	<1	87
86.1 M4	12	873	37	445	6.516 j	<1	0.406 j	NA
95.4	120	224	16	**530**	55	<1	<1	77
NA	NA	NA	NA	NA	NA	NA	NA	NA
82	130	209	3.7	**540**	44	<1	<1	52
89	124	230	1.5	413	<100	<0.5	<0.5	49
94.5	120	232	5	**530**	71	<1	<1	62
89.3	120	213	11	480	10	<1	<1	51
80	130	NA	9.9	500	NA	<1	<1	49
85	120	391	7.6	430	42	<1	<1	55
83 B2	120	NA	7.6	400	NA	<1	<1	53
54.2	120	497	3.9	390	27	<1	<1	46
57.7 B2	130	NA	4	400	NA	<1	<1	46
97.2	120	249	13	**530**	7	<1	<1	47
102 B2	120	NA	12	**520**	NA	<1	<1	49
100	130	NA	4.6	**520**	NA	<1	<1	50
89.7	140	252	4.5	460	9	<1	<1	50
96.6	130 B2	NA	3.5	**550**	NA	<1	<1	50
103 M4	120	249	5.8	**560**	6	<1	<1	48
109	130	NA	10	**580**	NA	<1	<1	52
98.4	130	315	11	**600**	6	<1	<1	53
103	130	NA	11	**540**	NA	<1	<1	54
93.9 B2	130	NA	9.6	**590**	NA	<1	<1	58
78.1	130	458	6.2	**550**	27	<1	<1	65
93.1	140	369	8	500	5	<1	<1	62
97.9	140	NA	7.7	**540**	NA	<1	<1	61
97.9	150	438	8.8	**580**	14	<1	<1	83
91.4	130	NA	10	490	NA	<1	0.467 j	89
98.2	130	453	12	**530**	43	<1	<1	88
97.6	130	NA	14	**510**	NA	<1	0.35 j	100
93.7	130	615	16	500	13	<1	0.4 j	99
103	130	NA	15	440	NA	<1	0.347 j	98
91.8	140	490	15	490	25	<1	<1	NA

82.1	130	NA	13	450	NA	<1	<1	89
51.5 M4	130	458	10	**526**	53	<1	<1	NA
108	120	1270	130	**580**	126	**1.72**	<1	68
NA	NA	NA	NA	NA	NA	NA	NA	NA
80.3	170	764	61	**650**	67	**2.53**	<1	39
103 M6	181 M6	670	48.1	**554**	230	0.64	<0.5	36
85.3	170	629	39	**610**	31	<1	<1	19
90.8	180	NA	38	**690**	NA	<1	<1	33
92	150	767	37	**640**	71	<1	<1	37
106	150	730	37	**540**	21	<1	<1	33
98.2 B2, M4	150	NA	37	340	NA	<1	<1	32
104	150	760	31	**540**	38	<1	<1	45
108 B2	160	NA	35	**530**	NA	<1	<1	44
103	170	667	35	**600**	20	<1	<1	23
111 B2	160	NA	38	**640**	NA	<1	<1	26
115	180	NA	33	**700**	NA	<1	<1	20
108 M4	190	767	33	**600**	60	<1	<1	29
116	180 B2	NA	29	**720**	NA	<1	<1	26
111	170	665	32	**750**	8	<1	<1	21
117	180	NA	31	**730**	NA	<1	<1	31
95	160	598	34	**670**	10	<1	<1	19
97	160	NA	33	**640**	NA	<1	<1	18
96.7 B2	160	NA	33	**660**	NA	<1	<1	18
95.5	170	574	30	**740**	5	<1	<1	18
93.9	180	664	32	**630**	10	<1	<1	23
97.3	180	NA	31	**650**	NA	<1	<1	22
103	180	732	32	**710**	9	<1	<1	42
96.7	170	NA	32	**650**	NA	<1	<1	33
94.2	150	579	33	**590**	27	<1	0.354 j	31
91	160	NA	33	**610**	NA	<1	0.353 j	25
82.9	170	782	29	**570**	9	<1	<1	46
91.4	130	NA	32	420	NA	<1	<1	36
85.9	110	505	34	450	16	<1	<1	NA
80.1	120	NA	32	448	NA	<1	<1	23
82.3	160	553	31	**515**	40	<1	<1	NA
58.1	59	189	7.7	380	120	<1	1.39	79
65.1 B1	63	192	0.83	380	163	<1	2.6	85
73.8 M4	68	200	0.18	430	225	<1	2.39	73
78.7 B1	70	217	2.5	420	65	<1	2.57	63
92.3	74	230	5	440	44	<1	2.9	60
90.1	87	228	1.4	450	12	<1	1.81	38
83.7	87	222	1.2	440	33	<1	1.93	48
99.3 B2	78	241	14	490	<400	<1	2.84	55
106	80	256	14	470	26	<1	2.45	58
112	83	251	11	480	36	<1	2.28	56

102	77	250	17	430	21	<1	2.18	49
107	73	246	23	470	12	<1	2.12	52
110	70	259	25	480	18	<1	1.93	NA
102	70	242	27	**543**	11	<1	1.51	NA
291	**570**	668	99	**1500**	51	<1	<1	179
288	**800**	687	100	**1960**	3.74 j	<1	<1	190
280 M4	**610**	721	100	**1970**	17	<1	<1	193
340	**670**	781	110	**3840**	16	<1	<1	212
388	**840**	970	240	**2000**	99	<1	0.94 j	194
356	**790**	914	**290**	**2510**	12	<1	0.94 j	170
386	**860**	1000	230	**2590**	34	<1	0.555 j	180
399	**700**	886	190	**2790**	6.998 j	0.474 j	0.823 j	156
844	**1900**	2490	**500**	**4700**	216	<1	3.03	133
771	**1700**	2660	**580**	**4730**	22	**1.9**	1.9	104
776	**1900**	2530	**580**	**4780**	26	<1	0.447 j	122
879	**1700**	2860	**580**	**5410**	88	<1	0.713 j	152
104	220	354	150	**720**	322	0.46 j	1.9	72
87.3	210	448	150	**703**	10	<1	3.43	55
86.1	180	461	110	**686**	6.658 j	<1	3.5	52
91.4	190	572	120	**739**	16	<1	4.38	59
178	**390**	568	110	**990**	32	0.617 j	0.67 j	61
205	**600**	627	160	**1440**	38	<1	0.379 j	62
220	**500**	646	120	**1300**	11	<1	<1	63
258	**540**	727	140	**1850**	102	<1	<1	70
219 M4	**460**	855	**310**	**820**	334	<1	1.08	89
220	**430**	1340	**730**	**2190**	93	<1	0.581 j	88
222	**470**	877	**300**	**1450**	699	<1	<1	73
236	**410**	1130	**490**	**1720**	136	<1	1.01	78
40.2	6.3	155	7.5	210	8	<1	<1	<5
41.2	5.5	156	7.7	220	<5	<1	<1	<5
43.5	7.6	161	8	200	<5	<1	<1	<5
44.2 M4	9.5	162	9.4	200	<5	<1	<1	<5
42.7 B1	11	166	9.4	230	14	<1	<1	<5
49	11	183	9.8	240	50	<1	<1	<5
49.1	11	184	10	250	37	<1	<1	<5
48.9	12	184	11	220	<5	<1	<1	<5
49.1	12	165	11	240	<5	<1	<1	<5
54.5	13	189	11	250	34	<1	<1	<5
56	14	195	12	230	2.253 j	<1	<1	5
56.2	14	196	13	260	2.644 j	<1	<1	5
58.1	14	206	13	240	2.827 j	<1	<1	5
59.6	15	NA	13	300	NA	<1	<1	5
60.1	14	212	13	260	2.98 j	<1	<1	NA
57.4	14	NA	12	272	NA	<1	<1	5
55.3	14	198	13	308	2.675 j	<1	<1	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
7.69	5	321	25	170	706	<1	1.31	44
66.3	28	387	40	360	66	<1	0.757 j	17
65.6 B2	42	432	57	370	17	<1	0.924 j	18
66	80	503	98	490	76	<1	1.72	27
77.7	120	544	140	**580**	44	<1	3.25	30
82.9	160	748	200	**740**	21	<1	4.82	NA
78.1	200	800	230	**809**	5.471 j	<1	5.14	46
80 M4	220	843	**260**	**957**	23	<1	4.97	NA
148	23	539	**350**	**870**	117	<1	<1	89
146 B1	25	552	**380**	**860**	33	<1	<1	84
149 M4	24	556	**370**	**860**	53	<1	1.11	86
138	24	515	**370**	**880 H1**	10	<1	<1	75
150	25	560	**370**	**930**	47	<1	1.26	81
169 B1	23	574	**410**	**910**	28	<1	<1	86
167	21	615	**490**	**1000**	26	<1	<1	80
153 B3	20	486	**480**	**990**	7	<1	<1	70
150	21	600	**470**	**950**	8	<1	<1	63
154	19	595	**670**	**930**	9	<1	<1	68
157	20	605	**490**	**990**	16	<1	<1	72
162	21	605	**660**	**950**	25	<1	<1	51
134	30	514	**400**	**860**	8.316 j	<1	<1	NA
148 M4	28	555	**480**	**959**	15	<1	<1	NA
35.1 M4	6.8	1910	120	**560**	259	<1	<1	164
430	28	1600	**1400**	**2200**	355	<1	<1	52
157 B1	24	1710	**1500**	**2300**	73	<1	<1	46
319 M4	26	1680	**1200**	**2000**	129	<1	<1	55
357	24	1740	**1300**	**2300 H1**	38	<1	<1	48
478 M4	20	1780	**1300**	**2200**	290	<1	<1	46
248 B1	21	1230	**840**	**1500**	15	<1	<1	32
345	23	1680	**1300**	**2100**	52	<1	<1	43
286 B3	19	1540	**1200**	**1900**	21	<1	<1	35
332	18	1690	**1200**	**1900**	9	<1	<1	39
459	16	1740	**1300**	**2000**	4.719 j	<1	<1	32
327	20	1570	**1100**	**1800**	8	<1	<1	37
172	16	939	**620**	**1100**	10	<1	<1	24
148	20	868	**580**	**1000**	8.015 j	<1	<1	NA
217	19	1260	**820**	**1420**	2.869 j	<1	<1	NA
85.9	34	413	5	290	503	**1.36**	<1	66
1890	27	2880	3.4	**850**	1060	**1.67**	<1	481
576 M4	28	6320	1.2	54	525	<1	<1	**1300**
212	30	1230	2.9	**620**	1830	<1	<1	261
47.9	44	152	34	300	396	<1	<1	15
47	39	170	23	280	436	<1	<1	10
45.5	40	165	22	260	116	<1	<1	10

41.5	40	143	19	280	149	<1	<1	8
43.8	40	141	17	260	39	<1	<1	7
43.4	39	149	16	250	88	<1	0.833 j	10
41	38	134	15	270	39	<1	0.644 j	9
42.1	39	135	15	250	17	<1	0.517 j	8
44	38	NA	15	280	NA	<1	0.575 j	10
41.9	38	143	16	270	3.532 j	<1	0.561 j	NA
41.5	39	NA	16	278	NA	<1	0.468 j	10
40.5	38	148	17	293	3.175 j	<1	0.535 j	NA
52.6	21	1890	87	320	16	<1	<1	68
58.5	21	1930	86	310	142	<1	<1	69
61.1 M4	23	1870	89	320	324	<1	1.73	65
49.4 B1	22	1990	78	290	192	<1	1.15	70
54.9	23	1910	70	300	162	<1	1.28	67
48.5	21	<5	68	300	<5	<1	2.41	<5
58.4	25	2000	64	300	226	<1	1.84	69
47	24	1690	65	320	114	<1	4.74	55
48.8	25	1690	70	300	193	<1	4.92	58
49	24	1690	66	270	118	0.458 j	5.23	56
42.2	24	1640	65	260	83	**2.46**	4.39	57
44.7	25	1620	61	300	14	0.393 j	4.93	58
49.1	25	1770	60	320	42	<1	5.86	NA
47.4	26	1680	59	368	15	<1	6.19	NA
131	63	1840	98	**610**	137	<1	<1	52
142	61	1890	98	**600**	105	<1	<1	51
135 M4	67	1850	100	**620**	149	<1	1	59
119 B1	64	1840	97	**600**	87	<1	<1	55
129	65	1870	95	**600**	174	<1	1.74 M4	68
135	61	1860	94	**590**	88	<1	1.24	56
131	65	1860	92	**600**	99	<1	2.3	65
129	63	1810	95	**610**	79	<1	2.82	59
132	66	1780	100	**590**	73	<1	3.5	69
129	65	1790	97	**580**	123	0.336 j	2.9	64
136	63	1700	94	**570**	38	<1	4.04	65
132	66	1800	100	**560**	15	<1	2.54	65
102	35	279	74	**550**	131	<1	<1	70
96.7	37	281	71	**510**	142	<1	<1	75
89.4 M4	40	278	73	**540**	80	<1	1.95	71
91.6	44	260	73	**520**	79	<1	1.64	60
88.6	40	255	64	500	27	<1	2.13	60
88.7 B2	38	261	61	500	39	<1	2.42	62
85.3	42	255	61	500	16	<1	4.42	61
79.1	40	244	63	500	58	<1	6.02	59
83.9	42	257	66	**510**	59	<1	6.89	62
81.2	41	243	64	**510**	69	<1	6.67	61

85.8	39	262	67	**510**	33	<1	5.54	65
87.8	39	264	69	**510**	14	<1	3.13	65
87.6	39	267	68	**520**	25	<1	2.54	NA
89.4	37	263	61	**563**	21	<1	2.47	NA
104 M4	18	237	200	**530**	22	<1	<1	16
105	19	253	210	**550**	38	<1	<1	20
110	19	268	210	**550**	41	<1	1.96	31
104 B2	19	259	220	**560**	34	<1	2.08	33
119	19	303	230	**660**	32	<1	1.7	28
128	20	270	250	**590**	71	<1	1.21	22
123	20	303	**260**	**620**	54	<1	1.58	26
132	21	307	**280**	**630**	12	<1	1.07	21
137	20	331	**280**	**670**	11	<1	1.32	NA
133	19	320	230	**713**	8.457999 j	<1	1.6	NA
39.2	25	277	32	300	67	<1	<1	61
40.1	26	278	42	330	82	<1	<1	61
38.1	29	273	50	320	662	<1	1.15	53
35.9	28	250	59	350	118	<1	2.14	40
37.6	27	268	63	400	330	<1	3.31	35
38.1	28	279	65	360	166	0.563 j	3.28	39
36.5	28	323	67	380	202	0.566 j	4.05	37
37.6	29	358	73	410	32	<1	4.03	35
37.3	28	403	77	490	22	<1	4.08	NA
37.6	30	459	84	**558**	11	<1	4.15	NA
58.3	17	137	22	280	37	<1	<1	28
59	17	147	19	300	22	<1	<1	34
56.5	16	171	19	320	107	<1	1.71	58
55.4	15	148	16	300	110	<1	1.36	45
59.3	13	160	14	290	84	<1	1.76	47
60.2	13	157	13	260	115	<1	1.71	52
55.6	11	142	11	270	17	<1	1.18	34
56.6	11	141	11	260	12	<1	0.859 j	29
58.9 M4	11	NA	12	300	NA	<1	0.744 j	35
56.2	11	160	12	300	8.409 j	<1	1.44	NA
57.9	11	NA	12	284	NA	<1	0.471 j	39
57.4	12	165	13	349	15	<1	0.413 j	NA
112	37	287	77	**510**	52	<1	<1	18
105	31	288	64	480	37	<1	<1	15
99.4	30	289	65	460	132	<1	1.34	14
96.1	30	271	60	470	39	<1	1.22	13
104	32	304	63	470	33	<1	1.7	14
105	31	305	61	450	38	<1	1.49	15
97.2	32	298	62	450	25	<1	1.21	13
98.8	32	294	63	470	7	<1	1.17	12
109	32	NA	64	**510**	NA	<1	0.927 j	13

111	32	303	63	**510**	7.466 j	<1	0.912 j	NA
107	32	NA	62	489	NA	<1	0.93 j	13
110	33	301	66	**582**	7.061 j	<1	0.875 j	NA
80.7	21	299	27	390	215	<1	<1	42
82.6 B2	23	316	30	390	72	<1	<1	51
81.6	27	309	35	410	229	<1	<1	41
84.2 B3	24	295	34	420	170	<1	<1	39
83.9	27	321	35	400	188	<1	<1	47
80.9	26	323	35	380	174	<1	<1	52
82.4	28	326	34	370	38	<1	<1	41
82.9	27	318	34	400	8	<1	<1	43
84.5	28	341	36	410	6.657 j	<1	<1	NA
86.6	28	337	38	426	2.969 j	<1	<1	NA
127	15	578	**310**	**660**	68	<1	<1	29
130 B1	12	602	**410**	**620**	16	<1	1.08	29
126	14	605	**320**	**650**	112	<1	1.33	31
115 B3	16	548	**310**	**640**	44	<1	1.79	29
124	19	620	**370**	**670**	71	<1	2.83	35
127	15	635	**330**	**670**	27	<1	2.02	27
130	12	640	**330**	**690**	18	<1	1.78	27
135	17	638	**380**	**660**	13	<1	2.74	30
133	16	NA	**370**	**690**	NA	<1	3.39	35
126	14	640	**320**	**690**	42	<1	3.62	NA
131	19	NA	**360**	**748**	NA	<1	4.53	37
126	15	635	**340**	**733**	11	<1	3.99	NA
35.6	68	376	210	**510**	100	<1	1.3	29
12.3	42	590	71	430	185	<1	2.34	55
85	23	516	69	380	173	<1	<1	50
54.6 B2,,B3	27	283	97	380	<400	<1	1	28
32.4	26	663	68	340	1830 M1	<1	1.55	73
2.99	28	1240	72	**620**	56	<1	0.474 j	137
56.3	29	3550	43	**1200**	635	<1	0.722 j	327
120	31	5280	29	**1400**	675	<1	0.48 j	543
118	29	NA	27	**1500**	NA	<1	0.449 j	558
204	33	7830	19	**1900**	1860	0.859 j	0.436 j	NA
212	32	NA	12	**2040**	NA	**1.14**	0.502 j	**881**
268 M4	31	8770	9.8	**2150**	1480	**1.22**	0.434 j	NA
169	36	594	**480**	**1000**	217	<1	<1	57
174	34	628	**590**	**1140**	10	<1	0.651 j	64
186	35	666	**500**	**1140**	6.51 j	<1	0.653 j	66
196	33	673	**510**	**1290**	5.307 j	<1	0.964 j	70
161	40	671	**690**	**1200**	36	<1	<1	77
160	36	662	**800**	**1240**	84	<1	<1	72
160 M4	36	695	**700**	**1240**	17	<1	<1	74
170	32	694	**670**	**1400**	10	<1	<1	74

104	21	378	240	**630**	316	<1	<1	34
91.9	20	347	220	**570**	15	<1	0.433 j	26
87.1	20	333	180	**547**	7.302 j	<1	0.496 j	24
83.2	20	325	160	**638**	6.199 j	<1	0.62 j	24
200	39	901	**700**	**1400**	50	<1	<1	75
201	37	873	**700**	**1410**	272	<1	<1	70
206	37	907	**690**	**1440**	149	<1	<1	71
208	32	899	**660**	**1570**	29	<1	<1	68
169	27	1360	**640**	**1400**	345	<1	<1	87
169	27	1370	**830**	**1320**	138	<1	<1	85
170	28	1380	**650**	**1350**	117	<1	<1	96
172	27	1380	**660**	**1470**	7.986 j	<1	<1	97
257	32	894	**940**	210	127	<1	<1	28
271	30	855	**950**	**1690**	9.249 j	<1	0.336 j	21
252	28	853	**900**	**1730**	14	<1	<1	20
254 M4	26	814	**880**	**1810**	5.75 j	<1	<1	16
249	21	805	**1300**	100	309	<1	<1	38
257	20	786	**1300**	**2000**	19	<1	<1	33
257	19	803	**1200**	**1990**	8.819 j	<1	<1	33
263	20	793	**1100**	**2110**	9.224999 j	<1	<1	33
181	23	624	**490**	200	26	<1	<1	62
122	22	1070	**510**	**684**	38	<1	<1	57
138	21	910	**410**	**707**	72	<1	0.35 j	59
204	19	1760	**290**	**813**	672	<1	1.33	176
83	21	709	**630**	110	55	<1	<1	52
90.1	24	735	**430**	**722**	364	<1	<1	54
91.5	26	784	**380**	**729**	755	<1	<1	57
92.5	24	806	**370**	**824**	95	<1	<1	60
116 M4	21	887	**550**	**1000**	237	<1	<1	83
108 M4	21	898	**570**	**1070**	16	<1	0.391 j	61
109	21	920	**610**	**1120**	16	<1	0.437 j	63
115	21	922	**570**	**1300**	4.88 j	<1	<1	65
45	37	367	30	310	16	0.492 j	0.411 j	27
13.4	35	424	17	363	23	0.783 j	<1	43
385	7.7	15700	10	415	1070	<1	<1	**1640**
14.9	18	103	25	200	60	**5.63**	<1	45
13.5	13	91	24	179	27	**2.77**	<1	40
12.2	14	82	24	168	8.61 j	0.678 j	<1	34
11.2	13	84	28	225	34	0.425 j	<1	32
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
75.4	39.4	390	51	405	<50	<3	<10	3.62
78.5	38	432	48	390	<5	<1	<1	<5

50.7	24	<5	<8	383	<100	<5	<5	64.4
48.9	22	205	72	380	<5	<1	<1	71
63	47	180	71	410	<50	<1	<1	65
60.5	44	190	74	400	<5	<1	<1	70
47.8	17	260	7	267	<50	<0.5	<2	66.1
52	15	250	8.1	250	<5	<1	<1	60
30	19.4	268	7.1	200	<10	<0.5	<0.5	67.8
27.3	18	259	6.5	200	<5	<1	<1	69
59.7	44.2	255	29.2	366	<10	<0.5	<0.5	51
57.8	40	251	27	360	<5	<1	<1	55
13	16.6	167	3.9	150	<10	<0.5	<0.1	42.4
29.5	10.1	119	10.1	179	<10	<0.5	<0.1	10.8
19.9	9.8	101	25	199	70.8	<0.5	0.22	15.7
65.4	17.1	176	5.6	284	<10	<0.5	0.12	55.5
12.8	8.3	163	<2	129	<10	<0.5	<0.1	58.5
<0.4	**335**	936	<2	**999**	<100	<5	<5	300
147	**320**	1020	17	**1000**	8	<1	<1	330
120	180	570	26	**644 J3**	<50	<10	<2	160
120	170	520	22	**624**	<50	NA	<2	140
120	220	720	18	**800**	<500	<2	<5	230
20.1	8.3	135	8.2	206	<10	<0.5	<0.1	58.9
59.3	14.5	180	31.3	332	<10	<0.5	<0.1	4
17.2	11.8	214	4.7	152	<10	<0.5	<0.1	57
9.69	9.1	109	<2	116	<10	<0.5	<0.1	29.7
14.3	12.3	110	3.4	160	<10	<0.5	<0.1	28.9
21.5	12.4	248	6.9	160	<10	<0.5	<0.1	110
7.54	10.7	83.6	4.6	117	<10	<0.5	<0.1	17.8
27.6	22.5	226	7.3	224	<10	<0.5	<0.1	59.1
27.8	36.2	149	9.5	209	<10	<0.5	<0.1	43.6
66.6	30.3	<5	27	369	155	<5	<5	<3
61.5	29	277	25	360	193	<1	<1	128
58	25	220	29	358	190	NA	<2	150
52.8	13.1	183	41.5	295	<10	<0.5	1	26.7
35.7	7.8	77.9	23.7	228	<10	<0.5	0.4	71.2
13.5	11.8	93.3	31.3	171	<10	<0.5	<0.1	4.5
16.1	11.4	139	13.7	191	<10	<0.5	<0.1	51.1
16.1	11.5	96.7	2.2	152	<10	<0.5	<0.1	36.7
43.1	2.4	118	5.4	205	<10	<0.5	0.15	19.8
43.8	31.2	236	31.1	326	<10	<0.5	<0.5	125
41.6	29	231	29	340	14	<1	<1	127
84.2	26.7	326	71.8	463	<10	<0.5	<0.5	67.1
80.5	24	325	73	470	229	<1	<1	69
14.7	8.4	166	2.6	138	<10	<0.5	<0.5	30.9
14.8	8.2	165	1.5	130	6	<1	<1	33
74	31	244	52.3	382	<10	<0.5	<0.5	48.6

73.1	29	249	51	390	<5	<1	<1	53
50.7	44.5	190	47.1	456	12.7	<0.5	<0.5	59
46.1	39	188	46	460	15	<1	<1	60
<0.04	7.8	121	<2	<25	<10	<0.5	<0.5	18.7
14.3	7.2	124	19	170	19	<1	<1	19
96.3	28.5	274	8.4	241	<10	<0.5	<0.1	75
22	11.4	114	10.8	165	<10	<0.5	<0.1	8.9
119	189	614	28	**891**	<10	<0.5	0.13	136
80.6	50	358	23.6	474	84.5	<0.5	0.11	147
6.9	3.4	68.4	1.4	107	33.7	<0.5	0.11	25.5

ECTED 40CFR257 APPENDIX III CONSTITUENTS plus Sr								
203	6.9	1540	**1100**	**829**	8760	0.419 j	1.07	NA
496	70	10200	**2200**	**3700**	102	<1	**948**	50
82	13	236	110	450	9	<1	<1	14
40.6	18	450	19	320	852	<1	<1	93
45.8	20	453	17	356	270	<1	<1	92
45.4	19	433	18	391	50	<1	<1	90
60.8	110	758	110	**550**	131	**1.55**	7.69	81
129	15	NA	**360**	**850**	NA	<1	<1	<5
213	30	NA	**680**	**1300**	NA	<1	<1	28
202	29	NA	**680**	**1300**	NA	<1	<1	27
59.7 B2	19	NA	220	500	NA	<1	<1	99
269	27	NA	**1200**	**1900**	NA	<1	<1	35
215	160	NA	**600**	**1500**	NA	<1	<1	59
198	130	NA	**550**	**1400**	NA	<1	<1	55
182	130	NA	**420**	**1100**	NA	<1	<1	49
846	19	NA	**3800**	**5800**	NA	<1	<1	27
395	31	NA	**2000**	**3000**	NA	<1	<1	24
159	32	NA	**330**	**970**	NA	<1	<1	103
641	**1300**	NA	**350**	**3580**	NA	<1	<1	98
1340	**2900**	NA	**2300**	**7200**	NA	<1	<1	150
1270	**3300**	NA	**1100**	**7500**	NA	<1	<1	144
1340 B2	**2900**	NA	**920**	**8000**	NA	<1	<1	126
1330 B2	**2800**	NA	**1100**	**6100**	NA	<1	0.377 j	117
82.2 B2	76	NA	47	480	NA	<1	**16.3**	285
90.2	78	NA	46	480	NA	<1	**21.6**	309
136	170	NA	43	**720**	NA	<1	<1	60
75.2	17	NA	72	400	NA	<1	<1	45
72.2	17	NA	72	400	NA	<1	<1	41
67	16	NA	42	420	NA	<1	<1	42
67.2 B2	33	NA	51	400	NA	<1	<1	78
63.8	30	NA	49	360	NA	<1	<1	81
42.1	33	NA	43	200	NA	<1	<1	131

41.8 B2	33	NA	42	360	NA	<1	<1	121
NA	52.5	NA	110	449	189	<0.5	<5	209
NA	15	NA	150	390	193	<1	<1	77
NA	12	NA	170	400	194	<1	<1	75
NA	14.9	NA	70	348	<100	<0.5	<5	144
NA	14.9	NA	86.2	352	<100	<0.5	<5	134
NA	13	NA	77	370	22	<1	<1	141
40.6	17	NA	99	400	16	<1	<1	154
45.8	19	309	120	400	8	<1	<1	149
48.6	18	321	130	440	61	<1	<1	147
46.8	17	316	130	440	18	<1	<1	148
46.7	16	319	130	410	<5	<1	<1	148
47.6	16	328	130	400	<5	<1	<1	149
NA	99.6	NA	89.5	**548**	<100	<0.5	<5	172 b
NA	95.5	NA	89.1	**614**	<100	<0.5	<5	165
NA	22	NA	33	170	1410	<1	<1	50
NA	84	NA	85	**590**	108	<1	<1	158
72.2	71	NA	75	**530**	16	<1	<1	146
40.3	46	278	49	360	4220	<1	<1	97
62.3 B1	58	417	66	450	26	<1	<1	134
66.1 B1	67	423	74	**520**	18	<1	<1	131
73.8	66	475	72	**520**	11	<1	<1	148
50.5	48	338	56	370	506	<1	<1	104
26.4 B3	22	202	35	240	1940	<1	<1	70
66.6	61	461	71	500	29	<1	<1	137
67.2 B2	63	430	69	480	53	<1	<1	130
44.5	48	307	52	360	2810	<1	<1	99
32.6	61	290	52	290	545	<1	<1	106
61.7	45	369	48	276	22	<1	<1	NA
NA	25.8	NA	34.7	323 b	<100	<0.5	<5	135
41.9 B2	27	188	38	330	18	<1	<1	123
42.2	28	196	37	320	28	<1	<1	131
NA	14	NA	**640**	**1100**	26	<1	<1	30
0.647	NA	3.5	NA	NA	280	<0.5	<0.5	3.1
0.15	NA	<0.5	NA	NA	67.1	<0.5	<0.5	1.1
0.181	NA	2.2	NA	NA	545	<0.5	<0.5	6.8
0.224	NA	7.7	NA	NA	852	<0.5	0.9	14.3
0.0731	NA	3.9	NA	NA	311	<0.5	0.58	9.4
0.134	NA	1.4	NA	NA	69.8	<0.5	<0.5	1.4
0.0458	NA	<0.5	NA	NA	<10	<0.5	<0.5	<0.3
0.791	NA	4.4	NA	NA	114	<0.5	<0.5	5.1
0.156	NA	1.2	NA	NA	54.3	<0.5	<0.5	3.2
0.0686	NA	0.74	NA	NA	53.2	<0.5	<0.5	1.4
0.192	NA	0.67	NA	NA	51.1	<0.5	<0.5	1.1
<0.01	<0.1	<5	0.53	<25	<5	<1	<1	<5

0.033	<0.1	<5	<0.1	<25	10	<1	<1	<5
1.49	NA	9	NA	NA	2110	<0.5	<0.5	22
0.016	0.14	<5	0.11	<25	<5	<1	<1	<5
0.458	NA	1.4	NA	NA	203	<0.5	<0.5	1.9
0.16	NA	1.7	NA	NA	671	<0.5	<0.5	5.9
1.1	NA	1.6	NA	NA	397	<0.5	<0.5	5.2
0.15	NA	0.61	NA	NA	72.5	<0.5	<0.5	2.7
<0.04	NA	<0.5	NA	NA	19.2	<0.5	<0.5	0.32
0.281	NA	0.75	NA	NA	92.9	<0.5	0.18 j	1.2
0.762	NA	1.7	NA	NA	67.5	<0.5	<0.5	1.5
0.291	NA	0.68	NA	NA	61.5	<0.5	0.26 j	1.8
0.163	NA	0.38 j	NA	NA	20.4	<0.5	0.41 j	0.38
0.0836	NA	0.35 j	NA	NA	26.1	<0.5	<0.5	0.57
0.281	NA	1	NA	NA	70.2	<0.5	<0.5	3.1
0.333	NA	1.5	NA	NA	149	<0.5	0.5	4.2
0.129	NA	0.44 j	NA	NA	31.7	<0.5	0.45 j	0.57
0.473	NA	1.3	NA	NA	111	<0.5	<0.5	1.9
0.245	NA	0.7	NA	NA	54.6	<0.5	<0.5	1.3
0.138	NA	0.93	NA	NA	77.7	<0.5	0.67	1.4
1.32	NA	4.9	NA	NA	373	0.35 j	0.37 j	6.8
0.189	NA	0.64	NA	NA	82.6	<0.5	<0.5	1
4.22	NA	29.7	NA	NA	4980	<0.5	0.31 j	14.4
0.019	<0.1	15	2.4	<25	36	<1	1.29	8
0.014	<0.1	<5	0.19	<25	<5	<1	<1	<5
0.015	<0.1	<5	0.49	<25	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.013	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.01	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.164	<0.1	<5	<0.1	<25	49	<1	<1	<5
0.075	<0.1	<5	3.9	<25	35	<1	<1	<5
0.018	<0.1	<5	<0.1	<25	52	<1	<1	<5
0.03	<0.1	<5	<0.1	<25	8	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.038	<0.1	<5	<0.1	<25	9	<1	<1	<5
NA	<0.1	NA	<0.1	<25	5	<1	<1	<5
0.036	<0.1	<5	<0.1	<25	5	<1	<1	<5
0.379	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.049	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.13	<0.1	<5	<0.1	<25	21	<1	<1	<5
0.018	<0.1	<5	<0.1	<25	<5	<1	<1	<5

0.013	<0.1	<5	<0.1	<25	<5	<1	<1	<5
<0.01	<0.1	<5	0.59	<25	<5	<1	<1	<5
<0.1	<1	<5	<1	<25	<100	<0.5	<0.5	<5
<0.1	<1	<5	<1	<25	<100	<0.5	<0.5	<5
0.016	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.036	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.012	<0.1	<5	<0.1	<25	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.06	<0.1	<5	<0.1	<25	8	<1	<1	<5
0.224	<0.1	<5	0.24	<25	18	<1	<1	<5
0.034	<0.1	<5	<0.1	NA	10	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.012	<0.1	<5	0.19	NA	10	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.02	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.013	<0.1	<5	0.13	NA	<5	<1	<1	<5
0.114	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.054	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.028 B1	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.016	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.013	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.017	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.026	<0.1	<5	3	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.042	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.018	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.022 M4	<0.1	<5	<0.1	NA	7	<1	<1	<5
<0.01 M4	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.015 M4	<0.1	<5	2.2	NA	10	<1	<1	<5
0.021 B	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.032	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.051	<0.1	<5	<0.1	NA	6	<1	<1	<5
0.019	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.033 B	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.078	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.019	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.026	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.018	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.011	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.027	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.016	<0.1	<5	<0.1 M2	NA	6	<1	<1 M4	<5
0.13	<0.1	<5	<0.1	NA	6	<1	<1	<5

0.03	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.012 B2	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.097	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.018	<0.1	<5	0.39	NA	<5	<1	<1	<5
0.022	<0.1	<5	1.6	NA	<5	<1	<1	<5
0.021	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.019	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.022	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.012	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<5	NA	<10	NA	NA	<400	<2	<2	<25
0.037	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.048	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.07	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01 B2	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.014 B3	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.079 B2	<0.1	<5	0.13	NA	<400	<1	<1	<25
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5 B3	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.012	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.012	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.019	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.018	<0.1	<5	<0.1	NA	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	1.825 j	<1	<1	<5
0.005462 j	<0.1	<5	<0.1	NA	3.762 j	<1	<1	<5
<0.01	<0.1	<5	<0.1	NA	2.589 j	<1	<1	<5
0.014	<0.1	<5	0.15	NA	2.346 j	<1	<1	<5
0.02	<0.1	<5	<0.1	NA	1.697 j	<1	<1	<5
0.018	<0.1	<5	<0.1	NA	2.405 j	<1	<1	<5
0.013 B3	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.028	<0.1	<5	<0.1	NA	2.49 j	<1	<1	<5
0.007038 j	<0.1	<5	<0.1	NA	2.334 j	<1	<1	<5
0.016	<0.1	<5	<0.1	NA	3.465 j	<1	<1	<5
0.009654 j,B2	<0.1	<5	<0.1	NA	<5	0.347 j	<1	<5
0.012	<0.1	<5	<0.1	NA	2.052 j	<1	<1	<5
0.004791 j	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.004996 j	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.009925 j	<0.1	<5	<0.1	NA	<5	<1	<1	<5
0.01	<0.1	<5	<0.1	NA	2.681 j	<1	<1	<5
0.02075 j	<0.1	<5	0.17	NA	<10	<1	<1	<5

<0.05	<0.1	<5	<0.1	NA	2.059 j	<1	<1	<5
0.017595 j	<0.1	<5	<0.1	NA	2.696 j	<1	<1	NA
0.009325 j	<0.1	<5	<0.1	NA	2.192 j	<1	<1	NA
0.011644 j	<0.1	<5	<0.1	NA	2.276 j	<1	<1	NA
0.011913 j	<0.1	<5	<0.1	NA	3.825 j	<1	<1	NA
0.013353 j	<0.1	<5	<0.1	NA	17	<1	<1	NA
0.023427 j	<0.1	<5	<0.1	NA	11	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.014	<0.1	NA	<0.1	<25	6	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.017 B1	<0.1 B2	<5	<0.1	<25	<5	<1	<1	<5
NA	0.0615 j,B2	NA	<0.018	<16.7	NA	NA	<0.078	<0.1
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.01	<0.1	NA	<0.1	<25	<5	<1	<1	<5
NA	<0.1	NA	<0.1	<25	NA	NA	<1	<5
0.011	<0.1	<5	<0.1	<25	<5	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
NA	<0.1	NA	<0.1	<25	NA	NA	NA	NA
0.036	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.024 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.014	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.017 B1	<0.1	<5	<0.1	<25	12	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.345	<0.1 B2	NA	0.15	NA	NA	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.023	<0.1	NA	<0.1	NA	NA	<1	<1	<5
1.02	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.035	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.016 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.178 B2	<0.1	NA	<0.1	NA	NA	<1	<1	12
0.013 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.015	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.014 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.017 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.014 B	<0.1	NA	<0.1	NA	NA	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA

0.04	<0.1	<5	<0.1	<25	7	<1	<1	<5
NA	0.037 j	NA	0.032 j	<25	NA	NA	<1	<5
0.011	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.013	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.011	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.03	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.663	<0.1	NA	0.1	NA	NA	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.01	<0.1 B2	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.011	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.014	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.011 B3	<0.1	<5	<0.1	<25	<5	<1	<1	<5
NA	<0.1	NA	<0.1	<25	NA	NA	0.118 j	<5
0.013	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.012	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.013	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.051 B	<0.1	NA	<0.1	NA	NA	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	<5	<0.1	<25	<5	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.013 B	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.027	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.1 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.012 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.011 B2,M4	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01 B1	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01 B2	<0.1	<5	<0.1	<25	<5	<1	<1	<5
NA	<0.1	NA	<0.1	27	NA	NA	<1	<5
<0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.012 B3	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.011	<0.1	NA	<0.1	NA	NA	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA

<2	<0.1	<5	<0.1	<25	<5	<1	<1	<5
NA	<0.1	NA	<0.1	28	NA	NA	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.006286 j	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.041	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.01	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.01	<0.1	<5	<0.1	<25	<5	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.016	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.009554 j	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.011 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	<0.1	<25	NA	NA	<1	<5
<0.01	<0.1	<5	<0.1	<25	<5	<1	<1	<5
<0.01	<0.1	<5	<0.1	<25	<5	<1	<1	<5
0.005967 j	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.013 B2	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.023	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.012	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.012 B1	<0.1	NA	<0.1	NA	NA	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	<0.1	<5	<0.1	<25	<10	<1	<1	<5
NA	<0.1	NA	<0.1	<25	NA	NA	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.017052 j	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.013088 j	<0.1	NA	<0.1	NA	NA	<1	<1	<5
0.008984 j	<0.1	NA	<0.1	NA	NA	<1	<1	<5
<0.05	<0.1	<5	<0.1	<25	<10	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	<0.1	<25	NA	NA	<1	<5
<0.05	<0.1	<5	<0.1	<25	<10	<1	<1	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
51	6.7	NA	63	360	NA	<1	<1	38
52.1	6.2	NA	90	360	NA	<1	<1	37
47.7	6.6	NA	83	360	NA	<1	<1	35
56.6	7.6	NA	39	406	NA	<1	<1	35
NA	47.1	NA	**531**	**1280**	NA	NA	<5	37
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	58	NA	**530**	**1200**	NA	NA	<1	29
NA	57.3	NA	**572**	**1210**	NA	NA	<1	30.9
NA	52.6	NA	**597**	**1280**	NA	NA	<1	30.2
NA	63.5	NA	**449**	**1220**	NA	NA	<1	32
NA	74.5	NA	**346**	**1230**	NA	NA	<5	53.4
NA	4.9	NA	14	160	NA	NA	<1	26
NA	4.5	NA	28	160	NA	NA	<1	42
NA	4.39 B2	NA	25.8	171	NA	NA	0.119 j	41.6
NA	4.5	NA	54.9	196	NA	NA	0.0781 j	67.9
7.54	3.9	87	22 M2	150	54	<1	<1 M4	39
7.89	3.4	86	22	160	31	<1	<1	37
NA	3.75	NA	23.1	167	NA	NA	0.183 j	35.7
5.6	3.2	NA	15	130	NA	<1	<1	30
6.93 B2	3.2	NA	19	170	NA	<1	<1	33
6.27 B2	3.3	73	19	150	29	<1	<1	32
7.84	3.3	NA	21	140	NA	<1	<1	38
6.22	2.6	NA	13	170	NA	<1	<1	30

NA	3.65	NA	28.4	185	NA	NA	<1	49.3
8.86	2.8	NA	21	176	NA	<1	<1	42
NA	16.8	NA	17.6	191	NA	NA	<5	64.3
NA	16	NA	25	210	NA	NA	<1	74
NA	18	NA	25	200	NA	NA	<1	74
NA	37.6	NA	122	**520**	NA	NA	3.1 J	51.4
NA	35	NA	180	**570**	NA	NA	<1	44
155	29	620	**640**	**1200**	331	<1	<1	56
230	25	1300	**1200**	**1800**	25	<1	0.987 j	46
224	22	1250	**1100**	**1700**	8	<1	0.893 j	43
214	20	1220	**1100**	**1700**	6.237 j	<1	0.746 j	NA
374	58	1300	**1000**	**2000**	7	<1	<1	62
391	67	1260	**1100**	**2100**	6	<1	<1	60
419	57	1390	**1200**	**2000**	12	<1	<1	60
160	50	844	**530**	**990**	91	<1	2.11	309
174	54	1010	**670**	**1290**	116	<1	2.21	NA
264	25	1650	**1300**	**1900**	143	<1	<1	41
351	71	1340	**1200**	**2200**	126	<1	<1	48
36.6	8	166	5.1	230	525	<1	<1	12
35.1	8.7	156	13	240	17	<1	<1	10
24.1	11	177	22	220	183	<1	<1	26
54.1	17	190	39	320	7	<1	<1	102
89.8	50	236	37	460	5.821 j	<1	0.446 j	NA
47.6	84	416	30	48	11	<1	<1	329
47.6	92	417	29	410	44	<1	1.12	349
47.6	97	NA	35	420	NA	<1	<1	393
51.3	97	437	33	390	73	<1	<1	402
51.1 B2	97	NA	33	**540**	NA	<1	<1	393
48.7	93	NA	33	380	NA	<1	<1	388
48.4	86	NA	34	370	NA	<1	<1	369
70.4	41	167	15	360	13	<1	<1	33
65.9	44	243	29	420	66	<1	<1	6
53.5	12	NA	25	310	NA	<1	<1	67
50.9	11 B2	NA	26	310	NA	<1	<1	65
89.7	120	214	11	490	10	<1	<1	51
105	130	NA	15	440	NA	<1	0.353 j	98
79 B1	72	220	3.4	420	27	<1	2.42	53
87.9	89	226	1.4	460	13	<1	1.59	37
287	**560**	668	100	**1500**	65	<1	<1	180
387	**860**	1010	230	**2580**	22	<1	0.425 j	181
763	**1800**	2630	**590**	**4810**	24	<1	1.86	102
44.2 M4	9.4	162	9.6	220	<5	<1	<1	<5
51.8	12	184	11	220	<5	<1	<1	<5
49.7	12	169	11	240	<5	<1	<1	<5
54.6	13	188	11	240	28	<1	<1	<5

56.5	13	193	12	230	1.798 j	<1	<1	5
57	14	204	13	313	2.998 j	<1	<1	NA
415	17	1670	**1200**	**2000**	6	<1	<1	32
145	62	1870	98	**600**	102	<1	<1	50
129	63	1800	96	**610**	61	<1	2.86	58
134	65	1780	97	**580**	89	<1	2.9	63
86.1	40	262	67	**510**	68	0.341 j	5.21	66
108	31	308	62	450	25	<1	1.27	14
109	33	308	64	460	7	<1	0.939 j	13
78.7	21	298	27	390	253	<1	<1	43
82.6 B2	23	316	30	380	112	<1	<1	51
81.3	28	321	34	370	25	<1	<1	41
82	28	316	35	390	8	<1	<1	43
134	15	667	**340**	**700**	36	<1	3.53	NA
1.21	<0.1	<5	0.15	<25	66	<1	<1	<5
5.55	22	31	0.38	81	46	<1	<1	15
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

IN(								
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
4*	**2**	**10**	**10**	**1***	**1000**	**300**	**15**	**NE**
1	**1**	**16.1**	**24.1**	**1**	**10**	**1173**	**1**	**NE**
1	**1**	**0.19**	**3.61**	**6.4**	**1**	**4227**	**1**	**NE**

IN(								
Beryllium	**Cadmium**	**Chromium (VI)**	**Chromium**	**Cobalt**	**Copper**	**Iron**	**Lead**	**Lithium**
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	NA	<1	<1	1.02	190	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	NA	<1	<1	<1	211	<1	NA
<1	<1	0.04	<1	<1	<1	55	<1	NA
<1	<1	0.19	<1	<1	<1	39	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	0.22	<1	<1	<1	31	<1	NA
<1	<1	0.063	<1	<1	<1	<10	<1	NA
<1	<1	<0.12 D3	<1	<1	<1	22	<1	NA
<1	<1	0.13	<1	<1	<1	12	<1	NA
<1	<1	0.18	<1	<1	<1	22	<1	NA
<1	<1	0.041	<1	<1	<1	11	<1	NA
<1	<1	<0.025	<1	<1	<1	14	<1	13
<1	<1	0.18	<1	<1	<1	8.247 j	<1	13
<1	0.34 j	0.16	<1	<1	<1	24	<1	15
<1	0.382 j	0.28 M1,R1	<1	<1	<1	6.032 j	<1	18
NA	NA	0.042 M1	<1	<1	NA	3.841 j	NA	20
NA	NA	<0.025	<1	<1	NA	5.57 j	NA	23
<1	<1	NA	<1	<1	<1	**1420**	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	NA	<1	<1	<1	**1570**	<1	NA
<1	<1	<0.03	<1	**1.74**	<1	**1600**	<1	NA
<1	<1	<0.03	<1	**1.12**	<1	**1740**	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	<0.03	<1	<1	<1	**1560**	<1	NA
<1	<1	0.23	<1	<1	<1	**1500**	<1	NA
<1	<1	<0.12 D3	<1	<1	<1	**1670**	<1	NA
<1	<1	0.86	<1	<1	<1	**1580**	<1	NA
<1	<1	<0.025	<1	<1	<1	**1530**	<1	NA

<1	<1	<0.025	<1	<1	<1	**1470**	<1	NA
<1	<1	<0.025	<1	<1	<1	**1620**	<1	5
<1	<1	0.1	<1	<1	0.785 j	**1620**	<1	3.959 j
<1	<1	<0.025	<1	<1	<1	**1560**	<1	4.071 j
<1	<1	<0.025	<1	<1	<1	**1570**	<1	3.699 j
NA	NA	<0.025	<1	<1	NA	**1660**	NA	6
NA	NA	<0.025 M1	<1	<1	NA	**1590**	NA	4.16 j
<1	<1	NA	<1	<1	<1	**543**	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	NA	<1	<1	<1	76	<1	NA
<0.2	<0.08	<0.03	<0.5	<0.5	<1	<50	<0.1	NA
<1	<1	<0.03	<1	<1	<1	**374**	<1	NA
<1	<1	<0.09 D3	<1	<1	<1	**3810**	<1	NA
<1	<1	5.5	<1	**3.1**	<1	**19200**	<1	NA
<1	<1	1.7	<1	<1	<1	**8060**	<1	NA
<1	<1	<0.25 D3,M6	<1	**3.83**	<1	**30200**	<1	NA
<1	<1	3.8	<1	**2.69**	<1	**23600**	<1	NA
<1	<1	<0.025	<1	**1.65**	<1	**23600**	<1	NA
<1	<1	<0.025	<1	<1	<1	**2910**	<1	41
<1	<1	<0.025	<1	0.396 j	<1	**679**	<1	44 B2
<1	<1	<0.025	<1	<1	<1	**718**	<1	26
<1	<1	<0.025	0.426 j	0.423 j	<1	**4710**	<1	47
NA	NA	<0.025	1.01	**1.79**	NA	**33800**	NA	13
NA	NA	<0.025	0.436 j	0.549 j	NA	**3020**	NA	59
<1	<1	NA	1.01	<1	1.71	93	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	NA	5.64	<1	1.24	68	<1	NA
<0.2	<0.08	<0.03	1.9	<0.5	<1	51	<0.1	NA
<1	<1	<0.03	1.41	<1	<1	262	<1	NA
<1	<1	<0.03	1.19	<1	<1	292	<1	NA
<1	<1	0.64	<1	<1	<1	**789**	<1	NA
<1	<1	0.039	<1	<1	<1	12	<1	NA
<1	<1	0.76	<1	<1	<1	**750**	<1	NA
<1	<1	0.04	<1	<1	<1	**646**	<1	NA
<1	<1	<0.025	<1	<1	<1	**606**	<1	NA
<1	<1	<0.025	<1	<1	<1	173	<1	13
<1	<1	0.034	<1	<1	<1	**705**	<1	9 B2
<1	<1	0.052	<1	0.355 j	<1	**666**	<1	5
<1	<1	0.036	<1	<1	<1	**630**	<1	5
NA	NA	<0.025	<1	<1	NA	**666**	NA	12
NA	NA	<0.025	<1	<1	NA	**557**	NA	6
22.8	1.88	NA	3.88	**127**	24.4	**62000**	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	NA	<1	**32.9**	<1	**310000**	<1	NA
8.78	<1	<0.6	1.85	**87.1**	5.26	**146000**	<1	NA

13.7	<1	0.57	1.89	**79.2**	5.46	**17700**	<1	NA
21.9	<1	3.6	4	**112**	10.8	**13600**	<1	NA
17.2	1.17	<0.25 D3	3.36	**121**	17.1	**21300**	<1	NA
14.5	<1	2.7	1.94	**91.2**	12	**56000**	<1	NA
13.4	1.3	<0.025	2.3	**101**	16.6	**17300**	<1	NA
31.7	**4.3**	<0.025 P4,R0	6.5	**289**	103	**4440**	<1	311
26.4	1.67	<0.025 P4,R0	4.6	**108**	37.5	**4750**	0.398 j	148
27.9	1.52	<0.025	3.88	**95.2**	22.2	**13400**	0.543 j	164
16.1	1.3	<0.025	4.98	**97**	23.5	**9320**	0.687 j	167
NA	NA	<0.025	2.36	**44.9**	NA	**5660**	NA	75
NA	NA	<0.025 P4,R0	1.22	**171**	NA	**83900**	NA	201
3.66	<1	NA	1.94	**369**	5.08	**6720**	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
17.3	<1	NA	1.21	**755**	1.82	**20400**	<1	NA
4.36	<1	<0.03	<1	**171**	<1	**8490**	<1	NA
5.35	<1	<0.25 D3	<1	**223**	<1	**7570**	<1	NA
4.25	<1	<0.25 D3	<1	**158**	<1	**5900**	<1	NA
3.91	<1	0.24	<1	**128**	<1	**5540**	<1	NA
4.74	<1	0.22	<1	**177**	<1	**6940**	<1	NA
6.03	<1	<0.025	<1	**261**	<1	**9630**	<1	NA
8.34	<1	<0.025	<1	**275**	<1	**11400**	<1	261
7.34	0.631 j	<0.025	<1	**211**	0.469 j	**7960**	<1	214
3.91	0.468 j	<0.025 M1,R1	<1	**134**	<1	**5790**	<1	158
4.11	0.526 j	<0.025 M1	0.347 j	**164**	<1	**6980**	<1	185
NA	NA	<0.025	0.439 j	**141**	NA	**6510**	NA	176
NA	NA	<0.025 P4,R0	<1	**55.1**	NA	**1880**	NA	89
<1	<1	<0.03	6.16	**1.48**	<1	**565**	<1	NA
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1.01	<1	NA	<1	**2.58**	<1	**27100**	<1	NA
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3.43	<1	<0.03	**15.4**	**3.67**	20.4	**10100**	**22.6**	NA
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<1	<1	<0.12 D3	1.44	**2.12**	<1	**1280**	<1	NA
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<1	<1	<0.03	<1	**11.4**	<1	**568**	<1	NA
<1	<1	0.028	<1	**4.84**	<1	**332**	<1	NA
<1	<1	<0.12 D3	<1	**9.27**	<1	**1490**	<1	NA
<1	<1	<0.12 D3	<1	**7.88**	<1	**1400**	<1	NA
<1	<1	<0.025	<1	**9.21**	1.34	193	<1	NA
<1	<1	<0.025	<1	**14.9**	<1	95	<1	NA
<1	<1	<0.025	<1	**9.67**	<1	25	<1	8
<1	<1	<0.025	<1	**5.61**	1.01	144	<1	4.505 j
<1	<1	<0.025	<1	**7.37**	0.981 j	285	<1	4.515 j
<1	<1	0.06	<1	**5.12**	1.08	89	<1	3.381 j
NA	NA	0.027	0.41 j	**1.86**	NA	25	NA	4.773 j
NA	NA	<0.025	<1	**3.29**	NA	31	NA	8 B2
<1	<1	1.4	2.78	<1	<1	85	<1	NA
<1	<1	<0.03	<1	**3.14**	1.11	**320**	<1	NA
<1	<1	<0.03	<1	**5.81**	<1	80	<1	NA
<1	<1	<0.03	<1	**13.6**	<1	**820**	<1	NA
<1	<1	<0.025	<1	**9.99**	<1	41	<1	NA
<1	<1	<0.075 D3	<1	**7**	2.34	241	<1	NA
<1	<1	0.077	<1	**6.39**	<1	42	<1	NA
<1	<1	<0.025	<1	**3.6**	<1	11	<1	NA
<1	<1	<0.025 P4,R0	<1	**9.23**	<1	87	<1	NA
<1	<1	<0.025	<1	**11**	<1	150	<1	6
<1	<1	<0.025 P4,R0	<1	**4.27**	0.87 j	3.617 j	<1	2.982 j
<1	<1	<0.025	<1	**5.92**	0.93 j	6.862 j	<1	4.152 j
<1	<1	<0.025	<1	**2.69**	0.738 j	11	<1	6
NA	NA	0.025	0.382 j	**2.5**	NA	6.69 j	NA	7
NA	NA	<0.025 P4,R0	<1	**4.98**	NA	18	NA	12 B2
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<1	<1	0.19	<1	<1	<1	35	<1	NA
<1	<1	0.49	2.29	<1	1.6	24	<1	NA
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<1	<1	<0.025	<1	<1	<1	134	<1	NA

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<1	<1	<0.025	<1	<1	<1	56	<1	15
<1	<1	<0.025	0.518 j	<1	<1	90	<1	14
<1	<1	<0.025	<1	<1	<1	63	<1	12
<1	<1	<0.025 M1	<1	<1	<1	42	0.924 j	12
<1	<1	NA	<1	<1	NA	NA	<1	11
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<1	<1	NA	<1	<1	NA	NA	<1	12
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<1	<1	<0.15 D3	2.86	<1	<1	**621**	<1	NA
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<1	<1	0.28	2.22	<1	<1	**363**	<1	NA
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<1	<1	<0.025	4.37	<1	1.37	**523**	<1	NA
<1	<1	<0.025	**10.5**	<1	<1	**517**	<1	NA
<1	<1	<0.025	3.55	<1	1.71	**588**	<1	7
<1	<1	0.029	3.54	<1	0.375 j	**482**	<1	2.071 j
<1	<1	<0.025	0.628 j	<1	0.379 j	**367**	<1	15
<1	<1	0.094	<1	<1	<1	**305**	<1	1.761 j
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NA	NA	<0.025	<1	<1	NA	**368**	NA	2.504 j
<1	<1	<0.03	**15.8**	<1	1.08	**612**	<1	NA
<1	<1	<0.03	7.41	<1	<1	**713**	<1	NA
<1	<1	<0.15 D3	**10.4**	<1	<1	**1170**	<1	NA
<1	<1	<0.5 D3	6.05	<1	<1	**1160**	<1	NA
<1	<1	<0.25 D3	**44.6**	<1	1.67	**1900**	<1	NA
<1	<1	0.68	<1	<1	<1	**1340**	<1	NA
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<1	<1	<0.025	2.63	0.573 j	0.386 j	**2130**	<1	5
<1	<1	<0.025	<1	0.624 j	<1	**2400**	<1	4.642 j
<1	<1	<0.025	<1	0.529 j	<1	**2120**	<1	3.88 j
<1	<1	<0.03	<1	<1	1.86	**424**	<1	NA
<1	<1	<0.03	<1	<1	3.89	**497**	<1	NA
<1	<1	<0.15 D3	<1	**1.24**	1.15	**1000**	<1	NA
<1	<1	0.52	<1	<1	<1	**1140**	<1	NA
<1	<1	<0.12 D3	<1	<1	<1	**1160**	<1	NA
<1	<1	0.57	<1	<1	<1	**1280**	<1	NA
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<1	<1	<0.025	<1	<1	<1	**2050**	<1	<5
<1	<1	<0.025	<1	0.661 j	0.403 j	**2090**	<1	<5

<1	<1	<0.025	0.443 j	0.847 j	0.798 j	**2300**	<1	<5
<1	<1	<0.025	<1	0.627 j	0.345 j	**1620**	<1	<5
NA	NA	<0.025	0.343 j	0.661 j	NA	**1690**	NA	<5
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<1	<1	0.032 M1	<1	<1	<1	104	<1	NA
<1	<1	0.62	<1	<1	<1	**656**	<1	NA
<1	<1	<0.025	<1	<1	<1	**811**	<1	NA
<1	<1	<0.025	<1	<1	<1	**848**	<1	<5
<1	<1	<0.025	2.42	0.381 j	0.717 j	**644**	<1	<5
<1	<1	<0.025	<1	0.458 j	0.59 j	**711**	<1	<5
<1	<1	<0.025	<1	<1	<1	**480 B2**	<1	2.526 j
NA	NA	<0.025	0.687 j	<1	NA	**540**	NA	2.731 j
NA	NA	<0.025	0.538 j	<1	NA	**623**	NA	2.788 j
<1	<1	0.055	2.38	<1	<1	68	<1	NA
<1	<1	0.061	2.08	<1	<1	119	<1	NA
<1	<1	0.03	2.66	<1	1.41	**1010**	<1	NA
<1	<1	<0.025	<1	<1	<1	**381**	<1	NA
<1	<1	<0.025	1.98	<1	<1	**819**	<1	<5
<1	<1	0.033 M1	3.94	<1	0.628 j	**554**	<1	<5
<1	<1	<0.025	0.595 j	<1	0.847 j	**671**	<1	<5
<1	<1	0.035	<1	<1	<1	**514**	<1	<5
NA	NA	<0.025	0.484 j	<1	NA	**545**	NA	13
NA	NA	<0.025 M1	0.362 j	<1	NA	**429**	NA	2.742 j
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<1	<1	0.038	<1	<1	<1	43	<1	NA
<1	<1	<0.025	1.02	<1	<1	293	<1	NA
<1	<1	<0.025	2.51	<1	<1	**425**	<1	NA
<1	<1	<0.025	<1	<1	<1	**483**	<1	<5
<1	<1	<0.025	0.489 j	0.426 j	0.435 j	**545**	<1	<5
<1	<1	<0.025	<1	<1	<1	**380**	<1	<5
<1	<1	<0.025	<1	<1	<1	**331**	<1	<5
<1	<1	NA	<1	<1	NA	NA	<1	<5
NA	NA	0.15	0.364 j	<1	NA	47	NA	4.994 j
<1	<1	NA	<1	<1	NA	NA	<1	<5
NA	NA	0.25	0.607 j	<1	NA	24	NA	3.707 j
<1	<1	0.032	2.16	<1	<1	**828**	<1	NA
<1	<1	0.73	2.64	<1	<1	**1260**	<1	NA
<1	<1	0.43	1.68	<1	1.01	**1650**	<1	NA
<1	<1	<0.025	1.55	<1	<1	**1720**	<1	NA
<1	<1	<0.025	1.78	<1	<1	**2110**	<1	6
<1	<1	<0.025	0.745 j	0.644 j	0.354 j	**2290**	<1	2.981 j
<1	<1	<0.025	<1	0.529 j	0.336 j	**2180**	<1	3.406 j
<1	<1	<0.025	<1	0.511 j	<1	**2080**	<1	2.872 j
<1	<1	NA	0.375 j	0.496 j	NA	NA	<1	2.149 j

NA	NA	<0.025	0.38 j	0.413 j	NA	**2210**	NA	8
<1	<1	NA	0.334 j	0.391 j	NA	NA	<1	3.387 j
NA	NA	<0.025	<1	0.364 j	NA	**2110**	NA	7
<1	<1	<0.025	2.12	<1	<1	220	<1	NA
<1	<1	<0.025	<1	<1	<1	67	<1 B2	NA
<1	<1	<0.025	<1	<1	<1	230	<1	NA
<1	<1	<0.025	<1	<1	<1	160	<1	NA
<1	<1	0.047	<1	<1	1.3	191	<1	10
<1	<1	<0.025	2.73	0.588 j	0.729 j	163	<1	9
<1	<1	<0.025	<1	0.519 j	0.611 j	43	<1	8
<1	<1	<0.025	<1	0.513 j	<1	9.125 j	<1	7
NA	NA	0.18	0.519 j	0.435 j	NA	4.62 j	NA	7
NA	NA	0.39	0.577 j	<1	NA	3.336 j	NA	8
<1	<1	<0.025	3.89	<1	<1	147	<1	NA
<1	<1	0.033	7.48	<1	3.13	180	<1	NA
<1	<1	0.031	2.69	<1	<1	**447**	<1	NA
<1	<1	<0.025	6.68	<1	<1	**380**	<1	NA
<1	<1	<0.025	9.12	<1	<1	**567**	<1	<5
<1	<1	0.037	<1	<1	<1	**421**	<1	3.511 j
<1	<1	0.064	<1	<1	<1	173	<1	4.241 j
<1	<1	0.073	<1	<1	<1	200	<1	<5
<1	<1	NA	0.957 j	<1	NA	NA	<1	<5
NA	NA	<0.025	0.566 j	<1	NA	**417**	NA	2.191 j
<1	<1	NA	0.365 j	<1	NA	NA	<1	<5
NA	NA	<0.025	<1	<1	NA	**461**	NA	1.738 j
<1	<1	1.9	**16.2**	<1	2.08	182	<1	NA
<1	<1	1.4	2	<1	<1	32	<1	NA
<1	<1	0.03	2.21	<1	<1	121	<1	NA
<1	<1	<0.025	2.18	<1	<1	<100	<1	NA
<1	<1	<0.025	**18.7**	<1	3.47	**909**	<1	174
<1	<1	0.052	<1	<1	<1	5.365 j	<1	520
<1	<1	0.15	<1	<1	<1	3.558 j	<1	945
<1	<1	0.23	<1	<1	<1	<10	<1	1120
<1	<1	NA	<1	<1	NA	NA	<1	1170
NA	NA	0.17	<1	<1	NA	17	NA	1460
<1	<1	NA	0.339 j,S1	<1	NA	NA	<1	1440
NA	NA	0.12	0.368 j	<1	NA	3.81 j	NA	1680
<1	<1	<0.025	0.478 j	0.358 j	0.636 j	204	<1	2.961 j
<1	<1	0.07	<1	0.417 j	<1	168	<1	3.589 j
<1	<1	0.073	0.344 j	0.35 j	<1	183	<1	4.664 j
<1	<1	<0.025	<1	<1	<1	257	<1	10
<1	<1	2.9	1.61	<1	0.349 j	24	<1	<5
<1	<1	0.42	0.654 j	<1	0.942 j	82	<1	2.108 j
<1	<1	0.3	0.698 j	<1	0.605 j	15	<1	3.343 j
<1	<1	0.15	0.5 j	<1	0.452 j	8.693999 j	<1	9

<1	<1	0.17	0.97 j	**1.05**	0.945 j	226	<1	3.592 j
<1	<1	0.064	0.339 j	0.528 j	2.08	222	<1	10
<1	<1	0.19	0.412 j	0.434 j	<1	193	<1	10
<1	<1	<0.025	<1	0.336 j	<1	149	<1	15
<1	<1	0.092	0.532 j	0.497 j	0.534 j	33	<1	2.534 j
<1	<1	0.16	0.546 j	0.411 j	4.22	216	<1	4.022 j
<1	<1	0.17 P4,R0	0.614 j	0.362 j	2.39	102	<1	3.582 j
<1	<1	0.048 P4,R0	0.376 j	<1	1.01	23	<1	10
<1	<1	0.1	0.687 j	**1.9**	1.63	**363**	<1	2.447 j
<1	<1	0.17	0.607 j	0.774 j	2.48	127	<1	4.181 j
<1	<1	0.19	0.713 j	0.735 j	2.09	101	<1	3.083 j
<1	<1	0.079	0.418 j	0.387 j	1.74	6.853 j	<1	10
<1	<1	<0.025	0.47 j	0.533 j	1.35	135	<1	4.178 j
<1	<1	<0.025	0.357 j	0.483 j	0.603 j	136	<1	6
<1	<1	0.046	0.488 j	0.367 j	1.07	99	<1	7
<1	<1	<0.025	0.424 j	<1	0.351 j	48	<1	13
<1	<1	<0.025	0.757 j	0.384 j	2.24	**309**	<1	3.925 j
<1	<1	0.041	<1	0.378 j	1.77	26	<1	4.144 j
<1	<1	0.06	0.421 j	0.357 j	1.06	9.898001 j	<1	3.916 j
<1	<1	<0.025	0.349 j	0.344 j	1.41	14	<1	11
<1	<1	0.38	0.775 j	<1	0.424 j	14	<1	21
<1	<1	1.7	1.59	<1	0.423 j	<10	<1	77
<1	<1	0.94	1.03	<1	<1	<10	<1	49
<1	<1	0.59	1.78	<1	0.842 j	52	<1	109
<1	<1	0.29	0.609 j	<1	1.68	36	<1	1.712 j
<1	<1	0.3	1.01	0.434 j	3.34	254	<1	3.909 j
<1	<1	0.3	1.1	0.573 j	4.05	**454**	<1	5
<1	<1	0.18	0.653 j	<1	2.22	68	<1	10
<1	<1	0.14	0.949 j	0.824 j	0.973 j	289	<1	2.77 j
<1	<1	0.061 M1	<1	0.508 j	1.09	13	<1	4.622 j
<1	<1	0.11	0.436 j	0.385 j	1.25	7.64 j	<1	3.871 j
<1	<1	<0.025	<1	<1	1.22	<10	<1	11
<1	<1	0.64	1.68 B2	<1	<1	13	<1	76
<1	<1	1.9	1.87	<1	0.494 j	4.063 j	<1	246
<1	<1	**14.2**	**12.3**	0.359 j	1.42	<10	0.558 j	2370
<1	<1	0.085	0.629 j,B2	0.648 j	0.85 j	45	<1	<5
<1	<1	0.092	0.58 j	0.888 j	1.22	26	<1	3.02 j,B2
<1	<1	0.095	0.4 j	0.587 j	0.841 j	5.31 j	<1	<5
<1	<1	<0.025	0.663 j	0.368 j	1.69	31	<1	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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<1	<1	NA	<5	<1	<5	<10	<1	NA

<2	<0.8	0.11	<5	<5	39.1	<500	1.8	NA
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<0.5	<0.15	<5	2.69	<1	2.27	228	<0.5	NA
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<0.2	<0.08	0.57	6.2	<0.5	10.1	53.8	0.25	NA
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<0.2	<0.08	0.19	<0.5	<0.5	25.4	<50	**40.3**	NA
<1	<1	NA	<5	<1	21	24	14	NA
0.11	<0.08	0.19	0.6	<0.1	276	<50	2.7	NA
<0.1	<0.08	0.099	0.55	<0.1	5.6	<50	0.67	NA
<0.1	<0.08	0.12	<0.5	<0.1	28.2	<50	2	NA
<0.1	<0.08	<0.03	<0.5	<0.1	54	**565**	6	NA
<0.1	<0.08	0.75	1.1	<0.1	139	<50	1.1	NA
<2	<0.8	0.062	<5	<5	<10	<500	<1	NA
<1	<1	NA	<5	**3.74**	5	142	<1	NA
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NA	<0.5	NA	<5	<50	<2	52	<2	NA
<2	<1	NA	<1	**1.9**	<10	**510**	<5	NA
<0.1	<0.08	2.3	2.3	0.11	31.4	<50	0.57	NA
<0.1	<0.08	0.082	<0.5	<0.1	24.6	80	0.78	NA
<0.1	<0.08	0.59	0.52	<0.1	74.1	97.9	1.5	NA
<0.1	<0.08	2	3.8	<0.1	170	232	0.9	NA
<0.1	<0.08	1.5	2.5	<0.1	125	**1400**	0.48	NA
<0.1	<0.08	0.037	<0.5	<0.1	237	**576**	1.8	NA
<0.1	<0.08	2	2.5	<0.1	12.7	<50	0.63	NA
<0.1	<0.08	0.87	1.2	<0.1	24	<50	0.38	NA
<0.1	<0.08	0.078	<0.5	<0.1	101	<50	0.61	NA
<2	<0.8	<0.03	<5	<5	<10	<500	1.7	NA
<1	<1	NA	<5	<1	5	**1260**	1.72	NA
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<0.1	<0.08	0.12	<0.5	<0.1	13.9	<50	0.41	NA
<0.1	<0.08	0.068	<0.5	<0.1	7.9	<50	1.4	NA
<0.1	<0.08	3.7	4	<0.1	5.6	61.4	0.36	NA
<0.1	<0.08	0.3	<0.5	<0.1	4.7	104	0.96	NA
<0.1	<0.08	<0.025	<0.5	<0.1	2	177	<0.1	NA
<0.2	<0.08	1.2	1.7	<0.5	19.5	<50	2.3	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA

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<1	<1	NA	<1	**2.52**	NA	NA	<1	<5
<1	<1	NA	<1	**1.78**	NA	NA	<1	<5
<1	<1	NA	<1	**1.95**	NA	NA	<1	<5
NA	<0.08	NA	3 JB	NA	1.5 JB	<50	<5	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	<5	NA	<5	31	<1	NA
NA	<1	NA	0.616 j	NA	<5	66.2	<1	NA
NA	<1	NA	0.939 j	NA	<5	62.3	<1	NA
NA	<1	NA	0.39 j	NA	<5	6.13 j	<1	NA
NA	0.11	NA	8.2 B	NA	21.6	74	<5	NA
NA	<1	NA	<5	NA	<5	26	<1	NA
NA	<1	NA	<5	NA	6	17	<1	NA
NA	<0.101	NA	<0.5	NA	<1	11.2	<0.065	NA
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<1	<1	NA	0.335 j	<1	NA	NA	<1	3.038 j
<1	<1	NA	0.442 j	<1	NA	NA	<1	1.723 j

NA	<1	NA	0.739 j	NA	0.616 j	61.7	<1	NA
<1	<1	NA	0.343 j	<1	NA	NA	<1	2.868 j
NA	<0.08	NA	2.5 JB	NA	1.3 JB	166 B	<5	NA
NA	<1	NA	<5	NA	<5	**303**	<1	NA
NA	<1	NA	<5	NA	<5	32 B	<1	NA
NA	<0.08	NA	<5	NA	<5	285	<5	NA
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<1	<1	0.19	<1	<1	1.04	**468**	<1	<5
<1	<1	<0.025	<1	0.554 j	<1	**825**	<1	<5
<1	<1	<0.025	<1	0.529 j	<1	**669**	<1	<5
NA	NA	<0.025	<1	0.392 j	NA	**550**	NA	<5
NA	NA	0.03	<1	<1	<1	72	<1	NA
<1	<1	<0.025	<1	<1	<1	133	<1	NA
<1	<1	<0.025 M1,R1	<1	0.65 j	2.91	171	<1	3.891 j
<1	<1	<0.025	<1	**7.5**	<1	**98900**	<1	<5
NA	NA	<0.025 P4,R0	0.455 j	**6.52**	NA	**101000**	NA	3.801 j,B2
NA	NA	<0.075 D3	<1	**12.2**	<1	**482**	<1	NA
<1	<1	NA	<1	**3.55**	7.31	146	<1	NA
<1	<1	NA	<1	<1	1.73	**619**	<1	NA
<1	<1	<0.15 D3	<1	<1	<1	**411**	<1	NA
<1	<1	<0.03	<1	**1.96**	<1	283	<1	NA
<1	<1	<0.03	<1	**5.16**	<1	75	<1	NA
NA	NA	<0.025	<1	**14.7**	NA	**2480**	NA	4.024 j
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<1	<1	NA	1.8	**4.52**	NA	NA	<1	11
<1	<1	NA	<1	**2.6**	NA	NA	<1	10
<1	<1	NA	0.339 j	**1.57**	NA	NA	<1	9
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<1	<1	2.7	2.75	<1	<1	80	<1	NA
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<1	<1	<0.03	<1	<1	<1	**1050**	<1	NA
<1	<1	NA	0.518 j	**3**	NA	NA	<1	24
<1	<1	<0.5 D3	<1	<1	<1	**5240**	<1	NA
<1	<1	0.65	<1	<1	<1	**4460**	<1	NA
<1	<1	<0.025	0.648 j	**3**	0.597 j	**310**	<1	9
<1	<1	<0.025	0.353 j	<1	<1	**2940**	<1	11
<1	<1	<0.025 P4	0.405 j	**1.16**	<1	**7020**	<1	7
<1	<1	<0.03	<1	<1	<1	78	<1	NA
<1	<1	<0.025	<1	<1	<1	76	<1	NA
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<1	<1	<0.025	<1	<1	<1	86	<1	8

<1	<1	<0.025	<1	<1	13.8	84	0.538 j	6
NA	NA	<0.025	<1	<1	NA	69	NA	9
<1	<1	<0.025 P4,R0	<1	**3.82**	0.886 j	3.749 j	<1	2.813 j
<1	<1	<0.03	7.4	<1	<1	**693**	<1	NA
<1	<1	<0.025	4.16	<1	<1	**1830**	<1	NA
<1	<1	<0.025	3.57	0.555 j	0.393 j	**2100**	<1	4.859 j
<1	<1	<0.025	0.581 j	0.805 j	0.853 j	**2340**	<1	<5
<1	<1	<0.025	<1	0.67 j	0.952 j	**2260**	<1	3.646 j
<1	<1	<0.025	<1	0.491 j	<1	**2190**	<1	3.082 j
<1	<1	<0.025	2.18	<1	<1	260	<1	NA
<1	<1	<0.025	<1	<1	<1	108	<1 B2	NA
<1	<1	<0.025	<1	0.481 j	0.542 j	26	<1	7
<1	<1	<0.025	<1	0.664 j	<1	11	<1	8
NA	NA	<0.025	0.532 j	<1	NA	**414**	NA	2.676 j
<1	<1	NA	<1	<1	2.69	45	<1	NA
<1	<1	NA	<1	<1	13.2	**523**	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

ORGANIC PARAMETERS (TOTAL CONCENTRATION)

mg/L	ug/L	ug/L	ug/L	ug/L	mg-N/L	mg-N/L	mg/L
NE	**50**	**1**	**NE**	**100**	**10**	**NE**	**NE**
42.3	**405**	**0.05**	**4.17**	**5.22**	**NE**	**3.4**	**4.69**
31.5	**1198**	**0.05**	**35.2**	**2.11**	**NE**	**0.295**	**9.28**

ORGANIC PARAMETERS (TOTAL CONCENTRATION)

Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate (as N)	Nitrate + Nitrite	Potassium
NA	NA	NA	NA	NA	NA	NA	NA
0.855	5	<0.05	2540	3.99	NA	<0.01	10.5
NA	NA	NA	NA	NA	NA	NA	NA
0.496	8	<0.05	2300	3.74	NA	0.038	12.2
0.442	<5	<0.05	2360	3.65	NA	<0.01	12.6
0.441	<5	<0.05	2230	3.28	NA	<0.01	12.7
NA	NA	NA	NA	NA	NA	NA	NA
0.465	<5	<0.05	2260	3.01	NA	<0.01	12.2
0.466	<5	<0.05	2310	2.98	NA	<0.01	13.1
0.462	<5	<0.05	2140	2.79	NA	<0.01	12.5
0.481	<5	<0.05	2420	2.86	NA	<0.01 M2	12.5
0.437	<5	<0.05	2420	2.36	NA	NA	13
<2	<5	<0.05	2410	2.66	NA	NA	13.8
0.462	<5	<0.05	2180	2.92	NA	<0.1	12.7
0.462	5	<0.05	2040	2.57	NA	0.524	12.3
0.411	3.7 j	<0.05	2320	2.71	NA	0.049	13.2
0.442	3.382 j	<0.05	2160	2.59	NA	<0.1	13.4
0.426	3.752 j	NA	2330	NA	NA	<0.05	12.7
0.409	3.771 j	NA	2320	NA	NA	<0.01	13.1
18.3	**881**	<0.05	2.62	1.18	NA	<0.01	6.5
NA	NA	NA	NA	NA	NA	NA	NA
18	**938**	<0.05	3.01	<1	NA	0.018	6.61
17.4	**945**	<0.05	5.16	<1	NA	<0.01	6.66
16.3	**944**	<0.05	4.16	<1	NA	<0.01	5.78
NA	NA	NA	NA	NA	NA	NA	NA
17.4	**1000**	<0.05	3.02	<1	NA	<0.01	6.5
18.4	**970**	<0.05	2.8	<1	NA	<0.01	6.47
17.7	**1080**	<0.05	2.9	<1	NA	<0.01	6.68
18.1	**966**	<0.05	2.48	<1	NA	<0.01	6.71
18.6	**987**	<0.05	2.17	<1	NA	NA	6.48

17.7	**934**	<0.05	2.52	<1	NA	NA	6.61
18.4	**969**	<0.05	2.22	<1	NA	<0.01	6.68
17.9	**1040**	<0.05	2.57	1.47	NA	0.0047 j	6.67
18.2	**1000**	<0.05	2.46	<1	NA	0.0053 j	6.63
18.2	**1010**	<0.05	2.3	<1	NA	0.0034 j	6.45
17.6	**1000**	NA	2.79	NA	NA	0.0059 j,S1	6.62
17.6	**1000**	NA	3.3	NA	NA	0.0053 j	6.27
7.91	**299**	<0.05	767	2.98	NA	<0.01	10.6
NA	NA	NA	NA	NA	NA	NA	NA
5.53	33	<0.05	901	3.44	NA	<0.01	11.5
5.89	**110**	<0.2	829	2.1	NA	<0.02	11.3
6.41	**106**	<0.05	792	2.21	NA	<0.01	12
9.73	**456**	<0.05	477	<1	NA	<0.01	11.8
13.9	**1410**	<0.05	142	<1	NA	<0.01	10.3
10.9	**1000**	<0.05	339 R1	<1	NA	<0.01	15.8
13.3	**1920**	<0.05	82.5	<1	NA	0.04	10
12.8	**1450**	<0.05 M2	109	<1	NA	NA	11.3
13	**1620**	<0.05	114	<1	NA	NA	17.7
8.5	**483**	<0.05	350	<1	NA	<0.01	27.4
8.02	**294**	<0.05	402	0.825 j	NA	0.0042 j	29.6
8.85	**368**	<0.05	464	1.08	NA	0.0044 j	22.3
11.8 B2	**1010**	<0.05	240	<1	NA	0.005 j	32.8
12.1	**1580**	NA	42.1	NA	NA	0.06 S1	11.5
8.04	**470**	NA	246	NA	NA	0.013	41.1
9.57	**2130**	<0.05	35.1	3.52	NA	<0.01	8.23
NA	NA	NA	NA	NA	NA	NA	NA
0.468	29	<0.05	22.7	1.16	NA	<0.01	16
2.77	**84**	<0.2	13.8	0.99	NA	<0.02	11.8
7.73	**868**	<0.05	18.5	<1	NA	0.048	8.55
7.81	**756**	<0.05	14	<1	NA	<0.01	7.92
12.3	**1510**	<0.05	7.86	<1	NA	<0.01	6.71
4.22	5	<0.05	5.03	<1	NA	<0.01	8.3
10.9	**1450**	<0.05	10.7	<1	NA	0.016	6.83
9.48	**1330**	<0.05	10.6	<1	NA	NA	6.82
10.3	**1350**	<0.05	8.72	<1	NA	NA	6.95
9.15	**1050**	<0.05	6.9	<1	NA	<0.01	7.5
9.81	**1360**	<0.05	10.8	<1	NA	<0.01	6.54
9.49	**1180**	<0.05	7.92	<1	NA	0.0042 j	6.18
10 B2	**1030**	<0.05	9.39	<1	NA	<0.01	6.35
10.3	**1150**	NA	9.13	NA	NA	<0.01	6.62
10.6	**854**	NA	8.88	NA	NA	0.015	5.93
29.2	**5880**	<0.05	<1	**236**	NA	0.024	8.24
NA	NA	NA	NA	NA	NA	NA	NA
72.7	**13800**	<0.05	4.64	31.9	NA	<0.01	29.6
34.3	**6050**	<0.05	<1	**158**	NA	<0.01	20.4

30.6	**3100**	<0.05	<1	**144**	NA	<0.01	17.1
48.6	**6860**	<0.05	<1	**217**	NA	<0.01	14.6
59.6 B2	**7100**	<0.05	<1	**223**	NA	0.026	15.9
41.8	**6440**	<0.05	<1	**203**	NA	NA	15.9 M4
39.6	**6690**	<0.05	<1	**231**	NA	NA	13.6
109	**15900**	<0.05	<1	**607**	NA	0.013	17.5
48	**7410**	<0.05	<1	**264**	NA	0.018	10.2
41.7	**6720**	<0.05	<1	**248**	NA	0.032	10.9
38.5 B2	**5860**	0.029 j	<1	**232**	NA	0.025	13.6
21.6	**3230**	NA	<1	NA	NA	0.03	9.26
48.8	**6280**	NA	0.27 j	NA	NA	0.219	30.9
281	**18800**	<0.05	2.91	**385**	NA	0.014	9.12
NA	NA	NA	NA	NA	NA	NA	NA
248	**30000**	<0.05	<1	**808**	NA	0.011	9.25
269	**14100**	<0.05	<1	**311**	NA	<0.01	11.3
279	**16400**	<0.05	<1	**377**	NA	<0.01	10.2
275 M4	**14700**	<0.05	<1	**321**	NA	<0.01	11.3
269	**13900**	<0.05	<1	**311**	NA	0.014	12.2
264	**17400**	<0.05	<1	**353**	NA	NA	10.9
260	**19700**	<0.05	<1	**449**	NA	NA	10.5
281	**24600**	<0.05	<1	**489**	NA	0.018	10.3
266	**19700**	<0.05	0.189 j	**406**	NA	0.01	10.8
268	**17500**	<0.05	0.204 j	**349**	NA	0.019	10.7
252	**18700**	0.02 j	0.238 j	**358**	NA	0.0068 j	9.91
242	**18300**	NA	0.196 j	NA	NA	0.023 M2	10.5
328	**18300**	NA	0.267 j	NA	NA	0.032	12
25.2	**236**	<0.05	4.44	3.74	NA	<0.01	11.5
25.6	**219**	<0.05	5.41	2.87	NA	<0.01	20.8
20.3	**233**	<0.05	11.3	40.4	NA	<0.01	8.72
23.4	**198**	<0.05	3.2	1.55	NA	<0.01	9.64
23.2	**204**	<0.05	1.97	1.22	NA	<0.01	5.71
22.1	**180**	<0.05	2.06	1.39	NA	0.334	5.64
24.2	29	<0.05	3.15	<1	NA	NA	5.21
14.7	6	<0.05	3.62	1.76	NA	NA	96.5
24	46	<0.05	1.97	<1	NA	<0.01	9.52
23.7	**204**	<0.05	1.69	<1	NA	<0.01	6.38
23.4	19	<0.05	1.62	0.345 j	NA	0.0049 j	5.66
21.4 B2	**163**	0.017 j	1.8	<1	NA	<0.01	5.56
21.8	2.551 j	NA	1.82	NA	NA	<0.01	5.75
21.5	2.712 j	NA	2.04	NA	NA	<0.01	6.77
NA	NA	NA	NA	NA	NA	NA	NA
193	**4710**	<0.05	1220	2.54	NA	<0.01	191
NA	NA	NA	NA	NA	NA	NA	NA
178	**5670**	<0.05	683	1.68	NA	0.011	159
164	**6560**	<0.05	506	<1	NA	<0.01	113

199	**7270**	<0.05	466	1.18	NA	0.015	127
191	**7950**	<0.05	491	3	NA	<0.01	106
85.6	**8290**	<0.05	515	3.72	NA	<0.01	109
215	**9150**	<0.05	532	5.16	NA	<0.01	94.7
208 B2	**9190**	<0.05	577	4.83	NA	0.016	90.3
224	**10100**	<0.05	612	4.06	NA	NA	80
207 B3	**10500**	<0.05	613	4.32	NA	NA	72.6
225	**11800**	<0.05	650	4.9	NA	0.032	74.3
229	**11900**	<0.05	691	5.16	NA	0.014 M2	74.7
227	**12300**	<0.05	774	4.98	NA	0.017	68.4
15	**2450**	<0.05	44	<1	NA	0.034	3.48
NA	NA	NA	NA	NA	NA	NA	NA
14.3	**4930**	<0.05	15	<1	NA	0.014	3.63
14.2	**3610**	<0.05	10.4	<1	NA	<0.01	3.53
14.1	**3010**	<0.05	12.4	<1	NA	0.022	3.58
13.6	**2740**	<0.05	5.67	<1	NA	<0.01 M2	3.4
14.4	**3160**	<0.05	9.54	<1	NA	<0.01	3.51
15.1	**2640**	<0.05	3.97	<1	NA	<0.01	3.34 M2
16.8	**2420**	<0.05	4.29	4.09	NA	0.015	3.99
16.1	**2160**	<0.05	3.56	<1	NA	NA	3.41
16	**1170**	<0.05	2.6	<1	NA	NA	3.32
17.3	**2330**	<0.05	2.9	<1	NA	<0.01	3.38
17	**1860**	<0.05	2.73	<1	NA	0.0099 j	3.48
16.1	**1570**	<0.05	4.9	<1	NA	0.015	3.31
67.3	**716**	<0.05	659	2.17	NA	<0.01	49.4
NA	NA	NA	NA	NA	NA	NA	NA
71	**1580**	<0.05	940	1.61	NA	<0.01	53.2
44.3	**1090**	<0.05	1190	1.3	NA	<0.01	47.6
78	**1110**	<0.05	1200	1.41	NA	<0.01	83.2
86.2	**1140**	<0.05	1170	1.37	NA	0.012	109
84.4	**1260**	<0.05	1340	1.16	NA	<0.01	108
85.3	**1620**	<0.05	1190	1.68	NA	<0.01 M2	109 M2
NA	NA	NA	NA	NA	NA	NA	NA
76.5 B2	**1640**	<0.05	1570	1.5	NA	<0.01	100
100	**1490**	<0.05	2720	2.35	NA	NA	117
88.2	**1820**	<0.05	3540	1.3	NA	NA	127 B3
95.3	**1990**	<0.05	3010	1.79	NA	<0.01	134
90.2	**1730**	<0.05	2450	1.91	NA	<0.01	119
96.7	**1550**	<0.05	2830	1.89	NA	0.0043 j	117
105	**1570**	<0.05	3020	1.46	NA	0.017	124
12.8	**5970**	<0.05	17.7	<1	NA	<0.01	1.9
NA	NA	NA	NA	NA	NA	NA	NA
12.9	**5880**	<0.05	15.8	1.88	NA	0.015	4.79
11.7	**4970**	<0.05	15.3	2.55	NA	<0.01	9.26
12.3	**5690**	<0.05	15.8	2.06	NA	0.014	9.67

12.9	**6640**	<0.05	18.1	1.71	NA	<0.01	3.72
11.6	**5710**	<0.05	17.8	3.87	NA	<0.01	9.14
11.2	**5490**	<0.05	22	6.34	NA	<0.01	14.6 M2
12.2 B2	**5990**	<0.05	23.4	4.44	NA	0.023	9.65
11.2	**5330**	<0.05	29.8	6.96	NA	NA	12.1
14.2	**5340**	<0.05	18.8	2.58	NA	NA	5.5 B3
13.2	**5810**	<0.05	23.7	4.52	NA	0.014	13.6
14.5	**6290**	<0.05	16.7	3.35	NA	0.021	7.69
14.9	**6380**	<0.05	12.1	0.939 j	NA	0.033	4.9
16.1	**6630**	<0.05	10	0.917 j	NA	0.038	4.61
17.4	**6430**	NA	9.12	NA	NA	0.063	4.19
17.9	**7740**	NA	9.31	NA	NA	0.058	4.72
31.2	**869**	<0.05	484	<1	NA	<0.01	15
NA	NA	NA	NA	NA	NA	NA	NA
20.7	**2200**	<0.05	125	<1	NA	0.019	6.36
49.7	**2460**	<0.05	46.4	<1	NA	<0.01	8.17
49.1	**1980**	<0.05	64.7	<1	NA	<0.01	9.73
49.8	**1460**	<0.05	109	<1	NA	<0.01	11.6
48.7	**1120**	<0.05	52	<1	NA	<0.01	11.9
48.7	**1660**	<0.05	19	<1	NA	NA	9.55
46.4	**907**	<0.05	16	<1	NA	NA	12.1
43.2	**647**	<0.05	13.2	<1	NA	<0.01	15.6
45.9	**731**	<0.05	19	<1	NA	<0.01	12.4
45.9	**975**	<0.05	10.5	0.595 j	NA	0.0035 j	11.2
46.6 B2	**1060**	<0.05	4.29	<1	NA	<0.01	11.7
47.1	**1460**	NA	1.82	NA	NA	0.027	9.37
47.9	**1320**	NA	0.678 j	NA	NA	0.01	10.7
20.8	**2000**	<0.05	2.68	3.04	NA	<0.01	5.56
NA	NA	NA	NA	NA	NA	NA	NA
44.5	**2630**	<0.05	4.84	4.68	NA	<0.01	8.61
18.5	**2080**	<0.05	3.42	2.92	NA	<0.01	5.2
19.9	**1710**	<0.05	3.18	3.33	NA	0.925	6.08
NA	NA	NA	NA	NA	NA	NA	NA
19.1	**839**	<0.05	2.62	2.54	NA	0.02	5.63
19.2	**958**	<0.05	4.33	2.48	NA	<0.01	5.72
20.7	**863**	<0.05	2.71	2.9	NA	<0.01	5.61
19.4	**930**	<0.05	2.11	2.64	NA	<0.01	5.75
20.3	**896**	<0.05	2.15	2.43	NA	NA	5.56
21.4	**632**	<0.05	2.34	2.41	NA	NA	5.62
21	**742**	<0.05	2.14	2.24	NA	<0.01	5.97
20.7	**804**	<0.05	2.15	2.31	NA	<0.01	5.65
20.2	**717**	<0.05	2.06	1.95	NA	<0.01	5.43
21.4 B2	**746**	<0.05	1.95	2.11	NA	<0.01	5.66
22.2	**590**	NA	2.06	NA	NA	<0.01	5.4
22.6	**662**	NA	1.54	NA	NA	0.0034 j	5.3

3.86	**156**	<0.05	1100	2.04	NA	0.118	7.59
NA	NA	NA	NA	NA	NA	NA	NA
3.34	6	<0.05	1130	1.46	NA	<0.01	12.5
4.56	9	<0.05	1460	1.46	NA	<0.01	17.6
5.04	10	<0.05	1470	1.27	NA	<0.01 M2	17.9
5.34	11	<0.05	1610	1.63	NA	<0.01	21
5.2	12	<0.05	1690	1.33	NA	<0.01	23.2
5.16	11	<0.05	1700	1.2	NA	NA	26
5.08	14	<0.05	1610	1.39	NA	NA	29.5
32.8	**449**	<0.05	1.53	<1	NA	<0.01	3.97
NA	NA	NA	NA	NA	NA	NA	NA
32.3	**455**	<0.05	<1	<1	NA	<0.01	4.19
31.3	**437**	<0.05	<1	<1	NA	<0.01	3.73
30.2	**432**	<0.05	<1	<1	NA	<0.01	4.12
29.3 M4	**502**	<0.05	1.87	<1	NA	<0.01	4.01
30.7	**483**	<0.05	1.63	<1	NA	<0.01	4.09
32	**535**	<0.05	1.65	<1	NA	<0.01	4.13
32.1 B2	**531**	<0.05	1.66	<1	NA	<0.01	4.22
30.7	**472**	<0.05	1.2	<1	NA	NA	4.03
31.2	**437**	<0.05	1.5	<1	NA	NA	4.11
30.6	**507**	<0.05	1.43	<1	NA	<0.01	4.36
30.6	**485**	<0.05	1.18	<1	NA	0.0076 j	4.05
29.7	**476**	<0.05	1.14	0.507 j	NA	<0.01	4.04
30	**458**	<0.05	1.08	<1	NA	<0.01	4.18
30.1	**564**	NA	1	NA	NA	<0.01	4.24
29.7	**562**	NA	1.13	NA	NA	0.004 j	4.52
16.1	**57**	<0.05	6.62	<1	NA	<0.01	1.74
15.7	**55**	<0.05	5.97	<1	NA	<0.01	1.63
15.1	**61**	<0.05	5.56	<1	NA	<0.01	1.31
16.3	**64**	<0.05	5.63	<1	NA	<0.01	1.25
16	**72**	<0.05	7.24	<1	NA	<0.01	1.62
15.2	**71**	<0.05	7.9	<1	NA	<0.01	1.37
13.6	**51**	<0.05	10	<1	NA	NA	1.82
13.5	**57**	<0.05	12.4	<1	NA	NA	1.61
14.3	**56**	<0.05	10.9	<1	NA	<0.01	2.31
19.2	**67**	<0.05	3.88	<1	NA	<0.01	1.14
18.1	**66**	<0.05	3.9	<1	NA	<0.01	1.39
17	**67**	<0.05	4.4	<1	NA	<0.01	1.65
16.9	**62**	NA	4.55	NA	NA	<0.01	1.97
16.1	**59**	NA	4.51	NA	NA	<0.01	2.13
13.4	**64**	<0.05	2.52	<1	NA	<0.01	1.02
13.8	50	<0.05	1.47	0.78 j	NA	<0.01	0.896
14.6	**67**	<0.05	1.27	1.73	NA	0.01	1.09
NA	27.2	<0.2	NA	<5	NA	NA	NA
NA	18.5	<0.2	NA	17.4	NA	NA	NA

NA	25.8 b	<0.2	NA	45.5 b	NA	NA	NA
NA	7.8	<0.2	NA	12	NA	NA	NA
NA	6.5	<0.2	NA	<5	NA	NA	NA
NA	18.7	<0.2	NA	<5	NA	NA	NA
NA	11.1	<0.2	NA	6.2	NA	NA	NA
NA	5	<0.05	NA	<5	NA	NA	NA
NA	9	<0.05	NA	6	NA	NA	NA
NA	11	<0.05	NA	<5	NA	NA	NA
NA	8	<0.05	NA	<5	NA	NA	NA
NA	6	<0.05	NA	<5	NA	NA	NA
NA	9	<0.05	NA	7	NA	NA	NA
25.9	**54**	<0.05	3.04	<5	NA	NA	3.44
25.9	36	<0.05	1.41	<5	2.3	NA	2.36
24.5 M4	21	<0.05	<1	1.96	NA	1.9	1.52
26.2	21	<0.05	1.07	<5	2.4	NA	2.07
25.1	16	<0.2	0.65	1.5	NA	2.5	<5
20.6	17	<0.05	<1	2.96	NA	2.6	1.87
26.1	34	<0.05	<1	5	2.6	2.7	1.65
27.2	9	<0.05	<1	<5	2.5	2.6	1.94
24.9	14	<0.05	<1	1.91	NA	2.6	1.79
25.3	12	<0.05	<1	<5	2.6	NA	1.86
23.4	13	<0.05	<1	2.59	NA	2.3	1.92
NA	NA	NA	NA	NA	NA	NA	NA
25.1 M4	5	<0.05	<1	1.61	NA	2.4	1.81
27 M4	<5	<0.05	<1	1.46	NA	2.5	1.93
25.2 B3	8	<0.05	<1	<5	2.2	NA	1.45
25.2	<5	<0.05	<1	1.89	NA	NA	1.89
25.4	<5	<0.05	<1	<5	2.4	NA	1.74
25.4	<5	<0.05	<1	2.75	NA	NA	1.8
26.6	<5	<0.05	<1	<5	2.4	NA	1.91
26	<5	<0.05	<1	1.6	NA	2.2	1.8
27.5	5	<0.05	0.686 j	1.44	NA	2.5	1.94
29	5	<0.05	<1	<5	2.5	NA	1.9
26.3	1.761 j	<0.05	0.65 j	1.22	NA	2.5	1.83
26 M4	<5	<0.05	<1	<5	2.5	NA	1.79
25.6	<5	<0.05	0.609 j	0.689 j	NA	2.8	1.84
26.9	<5	<0.05	<1	<5	2.6	NA	1.84
26.9	<5	NA	0.507 j	NA	NA	2.6	1.54
27.3	<5	<0.05	<1	<5	2.6	NA	1.57
26.7	<5	<0.05	<1	<5	2.7	NA	1.5
28	1.959 j	NA	0.508 j	NA	NA	3	1.72
26.3	<5	<0.05	<1	<5	2.7	NA	1.43
16.8	**690**	<0.05	16.5	1.86	NA	0.593	5.36
NA	NA	NA	NA	NA	NA	NA	NA
14.4	**614**	<0.05	5.36	1.3	NA	0.089	5.51

14.6	**420**	<0.2	3.2	1	NA	0.34	5.13
13.5	**445**	<0.05	9.26	2.1	NA	0.295	5.09
14.3	**398**	<0.05	7.42	1.45	NA	0.192	5.18
13.8	**473**	<0.05	4.18	1.08	NA	0.229	5.54
14.3	**431**	<0.05	7.38	3.15	NA	0.39	5.23
14.5	**341**	<0.05	5.11	1.34	NA	0.381	5.1
15.3	**369**	<0.05	7.57	1.1	NA	0.43	5.29
15.1	**390**	<0.05	4.79	4.43	NA	0.408	5.49
15.4	**369**	<0.05	3.59	2.34	NA	NA	5.74
15.8	**236**	<0.05	3	3.55	NA	NA	5.41
16.1	**287**	<0.05	2.7	7.62	NA	0.391	5.8
15	**280**	<0.05	2.54	1.55	NA	0.288	6.1
16.6	**263**	<0.05	2.48	0.892 j	NA	0.3	5.48
15.7	**179**	0.02 j	2.41	0.86 j	NA	0.231	5.49
14.3	**111**	NA	1.56	NA	NA	0.04	5.87
17.8	**328**	NA	1.83	NA	NA	0.428	5.89
11.6 M4	**671**	0.06	5.83	12.1	NA	<0.01	125
6.04	**63**	<0.05	4.82	2.81	NA	<0.01	48.4
16.1	**369**	<0.05	60.9	8.93	NA	0.63	130
12.8	**252**	<0.05	71.1	2.31	NA	0.856	120
13.5	**317**	<0.05	44.8	1.02	NA	NA	71.5
11.6	**247**	<0.05	30	<1	NA	NA	63.2
11.8	**215**	<0.05	30.6	<1	NA	0.011	63.8
11.6	**217**	<0.05	25.4	0.806 j	NA	0.011	58.1
12	**240**	<0.05	19.5	0.504 j	NA	0.011	40.8
9.92	**167**	0.028 j	19.2	<1	NA	0.071	53.9
10.1	**145**	NA	16.9	NA	NA	<0.01	40.9
11.5	**164**	NA	17.5	NA	NA	<0.01	36.4
25.2 M4	**82**	<0.05	1.07	3.77	NA	2.6	2.16
24.5	48	<0.05	<1	2.44	NA	2.6	1.79
25 M4	21	<0.05	1	1.39	NA	2.6	2.11
11.8	**167**	<0.05	4.36	4.39	NA	NA	4.26
12.2	**159**	<0.05	4.85	1.56	NA	NA	8
13.1	**172**	<0.05	7.63	2.62	NA	<0.01	7.6
9.51	**64**	0.019 j	15.5	1.77	NA	<0.01	41.8 M4
11.7	**129**	<0.05	7.94	<1	NA	<0.01	12.8
2.06	<5	0.019 j	21.1	0.399 j	NA	<0.01	59.2
10.6	42	NA	11.2	NA	NA	0.02	18.2
4.85	<5	NA	16.9	NA	NA	<0.01	41.3
34.8	NA	<0.05	1.83	NA	NA	NA	8.71
33.5	NA	<0.05	5.58	NA	NA	NA	12.3
31	NA	<0.05	5.48	NA	NA	NA	10.6
34.3	NA	<0.05	9.82	NA	NA	NA	10.7
33.2	NA	<0.05	6.39	NA	NA	NA	9.6
31.9	NA	<0.05	5.96	NA	NA	NA	8.98

35.7	NA	<0.05	4.36	NA	NA	NA	8.9
32.5	NA	<0.05	5.94	NA	NA	NA	9.19
33	NA	<0.05	5.7	NA	NA	NA	9.1
33	NA	<0.05	7.83	NA	NA	NA	9.51
32 M4	NA	<0.05	6.22	NA	NA	NA	9.48
30.6	NA	<0.05	5.31	NA	NA	NA	9.03
34.3	NA	<0.05	5.07	NA	NA	NA	8.83
31.4	NA	<0.2	8.68	NA	NA	NA	9.99
38.6	NA	<0.05	8.81	NA	NA	NA	6.13
46.8	NA	<0.05	3.68	NA	NA	NA	5.83
38.1	NA	<0.05	2.32	NA	NA	NA	5.02
36.6	NA	<0.05	2.52	NA	NA	NA	4.89
35.4	NA	<0.05	2.71	NA	NA	NA	4.63
34.7	NA	<0.05	2.36	NA	NA	NA	4.39
40.4	NA	<0.05	2.36	NA	NA	NA	4.73
38.7	NA	<0.05	2.11	NA	NA	NA	4.47
37	NA	<0.05	2.25	NA	NA	NA	4.19
31.7	NA	<0.05	2.32	NA	NA	NA	4.11
33.3	NA	<0.05	1.86	NA	NA	NA	3.8
34.7	NA	<0.05	1.74	NA	NA	NA	3.91
38.5	NA	<0.05	1.78	NA	NA	NA	3.86
34.3	NA	<0.2	1.81	NA	NA	NA	3.72
20.9	NA	<0.05	4.74	NA	NA	NA	45.8
23.8	NA	<0.05	9.31	NA	NA	NA	50.5
25.9	NA	<0.05	11.1	NA	NA	NA	40.7
26.1	NA	<0.05	16.4	NA	NA	NA	34.2
30.9	NA	<0.05	15.9	NA	NA	NA	20.5
30.2	NA	<0.05	9.7	NA	NA	NA	14.5
32.9	NA	<0.05	7.31	NA	NA	NA	13.6
33.5	NA	<0.05	5.22	NA	NA	NA	11.3
32.2	NA	<0.05 M2	3.04	NA	NA	NA	8.16
31.3	NA	<0.05	3.89	NA	NA	NA	9.27
30.7	NA	<0.05	2.29	NA	NA	NA	7.23
30.1	NA	<0.05	1.78	NA	NA	NA	6.35
31.7	NA	<0.05	1.71	NA	NA	NA	5.79
29.6	NA	<0.05	4.29	NA	NA	NA	7.02
46.1	NA	<0.05	5.22	NA	NA	NA	2.18
47.6	NA	<0.05	3.47	NA	NA	NA	1.98
43.4	NA	<0.05	3.76	NA	NA	NA	2.07
47.5	NA	<0.05	4.39	NA	NA	NA	2.14
44.5	NA	<0.05	5.55	NA	NA	NA	2.09
44.8	NA	<0.05	4.19	NA	NA	NA	1.94
47.7 M4	NA	<0.05	3.5	NA	NA	NA	1.95
44.6	NA	<0.05	2.27	NA	NA	NA	1.77
42.6	NA	<0.05	2.42	NA	NA	NA	1.93

42.8	NA	<0.05	2.2	NA	NA	NA	1.83
42.6	NA	<0.05	2.08	NA	NA	NA	1.7
40.3	NA	<0.05	2.09	NA	NA	NA	1.65
41.5	NA	<0.05	2.18	NA	NA	NA	1.69
40.1	NA	<0.05	2.08	NA	NA	NA	1.6
79.9	NA	<0.05	1.97	NA	NA	NA	3.23
77.7	NA	<0.05	1.66	NA	NA	NA	3.03
72	NA	<0.05	1.97	NA	NA	NA	2.93
72.2	NA	<0.05	2.86	NA	NA	NA	2.57
73.8 M4	NA	<0.05	3.79	NA	NA	NA	3.21
70.7	NA	<0.05	2.2	NA	NA	NA	2.97
76.2	NA	<0.05	2.99	NA	NA	NA	3.13
73.9	NA	<0.05 M2	4.11	NA	NA	NA	3.03
72.5 B2	NA	<0.05	2.68	NA	NA	NA	2.98
71	NA	<0.05 M2	2.38	NA	NA	NA	2.99
71.9	NA	<0.05	2.45	NA	NA	NA	2.94
69.7	NA	<0.05	2.46	NA	NA	NA	2.89
74.2	NA	<0.05	2.87	NA	NA	NA	3.03
73	**258**	<0.2 M	2.58	2.85	NA	<0.01	2.99
73.1	NA	<0.05	2.71	NA	NA	NA	3.07
114	NA	<0.05	2.25	NA	NA	NA	5.91
116	NA	<0.05	<1	NA	NA	NA	5.21
99.3 M4	NA	<0.05	<1	NA	NA	NA	4.89
112	NA	<0.05	1.32	NA	NA	NA	4.75
106	NA	<0.05	<1	NA	NA	NA	5
99	NA	<0.05	<1	NA	NA	NA	4.53
109	NA	<0.05	<1	NA	NA	NA	4.87
103	NA	<0.05	1.06	NA	NA	NA	4.7
101 B2	NA	<0.05	<1	NA	NA	NA	4.61
108	NA	<0.05	<1	NA	NA	NA	4.52
112	NA	<0.05	0.587 j	NA	NA	NA	4.79
109	NA	<0.05	0.661 j	NA	NA	NA	4.74
110	NA	<0.05	0.715 j	NA	NA	NA	4.81
101	NA	<0.05	0.679 j	NA	NA	NA	4.62
142	NA	<0.05	1.99	NA	NA	NA	8.68
141	NA	<0.05	2.26	NA	NA	NA	9.42
130	NA	<0.05	1.72	NA	NA	NA	8.53
143	NA	0.06	3	NA	NA	NA	8.22
139	NA	0.06	2.13	NA	NA	NA	8.67
148	NA	<0.05	1.53	NA	NA	NA	8.3
162 M4	NA	<0.05	1.2	NA	NA	NA	8.18
149	NA	<0.05	1.33	NA	NA	NA	8.13
142 B2	NA	<0.05	2.52	NA	NA	NA	7.76
138	**60**	<0.05	1.82	1.62	NA	0.154	7.82
133	NA	<0.05	2.11	NA	NA	NA	7.66

143	NA	<0.05	1.88	NA	NA	NA	7.46
141	NA	0.11	1.21	NA	NA	NA	7.55
160	NA	<0.05	5.43	NA	NA	NA	8.38
146	NA	<0.05	2.14	NA	NA	NA	7.65
57.2	NA	<0.05	3.89	NA	NA	NA	5.02
53.7	NA	<0.05	2.29	NA	NA	NA	4.25
41.5	NA	<0.05	1.96	NA	NA	NA	3.7
44.2	NA	<0.05	3.23	NA	NA	NA	4.06
51.1	NA	<0.05	2.47	NA	NA	NA	4.46
44.4	NA	<0.05	2.24	NA	NA	NA	3.89
59.9	NA	<0.05	2.05	NA	NA	NA	4.23
43.4	NA	<0.05	2.29	NA	NA	NA	3.64
36.9 B2	NA	<0.05	1.99	NA	NA	NA	3.49
36	NA	<0.05	1.78	NA	NA	NA	3.65
51.2	NA	<0.05	1.79	NA	NA	NA	4.11
42.8	NA	<0.05	1.72	NA	NA	NA	3.83
50.7	NA	<0.05	1.9	NA	NA	NA	4.31
38.6	NA	<0.05	1.76	NA	NA	NA	3.61
73.6	NA	<0.05	2.67	NA	NA	NA	8.26
72.2	NA	<0.05	1.91	NA	NA	NA	8.04
68.9	NA	<0.05	1.63	NA	NA	NA	7.83
68.8	NA	<0.05	2.73	NA	NA	NA	7.22
75.7	NA	<0.05	2	NA	NA	NA	8.67
66.5	NA	<0.05	2.1	NA	NA	NA	7.41
77.9	NA	<0.05	1.81	NA	NA	NA	7.8
68.4	NA	<0.05	1.8	NA	NA	NA	7.23
69 B2	NA	<0.05	1.52	NA	NA	NA	7.48
70.4	NA	<0.05	1.4	NA	NA	NA	7.52
75.3	NA	<0.05	1.38	NA	NA	NA	7.66
80.6	NA	<0.05	1.45	NA	NA	NA	7.68
80.9	NA	<0.05	1.52	NA	NA	NA	7.72
84.1	NA	<0.05	1.32	NA	NA	NA	7.98
24.1	NA	<0.05	<1	NA	NA	NA	3.18
24.8	NA	<0.05	<1	NA	NA	NA	3.17
27.5	NA	<0.05	<1	NA	NA	NA	3.54
33.9	NA	<0.05	6.75	NA	NA	NA	3.78
40.4	NA	<0.05	<1	NA	NA	NA	3.73
35	NA	<0.05	1.66	NA	NA	NA	3.62
40.2	NA	<0.05	<1	NA	NA	NA	3.66
20.3	NA	<0.05	<1	NA	NA	NA	2.95
27.3 B2	NA	<0.05	<1	NA	NA	NA	3.25
40.5	NA	<0.05	<1	NA	NA	NA	3.82
31.8	NA	<0.05	0.419 j	NA	NA	NA	3.26
43.7	3.717 j	<0.05	0.451 j	1.17	NA	0.365	3.7
42.1	NA	<0.05	0.359 j	NA	NA	NA	3.54

34.3	NA	<0.05	0.293 j	NA	NA	NA	3.36
33.6	NA	<0.05	0.414 j	NA	NA	NA	3.56
134	NA	<0.05	77.2	NA	NA	NA	6.92
149	NA	<0.05	148	NA	NA	NA	7.64
140	NA	<0.05	177	NA	NA	NA	7.36
145	NA	<0.05	166	NA	NA	NA	7.14
141	NA	<0.05	164	NA	NA	NA	7.19
161	NA	0.08	126	NA	NA	NA	7.18
197	NA	<0.05	193	NA	NA	NA	8.12
181 M4	NA	<0.05	201	NA	NA	NA	7.98
176 B2	NA	<0.05	208	NA	NA	NA	7.47
148	NA	<0.05	181	NA	NA	NA	7.13
180	NA	<0.05	192	NA	NA	NA	7.64
181	**74**	0.019 j	231	5.72	NA	1.5	7.43
182	NA	<0.05	258	NA	NA	NA	7.71
177	NA	<0.05	259	NA	NA	NA	7.5
171	NA	0.039 j	221	NA	NA	NA	7.45
118	NA	<0.05	4.87	NA	NA	NA	9.94
97	NA	<0.05	3	NA	NA	NA	9.07
88.4	NA	<0.05	2.19	NA	NA	NA	8.46
87.4	NA	<0.05	12.3	NA	NA	NA	8.44
91.2	NA	<0.05	2.54	NA	NA	NA	8.63
94.3	NA	<0.05	2.08	NA	NA	NA	8.82
110 M4	NA	<0.05	2.13	NA	NA	NA	8.9
93.4	NA	<0.05	3.86	NA	NA	NA	8.83
103 B2	NA	<0.05	1.92	NA	NA	NA	9.09
104 M4	NA	<0.05	1.78	NA	NA	NA	8.66
111	NA	<0.05	2.19	NA	NA	NA	9.18
119	NA	<0.05	2.13	NA	NA	NA	9.55
134	NA	<0.05	5.67	NA	NA	NA	10
123	NA	<0.05	2.02	NA	NA	NA	9.78
127	NA	<0.05	3020 M4	NA	NA	NA	43.2
120	NA	<0.05	3140	NA	NA	NA	37.6
118	NA	<0.05	2690	NA	NA	NA	32
126	NA	<0.05	2410	NA	NA	NA	28.8
110	NA	<0.05	1900	NA	NA	NA	21.9
115	NA	<0.05	2070	NA	NA	NA	26.1
116	NA	<0.05	1790	NA	NA	NA	29.5
117	NA	<0.05	2230	NA	NA	NA	32.3
111	NA	0.06	1800 M4	NA	NA	NA	24.9
58.2	NA	<0.05	426	NA	NA	NA	9.93
110	NA	0.029 j	1990	NA	NA	NA	24.7
106	NA	0.018 j	2990	NA	NA	NA	32.5
93.1	NA	<0.05	2920	NA	NA	NA	34.1
NA	NA	NA	NA	NA	NA	NA	NA

113	NA	<0.05	2270	NA	NA	NA	34.7
106 M4	NA	<0.05	7.17	NA	NA	NA	6.18
100	NA	0.07	1.85	NA	NA	NA	6.34
92.4 M4	NA	0.56	1.54	NA	NA	NA	5.87
84.1	NA	0.34	7.63	NA	NA	NA	5.53
86.5	NA	0.27	2.69	NA	NA	NA	5.78
84	NA	0.18	3.84	NA	NA	NA	5.81
96.2	NA	0.24	2.77	NA	NA	NA	5.73
95.9	NA	0.35	1.57	NA	NA	NA	5.63
95 M4	NA	**1.11**	2.15	NA	NA	NA	5.9
82	NA	0.27	1.39	NA	NA	NA	5.6
93.1	NA	0.09	2.27	NA	NA	NA	5.7
111	NA	0.18	1.45	NA	NA	NA	6.6
122	NA	0.15 M2	1.56	NA	NA	NA	7.05
NA	NA	NA	NA	NA	NA	NA	NA
124	NA	0.61	2.67	NA	NA	NA	6.81
5.5	NA	<0.05	<1	NA	NA	NA	2.98
6.55	NA	<0.05	4.35	NA	NA	NA	5.17
6.9	NA	<0.05	4.5	NA	NA	NA	5.73
6.31	NA	<0.05	38.8	NA	NA	NA	4.88
6.57	NA	<0.05	15	NA	NA	NA	4.28
6.18	NA	<0.05	10	NA	NA	NA	3.84
6.33 B4	NA	<0.05	8.91	NA	NA	NA	3.89
6.35	NA	<0.05	12.3	NA	NA	NA	4.46
6.24	NA	<0.05	7.73	NA	NA	NA	4.64
6.28	NA	<0.05	8.63	NA	NA	NA	4.03
6.05	NA	<0.05	7.45	NA	NA	NA	3.8
5.86	NA	<0.05	6.69	NA	NA	NA	4.06
5.88	NA	<0.05	6.56	NA	NA	NA	3.71
6.04	NA	<0.05	8.19	NA	NA	NA	4.32
5.68	47	<0.05	6.85	<1	NA	1.6 M2	4.5
41 M4	**69**	<0.05	3.02	0.553 j	NA	0.05	3.32
44	NA	<0.05	1.51	NA	NA	NA	3.15
41.4 B2	44	<0.05	1.28	0.49 j	NA	0.026	2.74
43	NA	<0.05	2.57	NA	NA	NA	8.89
43.6	25	<0.05	1.61	<1	NA	0.061	5.8
42.7 M4	23	NA	2.36	NA	NA	0.018 S1	20.7
43	NA	<0.05	1.56	NA	NA	NA	15
43.5	17	NA	1.83	NA	NA	0.024	22.3
39	**97**	<0.05	0.842 j	2	NA	0.731	2.43
39.4	NA	<0.05	0.576 j	NA	NA	NA	1.89
33.6	20	<0.05	0.788 j	1.81	NA	1.3	1.72
40.4	NA	<0.05	0.446 j	NA	NA	NA	1.56
41.2	13	<0.05	0.403 j	0.744 j	NA	0.895	1.57
42.6	12	NA	0.351 j	NA	NA	0.9	1.61

39	NA	<0.05	0.354 j	NA	NA	NA	1.45
39.4	2.648 j	NA	0.401 j	NA	NA	1.1	1.45
39.7	NA	<0.05	1.9	NA	NA	NA	7.58
40.9	NA	<0.05	2.62	NA	NA	NA	8.22
38	NA	<0.05	1.76	NA	NA	NA	6.95
36.3	NA	<0.05	2.6	NA	NA	NA	6.75
38.8	NA	<0.05	2.5	NA	NA	NA	6.65
37.5	NA	<0.05	1.68	NA	NA	NA	6.42
40 B4	NA	<0.05	1.78	NA	NA	NA	6.08
36.6	NA	<0.05	1.42	NA	NA	NA	6.04
38.9	NA	<0.05	1.44	NA	NA	NA	6.1
36.5	NA	<0.05	1.55	NA	NA	NA	6.08
35.5	NA	<0.05	1.34	NA	NA	NA	5.82
40	NA	<0.05	1.31	NA	NA	NA	5.95
<0.005	NA	<0.05	1.28	NA	NA	NA	<0.1
36.7	NA	<0.2	1.31	NA	NA	NA	5.89
472	NA	<0.05	1.87	NA	NA	NA	15.4
438 M4	NA	<0.05	1.52	NA	NA	NA	14.8
449	NA	<0.05	1.44	NA	NA	NA	13.5
200	NA	<0.05	1.75	NA	NA	NA	14.6
467	NA	<0.05	2	NA	NA	NA	13.9
471	NA	<0.05	1.44	NA	NA	NA	13.6
500	NA	<0.05	1.22	NA	NA	NA	13.3
468	NA	<0.05	1.23	NA	NA	NA	13.8
462	NA	<0.05	1.22	NA	NA	NA	12.9
498	NA	<0.05	2.34	NA	NA	NA	13.6
458	NA	<0.05	1.34	NA	NA	NA	13.7
414	NA	0.034 j	2.39	NA	NA	NA	13.6
466	NA	0.034 j	2.6	NA	NA	NA	13.6
475	NA	<0.2	2.13	NA	NA	NA	13.3
185	NA	0.11	9.12	NA	NA	NA	11.2
211	NA	0.07	10.4	NA	NA	NA	12.8
207	NA	<0.05	2.94	NA	NA	NA	11.7
184	NA	<0.05	5.83	NA	NA	NA	11.8
206	NA	<0.05	1.89	NA	NA	NA	12.1
213	NA	<0.05	1.83	NA	NA	NA	11.9
230 B4	NA	<0.05	1.75	NA	NA	NA	11.8
218	NA	<0.05	1.27	NA	NA	NA	11.8
208 M4	NA	<0.05	1.24	NA	NA	NA	11.5
231	NA	<0.05	1.13	NA	NA	NA	11.7
212	NA	<0.05	1.02	NA	NA	NA	12
214	**93**	0.035 j	1.01	12	NA	0.152	11.8
216	NA	0.035 j	1.03	NA	NA	NA	12
214	NA	0.025 j,M2	1.2	NA	NA	NA	11.3
210	NA	<0.2	1.84	NA	NA	NA	11.4

206	NA	<0.05	<1	NA	NA	NA	10.8
228	NA	<0.05	<1	NA	NA	NA	10.7
223	NA	<0.05	<1	NA	NA	NA	10.3
238	NA	<0.05	<1	NA	NA	NA	11.2
228	NA	<0.05	<1	NA	NA	NA	10.8
240	NA	<0.05	1.45	NA	NA	NA	10.8
245 B4	NA	<0.05	<1	NA	NA	NA	10.9
238	NA	<0.05	<1	NA	NA	NA	10.7
233	NA	<0.05 M2	<1	NA	NA	NA	10.5
258	NA	<0.05	<1	NA	NA	NA	11.1
235	NA	<0.05	0.351 j	NA	NA	NA	10.8
235	**634**	0.023 j	0.423 j	20.4	NA	0.266	11
237	NA	0.025 j	0.469 j	NA	NA	NA	10.9
228	NA	0.034 j	0.97 j	NA	NA	NA	10.3
225	NA	<0.2	0.494 j	NA	NA	NA	10.3
63.2	NA	<0.05	28.9	NA	NA	NA	8.06
62.1	NA	<0.05	10.6	NA	NA	NA	7.21
64.3	NA	<0.05	9.42	NA	NA	NA	7.4
70.9	NA	<0.05	6.8	NA	NA	NA	1.1
61.1	NA	<0.05	9.69	NA	NA	NA	7.29
58	NA	<0.05	8.41	NA	NA	NA	7.19
68.4	NA	<0.05	6.3	NA	NA	NA	7.45
62.3	NA	<0.05 M2	6.15	NA	NA	NA	7.35
61.2	NA	<0.05	6.28	NA	NA	NA	7.12
61.9	NA	<0.05	5.22	NA	NA	NA	7.08
59.8	NA	<0.05	5.23	NA	NA	NA	7.16
67.6	**355**	<0.05	5.04	1.46	NA	0.01	7.6
62.3	NA	<0.05	5.05	NA	NA	NA	7.45
66.1	NA	<0.05	4.74	NA	NA	NA	7.82
62.9	NA	<0.2	5	NA	NA	NA	7.4
53.6	NA	<0.05	<1	NA	NA	NA	2.25
53.7	NA	<0.05	<1	NA	NA	NA	2.31
57.2	NA	<0.05	<1	NA	NA	NA	2.17
59.2	NA	<0.05	5.21	NA	NA	NA	3.75
53.8 M4	NA	<0.05	7.8	NA	NA	NA	3.34
60.4	NA	<0.05	1.09	NA	NA	NA	3.79
64.2	NA	<0.05	<1	NA	NA	NA	3.76
59.4	NA	<0.05	<1	NA	NA	NA	2.66
59.9 B2	NA	<0.05	<1	NA	NA	NA	2.64
64.8	NA	<0.05 M2	<1	NA	NA	NA	3.22
62.5	NA	<0.05	0.913 j	NA	NA	NA	4.28
66.2	**460**	<0.05	0.658 j	2.36	NA	<0.01	2.88
63.5	NA	<0.05	3.2	NA	NA	NA	3.5
65.9 M1	NA	<0.05	0.723 j	NA	NA	NA	3
65.2	NA	<0.2	0.679 j	NA	NA	NA	2.8

76.1	NA	<0.05	2.81	NA	NA	NA	1.78
71	NA	<0.05	1.07	NA	NA	NA	1.19
74.8	NA	<0.05	1	NA	NA	NA	1.13
60.1	NA	<0.05	12.4	NA	NA	NA	7.55
79.7	NA	<0.05	3.72	NA	NA	NA	1.12
72.9	NA	<0.05	1.52	NA	NA	NA	0.92
87.3	NA	<0.05	<1	NA	NA	NA	0.985
75.6	NA	<0.05	<1	NA	NA	NA	0.969
71.3	NA	<0.05	<1	NA	NA	NA	0.975
73.3	NA	<0.05	<1	NA	NA	NA	0.959
74.6	NA	<0.05	0.383 j	NA	NA	NA	0.844
72.8	NA	<0.05	1.28	NA	NA	NA	0.977
78.9	NA	<0.05	0.445 j	NA	NA	NA	0.935
73.9	NA	<0.2	0.37 j	NA	NA	NA	0.89
75.7	NA	<0.05	7.6	NA	NA	NA	8.67
84.5	NA	<0.05	1.11	NA	NA	NA	8.99
94.3	NA	<0.05	1.19	NA	NA	NA	9.28
18.8	NA	<0.05	2.69	NA	NA	NA	8.32
104	NA	<0.05	1.41	NA	NA	NA	9.82
106	NA	<0.05	1.98	NA	NA	NA	9.66
125	NA	<0.05	1.37	NA	NA	NA	10.4
120	NA	<0.05	2.09	NA	NA	NA	10.4
131	NA	<0.05	2.21	NA	NA	NA	10.6
141	NA	<0.05	1.85	NA	NA	NA	10.6
140	NA	<0.05	1.47	NA	NA	NA	11
143	NA	<0.05	2.66	NA	NA	NA	11.3
160	NA	<0.05	1.13	NA	NA	NA	11.5
179	NA	<0.2	1.88	NA	NA	NA	12.5
135	NA	0.09	<1	NA	NA	NA	13.4
145	NA	0.17	<1	NA	NA	NA	14.1
55.8	NA	0.08	<1	NA	NA	NA	13.8
123	NA	0.49	5.11	NA	NA	NA	13.6
135	NA	0.1	1.19	NA	NA	NA	13.6
125	NA	<0.05	1.4	NA	NA	NA	13.2
163 M4	NA	0.13	<1	NA	NA	NA	14
183	NA	0.29	<1	NA	NA	NA	15.2
149	NA	0.13	<1	NA	NA	NA	13.8
154	NA	<0.05	1.87	NA	NA	NA	14.7
185	NA	0.34	0.555 j	NA	NA	NA	14.9
218	NA	0.57	0.422 j	NA	NA	NA	16.4
242 M4	NA	0.85	0.28 j	NA	NA	NA	15.8
203	NA	<0.2	0.555 j	NA	NA	NA	15.7
173	NA	<0.5	2.27	NA	NA	NA	12.7
201	NA	<0.05	1.21	NA	NA	NA	12.3
200	NA	<0.05	1.03	NA	NA	NA	11.8

189 M4	NA	<0.05	2.8	NA	NA	NA	11.3
222	NA	<0.05	1.6	NA	NA	NA	12
228	NA	<0.05	1.34	NA	NA	NA	11.8
253 B4	NA	<0.05	1.16	NA	NA	NA	12
235	NA	<0.05 M2	1.1	NA	NA	NA	11.7
252	NA	<0.05	1.09	NA	NA	NA	12.1
272	NA	<0.05	1.09	NA	NA	NA	11.4
273	NA	<0.05	1.05	NA	NA	NA	12.4
292	NA	<0.05	1.12	NA	NA	NA	12.7
308	NA	<0.05	1.19	NA	NA	NA	12.8
339	NA	<0.2	1.1	NA	NA	NA	13.1
395	NA	<0.5	3.57	NA	NA	NA	1.2
363	NA	<0.05	1.45	NA	NA	NA	0.834
324	NA	<0.05	1.53	NA	NA	NA	0.743
238	NA	<0.05	9.16	NA	NA	NA	0.704
262	NA	<0.05	2.47	NA	NA	NA	0.641
241	NA	<0.05	1.77	NA	NA	NA	0.615
247 B4	NA	<0.05	2.11	NA	NA	NA	0.591
220	NA	<0.05	1.74	NA	NA	NA	0.556
216	NA	<0.05	1.4	NA	NA	NA	0.547
202	NA	<0.05	1.52	NA	NA	NA	0.545
169	NA	<0.05	1.17	NA	NA	NA	0.493
150	NA	<0.05	1.2	NA	NA	NA	0.481
136	NA	<0.05	0.768 j	NA	NA	NA	0.436
127	NA	<0.2	0.87 j	NA	NA	NA	0.373
286	NA	<0.5	5.47	NA	NA	NA	11.6
214	NA	<0.05	4.77	NA	NA	NA	12
203 M4	NA	<0.05	2.21	NA	NA	NA	10.6
311	NA	<0.05	5.92	NA	NA	NA	11.3
344	NA	<0.05	3.77	NA	NA	NA	12.1
311	NA	<0.05	2.95	NA	NA	NA	11.9
317 B4	NA	<0.05	2.47	NA	NA	NA	12
326	NA	<0.05	2	NA	NA	NA	12
286	NA	<0.05	2	NA	NA	NA	11.6
314	NA	<0.05	1.43	NA	NA	NA	12
298	NA	<0.05	1.59	NA	NA	NA	11.9
300	NA	<0.05	1.35	NA	NA	NA	12.3
324	NA	<0.05	1.68	NA	NA	NA	12.1
351	NA	<0.2	1.69	NA	NA	NA	12.9
318 M4	NA	<0.05	49.6	NA	NA	NA	10.9
81.5	NA	<0.05	266	NA	NA	NA	3.52
136	NA	<0.05	204	NA	NA	NA	4.61
136	NA	<0.05	259	NA	NA	NA	4.53
178	NA	<0.05	217	NA	NA	NA	4.69
163	NA	<0.05	198	NA	NA	NA	4.25

184 B4	NA	<0.05	159	NA	NA	NA	4.19
175	NA	<0.05	167	NA	NA	NA	3.98
190	NA	<0.05 M2	204	NA	NA	NA	4.07
438	NA	<0.05	77.7	NA	NA	NA	6.96
169	NA	<0.05	209	NA	NA	NA	3.85
136	NA	<0.05	254	NA	NA	NA	3.27
75.5	NA	<0.05	359	NA	NA	NA	2.31
88.2	NA	<0.2	315	NA	NA	NA	2.33
480	NA	<0.05	112	NA	NA	NA	10.1
477	NA	<0.05	113	NA	NA	NA	10.1
457	NA	<0.05	127	NA	NA	NA	9.17
470	NA	<0.05	131	NA	NA	NA	9.15
471	NA	<0.05	137	NA	NA	NA	9.09
463	NA	<0.05	142	NA	NA	NA	9.79
487	NA	<0.05	140	NA	NA	NA	10.5
435	NA	<0.05	149	NA	NA	NA	10.4
543	NA	<0.05	154	NA	NA	NA	9.72
524	NA	<0.05	166	NA	NA	NA	11
427	NA	<0.05	185	NA	NA	NA	9.56
462	**7770**	<0.05	220	83.4	NA	0.016	9.91
449	NA	0.017 j	210	NA	NA	NA	10.2
437	NA	<0.05	282	NA	NA	NA	8.69
453	NA	<0.2	345	NA	NA	NA	9.16
349	NA	<0.05	34.3	NA	NA	NA	4.45
334	NA	<0.05	48	NA	NA	NA	3.64
327	NA	<0.05	49.7	NA	NA	NA	3.27
340	NA	<0.05	54.6	NA	NA	NA	3.17
320	NA	<0.05	60.4	NA	NA	NA	3.03
304	NA	<0.05	68.3	NA	NA	NA	2.99
321 B4, M4	NA	<0.05	70	NA	NA	NA	3.17
286 M4	NA	<0.05	79.3	NA	NA	NA	3.15
292	NA	<0.05	82.2	NA	NA	NA	2.88
351	NA	<0.05	97.8	NA	NA	NA	3.17
281	NA	<0.05	118	NA	NA	NA	3.01
289	NA	<0.05	128	NA	NA	NA	3.01
283	NA	<0.05	153	NA	NA	NA	2.94
285	NA	<0.2	154	NA	NA	NA	2.84
44.7	NA	<0.05	58.9	NA	NA	NA	5.37
47	NA	<0.05	58.3	NA	NA	NA	4.93
45.8	NA	<0.05	62.4	NA	NA	NA	4.71
48.1	NA	<0.05	64	NA	NA	NA	4.36
50.2	NA	<0.05	66.3	NA	NA	NA	4.84
49.5	NA	<0.05	65.9	NA	NA	NA	4.8
53.8	NA	<0.05	65.5	NA	NA	NA	4.82
53.7	NA	<0.05	63.8	NA	NA	NA	4.73

51.4	NA	<0.05	64	NA	NA	NA	4.48
55.1	NA	<0.05	63.8	NA	NA	NA	4.67
57.2	NA	<0.05	60.4	NA	NA	NA	4.66
59.2	NA	<0.05	61.5	NA	NA	NA	4.68
64.6	NA	<0.05	61.7	NA	NA	NA	4.6
68.2	NA	<0.2	59.8	NA	NA	NA	4.78
49.5	NA	<0.05	2.34	NA	NA	NA	5.98
51.2	NA	<0.05	2.45	NA	NA	NA	5.64
49.6	NA	<0.05	1.84	NA	NA	NA	5.07
53.5	NA	<0.05	66.2	NA	NA	NA	5.4
57.4	NA	<0.05	13.6	NA	NA	NA	4.83
55.5	NA	<0.05	6.81	NA	NA	NA	4.96
62.1	NA	<0.05	3.83	NA	NA	NA	5.22
64	NA	<0.05	3.35	NA	NA	NA	5.16
62.4	NA	<0.05 M2	3.17	NA	NA	NA	4.93
69.7	NA	<0.05	2.37	NA	NA	NA	4.52
64.3	NA	<0.05	1.87	NA	NA	NA	5.03
68.6 M4	NA	<0.05	1.72	NA	NA	NA	4.99
72.7	NA	<0.05	1.93	NA	NA	NA	4.21
70.3	NA	<0.2	1.49	NA	NA	NA	5.16
35.1	NA	<0.05	25.7	NA	NA	NA	3.85
33.7	NA	<0.05	16.2	NA	NA	NA	3.4
33.7	NA	<0.05	21.1	NA	NA	NA	2.86
37.3	NA	<0.05	24.8	NA	NA	NA	2.57
37.2	NA	<0.05	27	NA	NA	NA	2.98
36.3	NA	<0.05	24.6	NA	NA	NA	3.12
38.3	NA	<0.05	25.6	NA	NA	NA	2.61
38.5	NA	<0.05	24.4	NA	NA	NA	2.71
36.3	NA	<0.05	21.6	NA	NA	NA	2.64
37.9	NA	<0.05	23.7	NA	NA	NA	2.72
35.6	NA	<0.05	21.7	NA	NA	NA	2.67
37.2	NA	<0.05	24.5	NA	NA	NA	2.46
39.6	NA	<0.05	26.2	NA	NA	NA	2.55
35.8	NA	<0.2	23.3	NA	NA	NA	2.4
21.2	NA	<0.05	13.3	NA	NA	NA	2.54
20.1	NA	<0.05	10.3	NA	NA	NA	1.41
20.1	NA	<0.05	12.3	NA	NA	NA	1.07
17.2	NA	<0.05	24.8	NA	NA	NA	1.01
19.4	NA	<0.05	11.8	NA	NA	NA	1.01
15.7	NA	<0.05	10.6	NA	NA	NA	0.708
18.9	NA	<0.05	8.96	NA	NA	NA	0.935
21.3	NA	<0.05	9.66	NA	NA	NA	0.925
21.4	NA	<0.05	8.99	NA	NA	NA	0.879
19.3	NA	<0.05	9.17	NA	NA	NA	0.913
19.7	NA	<0.05	9.02	NA	NA	NA	0.761

18.3	NA	<0.05	9.61	NA	NA	NA	0.822
16.3	NA	<0.05	10.5	NA	NA	NA	0.704
15.2	NA	<0.2	10.8	NA	NA	NA	0.698
21.7	NA	<0.05	2.51	NA	NA	NA	4.23
22.7	NA	<0.05	2.76	NA	NA	NA	3.66
23.9	NA	<0.05	3.26	NA	NA	NA	3.5
25	NA	0.1	3.73	NA	NA	NA	3.63
25.6	NA	<0.05	4.08	NA	NA	NA	3.87
25.9	NA	<0.05	4.71	NA	NA	NA	3.62
27.3	NA	<0.05	4.42	NA	NA	NA	3.63
25.3	NA	<0.05	4.37	NA	NA	NA	3.42
29.8	NA	<0.05	4.62	NA	NA	NA	3.41
29	NA	<0.05	5.05	NA	NA	NA	3.68
24.5	NA	<0.05	5.09	NA	NA	NA	3.32
24.8	NA	<0.05	4.71	NA	NA	NA	3.24
23.4	NA	<0.05	4.94	NA	NA	NA	3.06
21.2	NA	<0.2	5.02	NA	NA	NA	3.09
32.9	NA	<0.05	19	NA	NA	NA	2.73
31.8	NA	<0.05	20.3	NA	NA	NA	2.66
32.2	NA	<0.05	23.7	NA	NA	NA	2.66
34.9	NA	<0.05	23.8	NA	NA	NA	2.78
34.6	NA	<0.05	26.1	NA	NA	NA	2.89
34	NA	<0.05	24.1	NA	NA	NA	2.83
36.8	NA	<0.05	22.4	NA	NA	NA	2.91
36.9	NA	<0.05	22.5	NA	NA	NA	2.87
38.3 M4	NA	<0.05	25.5	NA	NA	NA	2.81
41.8	NA	<0.05	26.5	NA	NA	NA	3.13
36.4	NA	<0.05	21	NA	NA	NA	2.56
38.5	NA	<0.05	20.6	NA	NA	NA	2.71
34.2	NA	<0.05	19.2	NA	NA	NA	2.52
32.2	NA	<0.2	18.9	NA	NA	NA	2.48
7.04	NA	<0.05	2.47	NA	NA	NA	5.03
7.6	NA	<0.05	1.16	NA	NA	NA	5.75
7.96	NA	<0.05	1.1	NA	NA	NA	7.15
6.98	NA	<0.05	19.1	NA	NA	NA	4.82
7.35	NA	<0.05	5.66	NA	NA	NA	5.33
7.46	NA	<0.05	1.96	NA	NA	NA	4.69
7.2	NA	<0.05	<1	NA	NA	NA	3.94
7.23	NA	<0.05	<1	NA	NA	NA	4.52
7.37	NA	<0.05	1.88	NA	NA	NA	4.85
8.45	NA	<0.05	1.72	NA	NA	NA	5.56
6.26	NA	<0.05	0.442 j	NA	NA	NA	3.48
6.51	NA	<0.05	0.61 j	NA	NA	NA	3.87
6.9	NA	<0.05	0.401 j	NA	NA	NA	3.61
7.08	NA	<0.2	0.763 j	NA	NA	NA	4.3

61.4	NA	<0.05	2.68	NA	NA	NA	7.1
57.6	NA	<0.05	1.3	NA	NA	NA	6.13
61.2	NA	<0.05	1.21	NA	NA	NA	5.92
61.2	NA	<0.05	1.63	NA	NA	NA	5.71
64.5	NA	<0.05	1.47	NA	NA	NA	6.27
62 M4	NA	<0.05	1.23	NA	NA	NA	6.3
71.4	NA	<0.05	1.25	NA	NA	NA	6.41
66.6	NA	<0.05	<1	NA	NA	NA	6
71.2	NA	<0.05	<1	NA	NA	NA	5.97
74.7	NA	<0.05	<1	NA	NA	NA	6.25
69	NA	<0.05	0.781 j	NA	NA	NA	6.28
69.9	NA	<0.05	0.792 j	NA	NA	NA	6.06
69	NA	<0.05	0.691 j	NA	NA	NA	5.61
71.5	NA	<0.2	0.712 j	NA	NA	NA	6.09
21.1	NA	<0.05	1.07	NA	NA	NA	8.9
23.9	NA	0.05	1.47	NA	NA	NA	11.1
25.2	NA	<0.05	1.12	NA	NA	NA	10.6
24.6	NA	<0.05	7.74	NA	NA	NA	9.48
24.3	NA	<0.05	6.06	NA	NA	NA	9.45
24.8	NA	<0.05	3.46	NA	NA	NA	9.29
26.1	NA	<0.05	1.87	NA	NA	NA	9.38
24.9	NA	<0.05	1.44	NA	NA	NA	9.05
26	NA	<0.05	1.14	NA	NA	NA	9.02
25.9	NA	<0.05	<1	NA	NA	NA	9.47
23.2	NA	<0.05	1.53	NA	NA	NA	9.42
24.1	NA	<0.05	1.96	NA	NA	NA	10.2
25.1	NA	<0.05	1.35	NA	NA	NA	9.96
22.9	NA	<0.2	0.601 j	NA	NA	NA	8.85
27	NA	<0.05	9.72	NA	NA	NA	5.17
24.6	NA	<0.05	8.49	NA	NA	NA	4.32
26.1	NA	<0.05	8.75	NA	NA	NA	4.79
28.9	NA	<0.05	11.5	NA	NA	NA	4.35
26.3	NA	<0.05	10.6	NA	NA	NA	4.54
26.6	NA	<0.05	11.1	NA	NA	NA	4.26
30.2	NA	<0.05	12	NA	NA	NA	4.55
27.6	NA	<0.05	8.98	NA	NA	NA	4.45
27.3	NA	<0.05	11.4	NA	NA	NA	4.06
27.8	NA	<0.05	12.2	NA	NA	NA	4.68
27.4	NA	<0.05	10.1	NA	NA	NA	4.27
30.4	NA	<0.05	7.52	NA	NA	NA	4.55
27.3	NA	<0.05	6.3	NA	NA	NA	3.88
27	NA	<0.2	8.13	NA	NA	NA	4.14
33.6	NA	<0.05	1.22	NA	NA	NA	4
28.1	NA	<0.05	1.27	NA	NA	NA	4.02
28.1	NA	<0.05	1.46	NA	NA	NA	4.42

21.2	NA	<0.05	12	NA	NA	NA	4.32
27.4	NA	<0.05	3.79	NA	NA	NA	3.87
27.8	NA	<0.05	1.38	NA	NA	NA	3.52
32	NA	<0.05	1.41	NA	NA	NA	3.74
27.9	NA	<0.05	1.18	NA	NA	NA	3.4
27.2	NA	<0.05	1.14	NA	NA	NA	3.34
30.1	NA	<0.05	1.06	NA	NA	NA	3.4
29.6	NA	<0.05	1.1	NA	NA	NA	3.49
34.6	NA	<0.05	1.07	NA	NA	NA	3.59
36.4	NA	<0.05	1.25	NA	NA	NA	3.64
35.3	NA	<0.2	1.1	NA	NA	NA	3.54
27.8	NA	<0.05	3.23	NA	NA	NA	6.37
27.3	NA	<0.05	2.83	NA	NA	NA	5.21
25.7	NA	<0.05	2.54	NA	NA	NA	5.63
21.5 M4	NA	<0.05	4.13	NA	NA	NA	5.36
25.3	NA	<0.05	3.2	NA	NA	NA	5.79
28	NA	<0.05	3.18	NA	NA	NA	5.08
29.4	NA	<0.05	3.35	NA	NA	NA	5.42
26.5	NA	<0.05	3.05	NA	NA	NA	5.47
28.2	NA	<0.05	3.1	NA	NA	NA	5.7
25.2	NA	0.09	1.82	NA	NA	NA	5.52
26	NA	<0.05	3.11	NA	NA	NA	5.98
28.3	NA	0.025 j	2.1	NA	NA	NA	6
28	NA	<0.05	3	NA	NA	NA	5.1
25.1	NA	<0.2	2.92	NA	NA	NA	4.58
28.2	NA	<0.05	3.28	NA	NA	NA	4.46
26.7	NA	<0.05	2.97	NA	NA	NA	4.32
27	NA	<0.05	2.83	NA	NA	NA	4.23
27.7	NA	<0.05	4.13	NA	NA	NA	3.54
26.9	NA	<0.05	2.97	NA	NA	NA	3.62
26.6	NA	<0.05	2.8	NA	NA	NA	3.59
29.6	NA	<0.05	2.75	NA	NA	NA	3.58
26.3	NA	<0.05	2.75	NA	NA	NA	3.42
27.9	NA	<0.05	2.62	NA	NA	NA	3.39
25.4	NA	<0.05	2.71	NA	NA	NA	3.26
25.5	NA	<0.05	2.76	NA	NA	NA	3.44
28.1	NA	<0.05	2.51	NA	NA	NA	3.48
27.5	NA	<0.05	2.68	NA	NA	NA	3.37
23.8	NA	<0.2	2.66	NA	NA	NA	3.34
12.2	**76**	<0.2	4.3	0.99	NA	<0.04	5.5
19.6	**398**	<0.05	0.635 j	0.531 j	NA	0.551	3.65
70.6 M4	9	<0.05	2.09	0.609 j	NA	<0.01	1.48
71.6	42	<0.05	2.38	0.562 j	NA	0.0035 j	1.92
75.1	**2220**	<0.05	1.53	5.72	NA	<0.01	1.34
394	**156**	<0.05	1.11	1.65	NA	0.026	11.3

424	**2420**	<0.05	0.741 j	3.28	NA	0.058	9.68
612	**123000**	<0.05	1.39	55.6	NA	0.029	4.71
333	**32200**	<0.05	1.26	**101**	NA	0.0043 j	29.8
521	**3990**	0.022 j	1.73	17.3	NA	0.0057 j	20.4
48.7	**868**	<0.05	16.5	1.45	NA	<0.02	23.3
58.4	**70**	<0.05	1.86	0.679 j	NA	0.21	2.4
60.7	**1670**	<0.05	1.58	5.15	NA	0.44	3.25
34.3	**342**	<0.05	11.1	0.785 j	NA	<0.02	5.34
24.9	**1740**	<0.05	3.69	3.22	NA	<0.02	1.11
33.6	**185**	<0.05	1.4	2.43	NA	0.012	3.26
44 M4	**1560**	<0.05	10.9	11.1	NA	<0.01	22.9
43	**2030**	<0.05	1.38	6.36	NA	<0.01	0.794
NA	**180**	<0.2	NA	10.4	NA	NA	NA
NA	11.7	<0.2	NA	<5	NA	NA	NA
NA	9.7 b	<0.2	NA	<5	NA	NA	NA
NA	8.2	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	5.6	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	21	<0.05	NA	<5	NA	NA	NA
12.3	13	<0.05	<1	<5	NA	NA	2.7
11.8	26	<0.05	<1	<5	0.33	NA	2.82
10.9	<5	<0.05	<1	<1	NA	0.376	2.3
12.1	49	<0.05	<1	<5	0.23	NA	2.5
11.2	**211**	<0.05	<1	1.72	NA	<0.01	2.49
12.3	**153**	<0.05	<1	<1	NA	0.023	2.76
12.1	**115**	<0.05	<1	<5	<0.023	NA	2.54
13.1	**75**	<0.05	<1	<5	<0.023	NA	2.49
13.4	**109**	<0.05	<1	<1	NA	<0.01	2.58
13	**183**	<0.05	<1	<5	0.06	NA	2.29
14.6	**56**	<0.05	<1	<1	NA	0.075	2.51 M2
14	**100**	<0.05	<1	1.4	NA	0.065	2.42
15.6	**66**	<0.05	<1	<5	0.07	NA	2.42
14.1	**110**	<0.05	<1	1.1	NA	NA	2.33
14.6	**99**	<0.05	<1	<5	0.06	NA	2.18
17.7	**59**	0.07	<1	<1	NA	NA	2.57
17.1	**55**	0.06	<1	<5	0.19	NA	2.48
18.7	**112**	0.07	<1	<1	NA	0.109	2.67
18.8	**55**	<0.05	0.266 j	1.21	NA	0.521	2.7
18.4	49	<0.05	<1	<5	0.52	NA	2.6

19.1	33	0.019 j	0.15 j	0.954 j	NA	0.161	2.94
19	33	<0.05	<1	<5	<0.046	NA	2.5
19.5	**77**	0.044 j	0.24 j	1.02	NA	0.118	2.82
20.6	49	<0.05	<1	<5	0.07	NA	2.72
21.9	**55**	NA	0.122 j	NA	NA	0.015	2.76
21.7	**55**	<0.05	<1	<5	<0.046	NA	2.73
22.3	29	<0.05	<1	<5	<0.046	NA	2.65
23.1	22	NA	<1	NA	NA	0.144	2.79
22.6	22	<0.05	<1	<5	0.1	NA	2.63
NA	**52.9**	<0.2	NA	<5	NA	NA	NA
NA	6.2	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	10.3	<0.2	NA	<5	NA	NA	NA
NA	5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	14	<0.05	NA	<5	NA	NA	NA
NA	13	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
27.8	<5	<0.05	<1	<5	NA	NA	1.11
30.8	<5	<0.05	<1	<5	0.25	NA	1.12
27.7	<5	<0.05	<1	<1	NA	0.262	1.02
30	<5	<0.05	<1	<5	0.25	NA	1.14
29	<5	<0.05	<1	<5	0.25	NA	1.06
31.3 M4	<5	<0.05	<1	<5	0.25	NA	1.1
28.8	<5	<0.05	<1	<1	NA	0.267	1.13
31.1	<5	<0.05	<1	<5	0.27	NA	1.15
31.5	<5	<0.05	<1	<1	NA	0.315	1.09
32.8	<5	<0.05	<1	<1	NA	0.35	1.1
32.4	<5	<0.05	<1	<5	0.33	NA	1.1
33.8	<5	<0.05	<1	<1	NA	NA	1.07
32.8	<5	<0.05	<1	<5	0.29	NA	1.04
31.4	<5	<0.05	<1	<1	NA	NA	1.15
31.6	<5	<0.05	<1	<5	0.34	NA	1.14
32.5	<5	<0.05	<1	<1	NA	0.27	1.22
32.4	**405**	<0.05	0.385 j	0.484 j	NA	0.18	1.37
32.3	**365**	<0.05	<1	<5	0.19	NA	1.32
32.6	**212**	<0.05	0.362 j	0.385 j	NA	0.24	1.26
33.2	**187**	<0.05	<1	<5	0.22	NA	1.22
32.4	**99**	0.018 j	0.269 j	<1	NA	0.256	1.31
32.6	**113**	<0.05	<1	<5	0.28	NA	1.24
35.2	NA	<0.05	0.32 j	NA	NA	NA	1.28

1.48	**549**	NA	0.232 j	NA	NA	0.096	0.09417 j
39.6	**515**	<0.05	<1	<5	0.15	NA	1.43
37.6	NA	<0.2	0.289 j	NA	NA	NA	1.28
37.5	**127**	<0.05	<1	<5	0.22	NA	1.26
41.7	23	NA	0.376 j	NA	NA	0.293	1.46
35.7	17	<0.05	<1	<5	0.31	NA	1.24
NA	24.9	<0.2	NA	10.8	NA	NA	NA
NA	14.7	<0.2	NA	<5	NA	NA	NA
NA	8.3 b	<0.2	NA	<5	NA	NA	NA
NA	6.1	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
33.3	<5	<0.05	<1	<5	NA	NA	2.94
34	<5	<0.05	<1	<5	0.2	NA	2.8
36.6 M4	<5	<0.05	<1	<1	NA	0.21	2.61
35.5	6	<0.05	<1	<5	0.21	NA	3.29
36.3	<5	<0.05	<1	<5	0.21	NA	2.82
37.5	<5	<0.05	<1	<5	0.22	NA	2.76
34.3	7	<0.05	<1	<1	NA	0.249	2.55
39.2	<5	<0.05	<1	<5	0.29	NA	2.71
38.2	<5	<0.05	<1	<1	NA	0.281	2.44
39.4	<5	<0.05	<1	<1	NA	0.307	2.66
39.1	<5	<0.05	<1	<5	0.28	NA	2.64
38	<5	<0.05	<1	<1	NA	NA	2.48
37.3	<5	<0.05	<1	<5	0.27	NA	2.37
37.1	<5	<0.05	<1	<1	NA	NA	2.54
37.4	<5	<0.05	<1	<5	0.29	NA	2.5
38.6	<5	<0.05	<1	<1	NA	0.295	2.71
39	<5	<0.05	0.834 j	<1	NA	0.338	2.69
38.3	<5	<0.05	<1	<5	0.34	NA	2.6
38.6	<5	<0.05	0.697 j	<1	NA	0.346	2.53
38.2	<5	<0.05	<1	<5	0.17	NA	2.48
37.7	<5	0.025 j	0.753 j	<1	NA	0.346	2.55
38.5	<5	<0.05	<1	<5	0.36	NA	2.54
38.7	<5	NA	0.832 j	NA	NA	0.335	2.65
37.9	<5	<0.05	<1	<5	0.37	NA	2.63
38.4	<5	<0.05	<1	<5	0.35	NA	2.55
39.7	<5	NA	0.893 j	NA	NA	0.374	2.72

39.2	<5	<0.05	<1	<5	0.36	NA	2.53
NA	7.2	<0.2	NA	<5	NA	NA	NA
NA	12.5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	11.7	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	6	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	7	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
6.15	14	<0.05	<1	<5	NA	NA	0.744
18.6	33	<0.05	4.93	<5	0.59	NA	5.92
41.2	<5	<0.05	<1	<1	NA	0.68	3.67
21.8	11	<0.05	<1	<5	0.22	NA	2.59
17.5	<5	<0.05	<1	<5	0.07	NA	1.42
34.8	<5	<0.05	<1	<5	0.59	NA	3.27
35.2 B2	<5	<0.05	<1	<1	NA	0.618	3.69
37.6	<5	<0.05	<1	<5	0.67	NA	3.54
26.2	<5	<0.05	<1	<1	NA	0.366	2.47
13.9	7	<0.05	<1	<1	NA	0.086	1.52
14.7	7	<0.05	<1	<5	0.07	NA	1.47
34.1	<5	<0.05	<1	<1	NA	NA	3.59
36.6	<5	<0.05	<1	<5	0.66	NA	3.51
35.8	<5	<0.05	<1	<1	NA	NA	3.76
37.3	<5	<0.05	<1	<5	0.86	NA	3.76
25	10	<0.05	<1	1.02	NA	0.263	2.64
8.85	14	0.017 j	0.159 j	0.905 j	NA	0.034	1.14
9.17	15	<0.05	<1	<5	0.04	NA	1.16
37.2	<5	<0.05	0.529 j	0.348 j	NA	0.636	3.69
37.2	<5	<0.05	<1	<5	0.66	NA	3.73
11.7	**116**	0.028 j	0.153 j	1.06	NA	0.081	1.57
12.4	**120**	<0.05	<1	<5	0.08	NA	1.64
14.9	NA	<0.05	0.186 j	NA	NA	NA	1.43
19.3	**131**	NA	0.144 j	NA	NA	0.041	1.43
18.8	**130**	<0.05	<1	<5	0.04	NA	1.41
31.3	NA	<0.2	0.679 j	NA	NA	NA	3.25
30.6	<5	<0.05	<1	<5	0.66	NA	3.21
30.9	2.486 j	NA	0.504 j	NA	NA	1.5	3.51
29.5	12	<0.05	<1	<5	0.81	NA	3.32
NA	**116**	<0.2	NA	<5	NA	NA	NA
NA	**86.6**	<0.2	NA	<5	NA	NA	NA

NA	**325**	<0.2	NA	<5	NA	NA	NA
NA	**416**	<0.2	NA	<5	NA	NA	NA
NA	**179**	<0.2	NA	<5	NA	NA	NA
NA	**84.8**	<0.2	NA	<5	NA	NA	NA
NA	**159**	<0.2	NA	<5	NA	NA	NA
NA	**130**	<0.05	NA	<5	NA	NA	NA
NA	48	<0.05	NA	<5	NA	NA	NA
NA	**118**	<0.05	NA	<5	NA	NA	NA
NA	**59**	<0.05	NA	<5	NA	NA	NA
NA	**65**	<0.05	NA	<5	NA	NA	NA
NA	**52**	<0.05	NA	<5	NA	NA	NA
19.1	45	<0.05	4.31	<5	NA	NA	5.74
40	<5	<0.05	<1	<5	0.04	NA	3.74
18.4	12	<0.05	4.13	<1	NA	0.034	5.42
18	48	<0.05	3.16	<5	0.03	NA	4.52
19	**247**	<0.05	3.44	<5	0.04	NA	4.91
17.5	32	<0.05	3.8	<5	0.06	NA	5.3
16.8 B2	15	<0.05	3.67	<1	NA	0.038	5.34
18.5	28	<0.05	3.64	<5	0.04	NA	5.51
17.5	**72**	<0.05	3.3	<1	NA	<0.01	4.52
17.3	24	<0.05	3.84	<1	NA	0.119	5.05
18.5	**120**	<0.05	2.92	<5	<0.023	NA	4.56
16.8	25	<0.05	3.2	<1	NA	NA	4.72
18.2	**55**	<0.05	3.07	<5	0.06	NA	4.64
18.1	**57**	<0.05	2.62	<1	NA	NA	5.08
18	37	<0.05	2.82	<5	<0.023	NA	5.08
18.7	**124**	<0.05	2.72	<1	NA	<0.01	4.9
19.4	32	<0.05	3.21	<1	NA	0.099	5.26
19.8	**142**	<0.05	2.75	<5	0.09	NA	4.86
17.8	4.933 j	<0.05	2.92	0.366 j	NA	0.072	4.71
17.5	<5	<0.05	3.07	<5	0.06	NA	4.78
17.9	**113**	0.017 j	2.88	0.889 j	NA	<0.01	4.67
18.3	**117**	<0.05	3.12	<5	<0.023	NA	4.83
18.6	28	NA	2.59	NA	NA	<0.01	4.37
18.8	27	<0.05	2.56	<5	<0.023	NA	4.23
18.6	44	<0.05	2.46	<5	<0.023	NA	4.32
19	8	NA	2.55	NA	NA	0.0042 j	4.51
18.9	10	<0.05	2.48	<5	<0.023	NA	4.42
NA	19.9	<0.2	NA	16.9	NA	NA	NA
NA	11.7	<0.2	NA	34.1	NA	NA	NA
NA	11.9 b	<0.2	NA	21.5 b	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA

NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
26.7	<5	<0.05	6.04	<5	NA	NA	4.54
25.4	<5	<0.05	6.03	<5	0.44	NA	4.41
27.2	<5	<0.05	5.42	1.34	NA	0.394	4
26.8	<5	<0.05	6.08	<5	0.39	NA	4.29
27.9	<5	<0.05	6.26	<1	NA	0.451	4.07
27.4	<5	<0.05	5.98	<1	NA	0.438	3.98
26.8	<5	<0.05	6.46	<5	0.44	NA	4.24
27.9	<5	<0.05	5.8	<5	0.4	NA	4.32
24.1 B2	<5	<0.05	5.66	<1	NA	0.304	4.18
26.6	<5	<0.05	6.08	<5	0.33	NA	4.18
25.6	<5	<0.05	6.14	<1	NA	0.372	4
27.7	<5	<0.05	6.63	<1	NA	0.407	4.22
27.2 B3	<5	<0.05	6.4	<5	0.42	NA	4.14
26.6	<5	<0.05	5.98	<1	NA	NA	4.13
25.7	<5	<0.05	5.97	<5	0.35	NA	4
26	<5	<0.05	6.11	<1	NA	NA	4.18
26.2	<5	<0.05	6.12	<5	0.28	NA	4.2
26.8	<5	<0.05	6.29	<1	NA	0.316	4.49
28.2	<5	<0.05	6.09	<1	NA	0.298	4.49
27.9	<5	<0.05	6.12	<5	0.35	NA	4.28
24.9	<5	<0.05	5.53	<1	NA	0.294	3.98
26.5	<5	<0.05	5.73	<5	0.29	NA	4.26
25.9	<5	<0.05	5.88	<1	NA	0.247	4.29
25.8	<5	<0.05	5.69	<5	0.23	NA	4.13
28.5	3.853 j	NA	5.66	NA	NA	0.313	4.38
26.3	<5	<0.05	5.84	<5	0.32	NA	4.21
26	<5	<0.05	5.8	<5	0.33	NA	4.31
26.2 M4	3.223 j	NA	5.73	NA	NA	0.336	4.18
26.6	<5	<0.05	5.59	<5	0.31	NA	4.31
NA	42.3	<0.2	NA	<5	NA	NA	NA
NA	10.6	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA

NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
56.3	<5	<0.05	<1	<5	NA	NA	1.03
39.3	<5	<0.05	<1	<5	1.3	NA	0.953
38	<5	<0.05	<1	<1	NA	0.454	<1
36.3	<5	<0.05	<1	<5	1.2	NA	1.03
20.9	<5	<0.05	<1	<5	1.1	NA	0.687
18.4	<5	<0.05	<1	<5	1.2	NA	0.765
35.5 B1	<5	<0.05	<1	<1	NA	1	0.978
39.2	<5	<0.05	<1	<5	1.2	NA	1.02
36.8	<5	<0.05	<1	<1	NA	1.1	0.877
37.5	<5	<0.05	<1	<1	NA	1.1	0.895
32.1 B3	<5	<0.05	<1	<5	1	NA	0.804
36.6	<5	<0.05	<1	<1	NA	NA	0.904
36.4	<5	<0.05	<1	<5	0.83	NA	0.851
34	<5	<0.05	<1	<1	NA	NA	0.971
33.7	<5	<0.05	<1	<5	0.77	NA	0.941
36.1	<5	<0.05	<1	<1	NA	0.67	0.989
32	<5	<0.05	0.147 j	0.907 j	NA	0.576	0.835
30.2	<5	<0.05	<1	<5	0.57	NA	0.78
36.4	<5	<0.05	0.16 j	0.803 j	NA	0.566	0.922
36	<5	<0.05	<1	<5	0.58	NA	0.901
28.3 M4	<5	0.018 j	0.231 j	<1	NA	0.402	0.899
26.6	<5	<0.05	<1	<5	0.43	NA	0.878
24.2	<5	NA	0.145 j	NA	NA	0.488	0.759
23.8	<5	<0.05	<1	<5	0.48	NA	0.783
32.5	<5	<0.05	<1	<5	0.43	NA	1
33.1	<5	NA	0.188 j	NA	NA	0.456	1.04
34.6	<5	<0.05	<1	<5	0.32	NA	1.04
40.2	NA	<0.05	<1	NA	NA	NA	0.474
40.5	NA	<0.05	<1	NA	NA	NA	0.483
38.9	NA	<0.05	<1	NA	NA	NA	0.478
39.9	NA	<0.05	2.22	NA	NA	NA	0.588
40.6	NA	<0.05	<1	NA	NA	NA	0.503
39	NA	<0.05	<1	NA	NA	NA	0.515
39.9	NA	<0.05	<1	NA	NA	NA	0.542
39.3	NA	<0.05	<1	NA	NA	NA	0.517
45.8 B2	NA	<0.05	<1	NA	NA	NA	0.517
43.6 M4	NA	<0.05	<1	NA	NA	NA	0.531
39	NA	<0.05	0.442 j	NA	NA	NA	0.504
35.9	NA	<0.05	0.414 j	NA	NA	NA	0.522
38.8	NA	<0.05	0.39 j	NA	NA	NA	0.538
44	NA	<0.05	1.18	NA	NA	NA	0.512
126	NA	<0.05	<1	NA	NA	NA	3.63

123	NA	<0.05	<1	NA	NA	NA	3.45
129	NA	<0.05	<1	NA	NA	NA	3.42
126	NA	<0.05	1.42	NA	NA	NA	3.9
124	NA	<0.05	1.42	NA	NA	NA	3.81
125	NA	<0.05	1.24	NA	NA	NA	3.6
133	NA	<0.05	<1	NA	NA	NA	3.8
133	NA	<0.05	<1	NA	NA	NA	3.72
125 B2	NA	<0.05	<1	NA	NA	NA	3.55
136	NA	<0.05	<1	NA	NA	NA	3.76
133	NA	<0.05	0.278 j	NA	NA	NA	3.68
127	NA	<0.05	0.239 j	NA	NA	NA	3.6
136	NA	<0.05	0.281 j	NA	NA	NA	4
140	16	<0.2	0.241 j	7.92	NA	0.02	3.72
135	NA	<0.05	0.279 j	NA	NA	NA	3.75
NA	**1660**	<0.2	NA	NA	NA	NA	NA
NA	**609**	<0.2	NA	NA	NA	NA	NA
NA	**2330**	<0.2	NA	NA	NA	NA	NA
NA	**169**	<0.2	NA	NA	NA	NA	NA
NA	**372**	<0.2	NA	NA	NA	NA	NA
NA	**166**	0.241	NA	NA	NA	NA	NA
NA	**81**	<0.2	NA	NA	NA	NA	NA
NA	**51**	<0.2	NA	NA	NA	NA	NA
NA	**236**	<0.2	NA	NA	NA	NA	NA
NA	**86**	<0.2	NA	NA	NA	NA	NA
NA	**60**	<0.2	NA	NA	NA	NA	NA
NA	**82.8**	<0.11	NA	NA	NA	NA	NA
NA	46.4	<0.11	NA	NA	NA	NA	NA
NA	**55.6**	<0.11	NA	3.4	NA	NA	NA
NA	22.7	<0.054	NA	<1.8	NA	NA	NA
NA	25	<0.2	NA	<1.7	NA	NA	NA
NA	46.4	<0.2	NA	5	NA	NA	NA
NA	4.4	<0.2	NA	<5	NA	NA	NA
NA	6.6	<0.2	NA	<5	NA	NA	NA
NA	6.1	<0.2	NA	<5	NA	NA	NA
NA	4.9 JB	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
64.8	7	<0.05	<1	<1	NA	0.869	4.39
NA	1.31 j	<0.006	NA	<0.5	0.125	NA	NA
NA	1.26 j	<0.05	NA	<5	1.01	NA	NA
73.7	NA	<0.05	<1	NA	NA	NA	5.09

69.2	NA	<0.05	<1	NA	NA	NA	4.98
69.3 M4	NA	<0.05	<1	NA	NA	NA	4.93
68.1 B2	22	<0.05	1.57	1.63	NA	0.661	5.14
NA	21.6	<0.05	NA	1.18 j	0.699	NA	NA
70.5	NA	<0.05	2.04	NA	NA	NA	5.19
65.4	NA	<0.05	<1	NA	NA	NA	5.1
68.2	8	<0.05	<1	<1	NA	0.741	4.65
66.4	NA	<0.05	<1	NA	NA	NA	5.07
70.8	<5	<0.05	<1	<1	NA	1.8	5.18
NA	3.46 j	<0.05	NA	<5	0.932	NA	NA
75.3	NA	<0.05	<1	NA	NA	NA	5.17
63.2	15	<0.05	<1	1	NA	NA	5.15
70.6	NA	<0.05	<1	NA	NA	NA	5.12
64.4 B2	NA	<0.05	<1	NA	NA	NA	4.82
64.1	5	<0.05	<1	<1	NA	NA	5.03
NA	<5	<0.05	NA	<5	0.77	NA	NA
68.4	36	<0.05	<1	2.01	NA	0.564	5.22
68.3	NA	<0.05	<1	NA	NA	NA	5.19
73.2	10	0.028 j	0.473 j	1.01	NA	0.507	5.3
NA	8.88	0.017 j	NA	<5	0.588	NA	NA
67.2	NA	<0.05	0.454 j	NA	NA	NA	4.9
74.6	5	0.019 j	0.417 j	1.01	NA	0.525	5.3
68	NA	<0.05	0.398 j	NA	NA	NA	5.02
72.9	8	0.03 j	0.44 j	0.751 j	NA	0.472	5.32
NA	7.85	0.039 j	NA	0.898 j	0.507	NA	NA
77	NA	<0.05	0.54 j	NA	NA	NA	5.32
74.4	4.006 j	NA	0.887 j	NA	NA	0.514	5.34
NA	4.16 j	<0.05	NA	1.53 j	0.499	NA	NA
61.5	NA	<0.05	0.853 j	NA	NA	NA	4.83
66.3	5	NA	0.627 j	NA	NA	0.603	5.11
NA	2.28 j	<0.05	NA	0.433 j	0.515	NA	NA
NA	**154**	<0.2	NA	NA	NA	NA	NA
NA	20	<0.2	NA	NA	NA	NA	NA
NA	10	<0.2	NA	NA	NA	NA	NA
NA	34	<0.2	NA	NA	NA	NA	NA
NA	30	<0.2	NA	NA	NA	NA	NA
NA	32	0.218	NA	NA	NA	NA	NA
NA	17	<0.2	NA	NA	NA	NA	NA
NA	**2540**	<0.2	NA	NA	NA	NA	NA
NA	15	<0.2	NA	NA	NA	NA	NA
NA	<10	<0.2	NA	NA	NA	NA	NA
NA	<10	<0.2	NA	NA	NA	NA	NA
NA	14.1	<0.11	NA	NA	NA	NA	NA
NA	10.9	<0.11	NA	NA	NA	NA	NA
NA	9	<0.11	NA	52.1	NA	NA	NA

NA	10.6	<0.054	NA	54.6	NA	NA	NA
NA	7.9	0.089	NA	40.2	NA	NA	NA
NA	27.2	<0.2	NA	11.1	NA	NA	NA
NA	7.8	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	1.7 JB	<0.2	NA	<5	NA	NA	NA
NA	2.9 JB	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	6	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
54.7	<5	<0.05	<1	<1	NA	0.836	5.11
NA	0.863 j	<0.006	NA	<0.5	1.57	NA	NA
NA	4.02 j	<0.05	NA	0.617 j	1.1	NA	NA
NA	1.35 j	<0.05	NA	<5	0.813	NA	NA
63.7	<5	<0.05	<1	<1	NA	0.885	4.13
56.5	<5	<0.05	<1	<1	NA	0.857	3.62 M2
64.6	<5	<0.05	<1	<1	NA	0.876	4.67
NA	0.291 j	<0.05	NA	<5	0.765	NA	NA
66.4	<5	<0.05	<1	<1	NA	NA	4.56
78.3	<5	<0.05	<1	<1	NA	NA	5.45
NA	<5	0.28	NA	<5	0.6	NA	NA
81.3	<5	0.12	<1	<1	NA	0.512	6.55
62	1.866 j	0.033 j	0.871 j	1.61	NA	0.732	3.64
NA	1.85 j	0.032 j	NA	<5	0.82	NA	NA
76	2.484 j	0.15	1.52	1.05	NA	0.655	4.73
65.4	7	0.046 j	0.795 j	0.515 j	NA	0.817	3.95
NA	8.78	0.032 j	NA	1.12 j	0.859	NA	NA
148	<5	NA	3.68	NA	NA	0.695	5.24
NA	<5	0.04 j	NA	0.761 j	0.662	NA	NA
NA	<5	<0.2	NA	0.463 j	0.545	NA	NA
141	<5	NA	1.2	NA	NA	0.556	6.24
NA	<5	0.029 j	NA	0.417 j	0.483	NA	NA
NA	**449**	<0.2	NA	NA	NA	NA	NA
NA	**122**	<0.2	NA	NA	NA	NA	NA
NA	**156**	<0.2	NA	NA	NA	NA	NA
NA	**290**	<0.2	NA	NA	NA	NA	NA
NA	**263**	<0.2	NA	NA	NA	NA	NA
NA	**128**	<0.2	NA	NA	NA	NA	NA
NA	**129**	<0.2	NA	NA	NA	NA	NA
NA	**82**	<0.2	NA	NA	NA	NA	NA
NA	**103**	<2	NA	NA	NA	NA	NA
NA	**58**	<0.2	NA	NA	NA	NA	NA
NA	**57**	<2	NA	NA	NA	NA	NA

NA	48.4	<0.11	NA	NA	NA	NA	NA
NA	47.6	<0.11	NA	NA	NA	NA	NA
NA	36.3	<0.11	NA	1.4	NA	NA	NA
NA	28.8	<0.054	NA	<1.8	NA	NA	NA
NA	36	<0.2	NA	<1.7	NA	NA	NA
NA	**80.6**	<0.2	NA	14.4	NA	NA	NA
NA	30.5	<0.2	NA	5.2	NA	NA	NA
NA	33.9	<0.2	NA	5.9	NA	NA	NA
NA	25.8 B	<0.2	NA	5.3	NA	NA	NA
NA	36.7	<0.2	NA	<5	NA	NA	NA
NA	30	<0.05	NA	<5	NA	NA	NA
NA	46	<0.05	NA	<5	NA	NA	NA
NA	41	<0.05	NA	<5	NA	NA	NA
NA	46	<0.05	NA	<5	NA	NA	NA
NA	**62**	<0.05	NA	<5	NA	NA	NA
125	**62**	<0.05	3.35	<1	NA	0.126	11.1
NA	**64.2**	<0.006	NA	2.33 j	0.155	NA	NA
NA	**61**	<0.05	NA	<5	0.112	NA	NA
NA	**115**	0.035 J	NA	7.88	0.194	0.146	NA
NA	NA	NA	NA	NA	NA	NA	NA
116	**67**	0.13	3.13	5.86	NA	0.247	11.7
NA	**66.3**	0.188	NA	6.82	0.253	NA	NA
105	**65**	<0.05	3.21	1.85	NA	0.253	11.3 M2
111 M4	**75**	<0.05	3.22	1.69	NA	0.278	11.4
NA	**67.7**	<0.05	NA	1.58 j	0.295	NA	NA
101	**59**	<0.05	3.2	1.82	NA	NA	11.2
96.9	35	<0.05	3.08	<1	NA	NA	10.4
NA	38	<0.05	NA	<5	0.32	NA	NA
97.3	43	<0.05	3.48	1.48	NA	0.272	10.4
98	**65**	<0.05	3.28	5.53	NA	0.258	10.8
NA	**59.3**	<0.05	NA	3.12 j	0.291	NA	NA
94.4	**52**	<0.05	3.3	1.4	NA	0.261	10.1
85.6	**193**	<0.05	13.7	5.05	NA	0.361	10.5
83.9 M4	**171**	<0.05	12.7	3.88	NA	0.349	11.2
77.5 M4	**258**	<0.05	13.2	3.69	NA	0.596	15.7
NA	**263**	<0.05	NA	3.73 j	0.601	NA	NA
83.3	**246**	<0.05	13.1	3.57	NA	1.1	16.7
77.6	**199**	NA	12.5	NA	NA	1.1	15.3
NA	**206**	<0.05	NA	2.72 j	1.27	NA	NA
73.4	36	<0.05	10.4	1.54	NA	0.803	11.8
66.3	**67**	<0.05	8.57	1.76	NA	0.53	11.3
NA	**84.2**	<0.05	NA	1.25 j	0.352	NA	NA
NA	**266**	<0.2	NA	NA	NA	NA	NA
NA	27	<0.2	NA	NA	NA	NA	NA
NA	**144**	<0.2	NA	NA	NA	NA	NA

NA	11	<0.2	NA	NA	NA	NA	NA
NA	<10	<0.2	NA	NA	NA	NA	NA
NA	11	0.24	NA	NA	NA	NA	NA
NA	7	<0.2	NA	NA	NA	NA	NA
NA	11	<0.2	NA	NA	NA	NA	NA
NA	<10	<0.2	NA	NA	NA	NA	NA
NA	<10	<0.2	NA	NA	NA	NA	NA
NA	<10	<2	NA	NA	NA	NA	NA
NA	1.9	<0.11	NA	NA	NA	NA	NA
NA	1.3	<0.11	NA	NA	NA	NA	NA
NA	1.9	<0.11	NA	<0.6	NA	NA	NA
NA	1.8	<0.054	NA	<1.8	NA	NA	NA
NA	7.6	<0.2	NA	<1.7	NA	NA	NA
NA	3.9	<0.2	NA	8.4	NA	NA	NA
NA	0.55	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	1.3 JB	<0.2	NA	<5	NA	NA	NA
NA	0.74 JB	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
2.93	<5	<0.05	<1	<1	NA	0.327	1.08
NA	0.231 j	<0.006	NA	2.34 j	0.335	NA	NA
NA	0.486 j	<0.05	NA	<5	0.341	NA	NA
3.19	NA	<0.05	<1	NA	NA	NA	0.998
2.5	NA	<0.05	<1	NA	NA	NA	0.965
3.05	NA	<0.05	<1	NA	NA	NA	1.07
2.68	<5	<0.05	<1	<1	NA	0.383	1.03
NA	3.68 j	<0.05	NA	<5	0.378	NA	NA
2.69	NA	<0.05	<1	NA	NA	NA	1.01
2.37	NA	<0.05	<1	NA	NA	NA	0.977
2.15	<5	<0.05	<1	<1	NA	0.369	0.963
2.1	NA	<0.05	<1	NA	NA	NA	0.981
2.18	<5	<0.05	<1	<1	NA	0.399	0.982
NA	<5	<0.05	NA	<5	0.428	NA	NA
1.56	NA	<0.05	<1	NA	NA	NA	0.873
1.78	<5	<0.05	<1	<1	NA	NA	0.894
1.81	NA	<0.05	<1	NA	NA	NA	0.925
2.02	NA	<0.05	<1	NA	NA	NA	0.905
1.9	<5	<0.05	<1	<1	NA	NA	0.91
NA	<5	<0.05	NA	<5	0.4	NA	NA
1.69	<5	<0.05	<1	<1	NA	0.334	0.928
1.64	NA	<0.05	<1	NA	NA	NA	0.888

2.44	<5	<0.05	0.13 j	<1	NA	0.439	1.01
NA	0.377 j	<0.05	NA	<5	0.476	NA	NA
3.26	NA	<0.05	0.126 j	NA	NA	NA	1.04
3.79	<5	<0.05	0.096 j	<1	NA	0.742	1.11
2.29	NA	<0.05	0.126 j	NA	NA	NA	0.964
1.8	<5	0.02 j	0.235 j	<1	NA	0.586	0.886
NA	<5	<0.05	NA	<5	0.6	NA	NA
1.79	NA	<0.05	0.345 j	NA	NA	NA	0.873
3.11	2.057 j	NA	0.169 j	NA	NA	0.897	1.05
NA	<5	<0.05	NA	0.662 j	0.878	NA	NA
2.54	NA	<0.05	0.148 j	NA	NA	NA	0.957
2.42	<5	NA	0.115 j	NA	NA	0.624	0.983
NA	<5	<0.05	NA	<5	0.629	NA	NA
NA	**264**	<0.2	NA	NA	NA	NA	NA
NA	**98**	<0.2	NA	NA	NA	NA	NA
NA	**148**	<0.2	NA	NA	NA	NA	NA
NA	**79**	<0.2	NA	NA	NA	NA	NA
NA	**71**	<0.2	NA	NA	NA	NA	NA
NA	**71**	0.2	NA	NA	NA	NA	NA
NA	**127**	<0.2	NA	NA	NA	NA	NA
NA	**57**	<0.2	NA	NA	NA	NA	NA
NA	**63**	<0.2	NA	NA	NA	NA	NA
NA	36	<0.2	NA	NA	NA	NA	NA
NA	**54**	<2	NA	NA	NA	NA	NA
NA	42.1	<0.11	NA	NA	NA	NA	NA
NA	40.7	<0.11	NA	NA	NA	NA	NA
NA	41.9	<0.11	NA	2.3	NA	NA	NA
NA	31.4	<0.054	NA	<1.8	NA	NA	NA
NA	26.3	<0.2	NA	<1.7	NA	NA	NA
NA	6.9	<0.2	NA	10.5	NA	NA	NA
NA	10.8	<0.2	NA	21.5	NA	NA	NA
NA	9.5	<0.2	NA	13.7	NA	NA	NA
NA	1.5 JB	<0.2	NA	<5	NA	NA	NA
NA	5.6 B	<0.2	NA	<5	NA	NA	NA
NA	7	<0.05	NA	<5	NA	NA	NA
NA	6	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
5.33	<5	<0.05	1.15	1.07	NA	0.394	2.64
NA	0.771 j	<0.006	NA	2.38 j	0.428	NA	NA
NA	1.24 j	<0.05	NA	1.06 j	0.374	NA	NA
6.19	NA	<0.05	1.13	NA	NA	NA	2.69
6.43	NA	<0.05	1.13	NA	NA	NA	2.78
7.3	NA	<0.05	<1	NA	NA	NA	2.86

6.9 B2	6	<0.05	12	3.09	NA	0.485	2.8
NA	6.44	<0.05	NA	2.29 j	0.527	NA	NA
7.12	NA	<0.05	9.69	NA	NA	NA	2.87
7.18	<5	<0.05	2.04	1.37	NA	0.44	2.88
7.46	NA	<0.05	2	NA	NA	NA	2.94
6.98	NA	<0.05	1.76	NA	NA	NA	2.82
7.5	<5	<0.05	3.9	2.24	NA	0.531	2.93
NA	0.921 j	<0.05	NA	1.62 j	0.528	NA	NA
8.22	NA	<0.05	2.47	NA	NA	NA	3.07
7.93	<5	<0.05	1.33	1.58	NA	NA	2.95
8.33	NA	<0.05	1.25	NA	NA	NA	3.06
6.23 B2	NA	<0.05	1.53	NA	NA	NA	2.67
7.98	7	<0.05	1.03	1.65	NA	NA	3.07
NA	8	<0.05	NA	<5	0.6	NA	NA
7.18	16	<0.05	<1	1.68	NA	0.536	3.07
7.17	NA	<0.05	1.03	NA	NA	NA	3.04
8.77	2.671 j	<0.05	0.825 j	1.25	NA	0.648	3.19
NA	3.53 j	<0.05	NA	<5	0.683	NA	NA
8.53	NA	<0.05	0.909 j	NA	NA	NA	3.06
8.1	<5	<0.05	0.974 j	2.22	NA	0.711	3.04
9.09	NA	<0.05	0.88 j	NA	NA	NA	3.18
9.52	<5	0.023 j	0.678 j	1.46	NA	0.822	3.26
NA	2.43 j	<0.05	NA	2.23 j	0.713	NA	NA
10.1	NA	<0.05	0.864 j	NA	NA	NA	3.31
8.69	<5	NA	0.788 j	NA	NA	0.747	3.09
NA	<5	<0.05	NA	2.01 j	0.714	NA	NA
6.67	NA	<0.05	0.988 j	NA	NA	NA	2.78
5.73	17	NA	1.42	NA	NA	0.536	2.86
NA	<5	<0.05	NA	1.3 j	0.533	NA	NA
NA	**190**	<0.2	NA	NA	NA	NA	NA
NA	44	<0.2	NA	NA	NA	NA	NA
NA	**55**	<0.2	NA	NA	NA	NA	NA
NA	29	<0.2	NA	NA	NA	NA	NA
NA	50	<0.2	NA	NA	NA	NA	NA
NA	40	0.238	NA	NA	NA	NA	NA
NA	35	<0.2	NA	NA	NA	NA	NA
NA	48	<0.2	NA	NA	NA	NA	NA
NA	**54**	<0.2	NA	NA	NA	NA	NA
NA	39	<0.2	NA	NA	NA	NA	NA
NA	**59**	<2	NA	NA	NA	NA	NA
NA	16.3	<0.11	NA	NA	NA	NA	NA
NA	**287**	<0.11	NA	NA	NA	NA	NA
NA	**139**	<0.11	NA	8.8	NA	NA	NA
NA	20.1	<0.054	NA	3.3	NA	NA	NA
NA	29.7	0.07	NA	31.8	NA	NA	NA

NA	5.3	<0.2	NA	18.9	NA	NA	NA
NA	46.7	<0.2	NA	1.8	NA	NA	NA
NA	13.9	<0.2	NA	<5	NA	NA	NA
NA	4.4 JB	<0.2	NA	<5	NA	NA	NA
NA	9 B	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	6	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
47.2	<5	<0.05	<1	2.43	NA	0.26	3.98
NA	1.27 j	<0.006	NA	3.12 j	0.0486	NA	NA
NA	1.9 j	<0.05	NA	3.61 j	0.752	NA	NA
80.4 B2	12	<0.05	1.12	5.42	NA	0.584	7.39
NA	6.41	<0.05	NA	4.7 j	0.611	NA	NA
73.1	<5	<0.05	1.29	5	NA	0.447	6.49 M2
78.2	<5	<0.05	1.17	4.53	NA	0.476	6.69
NA	3.93 j	<0.05	NA	3.22 j	0.371	NA	NA
88.6	<5	<0.05	1.08	5.59	NA	NA	7.28
97.3	<5	<0.05	1.28	5.39	NA	NA	8.4
NA	<5	0.07	NA	<5	1.2	NA	NA
98.7	6	<0.05	1.18	5.6	NA	0.956	8.35
75.2	<5	<0.05	1.11	4.92	NA	0.473	6.03
NA	1.95 j	<0.05	NA	4.31 j	0.48	NA	NA
80.9	2.981 j	<0.05	0.834 j	5.6	NA	0.553	6.09
62.2	<5	0.02 j	0.663 j	3.54	NA	0.373	4.56
NA	<5	<0.05	NA	3.76 j	0.356	NA	NA
58.2	<5	NA	0.465 j	NA	NA	0.309	3.9
NA	<5	<0.05	NA	3.53 j	0.34	NA	NA
69.8	<5	NA	0.67 j	NA	NA	0.543	5.23
NA	<5	<0.05	NA	4.69 j	1.21	NA	NA
152	**60**	<0.05 M2	<1	4.64	NA	<0.01	4.93
159	**176**	<0.05	<1	1.55	NA	<0.01	5.15
159	**173**	<0.05	1.71	1.65	NA	NA	5.02
137	**160**	<0.05	3.46	1.19	NA	NA	4.59 B3
150	**154**	<0.05	3.58	1.5	NA	<0.01	4.86
170	**189**	<0.05	4.88	1.25	NA	<0.01	5.26
175	**141**	<0.05	3.05	1.49	NA	<0.01	4.88
169	**99**	<0.05	3.14	1.61	NA	0.0039 j	4.43
160	**100**	NA	3.07	NA	NA	<0.01	4.43
147	**140**	NA	3.68	NA	NA	0.0041 j	12.9
160	50	<0.05	<1	<1	NA	<0.01	5.19
166	**55**	<0.05	<1	<1	NA	<0.01	4.96
167	**56**	<0.05	<1	<1	NA	NA	4.65

147 M4	**74**	<0.05	<1	<1	NA	NA	4.44 B3
155	**69**	<0.05	<1	<1	NA	<0.01	4.52
175	**63**	<0.05	0.543 j	0.566 j	NA	<0.01	4.51
171	**62**	<0.05	0.224 j	0.566 j	NA	0.0064 j	4.37
169	**57**	<0.05	0.463 j	0.674 j	NA	<0.01	4.25
169	NA	<0.05	0.346 j	NA	NA	NA	4.39
166	**54**	NA	0.228 j	NA	NA	<0.01	4.18
157	NA	<0.05	0.292 j	NA	NA	NA	4.24
155	**60**	NA	0.255 j	NA	NA	<0.01	4.17
130 M4	**3960**	<0.05	2.44	8.23	NA	0.012	1.56
135	**4180**	<0.05	1.34	7.83	NA	<0.01	1.38
133	**3550**	<0.05	<1	6.13	NA	NA	1.19
118	**2900**	<0.05	<1	6.28	NA	NA	1.17 B3
127	**2560**	<0.05	<1	7.45	NA	<0.01	1.14
162	**3490**	<0.05	0.672 j	7.95	NA	<0.01	1.21
166	**3360**	<0.05	0.297 j	7.44	NA	<0.01	1.15
137 M4	**3720**	<0.05	0.288 j	6.61	NA	<0.01	0.982
117 M4	**3030**	NA	0.213 j	NA	NA	<0.01	0.851
99	**2480**	NA	0.257 j	NA	NA	<0.01	0.843
119	**125**	<0.05	<1	3.46	NA	0.013	5.65
123	**310**	<0.05	<1	4.14	NA	<0.01	5.4
126	**693**	<0.05	1.18	4.12	NA	NA	5.34
113	**900**	<0.05	<1	4.43	NA	NA	5.26 B3
114	**799**	<0.05	<1	4.23	NA	<0.01	5.33
135	**1010**	<0.05	0.857 j	4.43	NA	<0.01	5.62
135	**1030**	<0.05	1	4.62	NA	<0.01	5.5
134 B2	**1220**	<0.05	0.921 j	4.92	NA	<0.01	5.43
134	**1310**	NA	0.958 j	NA	NA	0.0041 j	5.36
137	**1160**	NA	0.946 j	NA	NA	<0.01	5.62
71.8	**4750**	<0.05	1.71	<1	NA	0.048	3.47
74.3	**5670**	<0.05	1.71	<1	NA	<0.01	3.43
78.3	**6820**	<0.05	3.61	1.09	NA	NA	3.43
78.8	**8900**	<0.05	1.68	1.7	NA	NA	3.67 B3
73.4	**8450**	<0.05	1.74	<1	NA	0.021	3.69
86.2	**8550**	<0.05	1.5	2.42	NA	0.015	3.62
92.9	**9520**	<0.05	1.24	<1	NA	0.013	3.56
88.6 B2	**10100**	<0.05	1.29	<1	NA	0.031	3.34
93	**11400**	NA	1.22	NA	NA	0.244	3.5
98.2	**12000**	NA	1.32	NA	NA	0.249	3.63
9.65	37	<0.05	2.55	<1	NA	<0.01	2.14
8.99	35	<0.05	2.67	<1	NA	0.01	2.84
9.91	39	<0.05	3.18	<1	NA	NA	4.95
10	**53**	<0.05	3.02	<1	NA	NA	5.34 B3
9.33	**59**	<0.05	3.36	<1	NA	<0.01	5.51
9.18	47	<0.05	3.4	<1	NA	0.0082 j	5.85

9.81	6	<0.05	3.3	<1	NA	0.012	7.02
9.2	**100**	<0.05	3.78	0.587 j	NA	<0.01	6.89
8.75	**93**	NA	3.52	NA	NA	<0.01	5.92
9.06	**93**	NA	3.56	NA	NA	0.0034 j	7.42
142	**2380**	<0.05	<1	6.16	NA	0.482	2.06
146	**1730**	<0.05	<1	5.68	NA	0.528	2.13
139	**982**	<0.05	<1	4.05	NA	NA	1.94
133	**1200**	<0.05	<1	4.42	NA	NA	2 B3
137	**1000**	<0.05	<1	5.01	NA	0.492	1.98
142	**810**	<0.05	0.266 j	3.77	NA	0.758	1.84
142 M4	**617**	<0.05	0.282 j	2.86	NA	0.751	1.76
141	**250**	<0.05	0.334 j	2.88	NA	0.756	1.97
144	**334**	NA	0.11 j	NA	NA	1	1.76
151	**396**	NA	0.189 j	NA	NA	0.864	1.86
19.8	**67**	<0.05	1.56	<1	NA	<0.01	3.85
20.3	**70**	<0.05	2.06	0.703 j	NA	<0.01	4.15
19.6	**68**	<0.05	1.88	0.844 j	NA	0.0065 j	3.91
20.7	**71**	<0.05	1.63	<1	NA	0.0057 j	4.06
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
29.4	**85**	<0.05	<1	<1	NA	<0.01	1.56
25.1	**130**	<0.05	<1	<1	NA	<0.01	1.24

20.8	**100**	<0.05	<1	<1	NA	<0.01	1.47
37.1	**2500**	<0.05	1.19	5.22	NA	0.095	8.6
38.9	**2190**	<0.05	<1	9.67	NA	0.063	8.03
34	**2840**	<0.05	1.19	13.7	NA	0.032	8.63
40.2	**1820**	<0.05	<1	9.72	NA	0.045	9.49
46	**401**	<0.05	<1	4.25	NA	0.033	8.16
44.9	**568**	<0.05	<1	3.71	NA	0.068	8.08
46.4	**660**	<0.05	<1	4.02	NA	0.043	8.75
48.5	**625**	<0.05	<1	4.23	NA	NA	8.32
46.7	**436**	<0.05	<1	4.46	NA	NA	8.3
48.9	**481**	<0.05	<1	3.89	NA	0.05	8.73
51	**533**	<0.05	0.594 j	5.15	NA	0.052	8.78
48.6	**959**	<0.05	0.62 j	7.18	NA	0.047	8.89
51.7	**598**	<0.05	0.823 j	4.11	NA	0.108	8.53
65.8	**166**	NA	0.427 j	NA	NA	0.136	8.06
54.4	**619**	NA	0.378 j	NA	NA	0.05	8.34
35.6	**1480**	<0.05	1.3	<1	NA	0.047	7.74
36.7	**1480**	<0.05	1.26	2.13	NA	0.0035 j	7.35
35.4	**1400**	<0.05	0.95 j	<1	NA	0.005 j	7.2
35.3 M4	**1420**	<0.05	0.899 j	<1	NA	0.0065 j	7.31
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

22.9	24	0.06	<1	<1	NA	0.096	1.8
20.9	32	0.06	<1	<1	NA	0.075	1.31
19.1	22	0.09	<1	<1	NA	0.109	1.64
37	NA	0.13	<1	NA	NA	NA	2.4
31.1	NA	0.16	<1	NA	NA	NA	1.96
19.4	NA	0.14	<1	NA	NA	NA	2.42
73.1	NA	0.12	15.5	NA	NA	NA	4.06
72.8	NA	0.19 M2	11.7	NA	NA	NA	3.9
80.9	NA	0.09 M2	5.08	NA	NA	NA	4.24
114	NA	0.13 M2	<1	NA	NA	NA	5.02
98.8 M4	**123**	0.05	1.56	4.91	NA	NA	4.68
91.7	NA	0.16	1.8	NA	NA	NA	3.73
121	NA	0.1	<1	NA	NA	NA	4.96
117 B3	**118**	0.08 M2	1.01	6.75	NA	NA	5.19
128	**65**	0.1	<1	3.64	NA	<0.01	6.24
143	NA	0.13	<1	NA	NA	NA	5.86
144	**73**	0.13	1.49	4.64	NA	0.025	6.31
139	NA	0.11	1.28	NA	NA	NA	5.85
148	**80**	0.13 M2	0.648 j	3.98	NA	0.016	5.87
142	NA	0.11	0.933 j	NA	NA	NA	6
153	**71**	0.11	0.899 j	7.48	NA	0.012	6.2
137	NA	0.14	0.479 j	NA	NA	NA	5.06
143	**59**	NA	0.721 j	NA	NA	0.085	5.82
155	NA	<0.2	0.563 j	NA	NA	NA	4.98
179	**119**	NA	0.674 j	NA	NA	0.025	6.63
35.3	**888**	<0.05	4.79	1.42	NA	<0.01	7.01
NA	NA	NA	NA	NA	NA	NA	NA
34.1	**1200**	<0.05	2.82	1.27	NA	<0.01	6.02
40.4	**1870**	<0.05	2.15	1.41	NA	<0.01	4.26
33.4	**967**	<0.05	2.26	1.47	NA	0.048	5.01
31.3	**1030**	<0.05	2.04	1.07	NA	0.015	4.47
34.7	**1210**	<0.05	2.44	1.06	NA	<0.01	4.53
39.3	**1540**	<0.05	1.64	<1	NA	<0.01	4.3
47.2	**1590**	<0.05	<1	<1	NA	0.025	3.81
34.9	**987**	<0.05	2.34	<1	NA	NA	4.35
34.8	**1080**	<0.05	2.69	<1	NA	NA	4.06
40.3	**1450**	<0.05	1.96	<1	NA	0.016	4.48
39.6	**1170**	<0.05	1.76	1.17	NA	0.341	4.29
43.5	**1290**	<0.05	1.33	0.551 j	NA	0.184	4
32.3	**805**	<0.05	2.69	0.893 j	NA	<0.01	4.12
30	**364**	NA	2.68	NA	NA	0.258	4.34
29	**853**	NA	3.29	NA	NA	0.03	4.16
157	**189**	<0.05	<1	1.75	NA	0.15	2.89
NA	NA	NA	NA	NA	NA	NA	NA
152	49	<0.05	<1	1.23	NA	0.133	2.76

165	26	<0.05	<1	1.06	NA	0.104	3.02
173	44	<0.05	<1	1.19	NA	0.081	3.31
157	29	<0.05	<1	1.18	NA	0.055	3.25
156	27	<0.05	<1	1.02	NA	0.028	3.05
166	19	0.08	<1	<1	NA	0.044	2.94
171 B2	33	<0.05 M2	<1	1.21	NA	0.041	3.31
168	42	<0.05	<1	1.13	NA	NA	3.24
175	**52**	<0.05	<1	1.64	NA	NA	3.42
175 M4	**65**	0.07	<1	1.65	NA	0.029	3.44
187	**66**	0.045 j	0.326 j	1.43	NA	0.023	3.25
173	39	0.032 j	0.241 j	1.36	NA	0.038	3.17
179	37	0.06	0.354 j	1.29	NA	0.03	3.21
179	35	NA	0.227 j	NA	NA	0.02	3.14
184	43	NA	0.207 j	NA	NA	0.022	3.26
9.39	6	<0.05	6.78	<1	NA	0.033	9.81
NA	NA	NA	NA	NA	NA	NA	NA
8.8	6	<0.05	8.28	<1	NA	0.098	10.5
8.69	9	<0.05	8.78	<1	NA	0.078	10.8
10.1	17	<0.05	8.53	<1	NA	0.156	11
10.5	23	<0.05	9.04	2.21	NA	0.069	10.7
14.3	38	<0.05	8.02	<1	NA	0.16	10.1
15	35	<0.05	7.71	1.23	NA	0.087	10.2
16.3	**58**	<0.05	7.56	1	NA	NA	9.14
15.3	39	<0.05	6.85	<1	NA	NA	9.76
17.6	**58**	<0.05	6.89	1.19	NA	<0.01	9.14
17.2	**52**	<0.05	5.9	0.557 j	NA	0.134	9.94
18.5	35	<0.05	5.75	0.989 j	NA	0.088	8.36
19.9	**98**	<0.05	7.4	0.521 j	NA	0.011	8.29
19.1	**113**	NA	6.22	NA	NA	0.0044 j,S1	8.39
19.5	**92**	NA	6.22	NA	NA	0.016	8.74
14.8	**659**	<0.05	17.5	2.95	NA	0.717	4.44
9.63	**278**	<0.05	13.8	2.61	NA	0.013	3.53
23.3	**62**	<0.05	4.14	<1	NA	<0.01	4.72
NA	NA	NA	NA	NA	NA	NA	NA
24.4	**61**	<0.05	5.72	<1	NA	0.041	5.3
24.1	**67**	<0.05	4.82	<1	NA	0.05	4.71
20.8	**196**	<0.05	4.64	<1	NA	0.026	4.66
28.2	**337**	<0.05	1.78	<1	NA	<0.01	4.49
32	**349**	<0.05	1.16	<1	NA	<0.01	4.72
35.4	**376**	<0.05	1.23	<1	NA	<0.01	4.89
35.9	**403**	<0.05	1.17	<1	NA	NA	4.79
29.9	**207**	<0.05	2.15	<1	NA	NA	4.78
33.1	**296**	<0.05	2.25	<1	NA	0.039	4.92
33.7	**314**	<0.05	1.85	0.622 j	NA	0.023	4.74
35.3	**275**	<0.05	1.87	0.372 j	NA	0.0053 j	4.84

31.9	**447**	<0.05	1.68	<1	NA	<0.01	4.65
33.7	**485**	NA	1.81	NA	NA	0.363	4.82
34.4	**431**	NA	2.32	NA	NA	0.0045 j	4.96
75.8	**540**	<0.05	64.4	5.82	NA	0.143	3.54
NA	NA	NA	NA	NA	NA	NA	NA
5.39	**203**	<0.05	20.7	3.05	NA	0.591	0.174
4.93	47	<0.05	21.5	2.98	NA	0.698	0.173
20.7	**57**	<0.05	20.2	1.76	NA	0.838	2.18
41.6	33	<0.05	8.14	1.22	NA	0.92	1.68
41.7	21	<0.05	6.18	<1	NA	0.763	1.43
44.4	22	<0.05	6.18	<1	NA	0.801	1.55
38.5	8	<0.05	6.04	<1	NA	NA	1.22
40	13	<0.05	4.59	<1	NA	NA	1.24
43.4	19	<0.05	4.7	<1	NA	0.595	1.38
43.7	19	<0.05	4.82	1.04	NA	0.555	1.26
45.4	6	<0.05	4.24	0.874 j	NA	0.463	1.22
43.9	3.075 j	<0.05	4.91	0.861 j	NA	0.309	1.22
39.9	3.034 j	NA	2.75	NA	NA	0.367	1.02
39	4.064 j	NA	2.86	NA	NA	0.362	1.16
NA	NA	NA	NA	NA	NA	NA	NA
21.6	**68**	<0.05	7.28	<1	NA	<0.01	2.06
NA	NA	NA	NA	NA	NA	NA	NA
23.4	**70**	<0.05	4.93	<1	NA	<0.01	2.39
21.7	**83**	<0.05	2.61	<1	NA	<0.01	1.69
22.9	**77**	<0.05	6.74	<1	NA	<0.01	1.83
23.1	**82**	<0.05	4.9	<1	NA	<0.01	1.74
25 M4	**84**	<0.05	3.36	<1	NA	<0.01	1.61
25.1	**80**	<0.05	4.12	<1	NA	NA	1.74
24.4	**84**	<0.05	3.43	<1	NA	NA	1.79
24.2	**96**	<0.05	2.82	<1	NA	<0.01	1.88
26.4	**78**	NA	0.844 j	NA	NA	<0.01	1.64
27.8	**82**	NA	0.932 j	NA	NA	0.0035 j	1.76
23.1	41	<0.05	2.03	1.22	NA	0.269	1.44
NA	NA	NA	NA	NA	NA	NA	NA
21	10	<0.05	<1	<1	NA	0.377	1.37
19.1	5	<0.05	<1	<1	NA	0.196	1.3
19.5	<5	<0.05	<1	<1	NA	0.186	1.33
20.5	<5	<0.05	<1	<1	NA	0.194	1.26
22.2	<5	<0.05	<1	<1	NA	0.238	1.28
19.3 M4	<5	<0.05	<1	<1	NA	NA	1.27
20.7	<5	<0.05	<1	<1	NA	NA	1.36
20.6	5	<0.05	<1	<1	NA	0.242	1.33
18.9	3.533 j	NA	0.246 j	NA	NA	0.161	1.21
18.6	3.745 j	NA	0.304 j	NA	NA	0.206	1.31
15.3	**364**	<0.05	1.52	2.72	NA	0.191	3.04

14.3	**229**	<0.05	2.41	<1	NA	1	2.85
15.8 M4	**389**	<0.05	<1	<1	NA	0.026 M2	3.48
14.4	**337**	<0.05	1.13	<1	NA	<0.01	3.25
13.5	**145**	<0.05	1.51	<1	NA	0.877	3.26
13.2	**128**	<0.05	1.51	<1	NA	1.1	3.24
15.6	**328**	<0.05	1.14	<1	NA	NA	3.38
15.7	**346**	<0.05	1.07	<1	NA	NA	3.42
15.6	**326**	<0.05	1.28	<1	NA	0.053	3.67
11.8	32	<0.05	1.27	<1	NA	1.4	3.3
11.6	17	<0.05	1.1	<1	NA	1.4	2.81
11.8	19	0.019 j	1.24	<1	NA	1.3	2.52
11.7	3.799 j	NA	4.6	NA	NA	1.1	2.55
16	**169**	NA	1.62	NA	NA	<0.01	3.59
23.4	**433**	<0.05	3.8	<1	NA	<0.01	5.66
20.9	**557**	<0.05	4.4	<1	NA	0.054	5.19
18.7 M4	**430**	<0.05	4.51	<1	NA	0.045	5.28
21.4	**740**	<0.05	2.76	1.51	NA	<0.01	4.97
22.8	**697**	<0.05	2.93	<1	NA	<0.01	5.16
23.9	**795**	<0.05	2.57	2.21	NA	<0.01	5.24
24.5	**772**	<0.05	2.52	1.56	NA	NA	5.1
24	**870**	<0.05	2.22	2.48	NA	NA	5.38 B3
23.2	**730**	<0.05	2.86	6.16	NA	<0.01	5.6
24.5	**770**	<0.05	2.44	1.76	NA	0.0081 j	5.49
24.1	**628**	<0.05	2.47	1.32	NA	0.023	5.22
23.4	**741**	<0.05	2.24	0.8 j	NA	<0.01	5.1
24.1	NA	<0.05	1.96	NA	NA	NA	5.12
23.8	**915**	NA	1.8	NA	NA	0.0046 j	5.16
22.7	NA	<0.2	1.76	NA	NA	NA	4.99
22.4	**858**	NA	1.62	NA	NA	0.0063 j	4.82
18	**331**	<0.05	7.04	1.34	NA	0.065	2.46
NA	NA	NA	NA	NA	NA	NA	NA
15.2	**257**	<0.05	5.46	<1	NA	0.021	2.7
15.8	**220**	<0.2	4.2	0.73	NA	0.022	<5
14.6	**250**	<0.05	2.34	<1	NA	0.047	2.38
14.9 M4	**133**	<0.05	1.86	<1	NA	0.04	2.37
14.9	**116**	<0.05	1.89	<1	NA	0.041	2.32
15.2	**114**	<0.05	2.01	<1	NA	0.026	2.39
15.1	**108**	<0.05	1.68	<1	NA	0.013	2.34
15.1	**107**	<0.05	1.11	<1	NA	NA	2.1
16.1	**120**	<0.05	2.17	12.8	NA	NA	2.21 B3
16.6	**124**	<0.05	1.22	1.53	NA	0.03	2.28
16	**112**	<0.05	0.807 j	1	NA	0.016	2.12
17.7	**131**	<0.05	0.547 j	1.2	NA	0.019	2.07
18.7	**139**	0.034 j	0.499 j	0.533 j	NA	0.0051 j	1.98
22.1	NA	<0.05	0.488 j	NA	NA	NA	2.04

21.8	**128**	NA	0.903 j	NA	NA	0.018	2.05
19.8	NA	<0.2	0.423 j	NA	NA	NA	2.04
20	**139**	NA	0.53 j	NA	NA	0.051	2.18
236 M4	**2620**	<0.05	1470	13.4	NA	0.0046 j	12.8
231	**2530**	<0.05	1450 M4	24.9	NA	<0.01	12.9
234 M6	**2440**	<0.1	1960 M6	21	NA	0.0066 j	13.1
239	**2420**	<0.05	1430	15.9	NA	<0.01	12.6
34.6	**312**	<0.05	268	1.32	NA	<0.01	7.74
31.3	**225**	<0.05	261	1.41	NA	<0.01	8.72
15.9	**134**	<0.1	145	<1.2 D3	NA	<0.01	11.8
10.9	**138**	<0.05	70.5	1.37	NA	<0.01	9.41
20.6	**478**	<0.05	24.1	2.44	NA	0.225	9.05
NA	NA	NA	NA	NA	NA	NA	NA
20.8	**840**	<0.05	24.3	<1	NA	0.083	9.28
19	**811**	<0.05	23.3	<1	NA	0.079	9.29
19.8	**752**	<0.05	22.7	<1	NA	0.049	9.21
18.1	**481**	<0.05	19	<1	NA	0.136	8.41
20	NA	<0.05	17.9	NA	NA	NA	8.67
19.7	**518**	<0.05	19.2	<1	NA	0.082	10
18.9	NA	<0.05	18.7	NA	NA	NA	8.98
18.3	**446**	<0.05	18.4	<1	NA	0.152	9.11
19.3	NA	<0.05	18	NA	NA	NA	9.04
17.7	**362**	<0.05	19.6	<1	NA	0.251	7.51
19.3	NA	<0.05	19.8	NA	NA	NA	7.87
19.1	NA	<0.05	17	NA	NA	NA	8.24
18.1	**333**	<0.05	16.3	<1	NA	0.213	8.1
19.1	NA	<0.05	15	NA	NA	NA	8.13
18.2	**352**	<0.05	14.1	<1	NA	0.229	7.65
18.8	NA	<0.05	14	NA	NA	NA	8.09
17.5	**289**	<0.05	13.4	<1	NA	NA	7
18	NA	<0.05	14.1	NA	NA	NA	7.18
18.1	NA	<0.05	13.1	NA	NA	NA	7.16
18	**199**	<0.05	11.8	<1	NA	NA	7.06
17.6	**239**	<0.05	12	<1	NA	0.254	6.64
18.3	NA	<0.05	11.9	NA	NA	NA	6.32
18.1	**246**	<0.05	11.5	<1	NA	0.238	6.86
18.3	NA	<0.05	11.9	NA	NA	NA	6.73
17.9	**191**	<0.05	10.8	0.34 j	NA	0.257	6.5
17.7	NA	<0.05	10.3	NA	NA	NA	6.14
18.3 B2	**135**	0.026 j	10.4	<1	NA	0.273	6.35
18.7	NA	<0.05	10.7	NA	NA	NA	6.19
18.8	**122**	NA	10.4	NA	NA	0.285	6.31
19.3	NA	<0.2	10.5	NA	NA	NA	6.29
19.9	**94**	NA	9.35	NA	NA	0.385	6.48
20.7	**308**	<0.05	1.07	<1	NA	<0.01	5.57

NA	NA	NA	NA	NA	NA	NA	NA
20.4	**311**	<0.05	1.28	<1	NA	<0.01	5.48
27.7	NA	<0.05	1.01	NA	NA	NA	6.79
32.8	NA	<0.05	1.23	NA	NA	NA	6.54
31.5	**72**	<0.05	<1	2.2	NA	0.587	6.44
32.1	NA	<0.05	<1	NA	NA	NA	6.47
26.6	45	<0.05	7.02	2.14	NA	0.29	6.9
25.5	NA	<0.05	8.03	NA	NA	NA	6.8
30	NA	<0.05	3.1	NA	NA	NA	6.2
30.3	**52**	<0.05	1.43	3.19	NA	0.525	6.28
30.7	NA	<0.05	1.49	NA	NA	NA	6.22
33.2 M4	44	<0.05	2.61	4.44	NA	0.595	6.62
35.6	NA	<0.05	2.23	NA	NA	NA	6.62
31.1	35	<0.05	7.13	2.63	NA	NA	7.39
32	NA	<0.05	4.9	NA	NA	NA	7.17
32	NA	<0.05	1.55	NA	NA	NA	5.99
29.7	48	<0.05	2.75	2.1	NA	NA	6.52 B3
29.1	**62**	<0.05	3.87	2.12	NA	0.246	6.78
28.7	NA	<0.05	3.56	NA	NA	NA	6.59
32	46	<0.05	3.34	2.69	NA	0.517	6.5
30.4	NA	<0.05	4.47	NA	NA	NA	6.94
30.4	23	<0.05	4.35	1.8	NA	0.484	7.39
31.6	NA	<0.05	0.876 j	NA	NA	NA	6.06
33.1	33	<0.05	0.781 j	2.92	NA	0.536	6.18
30.9	NA	<0.05	1.28	NA	NA	NA	6.03
31.7	23	NA	2.5	NA	NA	0.549	7.07
32.9	NA	<0.05	0.781 j	NA	NA	NA	6.13
31.8	23	NA	0.929 j	NA	NA	0.533	6.36
22.2	NA	<0.05	3.75	NA	NA	NA	2.92
24.6	NA	<0.05	6.23	NA	NA	NA	3.8
27	NA	<0.05	5.46	NA	NA	NA	3.88
27.6	NA	<0.05	25.3	NA	NA	NA	3.98
24.8	NA	<0.05	4.67	NA	NA	NA	3.8
26.1	**1640**	<0.05	2.65	2.84	NA	NA	3.65
25.6	NA	<0.05	3.86	NA	NA	NA	3.76
25.9	NA	<0.05	2.42	NA	NA	NA	3.67
25.9	NA	<0.05	4.27	NA	NA	NA	3.58
23.8 B2	NA	<0.05	4.26	NA	NA	NA	3.56
24.6	**1400**	<0.05	3.33	2	NA	NA	3.78 B3
24.2	**1390**	<0.05	2.24	2.42	NA	0.194	3.7
24	NA	<0.05	2.17	NA	NA	NA	3.68
23.3	**1170**	<0.05	1.76	2.47	NA	0.23	3.4
23.1	NA	<0.05	1.56	NA	NA	NA	3.31
23.9	**1230**	<0.05	1.41	2.74	NA	0.241	3.49
22.4	NA	<0.05	1.28	NA	NA	NA	3.28

23	**1390**	<0.05	1.24	2.61	NA	0.165	3.35
22.7	NA	<0.05	1.03	NA	NA	NA	3.19
22.8	**961**	NA	0.965 j	NA	NA	0.276	3.13
22.5	NA	<0.05	0.911 j	NA	NA	NA	3.12
22.6	**769**	NA	0.932 j	NA	NA	0.394	3.21
17.2	**893**	<0.05	2.54	<1	NA	<0.01	5.2
NA	NA	NA	NA	NA	NA	NA	NA
17.7	**1050**	<0.05	1.49	<1	NA	<0.01 M2	5.24
18.7	**1070**	<0.05	3.97	<1	NA	NA	5.44
19.6	**1300**	<0.05	5.87	<1	NA	NA	5.82 B3
20	**1240**	<0.05	5.62	<1	NA	<0.01	5.84
20.8	**1230**	<0.05	5.73	<1	NA	0.0069 j,M2	5.99
21.7	**1270**	<0.05	5.61	0.646 j	NA	0.0054 j	5.86
19.4	**1200**	0.023 j	6.69	<1	NA	<0.01	5.56
19.2	**1160**	NA	2.85	NA	NA	0.011	5.35
18.7	**1130**	NA	3.27	NA	NA	0.0092 j	5.2
20	**1140**	<0.05	1.33	1.22	NA	0.17	4.82
20.4	**1080**	<0.05	1.35	1.06	NA	0.018	5.33
20.7	**1300**	<0.2	0.82	0.78	NA	<0.02	5.19
23.3	**1200**	<0.05	1.09	1.07	NA	0.017	5.6
19.9	**803**	<0.05	<1	1.25	NA	0.099	4.9
NA	NA	NA	NA	NA	NA	NA	NA
20.3	NA	<0.05	<1	NA	NA	NA	4.54
21.4	**527**	<0.05	1.04	1.74	NA	0.096	5.02
21.3	NA	<0.05	1.06	NA	NA	NA	4.59
21.8	**532**	<0.05	1.16	2.96	NA	0.197	4.82
18.4	NA	<0.05	1.16	NA	NA	NA	4.64
19.1	**222**	<0.05	5.64	2.75	NA	0.226	3.89
19.3	NA	<0.05	5.39	NA	NA	NA	3.84
21.6	NA	<0.05	3.31	NA	NA	NA	4.12
22	**226**	<0.05	2.84	2.42	NA	0.238	4.35
21	NA	<0.05	2.2	NA	NA	NA	4.46
22.5	**189**	<0.05	1.51	1.86	NA	0.286	4.26
23.5	NA	<0.05	2.05	NA	NA	NA	4.62
19.6	**177**	<0.05	2.34	1.98	NA	NA	4.13
20.2	NA	<0.05	2.3	NA	NA	NA	4.23
21.7	NA	<0.05	2.87	NA	NA	NA	4.43
20.5	**160**	<0.05	2.58	2.37	NA	NA	4.35
19.2	**147**	<0.05	1.47	2.15	NA	0.288	4.03
19.1	NA	<0.05	1.4	NA	NA	NA	3.95
22.2	**160**	<0.05	2.35	2.4	NA	0.28	4.53
19.7	NA	<0.05	1.34	NA	NA	NA	3.65
20.9	**155**	<0.05	3.12	2.08	NA	0.268	4.65
20.2	NA	<0.05	1.22	NA	NA	NA	3.68
21.8 B2	**141**	0.027 j	1.15	1.38	NA	0.277	4.42

21.8	NA	<0.05	1.07	NA	NA	NA	3.95
21.2	**102**	NA	0.996 j	NA	NA	0.302	3.92
18	NA	<0.05	1.79	NA	NA	NA	3.62
19.2	**176**	NA	2.46	NA	NA	0.231	4.42
29.3	**328**	<0.05	1.43	<1	NA	<0.01	5.52
28	**395**	<0.05	4.27	84.7	NA	0.017	6.12
27.8	**340**	<0.2	1	2.5	NA	<0.02	7.93
27.2	**291**	<0.05	1.44	1.8	NA	0.014	7.19
29.4	**286**	<0.05	1.39	2.72	NA	<0.01	6.53
28.6	**281**	<0.05	4.84	<1	NA	<0.01	8.52
27.4	**350**	<0.05	1.49	2.06	NA	<0.01	7.23
26	**348**	<0.05	1.44	4.92	NA	<0.01 M2	6.7
29.7	**304**	<0.05	1.53	1.57	NA	<0.01	6.52
27.6	**291**	<0.05	1.42	1.33	NA	0.016	6.32
26.8	**273**	<0.05	2.52	2.06	NA	NA	6.68
26.2	**229**	<0.05	2.48	1.03	NA	NA	6.74
27.2	**314**	<0.05	1.87	1.21	NA	0.025	6.66
28.2	**352**	<0.05	1.74	1.15	NA	0.013	6.37
28.5	**397**	<0.05	3.08	1.05	NA	0.0035 j	6.16
30	**353**	0.018 j	4.04	<1	NA	<0.01	6.38
31.2	**384**	NA	2.73	NA	NA	0.012 S1	6.31
29.4	**418**	NA	2.46	NA	NA	0.0077 j	6.56
20.6 M4	**182**	<0.05	2.42	3.43	NA	0.104	4.88
20.3 B1	**140**	<0.05	2.1	3.16	NA	0.13	4.92
20.6	**66**	<0.05	2.22	1.7	NA	<0.01	4.66
15.2	36	<0.05	6.54	1.39	NA	<0.01	6.5
10.6	30	<0.05	10.8	1.42	NA	0.027	7.88
8.52	19	<0.2	11	0.61	NA	<0.02	8.14
7.76	10	<0.05	13.8	<1	NA	0.01	7.58
8.44	29	<0.05	9.14	1.24	NA	<0.01	6.05
12.5	NA	<0.05	8.74	NA	NA	NA	5.52
8.71	25	<0.05	20.9	<1	NA	<0.01	5.51
7.73	NA	<0.05	19.5	NA	NA	NA	4.84
10.8	35	<0.05	9.47	<1	NA	<0.01	5.03
13.2	NA	<0.05	12.5	NA	NA	NA	4.67
16.6	47	<0.05	16.8	1.86	NA	<0.01	4.59
18.7	NA	<0.05	15.5	NA	NA	NA	4.92
13.6	NA	<0.05	19.7	NA	NA	NA	5.01
15.2	49	<0.05	11.4	1.18	NA	<0.01	5.03
12.4	NA	<0.05	15.1	NA	NA	NA	5.26
15.9	49	<0.05	6.05	<1	NA	<0.01	5
15	NA	<0.05	11.4	NA	NA	NA	5.46
18.5	**53**	<0.05	7.17	1.43	NA	NA	5.66
17.9	NA	<0.05	7.39	NA	NA	NA	5.88
15	NA	<0.05	13.2	NA	NA	NA	5.06

16.3	43	<0.05	6.42	<1	NA	NA	5.76
14.9	33	<0.05	14.9	1.47	NA	0.02	8.51
15.5	NA	<0.05	14.9	NA	NA	NA	8.56
14.5	36	<0.05	15.1	0.631 j	NA	0.151	5.43
15.2	NA	<0.05	10.5	NA	NA	NA	4.81
14.2	38	<0.05	12.1	0.698 j	NA	0.013	6.14
15.1	NA	<0.05	7.69	NA	NA	NA	6.1
15.2	41	0.025 j	11.3	0.402 j	NA	0.033	7.74
16.7	NA	<0.05	7.42	NA	NA	NA	4.86
14.9	30	NA	9.13	NA	NA	0.025	6.82
13.9	NA	<0.2	12.6	NA	NA	NA	7.79
14.7	35	NA	12.9	NA	NA	0.016	8.6
26.6	**316**	<0.05	1.11	20.8	NA	2.9	1.09
27.7	**80**	<0.05	<1	16.7	NA	3.4	1.11
26.6	45	<0.2	<0.5	13.3	NA	3.3	<5
24.3	48	<0.05	<1	15.2	NA	3	<1
28.3	NA	<0.05	<1	NA	NA	NA	1.04
28	23	<0.05	<1	11.5	NA	3.6	1.05
28.7	22	<0.05	<1	11.9	NA	3.5	1.08
26.4	NA	<0.05	<1	NA	NA	NA	1
26.7	18	<0.05	<1	10.9	NA	3	1.04
19.2	NA	<0.05	<1	NA	NA	NA	0.989
25.6	18	<0.05	1.56	11.1	NA	3.2	1.02
27.4	NA	<0.05	1.62	NA	NA	NA	1.08
27.5	NA	<0.05	<1	NA	NA	NA	1.06
27.7	8	<0.05	1.78	9.12	NA	3.4	1.11
27.1	NA	<0.05	1.46	NA	NA	NA	1.02
27.6	<5	<0.05	<1	8.62	NA	3.7	1.04
27.2	NA	<0.05	<1	NA	NA	NA	1.05
27.5	<5	<0.05	<1	8.51	NA	NA	1.01
28	NA	<0.05	<1	NA	NA	NA	1.04
27.5	NA	<0.05	<1	NA	NA	NA	0.988
25.9	<5	<0.05	<1	8.02	NA	NA	1.03
27.8	<5	<0.05	<1	7.69	NA	3.6	1.06
26.9	NA	<0.05	<1	NA	NA	NA	1.06
28.6	4.561 j	<0.05	1.78	7.91	NA	3.8	1.06
25.3 M4	NA	<0.05	0.174 j	NA	NA	NA	0.974
27.3	<5	<0.05	0.173 j	6.6	NA	4	0.99
27	NA	<0.05	0.207 j	NA	NA	NA	1.04
25.1	<5	0.024 j	0.147 j	6.03	NA	3.7	0.964
27.2	NA	<0.05	0.16 j	NA	NA	NA	1.01
27.7	3.346 j	NA	0.102 j	NA	NA	4.2	1.09
26.2	NA	<0.2	0.201 j	NA	NA	NA	0.962
26.2	12	NA	0.186 j	NA	NA	3.3	1.02
24.9	**272**	<0.05	2.29	1.13	NA	0.042	4.13

NA	NA	NA	NA	NA	NA	NA	NA
25.1	**182**	<0.05	1.35	1.38	NA	0.024	4.54
23.8	**170**	<0.2	0.94	1.5	NA	0.062	<5
23.5	**138**	<0.05	<1	1.22	NA	0.078	3.89
24.7	NA	<0.05	<1	NA	NA	NA	3.87
24.3	NA	<0.05	<1	NA	NA	NA	3.94
23	NA	<0.05	<1	NA	NA	NA	4.01
22.7	**69**	<0.05	3.13	1.25	NA	0.098	3.65
24.3	NA	<0.05	5.62	NA	NA	NA	3.72
23.8	NA	<0.05	1.67	NA	NA	NA	3.87
22.9	NA	<0.05	1.25	NA	NA	NA	3.66
24.9	NA	<0.05	1.42	NA	NA	NA	3.81
20.9	43	<0.05	<1	<1	NA	NA	3.62
23.5	NA	<0.05	<1	NA	NA	NA	3.61
23.6	NA	<0.05	1.3	NA	NA	NA	3.6
22.5	27	<0.05	1.27	<1	NA	NA	3.88
23.9	**93**	<0.05	1.2	1.45	NA	0.064	3.9
23.3	NA	<0.05	<1	NA	NA	NA	3.82
23.9	34	<0.05	1.06	0.73 j	NA	0.076 M2	3.79
21.5	NA	<0.05	0.904 j	NA	NA	NA	3.54
23.2	19	<0.05	0.815 j	0.635 j	NA	0.075	3.84
21.7	NA	<0.05	0.756 j	NA	NA	NA	3.4
21.6 B2	9	0.024 j	0.801 j	0.374 j	NA	0.082	3.53
23	NA	<0.05	0.833 j	NA	NA	NA	3.65
22.5	10	NA	0.726 j	NA	NA	0.103	3.59
22.4	NA	<0.05	0.745 j	NA	NA	NA	3.83
23.9	**57**	NA	1.44	NA	NA	0.063	4.07
20.5	**354**	<0.05	2.09	<1	NA	0.014	4.95
19 M4	**328**	<0.05	3.16	1.13	NA	0.017	5.32
20.2	**320**	<0.2	2.9	1.7	NA	<0.02	7.05
20.1	**359**	<0.05	2.75	<1	NA	0.011	4.6
18.9	**341**	<0.05	4.36	12.2	NA	<0.01	4.57
21	NA	<0.05	2.73	NA	NA	NA	4.56
20.4	**319**	<0.05	2.99	1.91	NA	<0.01	5.21
19.6	NA	<0.05	2.82	NA	NA	NA	4.57
19.3	**374**	<0.05	2.46	6.25	NA	<0.01	4.5
18.5	NA	<0.05	2.42	NA	NA	NA	4.53
19.4	**302**	<0.05	18	2.57	NA	<0.01	4.36
17.9	NA	<0.05	23.9	NA	NA	NA	4.06
21.9	NA	<0.05	13.3	NA	NA	NA	4.35
21	**392**	<0.05	9.28	<1	NA	<0.01	4.29
21	NA	<0.05	5.9	NA	NA	NA	4.13
19.7 M4	**285**	<0.05	7	<1	NA	<0.01	4.21
23.2	NA	<0.05	4.06	NA	NA	NA	4.35
19.1	**150**	<0.05	10.1	<1	NA	NA	4.38

19.6	NA	<0.05	10.3	NA	NA	NA	4.45
21.2	NA	<0.05	4.87	NA	NA	NA	4.05
19.9	**237**	<0.05	3.75	<1	NA	NA	4.18
19.3	**222**	<0.05	3.72	<1	NA	<0.01	4.31
19.3	NA	<0.05	3.61	NA	NA	NA	4.29
20.6	**288**	<0.05	2.74	<1	NA	0.0039 j	4.05
20	NA	<0.05	2.52	NA	NA	NA	4.07
21.6	**341**	<0.05	2.24	<1	NA	0.0036 j	4.14
20.1	NA	<0.05	2.74	NA	NA	NA	4.07
19.7	**181**	0.022 j	2.34	0.505 j	NA	<0.01	4.01
20.2	NA	<0.05	2.83	NA	NA	NA	4.04
20.2	**227**	NA	2.82	NA	NA	<0.01	4.14
19.5	NA	<0.05	3.5	NA	NA	NA	4.07
20.3	**308**	NA	3.68	NA	NA	0.015	4.17
19.7	**789**	<0.05	7.62	<1	NA	<0.01	4.59
NA	NA	NA	NA	NA	NA	NA	NA
19.5	**475**	<0.05	10.5	<1	NA	<0.01	5.75
20	**660**	<0.2	6.3	0.7	NA	<0.02	<5
21.7	**874**	<0.05	4.92	2.11	NA	<0.01	4.52
22.7	**819**	<0.05	2.98	<1	NA	<0.01	10.4
18.8	NA	<0.05	3.6	NA	NA	NA	20.9
18.7	**795**	<0.05	3.06	<1	NA	<0.01 M2	26.7
18.7	NA	<0.05	2.82	NA	NA	NA	24.7
13.1	**360**	<0.05	6.32	<1	NA	<0.01	26.3
13.8	NA	<0.05	6.6	NA	NA	NA	28.3
22.1	**871**	<0.05	3.23	<1	NA	<0.01	6.1
23.1	NA	<0.05	3.13	NA	NA	NA	5.77
23.4	NA	<0.05	3.42	NA	NA	NA	5.98
22.9	**902**	<0.05	4.67	<1	NA	<0.01	8.74
23.1	NA	<0.05	3.5	NA	NA	NA	7.1
21.8	**937**	<0.05	4.32	<1	NA	<0.01	7.19
23.5	NA	<0.05	3.95	NA	NA	NA	8.68
23.9	**941**	<0.05	3.25	<1	NA	NA	7.33
21.8	NA	<0.05	3.35	NA	NA	NA	7.66
23.1	NA	<0.05	5.14	NA	NA	NA	9.77
20.4	**662**	<0.05	6.75	<1	NA	NA	10.6
23.9	**838**	<0.05	4.06	<1	NA	<0.01	8.06
23.8	NA	<0.05	4.01	NA	NA	NA	7.99
24.1	**782**	<0.05	3.59	0.351 j	NA	<0.01	7.86
21.2	NA	<0.05	4.2	NA	NA	NA	9.98
24.5	**833**	<0.05	3.09	0.424 j	NA	<0.01	8.1
24.8	NA	<0.05	3.43	NA	NA	NA	9.93
21.1	**811**	0.022 j	4.86	0.463 j	NA	<0.01	12.8
24	NA	<0.05	2.98	NA	NA	NA	12.3
21.9	**621**	NA	3.08	NA	NA	0.0042 j	16.5

21.7	NA	<0.2	3.29	NA	NA	NA	17.3
16.6	**330**	NA	4.77	NA	NA	0.0082 j	48.2
2.68	<5	<0.05	36.1	<1	NA	0.017	16.1
NA	NA	NA	NA	NA	NA	NA	NA
35	**182**	<0.05	14	<1	NA	0.049	6.36
49.6 M1	**820**	<0.2	8.1	1	NA	0.27	5.48 M1
42.3	**978**	<0.05	6.08	<1	NA	0.198	2.96
37.7	NA	<0.05	9.87	NA	NA	NA	4.21
41.9	**1040**	<0.05	7.03	2.96	NA	0.207	4.12
44.5	**632**	<0.05	1.44	4.13	NA	0.102	4.28
40.8	NA	<0.05	1.39	NA	NA	NA	3.77
40.4	**405**	<0.05	4.17	<1	NA	0.125	3.87
42.4	NA	<0.05	4.2	NA	NA	NA	3.86
40.5	**525**	<0.05	15.2	1.58	NA	0.192	3.79
42.4	NA	<0.05	16.5	NA	NA	NA	4.04
44.1	NA	<0.05	6.61	NA	NA	NA	3.63
39.7 M4	**305**	<0.05	14.9	<1	NA	0.209	4.13
40.3	NA	<0.05	5.01	NA	NA	NA	3.81
44.7	**196**	<0.05	3.39	<1	NA	0.232	3.52
40.4	NA	<0.05	5.28	NA	NA	NA	3.78
43.6	**260**	<0.05	2.48	<1	NA	NA	3.16
43.5	NA	<0.05	2.39	NA	NA	NA	3.24
40.6	NA	<0.05	2.4	NA	NA	NA	3.03
40.6	**82**	<0.05	2.53	<1	NA	NA	3.21
41.4	45	<0.05	3.32	<1	NA	0.329	3.35
39.1	NA	<0.05	3.31	NA	NA	NA	3.19
39.5	16	<0.05	4.94	0.751 j	NA	0.265	3.54
40.6	NA	<0.05	2.12	NA	NA	NA	2.95
44.8	**86**	<0.05	1.71	2.35	NA	0.263	2.96
41.5	NA	<0.05	1.36	NA	NA	NA	2.83
28 B2	**93**	0.024 j	4.06	1.65	NA	0.227	3.6
37.1	NA	<0.05	2.14	NA	NA	NA	2.94
35.6	20	NA	2.03	NA	NA	0.205	2.83
36	NA	<0.2	1.93	NA	NA	NA	2.58
34.2	11	NA	3.34	NA	NA	0.386	2.79
13	**1180**	<0.05	5.08	<1	NA	<0.01	6.49
14	**1200**	<0.05	5.08	<1	NA	<0.01	7.31
14.3 M4	**1050**	<0.05	5.41	<1	NA	<0.01	6.46
15 B1	**1010**	<0.05	8.54	<1	NA	<0.02	5.96
17	**1110**	<0.05	7.39	<1	NA	<0.01	6.28
16.2	**1040**	<0.05	7.37	<1	NA	0.011	6.32
15.5	**916**	<0.05	5.89	<1	NA	NA	6.12
19.8	**1200**	<0.05	4.07	<1	NA	NA	6.32 B3
20.7	**1510**	<0.05	2.32	<1	NA	0.014	6.63
22	**1340**	<0.05	2.31	0.457 j	NA	0.0097 j	6.68

21.3	**1440**	<0.05	3.9	<1	NA	0.013	6.36
21.3 B2	**1470**	0.023 j	2.64	<1	NA	<0.01	6.18
22.4	**1510**	NA	3.46	NA	NA	0.019	6.37
22.6	**1580**	NA	3.14	NA	NA	0.011	6.45
110	**1800**	<0.05	1.97	1.29	NA	<0.01	14.4
110	**1860**	<0.05	2.13	2.36	NA	<0.01	14.2
114 M4	**1880**	<0.05	1.72	1.47	NA	<0.01	13.5
126	**2100**	<0.05	1.73	1.82	NA	<0.01	15.1
156	**1690**	<0.05	2.91	0.855 j	NA	0.01	15.1
148	**1620**	<0.05	2.22	1.99	NA	0.011	14.1
159	**1890**	<0.05	1.28	1.03	NA	0.011 S1	13.8
162	**1520**	<0.05	1.74	0.931 j	NA	0.0098 j	14
257	**3140**	<0.05	2.04	3.25	NA	0.0061 j	18
235	**2940**	<0.05	1.29	4.89	NA	0.015	19
259	**2150**	<0.05	1.69	2.12	NA	0.012 M2	18.8
253	**3010**	0.02 j	0.345 j	1.59	NA	0.01	22.1
43	**459**	<0.05	4.31	0.653 j	NA	0.0082 j	8.76
36.8	**402**	<0.05	4.15	9.12	NA	<0.01	7.51
35.5	**382**	<0.05	1.55	<1	NA	0.0046 j	6.99
38.3	**428**	<0.05	1.26	<1	NA	0.03	7.56
78	**568**	<0.05	2.3	<1	NA	<0.01	9.89
85.9	**785**	<0.05	1.99	0.655 j	NA	0.0081 j	10.1
87.7	**828**	<0.05	1.28	0.468 j	NA	<0.01	9.91
104	**928**	<0.05	0.885 j	<1	NA	<0.01	9.92
82.6	**789**	<0.05	4.44	0.438 j	NA	<0.01	9.35
72.7	**901**	<0.05	1.27	0.404 j	NA	0.0053 j	12.1
76.8	**773**	<0.05	1.02	0.613 j	NA	<0.01	10.1
73.8	**868**	<0.05	0.229 j	2.92	NA	<0.01	11.8
5.59	**295**	<0.05	1.33	<1	NA	<0.01	3.03
5.68	**289**	<0.05	1.39	<1	NA	0.013	3.06
5.98	**292**	<0.05	1.48	<1	NA	<0.01	3.18
5.99 M4	**318**	<0.05	1.53	<1	NA	<0.01	3.09
5.91 B1	**307**	<0.05	1.35	<1	NA	<0.02	3.08
6.64	**356**	<0.05	1.3	<1	NA	<0.01	3.32
6.65	**346**	<0.05	1.28	<1	NA	<0.01	3.28
6.61	**354**	<0.05	1.23	<1	NA	NA	3.27
6.53	**333**	<0.05	1.11	<1	NA	NA	3.32
7.1	**391**	<0.05	1.11	<1	NA	<0.01	3.5
7.25	**413**	<0.05	1.1	<1	NA	<0.01	3.45
7.64	**437**	<0.05	1.03	<1	NA	0.0039 j	3.55
7.3	**406**	<0.05	1.11	<1	NA	<0.01	3.44
7.53	NA	<0.05	1.1	NA	NA	NA	3.44
7.52	**415**	NA	1.09	NA	NA	<0.01	3.54
7.21	NA	<0.05	1.14	NA	NA	NA	3.44
7.33	**412**	NA	1.11	NA	NA	<0.01	3.43

NA	NA	NA	NA	NA	NA	0.012	NA
2.85	<5	<0.05	4.86	1.6	NA	0.013	12.7
10.9	**97**	<0.05	5.38	0.382 j	NA	0.0061 j	6.89
11.5	**101**	<0.05	8.92	0.359 j	NA	0.0041 j	11.5
12.5	**129**	0.029 j	18.6	<1	NA	<0.01	23.2
14.7	**159**	<0.05	26.7	0.654 j	NA	0.014	33.7
16.7	**200**	NA	37.8	NA	NA	<0.01	45.8
17.7	**209**	<0.05	47	0.463 j	NA	0.0086 j	62.2
18.3 M4	**188**	NA	54.3	NA	NA	0.124	72.1 M4
57.5	**1420**	<0.05	8.45	2.72	NA	0.355	10.9
55.6	**1250**	<0.05	8.84	2.76	NA	0.175	10.3
57.3 M4	**2080**	<0.05	8.73	<1	NA	<0.01	9.91
55.3	**2190**	<0.05	8.57	2	NA	0.124	9.35
58	**2550**	<0.05	9.25	<1	NA	<0.01	9.72 M2
63.4 B2	**2030**	<0.05	8.86	1.54	NA	0.017	10
67.5	**1360**	<0.05	5.82	2.79	NA	NA	9.6
66.8	**988**	<0.05	5.45	2.86	NA	NA	10.2
67.7	**1140**	<0.05	7.84	2.68	NA	0.248	9.15
66.4	**479**	<0.05	3.93	2.32	NA	0.253	9.54
70.7	**488**	<0.05	3.3	2.17	NA	0.222	10.1
69.4 B2	**355**	<0.05	2.46	1.62	NA	0.654	8.97
58.2	**373**	NA	3.03	NA	NA	2.3	8.77
64.5	**368**	NA	2.73	NA	NA	1.3	9.35
0.265 M4	6	<0.05	8.52	<1	NA	<0.01	129
93.1	**1250**	<0.05	<1	1.92	NA	0.939	3.2
90.6	**1790**	<0.05	<1	2.11	NA	0.568	2.74
97.1 M4	**3860**	<0.05	<1	2.44	NA	<0.01	2.18
102	**3190**	<0.05	<1	2.35	NA	0.027	2.87
102 M4	**2150**	<0.05	<1	1.84	NA	0.774	6.11 M2
78 B2	**2160**	<0.05	<1	2.24	NA	<0.01	2.5
102	**2190**	<0.05	<1	2	NA	NA	2.13
97.6	**2190**	<0.05	<1	2.62	NA	NA	1.97
103	**2670**	<0.05	<1	2.63	NA	<0.01	1.96
108	**1080**	<0.05	0.559 j	1.59	NA	2	2.21
98.2	**1610**	<0.05	0.389 j	2.24	NA	0.274	2.24
60.1 B2	**1020**	<0.05	0.291 j	1.53	NA	0.04	2.67
56.1	**949**	NA	0.215 j	NA	NA	0.02	2.78
73.3	**1570**	NA	0.29 j	NA	NA	0.0066 j	2.55
8.38	**380**	<0.05	2.74	2.7	NA	<0.01	5.91
0.557	7	<0.05	4.36	<1	NA	<0.01	116
0.079 M4	<5	<0.05	3.72	1.63	NA	0.016	134
0.186	<5	<0.05	3.03	<1	NA	<0.01	23.6
6.33	**84**	<0.05	3.38	<1	NA	0.131	2.98
6.27	**68**	<0.05	3.08	<1	NA	0.197	2.53
6.04	45	<0.05	3.15	<1	NA	NA	2.64

5.56	35	<0.05	2.92	<1	NA	NA	2.34
5.83	29	<0.05	2.57	<1	NA	0.123	2.34
5.64	36	<0.05	2.57	0.364 j	NA	0.039	2.22
5.75	29	<0.05	2.28	<1	NA	0.162	2.23
5.48	24	0.021 j	2.16	<1	NA	0.186	2.14
5.77	NA	<0.05	2.18	NA	NA	NA	2.24
5.41	27	NA	2.08	NA	NA	0.108	2.17
5.38	NA	<0.2	2.47	NA	NA	NA	2.16
5.55	28	NA	2.05	NA	NA	0.133	2.25
8.92	48	<0.05	1.58	<1	NA	<0.01	2.38
9.74	**81**	<0.05	2.23	1.78	NA	<0.01	3
9.31 M4	**179**	<0.05	3.68	2.26	NA	<0.01	3.7
8.74 B1	**106**	<0.05	2.71	2.08	NA	<0.02	3.66
9.18	**96**	<0.05	2.17	1.13	NA	<0.01	3.24
8.88	<5	<0.05	4.93	<1	NA	<0.01	5.56
8.97	**102**	<0.05	3.26	1.52	NA	NA	3.53
8.23	**124**	<0.05	7.77	6.03	NA	NA	4.04
8.56	**139**	<0.05	9.52	2.48	NA	<0.01	5.31
8.37	**149**	<0.05	9.44	2.14	NA	<0.01	4.26
8.12	**105**	<0.05	9.44	1.98	NA	0.014	9.11
8.14 B2	**115**	0.029 j	10.5	<1	NA	<0.01	3.65
8.43	**123**	NA	12.8	NA	NA	<0.01	3.42
8.52	**149**	NA	12.7	NA	NA	0.0037 j	3.27
23.4	**544**	<0.05	1.11	9.57	NA	<0.01	6
27.5	**553**	<0.05	<1	4.22	NA	<0.01	6.48
57.9 M4	**609**	<0.05	1.3	5.72	NA	<0.01	6.51
23.3 B1	**569**	<0.05	1.11	3.47	NA	<0.02	6.39
25.5	**670**	<0.05	2.72	22.8	NA	<0.01	6.77
25.9	**588**	<0.05	1.49	<1	NA	<0.01	6.58
26	**607**	<0.05	2.72	1.35	NA	NA	6.61
23.9	**558**	<0.05	3.54	2.72	NA	NA	6.68
24.3	**592**	<0.05	4.95	3.63	NA	<0.01	7.03
24.5	**587**	<0.05	3.66	1.76	NA	<0.01	6.43
27.6	**583**	<0.05	4.83	0.776 j	NA	0.0055 j	6.82
23.6	**569**	<0.05	4.89	<1	NA	<0.01	6.43
43.7	**594**	<0.05	4.67	1.28	NA	0.012	8.01
42.9	**587**	<0.05	6.13	1.23	NA	<0.01	8.91
39.9 M4	**638**	<0.05	7.14	1.07	NA	<0.01	8.56
38.9	**601**	<0.05	7.13	<1	NA	<0.01	8.22
39.3	**562**	<0.05	8.66	<1	NA	<0.01	8.12
39	**564**	<0.05	8.49	<1	NA	<0.01	8.03
37.1	**547**	<0.05	11.8	<1	NA	NA	7.72
33.1	**522**	<0.05	12.5	1.11	NA	NA	7.78
34	**527**	<0.05	15.7	<1	NA	<0.01	7.84
33.9	**520**	<0.05	15.5	0.818 j	NA	0.0039 j	7.46

38.2	**570**	<0.05	14.9	1.28	NA	0.0085 j	7.97
36.1 B2	**530**	0.023 j	14.4	0.404 j	NA	<0.01	8
36.7	**562**	NA	16.4	NA	NA	0.0088 j	8.3
36.8	**584**	NA	16.2	NA	NA	0.0078 j	8.65
33.4 M4	**269**	<0.05	1.42	<1	NA	<0.01	6.68
34.5	**241**	<0.05	1.78	<1	NA	0.091	7.04
35.8	**301**	<0.05	2.75	<1	NA	NA	7.74
33.9	**296**	<0.05	2.96	<1	NA	NA	8.27
37.8	**298**	<0.05	1.84	<1	NA	<0.01	7.51
42.5	**256**	<0.05	1.58	1.25	NA	<0.01	7.39
39.9	**268**	<0.05	1.83	0.785 j	NA	0.0045 j	7.26
39.6	**278**	<0.05	1.19	<1	NA	<0.01	6.98
42.3	**271**	NA	1.27	NA	NA	<0.01	7.32
44	**273**	NA	1.82	NA	NA	0.0038 j	7.65
21.3	**124**	<0.05	7.1	2.09	NA	0.012	2.94
19.7	**163**	<0.05	9.82	2.18	NA	0.026	4.79
18.7	**200**	<0.05	10.2	1.87	NA	NA	5.2
18.2	**178**	<0.05	9.88	<1	NA	NA	4.97
19.1	**216**	<0.05	10.1	1.76	NA	<0.01	4.38
18.8	**203**	<0.05	8.3	2.35	NA	<0.01	4.51
17.8	**214**	<0.05	7.26	2.54	NA	0.011	3.36
18.2	**222**	0.023 j	4.46	<1	NA	0.0061 j	3.12
20.1	**242**	NA	2.96	NA	NA	0.0038 j,S1	3.1
18.5	**261**	NA	1.71	NA	NA	<0.01	2.93
20.5	**53**	<0.05	1.09	1.2	NA	0.102	5.07
19.7	**67**	<0.05	1.82	<1	NA	<0.01	6.02
19.6	**128**	<0.05	2.53	<1	NA	NA	7.89
20	**106**	<0.05	2.52	1.99	NA	NA	6.78
21	**110**	<0.05	2.45	<1	NA	<0.01	7.24
21	**108**	<0.05	2.21	0.523 j	NA	<0.01	7
19.2	**77**	<0.05	2	0.443 j	NA	<0.01	5.18
19.3	**81**	0.021 j	1.88	<1	NA	<0.01	4.94
20.3	NA	<0.05	2.05	NA	NA	NA	5.44
19.2	**174**	NA	2.14	NA	NA	<0.01	6.41
19.8	NA	<0.05	1.92	NA	NA	NA	5.88
20.7	17	NA	2.39	NA	NA	0.0087 j	7.22
27.7	**1170**	<0.05	6.26	2.01	NA	<0.01	4.91
25.5	**1110**	<0.05	6.11	1.71	NA	<0.01	5.31
22.8	**1070**	<0.05	5.91	1.43	NA	NA	4.71
23.1	**956**	<0.05	5.18	1.09	NA	NA	4.57
24.2	**1050**	<0.05	5.06	1.7	NA	<0.01	4.62
24.7	**1080**	<0.05	4.6	0.815 j	NA	0.0035 j	4.53
23.8	**1070**	<0.05	4.66	0.601 j	NA	0.0068 j	4.36
24.2	**1080**	<0.05	4.97	<1	NA	<0.01	4.28
25.7	NA	<0.05	4.9	NA	NA	NA	4.42

27.2	**1090**	NA	4.84	NA	NA	0.0088 j,S1	4.54
25.2	NA	<0.05	5.82	NA	NA	NA	4.51
26	**1130**	NA	5.04	NA	NA	0.0054 j	4.61
26.4	**575**	<0.05	1.43	2.22	NA	0.129	5.7
27.8	**532**	<0.05	1.16	1.02	NA	0.425	5.82
26.9	**378**	<0.05	1.6	1.09	NA	NA	5.58
27	**254**	<0.05	<1	1.28	NA	NA	5.78
26.5	**354**	<0.05	1	1.04	NA	0.55	5.96
26.2	**386**	<0.05	1.12	2.15	NA	0.546	6.02
26.6	**361**	<0.05	0.926 j	0.777 j	NA	0.719	5.7
25.9	**378**	0.019 j	0.797 j	<1	NA	0.62	5.52
27.2	**213**	NA	0.877 j	NA	NA	0.937	5.91
29.6	**123**	NA	0.859 j	NA	NA	0.861	6.56
16.9	**77**	<0.05	4.19	3.06	NA	<0.01	4.76
16.9	**95**	<0.05	4.66	5.19	NA	<0.01	4.64
17.7	**96**	<0.05	4.11	1.19	NA	NA	6.46
18.6	**106**	<0.05	3.64	3.76	NA	NA	6.52
17.8	**148**	<0.05	4.39	7.82	NA	<0.01	5.16
17.6	**117**	<0.05	2.52	0.48 j	NA	<0.01	3.96
17.5	**117**	<0.05	1.59	0.8 j	NA	0.0062 j	4.12
18.2	**137**	0.019 j	1.4	<1	NA	<0.01	4.21
18.6	NA	<0.05	1.86	NA	NA	NA	4.42
17.5	**174**	NA	1.85	NA	NA	<0.01	4.54
17.6	NA	<0.2	2	NA	NA	NA	4.8
18.8	**186**	NA	1.77	NA	NA	<0.01	5
11.9	**100**	<0.05	17.7	7.03	NA	0.047	62.1
3.04	6	<0.05	11.4	<1	NA	0.015	113
18	**293**	<0.05	3.25	1.8	NA	NA	9.72
16.8	**79**	<0.05	4.09	2.01	NA	NA	21.3 B3
8.25	**67**	<0.05	7	12.7	NA	<0.01	59.9
0.225	<5	<0.05	6.96	0.819 j	NA	<0.01	149
0.07	<5	<0.05	8.24	2.12	NA	0.0068 j	301
0.008	<5	0.042 j	7.17	1.89	NA	<0.01	331
0.016 S1	NA	<0.05	7.4	NA	NA	NA	329
0.013	<5	NA	8.15	NA	NA	0.012	392
0.013	NA	<0.2	8.52	NA	NA	NA	396
0.005269 j	<5	NA	8.87	NA	NA	0.039	438 M4
85.9	26	<0.05	1.25	<1	NA	<0.01	7.67
107	**53**	<0.05	1.65	1.23	NA	0.019	8.35
102	**60**	<0.05	1.29	0.465 j	NA	0.032	8.18
108	**59**	<0.05	1.06	0.588 j	NA	0.04	8.13
102	12	<0.05	0.466 j	<1	NA	0.553	5.48
105	8	<0.05	0.667 j	1.45	NA	0.533	5.42
101 M4	5	<0.05	0.558 j	0.392 j	NA	0.54	5.53
108	5	<0.05	0.489 j	0.543 j	NA	0.548	5.41

47.4	**118**	<0.05	6.29	0.568 j	NA	0.0061 j	4.49
45.2	**102**	<0.05	5.15	2.66	NA	0.0038 j	6.26
43.3	**94**	<0.05	4.13	0.919 j	NA	<0.01	5.99
41.2	**90**	<0.05	3.2	0.696 j	NA	<0.01	5.49
115	**103**	<0.05	0.579 j	9.77	NA	0.414	5.31
119	**84**	<0.05	2.09	13.8	NA	0.491	5.17
117	**84**	<0.05	1.29	11.4	NA	0.527	5.18
119	**81**	<0.05	0.786 j	10.1	NA	0.687	5.1
111	**226**	<0.05	0.904 j	7.84	NA	0.368	0.876
113	**97**	<0.05	0.968 j	6.64	NA	0.387	0.791
109	**93**	<0.05	0.978 j	7.09	NA	0.331	0.758
114	**73**	<0.05	1.22	6.08	NA	0.355	0.766
132	39	<0.05	0.746 j	<1	NA	0.0067 j	12
134	34	<0.05	2.12	4.05	NA	0.0048 j	12.5
130	34	<0.05	1.5	2.21	NA	<0.01	12.1
132 M4	18	<0.05	1.42	2.93	NA	0.0065 j	12.3
173	**173**	<0.05	1.09	4.22	NA	0.144	7.58
176	**180**	<0.05	2.4	9.28	NA	0.139	7.53
179	**186**	<0.05	1.14	4.7	NA	0.14	7.48
177	**199**	<0.05	1.27	5.28	NA	0.101	7.69
87	**132**	<0.05	1.04	0.765 j	NA	0.458	9.02
41.2	**60**	<0.05	2.8	<1	NA	0.249	20.8
45.9	**77**	<0.05	1.87	<1	NA	0.344	12.4
29.2	**92**	<0.05	3.54	0.684 j	NA	0.191	21.2
50.3	7	<0.05	0.171 j	2.09	NA	2.5	5.97
56.3	25	<0.05	0.197 j	3.06	NA	1.7	6.06
57	21	<0.05	0.153 j	3.09	NA	2	6.06
57.7	7	<0.05	0.188 j	3.12	NA	1.7	6.24
77.9	**156**	<0.05	0.978 j	13.8	NA	1.2	1.34
78.5 M2	**70**	<0.05	2.41	8.5	NA	1.1	0.497
78.3	**61**	<0.05	1.98	7.9	NA	1.2	0.464
79.7	45	<0.05	1.13	7.04	NA	1.1	0.375
18.1	**62**	<0.05	2.24	0.546 j	NA	<0.01	24
9.04	2.484 j	<0.05	2.29	0.389 j	NA	<0.01	59.1
0.102	<5	<0.05	6.4	1.11	NA	0.03	470
8.35	**65**	<0.05	0.512 j	1.89	NA	0.066	3.54
7.31	**84**	<0.05	2.83	4.19	NA	0.091	3.68
6.85	**52**	<0.05	1.85	2.53	NA	0.129	3.41
6.73	30	<0.05	1.62	2.55	NA	0.452	3.51
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
32.9	8.29	<0.2	<10	<10	NA	NA	1.62
31.7	10	<0.05	<1	<5	NA	NA	1.67

25.1	<5	<0.2	<5	<5	NA	NA	<0.5
24.8	<5	<0.05	1.42	<5	NA	NA	3.92
25	<5	<0.2	2.5	<2	NA	NA	5.1
25	<5	<0.05	<1	<5	NA	NA	4.84
10.8	**144**	<0.2	<2	1.35	NA	NA	2.75
10.3	**152**	<0.05	<1	<5	NA	NA	2.76
10.7	29.4	<0.2	<0.5	1.9	NA	NA	1.96
10.2	28	<0.05	<1	<5	NA	NA	1.91
22.4	1.9	<0.2	0.74	<0.5	NA	NA	4.31
22.1	<5	<0.05	<1	<5	NA	NA	4.47
3.65	4	<0.2	<0.5	0.8	NA	NA	1.24
7.73	12.4	<0.2	<0.5	<0.5	NA	NA	2.04
4.92	3.8	<0.2	1.6	<0.5	NA	NA	2.53
13.2	**121**	<0.2	<0.5	1.5	NA	NA	4.73
4.7	0.78	<0.2	<0.5	0.5	NA	NA	1.39
61.2	<5	<0.2	<5	<5	NA	NA	6.46
50	**982**	<0.05	1.72	<5	NA	NA	6.99
38	**1100**	<0.2	<10	<2	NA	NA	6.8
39	**1200**	<0.2	NA	<2	0.14	0.14	6.9
44	**840**	<0.5	<10	<10	NA	NA	6.1
10.8	9.2	<0.2	<0.5	0.81	NA	NA	2.7
22.2	0.82	<0.2	0.98	3.7	NA	NA	2.75
7.6	1.5	<0.2	<0.5	1.3	NA	NA	1.39
3.98	5.6	<0.2	<0.5	1.4	NA	NA	0.943
5.44	**68**	<0.2	<0.5	0.76	NA	NA	1.47
9.34	9.2	<0.2	<0.5	1	NA	NA	1.81
2.64	3.4	<0.2	<0.5	1.2	NA	NA	0.972
10.9	10	<0.2	<0.5	0.74	NA	NA	2.01
10.2	4.1	<0.2	0.75	0.89	NA	NA	3.27
21.9	<5	<0.2	<5	<5	NA	NA	<0.5
21.1	**369**	<0.05	1.54	<5	NA	NA	4.6
25	**130**	<0.2	NA	<2	0.27	0.27	4.6
13.5	**117**	<0.2	2	3.2	NA	NA	5.05
10.8	**90.3**	<0.2	1.1	1.2	NA	NA	4.76
7.31	<0.5	<0.2	<0.5	<0.5	NA	NA	1.59
8.85	1.2	<0.2	<0.5	0.79	NA	NA	1.26
4.28	12.7	<0.2	<0.5	<0.5	NA	NA	1.49
9.94	**66.5**	<0.2	4.1	<0.5	NA	NA	1.08
25.7	1.5	<0.2	2	0.56	NA	NA	3.54
25.6	<5	<0.05	2.01	<5	NA	NA	3.53
28.2	**494**	<0.2	5.9	<0.5	NA	NA	5.9
29.3	**531**	<0.05	5.75	<5	NA	NA	6.08
5.25	3.7	<0.2	<0.5	<0.5	NA	NA	1.24
5.34	<5	<0.05	<1	<5	NA	NA	1.22
27	5.9	<0.2	0.52	<0.5	NA	NA	6.64

28.7	6	<0.05	<1	<5	NA	NA	6.89
<0.05	0.62	<0.2	4.2	0.61	NA	NA	<0.05
38.1	<5	<0.05	4.15	<5	NA	NA	3.63
4.24	0.98	<0.2	<0.5	1.4	NA	NA	<0.05
3.79	<5	<0.05	<1	<5	NA	NA	1.73
11.9	**96.7**	<0.2	<0.5	<0.5	NA	NA	2.9
6.5	12.9	<0.2	<0.5	<0.5	NA	NA	1.5
39.2	**792**	<0.2	3	1.3	NA	NA	6.6
23.5	**1900**	<0.2	11.1	0.87	NA	NA	5.5
3	10.2	<0.2	<0.5	1.3	NA	NA	0.89

ORGANIC PARAMETERS (TOTAL CONCENTRATION)

49	**6300**	NA	0.186 j	NA	NA	0.227	30.7
180	**5730**	<0.05	690	1.86	NA	0.011	161
30.8	**506**	<0.05	1.68	<1	NA	<0.01	4.12
25.4	14	<0.05	<1	1.88	NA	2.5	1.74
26.7	5	<0.05	<1	<5	2.6	NA	1.52
26.3	<5	<0.05	<1	<5	2.7	NA	1.42
11.5	**209**	<0.05	26.4	0.819 j	NA	0.011	61.1
69.7	NA	<0.05	3.6	NA	NA	NA	2.97
116	NA	<0.05	0.597 j	NA	NA	NA	4.79
109	NA	<0.05	0.552 j	NA	NA	NA	4.77
28.1	NA	<0.05	<1	NA	NA	NA	3.55
193	NA	<0.05	191	NA	NA	NA	7.93
99.6	NA	0.08	1.96	NA	NA	NA	6.39
92.7	NA	0.35	2.19	NA	NA	NA	5.8
83.2	NA	0.28	1.29	NA	NA	NA	5.6
519	NA	<0.05	2.89	NA	NA	NA	13.8
226	NA	<0.05	<1	NA	NA	NA	10.7
61.8	NA	<0.05	10.4	NA	NA	NA	7.28
176	NA	<0.2	1.89	NA	NA	NA	12.3
463	NA	<0.05	113	NA	NA	NA	9.97
465	NA	<0.05	112	NA	NA	NA	10.2
487	NA	<0.05	159	NA	NA	NA	9.8
443	NA	<0.05	282	NA	NA	NA	8.93
31.8	NA	<0.05	24.2	NA	NA	NA	2.62
34.2	NA	<0.05	24.3	NA	NA	NA	2.86
64.4	NA	<0.05	1.74	NA	NA	NA	5.65
27.9	NA	<0.05	12.2	NA	NA	NA	4.7
27.5	NA	<0.05	10.1	NA	NA	NA	4.32
28.7	NA	<0.05	7.41	NA	NA	NA	4.45
26.1	NA	<0.05	2.5	NA	NA	NA	5.74
27.1	NA	<0.05	3.04	NA	NA	NA	5.61
29.9	NA	<0.05	3.14	NA	NA	NA	3.62

27.8	NA	<0.05	2.55	NA	NA	NA	3.38
NA	11	<0.2	NA	<5	NA	NA	NA
NA	5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
33.2	<5	<0.05	<1	<5	NA	NA	2.9
37.1	<5	<0.05	<1	<5	0.21	NA	2.69
38.6	<5	<0.05	<1	<5	0.26	NA	2.46
37.5	<5	<0.05	<1	<5	0.34	NA	2.56
37.5	<5	<0.05	<1	<5	0.35	NA	2.46
38.1	<5	<0.05	<1	<5	0.37	NA	2.53
NA	<5	<0.5	NA	<5	NA	NA	NA
NA	<5	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
32.8	<5	<0.05	<1	<5	0.59	NA	3.74
21.7	9	<0.05	<1	<5	0.22	NA	2.59
36.2	<5	<0.05	<1	<5	0.58	NA	3.33
35.6 B2	<5	<0.05	<1	<1	NA	0.639	3.61
38.5	<5	<0.05	<1	<5	0.67	NA	3.62
25.9	5	<0.05	<1	<1	NA	0.363	2.47
14.6 B3	6	<0.05	<1	<5	0.07	NA	1.45
37.5	<5	<0.05	<1	<1	NA	NA	3.58
35.5	<5	<0.05	<1	<1	NA	NA	3.77
24	10	<0.05	<1	1.07	NA	0.262	2.53
19	**125**	<0.05	<1	<5	0.04	NA	1.45
31.6	3.588 j	NA	0.512 j	NA	NA	1.5	3.59
NA	<5	<0.2	NA	<5	NA	NA	NA
25.7	<5	<0.05	6.23	<5	0.29	NA	4.12
26.1	<5	<0.05	5.5	<5	0.24	NA	4.18
NA	<5	<0.05	NA	<5	NA	NA	NA
0.0435	32	<0.2	3.4	1.4	NA	NA	0.0911
6.48E-02	29.9	<0.2	<0.5	0.72	NA	NA	7.88E-02
0.129	25	<0.2	7.8	2.1	NA	NA	0.285
0.103	5.6	<0.2	1.8	1.3	NA	NA	0.161
0.0487	6.4	<0.2	0.85	0.88	NA	NA	0.0762
0.0193	4.2	<0.2	1.1	0.98	NA	NA	<0.05
<0.01	0.67	<0.2	<0.5	0.54	NA	NA	<0.05
0.0415	6.3	<0.2	0.81	<0.5	NA	NA	0.0573
0.0236	2.8	<0.2	0.66	1.8	NA	NA	<0.05
0.0115	0.92	<0.2	<0.5	<0.5	NA	NA	<0.05
0.0386	3.2	<0.2	<0.5	<0.5	NA	NA	<0.05
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1

<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
1.13	**75.6**	<0.2	0.59	4.8	NA	NA	0.318
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.0971	12.5	<0.2	1.4	1.8	NA	NA	0.0552
0.224	8.7	<0.2	<0.5	<0.5	NA	NA	0.0777
0.356	36.7	<0.2	3.3	1.8	NA	NA	0.19
0.048	11.6	<0.2	<0.5	0.59	NA	NA	8.35E-02
0.0131	1.3	<0.2	<0.5	<0.5	NA	NA	<0.05
0.0431	15.9	0.03 j	1.2	0.85	NA	NA	0.034 j
0.0425	12.8	<0.2	1.4	0.91	NA	NA	0.133
0.037	6	<0.2	0.36 j	0.33 j	NA	NA	0.0439 j
0.012	2.3	<0.2	<0.5	0.19 j	NA	NA	0.0333 j
0.0189	2.5	<0.2	<0.5	<0.5	NA	NA	0.0222 j
0.0535	6	<0.2	0.97	0.43 j	NA	NA	0.0561
0.0727	11.1	<0.2	0.26 j	0.42 j	NA	NA	0.0267 j
0.0171	2.5	<0.2	0.14 j	0.3 j	NA	NA	0.105
7.48E-02	15.9	<0.2	0.95	1.4	NA	NA	0.107
0.0403	5.1	<0.2	0.48 j	0.36 j	NA	NA	0.0754
0.0282	2.3	<0.2	<0.5	0.24 j	NA	NA	0.0564
0.14	31.5	<0.2	2.2	2.4	NA	NA	0.211
0.0622	3.8	<0.2	0.28 j	0.68	NA	NA	0.0771
2.05	**163**	<0.2	14.4	5.7	NA	NA	0.395
<0.005	**55**	<0.05	<1	<1	NA	1.1	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.011	<0.1
<0.005	8	<0.05	<1	<1	NA	0.134	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	NA	<0.1
0.014	<5	<0.05	<1	<1	NA	0.027	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.068	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.026	<0.1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
0.007	<5	<0.05	<1	<1	NA	<0.01	<0.1
NA	<5	NA	<1	<1	NA	<0.01	NA
0.01	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.404	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.006	<5	<0.05	<1	<1	NA	0.056	<0.1
0.006	<5	<0.05	<1	<1	NA	0.017	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1

<0.005	<5	<0.05	<1	<1	NA	0.041	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.011	<0.1
<0.1	<5	<0.2	<0.5	<0.5	NA	<0.02	<5
<0.1	<5	<0.2	<0.5	<0.5	NA	0.027	<5
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.013	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.014	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.026	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.006	<5	<0.05	<1	<1	NA	0.036	<0.1
0.005	<5	<0.05	<1	<1	NA	0.019	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.015	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.026	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.22	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005 M4	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005 M4	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005 M4	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.007 B	<5	<0.05	<1	<1	NA	0.011	<0.1
0.011	<5	<0.05	<1	<1	NA	0.04	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.007	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005 B	<5	<0.05	<1	<1	NA	<0.02	<0.1
0.014	<5	<0.05	<1	<1	NA	0.046	0.185
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	6.38	<1	NA	<0.01 M2	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.018	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.058	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.006	<5	<0.05	<1	<1	NA	<0.01	<0.1

<0.005	<5	<0.05	<1	<1	NA	0.02	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.008	<5	<0.05	<1	<1	NA	0.06	<0.1
0.007	<5	<0.05	<1	<1	NA	0.028	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.108	<0.1
0.006	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	NA	<0.1
<0.005	<5	<0.05	<1	<1	NA	NA	<0.1
<5	3.2 j	<9.999999E-02	<40	<40	NA	NA	<5
0.01	<5	<0.05	<1	<1	NA	NA	<0.1
<0.005	<5	<0.05	<1	<1	NA	NA	<0.1
0.02	<5	<0.05	<1	<1	NA	NA	<0.1
<0.005	<5	<0.05	<1	<1	NA	NA	<0.1
<0.005	<5	<0.05	<1	<1	NA	NA	<0.1
<0.005	<5	<0.05	<1	<1	NA	NA	<0.1
<0.005	<5	<0.05	<1	<1	NA	NA	<0.1
<0.005	<5	<0.05	<1	<1	NA	NA	<0.1
<2	<5	<0.05	<1	<1	NA	NA	<0.1
0.024	<15	<0.05	<1	<1	NA	NA	<0.1 B3
<2	<5	<0.05	<1	<1	NA	NA	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
0.009	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
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<0.005	<5	<0.05	<1	<1	NA	0.0073 j	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	0.033926 j
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	0.101
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
0.013	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	0.754 j	NA	0.0038 j	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.0056 j	<0.1
<0.005	<5	<0.05	<1	<1	NA	0.0038 j	<0.1
0.007	<5	0.018 j	<1	<1	NA	<0.01	<0.1
<0.005	<5	0.017 j	<1	<1	NA	<0.01	<0.1
0.007	<5	0.05	<1	<1	NA	<0.01	0.036214 j
<0.005	<5	<0.05	0.754 j	<1	NA	<0.01	<0.1
<0.005	<5	<0.05	<1	<1	NA	<0.01	<0.1
<0.01	<5	<0.05	0.164 j	<1	NA	<0.01	<0.1

0.00412 j	<5	<0.05	<1	<1	NA	0.0039 j	<0.1
<0.01	1.777 j	NA	<1	NA	NA	0.021	<0.1
<0.01	<5	NA	<1	NA	NA	<0.01	<0.1
<0.01	<5	NA	<1	NA	NA	<0.01	<0.1
0.003196 j	<5	NA	<1	NA	NA	0.017	0.034825 j
<0.01	<5	NA	<1	NA	NA	<0.01	<0.1
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NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	<0.2	<0.006	NA	0.628 j	0.00883 j	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.005	<5	<0.0005	<1	<1	NA	<0.01	<0.1
NA	<5	<0.05	NA	<5	<0.023	NA	NA
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
NA	NA	NA	NA	NA	NA	NA	NA
0.025	NA	<0.05	<1	NA	NA	NA	<0.1
0.009	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA
0.196	NA	<0.05	<1	NA	NA	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
0.36	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
0.053	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
0.006	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA

<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	<5	<0.05	NA	<5	0.0151 j	NA	NA
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
0.015	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
0.131	NA	<0.05	<1	NA	NA	NA	<0.1
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<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005 B3	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	<5	<0.05	NA	<5	<0.023	NA	NA
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
0.026 B4	NA	<0.05	<1	NA	NA	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
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<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005 B2	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005 B2	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
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<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA

<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	<5	<0.05	NA	<5	<0.023	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
0.02	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
0.003205 j	NA	<0.05	<1	NA	NA	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	<5	<0.05	NA	<5	0.0174 j	NA	NA
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
<0.005	<5	<0.05	<1	<5	<0.023	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
<0.005	NA	<0.05	0.135 j	NA	NA	NA	<0.1
0.007	NA	<0.05	<1	NA	NA	NA	0.061693 j
<0.005	NA	<0.05	0.208 j	NA	NA	NA	<0.1
<0.005	NA	<0.05	<1	NA	NA	NA	<0.1
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NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.01	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	<5	<0.05	NA	<5	0.0103 j	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
<0.01	NA	<0.2	<1	NA	NA	NA	<0.1
<0.01	NA	<0.2	<1	NA	NA	NA	<0.1
<0.01	NA	<0.05	<1	NA	NA	NA	<0.1
<0.01	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	<5	<0.05	NA	<5	<0.023	NA	NA
<0.01	<5	<0.05	<1	<5	<0.023	NA	<0.1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
39.7	NA	<0.05	<1	NA	NA	NA	0.469
38.5	NA	<0.05	<1	NA	NA	NA	0.506
36.9	NA	<0.05	<1	NA	NA	NA	0.515
43.4	NA	<0.05	1.07	NA	NA	NA	0.505
NA	6.2	<0.2	NA	<5	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<5	<0.05	NA	<5	0.67	NA	NA
NA	10.6	<0.05	NA	0.67 j	0.536	NA	NA
NA	7.62	0.019 j	NA	0.61 j	0.542	NA	NA
NA	1.99 j	<0.05	NA	0.396 j	0.486	NA	NA
NA	31	<0.2	NA	5.8	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	<0.2	<0.006	NA	1.27 j	0.32	NA	NA
NA	0.451 j	<0.05	NA	<5	0.344	NA	NA
2.22	<5	<0.05	<1	<1	NA	0.368	0.976
2.35	<5	<0.05	<1	<1	NA	0.393	1.07
NA	<5	<0.05	NA	<5	0.4	NA	NA
1.66	NA	<0.05	<1	NA	NA	NA	0.908
1.99	NA	<0.05	<1	NA	NA	NA	0.888
1.92	<5	<0.05	<1	<1	NA	NA	0.911
2.27	NA	<0.05	0.11 j	NA	NA	NA	0.939
1.75	NA	<0.05	0.535 j	NA	NA	NA	0.84

NA	<5	<0.05	NA	1.74 j	0.922	NA	NA
2.57	NA	<0.05	0.175 j	NA	NA	NA	0.98
NA	5.1 B	<0.2	NA	<5	NA	NA	NA
NA	6	<0.05	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
NA	15.7	<0.2	NA	<5	NA	NA	NA
NA	<5	<0.05	NA	<5	NA	NA	NA
97.9	8	<0.05	1.17	5.64	NA	0.933	8.39
174	**140**	<0.05	3.19	1.38	NA	<0.01	4.76
165	**109**	<0.05	3.97	1.38	NA	<0.01	4.34
158	**103**	NA	3.4	NA	NA	<0.01	4.4
121	**319**	<0.05	<1	4.3	NA	<0.01	5.4
124	**708**	<0.05	<1	4.18	NA	NA	5.28
135 B2	**1230**	<0.05	0.936 j	4.59	NA	<0.01	5.48
84.7	**8300**	<0.05	1.5	<1	NA	0.019	3.67
96.8	**11900**	NA	1.32	NA	NA	0.263	3.61
144	**2280**	<0.05	<1	6.19	NA	0.49	2.05
165	**172**	<0.05	<1	1.61	NA	0.159	2.81
23.3	**71**	<0.05	5.54	<1	NA	<0.01	2.36
21.1	**84**	<0.05	2.9	<1	NA	<0.01	1.68
14.4	**249**	<0.05	2.3	<1	NA	0.019	2.34
18.5	**656**	<0.05	20.5	<1	NA	0.077	8.63
18.5	**1120**	NA	2.79	NA	NA	0.0087 j	5.21
19.8	**969**	<0.05	1.35	1.3	NA	0.156	4.6
20.9	**1220**	<0.05	1.19	1.13	NA	0.018	4.97
20.4	NA	<0.05	<1	NA	NA	NA	4.46
21.5	**483**	<0.05	1.11	2.23	NA	0.131	4.97
21.3	NA	<0.05	1.03	NA	NA	NA	4.48
21.2	NA	<0.05	3.4	NA	NA	NA	4.07
20.1	NA	<0.05	1.25	NA	NA	NA	3.72
28.8	**328**	<0.05	1.43	<1	NA	<0.01	5.98
27.1	8	<0.05	1.98	9.47	NA	3.5	1.05
23.7	NA	<0.05	6.3	NA	NA	NA	3.71
23.2	NA	<0.05	1.3	NA	NA	NA	3.74
19.8	**815**	<0.05	3.14	<1	NA	<0.01	10.7
24.2	NA	<0.05	2.97	NA	NA	NA	12
14.9 B1	**1080**	<0.05	9.27	<1	NA	<0.02	6.47
16.1	**1030**	<0.05	6.75	<1	NA	0.012	6.31
109	**1800**	<0.05	1.93	1.18	NA	<0.01	14.4
160	**1900**	<0.05	1.28	0.921 j	NA	0.019 S1	13.8
232	**2910**	<0.05	1.22	2.52	NA	0.013 M2	18.8
5.99 M4	**318**	<0.05	1.33	<1	NA	<0.01	3.11
6.98	**357**	<0.05	1.2	<1	NA	NA	3.44
6.59	**340**	<0.05	1.15	<1	NA	NA	3.36
7.07	**388**	<0.05	1.17	<1	NA	<0.01	3.5

7.3	**408**	<0.05	1.13	<1	NA	<0.01	3.49
7.54	**425**	NA	1.13	NA	NA	<0.01	3.55
104	**1080**	<0.05	0.495 j	1.63	NA	1.6	2.24
28	**546**	<0.05	<1	4.36	NA	<0.01	6.43
24.1	**552**	<0.05	3.35	2.85	NA	NA	6.71
24.6	**585**	<0.05	3.95	1.76	NA	<0.01	6.45
38.2	**572**	<0.05	14.5	1.28	NA	0.016	7.98
24.7	**1100**	<0.05	4.77	0.85 j	NA	0.0049 j	4.52
25.4	**1140**	<0.05	4.71	<1	NA	<0.01	4.48
26.4	**583**	<0.05	1.37	2.29	NA	0.129	5.59
27.9	**534**	<0.05	1.26	1.18	NA	0.428	5.85
26.3	**355**	<0.05	0.89 j	0.598 j	NA	0.723	5.64
25.6	**372**	0.027 j	0.819 j	<1	NA	0.644	5.46
18.4	**172**	NA	1.4	NA	NA	<0.01	4.57
0.02	<5	<0.05	<1	<1	NA	<0.01	<0.1
1.79	9	<0.05	<1	5.79	NA	0.117	1.81
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA
NA	NA	<0.0005	NA	NA	NA	NA	NA

ug/L	ug/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L
20	**20**	**NE**	**0.2***	**NE**	**NE**	**0.3***	**1000**	**NE**
1.78	**NE**	**36**	**0.2**	**NE**	**NE**	**30.2**	**12**	**NE**
1	**NE**	**37.6**	**0.2**	**NE**	**NE**	**2.49**	**7**	**NE**

Selenium	Silver	Sodium	Thallium	Tin	Titanium	Vanadium	Zinc	Aluminum (0.45u)
NA	NA	NA	NA	NA	NA	NA	NA	NA
9.6	NA	5.83	<0.2	NA	NA	**107**	7	4040
NA	NA	NA	NA	NA	NA	NA	NA	NA
8.68	NA	9.92	<0.2	NA	NA	**22.7**	6	3020
7.92	NA	11.1	<0.2	NA	NA	**9.97**	<5	2830
7.99	NA	11.1	<0.2	NA	NA	**6.93**	<5	2920
NA	NA	NA	NA	NA	NA	NA	NA	NA
6.94	NA	11.1	<0.2	NA	NA	**2.45**	<5	2910
6.85	NA	11.9	<0.2	NA	NA	**1.83**	<5	2810
6.48	NA	11.7	<0.2	NA	NA	**2.28**	<5	2860
5.74	NA	11.1	<0.2	NA	NA	**2.74**	<5	2650
4.97	NA	10.8	<0.2	NA	NA	**2.63**	<5	NA
5.76	NA	12.7	<0.2	NA	NA	**3.43**	<5	NA
4.75	NA	13.1 B2,,B3	<0.2	NA	NA	**2.19**	<5	3490
4.79	NA	11.8	<0.2	NA	NA	**2.75**	2.305 j	3220
5.5	NA	11.2	<0.2	NA	NA	**2.1**	5	3720
5.66	NA	11	<0.2	NA	NA	**1.37**	<5	3760
4.48	NA	12.1	NA	NA	NA	**1.64**	NA	3340
5.23	NA	11.2	NA	NA	NA	**1.29**	NA	3850
<1	NA	19.5	<0.2	NA	NA	<0.3	<5	11
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	19.4	<0.2	NA	NA	**0.304**	<5	<5
<1	NA	19.7	<0.2	NA	NA	<0.3	<5	<5
<1	NA	17.7	<0.2	NA	NA	**0.346**	<5	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	19.6	<0.2	NA	NA	**0.322**	<5	9
<1	NA	20.2	<0.2	NA	NA	<0.3	<5	<5
<1	NA	20.2	<0.2	NA	NA	<0.3	<5	<5
<1	NA	20	<0.2	NA	NA	**0.346**	<5	8
<1	NA	20.2	<0.2	NA	NA	<0.3	<5	NA

<1	NA	20.3	<0.2	NA	NA	<0.3	<5	NA
<1	NA	20.4 B2,,B3	<0.2	NA	NA	<0.3	<5	<5
<1	NA	20.3	<0.2	NA	NA	0.129 j	3.07 j	3.528 j
<1	NA	21.1	<0.2	NA	NA	0.25 j	<5	3.435 j
<1	NA	20.4	<0.2	NA	NA	0.131 j	<5	3.625 j
<1	NA	20.5	NA	NA	NA	0.127 j	NA	54
<1	NA	20.1	NA	NA	NA	<0.3	NA	3.573 j
5.4	NA	3.52	<0.2	NA	NA	**65.7**	<5	3480
NA	NA	NA	NA	NA	NA	NA	NA	NA
6.24	NA	3.28	<0.2	NA	NA	**24.3**	<5	2630
4.2	NA	<5	<0.1	NA	NA	**9.9**	<10	2310
3.39	NA	3.66	<0.2	NA	NA	**9.19**	<5	1620
2.24	NA	5.16	<0.2	NA	NA	**2.3**	<5	158
1.04	NA	7.5	<0.2	NA	NA	**3.55**	<5	44
1.37	NA	6.9	<0.2	NA	NA	**3.24**	<5	75
<1	NA	8.58	<0.2 B3	NA	NA	**3.77**	<5	43
<1	NA	7.83	<0.2	NA	NA	**3.67**	<5	NA
<1	NA	9.63	<0.2	NA	NA	**4.36**	<5	NA
1.11	NA	8.92	<0.2	NA	NA	**1.68**	<5	40
1.14	NA	9.34	<0.2	NA	NA	**1.42**	<5	64
1.52	NA	8.8	<0.2	NA	NA	**1.19**	1.78 j	245
0.901 j	NA	11.2	<0.2	NA	NA	**2.33**	3.141 j	146
<1	NA	9.52	NA	NA	NA	**2.54**	NA	78
0.832 j	NA	12.9	NA	NA	NA	**0.877**	NA	13
<1	NA	25.3	<0.2	NA	NA	**2.67**	8	44
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	39.7	<0.2	NA	NA	**2.67**	<5	15
<0.5	NA	34.5	<0.1	NA	NA	**2.1**	<10	130
<1	NA	27	<0.2	NA	NA	**1.44**	<5	59
<1	NA	27.1	<0.2	NA	NA	**0.961**	<5	53
<1	NA	23.2	<0.2	NA	NA	**0.34**	<5	<5
<1	NA	29.1	<0.2	NA	NA	**0.319**	<5	41
<1	NA	22.6	<0.2 B3	NA	NA	**0.425**	<5	9
<1	NA	23.8	<0.2	NA	NA	**0.454**	<5	NA
<1	NA	22.6	<0.2	NA	NA	**0.367**	<5	NA
<1	NA	25.1	<0.2	NA	NA	**0.397**	<5	6
<1	NA	22.6	<0.2	NA	NA	**0.351**	<5	4.661 j
<1	NA	22.8	0.159 j	NA	NA	**0.633**	<5	5
<1	NA	24.1	0.107 j	NA	NA	0.294 j	<5	7
<1	NA	22.8	NA	NA	NA	0.229 j	NA	5.973 j
<1	NA	21.4	NA	NA	NA	0.228 j	NA	8.006 j
<1	NA	6.84	**0.636**	NA	NA	**13**	587	28200
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	89.4	<0.2	NA	NA	**1.42**	39	1500
<1	NA	22.6	**1.4**	NA	NA	**3.34**	708	10300

<1	NA	34	**2.09**	NA	NA	**2.71**	307	14300
<1	NA	23.1	**1.51**	NA	NA	**4.5**	373	43200
<1	NA	21.8	**1.76**	NA	NA	**4**	405	33000
<1	NA	13.2	**2.05**	NA	NA	**2.81**	584	NA
<1	NA	8.86	**2.11**	NA	NA	**3.72**	325	NA
8.37	NA	151 B3	**4.52**	NA	NA	**2.21**	956	109000
1.73	NA	6.48	**2.09**	NA	NA	**2.77**	449	79600
1.24	NA	5.7	**2.65**	NA	NA	**2.86**	496	61300
0.617 j	NA	9.03	**3.16**	NA	NA	**1.76**	406	42200
0.349 j	NA	4.81	NA	NA	NA	**1.3**	NA	19700
0.62 j	NA	14.5	NA	NA	NA	**0.55**	NA	9140
<1	NA	281	**0.721**	NA	NA	**2.79**	109	332
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	154	<0.2	NA	NA	**4.02**	641	1460
<1	NA	176	<0.2	NA	NA	**2.55**	136	370
<1	NA	169	<0.2	NA	NA	**2.23**	186	367
<1	NA	183 M4	<0.2	NA	NA	**2.11**	135	413
<1	NA	191	<0.2	NA	NA	**2.79**	109	321
<1	NA	163	<0.2	NA	NA	**2.55**	188	NA
<1	NA	139	<0.2	NA	NA	**2.46**	238	NA
<1	NA	146 B3	<0.2	NA	NA	**2.68**	305	528
<1	NA	141	0.108 j	NA	NA	**2.32**	210	402
<1	NA	157	<0.2	NA	NA	**2.42**	127	236
<1	NA	134	0.166 j	NA	NA	**2.4**	174	489
<1	NA	136	NA	NA	NA	**1.86**	NA	458
<1	NA	198	NA	NA	NA	**1.97**	NA	368
<1	NA	54.5	<0.2	NA	NA	**0.573**	<5	14
<1	NA	69.1	<0.2	NA	NA	**0.746**	6	<5
<1	NA	40.7	<0.2	NA	NA	**2.15**	21	<5
<1	NA	43.8	<0.2	NA	NA	**0.399**	<5	7
<1	NA	35.8	<0.2	NA	NA	**0.318**	<5	<5
<1	NA	36.1	<0.2	NA	NA	**0.486**	<5	<5
<1	NA	36.2	<0.2	NA	NA	<0.3	<5	NA
<1	NA	78.2	<0.2	NA	NA	<0.3	<5	NA
<1	NA	40.5 B3	<0.2	NA	NA	**0.308**	<5	<5
<1	NA	35.4	<0.2	NA	NA	<0.3	<5	2.082 j
<1	NA	33.4	<0.2	NA	NA	0.267 j	<5	2.543 j
<1	NA	32.6	<0.2	NA	NA	0.278 j	10	3.608 j
<1	NA	35.1	NA	NA	NA	<0.3	NA	15
<1	NA	34.3	NA	NA	NA	0.117 j	NA	16
NA	NA	NA	NA	NA	NA	NA	NA	NA
1.26	NA	173	<0.2	NA	NA	**0.702**	12	37
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	174	<0.2	NA	NA	**1.19**	74	61
1.82	NA	176	<0.2	NA	NA	**1.16**	<5	48

<1	NA	205	<0.2	NA	NA	**1.07**	<5	52
<1	NA	186	<0.2 B2	NA	NA	**1.53**	<5	96
<1	NA	110	<0.2	NA	NA	**1.85**	13	88
<1	NA	201	<0.2	NA	NA	**4.24**	<5	63
<1	NA	203	<0.2	NA	NA	**2.49**	<5	61
<1	NA	207	<0.2	NA	NA	**2.27**	<5	NA
<1	NA	204	<0.2	NA	NA	**2.32**	<5	NA
<1	NA	206	<0.2	NA	NA	**2.15**	<5	87
<1	NA	221	0.18 j	NA	NA	**2.2**	8	47
<1	NA	213	0.125 j	NA	NA	**1.63**	4.233 j	53
<1	NA	19.8	<0.2	NA	NA	**0.391**	7	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	19.6	<0.2	NA	NA	**0.522**	32	24
<1	NA	19.8	<0.2	NA	NA	**0.366**	20	17
<1	NA	22.5	<0.2	NA	NA	<0.3	12	36
<1	NA	16.5	<0.2 B2	NA	NA	<0.3	8	22
<1	NA	16	<0.2	NA	NA	**0.748**	11	14
<1	NA	16.1 B3	<0.2 B3	NA	NA	<0.3	<5	10
<1	NA	17.1	<0.2 B3	NA	NA	**3.18**	10	9
<1	NA	16.8	<0.2	NA	NA	**0.92**	<5	NA
<1	NA	17	**0.272**	NA	NA	<0.3	<5	NA
<1	NA	16.5	<0.2	NA	NA	**0.442**	<5	7
<1	NA	16.3	<0.2	NA	NA	**0.465**	4.513 j	4.735 j
<1	NA	17	<0.2	NA	NA	**0.635**	3.985 j	5
<1	NA	74.9	<0.2	NA	NA	**2.71**	<5	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	79.4	<0.2	NA	NA	**1.41**	<5	5
<1	NA	55	<0.2	NA	NA	**0.637**	<5	6
<1	NA	96.8	<0.2	NA	NA	**0.371**	<5	<5
<1	NA	107	<0.2 B2	NA	NA	**0.619**	<5	8
<1	NA	108	<0.2	NA	NA	**0.495**	<5	16
<1	NA	110 B3	<0.2 B3	NA	NA	**0.388**	<5	14
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	99.9	<0.2	NA	NA	**0.685**	<5	7
<1	NA	114	<0.2 B3	NA	NA	**1.46**	6	NA
<1	NA	125	<0.2	NA	NA	**0.497**	<5	NA
<1	NA	132 B2,,B3	<0.2	NA	NA	**0.515**	<5	9
<1	NA	116	<0.2	NA	NA	**0.421**	<5	8
<1	NA	113	<0.2	NA	NA	**0.753 B2**	<5	10
<1	NA	117	<0.2	NA	NA	**0.677**	<5	4.981 j
<1	NA	8.47	<0.2	NA	NA	**0.487**	23	41
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	10.2	<0.2	NA	NA	**0.576**	8	56
<1	NA	12.4	<0.2	NA	NA	**0.406**	<5	33
<1	NA	12.5	<0.2	NA	NA	**0.556**	<5	26

<1	NA	9.4	<0.2 B2	NA	NA	**0.729**	<5	55
<1	NA	11.8	<0.2	NA	NA	**0.657**	6	63
<1	NA	16.1 B3	<0.2 B3	NA	NA	**0.504**	<5	31
<1	NA	13.1	<0.2	NA	NA	**0.655**	<5	34
<1	NA	16	<0.2 B3	NA	NA	**0.686**	<5	NA
<1	NA	11.7	<0.2	NA	NA	**0.545**	<5	NA
<1	NA	16.6 B2,,B3	<0.2	NA	NA	**0.672**	6	36
<1	NA	13.3	<0.2	NA	NA	**0.559**	<5	38
<1	NA	12.3 B2	<0.2	NA	NA	**1.14**	<5	31
<1	NA	13.7	<0.2	NA	NA	**0.726**	<5	23
<1	NA	14.8	NA	NA	NA	**0.519**	NA	52
<1	NA	16.2	NA	NA	NA	**0.835**	NA	53
1.55	NA	8.29	**0.42**	NA	NA	**9.5**	<5	478
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	19.9	<0.2	NA	NA	**1.32**	<5	23
<1	NA	11.8	<0.2 B2	NA	NA	**1.78**	<5	39
<1	NA	10.9	<0.2	NA	NA	**1.12**	<5	23
<1	NA	11.4	<0.2 B3	NA	NA	**1.37 B2**	<5	15
<1	NA	10.3	<0.2 B3	NA	NA	**2.2**	<5	10
<1	NA	11.5	<0.2	NA	NA	**2.6**	<5	NA
<1	NA	10.4	<0.2	NA	NA	**1.27**	<5	NA
<1	NA	11	<0.2	NA	NA	**0.995**	<5	16
0.804 j	NA	9.7	<0.2	NA	NA	**1.12**	<5	13
0.526 j	NA	10.5	<0.2	NA	NA	**1.46**	1.709 j	12
0.473 j	NA	11.1	<0.2	NA	NA	**1.56**	<5	8
0.336 j	NA	13.2	NA	NA	NA	**1.67**	NA	10
0.379 j	NA	13.7	NA	NA	NA	**1.42**	NA	8.2 j
<1	NA	19.5	<0.2	NA	NA	**4.03**	<5	85
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	10.6	<0.2	NA	NA	**0.629**	<5	<5
<1	NA	17.2	<0.2	NA	NA	<0.3	<5	<5
<1	NA	19.4	<0.2	NA	NA	**0.308**	<5	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	18.6	<0.2 B2	NA	NA	<0.3	<5	<5
<1	NA	18.5	<0.2	NA	NA	<0.3	<5	11
<1	NA	19.9	<0.2 B3	NA	NA	**0.324 B2**	<5	<5
<1	NA	19.1	<0.2 B3	NA	NA	**0.378**	11	<5
<1	NA	19.4	<0.2	NA	NA	**0.365**	<5	NA
<1	NA	19.6	<0.2	NA	NA	<0.3	<5	NA
<1	NA	21.4	<0.2	NA	NA	**0.36**	<5	<5
<1	NA	19.4	<0.2	NA	NA	**0.372**	<5	1.886 j
<1	NA	19	<0.2	NA	NA	**0.419**	<5	1.701 j
<1	NA	20.2	<0.2	NA	NA	**0.474**	2.537 j	1.672 j
<1	NA	20.2	NA	NA	NA	**0.348**	NA	3.249 j
<1	NA	20.6	NA	NA	NA	0.132 j	NA	2.315 j

1.16	NA	4.07	<0.2	NA	NA	**12.7**	<5	538
NA	NA	NA	NA	NA	NA	NA	NA	NA
1.31	NA	6.93	<0.2	NA	NA	**19.1**	<5	1650
1.03	NA	12.6	<0.2 B2	NA	NA	**14.5**	<5	1860
<1	NA	12.7	<0.2	NA	NA	**9.8**	<5	1990
1.24	NA	16.3	<0.2 B3	NA	NA	**13.1 B2**	<5	1980
<1	NA	19.2	<0.2	NA	NA	**13.6**	<5	1880
<1	NA	21	<0.2	NA	NA	**11.9**	<5	NA
<1	NA	22.3	<0.2	NA	NA	**13.3**	<5	NA
<1	NA	19.1	<0.2	NA	NA	**0.628**	<5	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	17.1	<0.2	NA	NA	**0.322**	<5	<5
<1	NA	16	<0.2	NA	NA	<0.3	<5	<5
<1	NA	17	<0.2	NA	NA	<0.3	<5	<5
<1	NA	15.9	<0.2 B2	NA	NA	**0.301**	<5	<5
<1	NA	16.7	<0.2	NA	NA	**0.341**	<5	<5
<1	NA	17.2	<0.2 B3	NA	NA	**0.345 B2**	8	<5
<1	NA	16.4	<0.2	NA	NA	**0.496**	<5	<5
<1	NA	16.6	<0.2	NA	NA	**0.305**	<5	NA
<1	NA	16.9	<0.2	NA	NA	**0.304**	<5	NA
<1	NA	17.9	<0.2	NA	NA	**0.384**	<5	<5
<1	NA	16.5	<0.2	NA	NA	0.201 j	<5	2.1 j
<1	NA	16.5	0.15 j	NA	NA	**0.455**	<5	2.155 j
<1	NA	16.5	<0.2	NA	NA	**0.352**	<5	<5
<1	NA	18.3	NA	NA	NA	**0.692**	NA	1.791 j
<1	NA	20	NA	NA	NA	**0.438**	NA	<10
<1	NA	44.1	<0.2	NA	NA	**0.443**	<5	12
<1	NA	45.4	<0.2	NA	NA	**0.579**	<5	6
<1	NA	43.9	<0.2 B2	NA	NA	<0.3	<5	6
<1	NA	45	<0.2	NA	NA	<0.3	<5	<5
<1	NA	47.3	<0.2 B3	NA	NA	**0.307 B2**	<5	<5
<1	NA	45.4	<0.2	NA	NA	<0.3	<5	<5
<1	NA	49.7	<0.2	NA	NA	<0.3	<5	NA
<1	NA	50.1	<0.2	NA	NA	<0.3	<5	NA
<1	NA	52.7	<0.2	NA	NA	<0.3	<5	5
<1	NA	44	0.082 j	NA	NA	0.228 j	<5	2.827 j
<1	NA	45.8	<0.2	NA	NA	0.235 j	<5	2.868 j
<1	NA	45	<0.2	NA	NA	0.19 j	<5	2.176 j
<1	NA	47.7	NA	NA	NA	0.154 j	NA	2.557 j
<1	NA	46.7	NA	NA	NA	<0.3	NA	2.247 j
<1	NA	45 B2	<0.2	NA	NA	**0.497**	<5	5.636 j
<1	NA	40.8	<0.2	NA	NA	**0.908**	2.605 j	42
<1	NA	45.1	<0.2	NA	NA	**3.95**	16	4.505 j
<10	NA	NA	<0.1	NA	NA	NA	12.3	NA
<10	NA	NA	<0.1	NA	NA	NA	18.9	NA

<10	NA	NA	<0.1	NA	NA	NA	<10	NA
<10	NA	NA	<0.1	NA	NA	NA	<10	NA
<10	NA	NA	<0.1	NA	NA	NA	<10	NA
<10	NA	NA	<0.1	NA	NA	NA	<10	NA
<10	NA	NA	<0.1	NA	NA	NA	<10	NA
<1	NA	NA	<0.2	NA	NA	NA	<5	NA
<1	NA	NA	<0.2	NA	NA	NA	<5	NA
<1	NA	NA	<0.2	NA	NA	NA	12	NA
<1	NA	NA	<0.2	NA	NA	NA	<5	NA
<1	NA	NA	<0.2	NA	NA	NA	<5	NA
<1	NA	NA	<0.2	NA	NA	NA	11	NA
3.57	NA	35.4	<0.2	NA	NA	NA	7	NA
1.29	NA	32.3	<0.2	NA	NA	**17.1**	10	NA
1.44	NA	30.5	**0.231**	NA	NA	**22.7**	14	<5
1.39	NA	32.9	<0.2	NA	NA	**18.1**	<5	NA
1.2	NA	32.4	<0.1	NA	NA	**14.5**	<10	<100
1.01	NA	31.6	<0.2	NA	NA	**17.5**	<5	<5
1.78	NA	31.5	<0.2	NA	NA	**24.4**	<5	<5
<1	NA	31.8	<0.2	NA	NA	**18.3**	<5	<5
<1	NA	30.4	<0.2	NA	NA	**19.8**	6	<5
<1	NA	32.1	<0.2	NA	NA	**18.8**	<5	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	30.8	<0.2	NA	NA	**18.7**	<5	<5
<1	NA	32.1 M4	<0.2	NA	NA	**17.3**	<5	<5
<1	NA	33	<0.2	NA	NA	**21.3**	<5	NA
<1	NA	32.5	<0.2	NA	NA	**17.2**	<5	NA
<1	NA	30.8	<0.2	NA	NA	**16.7**	<5	NA
<1	NA	32.5	<0.2	NA	NA	**18**	22	NA
<1	NA	34.9	<0.2 B2	NA	NA	**18.2**	18	NA
<1	NA	33.9	<0.2	NA	NA	**19.2**	<5	<5
<1	NA	33.3	<0.2	NA	NA	**17.3**	<5	1.898 j
<1	NA	33.9	<0.2	NA	NA	**17.3**	<5	NA
<1	NA	33.4	<0.2	NA	NA	**16.7**	1.757 j	<5
<1	NA	32.9 M4	<0.2	NA	NA	**17.3**	<5	NA
<1	NA	33.1	0.177 j	NA	NA	**18.1**	<5	1.711 j
<1	NA	34.6	<0.2	NA	NA	**17.6**	<5	NA
<1	NA	34	NA	NA	NA	**20.1**	NA	3.094 j,B
<1	NA	34.4	<0.2	NA	NA	**20.4**	<5	NA
<1	NA	34.1	<0.2	NA	NA	**21.7**	6	NA
0.386 j	NA	34.9	NA	NA	NA	**19.5**	NA	<10
<1	NA	33.2	<0.2	NA	NA	**20.8**	<5	NA
<1	NA	36.4	<0.2	NA	NA	**1.94**	44	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
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<1	NA	21.9	<0.2	NA	NA	**1.25**	51	<5
<1	NA	23.5	<0.2	NA	NA	**1.23**	6	<5
<1	NA	20.5	<0.2	NA	NA	**1.67**	7	<5
<1	NA	22.4 M4	<0.2	NA	NA	**1.7**	<5	<5
<1	NA	21.8	<0.2	NA	NA	**1.79**	<5	<5
<1	NA	24.2	<0.2	NA	NA	**2.34 B2**	<5	<5
<1	NA	23.3	<0.2	NA	NA	**2.26**	6	<5
<1	NA	23.3	<0.2	NA	NA	**2.04**	<5	NA
<1	NA	23.9	<0.2	NA	NA	**2.15**	5	NA
<1	NA	23.6	<0.2	NA	NA	**2.51**	6	<5
<1	NA	23	<0.2	NA	NA	**2.05**	2.976 j	3.675 j
<1	NA	24.7	<0.2	NA	NA	**2.26 B2**	3.138 j	4.577 j
<1	NA	23.1	<0.2	NA	NA	**2.26**	9	1.91 j
<1	NA	20.8	NA	NA	NA	**1.36**	NA	1.78 j
0.344 j	NA	26.3	NA	NA	NA	**2.01**	NA	<10
<1	NA	98.6	**0.242**	NA	NA	**18.1**	63	13
<1	NA	60	<0.2	NA	NA	**1.34**	<5	7
2.74	NA	224	**0.277 B2**	NA	NA	**2.2**	74	<5
3.99	NA	201	<0.2 B3	NA	NA	**2.49**	27	<5
2.01	NA	133	<0.2	NA	NA	**2.01**	15	NA
<1	NA	97.7	<0.2	NA	NA	**0.94**	6	NA
<1	NA	98.8 B2,,B3	<0.2	NA	NA	<0.3	<5	<5
0.337 j	NA	92	0.085 j	NA	NA	**1**	2.509 j	2.928 j
<1	NA	66.8 B2,M4	<0.2	NA	NA	**0.792**	3.759 j	<5
<1	NA	72.4	<0.2	NA	NA	**0.676**	<5	1.884 j
<1	NA	60.3	NA	NA	NA	**0.665**	NA	3.259 j
<1	NA	60	NA	NA	NA	**0.624**	NA	3.563 j
<1	NA	31.1	<0.2	NA	NA	**20.7**	14	<5
<1	NA	30.6	<0.2	NA	NA	**15.6**	7	<5
<1	NA	37.8 M4	<0.2	NA	NA	**14.4 B2**	<5	<5
<1	NA	23.4	<0.2	NA	NA	**0.764**	27	NA
<1	NA	27.5	<0.2	NA	NA	**0.416**	<5	NA
<1	NA	31.2	<0.2	NA	NA	**0.322**	8	<5
<1	NA	64.1	<0.2	NA	NA	**0.687**	8	1.756 j
<1	NA	36.5	<0.2	NA	NA	0.241 j,B2	<5	5
<1	NA	83.5	<0.2	NA	NA	0.258 j	2.354 j	3.033 j
<1	NA	52.6	NA	NA	NA	0.243 j	NA	2.055 j
<1	NA	78.6	NA	NA	NA	**0.395**	NA	18
<1	NA	34.9	<0.2	NA	NA	NA	NA	NA
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<1	NA	34.8	<0.2	NA	NA	NA	NA	NA
<1	NA	37.9	<0.2	NA	NA	NA	NA	NA
<1	NA	36.5	<0.2	NA	NA	NA	NA	NA
<1	NA	35.6	<0.2	NA	NA	NA	NA	NA

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<1	NA	40.3 M4	0.195 j	NA	NA	NA	NA	NA
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<1	NA	40.9	<0.2	NA	NA	NA	NA	NA
<1	NA	41.6	<0.2	NA	NA	NA	NA	NA
<1	NA	73.1	<0.2	NA	NA	NA	NA	NA
<1	NA	94.8 M4	<0.2	NA	NA	NA	NA	NA
<1	NA	80.8	<0.2	NA	NA	NA	NA	NA
<1	NA	78.7	<0.2	NA	NA	NA	NA	NA
<1	NA	75.5	<0.2	NA	NA	NA	NA	NA
<1	NA	74.1	<0.2	NA	NA	NA	NA	NA
<1	NA	82.7	<0.2	NA	NA	NA	NA	NA
<1	NA	80.3	<0.2	NA	NA	NA	NA	NA
<1	NA	75.9	<0.2	NA	NA	NA	NA	NA
<1	NA	73.4	<0.2	NA	NA	NA	NA	NA
<1	NA	72.9	0.091 j	NA	NA	NA	NA	NA
<1	NA	75.4	<0.2	NA	NA	NA	NA	NA
<1	NA	75.9	<0.2	NA	NA	NA	NA	NA
<1	NA	75	<0.2	NA	NA	NA	NA	NA
<1	NA	26.3	<0.2	NA	NA	NA	NA	NA
<1	NA	29.9	<0.2	NA	NA	NA	NA	NA
<1	NA	27.7	<0.2	NA	NA	NA	NA	NA
<1	NA	25.7	<0.2	NA	NA	NA	NA	NA
<1	NA	21.1	<0.2	NA	NA	NA	NA	NA
<1	NA	18	<0.2 B3	NA	NA	NA	NA	NA
<1	NA	18.3 B1	<0.2	NA	NA	NA	NA	NA
<1	NA	16.8	<0.2	NA	NA	NA	NA	NA
<1	NA	15.6	<0.2	NA	NA	NA	NA	NA
<1	NA	16.3	<0.2	NA	NA	NA	NA	NA
<1	NA	15.8	<0.2	NA	NA	NA	NA	NA
<1	NA	15.5	<0.2	NA	NA	NA	NA	NA
<1	NA	15.5	<0.2	NA	NA	NA	NA	NA
<1	NA	17.1	<0.2	NA	NA	NA	NA	NA
<1	NA	23.2	<0.2	NA	NA	NA	NA	NA
<1	NA	22.2	<0.2	NA	NA	NA	NA	NA
<1	NA	22.1	<0.2	NA	NA	NA	NA	NA
<1	NA	23.1	<0.2	NA	NA	NA	NA	NA
<1	NA	22.2	<0.2	NA	NA	NA	NA	NA
<1	NA	21.8	<0.2 B3	NA	NA	NA	NA	NA
<1	NA	23.1 B1	<0.2	NA	NA	NA	NA	NA
<1	NA	21.1	<0.2	NA	NA	NA	NA	NA
<1	NA	23	<0.2	NA	NA	NA	NA	NA

<1	NA	21.5	<0.2	NA	NA	NA	NA	NA
<1	NA	21.9	<0.2	NA	NA	NA	NA	NA
<1	NA	21.1	<0.2	NA	NA	NA	NA	NA
<1	NA	21.3	<0.2	NA	NA	NA	NA	NA
<1	NA	21.1	<0.2	NA	NA	NA	NA	NA
<1	NA	28.7	<0.2	NA	NA	NA	NA	NA
<1	NA	28.1	<0.2	NA	NA	NA	NA	NA
<1	NA	28	<0.2	NA	NA	NA	NA	NA
<1	NA	24.6	<0.2 B2	NA	NA	NA	NA	NA
<1	NA	27.5	<0.2	NA	NA	NA	NA	NA
<1	NA	27.7	<0.2 B3	NA	NA	NA	NA	NA
<1	NA	29.1 B1	<0.2	NA	NA	NA	NA	NA
<1	NA	28.1	<0.2	NA	NA	NA	NA	NA
<1	NA	29.1	<0.2	NA	NA	NA	NA	NA
<1	NA	28.4	<0.2	NA	NA	NA	NA	NA
<1	NA	28.5	<0.2	NA	NA	NA	NA	NA
<1	NA	28.1	<0.2	NA	NA	NA	NA	NA
<1	NA	29.3	<0.2	NA	NA	NA	NA	NA
<1	NA	29.1 B2	<0.2	NA	NA	**5.43**	4.861 j	2.673 j
<1	NA	29.7	<0.2	NA	NA	NA	NA	NA
3.25	NA	67.6	<0.2	NA	NA	NA	NA	NA
3.15	NA	42	<0.2	NA	NA	NA	NA	NA
<1	NA	37.2	<0.2	NA	NA	NA	NA	NA
2.34	NA	36.8	<0.2 B2	NA	NA	NA	NA	NA
2.13	NA	38.5	<0.2	NA	NA	NA	NA	NA
1.17	NA	35	<0.2 B3	NA	NA	NA	NA	NA
1.48	NA	37.6 B1	<0.2	NA	NA	NA	NA	NA
<1	NA	35.1	<0.2	NA	NA	NA	NA	NA
<1	NA	35.8	<0.2	NA	NA	NA	NA	NA
<1	NA	35.9	<0.2	NA	NA	NA	NA	NA
2.06	NA	38.5	<0.2	NA	NA	NA	NA	NA
1.98	NA	38.3	<0.2	NA	NA	NA	NA	NA
0.663 j	NA	37.5	<0.2	NA	NA	NA	NA	NA
<1	NA	36	<0.2	NA	NA	NA	NA	NA
47.9	NA	102	<0.2	NA	NA	NA	NA	NA
29.7	NA	99.8	<0.2	NA	NA	NA	NA	NA
34.2	NA	91.8	<0.2	NA	NA	NA	NA	NA
41.8	NA	89.9	<0.2 B2	NA	NA	NA	NA	NA
36.3	NA	89.6	<0.2	NA	NA	NA	NA	NA
32.8	NA	89.7	<0.2	NA	NA	NA	NA	NA
34.3	NA	91.2 M4	<0.2	NA	NA	NA	NA	NA
29.2	NA	92.3	<0.2	NA	NA	NA	NA	NA
33.6	NA	91.4	<0.2	NA	NA	NA	NA	NA
30.3	NA	93	<0.2	NA	NA	**3.05**	24	8
30.3	NA	91.4	<0.2	NA	NA	NA	NA	NA

27.4	NA	89.5	<0.2	NA	NA	NA	NA	NA
25.5	NA	89	<0.2	NA	NA	NA	NA	NA
15.8	NA	95.4	<0.2	NA	NA	NA	NA	NA
16.6	NA	90.5	<0.2	NA	NA	NA	NA	NA
6.83	NA	68.5	<0.2	NA	NA	NA	NA	NA
7.59	NA	68.9	<0.2	NA	NA	NA	NA	NA
8.07	NA	60.3	<0.2	NA	NA	NA	NA	NA
8.53	NA	63.5	<0.2 B2	NA	NA	NA	NA	NA
9.68	NA	71	<0.2 B3	NA	NA	NA	NA	NA
10.1	NA	63.8	<0.2	NA	NA	NA	NA	NA
10.5	NA	70.3	<0.2	NA	NA	NA	NA	NA
10.5	NA	62	<0.2	NA	NA	NA	NA	NA
10.5	NA	57.6	<0.2	NA	NA	NA	NA	NA
10.6	NA	56.5	<0.2	NA	NA	NA	NA	NA
12.7	NA	68.7	<0.2	NA	NA	NA	NA	NA
12.7	NA	63.8	0.121 j	NA	NA	NA	NA	NA
12.8	NA	72.2	<0.2	NA	NA	NA	NA	NA
12.7	NA	60.2	<0.2	NA	NA	NA	NA	NA
<1	NA	35	<0.2	NA	NA	NA	NA	NA
<1	NA	33.4	<0.2	NA	NA	NA	NA	NA
<1	NA	32.5	<0.2	NA	NA	NA	NA	NA
<1	NA	31.7	<0.2 B2	NA	NA	NA	NA	NA
<1	NA	38.3	<0.2 B3	NA	NA	NA	NA	NA
<1	NA	32.8	<0.2	NA	NA	NA	NA	NA
<1	NA	34.7	<0.2	NA	NA	NA	NA	NA
<1	NA	33.3	<0.2 B3	NA	NA	NA	NA	NA
<1	NA	35	<0.2	NA	NA	NA	NA	NA
<1	NA	36.6	<0.2	NA	NA	NA	NA	NA
<1	NA	36.9	<0.2	NA	NA	NA	NA	NA
<1	NA	37.5	<0.2	NA	NA	NA	NA	NA
<1	NA	39	<0.2	NA	NA	NA	NA	NA
<1	NA	40.3	<0.2	NA	NA	NA	NA	NA
<1	NA	31.8	<0.2	NA	NA	NA	NA	NA
<1	NA	32.7	<0.2	NA	NA	NA	NA	NA
<1	NA	34	<0.2	NA	NA	NA	NA	NA
<1	NA	35.8	<0.2 B2	NA	NA	NA	NA	NA
<1	NA	39.2	<0.2 B3	NA	NA	NA	NA	NA
<1	NA	37.8	<0.2	NA	NA	NA	NA	NA
<1	NA	39.6	<0.2	NA	NA	NA	NA	NA
<1	NA	29.8	<0.2	NA	NA	NA	NA	NA
<1	NA	34.4	<0.2	NA	NA	NA	NA	NA
<1	NA	41.8	<0.2	NA	NA	NA	NA	NA
0.545 j	NA	36.8	<0.2	NA	NA	NA	NA	NA
<1	NA	42.9	<0.2	NA	NA	**12.5**	1.728 j	1.878 j
0.39 j	NA	41.2	<0.2	NA	NA	NA	NA	NA

0.46 j	NA	38.1	<0.2	NA	NA	NA	NA	NA
0.359 j	NA	38.5	<0.2	NA	NA	NA	NA	NA
20.5	NA	94.4	<0.2	NA	NA	NA	NA	NA
17	NA	96.9	<0.2	NA	NA	NA	NA	NA
16.1	NA	89.9	<0.2	NA	NA	NA	NA	NA
19.3	NA	89.1	<0.2 B2	NA	NA	NA	NA	NA
17.1	NA	92.2	<0.2	NA	NA	NA	NA	NA
15.3	NA	95.6	<0.2	NA	NA	NA	NA	NA
12	NA	106	<0.2	NA	NA	NA	NA	NA
9.79	NA	95.6 M4	<0.2	NA	NA	NA	NA	NA
15.7	NA	101	<0.2	NA	NA	NA	NA	NA
27.8	NA	98.2	<0.2	NA	NA	NA	NA	NA
14.2	NA	97.8	<0.2	NA	NA	NA	NA	NA
19.2	NA	100	<0.2	NA	NA	**6.26**	3.1 j	<5
16.9	NA	100	<0.2	NA	NA	NA	NA	NA
41.2	NA	109	<0.2	NA	NA	NA	NA	NA
42.7	NA	104	<0.2	NA	NA	NA	NA	NA
<1	NA	43.2	<0.2	NA	NA	NA	NA	NA
<1	NA	37.1	<0.2	NA	NA	NA	NA	NA
<1	NA	35	<0.2	NA	NA	NA	NA	NA
<1	NA	35	<0.2 B2	NA	NA	NA	NA	NA
<1	NA	35.9	<0.2	NA	NA	NA	NA	NA
<1	NA	36.4	<0.2	NA	NA	NA	NA	NA
<1	NA	36.8 M4	<0.2	NA	NA	NA	NA	NA
<1	NA	36.3	<0.2	NA	NA	NA	NA	NA
<1	NA	38.6	<0.2	NA	NA	NA	NA	NA
<1	NA	36.5	<0.2	NA	NA	NA	NA	NA
<1	NA	39.1	0.15 j	NA	NA	NA	NA	NA
<1	NA	40.9	<0.2	NA	NA	NA	NA	NA
0.459 j	NA	42.6	<0.2	NA	NA	NA	NA	NA
<1	NA	41.2	<0.2	NA	NA	NA	NA	NA
25.8	NA	99.7	<0.2	NA	NA	NA	NA	NA
24.3	NA	92.8	<0.2	NA	NA	NA	NA	NA
16.9	NA	94	<0.2	NA	NA	NA	NA	NA
16.2	NA	93.8	<0.2 B2	NA	NA	NA	NA	NA
14.2	NA	95.5	<0.2	NA	NA	NA	NA	NA
21	NA	99.1	<0.2	NA	NA	NA	NA	NA
22.1	NA	89	<0.2	NA	NA	NA	NA	NA
32.8	NA	93.6	<0.2	NA	NA	NA	NA	NA
29.9	NA	89	<0.2	NA	NA	NA	NA	NA
18.2	NA	46.7	<0.2	NA	NA	NA	NA	NA
81.6	NA	89.5	0.124 j	NA	NA	NA	NA	NA
49.5	NA	82.5	0.084 j	NA	NA	NA	NA	NA
41.3	NA	63.3	0.127 j	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

24.8	NA	79.3	0.179 j	NA	NA	NA	NA	NA
161	NA	77.4 M4	**0.68**	NA	NA	NA	NA	NA
168	NA	72.7	<0.2	NA	NA	NA	NA	NA
129	NA	67.4 M4	**0.211**	NA	NA	NA	NA	NA
114	NA	62.4	<0.2 B2	NA	NA	NA	NA	NA
99.4	NA	63.3	<0.2	NA	NA	NA	NA	NA
110	NA	60.7	<0.2	NA	NA	NA	NA	NA
111	NA	61.7	<0.2	NA	NA	NA	NA	NA
107	NA	62.9	<0.2	NA	NA	NA	NA	NA
93.5	NA	65.1	<0.2	NA	NA	NA	NA	NA
71.6	NA	59.5	<0.2	NA	NA	NA	NA	NA
117	NA	62.7	<0.2	NA	NA	NA	NA	NA
195	NA	76.9	<0.2	NA	NA	NA	NA	NA
299	NA	90.8	<0.2	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
159	NA	85.7	<0.2	NA	NA	NA	NA	NA
<1	NA	12.6	<0.2	NA	NA	NA	NA	NA
<1	NA	23.8	<0.2	NA	NA	NA	NA	NA
<1	NA	26.6	<0.2	NA	NA	NA	NA	NA
<1	NA	22.5	<0.2 B2	NA	NA	NA	NA	NA
<1	NA	23.4	<0.2	NA	NA	NA	NA	NA
<1	NA	20.3	<0.2	NA	NA	NA	NA	NA
<1	NA	21.5	<0.2	NA	NA	NA	NA	NA
<1	NA	26.8	<0.2	NA	NA	NA	NA	NA
<1	NA	21.7	<0.2	NA	NA	NA	NA	NA
<1	NA	23.1	<0.2	NA	NA	NA	NA	NA
<1	NA	22	<0.2	NA	NA	NA	NA	NA
<1	NA	21.6	<0.2	NA	NA	NA	NA	NA
<1	NA	20.6	0.088 j	NA	NA	NA	NA	NA
<1	NA	23.8	<0.2	NA	NA	NA	NA	NA
<1	NA	19.7	<0.2	NA	NA	**1.25**	6	1.692 j
<1	NA	35.2 B2,M4	<0.2	NA	NA	**1.5**	8	2.553 j
<1	NA	30.3	<0.2	NA	NA	NA	NA	NA
<1	NA	32.4	<0.2	NA	NA	**1.32**	3.805 j	2.832 j
0.345 j	NA	32.9	<0.2	NA	NA	NA	NA	NA
<1	NA	28.6	<0.2	NA	NA	**1.56**	3.992 j	3.071 j
<1	NA	36.5 M1	NA	NA	NA	**2.04**	NA	2.533 j
1.06	NA	33.5	<0.2	NA	NA	NA	NA	NA
<1	NA	37.5	NA	NA	NA	**1.97**	NA	<10
0.38 j	NA	32 B2	<0.2	NA	NA	**2.54**	4.074 j	3.091 j
<1	NA	33.2	<0.2	NA	NA	NA	NA	NA
0.352 j	NA	37.3	<0.2	NA	NA	**3.35**	8	2.633 j
<1	NA	33.1	<0.2	NA	NA	NA	NA	NA
<1	NA	32.1	<0.2	NA	NA	**3.63**	2.823 j	2.246 j
<1	NA	33	NA	NA	NA	**3.7**	NA	1.876 j

<1	NA	33.1	<0.2	NA	NA	NA	NA	NA
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<1	NA	38.4	<0.2	NA	NA	NA	NA	NA
<1	NA	42.3	<0.2	NA	NA	NA	NA	NA
<1	NA	37.1	<0.2	NA	NA	NA	NA	NA
<1	NA	37.4	<0.2	NA	NA	NA	NA	NA
<1	NA	39.1	<0.2 B3	NA	NA	NA	NA	NA
<1	NA	38.9	<0.2	NA	NA	NA	NA	NA
<1	NA	39.8	<0.2	NA	NA	NA	NA	NA
<1	NA	40.5	<0.2	NA	NA	NA	NA	NA
<1	NA	40.7 B2	<0.2	NA	NA	NA	NA	NA
<1	NA	38.7	<0.2	NA	NA	NA	NA	NA
<1	NA	39.9	<0.2	NA	NA	NA	NA	NA
<1	NA	41.7	<0.2	NA	NA	NA	NA	NA
0.346 j	NA	<0.05	<0.2	NA	NA	NA	NA	NA
<1	NA	40.3	<0.2	NA	NA	NA	NA	NA
<1	NA	278	<0.2	NA	NA	NA	NA	NA
<1	NA	288 M4	<0.2	NA	NA	NA	NA	NA
<1	NA	297	<0.2	NA	NA	NA	NA	NA
<1	NA	278	<0.2	NA	NA	NA	NA	NA
<1	NA	299	<0.2 B3	NA	NA	NA	NA	NA
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<1	NA	293	<0.2	NA	NA	NA	NA	NA
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<1	NA	277	<0.2	NA	NA	NA	NA	NA
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<1	NA	137 M4	<0.2	NA	NA	NA	NA	NA
<1	NA	139	<0.2	NA	NA	NA	NA	NA
0.355 j	NA	137	0.095 j	NA	NA	NA	NA	NA
0.419 j	NA	139	<0.2	NA	NA	**4.12**	<5	<5
0.456 j	NA	137	<0.2	NA	NA	NA	NA	NA
0.483 j	NA	140	<0.2	NA	NA	NA	NA	NA
0.37 j	NA	143	<0.2	NA	NA	NA	NA	NA

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0.52 j	NA	169	<0.2	NA	NA	**4.8**	3.271 j	<5
0.404 j	NA	164	<0.2	NA	NA	NA	NA	NA
0.551 j	NA	165	<0.2	NA	NA	NA	NA	NA
0.485 j	NA	163	<0.2	NA	NA	NA	NA	NA
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<1	NA	73.9	**0.211**	NA	NA	NA	NA	NA
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<1	NA	32.5	**0.499**	NA	NA	NA	NA	NA
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<1	NA	53 M4	<0.2	NA	NA	NA	NA	NA
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<1	NA	50 B2	<0.2	NA	NA	NA	NA	NA
<1	NA	51.9	<0.2	NA	NA	NA	NA	NA
1.01	NA	60.7 B2	0.175 j	NA	NA	NA	NA	NA
1.63	NA	70.8	<0.2	NA	NA	NA	NA	NA
2.16	NA	75.3 M1	0.115 j	NA	NA	NA	NA	NA
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<1	NA	57.5 B2	0.144 j	NA	NA	NA	NA	NA
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0.352 j	NA	54.5	<0.2	NA	NA	NA	NA	NA
0.443 j	NA	53.6	<0.2	NA	NA	NA	NA	NA
0.384 j	NA	46	<0.2	NA	NA	NA	NA	NA
1.11	NA	59.1	<0.2	NA	NA	NA	NA	NA
1.38	NA	53.3	<0.2	NA	NA	NA	NA	NA
1.4	NA	54.1	<0.2	NA	NA	NA	NA	NA

1.53	NA	54.7	<0.2	NA	NA	NA	NA	NA
1.27	NA	53.2	<0.2	NA	NA	NA	NA	NA
1.16	NA	53.3	<0.2	NA	NA	NA	NA	NA
1.16	NA	53.8	<0.2	NA	NA	NA	NA	NA
1.55	NA	53	<0.2	NA	NA	NA	NA	NA
1.1	NA	52.4	<0.2	NA	NA	NA	NA	NA
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1.07	NA	56.4	<0.2	NA	NA	NA	NA	NA
1.02	NA	60.9	<0.2	NA	NA	NA	NA	NA
1.08	NA	63.1	<0.2	NA	NA	NA	NA	NA
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0.413 j	NA	31.8	<0.2	NA	NA	NA	NA	NA
0.526 j	NA	37.7	<0.2	NA	NA	NA	NA	NA
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<1	NA	34.4	0.176 j	NA	NA	**4.46**	<5	<10
<1	NA	160	<0.2	NA	NA	**2.15**	<5	1.945 j

0.653 j	NA	142	<0.2	NA	NA	**1.94**	1.877 j	1.738 j
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<1	NA	712	<0.2	NA	NA	**1.22**	6	5.703 j
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14.3	NA	27.4	<0.2	NA	NA	**4.64**	5	5.668 j
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<1	NA	17.6	<0.2	NA	NA	**0.979**	4.399 j	3.308 j
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8.43	NA	NA	<0.2	NA	NA	NA	10	NA
8.84	NA	NA	<0.2	NA	NA	NA	<5	NA
8.23	NA	NA	<0.2	NA	NA	NA	<5	NA
8.41	NA	NA	<0.2	NA	NA	NA	<5	NA
6.28	NA	NA	<0.2	NA	NA	NA	8	NA
5.26	NA	60.5	**0.212**	NA	NA	NA	<5	NA
5.17	NA	57.1	<0.2	NA	NA	**20.8**	<5	NA
6.47	NA	51.3	**0.737**	NA	NA	**25.4**	<5	<5
4.94	NA	59.2	<0.2	NA	NA	**22.7**	<5	NA
1.8	NA	58.1	<0.2	NA	NA	**19.4**	<5	21
<1	NA	71.8	<0.2	NA	NA	**14.8**	<5	5
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<1	NA	62.8	<0.2	NA	NA	**14.3**	7	NA
1.06	NA	62.8 B3	<0.2 B3	NA	NA	**17.6**	<5	<5
1.77	NA	61	<0.2	NA	NA	**21.4**	<5	<5
1.56	NA	65.9 M4	<0.2	NA	NA	**22.6**	<5	NA
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1.15	NA	68.1 M4	<0.2 B2	NA	NA	**32**	5	NA
<1	NA	67.1 B3	<0.2	NA	NA	**23.2**	<5	<5
0.747 j	NA	72.7	<0.2	NA	NA	**28.1**	<5	6
<1	NA	70.4	<0.2	NA	NA	**28.8**	<5	NA

0.51 j	NA	69.6	0.179 j	NA	NA	**22.2**	1.919 j	3.051 j
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0.544 j	NA	77	<0.2	NA	NA	**24.7**	<5	3.967 j
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<1	NA	77.9	NA	NA	NA	**17.9**	NA	11 B
<1	NA	77.3	<0.2	NA	NA	**18**	<5	NA
<1	NA	76.7	<0.2	NA	NA	**21.4**	5	NA
<1	NA	81.5	NA	NA	NA	**27.5**	NA	2.87 j
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<1	NA	69.1	<0.2 B2	NA	NA	**38.3**	<5	NA
<1	NA	69.4 B2,,B3	<0.2	NA	NA	**33.6**	<5	6
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<1	NA	13.4	<0.2	NA	NA	**14.5**	3.287 j	22
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0.433 j	NA	53.7	<0.2	NA	NA	**3.7**	<5	2.328 j
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<1	NA	32.3	NA	NA	NA	**2.06**	NA	7.064 j,B
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0.467 j	NA	41.3	<0.2	NA	NA	**2.18**	2.161 j	2.172 j
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<1	NA	28.8	<0.2	NA	NA	**25.1**	1.916 j	1.946 j
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<1	NA	27.9 M4	<0.2	NA	NA	**33.5**	<5	2.454 j
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<1	NA	30.1	NA	NA	NA	**27.1**	NA	11 B
<1	NA	30	<0.2	NA	NA	**27.7**	<5	NA
<1	NA	35.8	<0.2	NA	NA	**18.5**	8	NA
<1	NA	34.8	NA	NA	NA	**21.8**	NA	2.376 j
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2.34	NA	15.9	<0.2	NA	NA	NA	NA	NA
1.62	NA	12.8	<0.2	NA	NA	NA	NA	NA
1.36	NA	13.6	<0.2	NA	NA	NA	NA	NA
2.18	NA	14.4	<0.2 B2	NA	NA	NA	NA	NA
1.41	NA	15	<0.2	NA	NA	NA	NA	NA
5.17	NA	13.9	<0.2 B3	NA	NA	NA	NA	NA
11.5	NA	13.8 B1	<0.2	NA	NA	NA	NA	NA
5.82	NA	14.3	<0.2	NA	NA	NA	NA	NA
<1	NA	19.8	<0.2	NA	NA	NA	NA	NA
<1	NA	18.1	<0.2	NA	NA	NA	NA	NA
10.2	NA	14.1	<0.2	NA	NA	NA	NA	NA
11	NA	14.6	<0.2	NA	NA	NA	NA	NA
5.18	NA	14	<0.2	NA	NA	NA	NA	NA
<1	NA	19.7	<0.2	NA	NA	NA	NA	NA
4.13	NA	46.9	<0.2	NA	NA	NA	NA	NA

3.91	NA	45.2	<0.2	NA	NA	NA	NA	NA
4.03	NA	46.8	<0.2	NA	NA	NA	NA	NA
4.26	NA	49.5	<0.2 B2	NA	NA	NA	NA	NA
4.21	NA	48.2	<0.2	NA	NA	NA	NA	NA
4.23	NA	46.8	<0.2 B3	NA	NA	NA	NA	NA
4.38	NA	48.6 B1	<0.2	NA	NA	NA	NA	NA
3.38	NA	47.4	<0.2	NA	NA	NA	NA	NA
3.77	NA	47	<0.2	NA	NA	NA	NA	NA
3.48	NA	47.5	<0.2	NA	NA	NA	NA	NA
3.85	NA	47.9	<0.2	NA	NA	NA	NA	NA
3.16	NA	47.6	<0.2	NA	NA	NA	NA	NA
3.21	NA	50.7	<0.2	NA	NA	NA	NA	NA
2.49	NA	48.4 B2	0.148 j	NA	NA	**9.35**	2.606 j	<10
2.57	NA	49.6	<0.2	NA	NA	NA	NA	NA
96	<5	NA	NA	NA	NA	NA	49	NA
101	<5	NA	NA	NA	NA	NA	17	NA
93	<5	NA	NA	NA	NA	NA	248	NA
105	<5	NA	NA	NA	NA	NA	16	NA
94	<5	NA	NA	NA	NA	NA	47	NA
88	<5	NA	NA	NA	NA	NA	62	NA
96	<2	NA	NA	NA	NA	NA	10	NA
86	<5	NA	NA	NA	NA	NA	216	NA
98	<5	NA	NA	NA	NA	NA	18	NA
81	<5	NA	NA	NA	NA	NA	232	NA
76	<5	NA	NA	NA	NA	NA	614	NA
71.2	<2	NA	NA	NA	NA	NA	540	NA
74.4	<1.9	NA	NA	NA	NA	NA	<3.8	NA
68.1	4.5	NA	**5.2**	NA	NA	NA	7.8	NA
56.6	2.6	NA	<4.8	NA	NA	NA	5.7	NA
61	3.6	NA	<3	NA	NA	NA	10	NA
73.2	<0.5	NA	<10	NA	NA	NA	32.3	NA
59.9	1	NA	<0.1	NA	NA	NA	7.6	NA
60.4	<5	NA	<0.1	NA	NA	NA	<10	NA
85	1.6 J	NA	0.061 JB	NA	NA	NA	5.7 JB	NA
62.8	2.2 JB	NA	<0.1	NA	NA	NA	10 JB	NA
77.3	<5	NA	<0.2	NA	NA	NA	<5	NA
82.4	<5	NA	<0.2	NA	NA	NA	<5	NA
82.1	<5	NA	<0.2	NA	NA	NA	<5	NA
77.3	<5	NA	<0.2	NA	NA	NA	<5	NA
89.7	7	NA	<0.2	NA	NA	NA	<5	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
94.3	NA	102	<0.2	NA	NA	**4.17**	<5	<5
73.2	<0.7	NA	<0.133	NA	NA	NA	<2.6	NA
68.3	<5	NA	**0.215**	NA	NA	NA	<5	NA
85.3	NA	108	<0.2	NA	NA	NA	NA	NA

80.2	NA	112	<0.2	NA	NA	NA	NA	NA
77.5	NA	104 M4	<0.2	NA	NA	NA	NA	NA
75.1	NA	98.7	<0.2	NA	NA	**5.14**	<5	191
81.6	<5	NA	<0.2 B2	NA	NA	NA	<5	NA
80.6	NA	98.9	<0.2 B2	NA	NA	NA	NA	NA
80.5	NA	101	<0.2	NA	NA	NA	NA	NA
77.2	NA	106	<0.2 B3	NA	NA	**4.49**	<5	<5
79.1	NA	108	<0.2	NA	NA	NA	NA	NA
72.9	NA	110	<0.2	NA	NA	**4.39**	<5	<5
74.5	<5	NA	0.173 j	NA	NA	NA	<5 B3	NA
73.7	NA	116	<0.2	NA	NA	NA	NA	NA
70	NA	93.8	<0.2	NA	NA	**4.14**	<5	NA
68.6	NA	107	<0.2	NA	NA	NA	NA	NA
75.7	NA	107	<0.2	NA	NA	NA	NA	NA
64.9	NA	108	<0.2	NA	NA	**4.26**	<5	NA
69.6	<5	NA	<0.2	NA	NA	NA	<5	NA
62.9	NA	105	<0.2	NA	NA	**4.12**	28	<5
66.3	NA	105	<0.2	NA	NA	NA	NA	NA
64.8	NA	110	<0.2	NA	NA	**4.18**	<5	2.042 j
60.8	<1	NA	0.106 j	NA	NA	NA	<5	NA
61.3	NA	110	<0.2	NA	NA	NA	NA	NA
61	NA	112	<0.2	NA	NA	**4.25**	<5	<5
57.3	NA	110	0.091 j	NA	NA	NA	NA	NA
57.6	NA	112	<0.2	NA	NA	**4.14**	<5	1.701 j
57.7	0.389 j	NA	0.197 j	NA	NA	NA	2.39 j	NA
49.3	NA	112	0.088 j	NA	NA	NA	NA	NA
50.8	NA	114	NA	NA	NA	**4.19**	NA	<10
46.5	<1	NA	<0.2	NA	NA	NA	<5	NA
47.8	NA	108	<0.2	NA	NA	NA	NA	NA
46.6	NA	115	NA	NA	NA	**4.18**	NA	<10
49.5	<1	NA	<0.2	NA	NA	NA	3.16 j	NA
<2	<5	NA	NA	NA	NA	NA	29	NA
4	<5	NA	NA	NA	NA	NA	<5	NA
4	<5	NA	NA	NA	NA	NA	6	NA
4	<5	NA	NA	NA	NA	NA	8	NA
4	<10	NA	NA	NA	NA	NA	8	NA
4	<5	NA	NA	NA	NA	NA	27	NA
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370	<5	NA	NA	NA	NA	NA	256	NA
3	<5	NA	NA	NA	NA	NA	<10	NA
8	<5	NA	NA	NA	NA	NA	203	NA
9	<5	NA	NA	NA	NA	NA	376	NA
<2	<2	NA	NA	NA	NA	NA	1.6	NA
<2.7	<1.9	NA	NA	NA	NA	NA	<3.8	NA
<3.4	1.7	NA	**5.2**	NA	NA	NA	3.9	NA

<2.7	<1.9	NA	**5.2**	NA	NA	NA	5.4	NA
7.7	<0.5	NA	<3	NA	NA	NA	7.7	NA
0.73	<0.5	NA	<10	NA	NA	NA	<5	NA
<10	0.25 JB	NA	<0.1	NA	NA	NA	18.4	NA
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6.2	<0.7	NA	<0.133	NA	NA	NA	<2.6	NA
11.6	<5	NA	<0.2	NA	NA	NA	<5	NA
10.3	<5	NA	<0.2	NA	NA	NA	<5	NA
10.1	NA	98.2	<0.2	NA	NA	**7.39**	<5	<5
9.87	NA	98.8 B3	<0.2 B3	NA	NA	**6.81**	<5	<5
8.36	NA	96.7	<0.2 B3	NA	NA	**6.58**	<5	<5
8.74	<5	NA	<0.2	NA	NA	NA	<5 B3	NA
8.84	NA	96.9	<0.2	NA	NA	**6.59**	<5	NA
6.54	NA	99.6	<0.2	NA	NA	**6.45**	<5	NA
7.15	<5	NA	<0.2	NA	NA	NA	<5	NA
5.99	NA	103	<0.2	NA	NA	**6.84**	<5	<5
13.1	NA	108	<0.2	NA	NA	**7.05**	<5	<5
13.1	<1	NA	<0.2	NA	NA	NA	<5	NA
12	NA	106	0.092 j	NA	NA	**6.86**	3.006 j	<5
17.5	NA	107	<0.2	NA	NA	**7.15**	<5	<5
16.8	<1	NA	<0.2	NA	NA	NA	3.54 j	NA
16.3	NA	163	NA	NA	NA	**5.44**	NA	2.157 j
15.7	0.744 j	NA	<0.2	NA	NA	NA	1.82 j	NA
14.2	0.68 j	NA	0.164 j	NA	NA	NA	3.54 j	NA
12.8	NA	144	NA	NA	NA	**5.36**	NA	<10
14.4	0.566 j	NA	<0.2	NA	NA	NA	<5	NA
<2	<5	NA	NA	NA	NA	NA	25	NA
12	<5	NA	NA	NA	NA	NA	6	NA
15	<5	NA	NA	NA	NA	NA	7	NA
23	<5	NA	NA	NA	NA	NA	6	NA
17	<5	NA	NA	NA	NA	NA	6	NA
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12	<5	NA	NA	NA	NA	NA	116	NA
16	<5	NA	NA	NA	NA	NA	304	NA

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<3.4	4.1	NA	**6.8**	NA	NA	NA	5.6	NA
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<0.5	<0.5	NA	<10	NA	NA	NA	9.6	NA
<10	0.61 JB	NA	<0.1	NA	NA	NA	49.3	NA
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<10	1.1 JB	NA	0.099 JB	NA	NA	NA	11.8 B	NA
<10	1.5 JB	NA	<0.1	NA	NA	NA	13.1 B	NA
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<1	<5	NA	<0.2	NA	NA	NA	31	NA
1.03	NA	87.3	<0.2	NA	NA	**1.84**	102	<5
0.267 j	1.34 j	NA	<0.133	NA	NA	NA	8.52	NA
0.103 j	<5	NA	0.144 j	NA	NA	NA	7.97	NA
<1	<5	NA	<0.2	NA	NA	NA	3.88 J	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.314 j	<5	NA	<0.2 B2	NA	NA	NA	4.56 j	NA
<1	NA	82.9 B3	<0.2 B3	NA	NA	**2.16**	5	<5
<1	NA	85.2	<0.2 B3	NA	NA	**1.78**	6	<5
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<1	NA	83.7	<0.2	NA	NA	**1.64**	6	NA
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<1	<1	NA	0.199 j	NA	NA	NA	1.64 j	NA
<1	NA	82.7	<0.2	NA	NA	**2**	3.954 j	2.089 j
<1	NA	88.1 B2	<0.2	NA	NA	**2.32**	40	3.226 j
<1	NA	86.3	<0.2	NA	NA	**2.29**	29	2.592 j
0.38 j	NA	88.5 M4	<0.2	NA	NA	**2.17**	37	2.835 j
0.324 j	<1	NA	<0.2	NA	NA	NA	37.4	NA
0.352 j	NA	86.2	<0.2	NA	NA	**1.96**	30	1.985 j
<1	NA	90.5	NA	NA	NA	**2.2**	NA	6.657 j
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<1	NA	79.3	0.179 j	NA	NA	**2.47**	14	2.507 j
<1	NA	71.1	<0.2	NA	NA	**2.55**	17	2.005 j
0.306 j	<1	NA	0.143 j	NA	NA	NA	13.3	NA
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<10	0.15 B	NA	<0.1	NA	NA	NA	<10	NA
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<10	0.41 JB	NA	0.08 JB	NA	NA	NA	8 JB	NA
<10	1.1 JB	NA	<0.1	NA	NA	NA	24.6 B	NA
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<1	NA	22.7	**0.259**	NA	NA	**3.24**	<5	<5
0.177 j	1.48 j	NA	<0.133	NA	NA	NA	<2.6	NA
0.23 j	<5	NA	<0.2	NA	NA	NA	<5	NA
<1	NA	22.5	<0.2	NA	NA	NA	NA	NA
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<1	NA	22.5	<0.2	NA	NA	NA	NA	NA
<1	NA	22.3	<0.2	NA	NA	**4.08**	<5	<5
0.155 j	<5	NA	<0.2 B2	NA	NA	NA	<5	NA
<1	NA	21.8	<0.2	NA	NA	NA	NA	NA
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<1	NA	20.9	<0.2	NA	NA	NA	NA	NA
<1	NA	21.1	<0.2	NA	NA	**3.93**	<5	<5
<1	<5	NA	<0.2	NA	NA	NA	<5 B3	NA
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<1	NA	19.6	<0.2	NA	NA	**3.75**	<5	NA
<1	NA	20	<0.2	NA	NA	NA	NA	NA
<1	NA	20.6	<0.2	NA	NA	NA	NA	NA
<1	NA	19.9	<0.2	NA	NA	**3.97**	<5	NA
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<1	NA	20 B1	<0.2	NA	NA	**3.92**	7	<5
<1	NA	19.3	<0.2	NA	NA	NA	NA	NA

<1	NA	22.1	<0.2	NA	NA	**3.78**	<5	3.215 j
<1	<1	NA	0.119 j	NA	NA	NA	<5	NA
<1	NA	23.5	<0.2	NA	NA	NA	NA	NA
<1	NA	25.1	<0.2	NA	NA	**3.76**	<5	1.944 j
<1	NA	21.2	<0.2	NA	NA	NA	NA	NA
<1	NA	20.2	<0.2	NA	NA	**3.91**	<5	2.065 j
<1	<1	NA	0.121 j	NA	NA	NA	1.76 j	NA
<1	NA	20.2	<0.2	NA	NA	NA	NA	NA
<1	NA	25.5	NA	NA	NA	**3.7**	NA	18
<1	<1	NA	0.114 j	NA	NA	NA	<5	NA
<1	NA	23.2	<0.2	NA	NA	NA	NA	NA
<1	NA	23.2	NA	NA	NA	**3.37**	NA	6.843 j
<1	<1	NA	0.084 j	NA	NA	NA	<5	NA
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4	<5	NA	NA	NA	NA	NA	7	NA
3	<5	NA	NA	NA	NA	NA	29	NA
3	<5	NA	NA	NA	NA	NA	9	NA
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<2.7	<1.9	NA	<4.8	NA	NA	NA	6.1	NA
1.2	<0.5	NA	<3	NA	NA	NA	6.2	NA
0.84	<0.5	NA	<10	NA	NA	NA	14.2	NA
<10	0.16 B	NA	<0.1	NA	NA	NA	24.5	NA
<10	<5	NA	<0.1	NA	NA	NA	11.8	NA
<10	<5	NA	0.059 JB	NA	NA	NA	4.2 JB	NA
<10	1 JB	NA	<0.1	NA	NA	NA	41.5 B	NA
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<1	<5	NA	<0.2	NA	NA	NA	31	NA
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<1	<5	NA	<0.2	NA	NA	NA	<5	NA
<1	NA	32.1	<0.2	NA	NA	**2.93**	<5	<5
0.217 j	1.29 j	NA	<0.133	NA	NA	NA	<2.6	NA
0.145 j	<5	NA	<0.2	NA	NA	NA	<5	NA
<1	NA	30.9	<0.2	NA	NA	NA	NA	NA
<1	NA	31.8	<0.2	NA	NA	NA	NA	NA
1.24	NA	29.9	<0.2	NA	NA	NA	NA	NA

<1	NA	29.9	<0.2	NA	NA	**3.04**	7	22
1.11	<5	NA	<0.2 B2	NA	NA	NA	5.43	NA
1.52	NA	30.3	<0.2 B2	NA	NA	NA	NA	NA
<1	NA	29.7	<0.2	NA	NA	**2.98 B2**	<5	<5
<1	NA	30.2 M4	<0.2 B3	NA	NA	NA	NA	NA
1.07	NA	29.1	<0.2	NA	NA	NA	NA	NA
<1	NA	30.1	<0.2	NA	NA	**3.1**	<5	<5
0.604 j	<5	NA	<0.2	NA	NA	NA	<5 B3	NA
1.41	NA	30.2	<0.2	NA	NA	NA	NA	NA
1.88	NA	32.3	<0.2	NA	NA	**2.82**	<5	NA
1.88	NA	32.5	<0.2	NA	NA	NA	NA	NA
<1	NA	33.1	<0.2	NA	NA	NA	NA	NA
1.02	NA	31.7	<0.2	NA	NA	**3.61**	8	NA
1.1	<5	NA	<0.2	NA	NA	NA	<5	NA
<1	NA	30.7	<0.2	NA	NA	**3.47**	<5	<5
<1	NA	30.1	<0.2	NA	NA	NA	NA	NA
2.28	NA	32.4	<0.2	NA	NA	**2.83**	<5	4.755 j
2.17	<1	NA	0.136 j	NA	NA	NA	<5	NA
2.86	NA	31.9	<0.2	NA	NA	NA	NA	NA
2.39	NA	32.8	<0.2	NA	NA	**2.85**	2.071 j	2.854 j
3.97	NA	34	<0.2	NA	NA	NA	NA	NA
4.87	NA	33.8	<0.2	NA	NA	**2.4**	<5	2.559 j
2.35	0.348 j	NA	<0.2	NA	NA	NA	3.64 j	NA
4.8	NA	35.9	<0.2	NA	NA	NA	NA	NA
3.65	NA	35	NA	NA	NA	**2.5**	NA	3.285 j
2.93	0.318 j	NA	<0.2	NA	NA	NA	7.02	NA
1.5	NA	33.2	<0.2	NA	NA	NA	NA	NA
0.408 j	NA	36.5	NA	NA	NA	**3.73**	NA	6.64 j
1.27	<1	NA	<0.2	NA	NA	NA	<5	NA
231	<5	NA	NA	NA	NA	NA	32	NA
264	<5	NA	NA	NA	NA	NA	9	NA
196	<5	NA	NA	NA	NA	NA	10	NA
155	<5	NA	NA	NA	NA	NA	7	NA
21	<5	NA	NA	NA	NA	NA	15	NA
67	<5	NA	NA	NA	NA	NA	25	NA
60	<2	NA	NA	NA	NA	NA	<5	NA
43	<5	NA	NA	NA	NA	NA	209	NA
19	<5	NA	NA	NA	NA	NA	<10	NA
41	<5	NA	NA	NA	NA	NA	187	NA
33	<5	NA	NA	NA	NA	NA	388	NA
30.5	<2	NA	NA	NA	NA	NA	1.1	NA
33.9	<1.9	NA	NA	NA	NA	NA	16.2	NA
13.9	1.9	NA	**4**	NA	NA	NA	15.3	NA
14.3	0.7	NA	<3.4	NA	NA	NA	5.5	NA
20.7	<0.5	NA	<3	NA	NA	NA	**16800**	NA

25.8	<0.5	NA	<10	NA	NA	NA	5.9	NA
5.1	0.31 JB	NA	<0.1	NA	NA	NA	4.4 JB	NA
21.1	<5	NA	<0.1	NA	NA	NA	<10	NA
13.6	<5	NA	<0.1	NA	NA	NA	4.9 JB	NA
20.1	1.3 JB	NA	<0.1	NA	NA	NA	11.4 B	NA
19.9	<5	NA	<0.2	NA	NA	NA	<5	NA
34.2	<5	NA	<0.2	NA	NA	NA	<5	NA
20.4	<5	NA	<0.2	NA	NA	NA	<5	NA
28.5	<5	NA	<0.2	NA	NA	NA	<5	NA
20.9	<5	NA	<0.2	NA	NA	NA	<5	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
49	NA	44.9	<0.2	NA	NA	**7.04**	<5	<5
53.3	0.703 j	NA	<0.133	NA	NA	NA	6.42	NA
41.2	<5	NA	<0.2	NA	NA	NA	<5	NA
143	NA	56.6	<0.2	NA	NA	**6.9**	<5	271
153	<5	NA	<0.2 B2	NA	NA	NA	<5	NA
104	NA	51.1 B3	<0.2 B3	NA	NA	**5.77**	<5	5
108	NA	52.8	<0.2 B3	NA	NA	**5.57**	<5	<5
92.5	<5	NA	<0.2	NA	NA	NA	<5 B3	NA
148	NA	57	<0.2 B3	NA	NA	**6.09**	<5	NA
153	NA	65.3	<0.2	NA	NA	**5.74**	<5	NA
165	<5	NA	<0.2	NA	NA	NA	<5	NA
141	NA	65.6	<0.2	NA	NA	**6.11**	<5	<5
82.9	NA	55.9	0.119 j	NA	NA	**5.78**	<5	<5
80.5	<1	NA	0.1 j	NA	NA	NA	<5	NA
96.6	NA	56.4	<0.2	NA	NA	**6.27**	2.369 j	1.821 j
100	NA	50.5	<0.2	NA	NA	**6.61**	<5	1.877 j
95.5	<1	NA	<0.2	NA	NA	NA	3.01 j	NA
111	NA	53.7	NA	NA	NA	**7.56**	NA	2.1 j
104	<1	NA	<0.2	NA	NA	NA	9.95	NA
121	NA	55.4	NA	NA	NA	**6.95**	NA	1.9 j
149	<1	NA	<0.2	NA	NA	NA	<5	NA
2.5	NA	45.7	<0.2	NA	NA	**5.13**	<5	76
1.22	NA	47.8	<0.2	NA	NA	**2.4 B2**	<5	<5
1.34	NA	51.9	<0.2 B3	NA	NA	**1.94**	<5	NA
<1	NA	54.2	<0.2	NA	NA	**0.513**	<20	NA
<1	NA	56.7 B1	<0.2	NA	NA	**0.472**	<5	<5
<1	NA	61.6 M4	<0.2	NA	NA	**0.43**	7	3.319 j
<1	NA	54.6	<0.2	NA	NA	**0.824 B2**	1.828 j	2.625 j
<1	NA	52.8	<0.2	NA	NA	**0.74**	9	1.785 j
0.568 j	NA	52.4	NA	NA	NA	**0.734**	NA	97
<1	NA	58.1	NA	NA	NA	**0.546**	NA	2.213 j
6.87	NA	43.7	<0.2	NA	NA	**4.28**	<5	98
3.88	NA	45.1	<0.2	NA	NA	**4.4 B2**	<5	8
1.4	NA	46.3	<0.2 B3	NA	NA	**4.58**	<5	NA

<1	NA	44.9	<0.2	NA	NA	**3.27**	<20	NA
<1	NA	47 B1	<0.2	NA	NA	**3.25**	<5	<5
<1	NA	46.9	<0.2	NA	NA	**3.68**	3.032 j	2.432 j
<1	NA	48	<0.2	NA	NA	**4.1 B2**	<5	1.967 j
<1	NA	48.3	<0.2	NA	NA	**4.33**	1.924 j	<5
<1	NA	49.8	<0.2	NA	NA	NA	NA	NA
0.502 j	NA	49	NA	NA	NA	**4.48**	NA	29
1.09	NA	49.2	<0.2	NA	NA	NA	NA	NA
0.644 j	NA	48.3	NA	NA	NA	**4.52**	NA	<10
<1	NA	53.8 M4	<0.2	NA	NA	**5.64**	<5	84
<1	NA	55.7	<0.2	NA	NA	**5.55 B2**	6	<5
<1	NA	56	<0.2 B3	NA	NA	**5.04**	<5	NA
<1	NA	58.2	<0.2	NA	NA	**6.39**	<20	NA
<1	NA	60.9 B1,,M4	<0.2	NA	NA	**5.76**	<5	<5
<1	NA	60.9	<0.2	NA	NA	**4.25**	3.874 j	3.228 j
<1	NA	64.7	<0.2	NA	NA	**4.64 B2**	<5	3.117 j
<1	NA	53.3	0.151 j	NA	NA	**4.59**	9	2.633 j
<1	NA	46.9	NA	NA	NA	**5.04**	NA	103
<1	NA	43.8	NA	NA	NA	**4.72**	NA	<10
<1	NA	29.7	<0.2	NA	NA	**4.04**	<5	116
1.25	NA	30.1	<0.2	NA	NA	**3.51 B2**	<5	<5
<1	NA	30	<0.2 B3	NA	NA	**2.55**	<5	NA
<1	NA	30.5	<0.2	NA	NA	**1.16**	<20	NA
<1	NA	31.2 B1	<0.2	NA	NA	**1.22**	<5	<5
<1	NA	32.5	<0.2	NA	NA	**1.33**	3.453 j	<5
<1	NA	31.6	<0.2	NA	NA	**1.39 B2**	<5	2.595 j
<1	NA	32.7	<0.2	NA	NA	**1.74**	2.608 j	<5
<1	NA	32.2	NA	NA	NA	**1.87**	NA	2.017 j
<1	NA	32.6	NA	NA	NA	**1.28**	NA	<10
<1	NA	25.2	<0.2	NA	NA	**1.25**	<5	42
<1	NA	26	<0.2	NA	NA	**1.06 B2**	<5	80
<1	NA	25.9	<0.2 B3	NA	NA	**1.28**	<5	NA
<1	NA	25.4	<0.2	NA	NA	**0.782**	<20	NA
<1	NA	24.6 B1	<0.2	NA	NA	**0.801**	<5	99
<1	NA	27.4	0.108 j	NA	NA	**0.672**	5	62
<1	NA	29.5	<0.2	NA	NA	**0.612 B2**	2.458 j	77
<1	NA	28.9	<0.2	NA	NA	**0.748**	<5	62
<1	NA	29.6	NA	NA	NA	**0.62**	NA	112
<1	NA	30	NA	NA	NA	**0.5**	NA	144
<1	NA	69.3	<0.2	NA	NA	**0.727**	<5	68
<1	NA	68.6	<0.2	NA	NA	**0.982 B2**	<5	7
<1	NA	69.8	<0.2	NA	NA	**0.984**	<5	NA
<1	NA	70.3	<0.2	NA	NA	**0.771**	<20	NA
<1	NA	72.5 B1	<0.2	NA	NA	**0.512**	<5	8
<1	NA	69.6	<0.2	NA	NA	**0.446**	<5	7

<1	NA	75.2	<0.2	NA	NA	**0.466 B2**	2.049 j	4.967 j
<1	NA	71.7	<0.2	NA	NA	**0.368**	4.648 j	4.639 j
<1	NA	69.4	NA	NA	NA	0.174 j	NA	6.603 j
<1	NA	72.3	NA	NA	NA	0.175 j	NA	5.267 j
30.9	NA	39.7	<0.2	NA	NA	**0.993**	<5	97
29.5	NA	39.3	<0.2	NA	NA	**1.81 B2**	<5	<5
27.4	NA	38.2	<0.2	NA	NA	**1.75**	<5	NA
24.8	NA	39.4	<0.2	NA	NA	**1.28**	<20	NA
30.2	NA	40.4 B1	<0.2	NA	NA	**2.07**	<5	<5
41.3	NA	38.7	<0.2	NA	NA	**2.11**	<5	1.84 j
68.1	NA	37	<0.2	NA	NA	**1.39 B2**	2.182 j	1.9 j
76.4	NA	35.3	0.088 j	NA	NA	**1.72**	3.001 j	<5
73.2	NA	37	NA	NA	NA	**1.22**	NA	<10
69.3	NA	37.3	NA	NA	NA	**1.4**	NA	<10
<1	NA	19 B2	<0.2	NA	NA	0.121 j	<5	2.263 j
<1	NA	21.9	<0.2	NA	NA	0.205 j	<5	2.603 j
<1	NA	19.8	<0.2	NA	NA	**0.412**	<5	2.502 j
<1	NA	20.4	<0.2	NA	NA	**0.314 B2**	6	2.021 j
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11.2	NA	NA	NA	NA	NA	NA	NA	NA
<2.7	NA	NA	NA	NA	NA	NA	NA	NA
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<1	NA	25.4	<0.2	NA	NA	**5.95**	<5	<5

<1	NA	30.2	<0.2	NA	NA	**6.3**	6	<5
1.3	NA	52.4	<0.2	NA	NA	**9.65**	86	<5
1.11	NA	47.9	<0.2	NA	NA	**8.57**	82	<5
<1	NA	38.4	<0.2	NA	NA	**2.95**	13	<5
1.03	NA	54	<0.2	NA	NA	**8.41**	6	<5
5.57	NA	67.2	<0.2	NA	NA	**20.1**	22	19
4	NA	62.5	<0.2 B3	NA	NA	**14.8**	<5	<5
3.07	NA	64.9	<0.2	NA	NA	**14.5**	6	<5
3.88	NA	65.3	<0.2	NA	NA	**14.6**	6	NA
5.9	NA	67.1	<0.2	NA	NA	**15.7**	6	NA
5.89	NA	75.8	<0.2	NA	NA	**17.6**	<5	<5
5.79	NA	71	<0.2	NA	NA	**14.9**	1.827 j	2.731 j
4.16	NA	64.4	<0.2	NA	NA	**12 B2**	15	2.174 j
11.1	NA	71.1	<0.2	NA	NA	**18.2**	7 B	2.325 j
18.5	NA	82.3	NA	NA	NA	**19.3**	NA	3.211 j
6.36	NA	72.3	NA	NA	NA	**15.8**	NA	2.243 j
<1	NA	35 B2	<0.2	NA	NA	**0.359**	<5	4.918 j
<1	NA	30.3	<0.2	NA	NA	**0.367**	1.879 j	4.191 j
<1	NA	29	<0.2	NA	NA	0.237 j	<5	16
<1	NA	28.9	<0.2	NA	NA	0.27 j	9	4.82 j
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<2	NA	NA	NA	NA	NA	NA	NA	NA
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3	NA	NA	NA	NA	NA	NA	NA	NA
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6.91	NA	NA	NA	NA	NA	NA	NA	NA
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<1	NA	42.1	<0.2 B3	NA	NA	NA	NA	NA
<1	NA	41.3	<0.2	NA	NA	NA	NA	NA
<1	NA	43.8	<0.2	NA	NA	NA	NA	NA
<1	NA	47.6	<0.2	NA	NA	**4.86**	7	NA
<1	NA	46.6	<0.2	NA	NA	NA	NA	NA
<1	NA	48.5	<0.2	NA	NA	NA	NA	NA
<1	NA	51	<0.2	NA	NA	**4.94**	<5	NA
<1	NA	50.8 B1	<0.2	NA	NA	**5**	<5	24
<1	NA	48.5	<0.2	NA	NA	NA	NA	NA
<1	NA	50.2	<0.2	NA	NA	**4.83**	<5	<5
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<1	NA	51.7	0.159 j	NA	NA	**4.95**	<5	1.782 j
<1	NA	52.6	<0.2	NA	NA	NA	NA	NA
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<1	NA	48.8	<0.2	NA	NA	NA	NA	NA
<1	NA	49.9	NA	NA	NA	**4.85**	NA	<10
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<1	NA	48.3	<0.2	NA	NA	**1.27**	7	<5
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<1	NA	43.5	<0.2	NA	NA	**0.514**	10	8
<1	NA	24.1	<0.2	NA	NA	**0.365**	9	20
<1	NA	45	<0.2	NA	NA	**0.357**	<5	19
<1	NA	44.7	<0.2 B2	NA	NA	<0.3	7	8
<1	NA	45.4	<0.2	NA	NA	**0.335**	7	17
<1	NA	36.4	<0.2	NA	NA	<0.3	6	21
<1	NA	24.5	<0.2	NA	NA	**0.341**	6	<5
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<1	NA	37.9	<0.2	NA	NA	<0.3	<5	27
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<1	NA	35.8	<0.2	NA	NA	0.193 j,B2	2.03 j	14
<1	NA	52.3	<0.2	NA	NA	<0.3	3.707 j	12
<1	NA	56.2	NA	NA	NA	**0.308**	NA	6.517 j
<1	NA	63.9	NA	NA	NA	0.117 j	NA	21
6.02	NA	47.7	<0.2	NA	NA	**18.8**	<5	292
NA	NA	NA	NA	NA	NA	NA	NA	NA
7.13	NA	47.4	<0.2	NA	NA	**15.7**	<5	<5

7	NA	54.6	<0.2	NA	NA	**15**	<5	<5
5.03	NA	56.3	<0.2	NA	NA	**14**	<5	<5
4.7	NA	59.5	<0.2 B2	NA	NA	**15.4**	<5	<5
4.01	NA	56.1	<0.2	NA	NA	**15.9**	<5	<5
3.74	NA	56.5	<0.2	NA	NA	**15.3**	<5	<5
3.3	NA	58.1	<0.2	NA	NA	**14.6**	<5	<5
2.91	NA	58.6	<0.2 B3	NA	NA	**14.9**	<5	NA
2.29	NA	57.8	<0.2	NA	NA	**13.7**	26	NA
2.49	NA	59.1	<0.2	NA	NA	**14.9**	<5	<5
2.42	NA	56.9	<0.2	NA	NA	**14.4**	8	<5
2.73	NA	58.1	<0.2	NA	NA	**15.9**	3.451 j	<5
2.4	NA	59.8	<0.2	NA	NA	**17.2**	<5	9
2.48	NA	60	NA	NA	NA	**16.6**	NA	<10
11.8	NA	59.8	NA	NA	NA	**15.3**	NA	<10
1.67	NA	34.1	<0.2	NA	NA	**8.16**	303	76
NA	NA	NA	NA	NA	NA	NA	NA	NA
1.12	NA	36	<0.2	NA	NA	**4.91**	36	22
<1	NA	35.9	<0.2	NA	NA	**3.59**	8	16
<1	NA	35	<0.2	NA	NA	**1.85**	8	8
<1	NA	33.9	<0.2	NA	NA	**2.61**	10	14
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<1	NA	32.8	<0.2	NA	NA	**0.829**	6	NA
<1	NA	32.7 B2,,B3	<0.2	NA	NA	**0.57**	10	6
<1	NA	32.6	<0.2	NA	NA	**0.708**	2.869 j	8
<1	NA	30.8	<0.2	NA	NA	**0.861**	6	3.808 j
<1	NA	31.1	<0.2	NA	NA	0.19 j	<5	2.84 j
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<1	NA	33	NA	NA	NA	0.176 j	NA	3.002 j
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<1	NA	16.1	<0.2	NA	NA	<0.3	<5	7
<1	NA	15.8	<0.2	NA	NA	<0.3	<5	<5
<1	NA	17.3	<0.2	NA	NA	<0.3	<5	<5
<1	NA	17.5	<0.2	NA	NA	**0.309**	<5	<5
<1	NA	17.4	<0.2 B3	NA	NA	<0.3	<5	NA
<1	NA	17	<0.2	NA	NA	**0.94**	<5	NA
<1	NA	17.7	<0.2	NA	NA	**1.09**	<5	5
<1	NA	17.5	<0.2	NA	NA	**0.809**	<5	8
<1	NA	17.7	<0.2	NA	NA	**0.451**	<5	3.842 j

<1	NA	16.9	0.094 j	NA	NA	**0.713**	<5	3.192 j
<1	NA	18.2	NA	NA	NA	**0.679**	NA	4.75 j
<1	NA	18	NA	NA	NA	**0.484**	NA	4.179 j
<1	NA	94.6	<0.2	NA	NA	**3.8**	<5	15
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<1	NA	6.16	<0.2	NA	NA	**8.61**	<5	<5
<1	NA	87.8	<0.2	NA	NA	**9.23**	<5	<5
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<1	NA	66.9	<0.2 B3	NA	NA	**14.5**	<5	NA
<1	NA	57.8	<0.2	NA	NA	**16.3**	<5	NA
<1	NA	56.4 B2,,B3	<0.2	NA	NA	**14**	<5	<5
0.565 j	NA	54.2	0.132 j	NA	NA	**13.5**	<5	2.598 j
0.375 j	NA	62.1 M4	<0.2	NA	NA	**14**	2.462 j	2.455 j
0.452 j	NA	56.9	<0.2	NA	NA	**16**	2.948 j	2.097 j
0.673 j	NA	47.8	NA	NA	NA	**12.8**	NA	5.588 j
<1	NA	44.7	NA	NA	NA	**17.3**	NA	3.278 j
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<1	NA	12.5	<0.2	NA	NA	**0.544**	<5	13
<1	NA	11.1	<0.2 B2	NA	NA	<0.3	<5	9
<1	NA	15.4	<0.2 B2	NA	NA	**0.358**	<5	11
<1	NA	14.1	<0.2	NA	NA	<0.3	<5	10
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<1	NA	13.2 B2,,B3	<0.2	NA	NA	<0.3	<5	8
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<1	NA	12.7	NA	NA	NA	0.24 j	NA	6.042 j
<1	NA	13.7	<0.2	NA	NA	**5.16**	<5	49
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	12.9	<0.2	NA	NA	**6.01**	10	<5
<1	NA	11.6	<0.2 B2	NA	NA	**6.78**	<5	<5
<1	NA	12.1	<0.2 B2	NA	NA	**7.33**	<5	<5
<1	NA	12	<0.2 B3	NA	NA	**6.42**	<5	<5
<1	NA	12.4	<0.2 B3	NA	NA	**6.24**	<5	<5
<1	NA	12.6	<0.2	NA	NA	**6.25**	<5	NA
<1	NA	13.1	<0.2	NA	NA	**6.84**	<5	NA
<1	NA	13.5 B2,,B3	<0.2	NA	NA	**6.63**	<5	<5
0.506 j	NA	12.6	NA	NA	NA	**6.01**	NA	<10
0.465 j	NA	13	NA	NA	NA	**6.52**	NA	1.866 j
<1	NA	14.2	**0.216**	NA	NA	**1.21**	8	65

<1	NA	19.4	<0.2	NA	NA	**5.9**	9	<5
<1	NA	14	<0.2	NA	NA	**1.07**	<5	7
<1	NA	13.5	<0.2 B2	NA	NA	**1.44**	<5	<5
<1	NA	15.9	<0.2	NA	NA	**4.36 B2**	5	<5
<1	NA	16	<0.2	NA	NA	**5.44**	6	<5
<1	NA	14.4	<0.2	NA	NA	**1.16**	<5	NA
<1	NA	14	<0.2	NA	NA	**0.697**	<5	NA
<1	NA	14.2 B2,,B3	<0.2	NA	NA	**2.58**	<5	<5
0.846 j	NA	17.2	<0.2	NA	NA	**12.7**	4.852 j	2.315 j
0.802 j	NA	17.7	<0.2	NA	NA	**16.7**	8	2.465 j
0.705 j	NA	18.2	<0.2	NA	NA	**18.4**	9	1.918 j
0.466 j	NA	20.6	NA	NA	NA	**16.9**	NA	<10
<1	NA	17.5	NA	NA	NA	**5.9**	NA	3.051 j
<1	NA	24.2	<0.2	NA	NA	**2.1**	30	<5
<1	NA	24.4	<0.2	NA	NA	**2.32**	28	7
<1	NA	22.5	<0.2	NA	NA	**1.84**	10	<5
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<1	NA	21	<0.2	NA	NA	**0.86 B2**	<5	<5
<1	NA	20.9	<0.2	NA	NA	**1.02**	<5	<5
<1	NA	21	<0.2	NA	NA	**0.933**	5	NA
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<1	NA	22.8	<0.2	NA	NA	**0.681**	18	5
<1	NA	21	<0.2	NA	NA	**0.756**	17	7
<1	NA	20.3 B2	<0.2	NA	NA	**0.639**	16	2.055 j
<1	NA	20.3	<0.2	NA	NA	**0.346**	4.204 j	2.414 j
<1	NA	20	<0.2	NA	NA	NA	NA	NA
<1	NA	20.4	NA	NA	NA	0.25 j	NA	3.123 j
<1	NA	19.5	<0.2	NA	NA	NA	NA	NA
<1	NA	19.1	NA	NA	NA	<0.3	NA	5.04 j
<1	NA	20.9	<0.2	NA	NA	**4.34**	90	45
NA	NA	NA	NA	NA	NA	NA	NA	NA
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<0.5	NA	22.6	<0.1	NA	NA	**1.3**	<10	<100
<1	NA	18.3	<0.2	NA	NA	**1.27**	25	<5
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<1	NA	20.2	<0.2	NA	NA	**4.38**	<20	NA
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<1	NA	16.6	<0.2	NA	NA	**4.79**	16	2.152 j
<1	NA	16.8 B2	<0.2	NA	NA	**6**	7	<5
<1	NA	16.8	<0.2	NA	NA	**5.86**	<5	2.569 j
<1	NA	18.9	<0.2	NA	NA	NA	NA	NA

<1	NA	19.2	NA	NA	NA	**8.27**	NA	<10
<1	NA	17.7	<0.2	NA	NA	NA	NA	NA
<1	NA	18.3	NA	NA	NA	**4.61**	NA	2.983 j
<1	NA	95.1 B2,M4	<0.2	NA	NA	**2.03**	23	<10
<1	NA	93.7	<0.2	NA	NA	**1.33**	15	<10
<5 D3	NA	99.1 M6	<1 D3	NA	NA	**3.2 j,BC,M6**	27	<50
<1	NA	98	<0.2	NA	NA	**1.34**	46	3.662 j
<1	NA	84 B2	0.082 j	NA	NA	**2.27**	977	<10
<1	NA	94.7	0.086 j	NA	NA	**0.802**	224	1.992 j
<1.2 D3	NA	130	<0.25 D3	NA	NA	**1.2 j,BC**	154	<50
<1	NA	98.2	<0.2	NA	NA	**1.03**	295	2.199 j
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NA	NA	NA	NA	NA	NA	NA	NA	NA
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<1	NA	37.5	<0.2	NA	NA	**1.3**	<5	<5
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<1	NA	36.8 M4	<0.2	NA	NA	NA	NA	NA
<1	NA	35.6	<0.2 B2	NA	NA	**2.68**	<5	<5
<1	NA	38.9	<0.2	NA	NA	NA	NA	NA
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<1	NA	36.2	<0.2 B3	NA	NA	**2.69**	<5	NA
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<1	NA	36.8	<0.2	NA	NA	**2.82**	<5	2.207 j
<1	NA	36.8 B2	<0.2	NA	NA	NA	NA	NA
<1	NA	36.9 B2	<0.2	NA	NA	**2.78**	<5	2.221 j
0.41 j	NA	36.2	<0.2	NA	NA	NA	NA	NA
0.364 j	NA	35.9	<0.2	NA	NA	**3.03**	<5	1.86 j
0.337 j	NA	36.2	<0.2	NA	NA	NA	NA	NA
0.416 j	NA	37.5	NA	NA	NA	**2.79**	NA	2.137 j,B
<1	NA	38.2	0.092 j	NA	NA	NA	NA	NA
0.37 j	NA	38.4	NA	NA	NA	**3.66**	NA	2.061 j
<1	NA	12.6	<0.2	NA	NA	**2.01**	<5	59

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<1	NA	15.4	<0.2	NA	NA	NA	NA	NA
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<1	NA	18	<0.2	NA	NA	NA	NA	NA
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<1	NA	19.8	<0.2	NA	NA	NA	NA	NA
<1	NA	18.5	<0.2 B3	NA	NA	**4.51**	<5	NA
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<1	NA	18.8	<0.2	NA	NA	NA	NA	NA
<1	NA	18	<0.2	NA	NA	**4.2**	<20	NA
<1	NA	17.9	<0.2	NA	NA	**4.83**	<5	<5
<1	NA	17.4	<0.2	NA	NA	NA	NA	NA
<1	NA	19.5	<0.2	NA	NA	**5.14**	<5	2.073 j
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<1	NA	20	0.087 j	NA	NA	NA	NA	NA
<1	NA	20.8	<0.2	NA	NA	**5.25**	<5	2.065 j
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<1	NA	21.7	NA	NA	NA	**5.18**	NA	8.028 j
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<1	NA	32.3	<0.2	NA	NA	NA	NA	NA
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<1	NA	28.3	<0.2	NA	NA	**2.54**	<5	1.791 j
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<1	NA	29.7	<0.2	NA	NA	**3.49**	2.146 j	<5
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<1	NA	27.6	NA	NA	NA	**3.62**	NA	<10
<1	NA	18.9	<0.2	NA	NA	**0.394**	<5	109
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<1	NA	27.3	<0.2	NA	NA	<0.3	<20	NA
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<1	NA	27.5	0.142 j	NA	NA	**0.336**	<5	6
<1	NA	27.9	<0.2	NA	NA	**0.409 B2**	10	5
<1	NA	26.9	<0.2	NA	NA	0.242 j	<5	4.873 j
<1	NA	23.9	NA	NA	NA	0.26 j	NA	6.056 j
<1	NA	23.6	NA	NA	NA	<0.3	NA	5.843 j
<1	NA	35.6	<0.2	NA	NA	**0.364**	15	65
<1	NA	35.9	<0.2	NA	NA	**0.819**	101	9
<0.5	NA	35.8	<0.1	NA	NA	<1	<10	<100
<1	NA	39.8	<0.2	NA	NA	**0.398**	32	7
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<1	NA	39.6	<0.2	NA	NA	**1.13**	12	<5
<1	NA	36.6	<0.2	NA	NA	NA	NA	NA
<1	NA	35.9	<0.2	NA	NA	**1.09**	39	<5
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<1	NA	35.1	<0.2	NA	NA	**3.67**	5	<5
<1	NA	35.9	<0.2 B2	NA	NA	NA	NA	NA
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<1	NA	36.6	<0.2	NA	NA	**4.32**	8	<5
<1	NA	35.7	<0.2	NA	NA	NA	NA	NA
<1	NA	36.4	<0.2	NA	NA	**4.45**	7	<5
<1	NA	37.9	<0.2	NA	NA	NA	NA	NA
<1	NA	36.2	<0.2 B3	NA	NA	**5.38**	<5	NA
<1	NA	36.8	<0.2	NA	NA	NA	NA	NA
<1	NA	35.4	<0.2	NA	NA	NA	NA	NA
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<1	NA	37.1	<0.2	NA	NA	**6.58**	18	<5
<1	NA	36	<0.2	NA	NA	NA	NA	NA
0.346 j	NA	36.6	<0.2	NA	NA	**6.25**	3.03 j	7
<1	NA	35.5 B2	<0.2	NA	NA	NA	NA	NA
<1	NA	37.3	<0.2	NA	NA	**5.39**	4.954 j	1.943 j
<1	NA	35.6	<0.2	NA	NA	NA	NA	NA
<1	NA	37.2	<0.2	NA	NA	**6.77**	2.011 j	1.866 j

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<1	NA	35	<0.2	NA	NA	NA	NA	NA
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<1	NA	22.4	<0.2	NA	NA	**1.84**	23	<5
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<1	NA	21.6	<0.2	NA	NA	<0.3	7	6
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<1	NA	23.2	<0.2	NA	NA	**0.327**	5	NA
<1	NA	23.3	<0.2	NA	NA	**0.313**	16	7
<1	NA	23.6	0.174 j	NA	NA	0.251 j	9	3.767 j
<1	NA	23.4	<0.2	NA	NA	**0.522**	6	4.474 j
<1	NA	24.2	<0.2	NA	NA	0.133 j	<5	48
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<1	NA	21.2	<0.2	NA	NA	**11.2**	34	<5
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<1	NA	25.7	<0.2 B3	NA	NA	**0.333**	<5	NA
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<1	NA	27.9	<0.2 B3	NA	NA	**9.81**	<5	NA
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<1	NA	28.5	<0.2	NA	NA	**9.84**	3.252 j	<5
<1	NA	27.8 M4	<0.2	NA	NA	NA	NA	NA
<1	NA	27.3 B2	<0.2	NA	NA	**9.8**	<5	<5
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<1	NA	28	NA	NA	NA	**10.4**	NA	1.875 j
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<0.5	NA	19.2	<0.1	NA	NA	**2.5**	<10	<100
<1	NA	18.5	<0.2	NA	NA	**3.08**	<5	<5
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<1	NA	18.8	<0.2	NA	NA	NA	NA	NA
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<1	NA	18.4	<0.2 B2	NA	NA	NA	NA	NA
<1	NA	18.7	<0.2	NA	NA	NA	NA	NA
<1	NA	17.9	<0.2	NA	NA	NA	NA	NA
<1	NA	18.7	<0.2	NA	NA	NA	NA	NA
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<1	NA	17.9	<0.2	NA	NA	NA	NA	NA
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<1	NA	18.3	<0.2	NA	NA	**3.01**	<5	2.696 j
<1	NA	18.1	<0.2	NA	NA	NA	NA	NA
<1	NA	19.5	<0.2	NA	NA	**3.05**	3.457 j	2.603 j
<1	NA	18.4	0.181 j	NA	NA	NA	NA	NA
0.334 j	NA	17.8	0.091 j	NA	NA	**3.22**	<5	2.888 j
<1	NA	19.2	0.105 j	NA	NA	NA	NA	NA
<1	NA	19.6	NA	NA	NA	**3.2**	NA	2.481 j
<1	NA	19	<0.2	NA	NA	NA	NA	NA
<1	NA	19.7	NA	NA	NA	**2.64**	NA	3.425 j
<1	NA	18.4	<0.2	NA	NA	**0.968**	18	8
<1	NA	17.9 M4	<0.2	NA	NA	**2.03**	13	<5
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<1	NA	18.5	<0.2	NA	NA	**0.454**	15	<5
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<1	NA	17.7	<0.2	NA	NA	**0.83**	6	<5
<1	NA	16.9	<0.2 B2	NA	NA	NA	NA	NA
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<1	NA	17.8	<0.2	NA	NA	**0.649**	<5	NA

<1	NA	17.9	<0.2	NA	NA	NA	NA	NA
<1	NA	17.8	<0.2	NA	NA	NA	NA	NA
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<1	NA	18	<0.2	NA	NA	**0.427**	<5	<5
<1	NA	17.9	<0.2	NA	NA	NA	NA	NA
<1	NA	18	0.119 j	NA	NA	0.268 j	<5	2.966 j
<1	NA	18	0.087 j	NA	NA	NA	NA	NA
<1	NA	18	0.082 j	NA	NA	0.221 j	<5	3.292 j
<1	NA	18.2	<0.2	NA	NA	NA	NA	NA
<1	NA	17.5	<0.2	NA	NA	**0.332**	<5	2.042 j
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<1	NA	18.2	NA	NA	NA	**0.31**	NA	2.132 j,B
<1	NA	17.7	0.097 j	NA	NA	NA	NA	NA
<1	NA	17.7	NA	NA	NA	**0.626**	NA	2.206 j
<1	NA	19	<0.2	NA	NA	**0.931**	36	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
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<0.5	NA	19	<0.1	NA	NA	<1	<10	<100
<1	NA	18.8	<0.2	NA	NA	<0.3	7	<5
<1	NA	20.3	<0.2	NA	NA	<0.3	<5	<5
<1	NA	26.3	<0.2	NA	NA	NA	NA	NA
<1	NA	31.6	<0.2	NA	NA	<0.3	<5	6
<1	NA	29.4	<0.2	NA	NA	NA	NA	NA
<1	NA	29.5	<0.2	NA	NA	**0.411**	<5	<5
<1	NA	32.7	<0.2	NA	NA	NA	NA	NA
<1	NA	17.4	<0.2	NA	NA	<0.3	<5	<5
<1	NA	18.1	<0.2	NA	NA	NA	NA	NA
<1	NA	18.9	<0.2	NA	NA	NA	NA	NA
<1	NA	19.9	<0.2	NA	NA	<0.3 B2	<5	<5
<1	NA	18.8	<0.2	NA	NA	NA	NA	NA
<1	NA	18.9	<0.2	NA	NA	<0.3	<5	<5
<1	NA	20.5 B1	<0.2	NA	NA	NA	NA	NA
<1	NA	18.6	<0.2 B3	NA	NA	<0.3	<5	NA
<1	NA	19.1	<0.2	NA	NA	NA	NA	NA
<1	NA	20.9 B2	<0.2	NA	NA	NA	NA	NA
<1	NA	21.7	<0.2	NA	NA	**0.354**	<5	NA
<1	NA	20 B1	<0.2	NA	NA	<0.3	<5	<5
<1	NA	19.8	<0.2	NA	NA	NA	NA	NA
<1	NA	19.4	0.153 j	NA	NA	0.12 j	<5	5
<1	NA	20.6	<0.2	NA	NA	NA	NA	NA
<1	NA	19.2 B2	<0.2	NA	NA	0.233 j	2.18 j	3.451 j
<1	NA	20.7	<0.2	NA	NA	NA	NA	NA
<1	NA	22.2	<0.2	NA	NA	**0.344**	17 B	5
<1	NA	21.6	<0.2	NA	NA	NA	NA	NA
<1	NA	24.1	NA	NA	NA	0.267 j	NA	2.042 j

<1	NA	23.4	<0.2	NA	NA	NA	NA	NA
<1	NA	39.2	NA	NA	NA	**1.35**	NA	14
15.9	NA	59.7	<0.2	NA	NA	**6.83**	5	59
NA	NA	NA	NA	NA	NA	NA	NA	NA
2.78	NA	39.6	<0.2	NA	NA	**1.51**	11	47
2.2	NA	32.6	<0.1	NA	NA	**1.7**	<10	<100
1.64	NA	21.9	<0.2	NA	NA	**1.1**	8	<5
1.95	NA	28.8	<0.2	NA	NA	NA	NA	NA
1.25	NA	27.5	<0.2	NA	NA	**1.33**	<5	17
<1	NA	27.9	<0.2	NA	NA	**0.551**	<5	7
<1	NA	25.2	<0.2	NA	NA	NA	NA	NA
<1	NA	25.8	<0.2	NA	NA	**1.23**	<5	10
<1	NA	26.4	<0.2	NA	NA	NA	NA	NA
<1	NA	25.3	<0.2 B2	NA	NA	**1.14**	<5	11
<1	NA	27.7	<0.2	NA	NA	NA	NA	NA
<1	NA	25.8	<0.2	NA	NA	NA	NA	NA
<1	NA	28.3	<0.2	NA	NA	**1.35 B2**	<5	18
<1	NA	27.1	<0.2	NA	NA	NA	NA	NA
<1	NA	25	<0.2	NA	NA	**0.983**	<5	<5
<1	NA	28.6 B1	<0.2	NA	NA	NA	NA	NA
<1	NA	23.4	<0.2	NA	NA	**0.991**	<5	NA
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<1	NA	24.8 B2	<0.2	NA	NA	NA	NA	NA
<1	NA	26.4	<0.2	NA	NA	**1.02**	<5	NA
<1	NA	28.9 B1	<0.2	NA	NA	**1.7**	<5	17
<1	NA	27.8	<0.2	NA	NA	NA	NA	NA
0.598 j	NA	31.8	0.112 j	NA	NA	**1.27**	<5	4.99 j
0.428 j	NA	25.7	<0.2	NA	NA	NA	NA	NA
0.338 j	NA	24.4 B2	<0.2	NA	NA	**1.2**	2.94 j	3.187 j
<1	NA	23.8	<0.2	NA	NA	NA	NA	NA
0.475 j	NA	35.1	<0.2	NA	NA	**1.13**	<5	3.949 j
<1	NA	24.4	<0.2	NA	NA	NA	NA	NA
<1	NA	22.4	NA	NA	NA	**1.4**	NA	2.184 j
0.337 j	NA	21.8	<0.2	NA	NA	NA	NA	NA
0.786 j	NA	27.2	NA	NA	NA	**1.85**	NA	33
<1	NA	36.7	<0.2	NA	NA	**0.602**	<5	10
<1	NA	39	<0.2	NA	NA	**0.71**	<5	14
<1	NA	34.1	<0.2	NA	NA	**0.75**	<5	11
<1	NA	30.2 B2	<0.2	NA	NA	**0.488**	<5	14
<1	NA	31.1	<0.2	NA	NA	<0.3	<5	10
<1	NA	29.8	<0.2	NA	NA	**0.433**	<5	5
<1	NA	33.2	<0.2	NA	NA	<0.3	<5	NA
<1	NA	31.4	<0.2	NA	NA	**0.309**	<20	NA
<1	NA	34.6 B2,,B3	<0.2	NA	NA	**0.378**	<5	8
<1	NA	31.2	0.106 j	NA	NA	**0.426**	<5	8

<1	NA	31.5	<0.2	NA	NA	**0.476**	4.399 j	6
<1	NA	28.9	<0.2	NA	NA	**0.324**	<5	6
<1	NA	32.1	NA	NA	NA	0.17 j	NA	10 B
<1	NA	37.6	NA	NA	NA	**0.348**	NA	7.305 j
<1	NA	70	<0.2	NA	NA	**0.757**	2.171 j	2.283 j
<1	NA	67	<0.2	NA	NA	**0.693**	1.885 j	2.175 j
<1	NA	67.5	0.087 j	NA	NA	**0.833**	<5	3.019 j
<1	NA	72.1	0.085 j	NA	NA	**0.856 B2**	<5	2.217 j
<1	NA	83.9	0.124 j	NA	NA	0.229 j	<5	5.892 j
<1	NA	73.4	<0.2	NA	NA	**0.368**	<5	3.249 j
<1	NA	69.9	<0.2	NA	NA	**0.379**	<5	4.044 j
<1	NA	72.7	<0.2	NA	NA	**0.488 B2**	<5	2.836 j
<1	NA	110	0.089 j	NA	NA	**0.423**	**1060**	2.749 j
<1	NA	293	<0.2	NA	NA	**0.669**	93	3.721 j
<1	NA	165	<0.2	NA	NA	**0.542**	126	5.894 j
<1	NA	178	<0.2	NA	NA	**0.721 B2**	280	2.858 j
<1	NA	92.1 B2	<0.2	NA	NA	**1.3**	9	4.769 j
<1	NA	110	<0.2	NA	NA	**0.411**	1.962 j	5.733 j
<1	NA	90.9	<0.2	NA	NA	0.13 j	6 B	7.708 j
<1	NA	94.8	<0.2	NA	NA	**0.513 B2**	<5	4.75 j
<1	NA	29	0.086 j	NA	NA	0.16 j	<5	<10
<1	NA	30	<0.2	NA	NA	0.264 j	<5	<10
<1	NA	30.3	0.144 j	NA	NA	0.189 j	3.731 j,B	<10
<1	NA	31.5	<0.2	NA	NA	**0.332 B2**	<5	<10
<1	NA	112	<0.2	NA	NA	**0.626**	347	2.653 j
<1	NA	416 M4	0.153 j	NA	NA	**0.848**	20	3.249 j
<1	NA	114	0.094 j	NA	NA	**1.03**	184 B1	3.2 j
<1	NA	262	<0.2	NA	NA	**0.795 B2**	23	3.41 j
<1	NA	13.8	<0.2	NA	NA	<0.3	<5	<5
<1	NA	13.7	<0.2	NA	NA	<0.3 B2	<5	<5
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<1	NA	13.7	<0.2	NA	NA	**0.451**	<5	<5
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<1	NA	15.8	<0.2	NA	NA	0.141 j	<5	<5
<1	NA	15.2	0.126 j	NA	NA	0.256 j	<5	1.687 j
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<1	NA	15.6	<0.2	NA	NA	NA	NA	NA
<1	NA	16.2	NA	NA	NA	<0.3	NA	19 B
<1	NA	15.8	<0.2	NA	NA	NA	NA	NA
<1	NA	15.2	NA	NA	NA	0.22 j	NA	1.721 j

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<1	NA	34.4 B2	<0.2	NA	NA	**1.58**	16	6
<1	NA	45.9	<0.2	NA	NA	**1.51**	23	4.976 j
<1	NA	71.2	<0.2	NA	NA	**1.14**	24 B	3.939 j
<1	NA	95.8	<0.2	NA	NA	**0.614**	8	3.679 j
<1	NA	137	NA	NA	NA	**0.458**	NA	3.696 j
<1	NA	158	<0.2	NA	NA	**0.602**	<5	2.935 j
<1	NA	192 M4	NA	NA	NA	**0.426**	NA	2.676 j
2.58	NA	46.9	<0.2	NA	NA	**2.08 B2**	<5	<5
1.37	NA	45.4	<0.2	NA	NA	**1.68**	<5	<5
<1	NA	44.7	<0.2	NA	NA	**1.17**	<5	<5
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<1	NA	46.7	<0.2	NA	NA	**0.655**	<5	<5
2.12	NA	48.2	<0.2 B3	NA	NA	**0.727**	<5	NA
4.37	NA	48.5	<0.2	NA	NA	**0.628**	<5	NA
4.33	NA	49.5 B3	<0.2	NA	NA	**0.808**	<5	<5
5.3	NA	48.5	<0.2	NA	NA	**0.732**	<5	2.381 j
6.2	NA	50.3	0.098 j	NA	NA	**0.859**	<5	2.353 j
11	NA	49.8	<0.2	NA	NA	**1.24**	3.117 j	2.008 j
11.7	NA	47.5	NA	NA	NA	**1.24**	NA	1.902 j
7.38	NA	49.3	NA	NA	NA	**1.36**	NA	6.649 j
3.52	NA	61.1	<0.2	NA	NA	**1.56**	<5	208
416	NA	48.2	<0.2	NA	NA	**3.79 B2**	<5	7
331 M4	NA	41.8	<0.2	NA	NA	**3.33**	<5	9
25.6	NA	96.4	<0.2	NA	NA	**2.53**	<5	6
76.3	NA	95.5	<0.2	NA	NA	**2.77**	<5	5
405	NA	52.9 M4, B3	<0.2	NA	NA	**3.98**	<5	<5
92.9	NA	73.8	<0.2	NA	NA	**2.63**	<5	6
192	NA	102	<0.2 B3	NA	NA	**4.23**	<5	NA
41.1	NA	109	<0.2	NA	NA	**2.9**	5	NA
23.6	NA	119 B3	<0.2	NA	NA	**2.56**	<5	<5
261	NA	59.6	<0.2	NA	NA	**4.83**	<5	4.005 j
149	NA	99	<0.2	NA	NA	**4.02**	2.01 j	4.15 j
31.3	NA	70.6	<0.2	NA	NA	**4.71**	1.959 j	2.646 j
8.19	NA	65.6	NA	NA	NA	**4.5**	NA	1.94 j
18.5	NA	86.6	NA	NA	NA	**3.81**	NA	2.191 j
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<1	NA	39.8	0.086 j	NA	NA	0.287 j	<5	6
<1	NA	42.2	<0.2	NA	NA	**0.396**	2.852 j	5
<1	NA	40.7	<0.2	NA	NA	0.246 j	<5	5
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<1	NA	44	0.083 j	NA	NA	**0.366**	<5	3.959 j
<1	NA	48.2	<0.2	NA	NA	0.285 j	<5	4.313 j
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<1	NA	55.5	0.09 j	NA	NA	**0.399**	9	3.848 j
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<1	NA	56.1	NA	NA	NA	0.168 j	NA	4.848 j,B
<1	NA	58.6	NA	NA	NA	0.257 j	NA	3.89 j
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<1	NA	18.5	<0.2	NA	NA	**0.603**	<5	<5
<1	NA	19.1	<0.2 B3	NA	NA	**0.315**	<5	NA
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<1	NA	20.3	<0.2	NA	NA	**0.337**	5	4.926 j
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<1	NA	21.7	NA	NA	NA	<0.3	NA	4.478 j
<1	NA	36.3	<0.2 B2,B3	NA	NA	**2.14**	5	13
<1	NA	40.5	<0.2	NA	NA	**2.01**	<5	8
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<1	NA	79.4	<0.2	NA	NA	**1.64**	17	8
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<1	NA	91.8	0.088 j	NA	NA	**1.23**	2.373 j	5
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<1	NA	113	NA	NA	NA	**0.485**	NA	5.918 j
<1	NA	121	NA	NA	NA	**0.482**	NA	7.043 j
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<1	NA	19.8	<0.2	NA	NA	**0.555**	<5	NA
<1	NA	19.9 B3	<0.2	NA	NA	**0.455**	<5	6
<1	NA	19.7	<0.2	NA	NA	**0.447**	2.423 j	8
<1	NA	17.5	<0.2	NA	NA	**0.34**	<5	4.828 j
<1	NA	17.3	<0.2	NA	NA	0.169 j	<5	18
<1	NA	17.7	0.111 j	NA	NA	NA	NA	NA
<1	NA	18.4	NA	NA	NA	**0.592**	NA	3.105 j
<1	NA	17.9	<0.2	NA	NA	NA	NA	NA
<1	NA	18.5	NA	NA	NA	**2.85**	NA	2.989 j
1.19	NA	32.1	<0.2	NA	NA	**0.767**	<5	<5
<1	NA	31.6	<0.2	NA	NA	0.3	<5	<5
<1	NA	29.5	<0.2	NA	NA	**0.599**	<5	NA
<1	NA	29.4	<0.2	NA	NA	<0.3	<5	NA
<1	NA	32.9 B2,,B3	<0.2	NA	NA	**0.31**	<5	8
<1	NA	33	<0.2	NA	NA	0.269 j	<5	6
<1	NA	31.6	<0.2	NA	NA	**0.302**	3.02 j	4.753 j
<1	NA	30.5	<0.2	NA	NA	0.222 j	<5	84
<1	NA	30.6	<0.2	NA	NA	NA	NA	NA

<1	NA	31.4	NA	NA	NA	0.154 j	NA	35
<1	NA	31.5	<0.2	NA	NA	NA	NA	NA
<1	NA	31.2	NA	NA	NA	0.248 j	NA	6.138 j
<1	NA	20.3	<0.2	NA	NA	**2.28**	7	<5
<1	NA	21.4	<0.2 B3	NA	NA	**1.95**	<5	<5
<1	NA	22.7	<0.2	NA	NA	**2.52**	<5	NA
1.3	NA	23.3	<0.2	NA	NA	**2.67**	7	NA
1.92	NA	23.5 B2,,B3	<0.2	NA	NA	**2.5**	<5	<5
1.79	NA	23	<0.2	NA	NA	**2.46**	<5	3.013 j
1.74	NA	24.2	<0.2	NA	NA	**2.5**	2.102 j	2.618 j
1.54	NA	23.3	<0.2	NA	NA	**2.36**	2.466 j	2.494 j
1.66	NA	25.9	NA	NA	NA	**2.18**	NA	2.438 j
1.08	NA	27.3	NA	NA	NA	**2.41**	NA	2.059 j
<1	NA	39.4	<0.2 B3	NA	NA	**0.876**	9	7
<1	NA	37.6	<0.2	NA	NA	**0.7**	10	<5
<1	NA	36.4	<0.2	NA	NA	**0.492**	<5	NA
<1	NA	44.7	<0.2	NA	NA	<0.3	7	NA
<1	NA	58.9 B2,,B3	<0.2	NA	NA	**0.458**	9	5
<1	NA	41.4	<0.2	NA	NA	0.272 j	4.138 j	6
<1	NA	43.2	<0.2	NA	NA	0.265 j	1.935 j	6
<1	NA	51.6	<0.2	NA	NA	**0.419**	<5	4.118 j
<1	NA	61.4	<0.2	NA	NA	NA	NA	NA
<1	NA	67.7	NA	NA	NA	0.266 j	NA	5.35 j
<1	NA	81.1	<0.2	NA	NA	NA	NA	NA
<1	NA	72.6	NA	NA	NA	**0.394**	NA	3.289 j
<1	NA	113	<0.2 B3	NA	NA	**1.3**	<5	7
<1	NA	135	<0.2	NA	NA	**10.4**	<5	65
<1	NA	24.9	<0.2	NA	NA	**0.722**	<5	NA
<1	NA	35.7	<0.2	NA	NA	**0.571**	<20	NA
<1	NA	81.8	<0.2	NA	NA	**2.08**	26	<5
<1	NA	144	<0.2	NA	NA	**0.76**	<5	29
<1	NA	267	0.088 j	NA	NA	**4.15**	<5	651
0.362 j	NA	288	<0.2	NA	NA	**3**	<5	702
<1	NA	285	0.087 j	NA	NA	NA	NA	NA
0.418 j	NA	332	NA	NA	NA	**1.76**	NA	1810
0.499 j	NA	335	**0.238**	NA	NA	NA	NA	NA
0.441 j	NA	368 M4	NA	NA	NA	**1.25**	NA	1420
5.79	NA	25.6 B2	<0.2	NA	NA	**4.08**	2.645 j	4.989 j
2	NA	27.8	<0.2	NA	NA	**1.54**	1.995 j	4.573 j
3.05	NA	27.3	<0.2	NA	NA	**1.48**	<5	4.981 j
3.62	NA	27.5	<0.2	NA	NA	**2**	2.046 j	3.803 j
24.3	NA	54.1 B2	<0.2	NA	NA	**5.98**	<5	5.803 j
23.3	NA	54.8	<0.2	NA	NA	**6.48**	<5	3.108 j
24	NA	55.4	0.119 j	NA	NA	**6.11**	<5	2.625 j
25.9	NA	54.5	<0.2	NA	NA	**6.47**	2.074 j	3.645 j

4.37	NA	32.9 B2	<0.2	NA	NA	**3.54**	113	4.9 j
0.51 j	NA	26.7	<0.2	NA	NA	**0.795**	29	5.062 j
0.604 j	NA	23	0.163 j	NA	NA	**0.486**	6 B2	5.823 j
0.477 j	NA	21.3	<0.2	NA	NA	**0.613**	9	4.792 j
39.7	NA	63.4 B2	<0.2	NA	NA	**5.7**	32	2.714 j
40.6	NA	64.4	<0.2	NA	NA	**7.7**	3.892 j	2.358 j
45.3	NA	66.1	<0.2	NA	NA	**7.87**	<5	2.535 j
53	NA	66.8	<0.2	NA	NA	**8.08**	<5	<10
37.2	NA	68.4	<0.2	NA	NA	**9.99**	3.045 j	2.808 j
37	NA	72.8	<0.2	NA	NA	**13.8**	4.065 j	3.504 j
36.6	NA	74	<0.2	NA	NA	**16.8**	<5	4.173 j
35.4	NA	78.3	<0.2	NA	NA	**18.6**	4.431 j	2.755 j
9.91	NA	54.2 B2	<0.2	NA	NA	**2.14**	1.998 j	7.492 j
2.22	NA	56.7	<0.2	NA	NA	**0.946**	4.641 j	4.315 j
2.18	NA	57.3	<0.2	NA	NA	**1.68**	<5	5.792 j
3.26	NA	57.1 M4	0.129 j	NA	NA	**2.79**	<5	2.935 j
24.9	NA	76.1 B2	<0.2	NA	NA	**11.6**	24	4.519 j
27.2	NA	76.3	<0.2	NA	NA	**10.8**	2.058 j	2.995 j
28	NA	75	<0.2	NA	NA	**10.8**	<5	4.818 j
26.8	NA	76.5	<0.2	NA	NA	**11.6**	3.106 j	2.977 j
25.5	NA	30.2 B2	<0.2	NA	NA	**2.18**	<5	5.644 j
15.6	NA	43.1	<0.2	NA	NA	**4.97**	<5	18
17.2	NA	34.4	<0.2	NA	NA	**3.4**	<5	23
10	NA	45.7	<0.2	NA	NA	**9.44**	4.906 j	<10
9.43	NA	43.3 B2	<0.2	NA	NA	**4.92**	<5	3.128 j
9.69	NA	44.1	0.086 j	NA	NA	**5.44**	5	2.052 j
10.1	NA	43.9	<0.2	NA	NA	**6.12**	5	8.485 j
11.1	NA	46.5	<0.2	NA	NA	**4.62**	7	2.256 j
11.9	NA	64	<0.2	NA	NA	**4.54**	10	3.611 j
12.5	NA	90.9 M1	0.109 j	NA	NA	**7.06**	10	5.323 j
11.5	NA	90.4	<0.2	NA	NA	**10.1**	2.375 j	108
11.6	NA	89.2	<0.2	NA	NA	**10.1**	11	4.169 j
<1	NA	43.8	<0.2	NA	NA	**1.05**	<5	5.861 j
<1	NA	68	<0.2	NA	NA	**1.31**	3.535 j,B	3.337 j
0.392 j	NA	382	<0.2	NA	NA	**0.847**	<5	1130
<1	NA	19.4	<0.2	NA	NA	**1.44**	11 B	8.236 j
<1	NA	20.1	<0.2	NA	NA	**1.17**	76	5.844 j
<1	NA	19.4	0.083 j	NA	NA	**1.33**	23 B	6.213 j
<1	NA	19.2	<0.2	NA	NA	**1.4**	14	5.968 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
2.39	NA	22.9	<1	NA	NA	**2.84**	14.7	NA
1.57	NA	23.4	<0.2	NA	NA	**3.47**	16	NA

<5	NA	<0.5	<1	NA	NA	<10	87.39999	NA
<1	NA	37.3	<0.2	NA	NA	**1.76**	94	NA
<1	NA	34	<1	NA	NA	<5	16	NA
<1	NA	33.3	<0.2	NA	NA	**2.69**	17	NA
<2	NA	16.4	<0.5	NA	NA	**1.38**	19.6	NA
<1	NA	15.2	<0.2	NA	NA	**0.88**	17	NA
<0.5	NA	16.3	<0.1	NA	NA	**5.9**	40.7	NA
<1	NA	15.6	<0.2	NA	NA	**6.03**	44	NA
<0.5	NA	18.4	<0.1	NA	NA	**4.5**	40.9	NA
<1	NA	19.3	<0.2	NA	NA	**4.78**	43	NA
<0.5	NA	20.1	<0.1	NA	NA	**0.6**	67.9	NA
<0.5	NA	14.4	<0.1	NA	NA	**0.83**	14.8	NA
<0.5	NA	30.8	<0.1	NA	NA	**1.6**	90.1	NA
<0.5	NA	12.5	<0.1	NA	NA	<0.3	424	NA
<0.5	NA	11.7	<0.1	NA	NA	**6.1**	95.2	NA
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<1	NA	62.9	<0.2	NA	NA	**3.26**	13	NA
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2.4	<1	46	<2	NA	NA	<10	<10	NA
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<0.5	NA	15.1	<0.1	NA	NA	**6.8**	47.9	NA
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<0.5	NA	14.7	<0.1	NA	NA	**3.8**	36.6	NA
<0.5	NA	13.4	<0.1	NA	NA	**3.5**	169	NA
<0.5	NA	17.1	<0.1	NA	NA	**5.5**	194	NA
<0.5	NA	18.1	<0.1	NA	NA	**5.1**	149	NA
<0.5	NA	17.5	<0.1	NA	NA	**4.1**	27.1	NA
<5	NA	<0.5	<1	NA	NA	<10	<50	NA
<1	NA	26.9	<0.2	NA	NA	**3.87**	15	NA
2.4	<1	30	<2	NA	NA	<10	30	NA
<0.5	NA	25	<0.1	NA	NA	**3.5**	108	NA
<0.5	NA	16.6	<0.1	NA	NA	**1.8**	14.8	NA
<0.5	NA	17.3	<0.1	NA	NA	**0.73**	49.2	NA
<0.5	NA	21.3	<0.1	NA	NA	**17.1**	37.1	NA
<0.5	NA	13.3	<0.1	NA	NA	**0.4**	19.4	NA
<0.5	NA	12.6	<0.1	NA	NA	<0.3	11.8	NA
<0.5	NA	25.3	<0.1	NA	NA	**10.6**	36.3	NA
<1	NA	27.2	<0.2	NA	NA	**10.2**	40	NA
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<0.5	NA	9.99	<0.1	NA	NA	**3.1**	51.1	NA
<1	NA	10.5	<0.2	NA	NA	**3.06**	54	NA
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1.3	NA	41.2	<0.1	NA	NA	**1.8**	7	NA
<0.5	NA	59.8	<0.1	NA	NA	**4.3**	16.4	NA
<0.5	NA	8.5	<0.1	NA	NA	**5**	162	NA

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2.2	NA	38.7	<0.2	NA	NA	NA	NA	NA
<1	NA	34	<0.2	NA	NA	NA	NA	NA
12.2	NA	104	<0.2	NA	NA	NA	NA	NA
165	NA	73.5	<0.2	NA	NA	NA	NA	NA
105	NA	64.7	<0.2	NA	NA	NA	NA	NA
69.7	NA	59.7	<0.2	NA	NA	NA	NA	NA
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8.34	NA	NA	<0.2	NA	NA	NA	<5	NA
7.72	NA	NA	<0.2	NA	NA	NA	<5	NA
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<1	NA	35.4 B2,,B3	<0.2	NA	NA	**8.74**	<5	10
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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<1	NA	0.021107 j	NA	NA	NA	0.128 j	NA	NA
<1	NA	0.027096 j,B2	0.092 j	NA	NA	0.228 j	5	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.109 j	2.07 j	NA	<0.133	NA	NA	NA	<2.6	NA
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0.218 j	<5	NA	<0.2 B2	NA	NA	NA	<5	NA
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NA	NA	NA	NA	NA	NA	NA	NA	1.726 j
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NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	2.091 j
NA	NA	NA	NA	NA	NA	NA	NA	3.676 j
NA	NA	NA	NA	NA	NA	NA	NA	2.193 j
NA	NA	NA	NA	NA	NA	NA	NA	1.849 j
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NA	NA	NA	NA	NA	NA	NA	NA	3.135 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	2.218 j
NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	<10
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NA	NA	NA	NA	NA	NA	NA	NA	2.687 j,B
NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	1.894 j
NA	NA	NA	NA	NA	NA	NA	NA	1.701 j
NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	1.898 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
1.33	NA	14.8	<0.2	NA	NA	NA	NA	NA
5.04	NA	13.6	<0.2	NA	NA	NA	NA	NA
5.94	NA	14.2	<0.2	NA	NA	NA	NA	NA
<1	NA	19.4	<0.2	NA	NA	NA	NA	NA
82.8	1.8 J	NA	0.069 JB	NA	NA	NA	7.4 JB	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
69.8	<5	NA	<0.2	NA	NA	NA	<5	NA
62.9	<1	NA	<0.2	NA	NA	NA	<5	NA
58.6	<1	NA	<0.2	NA	NA	NA	1.79 j	NA
49.3	<1	NA	<0.2	NA	NA	NA	<5	NA
<10	0.52 JB	NA	<0.1	NA	NA	NA	55.4	NA
<1	<5	NA	<0.2	NA	NA	NA	<5	NA
<1	<5	NA	<0.2	NA	NA	NA	<5	NA
0.272 j	2.02 j	NA	<0.133	NA	NA	NA	<2.6	NA
0.26 j	<5	NA	<0.2	NA	NA	NA	<5	NA
<1	NA	21.9	<0.2	NA	NA	**3.58**	<5	<5
<1	NA	22.8 M4	<0.2	NA	NA	**3.81**	<5	<5
<1	<5	NA	<0.2	NA	NA	NA	4.39 j,B3	NA
<1	NA	20.1	<0.2	NA	NA	NA	NA	NA
<1	NA	20.3	<0.2	NA	NA	NA	NA	NA
<1	NA	19.9	<0.2	NA	NA	**3.8**	<5	NA
<1	NA	21.1	<0.2	NA	NA	NA	NA	NA
<1	NA	20.1	<0.2	NA	NA	NA	NA	NA

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<1	NA	23.5	<0.2	NA	NA	NA	NA	NA
<10	1.1 JB	NA	<0.1	NA	NA	NA	16.3 B	NA
<1	<5	NA	<0.2	NA	NA	NA	31	NA
<1	<5	NA	<0.2	NA	NA	NA	6	NA
19	<5	NA	<0.1	NA	NA	NA	<10	NA
21.8	<5	NA	<0.2	NA	NA	NA	<5	NA
143	NA	66.5	<0.2	NA	NA	**6.47**	<5	<5
<1	NA	53.6	<0.2	NA	NA	**0.767 B2**	<5	2.42 j
<1	NA	52.7	<0.2	NA	NA	**0.565**	3.121 j	1.963 j
0.375 j	NA	52.3	NA	NA	NA	**0.759**	NA	21
1.19	NA	30.4	<0.2	NA	NA	**3.54 B2**	<5	<5
<1	NA	30.1	<0.2 B3	NA	NA	**2.32**	<5	NA
<1	NA	33	<0.2	NA	NA	**1.88**	1.94 j	<5
<1	NA	25 B1	<0.2	NA	NA	**0.745**	<5	97
<1	NA	29.6	NA	NA	NA	**0.484**	NA	142
31.5	NA	39.9	<0.2	NA	NA	**1.04**	<5	93
6.21	NA	46.9	<0.2	NA	NA	**11.5**	<5	293
<1	NA	12.5	<0.2	NA	NA	**0.927**	<5	12
<1	NA	11.1	<0.2 B2	NA	NA	<0.3	<5	8
<1	NA	18	<0.2	NA	NA	**1.3**	24	<5
<1	NA	37.3	<0.2	NA	NA	**1.38**	<5	<5
<1	NA	23.3	NA	NA	NA	**0.479**	NA	6.419 j
<1	NA	35.2	<0.2	NA	NA	**0.455**	27	66
<1	NA	34.9	<0.2	NA	NA	**0.386**	31	7
<1	NA	37	<0.2	NA	NA	NA	NA	NA
<1	NA	39.9	<0.2	NA	NA	**1.19**	12	<5
<1	NA	36.7	<0.2	NA	NA	NA	NA	NA
<1	NA	37.1	<0.2	NA	NA	NA	NA	NA
<1	NA	36.2 B2	<0.2	NA	NA	NA	NA	NA
<1	NA	23	<0.2	NA	NA	**0.465**	62	<5
<1	NA	28.3	<0.2	NA	NA	**9.73 B2**	<5	<5
<1	NA	18.4	<0.2 B2	NA	NA	NA	NA	NA
<1	NA	18.1	<0.2	NA	NA	NA	NA	NA
<1	NA	20.6	<0.2	NA	NA	<0.3	<5	<5
<1	NA	21.6	<0.2	NA	NA	NA	NA	NA
<1	NA	30 B2	<0.2	NA	NA	**0.324**	<5	10
<1	NA	29.9	<0.2	NA	NA	**0.394**	<5	<5
<1	NA	70.1	0.091 j	NA	NA	**0.806**	<5	2.252 j
<1	NA	70	<0.2	NA	NA	**0.41**	<5	3.888 j
<1	NA	290	<0.2	NA	NA	**0.652**	93	4.659 j
<1	NA	13.7	<0.2	NA	NA	<0.3	<5	<5
<1	NA	15.3	<0.2	NA	NA	<0.3	<5	NA
<1	NA	14.7	<0.2	NA	NA	<0.3	<5	NA
<1	NA	15.1 B3	<0.2	NA	NA	<0.3	<5	<5

<1	NA	16	<0.2	NA	NA	0.15 j	<5	<5
<1	NA	15.5	NA	NA	NA	0.199 j	NA	1.85 j
236	NA	71.4	<0.2	NA	NA	**4.7**	<5	5
<1	NA	30.8	<0.2	NA	NA	**0.432**	<5	<5
<1	NA	43.5	<0.2	NA	NA	<0.3	<5	NA
<1	NA	44.1	<0.2	NA	NA	**0.329**	<5	5
<1	NA	55	<0.2	NA	NA	**0.376**	9	4.404 j
<1	NA	32.8	<0.2	NA	NA	**0.379**	3.3 j	4.682 j
<1	NA	31.5	<0.2	NA	NA	0.147 j	<5	6
<1	NA	19.7	<0.2	NA	NA	**2.39**	6	<5
<1	NA	21.5	<0.2 B3	NA	NA	**2.08**	<5	<5
1.65	NA	23.9	<0.2	NA	NA	**2.26**	1.733 j	2.811 j
1.55	NA	23.1	0.112 j	NA	NA	**2.16**	3.109 j	6
<1	NA	66.6	NA	NA	NA	0.286 j	NA	5.195 j
<1	NA	<0.05	<0.2	NA	NA	**0.321**	<5	NA
<1	NA	14.9	<0.2	NA	NA	<0.3	27	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

Antimony (0.45u)	Arsenic (0.45u)	Barium (0.45u)	Beryllium (0.45u)	Boron (0.45u)	Cadmium (0.45u)	Calcium (0.45u)	Chromium (0.45u)	Cobalt (0.45u)	Copper (0.45u)
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6.83	307	226	<1	10200	<1	NA	<1	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3.81	523	203	<1	11000	<1	NA	<1	<1	<1
3.88	661	194	<1	11400	<1	NA	<1	<1	<1
4.5	699	186	<1	11400	<1	NA	<1	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.3	788	163	<1	11700	<1	NA	<1	<1	<1
5.56	761	165	<1	12000	<1	NA	<1	<1	<1
5.06	741 M4	156	<1	11800	<1	NA	<1	<1	<1
4.44	715	162	<1	12000	<1	NA	<1	<1	5.61
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3.57	631	157	<1	12000	<1	NA	<1	<1	<1
3.71	578	156	<1	11800	<1	NA	<1	<1	<1
3.66	609	149	<1	12300	<1	NA	<1	<1	<1
2.49	587	141	<1	12400	0.351 j	NA	<1	<1	<1
5.2	531	NA	NA	12400	NA	NA	<1	<1	NA
5.47	610	NA	NA	12200	NA	NA	<1	<1	NA
<1	<1	36	<1	183	<1	NA	<1	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	30	<1	157	<1	NA	<1	<1	20.8
<1	<1	31	<1	281	<1	NA	<1	1.49	<1
<1	<1	29	<1	286	<1	NA	<1	1.56	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	<1	33	<1	508	<1	NA	<1	<1	<1
<1	<1	31	<1	474	<1	NA	<1	<1	<1
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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<1	0.498 j	44	<1	1550	<1	NA	<1	<1	<1
<1	0.611 j	NA	NA	1570	NA	NA	<1	0.353 j	NA
<1	<1	60	NA	2440	NA	NA	<1	<1	<1
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<1	2.12	319	<1	<50	<1	NA	<1	7.18	10.6
<1	2.14	NA	NA	41.551 j	NA	NA	<1	6.45	NA
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<1	<1	49	<1	2280	<1	NA	<1	3.31	5.94
<1	<1	9	<1	<50	<1	NA	<1	<1	<1
<1	<1	8	<1	<50	<1	NA	<1	<1	<1
<1	<1	24	<1	<50	<1	NA	<1	1.78	<1
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<1	<1	34	<1	<50	<1	NA	<1	1.06	1.18
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<1	2.45	107	<1	18600	<1	819	<1	1.78	<1
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<1	<1	31	<1	356.365 j	<1	NA	0.481 j	3.75	0.936 j
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	1.66	55	<1	19.521 j	<1	NA	0.415 j	0.447 j	<1
<1	2.15	64	<1	<50	<1	NA	<1	0.412 j	<1
<1	0.948 j	13	<1	30.468 j	<1	NA	<1	0.419 j	<1
<1	0.878 j	12	<1	27.706 j	<1	NA	<1	0.487 j	<1
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<1	<1	38	<1	<50	<1	NA	<1	0.376 j	<1
<1	<1	41	<1	<50	<1	NA	<1	0.402 j	<1
<1	4.54	NA	NA	36.318 j	NA	NA	<1	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

Iron (0.45u)	Lead (0.45u)	Lithium (0.45u)	Magnesium (0.45u)	Manganese (0.45u)	Mercury (0.45u)	Molybdenum (0.45u)	Nickel (0.45u)
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	2530	3.46
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	2270	3.59
<10	<1	NA	NA	<5	<0.05	2350	3.59
<10	<1	NA	NA	<5	<0.05	2340	3.23
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	2440	3.12
<10	<1	NA	NA	<5	<0.05 M2	2330	3.29
<10	<1	NA	NA	<5	<0.05	2350 M4	2.89
<10 B3	<1	NA	NA	<5	<0.05	2330	2.96
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	11	NA	<5	<0.05	2270	2.78
<10	<1	15	NA	4.498 j	<0.05	2300	2.67
14	<1	13	NA	3.405 j	<0.05	2200	2.52
<10	<1	18	NA	3.153 j	<0.05	2210	1.83
3.631 j	NA	19	NA	4.471 j	NA	2160	NA
4.019 j	NA	23	NA	3.659 j	NA	2140	NA
1350	<1	NA	NA	893	<0.05	2.7	1.07
NA	NA	NA	NA	NA	NA	NA	NA
1460	<1	NA	NA	900	<0.05	3.06	<1
1520	<1	NA	NA	936	<0.05	2.41	<1
1580	<1	NA	NA	943	<0.05	3.46	<1
NA	NA	NA	NA	NA	NA	NA	NA
1570	<1	NA	NA	981	<0.05	2.31	<1
1450	<1	NA	NA	991	<0.05	2.29	<1
1520	<1	NA	NA	1010	<0.05	3.35	<1
1470	<1	NA	NA	977	<0.05	2.38	<1
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
1560	<1	<5	NA	983	<0.05	2.15	<1
1400	<1	5	NA	856	<0.05	2.31	<1
1570	<1	2.78 j	NA	1010	<0.05	1.93	<1
1570	<1	3.189 j	NA	1010	<0.05	2.06	<1
1680	NA	6	NA	1020	NA	2.21	NA
1650	NA	4.309 j	NA	1040	NA	3.08	NA
14	<1	NA	NA	274	<0.05	757	3.05
NA	NA	NA	NA	NA	NA	NA	NA
16	<1	NA	NA	52	<0.05	914	3.29
33	<1	NA	NA	109	<0.05	842	2.61
940	<1	NA	NA	261	<0.05	625	1.65
2160	<1	NA	NA	464	<0.05	478	1.18
15200	<1	NA	NA	1240	<0.05	164	<1
5170	<1	NA	NA	709	<0.05	412	<1
29300 B2	<1	NA	NA	1950	<0.05	67.2	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
2320	<1	30	NA	418	<0.05 M2	361	<1
477	<1	29	NA	249	<0.05	397	0.872 j
81	<1	20	NA	400	<0.05	506	1.43
1080	<1	35	NA	368	<0.05	377	0.887 j
32600	NA	13	NA	1640	NA	29.6	NA
3120	NA	52	NA	524	NA	238	NA
35	<1	NA	NA	2170	<0.05	30.5	3.17
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	19.4	1.13
<50	0.9	NA	NA	110	<0.2	15.5	<2.5
74	<1	NA	NA	1180	<0.05	20.6	<1
21	<1	NA	NA	764	<0.05	14.9	<1
801	<1	NA	NA	1700	<0.05	10.1	1.53
<10	<1	NA	NA	102	<0.05	5.69	<1
765 B2	<1	NA	NA	1520	<0.05	11.9	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
538	<1	<5	NA	1350	<0.05	8.61	<1
606	<1	3.916 j	NA	1250	<0.05	10.9	<1
651	<1	5	NA	1140	<0.05	9.45	<1
602	<1	3.843 j	NA	964	0.025 j,D2	10.5	<1
680	NA	10	NA	1090	NA	11	NA
575	NA	5	NA	917	NA	9.24	NA
59900	<1	NA	NA	5500	<0.05	<1	181
NA	NA	NA	NA	NA	NA	NA	NA
297000	<1	NA	NA	14200	<0.05	4.74	35.5
131000	<1	NA	NA	5750	<0.05	2.86	147

27400	<1	NA	NA	3080	<0.05	<1	126
14600	<1	NA	NA	6620	<0.05	<1	205
23700	<1	NA	NA	6880	<0.05	<1	204
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
6020	<1	250	NA	12700	<0.05	<1	549
6130	0.357 j	154	NA	7080	<0.05	<1	253
24200	0.472 j	184	NA	6860	<0.05	<1	232
12500	0.597 j	168	NA	5970	<0.05	<1	228
6770	NA	82	NA	2950	NA	<1	NA
105000	NA	213	NA	6450	NA	0.201 j	NA
6350	<1	NA	NA	20600	<0.05	2.64	331
NA	NA	NA	NA	NA	NA	NA	NA
13100	<1	NA	NA	22600	<0.05	<1	542
4710	<1	NA	NA	11800	<0.05	<1	285
6300	<1	NA	NA	14400	<0.05	<1	322
5920	<1	NA	NA	14300	<0.05	<1	308
4610	<1	NA	NA	13400	<0.05	<1	289
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
7220	<1	160	NA	17500	<0.05	<1	358
4310	<1	140	NA	15000	<0.05	0.19 j	290
2890	<1	110	NA	14800	<0.05	0.533 j	288
5340	<1	148	NA	17000	<0.05	0.18 j	308
4550	NA	153	NA	15800	NA	0.208 j	NA
2020	NA	95	NA	18500	NA	0.234 j	NA
382	<1	NA	NA	260	<0.05	3.27	1.18
153	<1	NA	NA	208	<0.05	3.82	<1
460	<1	NA	NA	191	<0.05	4.23	5.98
513	<1	NA	NA	189	<0.05	2.73	<1
654	<1	NA	NA	178	<0.05	1.98	<1
552	<1	NA	NA	169	<0.05	1.56	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
156	<1	<5	NA	81	<0.05	1.33	<1
684	<1	9	NA	174	<0.05	1.6	<1
558	<1	7	NA	168	<0.05	1.59	<1
645	<1	6	NA	172	<0.05	1.71	1.01
51	NA	8	NA	<5	NA	1.35	NA
53	NA	9	NA	<5	NA	1.85	NA
NA	NA	NA	NA	NA	NA	NA	NA
25600	<1	NA	NA	4920	<0.05	1160	2.39
NA	NA	NA	NA	NA	NA	NA	NA
28900	<1	NA	NA	5450	<0.05	833	1.72
42700	<1	NA	NA	6460	<0.05	539	<1

44600	<1	NA	NA	6800	<0.05	495	1.45
46200	<1	NA	NA	8020	<0.05	471	2.78
50500	<1	NA	NA	8150	<0.05	530	3.36
53300	<1	NA	NA	8720	<0.05	529 M4	4.02
58000 B3	<1	NA	NA	8950	<0.05	558	4.2
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
68400	<1	7290	NA	11600	<0.05 M2	634	4.54
69000	<1	7990	NA	11000	<0.05	709	5.03
65500	<1	7970	NA	12200	<0.05	758	5.32
1550	<1	NA	NA	3430	<0.05	44	<1
NA	NA	NA	NA	NA	NA	NA	NA
13200	<1	NA	NA	5150	<0.05	15.2	<1
12500	<1	NA	NA	3170	<0.05	9.77	<1
17600	<1	NA	NA	3040	<0.05	10.8	<1
12400	<1	NA	NA	2950	<0.05	4.6	<1
8430	<1	NA	NA	3360	<0.05	5.78	<1
7200	<1	NA	NA	2770	<0.05	3.88	<1
6200 B2	<1	NA	NA	2450	<0.05	3.41	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
3760	<1	<5	NA	2270	<0.05	2.84	<1
3930	<1	4.617 j	NA	1820	<0.05	2.98	<1
3470	<1	1.972 j	NA	1910	<0.05	4.65	<1
485	<1	NA	NA	700	<0.05	675	2.3
NA	NA	NA	NA	NA	NA	NA	NA
1080	<1	NA	NA	1440	<0.05	944	1.12
1470	<1	NA	NA	948	<0.05	1180	1.03
1670	<1	NA	NA	970	<0.05	1080	1.39
2980	<1	NA	NA	1100	<0.05	1080	1.04
3290	<1	NA	NA	1150	<0.05	1320 M4	1.24
2400	<1	NA	NA	1600	<0.05	1250	1.84
NA	NA	NA	NA	NA	NA	NA	NA
4190 B3	<1	NA	NA	1530	<0.05	1550	1.14
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
4720	<1	7840	NA	1870	<0.05	2940	1.4
3540	<1	7260	NA	1480	<0.05	2290	1.48
4730	<1	7020	NA	1510	<0.05	2720 M4	1.49
4920	<1	7600	NA	1510	<0.05	3160	1.35
21700	<1	NA	NA	5740	<0.05	15.6	<1
NA	NA	NA	NA	NA	NA	NA	NA
28700	<1	NA	NA	5940	<0.05	15.1	1.25
28500	<1	NA	NA	6060	<0.05	15.4	1.73
25200	<1	NA	NA	5380	<0.05	16.9	1.96

34800	<1	NA	NA	6840	<0.05 M2	16.1	<1
26200	<1	NA	NA	5500	<0.05	19.3	3.86
24300	<1	NA	NA	5120	<0.05	21.9	5.55
29700 B3	<1	NA	NA	5840	<0.05	23.3	3.74
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
25700	<1	14	NA	5240	<0.05	26.6	4.59
32700	<1	3.769 j	NA	6060	<0.05	16.5	1.5
33300	<1	<5	NA	6600	<0.05	11.5	0.62 j
32500	<1	<5	NA	6770	<0.05	9.98	0.334 j
29500	NA	2.309 j	NA	6280	NA	8.73	NA
31500	NA	6	NA	7250	NA	11.6	NA
3160	<1	NA	NA	849	<0.05	474	<1
NA	NA	NA	NA	NA	NA	NA	NA
14300	<1	NA	NA	2090	<0.05	141	<1
22500	<1	NA	NA	2430	<0.05	46.2	<1
12200	<1	NA	NA	1860	<0.05	89.6	<1
8050	<1	NA	NA	1490	<0.05	110	<1
3580 B2	<1	NA	NA	1120	<0.05	77.4	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
4240	<1	11	NA	1050	<0.05	16.9	<1
983	<1	9	NA	749	<0.05	14.9	<1
1400	<1	11	NA	942	<0.05	8.64	<1
290	<1	8	NA	1030	<0.05	6.04	<1
4230	NA	10	NA	1410	NA	2.35	NA
848	NA	9	NA	1160	NA	1.32	NA
<10	<1	NA	NA	1800	<0.05	2.84	3.03
NA	NA	NA	NA	NA	NA	NA	NA
74	<1	NA	NA	2270	<0.05	4.59	3.5
77	<1	NA	NA	1930	<0.05	3.29	2.97
323	<1	NA	NA	2690	<0.05	5.29	2.91
NA	NA	NA	NA	NA	NA	NA	NA
86	<1	NA	NA	822	<0.05	2.38	2.16
112	<1	NA	NA	885	<0.05	2.61	2.58
83	<1	NA	NA	864	<0.05	2.64	2.74
70 B2	<1	NA	NA	875	<0.05	2.12	2.5
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
78	<1	<5	NA	764	<0.05	2.09	2.42
100	<1	2.257 j	NA	803	<0.05	1.98	2.3
89	<1	2.974 j	NA	741	<0.05	2.2	2.13
80	<1	<5	NA	734	<0.05	1.84	2.12
49	NA	2.513 j	NA	571	NA	1.97	NA
38	NA	2.06 j	NA	590	NA	1.49	NA

<10	<1	NA	NA	120	<0.05	1130	1.94
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	5	<0.05	1100	1.63
<10	<1	NA	NA	9	<0.05	1360	1.21
<10	<1	NA	NA	9	<0.05	1510	1.47
<10	<1	NA	NA	10	<0.05	1630	1.39
<10 B3	<1	NA	NA	11	<0.05	1750	1.44
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
250	<1	NA	NA	469	<0.05	1.51	<1
NA	NA	NA	NA	NA	NA	NA	NA
306	<1	NA	NA	463	<0.05	<1	<1
279	<1	NA	NA	492	<0.05	<1	<1
274	<1	NA	NA	451	<0.05	<1	<1
179	<1	NA	NA	517	<0.05	1.94	<1
162	<1	NA	NA	521	<0.05	1.86	<1
139	<1	NA	NA	499	<0.05	2.08	<1
118 B3	<1	NA	NA	507	<0.05	1.41	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
226	<1	<5	NA	446	<0.05	1.28	<1
183	<1	2.034 j	NA	502	<0.05	1.11	<1
157	<1	3.349 j	NA	498	<0.05	1.2	<1
166	<1	2.462 j	NA	495	<0.05	1.1	<1
98	NA	2.572 j	NA	543	NA	0.894 j	NA
44	NA	<5	NA	561	NA	1.23	NA
246	<1	NA	NA	57	<0.05	5.38	<1
198	<1	NA	NA	58	<0.05	5.3	<1
219	<1	NA	NA	60	<0.05	4.93	<1
211	<1	NA	NA	61	<0.05	5.73	<1
194	<1	NA	NA	62	<0.05	6.66	<1
148 B3	<1	NA	NA	62	<0.05	8.03	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
115	<1	9	NA	54	<0.05	11.4	<1
231	<1	2.853 j	NA	63	<0.05	3.4	<1
267	<1	9	NA	71	<0.067	4.01	<1
214	<1	10	NA	66	<0.05	4.2	<1
183	NA	10	NA	67	NA	4.22	NA
177	NA	8	NA	58	NA	4.84	NA
293	<1	<5	NA	55	<0.05	2.27	0.343 j
289	<1	<5	14.2	45	<0.05	1.41	<1
316	<1	<5	14.1	46	<0.05	1.28	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	7	<0.05	<1	1.31
NA	NA	NA	NA	NA	NA	NA	NA
<50	<0.1	NA	NA	9.1	<0.2	0.85	1.7
<10	<1	NA	NA	8	<0.05	<1	1.51
<10	<1	NA	NA	<5	<0.05	<1	1.38
<10	<1	NA	NA	<5	<0.05	<1	1.05
<10	<1	NA	NA	<5	<0.05	<1	1.05
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	7	<0.05	<1	2.21
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	1.36
<10	<1	NA	NA	<5	<0.05	<1	1.31
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	<5	<0.05	<1	1.38
<10	<1	2.635 j	NA	<5	<0.05	0.706 j	1.23
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	4.192 j	NA	<5	<0.05	0.678 j	1.33
NA	NA	NA	NA	NA	NA	NA	NA
3.829 j	<1	4.133 j	NA	<5	<0.05	0.701 j	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	6	NA	<5	NA	0.574 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	4.088 j	NA	<5	NA	0.545 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
71	<1	NA	NA	591	<0.05	1.31	<1
NA	NA	NA	NA	NA	NA	NA	NA
36	<1	NA	NA	592	<0.05	5.28	<1

65	<0.1	NA	NA	440	<0.2	3.8	1.3
73	<1	NA	NA	402	<0.05	14.8	1.43
46	1.01	NA	NA	370	<0.05	6.74	1.41
68	<1	NA	NA	387	<0.05	7.69	<1
50	<1	NA	NA	336	<0.05	8.09	1.37
13	<1	NA	NA	352	<0.05	5.23	1.54
16	<1	NA	NA	336	<0.05	7.02	1.14
31	<1	NA	NA	406	<0.05	4.63	3.04
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
20	<1	11	NA	209	<0.05	2.68	1.96
13	<1	13	NA	229	<0.05	2.74	1.23
41	<1	12	NA	227	<0.05	2.54	0.919 j
56	<1	14	NA	189	0.019 j	2.36	0.778 j
14	NA	18	NA	141	NA	1.79	NA
63 B2	NA	15	NA	327	NA	1.85	NA
<10	<1	NA	NA	<5	<0.05	9.51	<1
14	<1	NA	NA	74	<0.05	3.78	<1
<10	<1	NA	NA	385	<0.05	51.1	6.72
<10	<1	NA	NA	232	<0.05	70.4	1.21
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
49	<1	65	NA	186	<0.05	29.4	<1
39	<1	68	NA	178	<0.05	25.1	0.411 j
23	<1	43	NA	222	0.018 j	19.8	0.341 j
14	<1	80	NA	166	<0.05	19.1	<1
4.771 j	NA	100	NA	115	NA	17.2	NA
11	NA	78	NA	149	NA	17.3	NA
<10	<1	NA	NA	37	<0.05	1.28	1.28
<10	<1	NA	NA	36	<0.05	<1	1.67
<10	<1	NA	NA	16	<0.05	1.04	1.4
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
196	<1	14	NA	153	<0.05	7.16	1.98
7.549 j	<1	134	NA	3.275 j	0.026 j	12.9	0.486 j
128	<1	36	NA	134	<0.05	8.01	<1
9.95 j	<1	202	NA	4.62 j	0.027 j	19.1	<1
70	NA	64	NA	73	NA	9.68	NA
328 B2	NA	321	NA	3.171 j	NA	22.3	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
6.972 j	<1	2.551 j	70.7	231	<0.2 M	2.45	2.83
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
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<10	<1	15	NA	92	<0.05	259	7.13
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	4.998 j	5.57	52	<0.05	4.8	0.377 j
129	<1	<5	NA	65	<0.05	2.93	0.436 j
NA	NA	NA	NA	NA	NA	NA	NA
340	<1	<5	NA	37	<0.05	1.2	<1
NA	NA	NA	NA	NA	NA	NA	NA
234	0.532 j	3.382 j	NA	23	<0.05	1.53	<1
297	NA	25	NA	26	NA	2.15	NA
NA	NA	NA	NA	NA	NA	NA	NA
175 B2	NA	34	NA	18	NA	1.82	NA
<10	<1	<5	NA	81	<0.05	0.996 j	1.67
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	12	<0.05	0.812 j	0.357 j
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	4.288 j	<0.05	0.417 j	0.509 j
4.313 j	NA	9	NA	3.259 j	NA	0.383 j	NA

NA	NA	NA	NA	NA	NA	NA	NA
3.901 j,B2	NA	<5	NA	2.837 j	NA	0.331 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	9	NA	624	<0.05	0.42 j	19.8
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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155	<1	2.431 j	NA	325	<0.05	5.01	1.55
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1050	<1	<5	NA	404	<0.05	0.61 j	2.56
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3.639 j	<1	66	NA	7820	<0.05	203	78.1
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NA	NA	NA	NA	NA	NA	NA	NA

16	<1	4.435 j	NA	2190	<0.05	0.651 j	3.53
49200	<1	1.971 j	NA	129000	<0.05	1.67	74.9
1010	<1	82	NA	28300	<0.05	1.09	99
323	<1	5	NA	4210	<0.05	1.66	18.6
145	<1	6	NA	884	<0.05	18.6	2.18
30	<1	<5	NA	58	<0.05	2.14	0.871 j
28	<1	2.048 j	NA	1660	<0.05	1.65	6.41
736	<1	<5	NA	286	<0.05	8.04	1.15
324	<1	<5	NA	1720	<0.05	3.78	3.9
518	<1	2.164 j	NA	183	<0.05	1.22	2.35
312	<1	4.204 j	NA	1550	<0.05	10.6	11.3
30	<1	<5	NA	2070	<0.05	1.61	6.56
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
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<10	<1	NA	NA	<5	<0.05	<1	<1
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2500	<1	NA	NA	266	<0.05	<1	2.15
1200	<1	NA	NA	137	<0.05	<1	<1
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NA	NA	NA	NA	NA	NA	NA	NA
1020	<1	NA	NA	180	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
262	<1	NA	NA	36	<0.05	<1	<1
61	<1	NA	NA	39	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
37	<1	<5	NA	76	<0.05	<1	<1
87	<1	4.103 j	NA	36	0.019 j	0.208 j	0.902 j
NA	NA	NA	NA	NA	NA	NA	NA

46	<1	11	NA	21	<0.05	0.096 j	1.03
NA	NA	NA	NA	NA	NA	NA	NA
102	<1	2.687 j	NA	49	<0.05	0.171 j	1.19
NA	NA	NA	NA	NA	NA	NA	NA
40	NA	7	NA	63	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
7.184 j	NA	10	NA	22	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA

329	NA	7	NA	417	NA	0.206 j	NA
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NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	6 B2	NA	1.984 j	NA	0.27 j	NA
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12	<1	NA	NA	<5	<0.05	<1	1.02
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<10	<1	NA	NA	<5	<0.05	<1	<1
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	<5	<0.05	<1	<1
<10	<1	1.748 j	NA	<5	<0.05	0.833 j	<1
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<10	<1	2.597 j	NA	<5	<0.05	0.693 j	<1
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<10	<1	<5	NA	<5	0.017 j	0.768 j	0.369 j
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	6	NA	<5	NA	0.79 j	NA
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164	NA	6 B2	NA	1.754 j	NA	0.766 j	NA

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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
13	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
41	<1	<5	NA	<5	<0.05	<1	<1
68	<1	<5	NA	1.89 j	<0.05	0.12 j	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	3.243 j	NA	<5	<0.05	0.585 j	<1
NA	NA	NA	NA	NA	NA	NA	NA
26	<1	<5	NA	112	0.02 j	0.217 j	0.748 j
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
11	NA	11	NA	141	NA	0.114 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
73	NA	7 B2	NA	2.485 j	NA	0.494 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA

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<10	<1	NA	NA	<5	<0.05	4.44	<1
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<10	<1	NA	NA	<5	<0.05	3.61	<1
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<10	<1	NA	NA	27	<0.05	3.29	<1
18	<1	NA	NA	33	<0.05	3.7	<1
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NA	NA	NA	NA	NA	NA	NA	NA
13	<1	<5	NA	38	<0.05	2.46	<1
5.055 j	<1	2.191 j	NA	9	<0.05	3.27	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	3.346 j	NA	<5	<0.05	3.04	<1
NA	NA	NA	NA	NA	NA	NA	NA
3.526 j	<1	<5	NA	75	0.021 j	2.83	0.491 j
NA	NA	NA	NA	NA	NA	NA	NA
7.482 j	NA	10	NA	17	NA	2.39	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	7	NA	2.248 j	NA	2.42	NA
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<10	<1	NA	NA	<5	<0.05	5.67	<1
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<10	<1	NA	NA	<5	<0.05	6.47	<1
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<10	<1	<5	NA	<5	<0.05	5.89	<1
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<10	<1	2.431 j	NA	<5	<0.05	5.53	<1
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<10	<1	2.743 j	NA	<5	<0.05	5.81	<1
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<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
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<10	<1	NA	NA	<5	<0.05	<1	<1
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<10	<1	NA	NA	<5	<0.05	<1	<1
<10	<1	NA	NA	<5	<0.05	<1	<1
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NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	<5	<0.05	<1	<1
<10	<1	<5	NA	<5	<0.05	0.151 j	0.664 j
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	2.038 j	NA	<5	<0.05	0.15 j	0.738 j
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<10	<1	<5	NA	<5	<0.05	0.187 j	0.468 j
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<10	NA	6	NA	<5	NA	0.155 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
442	NA	6 B2	NA	4.14 j	NA	0.12 j	NA
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NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	135	17	<0.2	0.212 j	8.25
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
33	<1	NA	NA	18	<0.05	1.07	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	7	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	6	NA	9	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	2.764 j	NA	7	0.017 j	0.409 j	0.838 j
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	4.348 j	NA	4.666 j	<0.05	0.438 j	1.02
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	5	<0.05	0.444 j	0.513 j
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	11	NA	2.607 j	NA	0.748 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	25	NA	1.918 j	NA	2.72	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
<10	<1	NA	NA	<5	<0.05	<1	<1
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	6	NA	<5	0.05	<1	1.06
52	<1	4.025 j	NA	2.415 j	0.023 j	0.803 j	8.04
NA	NA	NA	NA	NA	NA	NA	NA
3.505 j	<1	7	NA	<5	0.05	0.608 j	0.762 j
17	<1	3.745 j	NA	3.804 j	0.029 j	0.863 j	0.517 j
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	174	NA	<5	NA	3.58	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
5.267 j	NA	46	NA	<5	NA	1.24	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	60	<0.05	3.25	1.12
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	167	<0.05 M2	3.15	<1
NA	NA	NA	NA	NA	NA	NA	NA
56	<1	NA	NA	67	<0.05	3.22	3.66
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	63	<0.05	3.23	1.49
<10	<1	NA	NA	71	<0.05	3.01	1.02
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
12	<1	35	NA	36	<0.05	3.46	1.11
38	<1	33	NA	62	<0.05	3.2	6.28
NA	NA	NA	NA	NA	NA	NA	NA
4.777 j	<1	38	NA	56	<0.05	3.01	1.12
9.155 j	<1	65	NA	160	<0.05	12.6	4.64
<10	<1	61	NA	115	<0.05	12	3.49
<10	<1	55	NA	146	<0.05	11.3	2.47
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	46	NA	175	<0.05	11.4	2.98
<10	NA	53	NA	160	NA	11.2	NA
NA	NA	NA	NA	NA	NA	NA	NA
12	<1	47	74	28	<0.05	10.1	1.26
46	<1	47	70.4	51	<0.05	8.25	1.4
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA

6.513 j	<1	4.21 j	NA	<5	<0.05	0.106 j	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	6	NA	<5	<0.05	0.292 j	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	2.435 j	NA	<5	<0.05	0.107 j	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	7	NA	<5	NA	0.106 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
155	NA	6	NA	<5	NA	0.095 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	1.01
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

<10	<1	NA	NA	<5	<0.05	7.36	2.17
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	1.8	1.24
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	1.42	1.14
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	<5	<0.05	<1	1.21
NA	NA	NA	NA	NA	NA	NA	NA
3.388 j	<1	3.13 j	NA	<5	<0.05	0.76 j	1.14
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	4.725 j	NA	<5	<0.05	0.792 j	1.82
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	2.579 j	NA	<5	<0.05	0.635 j	1.32
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	7	NA	<5	NA	0.747 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	14	NA	1.903 j	NA	1.24	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	2.23
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
366	<1	NA	NA	11	<0.05	1.16	5.37
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	1.37	5.02
<10	<1	NA	NA	<5	<0.05	1.15	4.49
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	<5	<0.05	1.3	5.27
<10	<1	<5	NA	<5	<0.05	1.08	5.09
NA	NA	NA	NA	NA	NA	NA	NA
3.783 j	<1	<5	NA	<5	<0.05	0.825 j	4.68
<10	<1	<5	NA	<5	<0.05	0.804 j	4.24
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	4.59 j	NA	<5	NA	0.728 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
24	NA	3.528 j	NA	<5	NA	0.782 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
23	<1	NA	NA	57	<0.05	<1	1.22
136	<1	NA	NA	140	<0.05	<1	1.5
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
718	<1	<5	NA	129	<0.05	2.56	1.13
798	<1	2.837 j	NA	146	<0.05	3.1	1.27
577	<1	<5	NA	102	<0.05	1.9	1.16
344	<1	<5	NA	72	0.027 j,D2	1.62	0.662 j
461	NA	3.065 j	NA	99	NA	2.99	NA
836	NA	19 B2	NA	123	NA	2.78	NA
<10	<1	NA	NA	52	<0.05	<1	<1
<10	<1	NA	NA	55	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
27	<1	<5	NA	69	<0.05	<1	<1
37	<1	3.535 j	NA	66	<0.05	0.999 j	0.519 j
23	<1	<5	NA	59	<0.05	0.307 j	0.701 j
16	<1	<5	NA	55	<0.05	0.244 j	<1
NA	NA	NA	NA	NA	NA	NA	NA
18	NA	2.554 j	NA	58	NA	0.311 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
77	NA	3.802 j,B2	NA	59	NA	0.255 j	NA
<10	<1	NA	NA	3660	<0.05	2.34	7.31
15	<1	NA	NA	4040	<0.05	1.28	7.54
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
149	<1	<5	NA	2760	<0.05	<1	6.38
105	<1	4.274 j	NA	3200	<0.05	0.659 j	7.38
115	<1	1.812 j	NA	2230	<0.05	0.386 j	8.78
140	<1	<5	NA	2450	0.061 j,D2	0.287 j	6.98
12	NA	3.212 j	NA	2960	NA	0.242 j	NA
129	NA	5 B2	NA	2680	NA	0.301 j	NA
34	<1	NA	NA	129	<0.05	<1	2.82
56	<1	NA	NA	281	<0.05	<1	3.82
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
151	<1	6	NA	806	<0.05	<1	4.1
170	<1	6	NA	965	<0.05	0.837 j	4.6
94	<1	4.446 j	NA	996	<0.05	0.911 j	4.75
105	<1	3.741 j	NA	1160	<0.05	1.02	4.7
84	NA	11	NA	1250	NA	0.996 j	NA
96	NA	8 B2	NA	1140	NA	0.916 j	NA
92200	<1	NA	NA	4860	<0.05	1.7	<1
75400	<1	NA	NA	5880	<0.05	1.7	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
91500	<1	<5	NA	8450	<0.05	1.42	<1
96100	<1	<5	NA	8600	<0.05	1.4	0.335 j
90300	<1	<5	NA	9360	<0.05	1.29	<1
94900	<1	<5	NA	10300	<0.05	1.23	<1
94100	NA	3.906 j	NA	10700	NA	1.19	NA
97400	NA	3.682 j,B2	NA	11500	NA	1.19	NA
11	<1	NA	NA	35	<0.05	2.55	<1
10	<1	NA	NA	34	<0.05	2.68	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
229	<1	7	NA	53	<0.05	2.89	<1
108	<1	6	NA	39	<0.05	3.18	<1

53	<1	6	NA	15	<0.05	3.34	<1
188	<1	6	NA	77	<0.05	3.44	<1
395	NA	7	NA	83	NA	3.21	NA
373	NA	11 B2	NA	81	NA	3.08	NA
365	<1	NA	NA	2190	<0.05	<1	5.64
503	<1	NA	NA	1840	<0.05	<1	5.43
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
30	<1	<5	NA	1170	<0.05	<1	4.63
71	<1	<5	NA	829	<0.05	0.257 j	4.24
235	<1	<5	NA	718	<0.05	0.274 j	2.98
12	<1	<5	NA	308	0.018 j	0.218 j	1.98
137	NA	2.214 j	NA	423	NA	0.146 j	NA
11	NA	4.682 j,B2	NA	469	NA	0.174 j	NA
110	<1	<5	NA	61	<0.05	2.46	0.341 j
199	<1	<5	20.5	68	<0.05	1.92	<1
154	<1	2.778 j	20.5	67	<0.05	1.81	0.709 j
143	<1	3.811 j	20.4	65	<0.05	1.58	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
85	<1	NA	NA	182	<0.05	<1	<1
<10	<1	NA	NA	131	<0.05	<1	<1

<10	<1	NA	NA	73	<0.05	<1	<1
117	1.13	NA	NA	2450	<0.05	1.05	4.66
80	<1	NA	NA	2190	<0.05	<1	9.08
97	<1	NA	NA	2570	<0.05	<1	10.5
41	<1	NA	NA	1060	<0.05	1.14	5.5
92	<1	NA	NA	523	<0.05	<1	5.84
42	<1	NA	NA	459	<0.05	1.05	3.19
38	<1	NA	NA	603	<0.05	<1	3.31
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
141	<1	7	NA	585	<0.05	<1	3.25
58	<1	6	NA	565	<0.05	0.466 j	3.38
12	<1	5	NA	753	<0.05	0.608 j	4.65
80	<1	7	NA	462	<0.05	0.457 j	2.32
197	NA	7	NA	313	NA	0.435 j	NA
347	NA	11	NA	548	NA	0.367 j	NA
1910	<1	3.561 j	NA	1470	<0.05	1.26	0.503 j
1400	<1	1.871 j	36.8	1470	<0.05	1.24	<1
1230	<1	4.042 j	36.1	1450	<0.05	0.959 j	<1
1310	<1	11	37.2	1500	<0.05	0.885 j	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

<10	<1	NA	NA	35	<0.05	<1	1.01
<10	<1	NA	NA	58	<0.05	<1	1.12
<10	<1	NA	NA	27	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
59	<1	23	NA	91	<0.05	<1	3.65
NA	NA	NA	NA	NA	NA	NA	NA
39	<1	4.542 j	NA	62	<0.05	0.779 j	3.63
NA	NA	NA	NA	NA	NA	NA	NA
35	<1	7	NA	68	<0.05	0.624 j	3.66
NA	NA	NA	NA	NA	NA	NA	NA
33	<1	4.03 j	NA	68	<0.05	0.811 j	6.05
NA	NA	NA	NA	NA	NA	NA	NA
84	NA	10	NA	64	NA	0.64 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
164 B2	NA	6	NA	100	NA	0.687 j	NA
2020	<1	NA	NA	822	<0.05	5.32	1.62
NA	NA	NA	NA	NA	NA	NA	NA
3270	<1	NA	NA	1120	<0.05	2.72	1.38
15400	<1	NA	NA	1390	<0.05	2.2	1.17
15300	<1	NA	NA	998	<0.05	2.07	1.4
3950	<1	NA	NA	1040	<0.05	1.87	<1
11800	<1	NA	NA	1230	<0.05	2.24	1.24
17400	<1	NA	NA	1100	<0.05	2.47	<1
2070	<1	NA	NA	906	<0.05	2.53	1.29
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
16600	<1	<5	NA	1160	<0.05	2.51	<1
11900	<1	4.74 j	NA	1090	<0.05	1.56	0.871 j
13700	<1	3.348 j	NA	1270	<0.05	1.14	0.58 j
14700	<1	2.192 j	NA	878	0.017 j	2.25	0.704 j
4660	NA	8	NA	349	NA	2.19	NA
12100	NA	4.505 j	NA	1030	NA	1.56	NA
33	<1	NA	NA	181	<0.05	<1	1.65
NA	NA	NA	NA	NA	NA	NA	NA
47	<1	NA	NA	48	<0.05	<1	1.02

10	<1	NA	NA	35	<0.05	<1	1.17
10	<1	NA	NA	37	<0.05	<1	1.12
24	<1	NA	NA	32	<0.05	<1	1.01
22	<1	NA	NA	30	<0.05	<1	1.19
12	<1	NA	NA	23	<0.05	<1	<1
23	<1	NA	NA	33	<0.05	<1	1.24
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
96	<1	6	NA	62	<0.05	<1	1.51
38	<1	4.052 j	NA	55	<0.05	0.257 j	1.28
3.388 j	<1	1.861 j	NA	36	<0.05	0.241 j	1.19
6.022 j	<1	<5	NA	36	<0.05	0.174 j	1.06
4.556 j	NA	6	NA	35	NA	0.174 j	NA
<10	NA	7 B2	NA	49	NA	0.261 j	NA
<10	<1	NA	NA	<5	<0.05	6.54	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	8.6	<1
<10	<1	NA	NA	7	<0.05	8.58	<1
<10	<1	NA	NA	11	<0.05	8.1	<1
<10	<1	NA	NA	16	<0.05	9.44	1.3
21	<1	NA	NA	27	<0.05	7.73	<1
40	<1	NA	NA	33	<0.05	7.48	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
145	<1	14	NA	44	<0.05	6.46	<1
67	<1	11	NA	32	<0.05	5.5	0.447 j
19	<1	13	NA	12	<0.05	5.58	0.61 j
83	<1	10	NA	71	0.02 j	5.5	0.395 j
121	NA	13	NA	88	NA	5.61	NA
129	NA	13	NA	51	NA	5.28	NA
<10	<1	NA	NA	621	<0.05	17.5	2.56
114	<1	NA	NA	286	<0.05	13.5	1.4
<10	<1	NA	NA	59	<0.05	3.36	<1
NA	NA	NA	NA	NA	NA	NA	NA
166	<1	NA	NA	136	<0.05	6.17	<1
175	<1	NA	NA	101	<0.05	4.58	<1
348	<1	NA	NA	194	<0.05	4.39	<1
370	<1	NA	NA	319	<0.05	1.61	<1
462	<1	NA	NA	328	<0.05	1.2	<1
541	<1	NA	NA	395	<0.05	1.17	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
266	<1	<5	NA	233	<0.05	2.27	<1
311	<1	<5	NA	227	<0.05	1.96	0.441 j
389	<1	2.268 j	NA	278	<0.05	1.84	<1

407	<1	2.616 j	NA	453	<0.05	1.71	<1
638	NA	4.311 j	NA	480	NA	1.61	NA
355	NA	6 B2	NA	432	NA	2.15	NA
31	<1	NA	NA	558	<0.05	62.1	5.56
NA	NA	NA	NA	NA	NA	NA	NA
36	<1	NA	NA	149	<0.05	20.2	2.81
<10	<1	NA	NA	78	<0.05	20.5	2.51
<10	<1	NA	NA	63	<0.05	19.4	1.88
<10	<1	NA	NA	<5	<0.05	7.52	<1
<10	<1	NA	NA	<5	<0.05	5.94	<1
<10	<1	NA	NA	<5	<0.05	5.84	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	5	NA	<5	<0.05	4.38	<1
<10	<1	2.216 j	NA	<5	<0.05	4.23	0.761 j
3.955 j	<1	2.901 j	NA	<5	<0.05	4.11	0.865 j
<10	<1	2.241 j	NA	<5	<0.05	4.54	0.742 j
<10	NA	4.063 j	NA	<5	NA	2.65	NA
509	NA	7 B2	NA	6	NA	2.6	NA
NA	NA	NA	NA	NA	NA	NA	NA
200	<1	NA	NA	67	<0.05	7.08	<1
NA	NA	NA	NA	NA	NA	NA	NA
263	<1	NA	NA	66	<0.05	5.62	<1
398	<1	NA	NA	87	<0.05	2.2	<1
343	<1	NA	NA	94	<0.05	3.38	<1
285	<1	NA	NA	80	<0.05	3.47	<1
313 B2	<1	NA	NA	84	<0.05	2.77	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
426	<1	<5	NA	85	<0.05	2.37	<1
313	NA	2.067 j	NA	82	NA	0.786 j	NA
434 B2	NA	<5	NA	85	NA	0.865 j	NA
10	<1	NA	NA	40	<0.05	2.23	1.19
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	10	<0.05	<1	<1
<10	<1	NA	NA	5	<0.05	<1	<1
<10	<1	NA	NA	5	<0.05	<1	<1
<10	<1	NA	NA	<5	<0.05	<1	<1
<10 B2	<1	NA	NA	<5	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	<5	<0.05	<1	<1
<10	NA	2.379 j	NA	3.643 j	NA	0.286 j	NA
<10	NA	<5	NA	4.353 j	NA	0.275 j	NA
<10	<1	NA	NA	276	<0.05	2.28	4.42

<10	<1	NA	NA	222	<0.05	2.51	<1
70	<1	NA	NA	132	<0.05	1.54	<1
60	<1	NA	NA	125	<0.05	1.43	<1
58	<1	NA	NA	129	<0.05	1.56	<1
56	<1	NA	NA	129	<0.05	1.39	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
97	<1	<5	NA	90	<0.05	1.27	<1
<10	<1	<5	NA	<5	<0.05	1.24	<1
5.005 j	<1	<5	NA	<5	<0.05	1.06	<1
<10	<1	<5	NA	<5	<0.05	1.2	<1
<10	NA	7	NA	10	NA	4.11	NA
25	NA	<5	NA	157	NA	2.38	NA
<10	<1	NA	NA	454	<0.05	3.58	<1
45	<1	NA	NA	548	<0.05	4.11	<1
286	<1	NA	NA	291	<0.05	4.73	<1
1660	<1	NA	NA	715	<0.05	2.89	<1
1180	<1	NA	NA	553	<0.05	2.97	<1
1650	<1	NA	NA	728	<0.05	2.74	1.23
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1490	<1	6	NA	633	<0.05	2.84	4.09
2130	<1	2.084 j	NA	765	<0.05	2.03	0.801 j
177	<1	1.704 j	NA	422	<0.05	2.46	0.974 j
459	<1	2.722 j	NA	232	<0.05	1.98	<1
NA	NA	NA	NA	NA	NA	NA	NA
739	NA	10	NA	826	NA	1.67	NA
NA	NA	NA	NA	NA	NA	NA	NA
1280	NA	4.087 j	NA	828	NA	1.77	NA
<10	<1	NA	NA	340	<0.05	6.51	1.17
NA	NA	NA	NA	NA	NA	NA	NA
41	<1	NA	NA	255	<0.05	5.44	<1
73	<0.1	NA	NA	220	<0.2	4.6	0.92
62	<1	NA	NA	247	<0.05	2.6	<1
77	<1	NA	NA	128	<0.05	1.77	<1
132	<1	NA	NA	139	<0.05	1.74	<1
105	<1	NA	NA	114	<0.05	2	<1
31	<1	NA	NA	108	<0.05	1.52	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
80	<1	<5	NA	118	<0.05	1.27	1.14
39	<1	<5	NA	105	<0.05	0.743 j	0.815 j
61	<1	<5	NA	125	0.02 j	0.704 j	1.13
205	<1	2.168 j	NA	154	<0.05	0.597 j	0.69 j
NA	NA	NA	NA	NA	NA	NA	NA

16	NA	6	NA	134	NA	0.382 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
286	NA	2.338 j	NA	141	NA	0.46 j	NA
772	<1	468	NA	2570	<0.05	1580	14.1
754	<1	415	239	2550	<0.05	1410	15.3
717	<1 D3	NA	NA	2190	<0.1	1700	18.9
873	<1	484	248	2490	<0.05	1540	16
40	<1	23	NA	285	<0.05	258	1.55
20	<1	27	26.2	208	0.027 j	222	6.29
<25	<0.25 D3	NA	NA	118	<0.1	127	<1.2 D3
60	<1	25	12.7	120	<0.05	115	0.767 j
<10	<1	NA	NA	477	<0.05	22.7	<1
NA	NA	NA	NA	NA	NA	NA	NA
13	<1	NA	NA	754	<0.05	23.2	<1
58	<1	NA	NA	651	<0.05	20.4	<1
64	<1	NA	NA	676	<0.05	21.1	<1
65	<1	NA	NA	465	<0.05	17.5	<1
NA	NA	NA	NA	NA	NA	NA	NA
54	<1	NA	NA	353	<0.05	15.9	<1
NA	NA	NA	NA	NA	NA	NA	NA
26	1.33	NA	NA	334	<0.05	14.8	<1
NA	NA	NA	NA	NA	NA	NA	NA
24	<1	NA	NA	400	<0.05	19.3	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
12	<1	NA	NA	303	<0.05	15.5	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	330	<0.05	13.1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
16	<1	7	NA	244	<0.05	11.8	<1
NA	NA	NA	NA	NA	NA	NA	NA
5.806 j	<1	4.062 j	NA	221	<0.05	10.9	0.361 j
NA	NA	NA	NA	NA	NA	NA	NA
16	<1	3.261 j	NA	172	<0.05	11.3	0.361 j
NA	NA	NA	NA	NA	NA	NA	NA
4.854 j	<1	6	NA	136	<0.05	10.2	<1
NA	NA	NA	NA	NA	NA	NA	NA
7.035 j	NA	9	NA	125	NA	10.1	NA
NA	NA	NA	NA	NA	NA	NA	NA
7.215 j	NA	6	NA	81	NA	9.94	NA
56	<1	NA	NA	295	<0.05	1.15	<1

NA	NA	NA	NA	NA	NA	NA	NA
668	<1	NA	NA	325	<0.05	1.01	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	80	<0.05	<1	2.96
NA	NA	NA	NA	NA	NA	NA	NA
11	<1	NA	NA	50	<0.05	8.57	1.93
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
11	<1	NA	NA	53	<0.05	1.34	3.2
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	47	<0.05	3.13	4.92
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	75	<0.05	2.32	2.53
NA	NA	NA	NA	NA	NA	NA	NA
3.783 j	<1	4.386 j	NA	51	<0.05	2.59	3.32
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	11	NA	25	<0.05	3.46	2.11
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	3.048 j	NA	38	<0.05	0.757 j	3.11
NA	NA	NA	NA	NA	NA	NA	NA
7.622 j	NA	16	NA	21	NA	3.13	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	9 B2	NA	24	NA	1.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
156	<1	<5	NA	1310	<0.05	2.12	2.25
NA	NA	NA	NA	NA	NA	NA	NA
72	<1	2.285 j	NA	1180	<0.05	1.71	2.59
NA	NA	NA	NA	NA	NA	NA	NA
34	<1	1.933 j	NA	1270	<0.05	1.38	2.55
NA	NA	NA	NA	NA	NA	NA	NA

38	<1	<5	NA	1390	<0.05	1.19	2.29
NA	NA	NA	NA	NA	NA	NA	NA
21	NA	3.838 j	NA	1000	NA	0.849 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
11	NA	5 B2	NA	736	NA	0.93 j	NA
1630	<1	NA	NA	892	<0.05	2.58	<1
NA	NA	NA	NA	NA	NA	NA	NA
2860	<1	NA	NA	986	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
2370	<1	<5	NA	1150	<0.05	4.3	<1
2680	<1	2.819 j	NA	1160	<0.05	4.27	<1
2380	<1	3.658 j	NA	1120	<0.05	3.89	<1
2480	<1	5	NA	1150	<0.05	4.22	<1
2070	NA	15	NA	1050	NA	2.16	NA
2240	NA	4.475 j	NA	1070	NA	2.61	NA
3580	<1	NA	NA	1040	<0.05	1.22	1.28
4730	<1	NA	NA	1240	<0.05	<1	2.37
6100	<0.1	NA	NA	1300	<0.2	0.67	1.2
4960	<1	NA	NA	879	<0.05	1.01	1.59
3860	<1	NA	NA	607	<0.05	<1	1.58
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1420	<1	NA	NA	304	<0.05	<1	2.03
NA	NA	NA	NA	NA	NA	NA	NA
1220	<1	NA	NA	343	<0.05	<1	2.61
NA	NA	NA	NA	NA	NA	NA	NA
574	<1	NA	NA	206	<0.05	4.02	2.27
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
389	<1	NA	NA	198	<0.05	2.09	2.05
NA	NA	NA	NA	NA	NA	NA	NA
334	<1	NA	NA	181	<0.05	1.26	1.95
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
123	<1	10	NA	125	<0.05	1.25	1.74
NA	NA	NA	NA	NA	NA	NA	NA
75	<1	8	NA	125	<0.05	1.49	1.82
NA	NA	NA	NA	NA	NA	NA	NA
54	<1	9	NA	112	<0.05	1.7	1.77
NA	NA	NA	NA	NA	NA	NA	NA
34	<1	11	NA	96	<0.05	0.723 j	0.888 j

NA	NA	NA	NA	NA	NA	NA	NA
26	NA	16	NA	92	NA	0.861 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
17	NA	10	NA	171	NA	2.41	NA
608	<1	NA	NA	349	<0.05	1.67	<1
1660	<1	NA	NA	357	<0.05	1.8	11.7
1300	<0.1	NA	NA	290	<0.2	1.1	1.5
1200	<1	NA	NA	279	<0.05	1.36	1.28
1000	<1	NA	NA	293	<0.05	1.31	1.87
1020	<1	NA	NA	305	<0.05	1.39	1.71
1250	<1	NA	NA	322	<0.05	1.39	<1
1270	<1	NA	NA	347	<0.05	1.24	2.4
1010	<1	NA	NA	292	<0.05	1.69	1.49
1020 B2	<1	NA	NA	273	<0.05	1.32	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
974	<1	<5	NA	258	<0.05	1.64	<1
1020	<1	5	NA	284	<0.05	1.8	0.635 j
1410	<1	6	NA	359	<0.05	2.77	0.436 j
1400	<1	3.16 j	NA	339	<0.05	3.29	<1
1740	NA	8	NA	388	NA	2.04	NA
1320	NA	8	NA	392	NA	2.32	NA
12	<1	NA	NA	120	<0.05	4.59	<1
13	<1	NA	NA	94	<0.05	2.64	<1
<10	<1	NA	NA	71	<0.05	3.58	<1
108	<1	NA	NA	34	<0.05	6.65	<1
123	<1	NA	NA	33	<0.05	8.64	<1
70	<0.1	NA	NA	24	<0.2	7.5	<0.5
11	<1	NA	NA	8	<0.05	12.3	<1
367	<1	NA	NA	39	<0.05	4.91	<1
NA	NA	NA	NA	NA	NA	NA	NA
466	<1	NA	NA	38	<0.05	9.81	<1
NA	NA	NA	NA	NA	NA	NA	NA
391	<1	NA	NA	26	<0.05	10.2	2.1
NA	NA	NA	NA	NA	NA	NA	NA
376	<1	NA	NA	47	<0.05	13	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
599	<1	NA	NA	40	<0.05	10.9	<1
NA	NA	NA	NA	NA	NA	NA	NA
687	<1	NA	NA	49	<0.05	4.72	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
745	<1	32	NA	62	<0.05	10.4	<1
NA	NA	NA	NA	NA	NA	NA	NA
520	<1	5	NA	33	<0.05	13	0.615 j
NA	NA	NA	NA	NA	NA	NA	NA
604	<1	3.591 j	NA	43	<0.05	6.28	0.354 j
NA	NA	NA	NA	NA	NA	NA	NA
442	<1	26	NA	29	<0.05	18.8	0.942 j
NA	NA	NA	NA	NA	NA	NA	NA
394	NA	23	NA	27	NA	11.7	NA
NA	NA	NA	NA	NA	NA	NA	NA
251	NA	26	NA	26	NA	16.5	NA
<10	<1	NA	NA	266	<0.05	<1	17.9
<10	<1	NA	NA	68	<0.05	<1	15
<50	<0.5	NA	NA	35	<0.2	<2.5	13.7
<10	<1	NA	NA	48	<0.05	<1	14.9
NA	NA	NA	NA	NA	NA	NA	NA
<10	1.53	NA	NA	16	<0.05	<1	10.5
<10	1.08	NA	NA	16	<0.05	<1	10.3
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	12	<0.05	<1	9.47
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	9	<0.05	1.08	10.5
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	6	<0.05	1.31	9.67
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	<5	<0.05	<1	8.97
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
13	<1	<5	NA	<5	<0.05	<1	7.68
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	1.67 j	NA	<5	<0.05	2.85	7.97
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	<5	<0.05	0.175 j	6.93
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	1.919 j	NA	<5	<0.05	0.175 j	6.58
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	9	NA	<5	NA	0.136 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
5.491 j	NA	<5	NA	<5	NA	0.218 j	NA
89	<1	NA	NA	259	<0.05	1.87	1.13

NA	NA	NA	NA	NA	NA	NA	NA
179	<1	NA	NA	215	<0.05	1.36	1.12
<50	<0.1	NA	NA	180	<0.2	1.1	1.3
14	<1	NA	NA	125	<0.05	<1	1.14
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	71	<0.05	2.53	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
137	<1	<5	NA	97	<0.05	1.11	1.77
NA	NA	NA	NA	NA	NA	NA	NA
15	<1	3.495 j	NA	42	<0.05	0.832 j	0.685 j
NA	NA	NA	NA	NA	NA	NA	NA
14	<1	3.5 j	NA	27	<0.05	0.826 j	0.682 j
NA	NA	NA	NA	NA	NA	NA	NA
8.344 j	<1	5	NA	20	<0.05	0.801 j	1.67
NA	NA	NA	NA	NA	NA	NA	NA
8.759001 j	NA	8	NA	16	NA	0.743 j	NA
NA	NA	NA	NA	NA	NA	NA	NA
175	NA	8 B2	NA	53	NA	1.22	NA
36	<1	NA	NA	313	<0.05	1.81	<1
122	<1	NA	NA	310	<0.05	2.94	<1
490	<0.1	NA	NA	320	<0.2	2.4	1.5
574	<1	NA	NA	358	<0.05	2.08	<1
365	<1	NA	NA	341	<0.05	3.36	1.42
NA	NA	NA	NA	NA	NA	NA	NA
382	<1	NA	NA	266	<0.05	2.52	4.26
NA	NA	NA	NA	NA	NA	NA	NA
481	<1	NA	NA	347	<0.05	1.7	1.35
NA	NA	NA	NA	NA	NA	NA	NA
270	<1	NA	NA	285	<0.05	13.9	2.11
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
264	<1	NA	NA	336	<0.05	9.14	<1
NA	NA	NA	NA	NA	NA	NA	NA
288 B3	<1	NA	NA	304	<0.05	5.74	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
258	<1	7	NA	292	<0.05	2.99	<1
NA	NA	NA	NA	NA	NA	NA	NA
296	<1	5	NA	320	<0.05	1.5	<1
NA	NA	NA	NA	NA	NA	NA	NA
156	<1	5	NA	202	<0.05	3.24	<1
NA	NA	NA	NA	NA	NA	NA	NA
231	<1	3.401 j	NA	264	0.019 j	2.09	<1
NA	NA	NA	NA	NA	NA	NA	NA
243	NA	11	NA	225	NA	2.78	NA
NA	NA	NA	NA	NA	NA	NA	NA
251	NA	4.063 j	NA	248	NA	3.28	NA
23	<1	NA	NA	774	<0.05	7.87	<1
NA	NA	NA	NA	NA	NA	NA	NA
291	<1	NA	NA	525	<0.05	9.97	<1
760	<0.5	NA	NA	670	<0.2	7.4	<2.5
1060	<1	NA	NA	875	<0.05	3.73	<1
990	<1	NA	NA	822	<0.05	2.88	<1
NA	NA	NA	NA	NA	NA	NA	NA
799	<1	NA	NA	756	<0.05	3.1	<1
NA	NA	NA	NA	NA	NA	NA	NA
678	<1	NA	NA	658	<0.05	4.65	<1
NA	NA	NA	NA	NA	NA	NA	NA
1770	<1	NA	NA	910	<0.05	2.78	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1260	<1	NA	NA	876	<0.05	4.71	<1
NA	NA	NA	NA	NA	NA	NA	NA
1250	<1	NA	NA	936	<0.05	4.17	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1620	<1	12	NA	856	<0.05	3.53	<1
NA	NA	NA	NA	NA	NA	NA	NA
1520	<1	20	NA	710	<0.05	3.99	0.413 j
NA	NA	NA	NA	NA	NA	NA	NA
1190	<1	12	NA	820	<0.05	2.77	<1
NA	NA	NA	NA	NA	NA	NA	NA
1060	<1	27	NA	875	<0.05	3.64	<1
NA	NA	NA	NA	NA	NA	NA	NA
492	NA	36	NA	621	NA	2.86	NA

NA	NA	NA	NA	NA	NA	NA	NA
19	NA	107	NA	199	NA	4.78	NA
<10	<1	NA	NA	<5	<0.05	41.4	<1
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	NA	NA	109	<0.05	16.1	<1
<50	<0.1	NA	NA	840	<0.2	5.7	1.3
262	<1	NA	NA	955	<0.05	6.21	<1
NA	NA	NA	NA	NA	NA	NA	NA
232	<1	NA	NA	910	<0.05	8.05	1.31
347	<1	NA	NA	836	<0.05	5.24	1.06
NA	NA	NA	NA	NA	NA	NA	NA
228	<1	NA	NA	701	<0.05	6.18	1.75
NA	NA	NA	NA	NA	NA	NA	NA
241	<1	NA	NA	701	<0.05	9.26	1.5
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
136	<1	NA	NA	405	<0.05	12.2	<1
NA	NA	NA	NA	NA	NA	NA	NA
154	<1	NA	NA	259	<0.05	3.14	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
135	<1	17	NA	99	<0.05	2.87	<1
NA	NA	NA	NA	NA	NA	NA	NA
72	<1	13	NA	24	<0.05	3.06	0.757 j
NA	NA	NA	NA	NA	NA	NA	NA
131	<1	5	NA	75	0.027 j	1.37	1.73
NA	NA	NA	NA	NA	NA	NA	NA
70	<1	14	NA	91	<0.05	4.29	3.68
NA	NA	NA	NA	NA	NA	NA	NA
43	NA	11	NA	20	NA	1.71	NA
NA	NA	NA	NA	NA	NA	NA	NA
45	NA	7	NA	21	NA	2.94	NA
3020	<1	NA	NA	1050	<0.05	5.06	<1
4790	<1	NA	NA	1020	<0.05	5.18	<1
5140	<1	NA	NA	916	<0.05	6.94	<1
5470	<1	NA	NA	1040	<0.05	8.24	<1
5260	<1	NA	NA	1090	<0.05	8.35	<1
4410	<1	NA	NA	1080	<0.05	7.33	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
4350	<1	6	NA	1480	<0.05	2.86	<1
3890	<1	4.696 j	NA	1300	<0.05	2.8	<1

3780	<1	6	NA	1360	<0.05	4.54	<1
3920	<1	7	NA	1450	<0.05	3.84	<1
4210	NA	13	NA	1440	NA	3.83	NA
3300	NA	7	NA	1570	NA	3.06	NA
256	<1	11	NA	1820	<0.05	1.8	1.22
92	<1	6	114	1880	<0.05	1.97	1.15
68	<1	9	115	1930	<0.05	1.78	1.46
87	<1	8	126	2070	<0.05	1.55	1.62
4050	<1	13	NA	1730	<0.05	2.77	0.813 j
3380	<1	6	163	1810	<0.05	1.92	2.7
2750	<1	9	160	1900	<0.05	1.18	0.801 j
2640	<1	9	162	1720	<0.05	1.27	1.02
2510	<1	13	NA	3130	<0.05	2	3.17
5060	<1	8	251	2890	<0.05	1.87	2.25
3440	<1	14	262	3000	<0.05	0.612 j	2.07
3010	<1	10	253	2620	<0.05	0.384 j	1.47
591	<1	2.31 j	NA	370	<0.05	3.16	0.747 j
837	<1	<5	38.7	393	<0.05	2.87	3.45
636	<1	1.741 j	NA	372	<0.05	1.56	<1
607	<1	1.741 j	40.5	389	<0.05	1.09	<1
172	<1	19	NA	546	<0.05	2.44	<1
262	<1	9	85.8	786	<0.05	2.24	<1
281	<1	11	NA	791	<0.05	1.29	<1
281	<1	11	104	910	<0.05	0.862 j	0.669 j
122	<1	11	NA	788	<0.05	4.07	<1
424	<1	10	74	890	<0.05	0.966 j	<1
128	<1	9	NA	795	<0.05	1.07	<1
85	<1	12	76.2	882	<0.05	0.155 j	0.404 j
<10	<1	NA	NA	285	<0.05	1.65	<1
88	<1	NA	NA	298	<0.05	1.31	<1
71	<1	NA	NA	298	<0.05	1.32	<1
73	<1	NA	NA	313	<0.05	1.4	<1
73	<1	NA	NA	346	<0.05	1.51	<1
65	<1	NA	NA	355	<0.05	1.32	<1
99 B3	<1	NA	NA	343	<0.05	1.18	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
79	<1	<5	NA	367	<0.05	1.14	<1
80	<1	6	NA	370	<0.05	1	<1
91	<1	8	NA	436	<0.05	1.01	<1
66	<1	6	NA	410	<0.05	1.1	<1
NA	NA	NA	NA	NA	NA	NA	NA
65	NA	8	NA	423	NA	1.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
66	NA	8	NA	416	NA	1.13	NA

<10	<1	NA	NA	<5	<0.05	5.84	<1
<10	1.81	NA	NA	<5	<0.05	6.2	<1
5.675 j	<1	12	NA	94	<0.05	5.93	<1
4.596 j	<1	10	NA	88	<0.0625	8.68	0.384 j
38	0.943 j	13	NA	135	<0.05	18.5	<1
155	<1	10	NA	159	<0.05	29	0.608 j
310	NA	17	NA	206	NA	37.1	NA
423	<1	22	17.6	202	<0.05	46.1	0.43 j
447	NA	39	NA	196	NA	54.5	NA
<10	<1	NA	NA	1910	<0.05	7.34	2.6
<10	<1	NA	NA	1820	<0.05	7.68	3.05
63	<1	NA	NA	1930	<0.05	8.86	2.01
374	<1	NA	NA	2230	<0.05	9.24	1.77
1090	<1	NA	NA	2430	<0.05	9.09	1.12
391	<1	NA	NA	1760	<0.05	7.97	1.98
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	7	NA	1080	<0.05	6.51	2.84
51	<1	5	NA	492	<0.05	4.1	2.31
128	<1	6	NA	457	<0.05	3.77	2.29
17	<1	3.755 j	NA	314	0.064 j,D2	2.31	1.69
<10	NA	8	NA	350	NA	2.92	NA
8.544 j	NA	8 B2	NA	402	NA	3.18	NA
<10	<1	NA	NA	<5	<0.05	8.94	<1
<10	<1	NA	NA	1180	<0.05	<1	2
<10	<1	NA	NA	1740	<0.05	<1	1.61
643	<1	NA	NA	3770	<0.05	<1	2.59
<10	<1	NA	NA	3500	<0.05	<1	2.51
16	<1	NA	NA	2130	<0.05	<1	1.95
21	<1	NA	NA	2060	<0.05	<1	2.1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
144	<1	6	NA	2560	<0.05	<1	2.58
<10	<1	4.305 j	NA	1080	<0.05	0.523 j	1.79
3.395 j	<1	5	NA	1620	<0.05	0.39 j	2.27
4.843 j	<1	6	NA	1020	<0.05	0.377 j	1.72
<10	NA	9	NA	894	NA	0.201 j	NA
23	NA	10 B2	NA	1550	NA	0.296 j	NA
18	1.02	NA	NA	309	<0.05	2.47	<1
<10	<1	NA	NA	<5	<0.05	4.19	<1
<10	<1	NA	NA	<5	<0.05	3.73	<1
<10	<1	NA	NA	<5	<0.05	2.9	<1
46	<1	NA	NA	58	<0.05	3.1	<1
111	<1	NA	NA	68	<0.05	3.09	<1
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
46	<1	14	NA	28	<0.05	2.37	<1
53	<1	14	NA	30	<0.05	2.44	<1
52	<1	15	NA	26	<0.05	2.15	<1
43	<1	12	NA	24	0.028 j	2.1	<1
NA	NA	NA	NA	NA	NA	NA	NA
32	NA	19	NA	26	NA	2	NA
NA	NA	NA	NA	NA	NA	NA	NA
<10	NA	15	NA	23	NA	2	NA
330	<1	NA	NA	65	<0.05	1.7	3.68
65	<1	NA	NA	61	<0.05	1.97	<1
190	<1	NA	NA	110	<0.05	2.44	<1
176	<1	NA	NA	96	<0.05	2.11	<1
180	<1	NA	NA	84	<0.05	1.89	<1
215	<1	NA	NA	97	<0.05	3.38	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
251	<1	8	NA	99	<0.05	5.32	<1
255	<1	4.106 j	NA	104	<0.05	5.8	0.417 j
184	<1	3.455 j	NA	93	<0.05	6.86	0.735 j
322	<1	2.504 j	NA	106	<0.05	7.07	<1
368	NA	3.666 j	NA	122	NA	10.8	NA
401	NA	2.091 j	NA	133	NA	13.3	NA
405	<1	NA	NA	548	<0.05	<1	<1
550	<1	NA	NA	560	<0.05	<1	<1
835	<1	NA	NA	569	<0.05	<1	<1
982	<1	NA	NA	604	<0.05	<1	<1
1140	<1	NA	NA	586	<0.05	1.45	<1
1040	<1	NA	NA	561	<0.05	1.18	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1580	<1	7	NA	574	<0.05	3.1	<1
1310	<1	7	NA	549	<0.05	1.96	0.551 j
1570	<1	8	NA	577	<0.05	2.91	0.525 j
1390	<1	5	NA	531	0.022 j	3.07	0.365 j
280	<1	NA	NA	584	<0.05	4.27	<1
408	<1	NA	NA	594	<0.05	5.59	<1
811	<1	NA	NA	595	<0.05	6.5	<1
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1450	<1	<5	NA	521	<0.05	10.7	0.394 j

1250	<1	<5	NA	585	0.017 j	9.16	0.689 j
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1420	NA	<5	NA	537	NA	14	NA
23	<1	NA	NA	265	<0.05	1.3	<1
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479	<1	3.79 j	NA	271	<0.05	1.46	0.412 j
392	<1	2.322 j	NA	255	<0.05	1.42	<1
401	<1	2.957 j	NA	281	<0.05	1.13	<1
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302	<1	<5	NA	184	<0.05	6.94	0.396 j
196	<1	3.509 j	NA	197	<0.05	7.63	1.34
82	<1	<5	NA	215	<0.05	1.88	<1
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297	<1	2.282 j	NA	73	<0.05	2.15	<1
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2010	<1	3.753 j	NA	1060	<0.05	4.18	0.391 j
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2020	<1	2.722 j	NA	1100	<0.05	4.65	0.378 j
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126	<1	<5	107	72	<0.05	1.2	0.92 j
265	<1	3.843 j	99.5	84	<0.05	1.11	0.523 j
181	<1	6	106	69	<0.05	0.903 j	0.504 j
13	<1	<5	NA	10	<0.05	0.507 j	0.683 j
3.354 j	<1	<5	110	18	<0.05	0.602 j	0.75 j
11	<1	2.939 j	103	4.582 j	<0.05	0.565 j	0.514 j
483	<1	4.956 j	109	34	<0.05	0.48 j	0.534 j

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254	<1	7	46.1	107	<0.05	5.02	1.4
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74	<1	4.847 j	135	69	<0.05	1.33	1.43
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<10 B3	<1	NA	NA	<5	<0.05	<1	<1
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14	<1	<5	NA	<5	<0.05	<1	<1
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8.908 j	<1	<5	NA	<5	<0.05	<1	<1
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3.567 j	<1	NA	NA	<5	NA	<1	<1
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NA	<0.2	NA	NA	NA	NA	NA	<1
5.615 j	<1	<5	NA	<5	<0.05	<1	<1
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<10	<1	<5	NA	<5	0.044 j,D2	<1	<1

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7.696 j	<1	NA	NA	<5	NA	<1	<1
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8 j	NA	<5	NA	<5	NA	<1	NA
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<10	NA	2.351 j	NA	<5	NA	<1	NA
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NA	<0.2	NA	NA	NA	NA	NA	<1
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
<10	<1	<5	NA	<5	<0.05	1.21	4.89
550	<1	<5	NA	98	<0.05	1.9	1.14
335	<1	<5	NA	71	<0.05	1.7	<1
456	NA	3.246 j	NA	97	NA	2.91	NA
37	<1	NA	NA	276	<0.05	<1	3.84
NA	NA	NA	NA	NA	NA	NA	NA
103	<1	3.482 j	NA	1160	<0.05	0.914 j	4.9
90100	<1	<5	NA	8420	<0.05	1.44	<1
97100	NA	3.248 j,B2	NA	11600	NA	1.29	NA
365	<1	NA	NA	2180	<0.05	<1	5.66
32	<1	NA	NA	171	<0.05	<1	1.49
234	<1	NA	NA	66	<0.05	5.68	<1
378	<1	NA	NA	83	<0.05	2.26	<1
62	<1	NA	NA	247	<0.05	2.53	<1
55	<1	NA	NA	640	<0.05	20	<1
2110	NA	7	NA	1070	NA	2.2	NA
3020	<1	NA	NA	886	<0.05	1.14	1.34
4810	<1	NA	NA	874	<0.05	<1	1.47
NA	NA	NA	NA	NA	NA	NA	NA
1420	<1	NA	NA	301	<0.05	<1	2.22
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
715	<1	NA	NA	351	<0.05	13.5	1.61
<10	<1	NA	NA	6	<0.05	1.25	9.99
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1010	<1	NA	NA	821	<0.05	2.78	<1
NA	NA	NA	NA	NA	NA	NA	NA
4870	<1	NA	NA	1080	<0.05	8.34	<1
4370	<1	NA	NA	1070	<0.05	7.34	<1
253	<1	11	NA	1800	<0.05	1.88	1.28
2840	<1	8	167	1970	<0.05	1.17	0.871 j
4960	<1	8	251	2910	<0.05	1.73	2.31
71	<1	NA	NA	300	<0.05	1.39	<1
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
75	<1	<5	NA	355	<0.05	1.16	<1

78	<1	6	NA	372	<0.05	1.08	<1
68	NA	8	NA	428	NA	1.18	NA
62	<1	3.52 j	NA	1020	<0.05	0.473 j	1.75
566	<1	NA	NA	563	<0.05	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA
1340	<1	7	NA	557	<0.05	2.18	0.568 j
1250	<1	<5	NA	576	0.02 j	8.99	0.642 j
2060	<1	2.967 j	NA	1110	<0.05	4.6	0.43 j
2010	<1	3.028 j	NA	1090	<0.05	4.68	0.412 j
<10	<1	NA	NA	556	<0.05	1.41	1.54
<10	<1	NA	NA	464	<0.05	1.04	<1
<10	<1	8	NA	356	<0.05	0.706 j	0.381 j
<10	<1	7	NA	370	<0.05	0.695 j	0.393 j
762	NA	9	NA	203	NA	1.53	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	<0.0005	NA	NA
NA	NA	NA	NA	NA	<0.0005 H1	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

INORGANIC PARAMETERS (DISSOLVED CONCENTRATION WITH FILTER SIZE)								
mg/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
NE	NE	NE	NE	NE	NE	NE	NE	NE
NE	NE	NE	NE	NE	NE	NE	NE	NE
NE	NE	NE	NE	NE	NE	NE	NE	NE

INORGANIC PARAMETERS (DISSOLVED CONCENTRATION WITH FILTER SIZE)								
Phosphorus (0.45u)	Potassium (0.45u)	Selenium (0.45u)	Silver (0.45u)	Sodium (0.45u)	Strontium (0.45u)	Thallium (0.45u)	Vanadium (0.45u)	Zinc (0.45u)
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	8.19	NA	NA	2410	<0.2	103	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	7.07	NA	NA	2250	<0.2	14.4	<5
NA	NA	7.31	NA	NA	2220	<0.2	7.63	<5
NA	NA	7.53	NA	NA	2120	<0.2	5.68	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	6.94 B2	NA	NA	1980	<0.2	2.06	<5
NA	NA	5.48	NA	NA	2020	<0.2 B2	1.58	<5
NA	NA	5.88	NA	NA	1940	<0.2	1.62	<5
NA	NA	7.06	NA	NA	2050	<0.2 B3	2.24	6
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.059	NA	5.8	NA	NA	2090	<0.2	1.51	<5
<0.05	NA	5.22	NA	NA	2070	<0.2	1.94	<5
<0.05	NA	5.32	NA	NA	2070	<0.2	1.82	2.111 j
<0.05	NA	5.5	NA	NA	2030	<0.2	1.62	<5
NA	NA	4.41	NA	NA	1980	NA	1.33	NA
NA	NA	5	NA	NA	1850	NA	1.36	NA
NA	NA	<1	NA	NA	170	<0.2	<0.3	6
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	167	<0.2	<0.3	<5
NA	NA	<1	NA	NA	178	<0.2	<0.3	<5
NA	NA	<1	NA	NA	171	<0.2	<0.3	28
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1 B2	NA	NA	182	<0.2	<0.3	6
NA	NA	<1	NA	NA	182	<0.2	<0.3	<5
NA	NA	<1	NA	NA	181	<0.2	<0.3	<5
NA	NA	<1	NA	NA	182	<0.2 B3	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	178	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	158	<0.2	<0.3	2.178 j
<0.05	NA	<1	NA	NA	178	<0.2	0.108 j	<5
<0.05	NA	<1	NA	NA	176	<0.2	0.245 j	<5
NA	NA	<1	NA	NA	175	NA	<0.3	NA
NA	NA	<1	NA	NA	176	NA	<0.3	NA
NA	NA	3.99	NA	NA	2070	<0.2	56	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4.65	NA	NA	2220	<0.2	31.6	<5
NA	NA	4.04	NA	NA	2170	<0.2	11.3	<5
NA	NA	3.32	NA	NA	1920	<0.2	2.76	<5
NA	NA	1.68 B2	NA	NA	1350	<0.2	1.11	6
NA	NA	<1	NA	NA	1280	<0.2 B2	2	<5
NA	NA	1.3	NA	NA	1170	<0.2	1.34	<5
NA	NA	<1	NA	NA	1060	<0.2 B3	2.97	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.085	NA	<1	NA	NA	880	<0.2	0.98	<5
0.091	NA	1.07	NA	NA	809	<0.2	0.795	<5
0.08	NA	1.56	NA	NA	1360	<0.2	0.989	<5
0.11	NA	1.16	NA	NA	1130	<0.2	1.14	<5
NA	NA	0.401 j	NA	NA	632	NA	2.16	NA
NA	NA	0.706 j	NA	NA	748	NA	0.815	NA
NA	NA	<1	NA	NA	487	<0.2	2.02	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	2060	0.482	1.94	<5
NA	NA	<2.5	NA	NA	910	<0.5	<5	<10
NA	NA	<1	NA	NA	823	<0.2	0.35	<5
NA	NA	<1 B2	NA	NA	591	<0.2	0.342	<5
NA	NA	<1	NA	NA	551	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	548	<0.2	0.304	<5
NA	NA	<1	NA	NA	545	<0.2 B3	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	549	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	436	<0.2	0.199 j	<5
<0.05	NA	<1	NA	NA	475	<0.2	0.247 j	<5
<0.05	NA	<1	NA	NA	474	<0.2	0.229 j	<5
NA	NA	<1	NA	NA	525	NA	<0.3	NA
NA	NA	<1	NA	NA	484	NA	0.195 j	NA
NA	NA	1.01	NA	NA	781	0.481	13.2	534
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	2720	<0.2	0.494	67
NA	NA	<1 B2	NA	NA	1340	1.63	3.69	682

NA	NA	<1	NA	NA	1030	1.37 B2	3.06	303
NA	NA	<1	NA	NA	1130	1.18	4.3	372
NA	NA	<1	NA	NA	1320	0.717 B3	3.85	359
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	7.14	NA	NA	1460	3.58	2.09	750
<0.05	NA	1.3	NA	NA	768	1.64	3.18	458
<0.05	NA	0.896 j	NA	NA	765	2.07	4.36	482
<0.05	NA	0.57 j	NA	NA	899	2.78	1.74	395
NA	NA	<1	NA	NA	604	NA	1.1	NA
NA	NA	0.396 j	NA	NA	1610	NA	0.316	NA
NA	NA	<1	NA	NA	2120	<0.2	1.36	119
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	2040	<0.2	2.24	416
NA	NA	<1 B2	NA	NA	1810	<0.2	2.36	103
NA	NA	<1	NA	NA	1880	<0.2 B2	2.26	145
NA	NA	<1	NA	NA	1830	<0.2 B3	2.18	131
NA	NA	<1	NA	NA	1930	<0.2 B3	2.39	101
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	1900	<0.2	2.25	141
<0.05	NA	<1	NA	NA	1720	0.084 j	1.91	105
<0.05	NA	<1	NA	NA	1780	0.352	2.51	73
<0.05	NA	<1	NA	NA	1620	<0.2	2.15	114
NA	NA	<1	NA	NA	1570	NA	1.78	NA
NA	NA	<1	NA	NA	1870	NA	1.73	NA
NA	NA	<1	NA	NA	742	<0.2	<0.3	<5
NA	NA	<1	NA	NA	698	<0.2	<0.3	<5
NA	NA	<1 B2	NA	NA	712	<0.2	<0.3	<5
NA	NA	<1	NA	NA	743	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	814	<0.2	<0.3	<5
NA	NA	<1	NA	NA	810	<0.2 B3	<0.3	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	836	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	853	0.111 j	<0.3	<5
<0.05	NA	<1	NA	NA	839	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	807	<0.2	0.245 j	3.505 j
NA	NA	<1	NA	NA	787	NA	<0.3	NA
NA	NA	<1	NA	NA	744	NA	<0.3	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	10300	<0.2	0.315	6
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.34	NA	NA	9910	<0.2	0.91	23
NA	NA	1.69	NA	NA	9840	<0.2	0.809	<5

NA	NA	<1	NA	NA	9340	<0.2	0.94	<5
NA	NA	<1	NA	NA	9160	<0.2	0.967	<5
NA	NA	<1	NA	NA	8990	<0.2	0.852	12
NA	NA	<1	NA	NA	8830	<0.2 B3, M2	1.25	<5
NA	NA	<1	NA	NA	9290	<0.2 B3	1.23	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.085	NA	<1	NA	NA	8950	<0.2	1.25	<5
0.057	NA	<1	NA	NA	9560	0.088 j	1.26	<5
<0.05	NA	<1	NA	NA	8470	0.225	1.27	5
NA	NA	<1	NA	NA	188	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	192	<0.2	<0.3	<5
NA	NA	<1	NA	NA	192	<0.2	<0.3	6
NA	NA	<1	NA	NA	178	<0.2	<0.3	25
NA	NA	<1	NA	NA	171	<0.2	<0.3	<5
NA	NA	<1	NA	NA	175	<0.2	<0.3	<5
NA	NA	<1	NA	NA	171	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	180	<0.2 B3	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	183	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	177	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	183	<0.2	0.132 j	2.107 j
NA	NA	<1	NA	NA	4790	<0.2	1.92	6
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	4010	<0.2	<0.3	<5
NA	NA	<1	NA	NA	3460	<0.2	<0.3	<5
NA	NA	<1	NA	NA	4220	<0.2	<0.3	<5
NA	NA	<1	NA	NA	4600	<0.2	<0.3	<5
NA	NA	<1	NA	NA	4430	<0.2 M2	<0.3	<5
NA	NA	<1	NA	NA	4330	<0.2 B3	0.356	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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<0.05	NA	<1	NA	NA	4400	<0.2	0.452	<5
<0.05	NA	<1	NA	NA	4160	<0.2	0.962	<5
<0.05	NA	<1	NA	NA	5120	<0.2	1.18	1.674 j
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NA	NA	<1	NA	NA	420	<0.2	<0.3	<5

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NA	NA	<1	NA	NA	392	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	420	<0.2 B3	0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.32	NA	<1	NA	NA	411	<0.2	<0.3	<5
0.43	NA	<1	NA	NA	457	<0.2	0.343	2.872 j
0.4	NA	<1	NA	NA	487	<0.2	0.343	<5
0.39	NA	<1	NA	NA	513	<0.2	0.544	<5
NA	NA	<1	NA	NA	554	NA	0.334	NA
NA	NA	<1	NA	NA	590	NA	0.216 j	NA
NA	NA	1.33	NA	NA	12900	<0.2	7.35	5
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0.093	NA	0.6 j	NA	NA	11700	<0.2	0.933	2.733 j
0.08	NA	0.486 j	NA	NA	10400	<0.2	1.19	<5
0.095	NA	0.407 j	NA	NA	9900	<0.2	1.39	<5
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NA	NA	<1	NA	NA	244	<0.2 B3	<0.3	<5
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<0.05	0.911	<1	<0.3	43.3	649	<0.2	0.2 j	9 B2,B4
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0.14	NA	<1	NA	NA	455	<0.2	16.8	<5
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0.057	NA	0.376 j	NA	NA	189	<0.2	2.19	5
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<0.05	3.93	<1	<0.3	17.5	170	<0.2	1.36	13 B2
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NA	NA	<1	NA	NA	255	NA	2.99	NA

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0.089	NA	<1	NA	NA	1340	0.104 j	4.68	2.793 j
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0.063	NA	<1	NA	NA	832	<0.2	1.68	1.778 j
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<0.05	NA	0.605 j	NA	NA	2860	<0.2	1.94	1.709 j
<0.05	NA	<1	NA	NA	5380	<0.2	0.607	9
<0.05	NA	<1	NA	NA	4120	<0.2	1.4	3.622 j
<0.05	NA	<1	NA	NA	3160	<0.2	1.4	6
<0.05	NA	<1	NA	NA	675	<0.2	0.653	12
<0.05	NA	<1	NA	NA	433	<0.2	4.12	<5
<0.05	NA	16.5	NA	NA	752	<0.2	4.9	2.471 j
<0.05	NA	<1	NA	NA	385	<0.2	2.69	<5
<0.05	NA	<1	NA	NA	321	<0.2	4.36	2.28 j
<0.05	NA	<1	NA	NA	450	<0.2	0.896	<5
<0.05	NA	<1	NA	NA	917	0.096 j	1.27	<5
0.059	NA	<1	NA	NA	479	<0.2	6.8	<5
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NA	NA	6.25	NA	NA	257	<0.2	22.3	<5
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NA	NA	<1	NA	NA	272	<0.2	16.7	10
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NA	NA	1.68	NA	NA	347	<0.2 B3	19.8	<5
NA	NA	1.11	NA	NA	360	<0.2	15.9	<5
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0.24	NA	<1	NA	NA	389	<0.2	14.3	<5
0.3	NA	0.512 j	NA	NA	409	0.086 j	19.8	3.717 j
NA	NA	NA	NA	NA	NA	NA	NA	NA

0.29	NA	0.433 j	NA	NA	443	<0.2	19.9	5
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0.31	NA	0.42 j	NA	NA	472	<0.2	20.9	<5
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NA	NA	<1	NA	NA	513	NA	17.6	NA
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NA	NA	<1	NA	NA	519	NA	29.5	NA
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NA	NA	<1	NA	NA	326	<0.2	38.8	<5
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NA	NA	<1	NA	NA	333	<0.2	36.9	<5
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NA	NA	<1	NA	NA	325	<0.2 B3	35.2	<5
NA	NA	<1	NA	NA	346	<0.2	35	<5
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0.15	NA	<1	NA	NA	364	<0.2	30.8	<5
0.13	NA	<1	NA	NA	369	0.132 j	18.5	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.14	NA	<1	NA	NA	383	<0.2	28.2	1.757 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.16	NA	<1	NA	NA	366	<0.2	30	2.032 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	<1	NA	NA	433	NA	19.7	NA
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NA	NA	<1	NA	NA	416	NA	34.3	NA
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NA	NA	<1	NA	NA	309	<0.2	12.2	<5
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NA	NA	<1	NA	NA	304	<0.2 B3	13	<5
NA	NA	<1	NA	NA	317	<0.2	13.3	6
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0.054	NA	<1	NA	NA	321	<0.2	12.7	<5
0.058	NA	<1	NA	NA	333	0.102 j	13.3	<5
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0.058	NA	<1	NA	NA	318	<0.2	12.4	<5
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0.068	NA	<1	NA	NA	313	<0.2	13	<5
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NA	NA	<1	NA	NA	480	<0.2	3.32	<5
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NA	NA	<1	NA	NA	452	<0.2	2.94	<5
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NA	NA	<1	NA	NA	197	<0.2	1.19	<5
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NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	299	<0.2	1.83	<5
<0.05	NA	<1	NA	NA	115	<0.2	1.22	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.063	NA	0.389 j	NA	NA	465	<0.2	3.7	13
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<0.05	NA	<1	NA	NA	160	<0.2	1.68	<5
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NA	NA	<1	NA	NA	278	NA	1.19	NA
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NA	NA	<1	NA	NA	259	<0.2	2.83	<5
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NA	NA	<1	NA	NA	256	<0.2	3.5	<5
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NA	NA	<1	NA	NA	260	<0.2	2.25	<5
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<0.05	NA	<1	NA	NA	244	<0.2	2.22	<5
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	277	NA	1.68	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	282	NA	1.87	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	193	<0.2	2.24	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	192	<0.2	1.86	<5
NA	NA	<1	NA	NA	185	<0.2	1.86	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	180	<0.2	1.96	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	183	<0.2 B3	2.07	<5
NA	NA	<1	NA	NA	184	<0.2	2.14	8
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	188	<0.2	1.94	<5
<0.05	NA	0.493 j	NA	NA	183	<0.2	2.03	1.88 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	0.455 j	NA	NA	187	<0.2	2.18	1.824 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.053	NA	0.469 j	NA	NA	180	<0.2	2.28	3.057 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.38 j	NA	NA	191	NA	2.03	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.361 j	NA	NA	186	NA	2.18	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	281	<0.2	17.4	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	289	<0.2 B2	27.5	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	300	<0.2 B3	26.4	<5
NA	NA	<1	NA	NA	301	<0.2	27	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.26	NA	<1	NA	NA	329	<0.2	24.3	<5
0.28	NA	<1	NA	NA	279	<0.2	26.8	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.28	NA	<1	NA	NA	308	<0.2	25.8	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.32	NA	<1	NA	NA	284	<0.2	32.2	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	236	NA	26.3	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	323	NA	22	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	3.78	2.8	<0.3	49.7	1050	<0.2	9.44	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	68.9	NA	NA	1020	<0.2	3.76	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	76.8	NA	NA	1020	<0.2	4.19	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	73.2	NA	NA	1030	<0.2	4.26	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.14	NA	63.8	NA	NA	989	<0.2	3.99	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.15	NA	61.8	NA	NA	945	<0.2	3.84	2.383 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.15	NA	59.6	NA	NA	1040	<0.2	4.11	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.15	NA	58.2	NA	NA	1080	<0.2	3.9	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	47.9	NA	NA	1140	NA	3.57	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	45	NA	NA	1300	NA	3.84	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	442	<0.2	6.4	<5
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	11	NA	NA	626	<0.2	6.51	<5
NA	NA	8.15	NA	NA	588	<0.2 B3	6.48	7
NA	NA	7.48	NA	NA	562	<0.2	6.52	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.11	NA	5.96	NA	NA	672	<0.2	6.81	<5
0.16	NA	12.5	NA	NA	584	0.089 j	6.5	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.13	NA	13.8	NA	NA	691	<0.2	7.11	3.004 j
0.16	NA	17.2	NA	NA	637	<0.2	6.99	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	13.1	NA	NA	1460	NA	5.22	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	13.6	NA	NA	1160	NA	5.69	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	1310	<0.2	1.62	108
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	1210	<0.2	1.92	8
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	989	<0.2	1.75	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	992	<0.2 B3	1.61	<5
NA	NA	<1	NA	NA	983	<0.2	1.6	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	914	<0.2	1.5	<5
<0.05	NA	<1	NA	NA	910	<0.2	1.58	4.523 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	932	<0.2	1.52	3.622 j
<0.05	NA	0.408 j	NA	NA	952	0.085 j	2.49	31
0.099	NA	<1	NA	NA	887	<0.2	2.58	21
0.055	NA	<1	NA	NA	944	<0.2	2.22	25
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	879	<0.2	2.14	24
NA	NA	<1	NA	NA	888	NA	2.07	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	10.4	<1	<0.3	77.6	818	<0.2	2.62	23 B2
<0.05	10.2	<1	<0.3	74.4	803	<0.2	2.24	11
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	120	<0.2	3.46	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	96	<0.2	3.41	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	86	<0.2	3.66	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	86	<0.2	3.66	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.39	NA	<1	NA	NA	67	<0.2	3.72	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA

0.4	NA	<1	NA	NA	89	<0.2	3.42	2.304 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.37	NA	<1	NA	NA	131	<0.2	3.49	2.67 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.41 M1	NA	<1	NA	NA	69	<0.2	3.91	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	113	NA	3.42	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	91	NA	3.59	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	110	<0.2	2.77	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	1.15	NA	NA	121	<0.2	2.6	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.1	NA	NA	116	<0.2 B3	2.74	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.01	NA	NA	119	<0.2	2.59	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.24	NA	1.02	NA	NA	116	<0.2	2.78	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.22	NA	2.5	NA	NA	138	<0.2	2.47	3.74 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.23	NA	2.53	NA	NA	133	<0.2	2.63	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.22	NA	5.32	NA	NA	160	<0.2	2.39	3.028 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.62	NA	NA	144	NA	2.24	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.8 j	NA	NA	115	NA	2.66	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	47.4	NA	NA	353	<0.2	6.97	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	140	NA	NA	515	<0.2	7.07	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	109	NA	NA	477	<0.2 B3	5.42	<5
NA	NA	101	NA	NA	468	<0.2	5.51	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	135	NA	NA	571	<0.2	5.07	<5
<0.05	NA	86.8	NA	NA	476	<0.2	5.59	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	107	NA	NA	504	<0.2	5.74	2.672 j
0.065	NA	100	NA	NA	512	<0.2	5.74	2.275 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	125	NA	NA	460	NA	6.46	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	126	NA	NA	522	NA	6.28	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.16	NA	NA	1080	<0.2	3.48	<5
NA	NA	1.49	NA	NA	1130	<0.2	2.29 B2	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	1220	0.312	0.714	<5
<0.05	NA	<1	NA	NA	1260	<0.2	0.458	<5
<0.05	NA	<1	NA	NA	1260	<0.2	0.862	<5
<0.05	NA	0.374 j	NA	NA	1270	<0.2	1.21	<5
NA	NA	0.527 j	NA	NA	1210	NA	0.643	NA
NA	NA	0.351 j	NA	NA	1160	NA	0.623	NA
NA	NA	6.28	NA	NA	1550	<0.2 M2	4.29	<5
NA	NA	3.99	NA	NA	1470	<0.2	4.25 B2	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	1480	<0.2	3.04	<5
<0.05	NA	<1	NA	NA	1540	<0.2	3.28	<5
<0.05	NA	<1	NA	NA	1520	<0.2	3.95	<5
<0.05	NA	<1	NA	NA	1530	<0.2	4.29	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.507 j	NA	NA	1470	NA	4.19	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.937 j	NA	NA	1510	NA	4.42	NA
NA	NA	<1	NA	NA	2140	<0.2	5.87	5
NA	NA	<1	NA	NA	2250	<0.2	5.58 B2	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	2400	<0.2	4.9	<5
<0.05	NA	<1	NA	NA	2660	<0.2	3.96	<5
<0.05	NA	<1	NA	NA	2870	<0.2	5.34	2.165 j
0.058	NA	<1	NA	NA	2420	<0.2	5.94	3.298 j
NA	NA	<1	NA	NA	1980	NA	5.47	NA
NA	NA	<1	NA	NA	1800	NA	4.61	NA
NA	NA	<1	NA	NA	1270	<0.2	3.98	<5
NA	NA	1.44	NA	NA	1290	<0.2	3.39 B2	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	1260	<0.2	1.27	<5
<0.05	NA	<1	NA	NA	1320	<0.2	1.1	<5
<0.05	NA	<1	NA	NA	1240	<0.2	1.4	<5
<0.05	NA	<1	NA	NA	1280	<0.2	1.52	<5
NA	NA	<1	NA	NA	1340	NA	1.37	NA
NA	NA	<1	NA	NA	1440	NA	1.34	NA
NA	NA	<1	NA	NA	827	<0.2	0.639	<5
NA	NA	<1	NA	NA	890	<0.2	0.612 B2	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.083	NA	<1	NA	NA	885	<0.2	0.616	<5
0.071	NA	<1	NA	NA	951	<0.2	0.497	<5
0.062	NA	<1	NA	NA	933	<0.2	0.505	<5
0.086	NA	<1	NA	NA	1010	<0.2	0.558	<5
NA	NA	<1	NA	NA	1020	NA	0.45	NA
NA	NA	<1	NA	NA	1090	NA	0.469	NA
NA	NA	<1	NA	NA	892	<0.2	0.58	<5
NA	NA	<1	NA	NA	843	<0.2	0.8 B2	5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	864	<0.2	0.369	<5
<0.05	NA	<1	NA	NA	819	<0.2	0.167 j	3.302 j

<0.05	NA	<1	NA	NA	782	<0.2	0.238 j	2.413 j
<0.05	NA	<1	NA	NA	787	<0.2	0.653	<5
NA	NA	<1	NA	NA	819	NA	<0.3	NA
NA	NA	<1	NA	NA	839	NA	0.18 j	NA
NA	NA	30.4	NA	NA	1620	<0.2	0.746	8
NA	NA	28.2	NA	NA	1690	<0.2	0.77 B2	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	26.5	NA	NA	1780	<0.2	1.01	<5
<0.05	NA	46.9	NA	NA	1670	<0.2	0.954	<5
<0.05	NA	65	NA	NA	1630	<0.2	0.95	3.998 j
<0.05	NA	76	NA	NA	1770	0.174 j	1.57	3.306 j
NA	NA	71.4	NA	NA	1690	NA	1.01	NA
NA	NA	68.4	NA	NA	1900	NA	1.33	NA
<0.05	NA	<1	NA	NA	362	<0.2	0.151 j	<5
<0.05	4.1	<1	<0.3	21.2	361	<0.2	0.112 j	<5
<0.05	4.24	<1	<0.3	21	371	<0.2	0.322	6 B2
<0.05	4.21	<1	<0.3	20.8	363	<0.2	0.144 j	4.088 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	548	<0.2	6.52	<5
NA	NA	<1	NA	NA	583	<0.2	5.84	<5

NA	NA	<1	NA	NA	494	<0.2	6.09	6
NA	NA	1.08	NA	NA	484	<0.2	8.08	124
NA	NA	1.26	NA	NA	474	<0.2	8.44	81
NA	NA	<1	NA	NA	484	<0.2	4.22	12
NA	NA	1.8	NA	NA	479	<0.2	15.3	<5
NA	NA	4.58	NA	NA	505	<0.2	13.4	33
NA	NA	4.1	NA	NA	473	<0.2 B3	14.8	<5
NA	NA	3.14	NA	NA	487	<0.2	13.6	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	5.04	NA	NA	484	<0.2	12.8	<5
0.062	NA	6.29	NA	NA	516	<0.2	13.1	6
<0.05	NA	5.19	NA	NA	498	0.089 j	12.4	9
0.083	NA	11.9	NA	NA	536	<0.2	17.6	2.377 j
NA	NA	16.4	NA	NA	621	NA	15.9	NA
NA	NA	9.17	NA	NA	517	NA	18	NA
<0.05	NA	<1	NA	NA	336	<0.2	0.162 j	<5
<0.05	7.36	<1	<0.3	30.5	340	<0.2	0.362	<5
<0.05	7.34	<1	<0.3	30.1	346	0.106 j	0.221 j	7 B2
<0.05	7.84	<1	<0.3	32.4	381	<0.2	0.276 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	<1	NA	NA	591	<0.2	5.64	7
NA	NA	<1	NA	NA	760	<0.2	5.74	<5
NA	NA	<1	NA	NA	614	<0.2	5.62	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.055	NA	<1	NA	NA	2210	<0.2	4.96	25
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.057	NA	<1	NA	NA	2140	<0.2	4.41	3.02 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.051	NA	<1	NA	NA	2460	<0.2	4.4	5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.071	NA	<1	NA	NA	2600	<0.2	4.96	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	2440	NA	4.4	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	3100	NA	4.64	NA
NA	NA	<1	NA	NA	674	<0.2	<0.3	8
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	607	<0.2	<0.3	11
NA	NA	<1	NA	NA	625	<0.2	0.356	<5
NA	NA	<1	NA	NA	550	<0.2	<0.3	15
NA	NA	<1	NA	NA	507	<0.2	<0.3	6
NA	NA	<1	NA	NA	554	<0.2	<0.3	9
NA	NA	<1	NA	NA	532	<0.2	<0.3	<5
NA	NA	<1	NA	NA	505	<0.2	<0.3	10
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	511	<0.2	<0.3	<5
0.062	NA	<1	NA	NA	547	<0.2	0.122 j	2.049 j
0.092	NA	<1	NA	NA	541	<0.2	0.14 j	1.71 j
<0.05	NA	<1	NA	NA	506	<0.2	<0.3	4.177 j
NA	NA	<1	NA	NA	445	NA	<0.3	NA
NA	NA	<1	NA	NA	442	NA	0.208 j	NA
NA	NA	6.34	NA	NA	1330	<0.2	10.2	8
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	6.42	NA	NA	1390	<0.2	13.4	<5

NA	NA	5.98	NA	NA	1450	<0.2	13.4	12
NA	NA	5.31	NA	NA	1410	<0.2	13.9	<5
NA	NA	4.45	NA	NA	1410	<0.2 B2	14.9	<5
NA	NA	4.32	NA	NA	1520	<0.2	15.2	<5
NA	NA	3.58	NA	NA	1340	<0.2 B3	14.6	<5
NA	NA	3.64	NA	NA	1520	<0.2	13.7	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	1.64	NA	NA	1450	<0.2	12.9	<5
<0.05	NA	2.34	NA	NA	1580	<0.2	13.6	<5
<0.05	NA	2.84	NA	NA	1650	0.104 j,B2	16.2	3.319 j
<0.05	NA	2.21	NA	NA	1590	<0.2	16.5	<5
NA	NA	2.41	NA	NA	1580	NA	15.7	NA
NA	NA	11.2	NA	NA	1660	NA	14.9	NA
NA	NA	1.59	NA	NA	165	<0.2	7.57	133
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	161	<0.2	5.05	14
NA	NA	<1	NA	NA	176	<0.2	4.26	<5
NA	NA	<1	NA	NA	225	<0.2	2.44	<5
NA	NA	<1	NA	NA	237	<0.2 B2	3.4	<5
NA	NA	<1	NA	NA	271	<0.2 B3	1.47	<5
NA	NA	<1	NA	NA	254	<0.2	1.34	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	264	<0.2	0.424	<5
<0.05	NA	<1	NA	NA	219	<0.2	0.774	3.548 j
<0.05	NA	<1	NA	NA	257	0.128 j	0.585	9
<0.05	NA	<1	NA	NA	261	<0.2	0.633	2.935 j
NA	NA	<1	NA	NA	261	NA	0.166 j	NA
NA	NA	<1	NA	NA	235	NA	0.413	NA
NA	NA	<1	NA	NA	196	<0.2	1.93	8
NA	NA	<1	NA	NA	185	<0.2	0.764	<5
NA	NA	<1	NA	NA	237	<0.2	1.62	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	268	0.414	0.528	<5
NA	NA	<1	NA	NA	292	<0.2	0.889	<5
NA	NA	<1	NA	NA	287	<0.2	<0.3	<5
NA	NA	<1	NA	NA	284	<0.2	<0.3	<5
NA	NA	<1	NA	NA	276	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	306	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	310	<0.2	1	<5
<0.05	NA	<1	NA	NA	305	<0.2	0.657	16
<0.05	NA	<1	NA	NA	308	<0.2	0.442	<5

<0.05	NA	<1	NA	NA	290	<0.2	0.451	2.252 j
NA	NA	<1	NA	NA	296	NA	0.393	NA
NA	NA	<1	NA	NA	303	NA	0.982	NA
NA	NA	<1	NA	NA	722	<0.2	3.47	70
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	498	<0.2	9.32	<5
NA	NA	<1	NA	NA	479	<0.2	8.78	<5
NA	NA	<1	NA	NA	439	<0.2	9.14	<5
NA	NA	<1	NA	NA	387	<0.2	13.4	<5
NA	NA	<1	NA	NA	345	<0.2 B3	12.5	<5
NA	NA	<1	NA	NA	362	<0.2	12.5	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.073	NA	<1	NA	NA	397	<0.2	14.3	<5
0.1	NA	0.493 j	NA	NA	378	<0.2	12.5	2.755 j
0.071	NA	0.363 j	NA	NA	418	0.36 B2	13.7	10
0.09	NA	0.499 j	NA	NA	405	0.091 j	17	3.012 j
NA	NA	0.544 j	NA	NA	368	NA	12.4	NA
NA	NA	<1	NA	NA	393	NA	17.3	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	147	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	157	<0.2	<0.3	<5
NA	NA	<1	NA	NA	166	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	172	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	148	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	161	<0.2 B3	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05 M1	NA	<1	NA	NA	165	<0.2	<0.3	<5
NA	NA	<1	NA	NA	153	NA	<0.3	NA
NA	NA	<1	NA	NA	154	NA	0.125 j	NA
NA	NA	<1	NA	NA	198	<0.2	4.67	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	190	<0.2	5.79	<5
NA	NA	<1	NA	NA	182	<0.2 B2	6.82	<5
NA	NA	<1	NA	NA	199	<0.2 B2	7.07	<5
NA	NA	<1	NA	NA	178	<0.2 B3	6.16	<5
NA	NA	<1	NA	NA	185	<0.2 B3	5.86	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	177	<0.2	6.42	<5
NA	NA	0.432 j	NA	NA	160	NA	5.86	NA
NA	NA	0.423 j	NA	NA	157	NA	6.22	NA
NA	NA	<1	NA	NA	136	<0.2	4.02	7

NA	NA	<1	NA	NA	137	<0.2	5.43	9
NA	NA	<1	NA	NA	135	<0.2	2.99	<5
NA	NA	<1	NA	NA	140	<0.2 B2	3.94	5
NA	NA	<1	NA	NA	129	<0.2 B3	3.83	<5
NA	NA	<1	NA	NA	128	<0.2	4.84	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	125	<0.2	7.01	<5
<0.05	NA	0.881 j	NA	NA	108	<0.2	13.1	6
0.059	NA	0.862 j	NA	NA	96	0.184 j,B2	17	10
0.091	NA	0.758 j	NA	NA	92	<0.2	18.7	4.87 j
NA	NA	0.753 j	NA	NA	94	NA	17.9	NA
NA	NA	<1	NA	NA	135	NA	9.21	NA
NA	NA	<1	NA	NA	222	<0.2	2.25	34
NA	NA	<1	NA	NA	201	<0.2	2.03	24
NA	NA	<1	NA	NA	194	<0.2	1.69	<5
NA	NA	<1	NA	NA	216	<0.2 B2	0.366	<5
NA	NA	<1	NA	NA	207	<0.2 B3	0.59	<5
NA	NA	<1	NA	NA	220	<0.2	0.432	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	203	<0.2	0.495	14
0.053	NA	<1	NA	NA	205	<0.2	0.219 j	9
<0.05	NA	<1	NA	NA	202	<0.2	0.4	11
<0.05	NA	<1	NA	NA	204	<0.2	0.479	3.287 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	208	NA	0.135 j	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	204	NA	<0.3	NA
NA	NA	<1	NA	NA	208	<0.2	3.94	73
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	162	<0.2	1.42	16
NA	NA	<0.5	NA	NA	170	<0.1	1.3	<10
NA	NA	<1	NA	NA	173	<0.2	1.44	22
NA	NA	<1	NA	NA	167	<0.2	2.19	<5
NA	NA	<1	NA	NA	184	<0.2 B2	1.85	19
NA	NA	<1	NA	NA	159	<0.2 B2	1.6	<5
NA	NA	<1	NA	NA	166	<0.2	2.42	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	180	<0.2	4.05	13
<0.05	NA	<1	NA	NA	185	<0.2	4.09	18
<0.05	NA	<1	NA	NA	219	<0.2	5.75	2.123 j
0.051	NA	<1	NA	NA	228	<0.2	5.54	1.813 j
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	<1	NA	NA	275	NA	8.49	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	235	NA	4.1	NA
<0.05	NA	<1	NA	NA	2100	<0.2	2.03	26
<0.05	13	<1	<0.3	94.8	2040	<0.2	1.24	5
<0.05	NA	<5 D3	NA	NA	1910	<1 D3	<2.8 D3	<2.5
<0.05	13.1	<1	<0.3	100	2130	<0.2	1.38	<5
<0.05	NA	<1	NA	NA	414	<0.2	1.83	889
<0.05	10.8	<1	<0.3	121	430	<0.2	0.833	2.467 j
<0.05	NA	<1.2 D3	NA	NA	437	<0.25 D3	<0.7 D3	<2.5
<0.05	8.2	<1	<0.3	95.3	435	0.149 j,B2	0.393	<5
NA	NA	<1	NA	NA	196	<0.2	1.78	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	186	<0.2	1.4	<5
NA	NA	<1	NA	NA	189	<0.2	1.45	<5
NA	NA	<1	NA	NA	184	<0.2	1.31	5
NA	NA	<1	NA	NA	179	<0.2	1.56	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	179	<0.2	1.89	12
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	178	<0.2	2.2	15
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	188	<0.2 B2	2.47	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	172	<0.2 B2	2.6	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	177	<0.2	2.57	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.21	NA	<1	NA	NA	168	<0.2	2.81	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	168	<0.2	2.68	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	0.361 j	NA	NA	170	<0.2	2.76	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.055	NA	<1	NA	NA	161	<0.2	3.07	1.747 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	170	NA	2.96	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	175	NA	2.87	NA
NA	NA	<1	NA	NA	125	<0.2	1.59	6

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	121	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1 B2	NA	NA	181	<0.2	4.71	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	169	<0.2	3.12	8
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	180	<0.2	5.22	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	185	<0.2	4.96	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	160	<0.2	4.87	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	195	<0.2	5.46	2.132 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	183	<0.2	4.46	2.097 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	188	<0.2	5.72	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	183	NA	4.51	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	183	NA	4.88	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	313	<0.2	2.11	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	322	<0.2	2.54	1.864 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	328	0.081 j,B2	2.86	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA

<0.05	NA	<1	NA	NA	316	<0.2	3.25	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	303	NA	3.43	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	310	NA	3.6	NA
NA	NA	<1	NA	NA	226	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	217	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	229	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	236	<0.2	0.109 j	<5
<0.05	NA	<1	NA	NA	234	0.139 j	0.115 j	<5
<0.05	NA	<1	NA	NA	229	<0.2	0.228 j	<5
NA	NA	<1	NA	NA	231	NA	<0.3	NA
NA	NA	<1	NA	NA	226	NA	<0.3	NA
NA	NA	<1	NA	NA	407	<0.2	<0.3	17
NA	NA	<1	NA	NA	399	0.314	0.664	<5
NA	NA	<0.5	NA	NA	410	<0.1	<1	<10
NA	NA	<1	NA	NA	411	<0.2	<0.3	7
NA	NA	<1	NA	NA	421	<0.2	0.355	18
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	416	<0.2	2.87	5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	410	<0.2	2.16	53
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	425	<0.2	3.9	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	415	<0.2 B2	4.56	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	417	<0.2	5.04	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.19	NA	<1	NA	NA	404	<0.2	6.5	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.19	NA	<1	NA	NA	390	0.137 j	6.33	5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.18	NA	<1	NA	NA	405	<0.2	6.42	3.79 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.22	NA	<1	NA	NA	408	<0.2	6.99	3.205 j

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	415	NA	6.99	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	359	NA	6.99	NA
NA	NA	<1	NA	NA	169	<0.2	<0.3	61
NA	NA	<1	NA	NA	158	<0.2	<0.3	7
NA	NA	<0.5	NA	NA	170	<0.1	<1	<10
NA	NA	<1	NA	NA	165	<0.2	0.319	51
NA	NA	<1	NA	NA	158	<0.2	<0.3	21
NA	NA	<1	NA	NA	170	<0.2	<0.3	12
NA	NA	<1	NA	NA	157	<0.2	<0.3	16
NA	NA	<1	NA	NA	173	<0.2	<0.3	<5
NA	NA	<1	NA	NA	162	<0.2 B2	<0.3	6
NA	NA	<1	NA	NA	164	<0.2 B3	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	166	<0.2	<0.3	7
<0.05	NA	<1	NA	NA	174	<0.2	0.133 j	8
<0.05	NA	<1	NA	NA	176	<0.2	0.181 j	4.05 j
0.053	NA	<1	NA	NA	187	<0.2	<0.3	2.273 j
NA	NA	<1	NA	NA	177	NA	<0.3	NA
NA	NA	<1	NA	NA	181	NA	<0.3	NA
NA	NA	<1	NA	NA	186	<0.2	3.73	<5
NA	NA	<1	NA	NA	195	<0.2	3.64	8
NA	NA	<1	NA	NA	189	<0.2 B3	3.64	6
NA	NA	<1	NA	NA	148	0.354	0.334	30
NA	NA	<1	NA	NA	114	<0.2	<0.3	<5
NA	NA	<0.5	NA	NA	100	<0.1	<1	<10
NA	NA	<1	NA	NA	90	<0.2	<0.3	<5
NA	NA	<1	NA	NA	135	<0.2	<0.3	16
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	113	<0.2	0.311	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	118	<0.2	<0.3	8
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	164	<0.2 B2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	135	<0.2 B2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	147	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	147	<0.2	<0.3	24
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	135	0.197 j	0.144 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	152	<0.2	0.118 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	0.407 j	NA	NA	121	<0.2	0.386	1.847 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	117	NA	0.227 j	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	118	NA	<0.3	NA
NA	NA	<1	NA	NA	215	<0.2	4.39	6
NA	NA	<1	NA	NA	228	<0.2	6.65	<5
NA	NA	<2.5	NA	NA	230	<0.5	7.4	<10
NA	NA	<1	NA	NA	230	<0.2	7.37	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	224	<0.2	8.42	16
NA	NA	<1	NA	NA	236	<0.2	10.1	11
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	239	<0.2	9.26	12
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	249	<0.2 B2	9.35	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	246	<0.2 B3	9.89	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	232	<0.2	9.85	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	238	<0.2	9.89	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	233	<0.2	9.95	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	224	<0.2	9.94	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	226	<0.2	10.3	2.663 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	242	NA	9.94	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	237	NA	10	NA
NA	NA	<1	NA	NA	169	<0.2	1.84	<5

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	161	<0.2	1.56	<5
NA	NA	<0.5	NA	NA	170	<0.1	2.6	<10
NA	NA	<1	NA	NA	160	<0.2	2.74	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	173	<0.2	2.89	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.051	NA	<1	NA	NA	158	<0.2	2.63	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	0.353 j	NA	NA	152	0.132 j	2.7	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	158	<0.2	2.86	1.678 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.052	NA	<1	NA	NA	148	<0.2	3	2.392 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	155	NA	2.92	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	156	NA	2.93	NA
NA	NA	<1	NA	NA	832	<0.2	0.76	26
NA	NA	<1	NA	NA	929	<0.2	1.29	24
NA	NA	<0.5	NA	NA	870	<0.1	<1	<10
NA	NA	<1	NA	NA	891	<0.2	<0.3	<5
NA	NA	<1	NA	NA	880	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	893	<0.2	0.329	9
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	912	<0.2	<0.3	13
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	944	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	863	<0.2 B2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	882	<0.2 B3	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	890	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	831	<0.2	0.139 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	919	<0.2	0.377	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	861	<0.2	0.167 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	897	NA	0.311	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	881	NA	0.339	NA
NA	NA	<1	NA	NA	231	<0.2	0.897	32
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	217	0.203	<0.3	12
NA	NA	<2.5	NA	NA	220	<0.5	<5	<10
NA	NA	<1	NA	NA	221	<0.2	<0.3	<5
NA	NA	<1	NA	NA	207	<0.2	<0.3	15
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	297	<0.2	<0.3	5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	340	<0.2	<0.3	13
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	261	<0.2 B2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	235	<0.2 B3	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	239	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	325	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	440	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	380	<0.2	0.116 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.051	NA	<1	NA	NA	512	<0.2	0.298 j	5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	450	NA	0.22 j	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	452	NA	0.825	NA
NA	NA	11.7	NA	NA	978	0.328	6.49	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.57	NA	NA	904	<0.2	1.14	<5
NA	NA	1.6	NA	NA	660	<0.1	1.4	<10
NA	NA	1.75	NA	NA	616	<0.2	0.9	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.52	NA	NA	723	<0.2	1.33	6
NA	NA	1.08	NA	NA	709	<0.2	0.905	8
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.18	NA	NA	744	<0.2	1.02	24
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	656	<0.2 B2	1.14	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	707	<0.2 B3	1.11	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	636	<0.2	1.14	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	649	<0.2	1.66	25
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.051	NA	0.371 j	NA	NA	649	<0.2	1.42	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.052	NA	<1	NA	NA	515	<0.2	1.39	1.763 j
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.06	NA	0.695 j	NA	NA	818	<0.2	1.35	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.351 j	NA	NA	481	NA	1.35	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.719 j	NA	NA	517	NA	1.63	NA
NA	NA	<1	NA	NA	180	<0.2	0.372	<5
NA	NA	<1	NA	NA	192	<0.2	0.329	<5
NA	NA	<1	NA	NA	190	<0.2	<0.3	<5
NA	NA	<1	NA	NA	217	<0.2	<0.3	<5
NA	NA	<1	NA	NA	224	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	222	<0.2	0.336	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.27	NA	<1	NA	NA	254	<0.2	<0.3	<5
0.32	NA	<1	NA	NA	233	<0.2	0.214 j	1.784 j

0.36	NA	<1	NA	NA	244	<0.2	0.192 j	<5
0.31	NA	<1	NA	NA	240	<0.2	0.309	<5
NA	NA	<1	NA	NA	246	NA	0.194 j	NA
NA	NA	<1	NA	NA	245	NA	0.179 j	NA
<0.05	NA	<1	NA	NA	688	<0.2	0.591	<5
<0.05	14.3	<1	<0.3	67.2	693	<0.2	0.585	<5
<0.05	14.8	<1	<0.3	68.3	716	<0.2	0.672	5 B2
<0.05	15.1	<1	<0.3	70.5	753	<0.2	0.655	3.053 j
<0.05	NA	<1	NA	NA	1020	<0.2	0.174 j	<5
<0.05	14.3	<1	<0.3	71.2	964	<0.2	0.23 j	<5
<0.05	14.6	<1	<0.3	68.9	971	<0.2	0.145 j	6 B2
<0.05	14.3	<1	<0.3	68.1	902	0.083 j	0.284 j	2.474 j
<0.05	NA	<1	NA	NA	2440	<0.2	0.294 j	984
<0.05	18.2	<1	<0.3	195	2580	<0.2	0.423	43
<0.05	20.5	<1	<0.3	196	2760	<0.2	0.234 j	7 B2
<0.05	19	<1	<0.3	178	2720	<0.2	0.278 j	3.302 j
<0.05	NA	<1	NA	NA	311	<0.2	0.264 j	<5
<0.05	7.3	<1	<0.3	86.3	400	<0.2	0.273 j	<5
<0.05	NA	<1	NA	NA	396	<0.2	0.19 j	3.518 j
<0.05	6.9	<1	<0.3	66.4	443	<0.2	0.207 j	2.419 j
<0.05 M1	NA	<1	NA	NA	608	<0.2	0.264 j	<5
<0.05	10.4	<1	<0.3	30.6	637	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	654	<0.2	0.106 j	2.751 j
<0.05	10.3	<1	<0.3	32.1	714	<0.2	0.128 j	2.341 j
<0.05 M1	NA	<1	NA	NA	892	<0.2	0.421	378
<0.05	12	<1	<0.3	395	1280	<0.2	0.511	<5
<0.05	NA	<1	NA	NA	925	<0.2	0.592	<5
0.055	11.3	<1	<0.3	262	1060	<0.2	0.509	2.967 j
NA	NA	<1	NA	NA	149	<0.2	<0.3	<5
NA	NA	<1	NA	NA	151	<0.2	<0.3	8
NA	NA	<1	NA	NA	161	<0.2	<0.3	<5
NA	NA	<1	NA	NA	163	<0.2	<0.3	<5
NA	NA	<1	NA	NA	178	<0.2	<0.3	<5
NA	NA	<1	NA	NA	177	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	186	<0.2 B3	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	183	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	196	<0.2	0.115 j	<5
<0.05	NA	<1	NA	NA	197	<0.2	0.15 j	<5
<0.05	NA	<1	NA	NA	205	<0.2	0.362	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	200	NA	<0.3	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	200	NA	<0.3	NA

NA	NA	<1	NA	NA	273	<0.2	7.4	10
NA	NA	<1	NA	NA	332	<0.2	2.21	15
<0.05	NA	<1	NA	NA	381	0.171 j	1.6	14
<0.05	NA	<1	NA	NA	400	<0.2	1.6	20
<0.05	NA	<1	NA	NA	503	<0.2	1.15	26
<0.05	NA	<1	NA	NA	606	<0.2	0.604	2.42 j
NA	NA	<1	NA	NA	719	NA	0.211 j	NA
<0.05	61	<1	<0.3	156	780	<0.2	0.397	7 B2
NA	NA	<1	NA	NA	830	NA	0.388	NA
NA	NA	3.01	NA	NA	525	<0.2	1.01	<5
NA	NA	2.1	NA	NA	519	<0.2	0.893	9
NA	NA	1.28	NA	NA	509	<0.2	0.823	<5
NA	NA	<1	NA	NA	545	<0.2	0.589	<5
NA	NA	<1	NA	NA	533	<0.2	0.311	<5
NA	NA	<1	NA	NA	548	<0.2	0.412	5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	4.4	NA	NA	557	<0.2	0.569	<5
<0.05	NA	5.4	NA	NA	580	<0.2	0.622	3.368 j
<0.05	NA	6.14	NA	NA	577	<0.2	0.742	1.687 j
<0.05	NA	10.6	NA	NA	581	<0.2	0.846	2.218 j
NA	NA	11.1	NA	NA	503	NA	1.13	NA
NA	NA	6.92	NA	NA	573	NA	1.36	NA
NA	NA	2.17	NA	NA	1900	<0.2	1.28	<5
NA	NA	405	NA	NA	1550	<0.2	3.18	<5
NA	NA	291	NA	NA	1740	<0.2	2.95	<5
NA	NA	26	NA	NA	1620	<0.2	2.15	<5
NA	NA	76.5	NA	NA	1880	<0.2 B2	2.4	<5
NA	NA	410	NA	NA	1760	<0.2	3.51	<5
NA	NA	93.7	NA	NA	1170	<0.2	2.23	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.074	NA	22	NA	NA	1640	<0.2	2.33	<5
0.059	NA	260	NA	NA	1800	<0.2	4.51	2.894 j
0.07	NA	111	NA	NA	1540	<0.2	3.55	<5
0.12	NA	28.5	NA	NA	919	<0.2	4.38	1.721 j
NA	NA	7.94	NA	NA	858	NA	4.4	NA
NA	NA	19.7	NA	NA	1310	NA	3.88	NA
NA	NA	<1	NA	NA	186	<0.2	0.4	9
NA	NA	<1	NA	NA	2410	<0.2	3.57	<5
NA	NA	<1	NA	NA	5300	<0.2	1.99	<5
NA	NA	<1	NA	NA	1020	<0.2	1.99	<5
NA	NA	<1	NA	NA	147	<0.2 B3	0.978	<5
NA	NA	<1	NA	NA	158	<0.2	0.717	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
0.11	NA	<1	NA	NA	143	<0.2	0.586	<5
0.11	NA	<1	NA	NA	150	0.085 j	0.686	3.349 j
0.1	NA	<1	NA	NA	136	<0.2	0.728	6
0.11	NA	<1	NA	NA	134	<0.2	0.612	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	139	NA	0.816	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	142	NA	1.2	NA
NA	NA	<1	NA	NA	1920	<0.2	0.747	<5
NA	NA	<1	NA	NA	1890	<0.2	<0.3	<5
NA	NA	<1	NA	NA	1740	<0.2	<0.3	<5
NA	NA	<1	NA	NA	1870	<0.2	<0.3	<5
NA	NA	<1	NA	NA	1850	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	1760	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	1790	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	1780	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	1740	0.124 j,B2	<0.3	4.908 j
<0.05	NA	<1	NA	NA	1740	<0.2	0.211 j	<5
NA	NA	<1	NA	NA	1680	NA	0.112 j	NA
NA	NA	<1	NA	NA	1700	NA	<0.3	NA
NA	NA	<1	NA	NA	1790	<0.2	0.405	10
NA	NA	<1	NA	NA	1900	<0.2	<0.3	<5
NA	NA	<1	NA	NA	1750	<0.2	<0.3	<5
NA	NA	<1	NA	NA	1880	<0.2	<0.3	<5
NA	NA	<1	NA	NA	1800	<0.2	<0.3	<5
NA	NA	<1	NA	NA	1770	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	1830	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	1810	0.104 j	0.105 j	2.007 j
<0.05	NA	<1	NA	NA	1780	<0.2	0.153 j	<5
<0.05	NA	<1	NA	NA	1780	<0.2	<0.3	<5
NA	NA	<1	NA	NA	273	<0.2	0.803	10
NA	NA	<1	NA	NA	262	<0.2	<0.3	<5
NA	NA	<1	NA	NA	253	<0.2	<0.3	<5
NA	NA	<1	NA	NA	264	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	256	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	261	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	255	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	256	0.153 j	0.114 j	10

<0.05	NA	<1	NA	NA	260	<0.2	0.237 j	<5
<0.05	NA	<1	NA	NA	257	<0.2	0.284 j	<5
NA	NA	<1	NA	NA	252	NA	0.232 j	NA
NA	NA	<1	NA	NA	261	NA	<0.3	NA
NA	NA	<1	NA	NA	235	<0.2	0.465	<5 B3
NA	NA	<1	NA	NA	247	<0.2	0.389	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	273	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	295	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	295	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	294	<0.2	0.254 j	<5
NA	NA	<1	NA	NA	307	NA	<0.3	NA
NA	NA	<1	NA	NA	310	NA	0.155 j	NA
NA	NA	<1	NA	NA	264	<0.2 B3	1.81	<5
NA	NA	<1	NA	NA	276	<0.2 B3	1.58	6
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	269	<0.2	0.43	<5
<0.05	NA	<1	NA	NA	287	0.138 j	0.452	<5
<0.05	NA	<1	NA	NA	302	0.091 j	0.412	1.827 j
<0.05	NA	<1	NA	NA	344	<0.2	0.292 j	<5
NA	NA	<1	NA	NA	384	NA	0.222 j	NA
NA	NA	<1	NA	NA	423	NA	0.268 j	NA
NA	NA	<1	NA	NA	132	<0.2	0.952	<5 B3
NA	NA	<1	NA	NA	143	<0.2	1.12	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	146	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	152	<0.2	0.158 j	5
<0.05	NA	<1	NA	NA	136	<0.2	0.122 j	<5
<0.05	NA	<1	NA	NA	139	<0.2	0.116 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	149	NA	0.413	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	156	NA	2.28	NA
NA	NA	1.43	NA	NA	294	<0.2	0.556	<5 B3
NA	NA	<1	NA	NA	283	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	296	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	302	<0.2	0.146 j	1.876 j
<0.05	NA	<1	NA	NA	288	<0.2	0.242 j	4.159 j
<0.05	NA	<1	NA	NA	291	<0.2	<0.3	4.148 j
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	<1	NA	NA	302	NA	<0.3	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	298	NA	<0.3	NA
NA	NA	<1	NA	NA	292	<0.2	1.75	<5 B3
NA	NA	<1	NA	NA	305	<0.2	1.8	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
0.059	NA	2.14	NA	NA	313	<0.2	1.94	<5
<0.05	NA	1.88	NA	NA	313	<0.2	2.01	2.963 j
0.054	NA	1.61	NA	NA	321	0.088 j,B2	2.12	1.893 j
0.066	NA	1.57	NA	NA	308	<0.2	2.24	<5
NA	NA	1.52	NA	NA	318	NA	2.01	NA
NA	NA	1.44	NA	NA	325	NA	2.16	NA
NA	NA	<1	NA	NA	577	<0.2	0.548	8 B3
NA	NA	<1	NA	NA	580	<0.2	0.373	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	599	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	596	<0.2	0.149 j	<5
<0.05	NA	<1	NA	NA	643	<0.2	0.26 j	<5
<0.05	NA	<1	NA	NA	641	<0.2	0.269 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	645	NA	0.248 j	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	646	NA	0.111 j	NA
NA	NA	<1	NA	NA	284	<0.2	0.866	<5
NA	NA	<1	NA	NA	330	<0.2	5.54	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	473	<0.2	0.439	<5
<0.05	NA	<1	NA	NA	1200	<0.2	0.739	<5
<0.05	NA	<1	NA	NA	3560	<0.2	3.81	<5
<0.05	NA	0.412 j	NA	NA	5340	<0.2	3.17	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.455 j	NA	NA	7740	NA	1.8	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.434 j	NA	NA	8610	NA	1.25	NA
<0.05	NA	5.22	NA	NA	599	<0.2	3.55	<5
<0.05	8.04	3.15	<0.3	28.3	663	<0.2	1.63	<5
<0.05	7.65	3.74	<0.3	27.1	648	<0.2	1.59	<5
<0.05	7.81	3.87	<0.3	27.3	669	<0.2	2.11	<5
<0.05	NA	25.5	NA	NA	653	<0.2	5.64	<5
<0.05	5.52	23.6	<0.3	55.6	675	<0.2	6.27	<5
<0.05	5.28	24.5	<0.3	53.5	657	<0.2	6.14	<5
<0.05	5.35	23.6	<0.3	53.9	689	<0.2	6.13	<5

<0.05	NA	4.52	NA	NA	386	<0.2	3.47	105
<0.05	5.92	0.411 j	<0.3	27.1	359	<0.2	0.831 B2	<5
<0.05	5.85	0.399 j	<0.3	23.5	338	<0.2	0.493	<5
<0.05	5.1	0.411 j	<0.3	21.2	328	0.112 j,B2	0.562	<5
<0.05	NA	42.2	NA	NA	874	<0.2	5.39	31
<0.05	5.28	44.1	<0.3	61.8	863	<0.2	7.09 B2	3.046 j
<0.05	5.07	46	<0.3	62.6	858	<0.2	7.02	<5
<0.05	5.3	50.7	<0.3	62.9	871	<0.2	7.42	<5
<0.05	NA	39.2	NA	NA	1380	<0.2	9.18	<5
<0.05	0.772	39.3	<0.3	73.5	1380	<0.2	14.2 B2	3.8 j
<0.05	0.778	37.9	<0.3	78.7	1430	<0.2	16.9	4.148 j
<0.05	0.767	36.9	<0.3	78.1	1390	<0.2	19.6	6
<0.05	NA	10.1	NA	NA	842	<0.2	1.87	11
<0.05	12.1	3.24	<0.3	54.8	840	<0.2	1.18	4.35 j
<0.05	12.8	3.18	<0.3	58.4	841	<0.2	1.58	7 B2
<0.05	12.4	3.85	<0.3	58.9	839	<0.2	2.67	<5
0.062	NA	24.8	NA	NA	778	<0.2	10.5	7
0.068	7.49	27	<0.3	75.9	789	<0.2	10.8	3.648 j
0.053	7.46	26.7	<0.3	74.4	784	<0.2	10.7	6 B2
0.064	7.47	26	<0.3	75.5	784	<0.2	11	<5
<0.05	NA	25.8	NA	NA	515	<0.2	1.95	4.6 j
<0.05	20.7	17.5	<0.3	44	1080	<0.2	4.76 B2	<5
<0.05	11.1	18.6	<0.3	32.1	782	<0.2	2.71	6 B2
<0.05	18.4	9.32	<0.3	42.2	1560	0.095 j,B2	3.36	<5
0.065	NA	9.22	NA	NA	682	<0.2	4.61	<5
0.065	6.08	9.38	<0.3	44.7	749	<0.2	4.65 B2	3.685 j
0.06	5.9	9.98	<0.3	43.3	749	0.182 j	4.6	9 B2
0.059	6.26	10.5	<0.3	46.2	801	<0.2	4.5	2.012 j,B2
<0.05	NA	12.7	NA	NA	903	<0.2	3.73	9
0.051	0.496	12.5	<0.3	91	939	<0.2	7.29 B2	7
<0.05	0.544	12.1	<0.3	89.8	924	<0.2	9	12 B2
0.07	0.395	11.1	<0.3	88.1	908	<0.2	10.1	6 B2
<0.05	NA	<1	NA	NA	363	<0.2	0.95	<5
<0.05	NA	<1	NA	NA	411	<0.2	1.38	3.868 j
<0.05	492	0.5 j	NA	411	14700	<0.2	0.773	<5
<0.05	NA	0.343 j	NA	NA	100	<0.2	1.47	7
<0.05	3.52	<1	<0.3	20.1	88	<0.2	1.19	61
<0.05	NA	<1	NA	NA	79	<0.2	1.12	16 B
0.055	3.3	<1	NA	18.8	81	<0.2	1.19	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

INORGANIC PARAMETERS (DISSOLVED CONCENTRATION WITH FILTER SIZE)

NA	NA	0.405 j	NA	NA	1590	NA	0.305	NA
NA	NA	<1	NA	NA	10000	<0.2	1.03	61
NA	NA	<1	NA	NA	237	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	444	<0.2	15.8	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	0.362 j	NA	NA	536	<0.2	0.545	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	449	<0.2	3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	310	<0.2 B3	1.66	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	299	<0.2	1.82	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	357	NA	3.62	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	8
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	<5	NA	<0.3	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	<1	NA	NA	<5	<0.2	<0.3	17
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	31
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	10
NA	NA	<1	NA	NA	<5	<0.2	<0.3	17
NA	NA	<1	NA	NA	<5	<0.2	<0.3	229
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	NA	NA	NA	<5	NA	NA	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<0.5	NA	NA	<5	<0.1	<1	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	20
NA	NA	<1	NA	NA	<5	<0.2	<0.3	11
NA	NA	<1	NA	NA	<5	<0.2	<0.3	14
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	7
NA	NA	<1	NA	NA	<5	<0.2	<0.3	8
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	10
NA	NA	<1	NA	NA	<5	<0.2	<0.3	9
NA	NA	<1 B2	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1 B2	NA	NA	<5	<0.2	<0.3	7
NA	NA	<1	NA	NA	<5	<0.2	<0.3	9
NA	NA	<1	NA	NA	<5	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B2	<0.3	19

NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5 B3
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2 B3	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	<0.3 B2	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	1.903 j
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	<0.3	NA	<5	<0.2	0.173 j	<5
NA	NA	<1	<0.3	NA	<5	<0.2	0.28 j	<5
NA	NA	<1	<0.3	NA	<5	<0.2	0.225 j	<5
NA	NA	<1	<0.3	NA	<5	<0.2	0.143 j	<5
<0.05	NA	<1	NA	NA	<5	0.108 j	0.115 j	<5
<0.05	NA	<1	NA	NA	<5	<0.2	0.119 j	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	1.71 j
NA	NA	NA	NA	NA	NA	NA	NA	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5

<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
NA	NA	<1	NA	NA	<5	<0.2	0.157 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	<1	<0.3	NA	<5	<0.2	<0.3	<5
NA	NA	<1	<0.3	NA	<5	<0.2	<0.3	<5
NA	NA	<1	<0.3	NA	<5	<0.2	<0.3	<5
NA	NA	<1	<0.3	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	0.106 j	<5
<0.05	NA	<1	NA	NA	<5	<0.2	<0.3	<5
<0.05	NA	<1	NA	NA	<5	<0.2	0.183 j	<5
NA	NA	<1	NA	NA	<5	NA	<0.3	NA
NA	NA	<1	NA	NA	<5	NA	<0.3	NA
NA	NA	<1	NA	NA	<5	NA	<0.3	NA
NA	NA	<1	NA	NA	<5	NA	<0.3	NA
NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	<1	<0.3	NA	1.146 j	<0.2	<0.3	<5
NA	NA	<1	<0.3	NA	0.818 j	<0.2	<0.3	<5
NA	NA	<1	<0.3	NA	<5	<0.2	<0.3	<5
NA	NA	<1	<0.3	NA	<5	<0.2	<0.3	<5
<0.05	<0.1	<1	<0.3	0.036612 j	<5	<0.2	0.165 j	<5
NA	NA	NA	NA	NA	NA	NA	NA	24.2
NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	136	NA	NA	564	<0.2	5.04	<5
<0.05	NA	<1	NA	NA	1240	<0.2	0.827	<5
<0.05	NA	<1	NA	NA	1270	<0.2	1.41	<5
NA	NA	0.572 j	NA	NA	1220	NA	0.774	NA
NA	NA	1.38	NA	NA	1270	<0.2	3.48 B2	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	1300	<0.2	1.5	<5
0.082	NA	<1	NA	NA	884	<0.2	0.572	8
NA	NA	<1	NA	NA	1090	NA	0.469	NA
NA	NA	30.1	NA	NA	1580	<0.2	0.801	<5
NA	NA	6.23	NA	NA	1350	<0.2	10.6	<5
NA	NA	<1	NA	NA	157	<0.2	<0.3	<5
NA	NA	<1	NA	NA	158	<0.2 B2	<0.3	<5
NA	NA	<1	NA	NA	173	<0.2	1.5	21
NA	NA	<1	NA	NA	189	<0.2	1.51	<5
NA	NA	<1	NA	NA	236	NA	0.215 j	NA
NA	NA	<1	NA	NA	410	<0.2	0.348	6
NA	NA	<1	NA	NA	408	<0.2	0.348	7
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	403	<0.2	2.72	12
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	166	<0.2	1.39	57
NA	NA	<1	NA	NA	238	<0.2 B2	9.56	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	207	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	216	<0.2	<0.3	<5
NA	NA	<1	NA	NA	220	<0.2	0.337	<5
<0.05	NA	<1	NA	NA	683	<0.2	0.589	<5
<0.05	15	<1	<0.3	71.5	1010	<0.2	0.194 j	6 B2
<0.05	18.3	<1	<0.3	191	2610	<0.2	0.32	55
NA	NA	<1	NA	NA	153	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	181	<0.2	<0.3	<5

<0.05	NA	<1	NA	NA	198	<0.2	<0.3	<5
NA	NA	<1	NA	NA	206	NA	<0.3	NA
0.067	NA	241	NA	NA	1700	<0.2	4.43	<5
NA	NA	<1	NA	NA	1900	<0.2	<0.3	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.05	NA	<1	NA	NA	1840	<0.2	<0.3	1.914 j
<0.05	NA	<1	NA	NA	256	<0.2	0.212 j	<5
<0.05	NA	<1	NA	NA	289	<0.2	0.19 j	1.7 j
<0.05	NA	<1	NA	NA	286	<0.2	<0.3	<5
NA	NA	<1	NA	NA	293	<0.2	1.78	<5 B3
NA	NA	<1	NA	NA	306	<0.2	1.8	<5
0.054	NA	1.61	NA	NA	309	<0.2	2.09	<5
0.068	NA	1.44	NA	NA	316	<0.2	2.17	<5
NA	NA	<1	NA	NA	663	NA	0.219 j	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA

ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

Aluminum (0.1u)	Antimony (0.1u)	Arsenic (0.1u)	Barium (0.1u)	Beryllium (0.1u)	Boron (0.1u)	Cadmium (0.1u)	Chromium (0.1u)	Cobalt (0.1u)	Copper (0.1u)
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2840	4.18	578	225	<1	8160	<1	<1	<1	<1
2300	4.2	547	240	<0.2	8500	0.08	<0.5	<0.5	<1
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ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
NE	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

Iron (0.1u)	Lead (0.1u)	Manganese (0.1u)	Mercury (0.1u)	Molybdenum (0.1u)	Nickel (0.1u)	Selenium (0.1u)	Strontium (0.1u)	Thallium (0.1u)
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12100	<1	20800	<0.05	<1	502	<1	2010	<0.2
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80	<1	137	<0.05	6.24	<1	<1	268	0.21
67	<1	63	<0.05	3.98	<1	<1	277	<0.2
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113	<1	67	<0.05	5.59	<1	<1	154	<0.2
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136	<1	527	<0.05	9.89	<1	<1	217	<0.2
670	<0.1	670	<0.2	7.9	<0.5	<0.5	220	<0.1
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15	<1	160	<0.05	15.5	<1	2.97	895	<0.2
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

		RADIONUCLIDES					
ug/L	ug/L	pCi/L	pCi/L	pCi/L	ug/mL	ug/mL	ug/mL
NE	NE	NE	NE	5^	NE	NE	NE
NE	NE	NE	NE	5.45	NE	NE	NE
NE	NE	NE	NE	5.21	NE	NE	NE

		RADIONUCLIDES					
Vanadium (0.1u)	Zinc (0.1u)	Radium-226	Radium-228	Total Radium	Uranium-233	Uranium-234	Uranium-236
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.577	2.37	2.947	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.269	<1	0.269	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.25 U	-0.073 U	0.177	NA	NA	NA
NA	NA	0.52 U	0.0872 U	0.6072	NA	NA	NA
NA	NA	0.142 U	0.0895 U	0.2315	NA	NA	NA
NA	NA	0.469	0.467	0.936	NA	NA	NA
NA	NA	0.336 U	-0.064 U	0.272	NA	NA	NA
NA	NA	0.129 U	-0.153 U	0.129	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.558	<3	0.558	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.485	1.03	1.515	<0.00005	<0.00005	<0.00005
NA	NA	0.826	1.45	2.276	<0.00005	<0.00005	<0.00005
NA	NA	0.694	1.03	1.724	<0.00005	<0.00005	<0.00005
NA	NA	<1	1.47	1.47	<0.00005	<0.00005	<0.00005
NA	NA	<1	1.69	1.69	NA	NA	NA

NA	NA	1.88	1	2.88	NA	NA	NA
NA	NA	1.7	1.02	2.72	NA	NA	NA
NA	NA	2.36	1.29	3.65	NA	NA	NA
NA	NA	0.48	1.12	1.6	NA	NA	NA
NA	NA	0.0522 U	1.18	1.2322	NA	NA	NA
NA	NA	0.549	0.962	1.511	NA	NA	NA
NA	NA	0.194 U	1.33	1.524	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
29.3	<5	NA	NA	NA	NA	NA	NA
9.9	<10	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.26	0.916	2.176	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.756	0.756	<0.00005	<0.00005	<0.00005
NA	NA	0.735	0.931	1.666	<0.00005	<0.00005	<0.00005
NA	NA	0.346	0.477	0.823	NA	NA	NA
NA	NA	0.823	<1	0.823	NA	NA	NA
NA	NA	0.541	-0.116 U	0.425	NA	NA	NA
NA	NA	0.276 U	-0.129 U	0.147	NA	NA	NA
NA	NA	0.131 U	0.345 U	0.476	NA	NA	NA
NA	NA	0.588	0.655	1.243	NA	NA	NA
NA	NA	0.307 U	0.429 U	0.736	NA	NA	NA
NA	NA	0.121 U	0.142 U	0.263	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1.76	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.609	1.54	2.149	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.769	0.508	1.277	<0.00005	<0.00005	<0.00005
NA	NA	0.514	0.597	1.111	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.07	0.458 U	1.528	NA	NA	NA
NA	NA	-0.0403 U	0.24 U	0.1997	NA	NA	NA
NA	NA	0.346	0.492	0.838	NA	NA	NA
NA	NA	0.577	0.451 U	1.028	NA	NA	NA
NA	NA	0.65	0.864	1.514	NA	NA	NA
NA	NA	1.26	0.661 U	1.921	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
0.858	97	NA	NA	NA	NA	NA	NA
NA	NA	0.577	0.848	1.425	<0.00005	<0.00005	<0.00005

NA	NA	0.315	<1	0.315	<0.00005	<0.00005	<0.00005
NA	NA	<1	1.5	1.5	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
2.15	352	NA	NA	NA	NA	NA	NA
NA	NA	2.4	<1	2.4	<0.00005	<0.00005	<0.00005
NA	NA	1.08	1.08	2.16	<0.00005	<0.00005	<0.00005
NA	NA	<1	2.05	2.05	<0.00005	<0.00005	<0.00005
NA	NA	0.557	<1	0.557	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.23	<1	2.23	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.73	<1	1.73	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.567	<1	0.567	<0.00005	<0.00005	<0.00005
NA	NA	0.475	<1	0.475	<0.00005	<0.00005	<0.00005
NA	NA	0.434	1.04	1.474	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.414	<1	0.414	<0.00005	<0.00005	<0.00005
NA	NA	0.452	<1	0.452	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.587	<1	0.587	NA	NA	NA
NA	NA	0.154 U	0.33 U	0.484	NA	NA	NA
NA	NA	0.588	0.497 U	1.085	NA	NA	NA
NA	NA	0.204 U	0.539	0.743	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.319	<1	0.319	<0.00005	<0.00005	<0.00005
NA	NA	1.51	<1	1.51	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.379	<1	0.379	NA	NA	NA
NA	NA	1.59	0.327 U	1.917	NA	NA	NA
NA	NA	0.359	0.208 U	0.567	NA	NA	NA
NA	NA	0.0533 U	0.166 U	0.2193	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<0.3	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	1.86	1.86	<0.00005	<0.00005	<0.00005
NA	NA	1.13	<1	1.13	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.0379 U	-0.0107 U	0.0272	NA	NA	NA
NA	NA	0.248 U	0.26 U	0.508	NA	NA	NA
NA	NA	-0.0905 U	0.277 U	0.1865	NA	NA	NA
NA	NA	0.0538 U	0.322 U	0.3758	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	0.547	<1	0.547	<0.00005	<0.00005	0.00001 j
NA	NA	1.09	0.692	1.782	<0.00005	<0.00005	<0.00005
NA	NA	0.703	<1	0.703	<0.00005	<0.00005	<0.00005
NA	NA	0.322	0.44	0.762	<0.00005	<0.00005	<0.00005
NA	NA	0.47	<1	0.47	NA	NA	NA
NA	NA	1.19	<1	1.19	NA	NA	NA
NA	NA	0.329 U	-0.0308 U	0.2982	NA	NA	NA
NA	NA	0.765	0.397 U	1.162	NA	NA	NA
NA	NA	0.999	0.121 U	1.12	NA	NA	NA
NA	NA	0.23 U	0.328 U	0.558	NA	NA	NA
NA	NA	0.278 U	0.488 U	0.766	NA	NA	NA
NA	NA	0.519	0.0902 U	0.6092	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
0.683	<5	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.83	0.83	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.572	<1	0.572	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<0.3	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.27	<1	3.27	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.384	0.384	<0.00005	<0.00005	<0.00005
NA	NA	0.337	<1	0.337	<0.00005	<0.00005	<0.00005
NA	NA	1.9	<1	1.9	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.852	<3	0.852	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.452	0.762	1.214	<0.00005	<0.00005	<0.00005
NA	NA	1.01	<1	1.01	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.818	0.818	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<3	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	1.3	1.3	<0.00005	<0.00005	<0.00005
NA	NA	0.334	1	1.334	<0.00005	<0.00005	<0.00005
NA	NA	0.612	<1	0.612	<0.00005	<0.00005	<0.00005
NA	NA	0.3	0.69	0.99	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.845	<1	0.845	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.743	0.743	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.646	<1	0.646	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.656	<1	0.656	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.639	0.331 U	0.97	NA	NA	NA
NA	NA	0.34 U	0.212 U	0.552	NA	NA	NA
NA	NA	2.47	0.0409 U	2.5109	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.719	<3	0.719	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.78	1.67	**5.45**	<0.00005	<0.00005	<0.00005
NA	NA	1.23	<1	1.23	<0.00005	<0.00005	<0.00005
NA	NA	1.14	<1	1.14	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.41	<1	1.41	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.744	0.248 U	0.992	NA	NA	NA
NA	NA	1.27	0.182 U	1.452	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	-0.0234 U	-0.117 U	-0.1404	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.149 U	0.131 U	0.28	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.209 U	0.457 U	0.666	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.232 U	0.0316 U	0.2636	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	1.41	1.41	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.16	<3	2.16	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	1.09	<1	1.09	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.461	<1	0.461	<0.00005	<0.00005	<0.00005
NA	NA	0.262	<1	0.262	NA	NA	NA
NA	NA	0.882	<1	0.882	NA	NA	NA
NA	NA	2.3	0.359 U	2.659	NA	NA	NA
NA	NA	0.622	0.425 U	1.047	NA	NA	NA
NA	NA	0.094 U	0.029 U	0.123	NA	NA	NA
NA	NA	0.347	0.428	0.775	NA	NA	NA
NA	NA	0.177 U	0.332 U	0.509	NA	NA	NA
NA	NA	0.846 B	0.382 U	1.228	NA	NA	NA
NA	NA	2.7	<1	2.7	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.59	1.99	3.58	<0.00005	<0.00005	<0.00005
NA	NA	1.6	2.5	4.1	<0.00005	<0.00005	<0.00005
NA	NA	1.86	2.82	4.68	NA	NA	NA
NA	NA	1.79	2.05	3.84	NA	NA	NA
NA	NA	1.24	1.11	2.35	NA	NA	NA
NA	NA	3.55	2.37	**5.92**	NA	NA	NA
NA	NA	1.46	2.35	3.81	NA	NA	NA
NA	NA	0.673	1.51	2.183	NA	NA	NA
NA	NA	0.798	0.654	1.452	NA	NA	NA
NA	NA	0.538 U	0.82	1.358	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.291 U	0.606	0.897	NA	NA	NA
NA	NA	1.85	0.489 U	2.339	NA	NA	NA
NA	NA	1.59	1.17	2.76	NA	NA	NA
NA	NA	0.612	0.648	1.26	NA	NA	NA
NA	NA	0.551	1.05	1.601	NA	NA	NA
NA	NA	0.901 B	0.555 U	1.456	NA	NA	NA
NA	NA	2.7	3.61	**6.31**	NA	NA	NA
NA	NA	2.44	1.66	4.1	NA	NA	NA
NA	NA	1.75	1.98	3.73	NA	NA	NA
NA	NA	1.29	2.6	3.89	NA	NA	NA
NA	NA	1.57	2.94	4.51	NA	NA	NA
NA	NA	2.43	1.33	3.76	NA	NA	NA

NA	NA	0.908	1.75	2.658	NA	NA	NA
NA	NA	0.804	1.62	2.424	NA	NA	NA
NA	NA	2.6	1.56	4.16	NA	NA	NA
NA	NA	1.42	1.71	3.13	NA	NA	NA
NA	NA	0.953	1.99	2.943	NA	NA	NA
NA	NA	0.813	0.927	1.74	NA	NA	NA
NA	NA	0.739	1.47	2.209	NA	NA	NA
NA	NA	0.75	0.754	1.504	NA	NA	NA
NA	NA	1.47	<3	1.47	NA	NA	NA
NA	NA	2.66	<1	2.66	NA	NA	NA
NA	NA	0.514	<1	0.514	NA	NA	NA
NA	NA	0.535	<1	0.535	NA	NA	NA
NA	NA	0.218	<1	0.218	NA	NA	NA
NA	NA	1.57	<1	1.57	NA	NA	NA
NA	NA	0.166	<1	0.166	NA	NA	NA
NA	NA	0.576	<1	0.576	NA	NA	NA
NA	NA	3.45	2.82	**6.27**	NA	NA	NA
NA	NA	1.36	-0.00854 U	1.35146	NA	NA	NA
NA	NA	1.09	0.00671 U	1.09671	NA	NA	NA
NA	NA	0.262 U	0.409 U	0.671	NA	NA	NA
NA	NA	0.538	-0.157 U	0.381	NA	NA	NA
NA	NA	0.327	0.032 U	0.359	NA	NA	NA
NA	NA	1.54	<3	1.54	NA	NA	NA
NA	NA	1.11	0.719	1.829	NA	NA	NA
NA	NA	2.91	<1	2.91	NA	NA	NA
NA	NA	0.637	<1	0.637	NA	NA	NA
NA	NA	1.05	0.558	1.608	NA	NA	NA
NA	NA	0.515	<1	0.515	NA	NA	NA
NA	NA	0.351	1.16	1.511	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.67	0.242 U	0.912	NA	NA	NA
NA	NA	0.253	0.053 U	0.306	NA	NA	NA
NA	NA	0.181 U	0.193 U	0.374	NA	NA	NA
NA	NA	0.438 U	0.37 U	0.808	NA	NA	NA
NA	NA	0.302 U	0.403 U	0.705	NA	NA	NA
NA	NA	0.677	<3	0.677	NA	NA	NA
NA	NA	1.07	1	2.07	NA	NA	NA
NA	NA	0.606	<1	0.606	NA	NA	NA
NA	NA	<1	2.5	2.5	NA	NA	NA
NA	NA	0.631	0.973	1.604	NA	NA	NA
NA	NA	0.273	<1	0.273	NA	NA	NA
NA	NA	0.433	<1	0.433	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	3.27	<1	3.27	NA	NA	NA

NA	NA	1.51	0.373 U	1.883	NA	NA	NA
NA	NA	1.02	0.517 U	1.537	NA	NA	NA
NA	NA	0.523	0.319 U	0.842	NA	NA	NA
NA	NA	0.414 U	0.236 U	0.65	NA	NA	NA
NA	NA	0.103 U	0.513 U	0.616	NA	NA	NA
NA	NA	1.18	3.49	4.67	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.69	<1	0.69	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.686	0.853	1.539	NA	NA	NA
NA	NA	1.23	<1	1.23	NA	NA	NA
NA	NA	0.947	<1	0.947	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	2.19	<1	2.19	NA	NA	NA
NA	NA	7.17	0.0258 U	**7.1958**	NA	NA	NA
NA	NA	0.719	0.0897 U	0.8087	NA	NA	NA
NA	NA	1.56	0.0537 U	1.6137	NA	NA	NA
NA	NA	0.549	0.451 U	1	NA	NA	NA
NA	NA	0.324	0.0493 U	0.3733	NA	NA	NA
NA	NA	0.198 U	0.0805 U	0.2785	NA	NA	NA
NA	NA	<1	<3	<RL	NA	NA	NA
NA	NA	0.614	<1	0.614	NA	NA	NA
NA	NA	0.314	<1	0.314	NA	NA	NA
NA	NA	<1	0.974	0.974	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.167	<1	0.167	NA	NA	NA
NA	NA	0.29	<1	0.29	NA	NA	NA
NA	NA	0.673	<1	0.673	NA	NA	NA
NA	NA	0.194 U	0.11 U	0.304	NA	NA	NA
NA	NA	0 U	0.384 U	0.384	NA	NA	NA
NA	NA	0.356	0.313 U	0.669	NA	NA	NA
NA	NA	0.206 U	0.181 U	0.387	NA	NA	NA
NA	NA	0.0736 U	-0.0656 U	0.0736	NA	NA	NA
NA	NA	3.61	<3	3.61	NA	NA	NA
NA	NA	<1	0.61	0.61	NA	NA	NA
NA	NA	0.584	<1	0.584	NA	NA	NA
NA	NA	0.526	<1	0.526	NA	NA	NA
NA	NA	0.705	<1	0.705	NA	NA	NA
NA	NA	0.748	<1	0.748	NA	NA	NA
NA	NA	0.305	0.807	1.112	NA	NA	NA
NA	NA	0.308	0.526	0.834	NA	NA	NA
NA	NA	0.859	0.891	1.75	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4.44	0.296 U	4.736	NA	NA	NA

NA	NA	0.201 U	1.05	1.251	NA	NA	NA
NA	NA	3.93	0.711 B	4.641	NA	NA	NA
NA	NA	0.0508 U	0.0835 U	0.1343	NA	NA	NA
NA	NA	0.347 U	0.382 U	0.729	NA	NA	NA
NA	NA	2.98	<3	2.98	NA	NA	NA
NA	NA	0.586	<1	0.586	NA	NA	NA
NA	NA	0.534	<1	0.534	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.388	<1	0.388	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.242	<1	0.242	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	4.35	0.135 U	4.485	NA	NA	NA
NA	NA	0.676	0.222 U	0.898	NA	NA	NA
NA	NA	0.669	0.0386 U	0.7076	NA	NA	NA
NA	NA	-0.0373 U	0.0621 U	0.0248	NA	NA	NA
NA	NA	-0.149 U	0.174 U	0.174	NA	NA	NA
NA	NA	2.98	<3	2.98	NA	NA	NA
NA	NA	<1	0.583	0.583	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	1.93	1.93	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.619	<1	0.619	NA	NA	NA
NA	NA	1.86	<1	1.86	NA	NA	NA
NA	NA	1.9	0.19 U	2.09	NA	NA	NA
NA	NA	1.62	0.808 U	2.428	NA	NA	NA
NA	NA	1.62	0.0095 U	1.6295	NA	NA	NA
NA	NA	1.13	0.164 U	1.294	NA	NA	NA
NA	NA	0.537	0.871	1.408	NA	NA	NA
NA	NA	1.73	<3	1.73	NA	NA	NA
NA	NA	0.261	<1	0.261	NA	NA	NA
NA	NA	0.986	<1	0.986	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.72	0.72	NA	NA	NA
NA	NA	0.459	<1	0.459	NA	NA	NA
NA	NA	0.218	<1	0.218	NA	NA	NA
NA	NA	<1	0.777	0.777	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	2.17	0.202 U	2.372	NA	NA	NA
NA	NA	0.343	-0.279 U	0.064	NA	NA	NA
NA	NA	0.234	0.0723 U	0.3063	NA	NA	NA
NA	NA	0.59	0.387 U	0.977	NA	NA	NA

NA	NA	0.208 U	0.249 U	0.457	NA	NA	NA
NA	NA	0.255 U	0.467 U	0.722	NA	NA	NA
NA	NA	2.98	<3	2.98	NA	NA	NA
NA	NA	0.502	<1	0.502	NA	NA	NA
NA	NA	0.308	<1	0.308	NA	NA	NA
NA	NA	<1	0.629	0.629	NA	NA	NA
NA	NA	<1	0.923	0.923	NA	NA	NA
NA	NA	<1	0.45	0.45	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.759	0.759	NA	NA	NA
NA	NA	1.82	0.476	2.296	NA	NA	NA
NA	NA	1.41	0.415 U	1.825	NA	NA	NA
NA	NA	0.736	-0.0499 U	0.6861	NA	NA	NA
NA	NA	0.349 U	0.111 U	0.46	NA	NA	NA
NA	NA	0.469	0.139 U	0.608	NA	NA	NA
NA	NA	1.43	0.0155 U	1.4455	NA	NA	NA
NA	NA	0.509 U	-0.0496 U	0.509	NA	NA	NA
NA	NA	2.64	<3	2.64	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.316	<1	0.316	NA	NA	NA
NA	NA	1.46	<1	1.46	NA	NA	NA
NA	NA	<1	0.587	0.587	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.767	0.767	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.2	0.433	1.633	NA	NA	NA
NA	NA	0.177 U	0.0252 U	0.2022	NA	NA	NA
NA	NA	0.364	0.275 U	0.639	NA	NA	NA
NA	NA	0.618	-0.0628 U	0.5552	NA	NA	NA
NA	NA	0.8	0.428 U	1.228	NA	NA	NA
NA	NA	0.685	4.44	**5.125**	NA	NA	NA
NA	NA	0.633	<1	0.633	NA	NA	NA
NA	NA	<1	0.522	0.522	NA	NA	NA
NA	NA	<1	0.693	0.693	NA	NA	NA
NA	NA	0.337	<1	0.337	NA	NA	NA
NA	NA	0.778	0.642	1.42	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.48	<1	1.48	NA	NA	NA
NA	NA	0.163 U	0.16 U	0.323	NA	NA	NA
NA	NA	0.413	0.231 U	0.644	NA	NA	NA
NA	NA	0.512	0.333 U	0.845	NA	NA	NA
NA	NA	0.487	0.317 U	0.804	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	0.527	0.124 U	0.651	NA	NA	NA
NA	NA	<1	3.82	3.82	NA	NA	NA
NA	NA	0.919	<1	0.919	NA	NA	NA
NA	NA	3	<1	3	NA	NA	NA
NA	NA	0.83	0.634	1.464	NA	NA	NA
NA	NA	0.435	0.477	0.912	NA	NA	NA
NA	NA	0.306	<1	0.306	NA	NA	NA
NA	NA	0.577	<1	0.577	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.63	<1	1.63	NA	NA	NA
NA	NA	0.771	0.611	1.382	NA	NA	NA
NA	NA	0.227	0.343 U	0.57	NA	NA	NA
NA	NA	0.972	0.172 U	1.144	NA	NA	NA
NA	NA	0.366	-0.0152 U	0.3508	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.14	-0.0413 U	1.14	NA	NA	NA
NA	NA	3.17	<3	3.17	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.228	<1	0.228	NA	NA	NA
NA	NA	1.25	<1	1.25	NA	NA	NA
NA	NA	0.208	<1	0.208	NA	NA	NA
NA	NA	0.159	<1	0.159	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.757	<1	0.757	NA	NA	NA
NA	NA	0.802	0.11 U	0.912	NA	NA	NA
NA	NA	0.628	0.252 U	0.88	NA	NA	NA
NA	NA	0.572	0.279 U	0.851	NA	NA	NA
NA	NA	0.17 U	0.326 U	0.496	NA	NA	NA
NA	NA	0.708	0.154 U	0.862	NA	NA	NA
NA	NA	0.145 U	0.276 U	0.421	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.37	0.621	3.991	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.325 U	0.326 U	0.651	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.19 U	0.219 U	0.409	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.68	0.0553 U	3.7353	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.379 U	0.449	0.828	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	0.444 U	-0.162 U	0.444	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.12	<3	3.12	NA	NA	NA
NA	NA	1.04	<1	1.04	NA	NA	NA
NA	NA	0.355	<1	0.355	NA	NA	NA
NA	NA	0.251	<1	0.251	NA	NA	NA
NA	NA	0.906	<1	0.906	NA	NA	NA
NA	NA	1.22	<1	1.22	NA	NA	NA
NA	NA	<1	0.479	0.479	NA	NA	NA
NA	NA	0.336	1.71	2.046	NA	NA	NA
NA	NA	0.668	<1	0.668	NA	NA	NA
NA	NA	0.616	0.192 U	0.808	NA	NA	NA
NA	NA	2.45 D6	-0.00869 U	2.44131	NA	NA	NA
NA	NA	1.16	0.311 U	1.471	NA	NA	NA
NA	NA	2.22	0.367 U	2.587	NA	NA	NA
NA	NA	0.137 U	0.487 U	0.624	NA	NA	NA
NA	NA	3.58	<3	3.58	NA	NA	NA
NA	NA	4.83	1.04	**5.87**	NA	NA	NA
NA	NA	0.408	<1	0.408	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.72	0.698	1.418	NA	NA	NA
NA	NA	0.902	<1	0.902	NA	NA	NA
NA	NA	0.909	1.19	2.099	NA	NA	NA
NA	NA	0.755	0.738	1.493	NA	NA	NA
NA	NA	1.09	0.742	1.832	NA	NA	NA
NA	NA	0.231 U	0.518	0.749	NA	NA	NA
NA	NA	1.16	0.387 U	1.547	NA	NA	NA
NA	NA	1.95	0.275 U	2.225	NA	NA	NA
NA	NA	0.164 U	0.574	0.738	NA	NA	NA
NA	NA	0.372	0.778	1.15	NA	NA	NA
NA	NA	0.688	<3	0.688	NA	NA	NA
NA	NA	1.42	<1	1.42	NA	NA	NA
NA	NA	0.486	<1	0.486	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	47.6	<1	**47.6**	NA	NA	NA
NA	NA	0.208	<1	0.208	NA	NA	NA
NA	NA	0.456	<1	0.456	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.976	0.255 U	1.231	NA	NA	NA
NA	NA	0.648	0.107 U	0.755	NA	NA	NA
NA	NA	0.308	0.292 U	0.6	NA	NA	NA
NA	NA	0.781	0.194 U	0.975	NA	NA	NA
NA	NA	0.339 U	0.393 U	0.732	NA	NA	NA
NA	NA	0.294	0.0728 U	0.3668	NA	NA	NA

NA	NA	0.526	<3	0.526	NA	NA	NA
NA	NA	6.2	<1	**6.2**	NA	NA	NA
NA	NA	0.938	<1	0.938	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.26	<1	1.26	NA	NA	NA
NA	NA	0.401	2.02	2.421	NA	NA	NA
NA	NA	0.551	<1	0.551	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.6	0.18 U	1.78	NA	NA	NA
NA	NA	1.38	0.2 U	1.58	NA	NA	NA
NA	NA	0.175 U	0.415 U	0.59	NA	NA	NA
NA	NA	1 D6	0.379 U,D6	1.379	NA	NA	NA
NA	NA	0.119 U	-0.123 U	-0.004	NA	NA	NA
NA	NA	0.363	0.0219 U	0.3849	NA	NA	NA
NA	NA	0.843	2.6	3.443	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.534	<1	0.534	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.887	<1	0.887	NA	NA	NA
NA	NA	1.3	<1	1.3	NA	NA	NA
NA	NA	0.272	<1	0.272	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.12	<1	1.12	NA	NA	NA
NA	NA	2.85	0.0921 U	2.9421	NA	NA	NA
NA	NA	1.57	0.481	2.051	NA	NA	NA
NA	NA	0.0558 U	-0.0677 U	-0.0119	NA	NA	NA
NA	NA	1.82	0.46 U,D6	2.28	NA	NA	NA
NA	NA	0.772	0.227 U	0.999	NA	NA	NA
NA	NA	0.423 B	0.327 U	0.75	NA	NA	NA
NA	NA	1.72	<3	1.72	NA	NA	NA
NA	NA	0.407	1.2	1.607	NA	NA	NA
NA	NA	1.06	<1	1.06	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.2	1.19	2.39	NA	NA	NA
NA	NA	0.712	<1	0.712	NA	NA	NA
NA	NA	0.343	<1	0.343	NA	NA	NA
NA	NA	0.736	<1	0.736	NA	NA	NA
NA	NA	2.27	<1	2.27	NA	NA	NA
NA	NA	6.03	0.0679 U	**6.0979**	NA	NA	NA
NA	NA	0.938	0.156 U	1.094	NA	NA	NA
NA	NA	0.188 U	0.0884 U	0.2764	NA	NA	NA
NA	NA	1.19	0.445 U	1.635	NA	NA	NA
NA	NA	0.148 U	0.182 U	0.33	NA	NA	NA
NA	NA	0.202 U	0.247 U	0.449	NA	NA	NA

NA	NA	0.586	1.73	2.316	NA	NA	NA
NA	NA	0.661	0.807	1.468	NA	NA	NA
NA	NA	<1	0.926	0.926	NA	NA	NA
NA	NA	0.281	<1	0.281	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.595	<1	0.595	NA	NA	NA
NA	NA	0.488	<1	0.488	NA	NA	NA
NA	NA	0.184	<1	0.184	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.278	0.132 U	0.41	NA	NA	NA
NA	NA	0.449	0.145 U	0.594	NA	NA	NA
NA	NA	0.497	0.543 U	1.04	NA	NA	NA
NA	NA	0.149 U	0.495	0.644	NA	NA	NA
NA	NA	0.303 B	0.0621 U	0.3651	NA	NA	NA
NA	NA	3.07	<3	3.07	NA	NA	NA
NA	NA	0.758	<1	0.758	NA	NA	NA
NA	NA	6	<1	**6**	NA	NA	NA
NA	NA	0.571	<1	0.571	NA	NA	NA
NA	NA	1.3	<1	1.3	NA	NA	NA
NA	NA	0.685	<1	0.685	NA	NA	NA
NA	NA	<1	0.826	0.826	NA	NA	NA
NA	NA	0.248	<1	0.248	NA	NA	NA
NA	NA	2.01	<1	2.01	NA	NA	NA
NA	NA	3.02	-0.0392 U	2.9808	NA	NA	NA
NA	NA	2.47	0.203 U	2.673	NA	NA	NA
NA	NA	3.1	0.158 U	3.258	NA	NA	NA
NA	NA	0.151 U	0.438	0.589	NA	NA	NA
NA	NA	0.279 U	0.428 S1	0.707	NA	NA	NA
NA	NA	1.28	1.04	2.32	NA	NA	NA
NA	NA	3.13	1.31	4.44	NA	NA	NA
NA	NA	1.14	1.6	2.74	NA	NA	NA
NA	NA	1.13	1.49	2.62	NA	NA	NA
NA	NA	1.58	3.2	4.78	NA	NA	NA
NA	NA	0.609	1.47	2.079	NA	NA	NA
NA	NA	1.37	1.14	2.51	NA	NA	NA
NA	NA	0.715	1.28	1.995	NA	NA	NA
NA	NA	2.22	1.48	3.7	NA	NA	NA
NA	NA	0.733	1.68	2.413	NA	NA	NA
NA	NA	0.357	1.25	1.607	NA	NA	NA
NA	NA	3.6	1.43	**5.03**	NA	NA	NA
NA	NA	2.65	1.63	4.28	NA	NA	NA
NA	NA	0.658 B	1.25	1.908	NA	NA	NA
NA	NA	1.86	4.23	**6.09**	NA	NA	NA
NA	NA	6.61	2.07	**8.68**	NA	NA	NA
NA	NA	1.92	2	3.92	NA	NA	NA

NA	NA	1.3	1.81	3.11	NA	NA	NA
NA	NA	1.52	4.15	**5.67**	NA	NA	NA
NA	NA	0.778	1.32	2.098	NA	NA	NA
NA	NA	0.728	2	2.728	NA	NA	NA
NA	NA	0.938	1.06	1.998	NA	NA	NA
NA	NA	1.32	1.42	2.74	NA	NA	NA
NA	NA	3.51	0.531 U	4.041	NA	NA	NA
NA	NA	0.69	1.43	2.12	NA	NA	NA
NA	NA	0.773	1.15	1.923	NA	NA	NA
NA	NA	1.24	1.44	2.68	NA	NA	NA
NA	NA	1.01	0.748	1.758	NA	NA	NA
NA	NA	1.08	<3	1.08	NA	NA	NA
NA	NA	0.429	<1	0.429	NA	NA	NA
NA	NA	0.564	<1	0.564	NA	NA	NA
NA	NA	0.949	<1	0.949	NA	NA	NA
NA	NA	0.362	<1	0.362	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.064 U	0.159 U	0.223	NA	NA	NA
NA	NA	0.0872 U	-0.28 U	-0.1928	NA	NA	NA
NA	NA	0.354 U	-0.267 U	0.087	NA	NA	NA
NA	NA	0.263	-0.00842 U	0.25458	NA	NA	NA
NA	NA	0.0526 U	0.224 U	0.2766	NA	NA	NA
NA	NA	1.13	<3	1.13	NA	NA	NA
NA	NA	1.17	0.646	1.816	NA	NA	NA
NA	NA	1.01	<1	1.01	NA	NA	NA
NA	NA	0.589	0.563	1.152	NA	NA	NA
NA	NA	0.74	1.31	2.05	NA	NA	NA
NA	NA	0.704	0.928	1.632	NA	NA	NA
NA	NA	0.979	1.44	2.419	NA	NA	NA
NA	NA	<1	0.566	0.566	NA	NA	NA
NA	NA	7.32	<1	**7.32**	NA	NA	NA
NA	NA	2.86	0.186 U	3.046	NA	NA	NA
NA	NA	0.45	0.616	1.066	NA	NA	NA
NA	NA	0.478 U	0.49	0.968	NA	NA	NA
NA	NA	1.28	0.563	1.843	NA	NA	NA
NA	NA	0.382 B	0.398 U	0.78	NA	NA	NA
NA	NA	0.661	3.28	3.941	NA	NA	NA
NA	NA	0.259	<1	0.259	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.574	<1	0.574	NA	NA	NA
NA	NA	<1	0.813	0.813	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA

NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.188	<1	0.188	NA	NA	NA
NA	NA	<1	0.86	0.86	NA	NA	NA
NA	NA	2.65	0.896	3.546	NA	NA	NA
NA	NA	0.108 U	0.173 U	0.281	NA	NA	NA
NA	NA	0.318 U	0.187 U	0.505	NA	NA	NA
NA	NA	0.225 U	0.111 U	0.336	NA	NA	NA
NA	NA	0.145 U	0.21 U	0.355	NA	NA	NA
NA	NA	0.959	<3	0.959	NA	NA	NA
NA	NA	0.545	<1	0.545	NA	NA	NA
NA	NA	0.738	0.533	1.271	NA	NA	NA
NA	NA	0.274	0.861	1.135	NA	NA	NA
NA	NA	0.651	<1	0.651	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.803	0.803	NA	NA	NA
NA	NA	0.285	<1	0.285	NA	NA	NA
NA	NA	0.854	<1	0.854	NA	NA	NA
NA	NA	2.97	0.0234 U	2.9934	NA	NA	NA
NA	NA	0.17 U	0.38 U	0.55	NA	NA	NA
NA	NA	0.187 U	0.472 U	0.659	NA	NA	NA
NA	NA	0.883	0.303 U	1.186	NA	NA	NA
NA	NA	0.798 S1	0.523	1.321	NA	NA	NA
NA	NA	0.167 U	0.164 U	0.331	NA	NA	NA
NA	NA	0.413	1.78	2.193	NA	NA	NA
NA	NA	0.981	<1	0.981	NA	NA	NA
NA	NA	0.477	<1	0.477	NA	NA	NA
NA	NA	1.09	<1	1.09	NA	NA	NA
NA	NA	<1	2.38	2.38	NA	NA	NA
NA	NA	0.664	<1	0.664	NA	NA	NA
NA	NA	0.279	<1	0.279	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.0623 U	0.279 U	0.3413	NA	NA	NA
NA	NA	0.0803 U	0.164 U	0.2443	NA	NA	NA
NA	NA	0.683	0.673	1.356	NA	NA	NA
NA	NA	0.415	0.215 U	0.63	NA	NA	NA
NA	NA	0.265 U	0.213 U	0.478	NA	NA	NA
NA	NA	0.784	1.6	2.384	NA	NA	NA
NA	NA	1.22	0.813	2.033	NA	NA	NA
NA	NA	0.56	0.744	1.304	NA	NA	NA
NA	NA	0.693	1.31	2.003	NA	NA	NA
NA	NA	1.12	0.521	1.641	NA	NA	NA
NA	NA	1.1	0.619	1.719	NA	NA	NA
NA	NA	0.318	<1	0.318	NA	NA	NA
NA	NA	1.6	1.41	3.01	NA	NA	NA

NA	NA	3.28	0.532	3.812	NA	NA	NA
NA	NA	0.869	0.881	1.75	NA	NA	NA
NA	NA	0.775	0.528	1.303	NA	NA	NA
NA	NA	2.28	0.966	3.246	NA	NA	NA
NA	NA	1.91	0.312 U	2.222	NA	NA	NA
NA	NA	0.122 U	0.944	1.066	NA	NA	NA
NA	NA	<1	<3	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.496	0.909	1.405	NA	NA	NA
NA	NA	0.483	0.847	1.33	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.213	<1	0.213	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.5	0.5	NA	NA	NA
NA	NA	0.629	0.303 U	0.932	NA	NA	NA
NA	NA	0.248	0.561	0.809	NA	NA	NA
NA	NA	1.41	0.388 U	1.798	NA	NA	NA
NA	NA	0.471	0.238 U	0.709	NA	NA	NA
NA	NA	0.321 U	0.198 U	0.519	NA	NA	NA
NA	NA	1.08	<3	1.08	NA	NA	NA
NA	NA	0.625	<1	0.625	NA	NA	NA
NA	NA	0.631	0.774	1.405	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	3.42	<1	3.42	NA	NA	NA
NA	NA	0.608	<1	0.608	NA	NA	NA
NA	NA	0.328	<1	0.328	NA	NA	NA
NA	NA	1.45	<1	1.45	NA	NA	NA
NA	NA	4.5	<1	4.5	NA	NA	NA
NA	NA	3.6	0.478	4.078	NA	NA	NA
NA	NA	1.43	0.103 U	1.533	NA	NA	NA
NA	NA	2.85	0.577 U	3.427	NA	NA	NA
NA	NA	2.34	0.448 U	2.788	NA	NA	NA
NA	NA	0.719	-0.0275 U	0.719	NA	NA	NA
NA	NA	0.613	<3	0.613	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.557	1.91	2.467	NA	NA	NA
NA	NA	<1	0.603	0.603	NA	NA	NA
NA	NA	1.3	<1	1.3	NA	NA	NA
NA	NA	0.669	-0.185 U	0.484	NA	NA	NA
NA	NA	2.17	0.0474 U	2.2174	NA	NA	NA

NA	NA	0.789	0.737	1.526	NA	NA	NA
NA	NA	0.345 U	0.386 U	0.731	NA	NA	NA
NA	NA	0.333	0.0836 U	0.4166	NA	NA	NA
NA	NA	1.88	<3	1.88	NA	NA	NA
NA	NA	0.89	<1	0.89	NA	NA	NA
NA	NA	0.729	<1	0.729	NA	NA	NA
NA	NA	0.88	<1	0.88	NA	NA	NA
NA	NA	2.73	<1	2.73	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.262	<1	0.262	NA	NA	NA
NA	NA	0.302	<1	0.302	NA	NA	NA
NA	NA	1.74	<1	1.74	NA	NA	NA
NA	NA	3.86	0.075 U	3.935	NA	NA	NA
NA	NA	0.967	-0.0512 U	0.9158	NA	NA	NA
NA	NA	2.79	0.0558 U	2.8458	NA	NA	NA
NA	NA	2.3	0.0671 U	2.3671	NA	NA	NA
NA	NA	0.442 B	0.528	0.97	NA	NA	NA
NA	NA	2.47	<3	2.47	NA	NA	NA
NA	NA	1.02	<1	1.02	NA	NA	NA
NA	NA	12.9	<1	**12.9**	NA	NA	NA
NA	NA	0.914	<1	0.914	NA	NA	NA
NA	NA	1.57	<1	1.57	NA	NA	NA
NA	NA	0.445	<1	0.445	NA	NA	NA
NA	NA	0.45	<1	0.45	NA	NA	NA
NA	NA	<1	0.431	0.431	NA	NA	NA
NA	NA	2.4	<1	2.4	NA	NA	NA
NA	NA	-0.0666 U	0.411 U	0.3444	NA	NA	NA
NA	NA	1.72	0.182 U	1.902	NA	NA	NA
NA	NA	1.62	1.06	2.68	NA	NA	NA
NA	NA	2.99	0.313 U	3.303	NA	NA	NA
NA	NA	0.427 B	0.126 U	0.553	NA	NA	NA
NA	NA	1.22	<3	1.22	NA	NA	NA
NA	NA	0.423	<1	0.423	NA	NA	NA
NA	NA	0.604	0.682	1.286	NA	NA	NA
NA	NA	1.03	1.01	2.04	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.766	1.28	2.046	NA	NA	NA
NA	NA	0.538	0.592	1.13	NA	NA	NA
NA	NA	0.906	<1	0.906	NA	NA	NA
NA	NA	2.21	0.5	2.71	NA	NA	NA
NA	NA	0.395	-0.0731 U	0.3219	NA	NA	NA
NA	NA	0.924	0.548	1.472	NA	NA	NA
NA	NA	0.186 U	0.315 U	0.501	NA	NA	NA
NA	NA	0.36 B	0.153 U	0.513	NA	NA	NA

NA	NA	1.23	<3	1.23	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.91	0.645	2.555	NA	NA	NA
NA	NA	0.841	<1	0.841	NA	NA	NA
NA	NA	1.15	1.06	2.21	NA	NA	NA
NA	NA	0.51	<1	0.51	NA	NA	NA
NA	NA	<1	0.716	0.716	NA	NA	NA
NA	NA	0.292	<1	0.292	NA	NA	NA
NA	NA	3.27	<1	3.27	NA	NA	NA
NA	NA	14.2	-0.138 U	**14.062**	NA	NA	NA
NA	NA	0.782	-0.25 U	0.532	NA	NA	NA
NA	NA	3.9	0.32 U	4.22	NA	NA	NA
NA	NA	1.28	0.119 U	1.399	NA	NA	NA
NA	NA	0.41 B	0.268 U	0.678	NA	NA	NA
NA	NA	0.597	<3	0.597	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.635	<1	0.635	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.01	0.45	1.46	NA	NA	NA
NA	NA	<1	0.925	0.925	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.72	0.72	NA	NA	NA
NA	NA	0.362	0.19 U	0.552	NA	NA	NA
NA	NA	0.255	0.589	0.844	NA	NA	NA
NA	NA	0.42 U	0.715	1.135	NA	NA	NA
NA	NA	0.263 U	0.382 U	0.645	NA	NA	NA
NA	NA	0.366 U	0.527 U	0.893	NA	NA	NA
NA	NA	0.894	<3	0.894	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.369	<1	0.369	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.305	1.32	1.625	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.739	0.739	NA	NA	NA
NA	NA	0.512	0.226 U	0.738	NA	NA	NA
NA	NA	0.137 U,S1	0.00687 U	0.14387	NA	NA	NA
NA	NA	0.739 S1	0.115 U	0.854	NA	NA	NA
NA	NA	0.156 U	0.214 U	0.37	NA	NA	NA
NA	NA	0.251 U	0.0656 U	0.3166	NA	NA	NA
NA	NA	1.02	<3	1.02	NA	NA	NA
NA	NA	1.08	<1	1.08	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA

NA	NA	0.569	<1	0.569	NA	NA	NA
NA	NA	1.28	<1	1.28	NA	NA	NA
NA	NA	<1	0.396	0.396	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.665	0.665	NA	NA	NA
NA	NA	<1	0.384	0.384	NA	NA	NA
NA	NA	0.478	0.242 U	0.72	NA	NA	NA
NA	NA	0.49	0.203 U	0.693	NA	NA	NA
NA	NA	0.228 U	1.05	1.278	NA	NA	NA
NA	NA	0.0674 U	0.372 U	0.4394	NA	NA	NA
NA	NA	0.137 U	0.358 U	0.495	NA	NA	NA
NA	NA	0.82	<3	0.82	NA	NA	NA
NA	NA	1.15	<1	1.15	NA	NA	NA
NA	NA	0.447	<1	0.447	NA	NA	NA
NA	NA	1.14	<1	1.14	NA	NA	NA
NA	NA	6.01	<1	**6.01**	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.25	<1	1.25	NA	NA	NA
NA	NA	4.5	0.0815 U	4.5815	NA	NA	NA
NA	NA	0.355	0.176 U	0.531	NA	NA	NA
NA	NA	0.456 U,D6	-0.0284 U	0.4276	NA	NA	NA
NA	NA	0.888	0.425 U	1.313	NA	NA	NA
NA	NA	0.427	0.435 U	0.862	NA	NA	NA
NA	NA	1.68	<3	1.68	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.846	<1	0.846	NA	NA	NA
NA	NA	8.33	<1	**8.33**	NA	NA	NA
NA	NA	1.86	<1	1.86	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	4.63	0.423 U	**5.053**	NA	NA	NA
NA	NA	1.43	0.148 U	1.578	NA	NA	NA
NA	NA	0.807	0.171 U	0.978	NA	NA	NA
NA	NA	0.0365 U	0.309 U	0.3455	NA	NA	NA
NA	NA	0.0843 U	0.231 U	0.3153	NA	NA	NA
NA	NA	0.741	0.334 U	1.075	NA	NA	NA
NA	NA	0.413	0.18 U	0.593	NA	NA	NA
NA	NA	0.265 U	0.101 U	0.366	NA	NA	NA
NA	NA	0.504	-0.12 U	0.504	NA	NA	NA
NA	NA	0.328 U	0.0244 U	0.3524	NA	NA	NA
NA	NA	2.33	-0.152 U	2.33	NA	NA	NA

NA	NA	3.68	0.404 U	4.084	NA	NA	NA
NA	NA	0.571 U	-0.0808 U	0.571	NA	NA	NA
NA	NA	0.622	0.733	1.355	NA	NA	NA
NA	NA	0.647	0.511 U	1.158	NA	NA	NA
NA	NA	0.633	0.592	1.225	NA	NA	NA
NA	NA	0.621	-0.34 U	0.621	NA	NA	NA
NA	NA	2.01	0.131 U	2.141	NA	NA	NA
NA	NA	0.387 U	0.605 U	0.992	NA	NA	NA
NA	NA	0.339 U	0.383 U	0.722	NA	NA	NA
NA	NA	0.204 U	0.307 U	0.511	NA	NA	NA
NA	NA	0 U	-0.00284 U	0	NA	NA	NA
NA	NA	0.475 U	0.0633 U	0.5383	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.202 U	0.431 U	0.633	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.24	0.743	1.983	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.16	<1	0.16	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.199	<1	0.199	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.895	<1	0.895	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.78	-0.0366 U	2.7434	NA	NA	NA
NA	NA	0.481 U	-0.00157 U	0.47943	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.516	-0.127 U	0.389	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.17	0.0117 U	1.1817	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.316 U	0.0846 U	0.4006	NA	NA	NA

NA	NA	0.233 U	0.125 U	0.358	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.187 U	0.427 U	0.614	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.378 U	0.357 U	0.735	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.34	<1	1.34	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	1.03	1.03	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.11	<1	1.11	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.04	0.0723 U	1.1123	NA	NA	NA
NA	NA	0.71 U	2.32	3.03	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.43	0.327 U	1.757	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.383 U	0.173 U	0.556	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.203	0.255 U	0.458	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.199 U	-0.0128 U	0.199	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.23	0.692	1.922	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.403	<1	0.403	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.409 U	0.583	0.992	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.35 B	0.0148 U	2.3648	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	0.936	0.936	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.346	<1	0.346	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.734	0.734	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1.98	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.15	<1	2.15	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.04	<1	1.04	<0.00005	<0.00005	<0.00005
NA	NA	0.195	0.402	0.597	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.55	<1	3.55	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.73	<1	0.73	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.0789 U	0.406 U	0.4849	NA	NA	NA
NA	NA	0.477 U	-0.00253 U	0.47447	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.345	-0.0153 U	0.3297	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.447 U	0.142 U	0.589	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.229 U	0.475 U	0.704	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.415 B	0.248 U	0.663	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4.1	<3	4.1	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	4.57	4.57	NA	NA	NA
NA	NA	0.409	<1	0.409	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.28	<1	0.28	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.95	-0.0299 U	1.9201	NA	NA	NA
NA	NA	-0.0235 U	0.111 U	0.0875	NA	NA	NA
NA	NA	0.549	-0.0168 U	0.5322	NA	NA	NA
NA	NA	0.238 U	0.0425 U	0.2805	NA	NA	NA
NA	NA	0 U	-0.0222 U	0	NA	NA	NA
NA	NA	1.48	<3	1.48	NA	NA	NA

NA	NA	0.944	<1	0.944	NA	NA	NA
NA	NA	0.586	0.683	1.269	NA	NA	NA
NA	NA	0.431	<1	0.431	NA	NA	NA
NA	NA	0.463	<1	0.463	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.401	<1	0.401	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.869	<1	0.869	NA	NA	NA
NA	NA	1.1	0 U	1.1	NA	NA	NA
NA	NA	0.701	0.499	1.2	NA	NA	NA
NA	NA	0.27	0.217 U	0.487	NA	NA	NA
NA	NA	-0.108 U	0.208 U	0.1	NA	NA	NA
NA	NA	0.258 U	0.0236 U	0.2816	NA	NA	NA
NA	NA	0.291 U	0.103 U	0.394	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.18	<3	1.18	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	58.8	<3	**58.8**	NA	NA	NA

NA	NA	1.45	<1	1.45	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.614	0.614	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.05	1.35	2.4	NA	NA	NA
NA	NA	0.383	<1	0.383	NA	NA	NA
NA	NA	0.582	0.624	1.206	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.215	0.76	0.975	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.33	<1	0.33	NA	NA	NA
NA	NA	7.99	<1	**7.99**	NA	NA	NA
NA	NA	<1	0.563	0.563	NA	NA	NA
NA	NA	5.45	<1	**5.45**	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	6.27	0.413 U	**6.683**	NA	NA	NA
NA	NA	0.596 U	-0.0885 U	0.5075	NA	NA	NA
NA	NA	0 U	0.376 U	0.376	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.15	0.179 U	1.329	NA	NA	NA
NA	NA	0.786	0.75	1.536	NA	NA	NA
NA	NA	0.744	0.266 U	1.01	NA	NA	NA
NA	NA	0.247 U	0.549 U	0.796	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.36	0.812	1.172	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.802	0.0249 U	0.8269	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.08	<1	2.08	<0.00005	<0.00005	<0.00005
NA	NA	1.27	<1	1.27	<0.00005	<0.00005	<0.00005
NA	NA	0.553	<1	0.553	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.68	0.875	4.555	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.62	0.912	2.532	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.533	<1	0.533	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.149 U	0.44 U	0.589	NA	NA	NA
NA	NA	0.265	0.583	0.848	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.308 U	0.363	0.671	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	11.8	<3	**11.8**	NA	NA	NA
NA	NA	2.57	<1	2.57	NA	NA	NA
NA	NA	0.35	<1	0.35	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.6	1.2	2.8	NA	NA	NA
NA	NA	<1	1.87	1.87	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.267	<1	0.267	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	2.32	<1	2.32	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.07	0.161 U	1.231	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.576 S1	0.384 U	0.96	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.37	0.224 U	0.594	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.324 U	0.134 U	0.458	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.123 U	0.163 U	0.286	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

NA	NA	1.47	<1	1.47	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.378	1.21	1.588	<0.00005	<0.00005	<0.00005
NA	NA	0.919	<1	0.919	NA	NA	NA
NA	NA	<1	0.558	0.558	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.381	1.2	1.581	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.237	0.77	1.007	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.85	0.332 U	4.182	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.226 U	0.576	0.802	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.574	0.363 U	0.937	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.424 U	0.39 U	0.814	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.315 U	0.363 U	0.678	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	1.44	1.44	<0.00005	<0.00005	<0.00005
6.82	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	0.696	0.696	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.807	<1	0.807	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	0.886	0.886	<0.00005	<0.00005	<0.00005
NA	NA	0.474	0.581	1.055	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.455	<1	0.455	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.245 U	0.0529 U	0.2979	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.0547 U	0.00991 U	0.06461	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.29	0.608	0.898	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.621	<1	0.621	<0.00005	<0.00005	<0.00005
NA	NA	0.592	<1	0.592	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.485	1.77	2.255	<0.00005	<0.00005	<0.00005
NA	NA	0.364	1.2	1.564	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.306	<1	0.306	<0.00005	<0.00005	<0.00005
NA	NA	0.676	0.601	1.277	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.398	0.574	0.972	NA	NA	NA
NA	NA	0.541	1.05	1.591	NA	NA	NA
NA	NA	0.328 U	0.426	0.754	NA	NA	NA
NA	NA	0.308 U	-0.0169 U	0.308	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	1.24	1.24	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.451	<1	0.451	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.166 U	0.844	1.01	NA	NA	NA
NA	NA	0.35	0.767	1.117	NA	NA	NA
NA	NA	0.605	0.755	1.36	NA	NA	NA
NA	NA	0.463	0.473	0.936	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.69	<3	2.69	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	1.48	1.48	NA	NA	NA
NA	NA	0.827	<1	0.827	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.347	<1	0.347	NA	NA	NA
NA	NA	0.366	<1	0.366	NA	NA	NA
NA	NA	1.13	<1	1.13	NA	NA	NA
NA	NA	3.44	<1	3.44	NA	NA	NA
NA	NA	1.04	0.381 U	1.421	NA	NA	NA
NA	NA	3.31	0.31 U	3.62	NA	NA	NA
NA	NA	0.0857 U	0.363 U	0.4487	NA	NA	NA
NA	NA	2.61	0.121 U	2.731	NA	NA	NA
NA	NA	0.878	0.292 U	1.17	NA	NA	NA
NA	NA	2.09	0.43 U	2.52	NA	NA	NA
NA	NA	0.12 U	0.0138 U	0.1338	NA	NA	NA
NA	NA	0.069 U	0.0143 U	0.0833	NA	NA	NA
NA	NA	0.438 U	-0.061 U	0.377	NA	NA	NA
NA	NA	0.273 U	0.314 U	0.587	NA	NA	NA
NA	NA	0.549 B	0.471 U	1.02	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.447	0.776	1.223	<0.00005	<0.00005	<0.00005
NA	NA	1.03	<1	1.03	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.849	<1	0.849	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
13.1	<5	NA	NA	NA	NA	NA	NA

13.8	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	1.13	<1	1.13	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.863	0.863	<0.00005	<0.00005	<0.00005
NA	NA	0.268	<1	0.268	NA	NA	NA
NA	NA	1.34	0.59	1.93	NA	NA	NA
NA	NA	0.671	0.0105 U	0.6815	NA	NA	NA
NA	NA	2.07	-0.0205 U	2.0495	NA	NA	NA
NA	NA	0.48	-0.0637 U	0.4163	NA	NA	NA
NA	NA	0.167 U	0.453 U	0.62	NA	NA	NA
NA	NA	0.259 U	0.0645 U	0.3235	NA	NA	NA
NA	NA	0.151 U	-0.144 U	0.151	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
4.62	13	NA	NA	NA	NA	NA	NA
4.59	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.573	<1	0.573	<0.00005	<0.00005	<0.00005
NA	NA	1.22	<1	1.22	<0.00005	<0.00005	<0.00005
NA	NA	0.414	<1	0.414	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	0	NA	NA	NA
NA	NA	1.21	0.89	2.1	<0.00005	<0.00005	<0.00005
NA	NA	0.651	<1	0.651	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
0.455	<5	NA	NA	NA	NA	NA	NA
1.59	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	0.787	0.787	<0.00005	<0.00005	<0.00005
NA	NA	0.796	<1	0.796	<0.00005	<0.00005	<0.00005
NA	NA	0.472	<1	0.472	<0.00005	<0.00005	<0.00005
NA	NA	0.577	<1	0.577	NA	NA	NA
NA	NA	0.667	1.72	2.387	NA	NA	NA
NA	NA	0.0784 U	1.61	1.6884	NA	NA	NA
NA	NA	0.357 U	1.01	1.367	NA	NA	NA
NA	NA	0.793	0.629	1.422	NA	NA	NA

NA	NA	0.182 U	1.62	1.802	NA	NA	NA
NA	NA	1.19	1.29	2.48	NA	NA	NA
NA	NA	0.523 U	0.627	1.15	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
9.73	<5	NA	NA	NA	NA	NA	NA
8.33	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	1.58	<1	1.58	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.706	<1	0.706	NA	NA	NA
NA	NA	0.0813 U	0.123 U	0.2043	NA	NA	NA
NA	NA	0.327 U	0.0181 U	0.3451	NA	NA	NA
NA	NA	0.195 U	0.0308 U	0.2258	NA	NA	NA
NA	NA	0.292	0.266 U	0.558	NA	NA	NA
NA	NA	0.342 U	-0.156 U	0.186	NA	NA	NA
NA	NA	0.0423 U	0.385 U	0.4273	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<0.3	<5	NA	NA	NA	NA	NA	NA
NA	NA	0.572	<1	0.572	<0.00005	<0.00005	0.000023 j
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0 U	0.35 U	0.35	NA	NA	NA
NA	NA	0.131 U	0.418 U	0.549	NA	NA	NA
NA	NA	0.272 U	0.0355 U	0.3075	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
5.9	<5	NA	NA	NA	NA	NA	NA
NA	NA	0.279	1.31	1.589	<0.00005	<0.00005	0.000011 j
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	1.71	0.779	2.489	<0.00005	<0.00005	<0.00005
NA	NA	0.469	<1	0.469	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.87	<1	1.87	NA	NA	NA
NA	NA	0.288 U	-0.0104 U	0.2776	NA	NA	NA
NA	NA	0.34	-0.0558 U	0.2842	NA	NA	NA
NA	NA	0.393 B	0.311 U	0.704	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.546	<1	0.546	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.605	<1	0.605	<0.00005	<0.00005	<0.00005
NA	NA	0.954	<1	0.954	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.148 U	0.336 U	0.484	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.267 U	0.599	0.866	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.525	<1	0.525	<0.00005	<0.00005	<0.00005
NA	NA	<1	1.33	1.33	<0.00005	<0.00005	<0.00005
NA	NA	1.01	<1	1.01	<0.00005	<0.00005	<0.00005
NA	NA	0.702	<1	0.702	<0.00005	<0.00005	<0.00005
NA	NA	0.573	<1	0.573	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	-0.0332 U	0.0311 U	-0.0021	NA	NA	NA
NA	NA	0.285 U	0.326 U	0.611	NA	NA	NA
NA	NA	0.042 U	0.297 U	0.339	NA	NA	NA
NA	NA	0.222 U	0.616	0.838	NA	NA	NA
NA	NA	1.59	-0.23 U	1.36	NA	NA	NA

NA	NA	0.756	0.208 U	0.964	NA	NA	NA
NA	NA	0.146 U	0.301 U	0.447	NA	NA	NA
NA	NA	0.416 U	-0.236 U	0.416	NA	NA	NA
NA	NA	0.739	0.56	1.299	NA	NA	NA
NA	NA	2.08	0.768	2.848	NA	NA	NA
NA	NA	0.123 U	0.49 U	0.613	NA	NA	NA
NA	NA	0.392 U	0.202 U	0.594	NA	NA	NA
NA	NA	0.105 U	0.46 U	0.565	NA	NA	NA
NA	NA	2.67	0.504	3.174	NA	NA	NA
NA	NA	0.379 U	-0.0154 U	0.379	NA	NA	NA
NA	NA	0.539	0.569 U	1.108	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.771	<3	0.771	<0.00005	<0.00005	<0.00005
NA	NA	<1	<3	<RL	NA	NA	NA
NA	NA	1.49	<1	1.49	<0.00005	<0.00005	<0.00005
NA	NA	1.49	<1	1.49	NA	NA	NA
NA	NA	0.621	<1	0.621	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.756	<1	0.756	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.71	<1	0.71	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.525	<1	0.525	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.219	<1	0.219	NA	NA	NA
NA	NA	0.485	<1	0.485	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.858	<1	0.858	NA	NA	NA
NA	NA	0.245 U	0.116 U	0.361	NA	NA	NA
NA	NA	1.7	0.379 U	2.079	NA	NA	NA
NA	NA	1.16	0.187 U	1.347	NA	NA	NA
NA	NA	0.86	0.444 U	1.304	NA	NA	NA
NA	NA	0.612	0.197 U	0.809	NA	NA	NA
NA	NA	0.977	-0.116 U	0.861	NA	NA	NA
NA	NA	0.317 U	0.704	1.021	NA	NA	NA
NA	NA	0.734	-0.0952 U	0.6388	NA	NA	NA
NA	NA	0.385	-0.0603 U	0.3247	NA	NA	NA
NA	NA	0.547	0.486	1.033	NA	NA	NA
NA	NA	0.102 U	0.475 U	0.577	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.09	<3	1.09	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.489	0.733	1.222	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.974	<1	0.974	NA	NA	NA
NA	NA	0.854	<1	0.854	NA	NA	NA
NA	NA	<1	1.76	1.76	<0.00005	<0.00005	<0.00005
NA	NA	0.388	<1	0.388	NA	NA	NA
NA	NA	1.09	0.536	1.626	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.379	<1	0.379	NA	NA	NA
NA	NA	0.391	0.691	1.082	NA	NA	NA
NA	NA	0.693	0.476	1.169	NA	NA	NA
NA	NA	0.62	4.28	4.9	NA	NA	NA
NA	NA	1.81	1.07	2.88	NA	NA	NA
NA	NA	0.587	0.671	1.258	NA	NA	NA
NA	NA	0.688	0.744	1.432	NA	NA	NA
NA	NA	0.416	0.365 U	0.781	NA	NA	NA
NA	NA	0.0235 U	-0.19 U	-0.1665	NA	NA	NA
NA	NA	0.485	0.843	1.328	NA	NA	NA
NA	NA	0.165 U	0.669	0.834	NA	NA	NA
NA	NA	0.106 U	0.723	0.829	NA	NA	NA
NA	NA	0.472	0.161 U	0.633	NA	NA	NA
NA	NA	0.273 U	0.337 U	0.61	NA	NA	NA
NA	NA	0.439	0.627	1.066	NA	NA	NA
NA	NA	0.639	<1	0.639	NA	NA	NA
NA	NA	0.471	<1	0.471	NA	NA	NA
NA	NA	0.258	0.942	1.2	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.187	<1	0.187	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.702	<1	0.702	NA	NA	NA
NA	NA	0.977	<1	0.977	NA	NA	NA
NA	NA	0.604	<1	0.604	NA	NA	NA
NA	NA	2.74	0.19 U	2.93	NA	NA	NA
NA	NA	1.52	0.189 U	1.709	NA	NA	NA
NA	NA	0.308 U	-0.15 U	0.158	NA	NA	NA
NA	NA	0.156 U	0.315 U	0.471	NA	NA	NA
NA	NA	0.286 U	0.454	0.74	NA	NA	NA
NA	NA	0.622	0.384 U	1.006	NA	NA	NA

NA	NA	0.366	-0.0859 U	0.2801	NA	NA	NA
NA	NA	0.325	0.13 U	0.455	NA	NA	NA
NA	NA	0.111 U	-0.138 U	-0.027	NA	NA	NA
NA	NA	0.196 U	0.308 U	0.504	NA	NA	NA
NA	NA	0.208 U	-0.435 U	0.208	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<1	<10	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.742	2.07	2.812	<0.00005	<0.00005	<0.00005
NA	NA	3.45	<3	3.45	NA	NA	NA
NA	NA	1.84	<1	1.84	<0.00005	<0.00005	<0.00005
NA	NA	1.84	<1	1.84	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	1.32	0.86	2.18	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	1.93	0.524	2.454	NA	NA	NA
NA	NA	4.93	0.624	**5.554**	NA	NA	NA
NA	NA	<1	0.478	0.478	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.15	<1	0.15	NA	NA	NA
NA	NA	1.94	<1	1.94	NA	NA	NA
NA	NA	2.24	<1	2.24	NA	NA	NA
NA	NA	4.96	-0.0588 U	4.9012	NA	NA	NA
NA	NA	1.48	0.407 U	1.887	NA	NA	NA
NA	NA	0.153 U	0.228 U	0.381	NA	NA	NA
NA	NA	0.238 U	-0.0811 U	0.1569	NA	NA	NA
NA	NA	0.524	0.456	0.98	NA	NA	NA
NA	NA	0.952	0.259 U	1.211	NA	NA	NA
NA	NA	0.31 U	0.204 U	0.514	NA	NA	NA

NA	NA	1.1	0.435 U	1.535	NA	NA	NA
NA	NA	0.187 U	0.0993 U	0.2863	NA	NA	NA
NA	NA	0.459	0.933	1.392	NA	NA	NA
NA	NA	0.396 U	0.272 U	0.668	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.45	<3	2.45	<0.00005	<0.00005	<0.00005
NA	NA	2.01	<1	2.01	<0.00005	<0.00005	<0.00005
NA	NA	1.41	0.747	2.157	<0.00005	<0.00005	<0.00005
NA	NA	<1	1.18	1.18	<0.00005	<0.00005	<0.00005
NA	NA	1.17	0.906	2.076	<0.00005	<0.00005	<0.00005
NA	NA	0.798	0.583	1.381	<0.00005	<0.00005	<0.00005
NA	NA	0.245	1.73	1.975	NA	NA	NA
NA	NA	1.78	0.52	2.3	NA	NA	NA
NA	NA	0.907	0.237 U	1.144	NA	NA	NA
NA	NA	0.266	0.458	0.724	NA	NA	NA
NA	NA	0.429	0.959	1.388	NA	NA	NA
NA	NA	0.953	0.927	1.88	NA	NA	NA
NA	NA	0.392 U	0.448 U	0.84	NA	NA	NA
NA	NA	0.4 U	0.618	1.018	NA	NA	NA
NA	NA	0.514	<1	0.514	<0.00005	<0.00005	<0.00005
NA	NA	0.516	<1	0.516	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	2.64	2.64	<0.00005	<0.00005	<0.00005
NA	NA	<1	<3	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.557	<1	0.557	NA	NA	NA
NA	NA	1.16	<1	1.16	<0.00005	<0.00005	<0.00005
NA	NA	0.547	<1	0.547	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.611	<1	0.611	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.18	<1	0.18	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA

NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.181 U	0.519	0.7	NA	NA	NA
NA	NA	0.439	0.172 U	0.611	NA	NA	NA
NA	NA	0.522	-0.0731 U	0.4489	NA	NA	NA
NA	NA	0.0965 U	-0.039 U	0.0575	NA	NA	NA
NA	NA	0.306 U	0.589	0.895	NA	NA	NA
NA	NA	-0.0748 U	0.48 U	0.4052	NA	NA	NA
NA	NA	0.0806 U	0.538 U	0.6186	NA	NA	NA
NA	NA	0.165 U	0.265 U	0.43	NA	NA	NA
NA	NA	0.37	-0.0437 U	0.3263	NA	NA	NA
NA	NA	0.23 U	-0.408 U	0.23	NA	NA	NA
NA	NA	0.227 U	-0.0167 U	0.227	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<3	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.664	0.664	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.664	0.664	NA	NA	NA
NA	NA	2.94	0.822	3.762	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.773	<1	0.773	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	0.636	0.636	NA	NA	NA
NA	NA	0.221	<1	0.221	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.217	<1	0.217	NA	NA	NA
NA	NA	0.178	<1	0.178	NA	NA	NA
NA	NA	0.246	<1	0.246	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.498	<1	0.498	NA	NA	NA
NA	NA	0.295 U	-0.202 U	0.093	NA	NA	NA
NA	NA	0.171 U	0.82	0.991	NA	NA	NA
NA	NA	0.776	0.369 U	1.145	NA	NA	NA
NA	NA	0.244 U	0.234 U	0.478	NA	NA	NA
NA	NA	0.375	0.318 U	0.693	NA	NA	NA
NA	NA	0.138 U	0.391 U	0.529	NA	NA	NA
NA	NA	-0.198 U	0.479 U	0.281	NA	NA	NA
NA	NA	0.263 U	-0.336 U	-0.073	NA	NA	NA
NA	NA	0.206 U	-0.181 U	0.025	NA	NA	NA
NA	NA	0.198 U	0.35 U	0.548	NA	NA	NA
NA	NA	0.41	-0.449 U	0.41	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.926	<3	0.926	NA	NA	NA
NA	NA	0.799	<1	0.799	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.985	<1	0.985	NA	NA	NA
NA	NA	0.595	<1	0.595	NA	NA	NA
NA	NA	0.481	<1	0.481	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	1.59	1.59	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.762	<1	0.762	NA	NA	NA
NA	NA	0.882	<1	0.882	NA	NA	NA
NA	NA	0.549	0.784	1.333	NA	NA	NA
NA	NA	1.07	0.226 U	1.296	NA	NA	NA
NA	NA	1.36	0.176 U	1.536	NA	NA	NA
NA	NA	0.0816 U	0.157 U	0.2386	NA	NA	NA
NA	NA	0.136 U	0.0889 U	0.2249	NA	NA	NA
NA	NA	0.287	0.229 U	0.516	NA	NA	NA
NA	NA	0.924	0.29 U	1.214	NA	NA	NA
NA	NA	0.0773 U	0.0455 U	0.1228	NA	NA	NA
NA	NA	0.274 U	-0.125 U	0.149	NA	NA	NA
NA	NA	0.116 U	-0.0216 U	0.116	NA	NA	NA
NA	NA	0.652	0.0667 U	0.7187	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1.11	18	NA	NA	NA	NA	NA	NA
<1	<10	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.02	1.9	2.92	<0.00005	<0.00005	<0.00005
NA	NA	1.6	<3	1.6	NA	NA	NA
NA	NA	2	<1	2	<0.00005	<0.00005	<0.00005
NA	NA	2	<1	2	NA	NA	NA
NA	NA	7.39	0.787	**8.177**	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.699	0.699	NA	NA	NA
NA	NA	<1	1.22	1.22	<0.00005	<0.00005	<0.00005
NA	NA	0.684	<1	0.684	NA	NA	NA
NA	NA	0.287	1.3	1.587	NA	NA	NA
NA	NA	0.983	<1	0.983	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.329	<1	0.329	NA	NA	NA
NA	NA	<1	1.46	1.46	NA	NA	NA

NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.68	<1	1.68	NA	NA	NA
NA	NA	2.71	0.294 U	3.004	NA	NA	NA
NA	NA	0.95	0.169 U	1.119	NA	NA	NA
NA	NA	-0.087 U	0.373 U	0.286	NA	NA	NA
NA	NA	0.329	0.495	0.824	NA	NA	NA
NA	NA	0.0237 U	0.689	0.7127	NA	NA	NA
NA	NA	0.256	0.431 U	0.687	NA	NA	NA
NA	NA	0.806	0.569	1.375	NA	NA	NA
NA	NA	0.158 U	0.828	0.986	NA	NA	NA
NA	NA	0.213 U	0.285 U	0.498	NA	NA	NA
NA	NA	0.263 U	0.0502 U	0.3132	NA	NA	NA
NA	NA	0.323 U	0.848	1.171	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
0.47	<5	NA	NA	NA	NA	NA	NA
<1	<10	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.14	<3	3.14	<0.00005	<0.00005	<0.00005
NA	NA	0.964	<3	0.964	NA	NA	NA
NA	NA	1.76	<1	1.76	<0.00005	<0.00005	<0.00005
NA	NA	1.76	<1	1.76	NA	NA	NA
NA	NA	1.4	<1	1.4	<0.00005	<0.00005	<0.00005
NA	NA	4.97	<1	4.97	NA	NA	NA
NA	NA	<1	0.703	0.703	<0.00005	<0.00005	<0.00005
NA	NA	0.362	<1	0.362	NA	NA	NA
NA	NA	1.79	<1	1.79	NA	NA	NA
NA	NA	0.334	1.01	1.344	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.697	<1	0.697	<0.00005	<0.00005	<0.00005
NA	NA	0.706	<1	0.706	NA	NA	NA
NA	NA	1.58	1.6	3.18	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.04	<1	1.04	NA	NA	NA
NA	NA	4	<1	4	NA	NA	NA
NA	NA	1.66	0.122 U	1.782	NA	NA	NA
NA	NA	3.78	0.225 U	4.005	NA	NA	NA
NA	NA	2.72	0.601	3.321	NA	NA	NA
NA	NA	1.32	0.488	1.808	NA	NA	NA
NA	NA	6.17	0.525 U	**6.695**	NA	NA	NA
NA	NA	2.23	0.469	2.699	NA	NA	NA
NA	NA	1.75	0 U	1.75	NA	NA	NA
NA	NA	1.05	0.307 U	1.357	NA	NA	NA
NA	NA	1.46	0.449	1.909	NA	NA	NA

NA	NA	1.94	0.5 U	2.44	NA	NA	NA
NA	NA	0.909	0.682	1.591	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
1.2	<5	NA	NA	NA	NA	NA	NA
1.7	<10	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.09	<3	1.09	NA	NA	NA
NA	NA	20.2	<1	**20.2**	<0.00005	<0.00005	<0.00005
NA	NA	2.36	<1	2.36	<0.00005	<0.00005	<0.00005
NA	NA	2.36	<1	2.36	NA	NA	NA
NA	NA	1.52	0.663	2.183	<0.00005	<0.00005	<0.00005
NA	NA	0.63	0.53	1.16	NA	NA	NA
NA	NA	0.494	1.41	1.904	<0.00005	<0.00005	<0.00005
NA	NA	1.08	<1	1.08	NA	NA	NA
NA	NA	5.83	<1	**5.83**	NA	NA	NA
NA	NA	0.535	<1	0.535	<0.00005	<0.00005	<0.00005
NA	NA	0.5	<1	0.5	NA	NA	NA
NA	NA	<1	1.03	1.03	<0.00005	<0.00005	<0.00005
NA	NA	0.55	<1	0.55	NA	NA	NA
NA	NA	1.65	<1	1.65	NA	NA	NA
NA	NA	0.579	<1	0.579	NA	NA	NA
NA	NA	1.22	<1	1.22	NA	NA	NA
NA	NA	7.89	<1	**7.89**	NA	NA	NA
NA	NA	6.63	-0.0401 U	**6.5899**	NA	NA	NA
NA	NA	1.43	0.179 U	1.609	NA	NA	NA
NA	NA	0.595	0.408 U	1.003	NA	NA	NA
NA	NA	0.501	0.569	1.07	NA	NA	NA
NA	NA	0.749	0.407 U	1.156	NA	NA	NA
NA	NA	0.989	0.254 U	1.243	NA	NA	NA
NA	NA	1.04	0.624	1.664	NA	NA	NA
NA	NA	0.559	0.0341 U	0.5931	NA	NA	NA
NA	NA	0.593	-0.0393 U	0.5537	NA	NA	NA
NA	NA	0.338	0.534 U	0.872	NA	NA	NA
NA	NA	0.471	0.32 U	0.791	NA	NA	NA
NA	NA	1.39	<1	1.39	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.517	<1	0.517	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.68	0.68	<0.00005	<0.00005	<0.00005
NA	NA	1.84	<1	1.84	<0.00005	<0.00005	<0.00005
NA	NA	1.22	<1	1.22	<0.00005	<0.00005	<0.00005
NA	NA	0.716	0.461	1.177	NA	NA	NA
NA	NA	1.08	0.954	2.034	NA	NA	NA
NA	NA	0.468	0.539	1.007	NA	NA	NA
NA	NA	-0.0383 U	0.827	0.7887	NA	NA	NA

NA	NA	0.68	0.598	1.278	NA	NA	NA
NA	NA	0.388	0.494 U	0.882	NA	NA	NA
NA	NA	0.941	0.794	1.735	NA	NA	NA
NA	NA	0.842	0.885	1.727	NA	NA	NA
NA	NA	1.07	0.66	1.73	NA	NA	NA
NA	NA	0.971	1.07	2.041	NA	NA	NA
NA	NA	1.79	0.897	2.687	NA	NA	NA
NA	NA	2.27	1.82	4.09	NA	NA	NA
NA	NA	1.63	3.16	4.79	NA	NA	NA
NA	NA	3.95	2.76	**6.71**	NA	NA	NA
NA	NA	0.74 S1	3.97	4.71	NA	NA	NA
NA	NA	1.72	4.21	**5.93**	NA	NA	NA
NA	NA	0.833	2.55	3.383	NA	NA	NA
NA	NA	2.64	3.74	**6.38**	NA	NA	NA
NA	NA	1.32	2.09	3.41	NA	NA	NA
NA	NA	1.47	2.21	3.68	NA	NA	NA
NA	NA	0.288	0.732	1.02	NA	NA	NA
NA	NA	2.04	1.04	3.08	NA	NA	NA
NA	NA	0.316 U	0.393 U	0.709	NA	NA	NA
NA	NA	0.327 U	0.388 U	0.715	NA	NA	NA
NA	NA	0.432	1.33	1.762	NA	NA	NA
NA	NA	2.52	2.18	4.7	NA	NA	NA
NA	NA	0.79	1.3	2.09	NA	NA	NA
NA	NA	0.527	2.74	3.267	NA	NA	NA
NA	NA	0.638	2.17	2.808	NA	NA	NA
NA	NA	2.52	2.01	4.53	NA	NA	NA
NA	NA	0.42 U	1.45	1.87	NA	NA	NA
NA	NA	0.778	1.45	2.228	NA	NA	NA
NA	NA	<1	<3	<RL	<0.00005	<0.00005	<0.00005
NA	NA	2.85	<1	2.85	<0.00005	<0.00005	<0.00005
NA	NA	0.882	1.83	2.712	<0.00005	<0.00005	<0.00005
NA	NA	0.523	1.1	1.623	<0.00005	<0.00005	<0.00005
NA	NA	0.921	1.07	1.991	<0.00005	<0.00005	<0.00005
NA	NA	0.527	<1	0.527	<0.00005	<0.00005	<0.00005
NA	NA	0.367	<1	0.367	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.543	0.417 U	0.96	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.184 U	0.593	0.777	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	2.22	1.26	3.48	<0.00005	<0.00005	<0.00005
NA	NA	11.1	4.05	**15.15**	<0.00005	<0.00005	<0.00005
NA	NA	0.563	0.267 U	0.83	NA	NA	NA
NA	NA	0.31 U	0.0129 U	0.3229	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.237 U	0.409 U	0.646	NA	NA	NA
NA	NA	0.911	0.0934 U	1.0044	NA	NA	NA
NA	NA	<1	0.676	0.676	<0.00005	<0.00005	<0.00005
NA	NA	0.605	0.465	1.07	<0.00005	<0.00005	<0.00005
NA	NA	0.734	<1	0.734	<0.00005	<0.00005	<0.00005
NA	NA	1.35	<1	1.35	<0.00005	<0.00005	<0.00005
NA	NA	1.21	1.25	2.46	<0.00005	<0.00005	<0.00005
NA	NA	0.591	1.18	1.771	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.93	0.881	2.811	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.804	0.804	<0.00005	<0.00005	<0.00005
NA	NA	1.02	0.485	1.505	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.23	<1	2.23	<0.00005	<0.00005	<0.00005
NA	NA	5.69	0.552	**6.242**	<0.00005	<0.00005	<0.00005
NA	NA	10.4	4.85	**15.25**	<0.00005	<0.00005	<0.00005
NA	NA	3.32	1.9	**5.22**	<0.00005	<0.00005	<0.00005
NA	NA	0.721	<1	0.721	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.0259 U	0.104 U	0.1299	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.226 U	-0.269 U	0.226	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.32	<1	1.32	<0.00005	<0.00005	<0.00005
NA	NA	0.564	<1	0.564	<0.00005	<0.00005	<0.00005
NA	NA	0.622	<1	0.622	<0.00005	<0.00005	<0.00005
NA	NA	0.453	<1	0.453	<0.00005	<0.00005	<0.00005
NA	NA	1.2	1.3	2.5	<0.00005	<0.00005	<0.00005
NA	NA	<1	0.5	0.5	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.849	1.35	2.199	<0.00005	<0.00005	<0.00005
NA	NA	1.14	<1	1.14	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.652	0.688	1.34	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	6	0.894	**6.894**	<0.00005	<0.00005	<0.00005
NA	NA	0.95	3.29	4.24	<0.00005	<0.00005	<0.00005
NA	NA	0.692	<1	0.692	<0.00005	<0.00005	<0.00005
NA	NA	0.695	<1	0.695	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	0.406	<1	0.406	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.514	0.731	1.245	<0.00005	<0.00005	<0.00005
NA	NA	<1	1.31	1.31	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.398	<1	0.398	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.664	<1	0.664	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.139 U	-0.0396 U	0.0994	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.237 U	0.0646 U	0.3016	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.638	<1	0.638	<0.00005	<0.00005	<0.00005
NA	NA	0.684	<1	0.684	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.354	0.24 U	0.594	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.77	0.395 U	1.165	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	1.62	1.62	<0.00005	<0.00005	<0.00005
NA	NA	0.546	2.38	2.926	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.116 U	0.58	0.696	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.205 U	0.474 U	0.679	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.48	0.661	1.141	<0.00005	<0.00005	<0.00005
NA	NA	1.55	0.39	1.94	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.34	1.36	4.7	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.65	2.59	**6.24**	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.126 U	-0.106 U	0.02	NA	NA	NA
NA	NA	0.399	0.621	1.02	NA	NA	NA
NA	NA	0.641	0.49	1.131	NA	NA	NA
NA	NA	0.316 U	0.396 U	0.712	NA	NA	NA
NA	NA	0.387	0.143 U	0.53	NA	NA	NA
NA	NA	0.377	0.196 U	0.573	NA	NA	NA
NA	NA	0.611	0.361	0.972	NA	NA	NA
NA	NA	0.218 U	0.702 U	0.92	NA	NA	NA

NA	NA	0.0425 U	0.378 U	0.4205	NA	NA	NA
NA	NA	0.176 U	0.124 U	0.3	NA	NA	NA
NA	NA	0.37 U	0.299 U	0.669	NA	NA	NA
NA	NA	0.325 U	0.273 U	0.598	NA	NA	NA
NA	NA	1.59	0.251 U	1.841	NA	NA	NA
NA	NA	0.399	-0.0761 U	0.399	NA	NA	NA
NA	NA	0.166 U	0.193 U	0.359	NA	NA	NA
NA	NA	0.221 U	0.059 U	0.28	NA	NA	NA
NA	NA	0.303 U	0.367 U	0.67	NA	NA	NA
NA	NA	0.229 U	0.134 U	0.363	NA	NA	NA
NA	NA	0.138 U	-0.439 U	0.138	NA	NA	NA
NA	NA	0.0683 U	0.181 U	0.2493	NA	NA	NA
NA	NA	1.94	0.278 U	2.218	NA	NA	NA
NA	NA	0.401	0.25 U	0.651	NA	NA	NA
NA	NA	0.137 U	-0.00969 U	0.137	NA	NA	NA
NA	NA	0.154 U	0.211 U	0.365	NA	NA	NA
NA	NA	0.116 U	0.0897 U	0.2057	NA	NA	NA
NA	NA	0.142 U	0.119 U	0.261	NA	NA	NA
NA	NA	0.0963 U	0.0516 U	0.1479	NA	NA	NA
NA	NA	0.167 U	0.0705 U	0.2375	NA	NA	NA
NA	NA	0.531	0.701	1.232	NA	NA	NA
NA	NA	0.342 U	0.504	0.846	NA	NA	NA
NA	NA	0.888	-0.00488 U	0.888	NA	NA	NA
NA	NA	0.753	0.344 U	1.097	NA	NA	NA
NA	NA	0.211 U	0.0244 U	0.2354	NA	NA	NA
NA	NA	0.28	0.207 U	0.487	NA	NA	NA
NA	NA	0 U	-0.00527 U	0	NA	NA	NA
NA	NA	0.0941 U	0.111 U	0.2051	NA	NA	NA
NA	NA	0.239 U	0.123 U	0.362	NA	NA	NA
NA	NA	0.33	0.304 U	0.634	NA	NA	NA
NA	NA	0.347 U	0.074 U	0.421	NA	NA	NA
NA	NA	0.174 U	0.282 U	0.456	NA	NA	NA
NA	NA	0.917	1.88	2.797	NA	NA	NA
NA	NA	0.627	3.82	4.447	NA	NA	NA
NA	NA	0.657	6.19	**6.847**	NA	NA	NA
NA	NA	0.438	0.328 U	0.766	NA	NA	NA
NA	NA	1.15	0.233 U	1.383	NA	NA	NA
NA	NA	0.202 U	0.155 U	0.357	NA	NA	NA
NA	NA	0.442 U	0.183 U	0.625	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

		RADIONUCLIDES					
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	0.928	0.928	<0.00005	<0.00005	<0.00005
NA	NA	0.382	<1	0.382	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.35	1.42	3.77	NA	NA	NA
NA	NA	1.11	<1	1.11	NA	NA	NA
NA	NA	0.29 U	-0.166 U	0.124	NA	NA	NA
NA	NA	0.332	0.145 U	0.477	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.196	<1	0.196	NA	NA	NA
NA	NA	1.1	<1	1.1	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	4	-0.0933 U	3.9067	NA	NA	NA
NA	NA	1.56	0.347 U	1.907	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.01	<1	1.01	NA	NA	NA
NA	NA	0.24 B	0.978 S1	1.218	NA	NA	NA
NA	NA	0.86	<3	0.86	NA	NA	NA
NA	NA	0.539	<1	0.539	NA	NA	NA
NA	NA	1.24	0.779	2.019	NA	NA	NA
NA	NA	0.532	0.167 U	0.699	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.256	<1	0.256	NA	NA	NA
NA	NA	0.649	-0.0598 U	0.5892	NA	NA	NA
NA	NA	0.43 S1	0.475 U	0.905	NA	NA	NA
NA	NA	0.407 S1	0.492 U	0.899	NA	NA	NA
NA	NA	0.952	<1	0.952	NA	NA	NA
NA	NA	0.426	<1	0.426	NA	NA	NA
NA	NA	0.216	<1	0.216	NA	NA	NA

NA	NA	2.07	<1	2.07	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.603	<1	0.603	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<0.3	<5	NA	NA	NA	NA	NA	NA
<0.3	<5	NA	NA	NA	NA	NA	NA
<0.3	<5	NA	NA	NA	NA	NA	NA
<0.3	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<0.3	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
<1	<10	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	0.149	<1	0.149	NA	NA	NA
NA	NA	0.332 U	0.103 U	0.435	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.23	0.523	1.753	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.427 U	0.179 U	0.606	NA	NA	NA
NA	NA	0.465	0.123 U	0.588	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.431 U	0.0784 U	0.5094	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	0.547	0.547	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.242	<1	0.242	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
<0.3	<5	NA	NA	NA	NA	NA	NA
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.3	<3	3.3	NA	NA	NA
NA	NA	2	<1	2	<0.00005	<0.00005	<0.00005
NA	NA	2	<1	2	NA	NA	NA
NA	NA	0.475	<1	0.475	NA	NA	NA
NA	NA	0.145 U	0.57	0.715	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.21	<1	1.21	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	<1	<1	<RL	NA	NA	NA
NA	NA	1.34	<3	1.34	<0.00005	<0.00005	<0.00005
NA	NA	1.16	0.441	1.601	NA	NA	NA
NA	NA	0.959	<1	0.959	<0.00005	<0.00005	<0.00005
NA	NA	0.51	<1	0.51	<0.00005	<0.00005	<0.00005
NA	NA	1.4	0.759	2.159	NA	NA	NA
NA	NA	2.13 S1	4.3	**6.43**	NA	NA	NA
NA	NA	2.35	1.55	3.9	NA	NA	NA
NA	NA	<1	1.24	1.24	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	1.95	1.95	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.784	<1	0.784	<0.00005	<0.00005	<0.00005
NA	NA	<1	<1	<RL	<0.00005	<0.00005	<0.00005
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

		SPECIATIONS								
ug/mL	ug/mL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
NE	0.03^	NE	NE	NE	NE	NE	10	NE	NE	NE
NE	0.00516	NE	NE	NE	NE	NE	NE	NE	NE	NE
NE	0.00324	NE	NE	NE	NE	NE	NE	NE	NE	NE

		SPECIATIONS								
Uranium-238	Total Uranium	As(III)	As(V)	MMAs	DMAs	As (UK)	Cr(VI)	Fe(II)	Fe(III)	Mn(II)
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000165 j	0.000165 j	188	28.5	1.26	52.6	NA	0.01	<5	<5	3.03
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000094 j	0.000094 j	0.205	<0.099	<0.06	<0.045	NA	0.006	1490	<25	1010
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000706 j	0.0000706 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000712 j	0.0000712 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	411	48.2	1.4	15.5	NA	0.007	40.3	<5	130
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00183	0.00183	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000952	0.000952	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000977	0.000977	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000129 j	0.000129 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000189 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00012 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00021	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000203	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000465	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00119	0.00119	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.264	0.262	<0.06	<0.045	NA	0.011	10.1	<5	1310
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000135 j	0.000135 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00152	0.00152	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000197 j	0.000197 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000633	0.000633	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000429	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0001 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000564	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000489	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000825	0.000825	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000934	0.000934	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000741	0.000741	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	6.93	0.998	<0.06	<0.045	NA	<0.003	61200	900	6180
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000384	0.000384	NA	NA	NA	NA	NA	NA	NA	NA	NA

0.000338	0.000338	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000654	0.000654	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000462	0.000462	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.382	<0.099	<0.06	<0.045	NA	<0.003	7050	<1000	15600
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00212	0.00212	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00148	0.00148	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00174	0.00174	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00181	0.00181	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000491	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00136	0.00136	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00126	0.00126	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00181	0.00181	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00112	0.00112	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00106	0.00106	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00089	0.00089	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	804	22.8	<0.6	<0.45	<0.6	<0.021	25800	6400	5140
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0341	**0.0341**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0269	0.0269	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0305	**0.0305**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0296	0.0296	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0279	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0252	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0258	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0241	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.094	<0.099	<0.06	<0.045	<0.06	<0.021	7980	1320	3450
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000184 j	0.000184 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000153 j	0.000153 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000144 j	0.000144 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000491	0.000491	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000169 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000089 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000207	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000248	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000117 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	212	3.7	<0.6	<0.45	NA	0.012	835	106	1850
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00372	0.00372	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00323	0.00323	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0036	0.0036	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00367	0.00367	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00787	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00276	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00275	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00702	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00821	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00665	0.00665	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.95	0.329	<0.06	<0.045	<0.06	<0.021	26700	6100	5370
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	280	18	<0.6	<0.45	NA	<0.003	4220	3270	2110
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00102	0.00102	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00144	0.00144	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00221	0.00221	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00197	0.00197	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.272	<0.099	<0.06	<0.045	NA	0.009	162	<5	4300
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000863	0.000863	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000721	0.000721	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000709	0.000709	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000648	0.000648	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000537	0.000537	317	3.92	<0.6	3.56	<0.6	0.031	<5	9.1	8.2
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000712	0.000712	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000782	0.000782	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000932	0.000932	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000876	0.000876	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000786	0.000786	<0.036	<0.099	<0.06	<0.045	<0.06	<0.021	294	<5	499
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000549	0.000549	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00055	0.00055	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000648	0.000648	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000615	0.000615	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0003	0.0003	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000238	0.000238	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000276	0.000276	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000268	0.000268	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000129 j	0.000129 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000317	0.000317	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00164	0.00164	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000858	0.000858	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000577	0.000577	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000504	0.000504	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000511	0.000511	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000524	0.000524	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000487	0.000487	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000474	0.000474	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000444	0.000444	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00048	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000449	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000482	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000615	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000585	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0006	0.0006	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000488	0.000488	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000463	0.000463	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00122	0.00122	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000932	0.000932	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000961	0.000961	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000923	0.000923	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00084	0.00084	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00122	0.00122	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000871	0.000871	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000951	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000875	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000841	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000886	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000902	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000805	0.000805	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000651	0.000651	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000821	0.000821	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00622	0.00622	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0297	0.0297	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0385	**0.0385**	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	**0.0385**	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0254	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0286	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	**0.0302**	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0184	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0176	0.0176	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.015	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.015	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000557	0.000557	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00056	0.00056	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000604	0.000604	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00541	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00567	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00366	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0042	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000587	0.000587	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0016	0.0016	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000391	0.000391	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00924	0.00924	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0067	0.0067	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00142	0.00142	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

0.0802	**0.0802**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000916 j	0.0000916 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0163	0.0163	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0349	**0.0349**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0159	0.0159	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0354	**0.0354**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00574	0.00574	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00835	0.00835	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000426	0.000426	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00172	0.00172	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00738	0.00738	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00112	0.00112	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.0000719 j	0.0000719 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.000135 j	0.000135 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000155 j	0.000155 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.000392	0.000392	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA

0.00179	0.00179	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00333	0.00333	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00133	0.00133	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00154	0.00154	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00142	0.00142	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	0.00159	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	0.0014	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	0.0015	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	0.00127	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00124	0.00124	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00144	0.00144	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00149	0.00149	NA	NA	NA	NA	NA	NA	NA	NA	NA

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0.00255	0.00255	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00304	0.00304	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00269	0.00269	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.000203	0.000203	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.000242	0.000242	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00029	0.00029	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	0.000249	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	0.000174 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	0.000179 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000222	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	0.000578	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.000153 j	0.000153 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.000131 j	0.000131 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00244	0.00244	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00277	0.00277	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00235	0.00235	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	0.00225	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00193	0.00193	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.00301	0.00301	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00618	0.00618	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00526	0.00526	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	<0.044	0.139 j	<0.023	<0.034	<0.041	0.015 j	<13.4	<13.4	67.7
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0.0253	0.0253	NA	NA	NA	NA	NA	NA	NA	NA	NA
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0.0248	0.0248	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0194	0.0194	NA	NA	NA	NA	NA	NA	NA	NA	NA
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<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
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<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
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<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000586	0.000586	<0.065	<0.088	<0.071	<0.06	<0.071	0.296	<5	<5	<0.46
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00164	0.00164	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00101	0.00101	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00112	0.00112	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00222	0.00222	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00342	0.00342	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0016	0.0016	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0016	0.0016	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000544	0.000544	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000446	0.000446	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00453	0.00453	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00465	0.00465	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000886 j	0.0000886 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000558	0.000558	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000998	0.000998	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000133 j	0.000133 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000132 j	0.000132 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000848	0.000848	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000956	0.000956	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000814	0.000814	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000737	0.000737	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00486	0.00486	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00617	0.00617	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00541	0.00541	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000516	0.000516	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000654	0.000654	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000624	0.000624	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000536	0.000536	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00509	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00243	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00521	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00449	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00325	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00403	0.00403	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00428	0.00428	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0038	0.0038	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.036	<0.099	<0.06	<0.045	NA	<0.003	48.3	7.9	1210
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000214	0.000214	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000248	0.000248	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000423	0.000423	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000279	0.000279	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.036	<0.099	<0.06	<0.045	<0.06	0.769	25.8	<5	132
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.043	**0.043**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0407	**0.0407**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0436	**0.0436**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0436	**0.0436**	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	**0.0391**	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	**0.0402**	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	**0.04**	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	**0.0417**	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	**0.0345**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0403	**0.0403**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0415	**0.0415**	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0393	**0.0393**	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.201	1.05	<0.06	<0.045	<0.06	**11.8**	<5	11.3	<0.4
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00111	0.00111	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00115	0.00115	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000952	0.000952	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00154	0.00154	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00113	0.00113	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.036	0.556	<0.06	<0.045	NA	0.273	21.7	11.1	63.8
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00385	0.00385	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00383	0.00383	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00349	0.00349	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0038	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00603	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00749	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00657	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00452	NA	NA	NA	NA	NA	NA	NA	NA	NA

0.00275	0.00275	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00321	0.00321	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00276	0.00276	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.036	<0.099	0.121	0.138	NA	0.015	24.1	<5	678
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000321	0.000321	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000246	0.000246	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00025	0.00025	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000299	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000335	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000272	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000252	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000237	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000286	0.000286	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000697	0.000697	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00057	0.00057	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.139	<0.099	<0.06	<0.045	NA	0.01	292	<5	83
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00024	0.00024	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000208	0.000208	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000201	0.000201	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000218	0.000218	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000277	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000183 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0000921 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000392	0.000392	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000228	0.000228	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.036	<0.099	<0.06	<0.045	NA	0.161	<5	7	16.9
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000369	0.000369	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00033	0.00033	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000345	0.000345	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00031	0.00031	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000278	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000259	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000315	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000212	0.000212	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000134 j	0.000134 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000632	0.000632	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000783	0.000783	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000586	0.000586	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000613	0.000613	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000658	0.000658	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000492	0.000492	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000457	0.000457	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000405	0.000405	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.185	0.125	0.078	<0.045	<0.06	<0.021	131	<5	285
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000301	0.000301	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00031	0.00031	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000597	0.000597	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000218	0.000218	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000243	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000778	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000318	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000327	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000193 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00019 j	0.00019 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

0.00024	0.00024	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000194 j	0.000194 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00786	0.00786	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00345	0.00345	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00395	0.00395	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00515	0.00515	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00265	0.00265	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00745	0.00745	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00654	0.00654	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00505	0.00505	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.036	0.17	<0.06	<0.045	<0.06	0.064	<5	<5	505
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00309	0.00309	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00301	0.00301	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00278	0.00278	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0029	0.0029	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00309	0.00309	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00308	0.00308	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00304	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00288	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00297	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00278	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00261	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00238	0.00238	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00232	0.00232	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00256	0.00256	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	0.325	<0.099	<0.06	<0.045	NA	0.01	1030	<25	356
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000734	0.000734	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000644	0.000644	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000772	0.000772	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000692	0.000692	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000821	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000658	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00061	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000764	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000586	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000683	0.000683	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000706	0.000706	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000696	0.000696	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000208	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000338	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000178 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000133	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000104 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

0.0000853 j	0.0000853 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000974 j	0.0000974 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000995 j	0.0000995 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.347	<0.099	<0.06	<0.045	NA	0.004	2770	<250	1090
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000074 j	0.000074 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000092 j	0.000092 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000148 j	0.000148 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000163 j	0.000163 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000158 j	0.000158 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00015 j	0.00015 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000182 j	0.000182 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000175 j	0.000175 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00021	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00161	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00023	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000222	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000328	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000296	0.000296	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000184 j	0.000184 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000371	0.000371	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000251	0.000251	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000531	0.000531	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000325	0.000325	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00047	0.00047	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000285	0.000285	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000503	0.000503	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000745	0.000745	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000535	0.000535	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000482	0.000482	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000704	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	0.000575	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000909	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000691	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000549	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000611	0.000611	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000601	0.000601	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000609	0.000609	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000673	0.000673	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000705	0.000705	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000681	0.000681	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000765	0.000765	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000748	0.000748	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000739	0.000739	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000741	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00097	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000808	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00073	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000628	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000579	0.000579	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000574	0.000574	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000611	0.000611	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	0.074	<0.099	<0.06	<0.045	<0.06	0.135	86.8	<5	184
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00122	0.00122	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00106	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00144	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00114	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00125	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00122	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00105	0.00105	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00104	0.00104	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00114	0.00114	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0003	0.0003	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000477	0.000477	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000319	0.000319	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000349	0.000349	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000298	0.000298	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000242	0.000242	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000269	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000289	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000268	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00028	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000275	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000201	0.000201	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000225	0.000225	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00026	0.00026	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.036	<0.099	<0.06	<0.045	<0.06	<0.021	102	<5	728
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000424	0.000424	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000434	0.000434	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00024	0.00024	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000984	0.000984	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00017 j	0.00017 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000231	0.000231	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000811	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000384	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000386	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000346	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.000409	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000686	0.000686	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000566	0.000566	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000156 j	0.000156 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.036	0.221	<0.06	<0.045	<0.06	**58.6 (z)**	<5	<5	<0.4
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00434	0.00434	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00501	0.00501	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00381	0.00381	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00321	0.00321	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00387	0.00387	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00359	0.00359	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00322	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00309	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00362	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.00319	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0027	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00264	0.00264	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0034	0.0034	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0026	0.0026	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000332	0.000332	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000104 j	0.000104 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000357	0.000357	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0000861 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0000707 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0000688 j	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000143 j	0.000143 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000144 j	0.000144 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000415	0.000415	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000672	0.000672	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000444	0.000444	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000436	0.000436	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000395	0.000395	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00299	0.00299	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00411	0.00411	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00221	0.00221	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00307	0.00307	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00667	0.00667	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0078	0.0078	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00769	0.00769	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00553	0.00553	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00171	0.00171	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000688	0.000688	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00108	0.00108	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00171	0.00171	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000484	0.000484	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000195 j	0.000195 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00016 j	0.00016 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000142 j	0.000142 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0132	0.0132	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00652	0.00652	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00228	0.00228	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00324	0.00324	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000108 j	0.000108 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000717	0.000717	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00016 j	0.00016 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00015 j	0.00015 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000146 j	0.000146 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000387	0.000387	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00035	0.00035	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

0.0033	0.0033	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0151	0.0151	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00603	0.00603	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00562	0.00562	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00824	0.00824	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00717	0.00717	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00331	0.00331	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00329	0.00329	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00297	0.00297	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00256	0.00256	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00258	0.00258	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00236	0.00236	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00297	0.00297	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00284	0.00284	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000964	0.000964	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00158	0.00158	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00394	0.00394	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000962	0.000962	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000158 j	0.000158 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000475	0.000475	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00239	0.00239	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00258	0.00258	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000324	0.000324	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000406	0.000406	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000685	0.000685	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000634	0.000634	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000561	0.000561	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000983	0.000983	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00366	0.00366	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00141	0.00141	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00156	0.00156	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00202	0.00202	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00178	0.00178	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00206	0.00206	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00335	0.00335	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00341	0.00341	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00367	0.00367	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00418	0.00418	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0044	0.0044	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00242	0.00242	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00285	0.00285	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00237	0.00237	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00279	0.00279	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00112	0.00112	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00185	0.00185	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00605	0.00605	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00357	0.00357	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00209	0.00209	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00243	0.00243	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00302	0.00302	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00126	0.00126	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00211	0.00211	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00108	0.00108	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00683	0.00683	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0071	0.0071	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00685	0.00685	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00686	0.00686	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00368	0.00368	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0038	0.0038	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00359	0.00359	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00381	0.00381	NA	NA	NA	NA	NA	NA	NA	NA	NA

0.00372	0.00372	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0037	0.0037	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00321	0.00321	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00313	0.00313	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0052	0.0052	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00554	0.00554	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00599	0.00599	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00525	0.00525	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0018	0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00134	0.00134	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0013	0.0013	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00113	0.00113	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0117	0.0117	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0105	0.0105	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0104	0.0104	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00901	0.00901	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00455	0.00455	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00441	0.00441	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0046	0.0046	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00517	0.00517	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00239	0.00239	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000801	0.000801	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000743	0.000743	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000709	0.000709	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000648	0.000648	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000638	0.000638	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000659	0.000659	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000616	0.000616	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000396	0.000396	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00116	0.00116	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00098	0.00098	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000796	0.000796	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00365	0.00365	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00274	0.00274	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000761 j	0.0000761 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000079 j	0.000079 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000747 j	0.0000747 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.036	<0.099	<0.06	<0.045	<0.06	0.033	<5	6.8	0.58
NA	NA	<0.036	<0.099	<0.06	<0.045	<0.06	0.023	<5	<5	<0.4
NA	NA	<0.036	<0.099	<0.06	<0.045	<0.06	<0.021	<5	<5	<0.4
NA	NA	<0.036	<0.099	<0.06	<0.045	<0.06	<0.021	<5	<5	0.58
NA	NA	<0.036	<0.099	<0.06	<0.045	<0.06	0.029	<5	<5	<0.46
NA	NA	<0.036	<0.099	<0.06	<0.045	<0.06	0.022	9.4	18.5	2.92
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.044	0.11 j	<0.023	<0.034	<0.041	0.008 j	<13.4	<13.4	1.99 j
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<0.065	<0.088	<0.071	<0.06	<0.071	0.542	<5	<5	2.6
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00457	0.00457	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000999 j	0.0000999 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000293	0.000293	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0000732 j	0.0000732 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000708	0.000708	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000341	0.000341	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000355	0.000355	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00068	0.00068	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00213	0.00213	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.0127	0.0127	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.000162 j	0.000162 j	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00134	0.00134	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00213	0.00213	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.00228	0.00228	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg-N/L	mg/L	ug/L	mg/L
NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	5
NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	5

Mn(IV)	Se(IV)	Se(VI)	SeCN	MeSe(IV)	SeMe	Se (UK)	Ammonia (as N)	BOD	Bromide	Carbonate Alkalinity
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15
1.73	3.62	<0.17	2.34	0.43	0.32	4.44	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	60.9
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91.2
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.4
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	109
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.2
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	58.2
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	71.9
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.9
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	96.1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	59.7
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.7
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	119
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.6
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	119
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
<0.062	<0.069	<0.17	<0.14	<0.13	<0.13	<0.13	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
2.18	2.67	<0.17	1.13	0.37	<0.13	2.2	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.2
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
200	<0.069	<0.17	<0.14	<0.13	<0.13	<0.13	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47.1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54.4
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
<0.062	<0.069	<0.17	<0.14	<0.13	<0.13	<0.13	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
<0.39	<0.082	<0.091	<0.041	<0.071	<0.071	<0.071	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
<0.18	<0.069	<0.17	<0.14	<0.13	<0.13	<0.13	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
<0.39	<0.082	<0.091	<0.041	<0.071	<0.071	<0.071	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
250	0.182	<0.17	0.38	<0.13	<0.13	<0.13	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.9
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
<0.18	<0.069	<0.17	<0.14	<0.13	<0.13	<0.13	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
0.87	0.401	<0.091	<0.039	<0.07	<0.07	<0.07	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.2
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.3
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.9
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.2
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.6
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.8
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
25	<0.082	<0.091	<0.039	<0.07	<0.07	<0.07	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	<2	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	<2	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	<2	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	<2	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

OTHER PARAMETERS							
mg/L	mg/L	mg/L	mg/L	mg-N/L	mg/L	mg/L	mg/L
NE	2	NE	NE	NE	NE	NE	NE
NE	NE	NE	NE	NE	NE	NE	NE
NE	NE	NE	NE	NE	NE	NE	NE

OTHER PARAMETERS							
COD	Fluoride	Hardness	Nitrate	Nitrite (as N)	Nitrogen, Kjeldahl, total	Phosphorus	Total Organic Halides
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.51	NA	NA	NA	NA	<0.05	NA
NA	0.67	NA	NA	NA	NA	<0.05	NA
NA	0.52	NA	NA	NA	NA	<0.05	NA
NA	0.285 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	<0.05	NA
NA	0.16	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	0.067 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	1.1	NA	NA	NA	NA	0.078	NA
NA	1.3	NA	NA	NA	NA	0.1	NA
NA	1.2	NA	NA	NA	NA	0.13	NA
NA	1.1	NA	NA	NA	NA	0.11	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.29	NA	NA	NA	NA	<0.05	NA
NA	0.25	NA	NA	NA	NA	<0.05	NA
NA	0.21	NA	NA	NA	NA	<0.05	NA
NA	0.18	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	**2.7**	NA	NA	NA	NA	<0.05	NA
NA	**3.025 j**	NA	NA	NA	NA	<0.05	NA
NA	**2.885 j**	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	**2.415 j**	NA	NA	NA	NA	<0.05	NA
NA	**2.68 j**	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.629 j	NA	NA	NA	NA	<0.05	NA
NA	0.642 j	NA	NA	NA	NA	<0.05	NA
NA	0.497 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	0.094	NA
NA	**2.91 j**	NA	NA	NA	NA	0.054	NA
NA	<5	NA	NA	NA	NA	<0.05 M1	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	<0.05	NA
NA	0.2	NA	NA	NA	NA	<0.05	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.29	NA	NA	NA	NA	0.57	NA
NA	0.3	NA	NA	NA	NA	0.53	NA
NA	0.29	NA	NA	NA	NA	0.55	NA
NA	0.29	NA	NA	NA	NA	0.52	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.63	NA	NA	NA	NA	0.1	NA
NA	0.55	NA	NA	NA	NA	0.093	NA
NA	0.53	NA	NA	NA	NA	0.086	NA
NA	0.55	NA	NA	NA	NA	0.092	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	<0.05	NA
NA	0.13	NA	NA	NA	NA	<0.05	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	0.1412 j	NA	NA	NA	NA	<0.05	NA
NA	0.1084 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	0.065 j	NA	NA	NA	NA	<0.05	NA
NA	0.3025 j	NA	NA	NA	NA	<0.05	NA
NA	0.2605 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.257 j	NA	NA	NA	NA	<0.05	NA
NA	0.22	NA	NA	NA	NA	<0.05	NA
NA	0.172 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	NA	NA	1.4	NA	NA	NA	NA

NA	NA	NA	1.1	NA	NA	NA	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	NA	NA	1.6	NA	NA	NA	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	NA	NA	1.6	NA	NA	NA	NA
NA	NA	NA	1.7	NA	NA	NA	NA
NA	NA	NA	1.7	NA	NA	NA	NA
NA	NA	NA	1.9	NA	NA	NA	NA
NA	NA	NA	2	NA	NA	NA	NA
NA	NA	NA	1.9	NA	NA	NA	NA
NA	NA	NA	1.8	NA	NA	NA	NA
NA	NA	NA	10	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	11	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	11	NA	NA	NA	NA
NA	NA	NA	11	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	11	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	9.8	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	11	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	11	NA	NA	NA	NA
NA	0.2	NA	NA	NA	NA	0.17	NA
NA	0.13	NA	NA	NA	NA	0.15	NA
NA	NA	NA	11	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	0.15	NA
NA	NA	NA	11	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	0.15	NA
NA	NA	NA	12	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	11	NA	NA	NA	NA
NA	NA	NA	12	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	12	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	0.061	NA
NA	0.1	NA	NA	NA	NA	0.053	NA
NA	0.11	NA	NA	NA	NA	<0.05	NA
NA	0.051 j	NA	NA	NA	NA	0.054	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.2	NA	NA	NA	NA	0.052	NA
NA	0.25	NA	NA	NA	NA	0.052	NA
NA	0.21	NA	NA	NA	NA	<0.05	NA
NA	0.1872 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	<0.05	NA
NA	0.18	NA	NA	NA	NA	<0.05	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA
NA	0.18	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	NA	NA
NA	0.25	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA

NA	0.17	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.7	NA	NA	NA	NA	NA	NA
NA	0.78	NA	NA	NA	NA	NA	NA
NA	0.75	NA	NA	NA	NA	NA	NA
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NA	0.62	NA	NA	NA	NA	NA	NA
NA	0.69	NA	NA	NA	NA	NA	NA
NA	0.64	NA	NA	NA	NA	NA	NA
NA	0.77	NA	NA	NA	NA	NA	NA
NA	0.64	NA	NA	NA	NA	NA	NA
NA	0.73	NA	NA	NA	NA	NA	NA
NA	0.86	NA	NA	NA	NA	NA	NA
NA	0.83	NA	NA	NA	NA	NA	NA
NA	0.86	NA	NA	NA	NA	NA	NA
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NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
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NA	0.061 j	NA	NA	NA	NA	NA	NA
NA	0.042 j	NA	NA	NA	NA	NA	NA
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NA	0.25	NA	NA	NA	NA	NA	NA
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NA	0.17	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA

NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	NA	NA
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NA	0.05 j	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
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NA	<5	NA	NA	NA	NA	NA	NA
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NA	<2	NA	NA	NA	NA	NA	NA

NA	1.112 j	NA	NA	NA	NA	NA	NA
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NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
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NA	<1	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	0.305 j	NA	NA	NA	NA	NA	NA
NA	0.194 j	NA	NA	NA	NA	NA	NA
NA	0.12 j	NA	NA	NA	NA	NA	NA
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NA	<1	NA	NA	NA	NA	NA	NA
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NA	0.4975 j	NA	NA	NA	NA	NA	NA
NA	0.29 j	NA	NA	NA	NA	NA	NA
NA	0.181 j	NA	NA	NA	NA	NA	NA
NA	0.115 j	NA	NA	NA	NA	NA	NA
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NA	<1	NA	NA	NA	NA	NA	NA
NA	0.348 j	NA	NA	NA	NA	NA	NA
NA	0.239 j	NA	NA	NA	NA	0.089	NA
NA	0.105 j	NA	NA	NA	NA	NA	NA

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NA	0.12 j	NA	NA	NA	NA	NA	NA
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NA	<1	NA	NA	NA	NA	NA	NA
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NA	0.902 j	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

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NA	0.068 j	NA	NA	NA	NA	NA	NA
NA	0.039 j	NA	NA	NA	NA	NA	NA
NA	0.034 j	NA	NA	NA	NA	NA	NA
NA	0.094 j	NA	NA	NA	NA	0.055	NA
NA	0.683 j	NA	NA	NA	NA	<0.05	NA
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NA	0.1976 j	NA	NA	NA	NA	<0.05	NA
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NA	0.7 j	NA	NA	NA	NA	<0.05	NA
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NA	NA	NA	NA	NA	NA	NA	NA

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NA	0.22	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
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NA	0.28	NA	NA	NA	NA	NA	NA
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NA	0.045 j	NA	NA	NA	NA	NA	NA
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NA	0.658 j	NA	NA	NA	NA	NA	NA
NA	0.796 j	NA	NA	NA	NA	NA	NA
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NA	<2	NA	NA	NA	NA	NA	NA
NA	<10	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	0.946 j	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	0.64	NA	NA	NA	NA	NA	NA
NA	0.68	NA	NA	NA	NA	NA	NA
NA	0.68	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.65	NA	NA	NA	NA	NA	NA
NA	0.63	NA	NA	NA	NA	NA	NA
NA	0.79	NA	NA	NA	NA	NA	NA
NA	0.72	NA	NA	NA	NA	NA	NA

NA	0.6	NA	NA	NA	NA	NA	NA
NA	0.8	NA	NA	NA	NA	NA	NA
NA	0.81	NA	NA	NA	NA	NA	NA
NA	0.69	NA	NA	NA	NA	NA	NA
NA	0.56	NA	NA	NA	NA	NA	NA
NA	0.35 j	NA	NA	NA	NA	NA	NA
NA	0.6	NA	NA	NA	NA	NA	NA
NA	0.61	NA	NA	NA	NA	NA	NA
NA	0.6	NA	NA	NA	NA	NA	NA
NA	0.5	NA	NA	NA	NA	NA	NA
NA	0.53	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	0.64	NA	NA	NA	NA	NA	NA
NA	0.58	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	0.7	NA	NA	NA	NA	NA	NA
NA	0.72	NA	NA	NA	NA	NA	NA
NA	0.52	NA	NA	NA	NA	NA	NA
NA	0.51	NA	NA	NA	NA	NA	NA
NA	0.23 j	NA	NA	NA	NA	NA	NA
NA	0.58	NA	NA	NA	NA	NA	NA
NA	0.55	NA	NA	NA	NA	NA	NA
NA	0.43	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	0.35	NA	NA	NA	NA	NA	NA
NA	0.42	NA	NA	NA	NA	NA	NA
NA	0.39	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	0.45	NA	NA	NA	NA	NA	NA
NA	0.43	NA	NA	NA	NA	NA	NA
NA	0.38	NA	NA	NA	NA	NA	NA
NA	0.38	NA	NA	NA	NA	NA	NA
NA	0.32	NA	NA	NA	NA	NA	NA
NA	0.38	NA	NA	NA	NA	NA	NA
NA	0.45	NA	NA	NA	NA	NA	NA
NA	0.46	NA	NA	NA	NA	NA	NA
NA	0.49	NA	NA	NA	NA	NA	NA
NA	0.38	NA	NA	NA	NA	NA	NA
NA	0.41	NA	NA	NA	NA	NA	NA
NA	0.41	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	0.46	NA	NA	NA	NA	NA	NA
NA	0.47	NA	NA	NA	NA	NA	NA
NA	0.44	NA	NA	NA	NA	NA	NA

NA	0.41	NA	NA	NA	NA	NA	NA
NA	0.5	NA	NA	NA	NA	NA	NA
NA	0.48	NA	NA	NA	NA	NA	NA
NA	0.2	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	NA	NA
NA	0.2	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	0.39	NA	NA	NA	NA	NA	NA
NA	0.44	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.34	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	0.37	NA	NA	NA	NA	NA	NA
NA	0.35	NA	NA	NA	NA	NA	NA
NA	0.4	NA	NA	NA	NA	NA	NA
NA	0.43	NA	NA	NA	NA	NA	NA
NA	0.39	NA	NA	NA	NA	NA	NA
NA	0.44	NA	NA	NA	NA	NA	NA
NA	0.38	NA	NA	NA	NA	NA	NA
NA	0.39	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.078 j	NA	NA	NA	NA	NA	NA
NA	0.056 j	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA

NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	0.533 j	NA	NA	NA	NA	NA	NA
NA	0.1 j	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.06 j	NA	NA	NA	NA	NA	NA
NA	0.0931 j	NA	NA	NA	NA	NA	NA
NA	0.063 j	NA	NA	NA	NA	NA	NA
NA	0.047 j	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.2	NA	NA	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.23	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
NA	0.25	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	NA	NA

NA	0.21	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
NA	0.2	NA	NA	NA	NA	NA	NA
NA	0.2	NA	NA	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	NA	NA
NA	0.2	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	NA	NA
NA	0.23	NA	NA	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	0.08 j	NA	NA	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.27	NA	NA	NA	NA	NA	NA
NA	0.27	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
NA	0.28	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.28	NA	NA	NA	NA	NA	NA
NA	0.27	NA	NA	NA	NA	NA	NA
NA	0.3	NA	NA	NA	NA	NA	NA
NA	0.28	NA	NA	NA	NA	NA	NA
NA	0.25	NA	NA	NA	NA	NA	NA
NA	0.11 M1	NA	NA	NA	NA	<0.05	NA
NA	0.091 j	NA	NA	NA	NA	<0.05	NA
NA	0.15	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	0.63	NA	NA	NA	NA	0.06	NA
NA	0.14	NA	NA	NA	NA	<0.05	NA

NA	0.28	NA	NA	NA	NA	<0.05	NA
NA	0.2	NA	NA	NA	NA	<0.05	NA
NA	0.099 j	NA	NA	NA	NA	<0.05	NA
NA	0.21	NA	NA	NA	NA	<0.05	NA
NA	0.16	NA	NA	NA	NA	<0.05	NA
NA	0.18	NA	NA	NA	NA	<0.05	NA
NA	0.27	NA	NA	NA	NA	<0.05	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA
NA	0.27	NA	NA	NA	NA	0.057	NA
NA	0.11	NA	NA	NA	NA	<0.05	NA
NA	0.158 j	NA	NA	NA	NA	<0.05	NA
NA	0.36 j	NA	NA	NA	NA	0.061	NA
NA	NA	NA	0.19	NA	NA	NA	NA
NA	NA	NA	0.44	NA	NA	NA	NA
NA	NA	NA	0.21	NA	NA	NA	NA
NA	NA	NA	0.23	NA	NA	NA	NA
NA	NA	NA	0.39	NA	NA	NA	NA
NA	NA	NA	0.37	NA	NA	NA	NA
NA	NA	NA	0.34	NA	NA	NA	NA
NA	NA	NA	0.7	NA	NA	NA	NA
NA	NA	NA	0.55	NA	NA	NA	NA
NA	NA	NA	0.42	NA	NA	NA	NA
NA	NA	NA	0.94	NA	NA	NA	NA
NA	NA	NA	0.6	NA	NA	NA	NA
NA	NA	NA	0.28	NA	NA	NA	NA
NA	NA	NA	0.27	NA	NA	NA	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.5	NA	NA	NA	NA
NA	NA	NA	<0.5	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.5	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.5	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.5	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.85	NA	NA	NA	NA
NA	0.4	NA	NA	NA	NA	0.29	NA
NA	0.32	NA	NA	NA	NA	0.29	NA
NA	NA	NA	2.3	NA	NA	NA	NA

NA	0.6	NA	NA	NA	NA	0.3	NA
NA	NA	NA	0.33	NA	NA	NA	NA
NA	0.34	NA	NA	NA	NA	0.3	NA
NA	NA	NA	0.31	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.44	NA	NA	NA	NA
NA	NA	NA	0.17	NA	NA	NA	NA
NA	NA	NA	0.23	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	0.21	NA	NA	NA	NA
NA	NA	NA	0.28	NA	NA	NA	NA
NA	NA	NA	0.25	NA	NA	NA	NA
NA	NA	NA	0.29	NA	NA	NA	NA
NA	NA	NA	0.34	NA	NA	NA	NA
NA	NA	NA	0.25	NA	NA	NA	NA
NA	NA	NA	0.26	NA	NA	NA	NA
NA	NA	NA	0.26	NA	NA	NA	NA
NA	NA	NA	0.22	NA	NA	NA	NA
NA	NA	NA	0.26	NA	NA	NA	NA
NA	NA	NA	1.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.1	NA	NA	NA	NA
NA	NA	NA	1.1	NA	NA	NA	NA
NA	NA	NA	1.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.2	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.4	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	0.74	NA	NA	NA	NA	0.15	NA
NA	0.63	NA	NA	NA	NA	0.11	NA
NA	NA	NA	0.85	NA	NA	NA	NA
NA	0.67	NA	NA	NA	NA	0.13	NA
NA	NA	NA	0.97	NA	NA	NA	NA
NA	0.82	NA	NA	NA	NA	0.16	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	0.85	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.68	NA	NA	NA	NA
NA	0.82	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.97	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.4	NA	NA	NA	NA
NA	NA	NA	0.18	NA	NA	NA	NA
NA	NA	NA	0.2	NA	NA	NA	NA
NA	NA	NA	0.3	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	0.22	NA	NA	NA	NA
NA	NA	NA	0.22 b	NA	NA	NA	NA
NA	NA	NA	0.22	NA	NA	NA	NA
NA	NA	NA	0.22	NA	NA	NA	NA
NA	NA	NA	0.19	NA	NA	NA	NA
NA	NA	NA	0.2	NA	NA	NA	NA
NA	NA	NA	0.22	NA	NA	NA	NA
NA	NA	NA	0.19	NA	NA	NA	NA
NA	NA	NA	0.18	NA	NA	NA	NA
NA	NA	NA	0.9	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.92	NA	NA	NA	NA
NA	NA	NA	0.94	NA	NA	NA	NA
NA	NA	NA	0.96	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.2	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	0.059	NA
NA	0.29	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	0.28	NA	NA	NA	NA	0.053	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	0.2	NA	NA	NA	NA	0.066	NA
NA	NA	NA	1.6	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.6	NA	NA	NA	NA
NA	NA	NA	1.6	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	1.6	NA	NA	NA	NA
NA	NA	NA	0.58	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	0.59	NA	NA	NA	NA
NA	NA	NA	0.61	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	0.57	NA	NA	NA	NA
NA	NA	NA	0.67	NA	NA	NA	NA
NA	NA	NA	<0.023	NA	NA	NA	NA
NA	NA	NA	0.62	NA	NA	NA	NA
NA	NA	NA	0.53	NA	NA	NA	NA
NA	NA	NA	0.03	NA	NA	NA	NA
NA	NA	NA	0.54	NA	NA	NA	NA
NA	NA	NA	0.59	NA	NA	NA	NA
NA	NA	NA	<0.023	NA	NA	NA	NA
NA	NA	NA	2.6	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.97	NA	NA	NA	NA
NA	NA	NA	0.32	NA	NA	NA	NA
NA	NA	NA	2.6	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	3	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.31	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	2.9	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	3.8	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	0.072	NA
NA	0.13	NA	NA	NA	NA	0.081	NA
NA	NA	NA	0.17	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	0.067	NA
NA	NA	NA	2.9	NA	NA	NA	NA
NA	0.082 j	NA	NA	NA	NA	0.079	NA
NA	NA	NA	0.36	NA	NA	NA	NA
NA	0.072 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.2	NA	NA	NA	NA
NA	0.19 M1	NA	NA	NA	NA	NA	NA
NA	NA	NA	2.9	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	3.6	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA

NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	0.086 b	NA	NA	NA	NA
NA	NA	NA	0.072 b	NA	NA	NA	NA
NA	NA	NA	0.11	NA	NA	NA	NA
NA	NA	NA	0.07	NA	NA	NA	NA
NA	NA	NA	<0.023	NA	NA	NA	NA
NA	NA	NA	0.09	NA	NA	NA	NA
NA	NA	NA	0.06	NA	NA	NA	NA
NA	NA	NA	0.03	NA	NA	NA	NA
NA	NA	NA	0.06	NA	NA	NA	NA
NA	NA	NA	0.18	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.13	NA	NA	NA	NA
NA	NA	NA	0.17	NA	NA	NA	NA
NA	NA	NA	0.25	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.19	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.25	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA
NA	0.21	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	0.4	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	0.28	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	0.43	NA	NA	NA	NA
NA	NA	NA	0.59	NA	NA	NA	NA
NA	NA	NA	0.46	NA	NA	NA	NA
NA	NA	NA	0.4	NA	NA	NA	NA
NA	NA	NA	0.45	NA	NA	NA	NA
NA	NA	NA	0.45	NA	NA	NA	NA
NA	NA	NA	0.46	NA	NA	NA	NA

NA	NA	NA	0.44	NA	NA	NA	NA
NA	NA	NA	0.47	NA	NA	NA	NA
NA	NA	NA	0.39	NA	NA	NA	NA
NA	NA	NA	0.48	NA	NA	NA	NA
NA	NA	NA	0.45	NA	NA	NA	NA
NA	NA	NA	0.43	NA	NA	NA	NA
NA	NA	NA	0.48	NA	NA	NA	NA
NA	NA	NA	1.9	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.7	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	2	NA	NA	NA	NA
NA	NA	NA	1.8	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.8	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	0.32	NA	NA	NA	NA	0.059	NA
NA	0.33	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	0.28	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.4	NA	NA	NA	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.4	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	0.26	NA	NA	NA	NA
NA	NA	NA	0.34	NA	NA	NA	NA
NA	NA	NA	0.35	NA	NA	NA	NA
NA	NA	NA	0.16	NA	NA	NA	NA
NA	NA	NA	1.8	NA	NA	NA	NA
NA	NA	NA	0.21	NA	NA	NA	NA

NA	NA	NA	0.7	NA	NA	NA	NA
NA	NA	NA	0.31	NA	NA	NA	NA
NA	NA	NA	0.9	NA	NA	NA	NA
NA	NA	NA	1.2	NA	NA	NA	NA
NA	NA	NA	5.8	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	5.4	NA	NA	NA	NA
NA	NA	NA	5	NA	NA	NA	NA
NA	NA	NA	5.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	5.3	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	4.6	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	3.7	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	3.4	NA	NA	NA	NA
NA	0.57	NA	NA	NA	NA	0.27	NA
NA	0.214 j	NA	NA	NA	NA	0.27	NA
NA	NA	NA	2.5	NA	NA	NA	NA
NA	0.456 j	NA	NA	NA	NA	0.29	NA
NA	NA	NA	2.6	NA	NA	NA	NA
NA	0.257 j	NA	NA	NA	NA	0.32	NA
NA	NA	NA	1.9	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	2.1	NA	NA	NA	NA
NA	NA	NA	1.9	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	1.4	NA	NA	NA	NA
NA	0.27	NA	NA	NA	NA	NA	NA
NA	0.22	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	NA	NA
NA	0.29	NA	NA	NA	NA	NA	NA
NA	0.29	NA	NA	NA	NA	NA	NA
NA	0.31	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	0.28	NA	NA	NA	NA	NA	NA
NA	0.27	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.31	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA

NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.533 j	NA	NA	NA	NA	NA	NA
NA	0.09 j	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	NA	NA
<10	0.26	NA	0.91	NA	NA	NA	0.034
14	0.31	NA	0.94	NA	NA	NA	0.041
<10	0.49	NA	1.12	NA	NA	NA	0.018
<10	0.29	NA	1.17	NA	NA	NA	0.038
15.4	0.35	NA	1.53	NA	NA	NA	0.673
12.8	0.4	NA	1.21	NA	NA	NA	0.0529
16.2	0.36	NA	1.27	NA	NA	NA	0.062
16	0.35	NA	1.04	NA	NA	NA	<1
<10	0.45	NA	1.01	NA	NA	NA	<1
<10	0.321	NA	1.15	NA	NA	NA	<1
<10	0.4	NA	0.92	NA	NA	NA	<1
28	0.32	NA	0.84	NA	NA	NA	<0.06
25	0.36	NA	0.66	NA	NA	NA	0.0822
35	0.46	NA	0.78	NA	NA	NA	0.123
16	0.4	NA	0.83	NA	NA	NA	0.0987
30	0.4	NA	0.85	NA	NA	NA	<0.1
<25	<0.5	NA	2.3	NA	NA	NA	<0.1
<25	<0.5	NA	1.4	NA	NA	NA	0.09 J
<25	<0.5	NA	1	NA	NA	NA	<0.1
<25	<0.5	NA	0.86	NA	NA	NA	0.053 JB
<25	<0.5	NA	0.92	NA	NA	NA	<0.1
<20	<1	NA	0.83	NA	NA	NA	<0.1
<20	<1	NA	0.89	NA	NA	NA	0.056
<20	<1	NA	0.82	NA	NA	NA	<0.1
<20	<1	NA	0.93	NA	NA	NA	0.1
NA	<1	NA	0.8	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.642 j	NA	5.6 N1	NA	NA	NA	NA
NA	0.719 j	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA

NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.34 j	NA	3.1	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.411 j	NA	4.1	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	3.4	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	0.14	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.645 j	NA	NA	NA	NA	0.14	NA
NA	<1	NA	2.6	NA	NA	NA	NA
NA	0.763 j	NA	NA	NA	NA	NA	NA
NA	0.663 j	NA	NA	NA	NA	0.15	NA
NA	0.045 j	NA	NA	NA	NA	NA	NA
NA	0.521 j	NA	NA	NA	NA	0.15	NA
NA	0.605 j	NA	2.2	NA	NA	NA	NA
NA	0.089 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.521 j	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.253 j	NA	NA	NA	NA	NA	NA
11	0.19	NA	0.43	NA	NA	NA	0.02
10	0.2	NA	0.48	NA	NA	NA	0.016
<10	0.28	NA	0.67	NA	NA	NA	0.012
<10	0.2	NA	0.44	NA	NA	NA	0.034
12.7	0.22	NA	0.54	NA	NA	NA	0.028
<10	0.28	NA	0.03	NA	NA	NA	0.0327
<10	0.27	NA	0.6	NA	NA	NA	0.0519
11.5	0.27	NA	0.56	NA	NA	NA	<1
<10	0.26	NA	0.59	NA	NA	NA	<1
<10	0.193	NA	0.6	NA	NA	NA	<1
<10	0.26	NA	0.52	NA	NA	NA	<1
<10	0.24	NA	0.58	NA	NA	NA	<0.06
23	0.21	NA	0.36	NA	NA	NA	<0.06
35	0.28	NA	0.4	NA	NA	NA	0.164

<3.1	0.23	NA	0.45	NA	NA	NA	0.065
28	0.17	NA	0.43	NA	NA	NA	<0.1
<25	<0.5	NA	1.4	NA	NA	NA	<0.1
<25	<0.5	NA	0.86	NA	NA	NA	0.02 J
<25	<0.5	NA	0.98	NA	NA	NA	0.09
<25	<0.5	NA	1.1	NA	NA	NA	0.011 JB
<25	<0.5	NA	0.76	NA	NA	NA	<0.1
<20	0.4	NA	1.1	NA	NA	NA	0.1
<20	<1	NA	0.83	NA	NA	NA	0.101
<20	0.31	NA	1.3	NA	NA	NA	<0.1
<20	0.35	NA	1.3	NA	NA	NA	0.21
NA	0.31	NA	1.3	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.261	NA	7	NA	NA	NA	NA
NA	0.174	NA	NA	NA	NA	NA	NA
NA	0.23 j	NA	3.6	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.216 j	NA	3.4	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	2.7	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	0.12	NA
NA	0.528 j	NA	NA	NA	NA	0.17	NA
NA	<0.5	NA	3.6	NA	NA	NA	NA
NA	0.395 j	NA	NA	NA	NA	0.14	NA
NA	<1	NA	NA	NA	NA	0.17	NA
NA	0.279 j	NA	3.8	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.275 j	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.087 j	NA	NA	NA	NA	NA	NA
18	0.2	NA	<0.02	NA	NA	NA	0.032
13	0.11	NA	0.03	NA	NA	NA	0.035
<10	0.14	NA	<0.02	NA	NA	NA	0.025
<10	0.11	NA	<0.02	NA	NA	NA	0.062
12	0.11	NA	<0.02	NA	NA	NA	0.0716
11.2	0.15	NA	0.03	NA	NA	NA	0.0687
11.2	0.17	NA	0.09	NA	NA	NA	0.0821
20.8	0.16	NA	0.16	NA	NA	NA	<1
<10	0.11	NA	0.14	NA	NA	NA	<1
11.2	0.11	NA	0.19	NA	NA	NA	<1
13.4	0.14	NA	0.15	NA	NA	NA	<1

22	0.12	NA	0.21	NA	NA	NA	0.06
21	0.12	NA	0.17	NA	NA	NA	0.146
14	0.17	NA	0.14	NA	NA	NA	0.201
6.9	0.18	NA	0.16	NA	NA	NA	0.194
46	0.1	NA	<0.1	NA	NA	NA	<0.1
<25	**3.3**	NA	1.7	NA	NA	NA	<0.1
<25	<0.5	NA	0.21	NA	NA	NA	0.07 J
<25	<0.5	NA	<0.2	NA	NA	NA	<0.1
<25	<0.5	NA	0.21	NA	NA	NA	0.02 JB
<25	<0.5	NA	0.25 B	NA	NA	NA	<0.1
<20	<1	NA	0.22	NA	NA	NA	0.14
<20	<1	NA	0.26	NA	NA	NA	0.143
<20	<1	NA	0.13	NA	NA	NA	<0.1
<20	<1	NA	0.13	NA	NA	NA	0.23
NA	<1	NA	0.15	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.399 j	NA	<1	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
16.3 J	<1	NA	<1	NA	NA	NA	0.794 J6
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	1.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	<2	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	1.4	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.476 j	NA	NA	NA	NA	<0.05	NA
NA	0.48 j	NA	1.3	NA	NA	NA	NA
NA	0.511 j	NA	NA	NA	NA	<0.05	NA
NA	0.543 j	NA	NA	NA	NA	<0.05	NA
NA	0.461 j	NA	NA	NA	NA	<0.05	NA
NA	0.404 j	NA	NA	NA	NA	0.054	NA
NA	0.466 j	NA	2.7	NA	NA	NA	NA
NA	0.116 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.53 j	NA	NA	NA	NA	0.063	NA
NA	0.176 j	NA	NA	NA	NA	<0.05	NA
NA	0.073 j	NA	NA	NA	NA	NA	NA
<10	0.11	NA	0.13	NA	NA	NA	<0.01
13	0.11	NA	0.14	NA	NA	NA	<0.01
<10	0.13	NA	0.11	NA	NA	NA	<0.01

<10	0.1	NA	0.01	NA	NA	NA	0.012
<10	0.1	NA	0.13	NA	NA	NA	0.0147
<10	0.12	NA	0.1	NA	NA	NA	<0.01
<10	0.12	NA	0.11	NA	NA	NA	0.0507
<10	0.12	NA	0.12	NA	NA	NA	<1
<10	<0.1	NA	0.12	NA	NA	NA	<1
<10	0.098	NA	0.44	NA	NA	NA	<1
<10	0.12	NA	0.11	NA	NA	NA	<1
<10	0.1	NA	0.1	NA	NA	NA	0.06
11	0.12	NA	0.23	NA	NA	NA	<0.06
11	0.27	NA	0.072	NA	NA	NA	<0.03
<3.1	0.18	NA	0.086	NA	NA	NA	<0.03
<25	0.12	NA	<0.1	NA	NA	NA	<0.1
<25	<0.5	NA	<1	NA	NA	NA	<0.1
<25	<0.5	NA	<0.1	NA	NA	NA	0.01 J
<25	<0.5	NA	<0.2	NA	NA	NA	<0.1
<25	<0.5	NA	<0.2	NA	NA	NA	0.016 JB
<25	<0.5	NA	0.097 B	NA	NA	NA	<0.1
<20	0.21	NA	0.07	NA	NA	NA	<0.1
<20	0.18	NA	0.08	NA	NA	NA	<0.03
<20	0.17	NA	0.09	NA	NA	NA	<0.1
<20	0.2	NA	0.12	NA	NA	NA	<0.1
NA	0.16	NA	0.19	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.115	NA	1.5	NA	NA	NA	NA
NA	0.126	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.112	NA	1.7	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.102	NA	1.9	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.14	NA	1.8	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	0.38	NA
NA	0.14	NA	NA	NA	NA	NA	NA

NA	0.11	NA	NA	NA	NA	0.39	NA
NA	0.152	NA	2.1	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	0.38	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	0.41	NA
NA	0.133	NA	2.7	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.146	NA	NA	NA	NA	NA	NA
NA	0.078 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.109	NA	NA	NA	NA	NA	NA
<10	0.14	NA	0.11	NA	NA	NA	0.012
12	0.14	NA	0.18	NA	NA	NA	<0.01
<10	0.18	NA	0.28	NA	NA	NA	<0.01
<10	0.13	NA	0.32	NA	NA	NA	0.016
<10	0.14	NA	0.38	NA	NA	NA	0.013
<10	0.16	NA	0.3	NA	NA	NA	0.0201
<10	0.17	NA	0.36	NA	NA	NA	0.0444
<10	0.17	NA	0.34	NA	NA	NA	<1
<10	0.18	NA	0.29	NA	NA	NA	<1
<10	0.127	NA	0.14	NA	NA	NA	<1
<10	0.15	NA	0.3	NA	NA	NA	<1
<10	0.15	NA	0.38	NA	NA	NA	<0.06
<8	0.17	NA	0.28	NA	NA	NA	<0.06
6.7	0.24	NA	0.34	NA	NA	NA	<0.03
6.9	0.2	NA	0.29	NA	NA	NA	<0.03
32	0.14	NA	0.3	NA	NA	NA	<0.1
<25	<0.5	NA	1.1	NA	NA	NA	<0.1
<25	<0.5	NA	0.35	NA	NA	NA	0.06 J
<25	<0.5	NA	0.27	NA	NA	NA	<0.1
<25	<0.5	NA	0.37	NA	NA	NA	0.032 JB
<25	<0.5	NA	0.42	NA	NA	NA	<0.1
<20	0.22	NA	0.38	NA	NA	NA	<0.1
<20	0.19	NA	0.41	NA	NA	NA	<0.03
<20	0.17	NA	0.43	NA	NA	NA	<0.1
<20	0.21	NA	0.42	NA	NA	NA	<0.1
NA	0.17	NA	0.36	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.195	NA	1.9	NA	NA	NA	NA
NA	0.141	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	0.126	NA	2.3	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.123	NA	2.3	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.16	NA	2.7	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	0.27	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	0.22	NA
NA	0.164	NA	3	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	0.26	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	0.23	NA
NA	0.138	NA	3.2	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.139	NA	NA	NA	NA	NA	NA
NA	0.0886 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.123	NA	NA	NA	NA	NA	NA
11	0.15	NA	0.04	NA	NA	NA	<0.01
11	0.16	NA	0.46	NA	NA	NA	<0.01
<10	0.2	NA	0.34	NA	NA	NA	<0.01
<10	0.14	NA	0.36	NA	NA	NA	0.016
16.4	0.12	NA	0.44	NA	NA	NA	0.0148
<10	0.19	NA	0.34	NA	NA	NA	0.0193
<10	0.21	NA	0.3	NA	NA	NA	0.0394
14.2	0.15	NA	0.24	NA	NA	NA	<1
<10	0.13	NA	0.04	NA	NA	NA	<1
<10	0.136	NA	0.27	NA	NA	NA	<1
<10	0.14	NA	0.11	NA	NA	NA	<1
<10	0.14	NA	0.22	NA	NA	NA	<0.06
37	0.16	NA	0.23	NA	NA	NA	<0.06
21	0.25	NA	0.21	NA	NA	NA	<0.03
8.2	0.17	NA	0.23	NA	NA	NA	<0.03
48	0.1	NA	<0.1	NA	NA	NA	<0.1

<25	<0.5	NA	2	NA	NA	NA	<0.1
<25	<0.5	NA	0.23	NA	NA	NA	0.02 J
<25	<0.5	NA	0.21	NA	NA	NA	<0.1
<25	<0.5	NA	0.21	NA	NA	NA	0.028 JB
<25	<0.5	NA	0.27 B	NA	NA	NA	<0.1
<20	0.24	NA	0.22	NA	NA	NA	<0.1
<20	0.2	NA	0.25	NA	NA	NA	<0.03
<20	0.16	NA	0.23	NA	NA	NA	0.21
<20	0.2	NA	0.24	NA	NA	NA	<0.1
NA	0.17	NA	0.19	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.312 j	NA	1.1 N1	NA	NA	NA	NA
NA	0.318 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.145 j	NA	2.7	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.263 j	NA	1.6	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	5.3	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.487 j	NA	NA	NA	NA	<0.05	NA
NA	0.456 j	NA	2.1	NA	NA	NA	NA
NA	0.422 j	NA	NA	NA	NA	<0.05	NA
NA	0.371 j	NA	NA	NA	NA	0.077	NA
NA	<1	NA	1.6	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.05 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	0.053	NA
NA	1.004 j	NA	NA	NA	NA	<0.05	NA
NA	0.95 j	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	0.061	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	0.089	NA
NA	0.535 j	NA	NA	NA	NA	0.078	NA
NA	0.491 j	NA	NA	NA	NA	0.076	NA
NA	<1	NA	NA	NA	NA	0.089	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.241 j	NA	NA	NA	NA	<0.05	NA

NA	0.921 j	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.2965 j	NA	NA	NA	NA	<0.05	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	0.35 j	NA	NA	NA	NA	<0.05	NA
NA	0.185 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.52	NA	NA	NA	NA	0.073	NA
NA	0.4	NA	NA	NA	NA	0.065	NA
NA	0.4	NA	NA	NA	NA	0.057	NA
NA	0.39	NA	NA	NA	NA	0.083	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.2385 j	NA	NA	NA	NA	<0.05	NA
NA	0.072 j	NA	NA	NA	NA	<0.05	NA
NA	0.198 j	NA	NA	NA	NA	<0.05	NA
NA	0.138 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	0.064	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.404 j	NA	NA	NA	NA	0.052	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	0.056	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	0.06	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	0.083	NA
NA	0.186 j	NA	NA	NA	NA	<0.05	NA
NA	0.1356 j	NA	NA	NA	NA	0.1	NA
NA	0.1028 j	NA	NA	NA	NA	0.056	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	0.093	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA
NA	0.22	NA	NA	NA	NA	<0.05	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA
NA	0.11	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	0.2595 j	NA	NA	NA	NA	<0.05	NA

NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	0.076	NA
NA	0.55 j	NA	NA	NA	NA	0.064	NA
NA	0.469 j	NA	NA	NA	NA	0.073	NA
NA	<1	NA	NA	NA	NA	0.09	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.21	NA	NA	NA	NA	<0.05	NA
NA	0.19	NA	NA	NA	NA	<0.05	NA
NA	0.2	NA	NA	NA	NA	0.061	NA
NA	0.24	NA	NA	NA	NA	0.091	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.25	NA	NA	NA	NA	0.066	NA
NA	0.26	NA	NA	NA	NA	0.094	NA
NA	0.22	NA	NA	NA	NA	<0.05	NA
NA	0.2	NA	NA	NA	NA	<0.05	NA
NA	0.2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA
NA	0.16	NA	NA	NA	NA	<0.05	NA
NA	0.13	NA	NA	NA	NA	<0.05	NA
NA	0.11	NA	NA	NA	NA	<0.05	NA
NA	0.075 j	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	0.081 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	0.2 j	NA	NA	NA	NA	<0.05	NA
NA	0.305 j	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	0.62 j	NA	NA	NA	NA	<0.05	NA
NA	0.27 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.39	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.34	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.38	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.31	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.28	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.33	NA	NA	NA	NA	NA	NA
NA	0.35	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.39	NA	NA	NA	NA	<0.05	NA
NA	0.51	NA	NA	NA	NA	NA	NA
NA	0.39	NA	NA	NA	NA	<0.05	NA
NA	0.38	NA	NA	NA	NA	NA	NA
NA	0.35	NA	NA	NA	NA	<0.05	NA
NA	0.4	NA	NA	NA	NA	NA	NA
NA	0.32	NA	NA	NA	NA	<0.05	NA
NA	0.39	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	<0.05	NA
NA	0.1	NA	NA	NA	NA	NA	NA
NA	0.069 j	NA	NA	NA	NA	<0.05	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	<0.05	NA
NA	0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	<0.05	NA
NA	0.084 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.058 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	<0.05 M1,R1	NA
NA	0.17	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	<0.05 M1	NA
NA	0.13	NA	NA	NA	NA	NA	NA

NA	0.061 j	NA	NA	NA	NA	<0.05	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.078 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	<0.05	NA
NA	0.19	NA	NA	NA	NA	<0.05	NA
NA	0.15	NA	NA	NA	NA	<0.05	NA
NA	0.14	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.2	NA	NA	NA	NA	NA	NA
NA	<0.2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	0.19	NA
NA	<0.2	NA	NA	NA	NA	NA	NA
NA	0.1768 j	NA	NA	NA	NA	0.17	NA
NA	0.15 S1	NA	NA	NA	NA	NA	NA
NA	0.1208 j	NA	NA	NA	NA	0.17	NA
NA	0.102 j	NA	NA	NA	NA	NA	NA
NA	0.1066 j	NA	NA	NA	NA	0.19	NA

NA	0.053 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0478 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.23	NA	NA	NA	NA	0.059	NA
NA	0.16	NA	NA	NA	NA	<0.05	NA
NA	0.18	NA	NA	NA	NA	0.062	NA
NA	0.15	NA	NA	NA	NA	0.059	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.16 B2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	<0.05	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.0877 j	NA	NA	NA	NA	<0.05	NA
NA	0.0895 j	NA	NA	NA	NA	NA	NA
NA	0.0746 j	NA	NA	NA	NA	<0.05	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.057 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12 B2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	0.1	NA	NA	NA	NA	<0.05	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	0.0695 j	NA	NA	NA	NA	<0.05	NA
NA	0.0751 j	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	<0.05	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	0.054	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	<0.05	NA
NA	0.18	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	<0.05	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	<0.05	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	<0.05	NA
NA	0.18	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	<0.05 M1	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	<0.05	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5 B2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.77	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	0.1985 j	NA	NA	NA	NA	<0.05	NA
NA	0.166 j	NA	NA	NA	NA	NA	NA
NA	0.2525 j	NA	NA	NA	NA	<0.05	NA
NA	0.07 j	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	<0.2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	<0.2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.26 B2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<2.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	<0.2	NA	NA	NA	NA	NA	NA
NA	0.2805 j	NA	NA	NA	NA	<0.05	NA
NA	0.1868 j	NA	NA	NA	NA	NA	NA
NA	0.24 j	NA	NA	NA	NA	<0.05	NA
NA	0.21 j	NA	NA	NA	NA	NA	NA
NA	0.189 j	NA	NA	NA	NA	0.055	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.034 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.2	NA	NA	NA	NA	0.26	NA
NA	0.19	NA	NA	NA	NA	0.3	NA

NA	0.1684 j	NA	NA	NA	NA	0.35	NA
NA	0.1434 j	NA	NA	NA	NA	0.3	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	0.079 j	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.8 j	NA	NA	NA	NA	<0.05	NA
NA	0.12 j	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	0.3 j	NA	NA	NA	NA	<0.05	NA
NA	0.214 j	NA	NA	NA	NA	<0.05	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	0.115 j	NA	NA	NA	NA	<0.05	NA
NA	0.155 j	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.037 j	NA	NA	NA	NA	<0.05	NA
NA	0.069 j	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	0.052	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.128 j	NA	NA	NA	NA	0.061	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	0.13	NA	NA	NA	NA	<0.05	NA
NA	0.073 j	NA	NA	NA	NA	<0.05	NA
NA	0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.092 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	<0.05	NA
NA	0.23	NA	NA	NA	NA	<0.05	NA
NA	0.21	NA	NA	NA	NA	<0.05	NA
NA	0.1946 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.375 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	0.073	NA
NA	<2	NA	NA	NA	NA	0.064	NA
NA	1.124 j	NA	NA	NA	NA	0.076	NA
NA	<2	NA	NA	NA	NA	0.12	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	0.18	NA	NA	NA	NA	0.11	NA
NA	0.13	NA	NA	NA	NA	0.097	NA
NA	0.13	NA	NA	NA	NA	0.11	NA
NA	0.093 j	NA	NA	NA	NA	0.11	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.078 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.68	NA	NA	NA	NA	<0.05	NA
NA	0.65	NA	NA	NA	NA	<0.05	NA
NA	0.58	NA	NA	NA	NA	<0.05	NA
NA	0.54	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.2	NA	NA	NA	NA	<0.05	NA
NA	0.137 j	NA	NA	NA	NA	<0.05	NA
NA	0.21	NA	NA	NA	NA	<0.05	NA
NA	0.123 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	<0.05	NA
NA	0.13	NA	NA	NA	NA	<0.05	NA

NA	0.13	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	0.31 j	NA	NA	NA	NA	<0.05	NA
NA	0.2195 j	NA	NA	NA	NA	<0.05	NA
NA	0.1755 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.3	NA	NA	NA	NA	0.063	NA
NA	0.23	NA	NA	NA	NA	0.052	NA
NA	0.24	NA	NA	NA	NA	<0.05	NA
NA	0.25	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.23	NA	NA	NA	NA	<0.05	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA
NA	0.18	NA	NA	NA	NA	<0.05	NA
NA	0.15	NA	NA	NA	NA	<0.05	NA
NA	0.16	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	0.09 j	NA	NA	NA	NA	<0.05	NA
NA	0.11	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	0.094 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	0.058	NA
NA	0.11	NA	NA	NA	NA	0.057	NA
NA	0.1	NA	NA	NA	NA	0.053	NA
NA	0.065 j	NA	NA	NA	NA	0.059	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.91	NA	NA	NA	NA	<0.05	NA
NA	1.1	NA	NA	NA	NA	<0.05	NA
NA	1.1	NA	NA	NA	NA	<0.05	NA
NA	0.89	NA	NA	NA	NA	<0.05	NA
NA	0.8	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.88	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.24	NA	NA	NA	NA	<0.05	NA
NA	0.168 j	NA	NA	NA	NA	<0.05	NA
NA	0.0592 j	NA	NA	NA	NA	<0.05	NA
NA	<0.1	NA	NA	NA	NA	<0.05	NA
NA	0.056 j	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.45 j	NA	NA	NA	NA	<0.05	NA
NA	0.107 j	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.55 j	NA	NA	NA	NA	<0.05	NA
NA	0.22 j	NA	NA	NA	NA	<0.05	NA

NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	<0.5	NA	NA	NA	NA	<0.05	NA
NA	0.26 j	NA	NA	NA	NA	<0.05	NA
NA	0.095 j	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	0.47 j	NA	NA	NA	NA	<0.05	NA
NA	0.16 j	NA	NA	NA	NA	<0.05	NA
NA	0.425 j	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.57 j	NA	NA	NA	NA	<0.05	NA
NA	0.28 j	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	0.82 j	NA	NA	NA	NA	<0.05	NA
NA	0.14 j	NA	NA	NA	NA	<0.05	NA
NA	0.472 j	NA	NA	NA	NA	0.067	NA
NA	<2	NA	NA	NA	NA	0.068	NA
NA	1 j	NA	NA	NA	NA	0.054	NA
NA	0.32 j	NA	NA	NA	NA	0.075	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.43 j	NA	NA	NA	NA	<0.05	NA
NA	0.072 j	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	0.064	NA
NA	<1	NA	NA	NA	NA	0.073	NA
NA	0.45 j	NA	NA	NA	NA	0.078	NA
NA	0.103 j	NA	NA	NA	NA	0.06	NA
NA	0.374 j	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	0.54 j	NA	NA	NA	NA	0.072	NA
NA	0.187 j	NA	NA	NA	NA	0.067	NA
NA	0.2	NA	NA	NA	NA	<0.05	NA
NA	0.22	NA	NA	NA	NA	<0.05	NA
NA	0.614 j	NA	NA	NA	NA	<0.05	NA
NA	0.1	NA	NA	NA	NA	<0.05	NA
NA	0.035 j	NA	NA	NA	NA	<0.05	NA
NA	0.063 j	NA	NA	NA	NA	<0.05	NA
NA	0.27 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	<0.4	NA	NA	NA	NA	NA	NA
NA	<0.4	NA	NA	<0.01	<0.2	0.03	NA
NA	<0.2	470	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.4	NA	NA	<0.01	<0.2	0.08	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

OTHER PARAMETERS							
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	12	NA	NA	NA	NA
NA	NA	NA	12	NA	NA	NA	NA
NA	0.25	NA	NA	NA	NA	0.051	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.05 j	NA	NA	NA	NA	NA	NA
NA	<0.5	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	NA	NA
NA	<2.5	NA	NA	NA	NA	NA	NA
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NA	<2	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	NA	NA
NA	<5	NA	NA	NA	NA	NA	NA
NA	0.47	NA	NA	NA	NA	NA	NA
NA	0.36	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	NA	NA
NA	0.19	NA	NA	NA	NA	NA	NA
NA	0.14	NA	NA	NA	NA	NA	NA
NA	0.23	NA	NA	NA	NA	NA	NA
NA	0.15	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.28	NA	NA	NA	NA	NA	NA

NA	0.26	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.4	NA	NA	NA	NA
NA	NA	NA	0.44	NA	NA	NA	NA
NA	NA	NA	0.6	NA	NA	NA	NA
NA	NA	NA	<0.2	NA	NA	NA	NA
NA	NA	NA	0.22 b	NA	NA	NA	NA
NA	NA	NA	0.21	NA	NA	NA	NA
NA	NA	NA	0.18	NA	NA	NA	NA
NA	NA	NA	0.92	NA	NA	NA	NA
NA	NA	NA	1.2	NA	NA	NA	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	NA	NA	1.5	NA	NA	NA	NA
NA	NA	NA	1.7	NA	NA	NA	NA
NA	NA	NA	0.59	NA	NA	NA	NA
NA	NA	NA	0.58	NA	NA	NA	NA
NA	NA	NA	0.03	NA	NA	NA	NA
NA	NA	NA	0.6	NA	NA	NA	NA
NA	NA	NA	2.6	NA	NA	NA	NA
NA	NA	NA	0.98	NA	NA	NA	NA
NA	NA	NA	2.6	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	3	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.29	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.16	NA	NA	NA	NA	0.067	NA
NA	NA	NA	0.19	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.38	NA	NA	NA	NA
NA	NA	NA	1.3	NA	NA	NA	NA
NA	NA	NA	1.1	NA	NA	NA	NA
NA	NA	NA	1.7	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	<0.05	NA
NA	<0.1	NA	NA	NA	NA	<0.05	NA
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NA	<0.1	NA	NA	NA	NA	<0.05	NA
NA	<0.1	NA	NA	NA	NA	<0.05	NA
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NA	<0.1	NA	NA	NA	NA	<0.05	NA

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NA	NA	NA	<0.1	NA	NA	NA	NA
NA	0.0374 j	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	<0.19	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA

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NA	NA	NA	<0.1	NA	NA	NA	NA
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NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

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NA	<0.1	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	0.0771 j	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.1	NA	NA	NA	NA	NA	NA
NA	NA	NA	<0.1	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.26	NA	NA	NA	NA	NA	NA
NA	0.23	NA	NA	NA	NA	NA	NA
NA	0.29	NA	NA	NA	NA	NA	NA
NA	0.32	NA	NA	NA	NA	NA	NA
<25	<0.5	NA	0.87	NA	NA	NA	0.018 JB
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	3	NA	NA	NA	NA
NA	0.728 j	NA	2.4	NA	NA	NA	NA
NA	0.365 j	NA	2.4	NA	NA	NA	NA
NA	0.248 j	NA	NA	NA	NA	NA	NA
27	<0.5	NA	0.21	NA	NA	NA	0.1 J
<20	0.2	NA	0.07	NA	NA	NA	<0.1
NA	0.16	NA	0.19	NA	NA	NA	NA
NA	0.111	NA	1.4	NA	NA	NA	NA
NA	0.128	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.103	NA	1.8	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA

NA	0.218	NA	NA	NA	NA	NA	NA
NA	0.082 j	NA	NA	NA	NA	NA	NA
<25	<0.5	NA	0.42	NA	NA	NA	<0.1
<20	0.2	NA	0.39	NA	NA	NA	0.0197 J
<20	0.21	NA	0.43	NA	NA	NA	<0.1
<25	<0.5	NA	0.2	NA	NA	NA	<0.1
<20	0.16	NA	0.23	NA	NA	NA	<0.1
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<1	NA	NA	NA	NA	0.088	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.11	NA	NA	NA	NA	NA	NA
NA	0.15 S1	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.12	NA	NA	NA	NA	NA	NA
NA	0.13	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.2	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<1	NA	NA	NA	NA	<0.05	NA
NA	<2	NA	NA	NA	NA	<0.05	NA
NA	<5	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.17	NA	NA	NA	NA	<0.05	NA

NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	NA	NA	0.062	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.122 j	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	0.12	NA	NA	NA	NA	<0.05	NA
NA	0.091 j	NA	NA	NA	NA	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	0.0985 j	NA	NA	NA	NA	0.057	NA
NA	0.069 j	NA	NA	NA	NA	0.06	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

FACILITY NAME: **ROXBORO**
DATE UPDATED: **12/11/2019**
SPREADSHEET UPDATED BY: **BRANDON RUSSO**
SPREADSHEET CHECKED BY: **CRAIG EADY**

Sample ID	Location Description	Associated Unit
RSW-01	Cooling Water Intake Canal	East Ash Basin
RSW-01	Cooling Water Intake Canal	East Ash Basin
RSW-01 (2)	Cooling Water Intake Canal	East Ash Basin
RSW-01	Cooling Water Intake Canal	East Ash Basin
RSW-01	Cooling Water Intake Canal	East Ash Basin
RSW-02	Cooling Water Intake Canal	East Ash Basin
RSW-02	Cooling Water Intake Canal	East Ash Basin
RSW-02 (2)	Cooling Water Intake Canal	East Ash Basin
RSW-02	Cooling Water Intake Canal	East Ash Basin
RSW-02	Cooling Water Intake Canal	East Ash Basin
RSW-03	Cooling Water Intake Canal	East Ash Basin
RSW-03	Cooling Water Intake Canal	East Ash Basin
RSW-03 (2)	Cooling Water Intake Canal	East Ash Basin
RSW-03	Cooling Water Intake Canal	East Ash Basin
RSW-03	Cooling Water Intake Canal	East Ash Basin
RSW-04	Cooling Water Intake Canal	East Ash Basin
RSW-04	Cooling Water Intake Canal	East Ash Basin
RSW-04 (2)	Cooling Water Intake Canal	East Ash Basin
RSW-04	Cooling Water Intake Canal	East Ash Basin
RSW-04	Cooling Water Intake Canal	East Ash Basin
RSW-05	Cooling Water Intake Canal	East Ash Basin
RSW-05	Cooling Water Intake Canal	East Ash Basin
RSW-05 (2)	Cooling Water Intake Canal	East Ash Basin
RSW-05	Cooling Water Intake Canal	East Ash Basin
RSW-05	Cooling Water Intake Canal	East Ash Basin
RSW-06	Cooling Water Intake Canal	East Ash Basin
RSW-06	Cooling Water Intake Canal	East Ash Basin
RSW-06 (2)	Cooling Water Intake Canal	East Ash Basin
RSW-06	Cooling Water Intake Canal	East Ash Basin
RSW-06	Cooling Water Intake Canal	East Ash Basin
RSW-09	Southern edge of EB in CB	East Ash Basin
RSW-09	Southern edge of EB in CB	East Ash Basin

RSW-09 (2)	Southern edge of EB in CB	East Ash Basin
RSW-09	Southern edge of EB in CB	East Ash Basin
RSW-09	Southern edge of EB in CB	East Ash Basin
RSW-09	Southern edge of EB in CB	East Ash Basin
RSW-09	Southern edge of EB in CB	East Ash Basin
RSW-09 (2)	Southern edge of EB in CB	East Ash Basin
RSW-09	Southern edge of EB in CB	East Ash Basin
RSW-09	Southern edge of EB in CB	East Ash Basin
SW-01	West of WB, outside of CB in Hyco lake	West Ash Basin
SW-02	West of WB, outside of CB in Hyco lake	West Ash Basin
SW-03	West of WB, outside of CB in Hyco lake	West Ash Basin
SW-03	West of WB, outside of CB in Hyco lake	West Ash Basin

Reporting Units	**S.U.**	**Deg C**
15A NCAC 02B (Class B, WS-V)	**6.0-9.0**	**29**

Location With Respect to Groundwater Flow Direction	Sample Media	Latitude	Longitude	Sample Collection Date	pH	Temperature
Downgradient	Water	36.48394000	-79.06629000	04/30/2018	7.5	19
Downgradient	Water	36.48394000	-79.06629000	05/01/2018	7.5	19
Downgradient	Water	36.48394000	-79.06629000	05/01/2018	7.5	19
Downgradient	Water	36.48394000	-79.06629000	05/02/2018	7.4	19
Downgradient	Water	36.48394000	-79.06629000	05/03/2018	7.4	20
Downgradient	Water	36.48425000	-79.06487000	04/30/2018	7.5	18
Downgradient	Water	36.48425000	-79.06487000	05/01/2018	7.5	19
Downgradient	Water	36.48425000	-79.06487000	05/01/2018	7.4	19
Downgradient	Water	36.48425000	-79.06487000	05/02/2018	7.3	19
Downgradient	Water	36.48425000	-79.06487000	05/03/2018	7.4	20
Downgradient	Water	36.48479000	-79.06365000	04/30/2018	7.4	19
Downgradient	Water	36.48479000	-79.06365000	05/01/2018	7.5	19
Downgradient	Water	36.48479000	-79.06365000	05/01/2018	7.5	19
Downgradient	Water	36.48479000	-79.06365000	05/02/2018	7.4	19
Downgradient	Water	36.48479000	-79.06365000	05/03/2018	7.3	20
Downgradient	Water	36.48547000	-79.06191000	04/30/2018	7.4	19
Downgradient	Water	36.48547000	-79.06191000	05/01/2018	7.5	19
Downgradient	Water	36.48547000	-79.06191000	05/01/2018	7.5	19
Downgradient	Water	36.48547000	-79.06191000	05/02/2018	7.3	19
Downgradient	Water	36.48547000	-79.06191000	05/03/2018	7.3	20
Downgradient	Water	36.48601000	-79.06037000	04/30/2018	7.3	18
Downgradient	Water	36.48601000	-79.06037000	05/01/2018	7.5	18
Downgradient	Water	36.48601000	-79.06037000	05/01/2018	7.5	18
Downgradient	Water	36.48601000	-79.06037000	05/02/2018	7.3	19
Downgradient	Water	36.48601000	-79.06037000	05/03/2018	7.2	20
Background	Water	36.48851000	-79.05357000	04/30/2018	7.1	18
Background	Water	36.48851000	-79.05357000	05/01/2018	7.1	18
Background	Water	36.48851000	-79.05357000	05/01/2018	7.4	18
Background	Water	36.48851000	-79.05357000	05/02/2018	7.0	19
Background	Water	36.48851000	-79.05357000	05/03/2018	7.0	20
Downgradient	Water	36.47367200	-79.06101300	03/18/2019	7.1	11
Downgradient	Water	36.47367200	-79.06101300	03/19/2019	6.9	10

Downgradient	Water	36.47367200	-79.06101300	03/19/2019	7.3	10
Downgradient	Water	36.47367200	-79.06101300	03/20/2019	7.3	10
Downgradient	Water	36.47367200	-79.06101300	03/21/2019	8.1	10
Downgradient	Water	36.47367200	-79.06101300	05/20/2019	7.5	20
Downgradient	Water	36.47367200	-79.06101300	05/21/2019	7.2	18
Downgradient	Water	36.47367200	-79.06101300	05/21/2019	7.4	18
Downgradient	Water	36.47367200	-79.06101300	05/22/2019	7.3	18
Downgradient	Water	36.47367200	-79.06101300	05/23/2019	7.0	19
Downgradient	Water	36.46864324	-79.08792354	05/15/2015	6.5	15
Downgradient	Water	36.47434751	-79.08849116	05/15/2015	6.4	14
Downgradient	Water	36.47728802	-79.08521786	05/15/2015	6.7	18
Downgradient	Water	36.47728802	-79.08521786	10/14/2015	6.3	20

FIELD PARAMETERS							WATER	
umhos/cm	mg/L	mV	mV	NTUs	GPM	mg/L	mg/L	mg/L
NE	4	NE	NE	25	NE	NE	NE	NE

FIELD PARAMETERS							WATER	
Specific Conductance	Dissolved Oxygen	Oxidation Reduction Potential	Eh	Turbidity	Flow	Ferrous Iron	Alkalinity	Bicarbonate Alkalinity
216	7.84	185	390	5.64	NM	NM	28.7	28.7
216	7.87	170	375	7.91	NM	NM	26.1	26.1
214	7.88	171	376	4.29	NM	NM	26.5	26.5
203	8.02	198	403	7.94	NM	NM	28.9	28.9
200	8.51	212	417	6.83	NM	NM	29.7	29.7
216	7.76	197	402	8.97	NM	NM	28.7	28.7
215	8.11	169	374	5.77	NM	NM	26.8	26.8
215	8.16	174	379	6.31	NM	NM	27.4	27.4
204	8.08	197	402	8.59	NM	NM	28.6	28.6
200	8.56	216	421	6.45	NM	NM	28.6	28.6
220	8.08	197	402	5.55	NM	NM	29.8	29.8
217	7.98	191	396	6.63	NM	NM	27.2	27.2
215	8.10	191	396	5.21	NM	NM	27.3	27.3
204	8.16	191	396	7.26	NM	NM	28.1	28.1
206	8.34	220	425	8.99	NM	NM	28.7	28.7
221	8.35	188	393	4.51	NM	NM	29.2	29.2
216	8.12	190	395	5.49	NM	NM	28.3	28.3
216	8.10	191	396	4.39	NM	NM	27.4	27.4
204	8.50	177	382	9.87	NM	NM	28.5	28.5
201	8.40	221	426	10.3	NM	NM	29.4	29.4
216	8.04	176	381	7.48	NM	NM	28.2	28.2
214	8.07	189	394	4.63	NM	NM	27	27
215	8.05	189	394	4.76	NM	NM	26.6	26.6
202	8.43	180	385	6.24	NM	NM	28.9	28.9
200	8.59	219	424	5.83	NM	NM	28	28
215	8.66	116	321	5.55	NM	NM	27.3	27.3
214	8.45	183	388	5.45	NM	NM	27.1	27.1
214	8.09	197	402	4.41	NM	NM	27.5	27.5
202	8.52	195	400	5.11	NM	NM	28.5	28.5
199	8.65	207	412	6.81	NM	NM	28.4	28.4
167	8.67	145	350	13.7	NM	NM	54.3	54.3
178	11.20	177	382	13.4	NM	NM	55.8	55.8

170	9.70	198	403	11.7	NM	NM	55.7	55.7
181	10.56	149	354	11.0	NM	NM	53.2	53.2
51	10.55	68	273	**78.7**	NM	NM	10.9	10.9
249	5.41	228	433	5.1	NM	NM	83.9	83.9
243	5.46	256	461	4.9	NM	NM	82.1	82.1
242	6.01	260	465	5.4	NM	NM	83.1	83.1
247	6.31	251	456	5.6	NM	NM	81.2	81.2
241	6.17	274	479	8.7	NM	NM	81	81
263	**1.47**	85	290	4.76	NM	NM	78	78
219	**0.89**	-26	179	4.76	NM	NM	46	46
527	**0.70**	-114	91	12.4	NM	NM	81	81
285	**3.51**	45	250	5.4	NM	NM	89	89

QUALITY PARAMETERS				SELECTED 40CFR257 APPENDIX III CONSTITUENTS				
ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	ug/L	mg/L
NE	NE	NE	NE	NE	NE	250	NE	250

QUALITY PARAMETERS				SELECTED 40CFR257 APPENDIX III CONSTITUENTS				
Methane	Sulfide	Total Organic Carbon	Total Suspended Solids	Boron	Calcium	Chloride	Strontium	Sulfate
<10	<0.1	5.8	<5	699	19.9	29	126	24
<10	<0.1	5.4	3.7	633	18.3	30	117	25
<10	<0.1	5.5	2.9	643	18.8	29	119	25
<10	<0.1	5.5	<5	621	18	28	118	24
<10	<0.1	5.5	<5	612	18.1	27	116	23
<10	<0.1	5.8	<5	693	19.9	29	124	25
<10	<0.1	5.4	5	643	18.7	29	120	25
<10	<0.1	5.5	<5	638	18.4	30	118	25
<10	<0.1	5.5	5	594	17	28	112	24
<10	<0.1	5.4	5	618	18.2	27	118	23
<10	<0.1	5.5	7	710	20.6	29	127	26
<10	<0.1	5.3	6	639	18.5	29	118	26
<10	<0.1 R1	5.4	<5	649	18.9	29	120	26
<10	<0.1	5.4	6.5	630	18.2	28	120	24
<10	<0.1	5.4	<5	5510	22.3	27	4990	25
<10	<0.1	5.7	<5	692	20.3	29	125	27
<10	<0.1	5.6	<5	636	20.2	29	122	30
<10	<0.1	5.6	5	629	18.7	29	117	27
<10	<0.1	5.4	5.2	612	18.5	28	118	26
<10	<0.1	5.5	13	634	18.9	27	122	24
<10	<0.1	5.7	<5	697	19.9	29	124	24
<10	<0.1	5.3	<5	652	18.8	29	120	24
<10	<0.1	5.4	<5	630	18.1	29	116	24
<10	<0.1	5.7	<5	642	18.6	28	121	23
<10	<0.1	5.4	<5	607	17.8	27	116	23
<10	<0.1	5.8	<5	684	19.6	30	122	24
<10	<0.1	5.5	<5	630	18.2	29	115	24
<10	<0.1	5.6	<5	645	18.5	29	118	24
<10	<0.1	5.7	<5	630	18.4	28	119	23
<10	<0.1	5.4	7	621	18.2	27	119	23
<10	<0.1	2.1	<2.5	<50	13.1	8.8	106	14
<10	<0.1	2.1	<2.5	<50	13.1	9.3	105	17

<10	<0.1	2.1	<2.5	<50	13	9.2	104	17
<10	<0.1	2.1	<2.5	<50	13.2	9.3	108	14
<10	<0.1	11	27	<50	3.28	1.4	34	5.8
<10	<0.1	3.3	<2.5	21.552 j	17.4	16	142	13
<10	<0.1	3.3	<2.5	20.115 j	17.1	16	139	12
<10	<0.1	3.3	<2.5	20.005 j	17	16	138	12
<10	<0.1	3.2	<2.5	21.528 j	16.1	16	135	12
<10	<0.1	3.2	2.6	19.456 j	16.4	17	138	12
26	<0.1	2.9	22	<50	19.6	18	155	24
70	<0.1	4	43	<50	10.6	7.9	104	9.5
95	<0.2	3	20	<50	19	9.1	179	18
57	<0.1	4.6	22	<50	20.9	13	198	24

plus Sr								
mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
500	NE	NE	10	1000	NE	NE	NE	NE

plus Sr								
Total Dissolved Solids	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium (VI)	Chromium
120	212	<1	0.783 j	32	<1	<0.1	0.063	<1
110	145	<1	0.828 j	28	<1	<0.1	0.061	<1
120	157	<1	0.782 j	29	<1	0.078 j	0.049	<1
150	150	<1	0.845 j	29	<1	<0.1	0.053	<1
130	197	<1	0.873 j	29	<1	<0.1	0.062	0.427 j
120	282	<1	0.849 j	38	<1	<0.1	0.063	0.734 j
120	274	<1	0.858 j	31	<1	<0.1	0.053	0.392 j
120	141	<1	0.827 j	29	<1	<0.1	0.047	<1
150	216	<1	0.893 j	28	<1	<0.1	0.065	0.414 j
120	344	<1	0.81 j	31	<1	<0.1	0.059	0.498 j
120	266	<1	0.832 j	32	<1	<0.1	0.052	0.433 j
120	177	<1	0.874 j	29	<1	<0.1	0.038	0.356 j
120	217	<1	0.927 j	29	<1	<0.1	0.05	<1
140	294	<1	0.897 j	31	<1	<0.1	0.062	0.456 j
130	5460	<1	0.841 j	**4990**	<1	<0.1	0.052	0.341 j
120	242	<1	0.778 j	31	<1	<0.1	0.054 M1	<1
120	457	<1	0.952 j	32	<1	<0.1	0.049	0.66 j
110	195	<1	0.855 j	28	<1	<0.1	0.055	0.337 j
150	219	<1	0.872 j	29	<1	<0.1	0.056	0.399 j
110	223	<1	0.808 j	30	<1	<0.1	0.035	0.383 j
120	213	<1	0.806 j	31	<1	<0.1	0.061	<1
130	189	<1	0.83 j	30	0.358 j	0.114 B	0.055	0.384 j
110	165	<1	0.772 j	28	<1	<0.1	0.053	<1
140	193	<1	0.837 j	30	<1	<0.1	0.049 M1,R1	<1
120	186	<1	0.75 j	29	<1	<0.1	0.058	<1
130	204	<1	0.736 j	31	<1	<0.1	0.061	<1
120	195	<1	0.866 j	28	<1	<0.1	0.071	<1
130	159	<1	0.835 j	29	<1	<0.1	0.065	<1
150	238	<1	0.899 j	30	<1	<0.1	0.044	0.337 j
120	338	<1	0.86 j	30	<1	<0.1	0.062	0.374 j
130	1710	<1	<1	50	<1	<0.1	0.032	0.649 j
130	1460	<1	<1	51	<1	<0.1	<0.025	0.608 j

140	1280	<1	<1	49	<1	<0.1	<0.025	0.628 j
120	896	<1	<1	50	<1	<0.1	0.026	0.54 j,B1
150	5040	<1	0.481 j	38	<1	<0.1	0.04	3.11 B
170	214	<1	<1	54	<1	0.058 j	0.092	0.338 j
160	254	<1	<1	52	<1	<0.1	0.062	0.35 j
160	250	<1	<1	51	<1	<0.1	0.077	<1
170	196	<1	<1	50	<1	<0.1	0.07	0.335 j
160	251	<1	<1	52	<1	<0.1	0.077	0.353 j
190	329	<1	<1	94	<1	<1	NA	<1
120	1300	<1	<1	75	<1	<1	NA	<1
160	1380	<1	<1	80	<1	<1	NA	<1
190	1190	<1	<1	100	<1	<1	NA	1.25

INORGANIC PARAMETERS (TOTAL CONCENTRATION)									
ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg-N/L
NE	NE	NE	NE	NE	NE	0.012	NE	25	NE

INORGANIC PARAMETERS (TOTAL CONCENTRATION)									
Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate (as N)
<1	1.47	243	<1	8.14	62	0.00136	3.11	0.785 j	NA
<1	1.58	193	<1	7.57	60	0.00163	3.05	0.789 j	NA
<1	1.75	201	<1	7.72	63	0.00132	3.02	0.911 j	NA
<1	1.47	179	<1	7.44	48	0.00115	3.12	0.76 j	NA
<1	1.64	246	<1	7.44	78	0.00132	3.15	0.838 j	NA
<1	1.71	328	0.925 j	8.11	89	0.0016	3.12	0.83 j	NA
<1	1.64	359	<1	7.74	118	0.00156	3.15	0.904 j	NA
<1	1.41	184	<1	7.63	62	0.00145	3.12	0.771 j	NA
<1	1.71	274	<1	7.07	84	0.0016	3.13	0.885 j	NA
<1	1.84	415	<1	7.56	105	0.00123	2.93	0.892 j	NA
<1	1.63	309	<1	8.37	93	0.00178	3.31	0.768 j	NA
<1	1.64	243	<1	7.71	84	0.00173	3.26	0.8 j	NA
<1	1.64	280	<1	7.8	87	0.00175	3.08	0.707 j	NA
<1	1.67	378	<1	7.59	116	0.00198	3.04	0.843 j	NA
<1	1.61	5400	<1	11.9	5110	0.00146	3.4	0.877 j	NA
<1	1.59	286	<1	8.27	84	0.0016	3.18	0.79 j	NA
<1	2.02	615	<1	8.16	194	0.00216	3.1	0.958 j	NA
<1	1.6	244	<1	7.67	79	0.00163	3.12	0.788 j	NA
<1	1.67	274	<1	7.49	88	8.33E-03	3.09	0.854 j	NA
<1	1.75	286	<1	7.73	75	0.00412	3.21	0.977 j	NA
<1	1.47	232	<1	8.15	60	0.00134	3.03	0.686 j	NA
<1	1.78	235	<1	7.73	61	0.00152	3.18	0.841 j	NA
<1	1.58	374	<1	7.51	51	0.00133	3.14	0.626 j	NA
<1	1.5	213	<1	7.69	48	0.00319	3.04	0.629 j	NA
<1	1.48	224	<1	7.35	52	0.0018	2.82	0.754 j	NA
<1	1.42	223	<1	8	46	0.00123	2.98	0.808 j	NA
<1	1.53	225	<1	7.51	47	0.00179	2.98	0.801 j	NA
<1	1.45	195	<1	7.62	40	0.00118	2.97	0.619 j	NA
<1	1.68	271	<1	7.58	62	0.00157	3.25	0.819 j	NA
<1	1.78	350	<1	7.54	79	0.00153	2.96	0.899 j	NA
0.334 j	1.14	1130	<1	7.61	47	0.0032	<1	0.594 j	NA
0.388 j	1.05	1070	<1	7.66	55	0.00268	<1	0.558 j	NA

<1	1.07	916	<1	7.6	43	0.0028	0.091 j	0.591 j	NA
<1	0.504 j	821	<1	7.56	42	0.00274	0.103 j	<1	NA
1.14	4.12	5640	1.42	1.96	68	**0.023**	<1	1.75	NA
0.363 j	1.58	358	<1	9.54	67	0.00252	0.182 j	0.633 j	NA
0.385 j	1.64	404	<1	9.37	78	0.00696	0.164 j	0.616 j	NA
0.393 j	1.56	400	<1	9.34	76	0.00259	0.15 j	0.679 j	NA
0.364 j	0.449 j	368	<1	8.91	79	0.00259	0.177 j	0.45 j	NA
0.352 j	0.472 j	407	<1	9.03	77	0.0037	0.286 j	0.435 j	NA
1.12	<1	554	<1	13.2	224	0.00283	<1	<1	NA
3.83	2.12	2130	<1	7.02	287	0.00465	<1	1.37	NA
4.33	2.18	2460	<1	11.6	1170	0.00221	<1	1.74	NA
8	2.16	4560	<1	13	1260	0.00344	<1	1.76	NA

mg-N/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L
10	NE	5	NE	NE	NE	NE	NE	NE	NE

Nitrate + Nitrite	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Aluminum (0.45u)	Antimony (0.45u)
0.028	2.76	0.678 j	<0.3	5.98	<0.2	1.29	1.742 j	3.097 j	<1
<0.02	2.52	0.657 j	<0.3	5.58	<0.2	1.33	1.944 j	6	<1
<0.02	2.57	0.653 j	<0.3	5.7	<0.2	1.41	<5	8	<1
<0.02	2.57	0.749 j	<0.3	5.72	0.147 j	1.2	11	3.41 j	<1
<0.02	2.57	0.711 j	<0.3	5.72	<0.2	1.47	13	4.276 j	<1
<0.02	2.73	0.716 j	<0.3	5.89	<0.2	1.43	4.075 j	3.156 j	<1
<0.02	2.6	0.709 j	<0.3	5.74	<0.2	1.45	1.861 j	4.108 j	<1
<0.02	2.56	0.72 j	<0.3	5.67	0.122 j	1.12	<5	7	<1
<0.02	2.44	0.692 j	<0.3	5.43	0.101 j	1.46	2.339 j	3.313 j	<1
<0.02	2.61	0.679 j	<0.3	5.77	<0.2	1.8	<5	3.743 j	<1
<0.02	2.74	0.701 j	<0.3	6	<0.2	1.37	4.711 j	3.577 j	<1
<0.02	2.52	0.719 j	<0.3	5.64	<0.2	1.3	<5	4.405 j	<1
<0.02	2.58	0.676 j	<0.3	5.7	<0.2	1.42	1.882 j	4.946 j	<1
<0.02	2.61	0.749 j	<0.3	5.76	0.085 j	1.81	<5	9	<1
0.028	7.45	0.739 j	<0.3	10.6	<0.2	1.35	4950	3.373 j	<1
<0.02	2.71	0.688 j	<0.3	5.89	<0.2	1.35	<5	4.138 j	<1
<0.02	2.54	0.809 j	<0.3	5.65	<0.2	2.21	2.143 j	4.335 j	<1
<0.02	2.5	0.705 j	<0.3	5.53	<0.2	1.34	<5	4.487 j	<1
0.027	2.54	0.698 j	<0.3	5.65	<0.2	1.61	1.775 j	6	<1
<0.02	2.69	0.734 j	<0.3	5.93	0.116 j	1.48	1.729 j	3.638 j	<1
0.038	2.73	0.709 j	<0.3	5.9	<0.2	1.28	2.573 j	3.702 j	<1
<0.02	2.59	0.616 j	<0.3	5.74	0.097 j	1.38	<5	5	<1
<0.02	2.51	0.678 j	<0.3	5.54	<0.2	1.24	1.671 j	6	<1
0.044	2.64	0.653 j	<0.3	5.87	<0.2	1.27	<5	3.401 j	<1
<0.02	2.57	0.658 j	<0.3	5.71	<0.2	1.18	<5	3.995 j	<1
<0.02	2.67	0.608 j	<0.3	5.8	<0.2	1.2	1.683 j	3.563 j	<1
<0.02	2.5	0.727 j	<0.3	5.52	0.145 j	1.24	3.246 j	6	<1
<0.02	2.56	0.664 j	<0.3	5.62	<0.2	1.14	2.538 j	7	<1
0.029	2.61	0.711 j	<0.3	5.76	<0.2	1.59	<5	3.631 j	<1
<0.02	2.63	0.595 j	<0.3	5.85	<0.2	1.52	<5	3.304 j	<1
0.0098 j	0.782	<1	<0.3	11.4	<0.2	1.92	2.238 j	5.755 j	<1
0.0075 j	0.769	<1	<0.3	11.5	<0.2	1.75	<5	5.027 j	<1

0.0073 j	0.738	<1	<0.3	11.3	<0.2	1.73	<5	4.85 j	<1
0.0083 j	0.757	<1	<0.3	11.6 B2	<0.2	1.55	<5	4.7 j	<1
0.18	0.761	<1	<0.3	2.58 B2	<0.2	9.88	7	168	<1
0.12	1.34	<1	<0.3	17.3	0.085 j	1.13	2.268 j	4.607 j	<1
0.098	1.28	<1	<0.3	17.2	<0.2	1.14	<5	4.762 j	<1
0.101	1.27	<1	<0.3	17	<0.2	1.12	<5	5.381 j	<1
0.1	1.25	<1	<0.3	16	<0.2	0.958	6	5.442 j	<1
0.097	1.27	<1	<0.3	16.3	<0.2	1.04	3.046 j	3.964 j	<1
0.116	2.58	<1	NA	13.4	<0.2	2.18	<5	41	<1
0.133	1.35	<1	NA	7.74	<0.2	3.26	10	149	<1
<0.1	1.55	<1	NA	12.9	<0.2	4.97	6	29	<1
0.234	2.33	<1	NA	16.4	<0.2	6.03	5	26	<1

INORGANIC PARAMETERS (DISSOLVED CONCI									
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
150	**NE**	**6.5**	**NE**	**0.15**	**24**	**NE**	**2.7**	**NE**	**0.54**

INORGANIC PARAMETERS (DISSOLVED CONCI									
Arsenic (0.45u)	**Barium (0.45u)**	**Beryllium (0.45u)**	**Boron (0.45u)**	**Cadmium (0.45u)**	**Chromium (0.45u)**	**Cobalt (0.45u)**	**Copper (0.45u)**	**Iron (0.45u)**	**Lead (0.45u)**
0.765 j	29	<1	687	<0.1	<1	<1	1.69	9.566 j	<1
0.725 j	28	<1	672	<0.1	<1	<1	1.01	12	<1
0.741 j	28	<1	673	0.078 j	<1	<1	1.3	20	<1
0.731 j	28	<1	648	<0.1	<1	<1	1.12	15	<1
0.72 j	28	<1	628	<0.1	<1	<1	1.13	20	<1
0.789 j	29	<1	686	<0.1	<1	<1	1.14	10	<1
0.702 j	28	<1	676	<0.1	<1	<1	1.94	18	<1
0.743 j	28	<1	658	<0.1	<1	<1	1.31	19	<1
0.711 j	28	<1	654	<0.1	<1	<1	1.19	14	<1
0.747 j	27	<1	631	<0.1	<1	<1	1.12	14	<1
0.749 j	29	<1	694	<0.1	<1	<1	1.45	14	<1
0.752 j	27	<1	650	<0.1	<1	<1	1.07	12	<1
0.788 j	28	<1	658	<0.1	<1	<1	1.1	12	<1
0.777 j	28	<1	651	<0.1	<1	<1	1.15	22	<1
0.775 j	28	<1	657	<0.1	<1	<1	1.17	16	<1
0.742 j	28	<1	696	<0.1	<1	<1	**4.88**	17	<1
0.783 j	28	<1	661	<0.1	0.544 j	<1	1.26	14	<1
0.828 j	27	<1	660	0.077 j	<1	<1	**5.23**	15	<1
0.79 j	27	<1	644	<0.1	<1	<1	1.19	14	<1
0.75 j	29	<1	653	<0.1	<1	<1	1.61	18	<1
0.759 j	29	<1	683	<0.1	<1	<1	1.06	9.937 j	<1
0.788 j	28	<1	655	<0.1	<1	<1	1.11	12	<1
0.738 j	28	<1	657	<0.1	<1	<1	1.05	15	<1
0.807 j	28	<1	654	<0.1	<1	<1	1.1	12	<1
0.693 j	28	<1	631	<0.1	<1	<1	2.08	14	<1
0.752 j	29	<1	688	<0.1	<1	<1	1	8.995999 j	<1
0.74 j	28	<1	661	<0.1	<1	<1	1.06	14	<1
0.735 j	28	<1	659	<0.1	<1	<1	**4.48**	12	<1
0.76 j	28	<1	655	<0.1	<1	<1	1.22	11	<1
0.759 j	27	<1	618	<0.1	<1	<1	2.05	15	<1
<1	48	<1	<50	<0.1	<1	<1	0.529 j	15	<1
<1	48	<1	<50	<0.1	<1	<1	0.469 j	11	<1

<1	48	<1	<50	<0.1	<1	<1	0.484 j	11	<1
<1	47	<1	<50	<0.1	<1	<1	0.403 j	12	<1
<1	22	<1	18.985 j	<0.1	0.35 j	<1	1.66	105	<1
<1	53	<1	18.209 j	<0.1	<1	<1	0.499 j	57	<1
<1	52	<1	<50	<0.1	<1	0.355 j	0.458 j	68	<1
<1	52	<1	<50	<0.1	<1	<1	0.489 j	69	<1
<1	50	<1	<50	<0.1	<1	<1	0.464 j	88	<1
<1	50	<1	21.015 j	<0.1	<1	<1	1.05	59	<1
<1	94	<1	<50	<1	<1	1.34	<1	276	<1
<1	68	<1	<50	<1	<1	3.42	<1	1490	<1
<1	62	<1	<50	<1	<1	2.72	<1	704	<1
<1	84	<1	<50	<1	<1	6.05	<1	1430	<1

ENTRATION WITH FILTER SIZE)

ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
NE	NE	NE	16	NE	NE	NE	NE	NE

ENTRATION WITH FILTER SIZE)

Manganese (0.45u)	Mercury (0.45u)	Molybdenum (0.45u)	Nickel (0.45u)	Selenium (0.45u)	Silver (0.45u)	Strontium (0.45u)	Thallium (0.45u)	Vanadium (0.45u)
17	6.74E-04	3	0.621 j	0.667 j	<0.3	121	<0.2	0.643
25	0.00087	2.98	0.548 j	0.532 j	<0.3	122	0.135 j	0.866
25	8.48E-04	2.93	0.586 j	0.578 j	<0.3	121	<0.2	0.943
21	8.82E-04	3.05	0.574 j	0.701 j	<0.3	119	0.092 j	0.748
20	0.000993	3.02	0.496 j	0.624 j	<0.3	119	0.088 j	0.66
28	8.74E-04	3.01	0.653 j	0.635 j	<0.3	121	<0.2	0.622
30	9.40E-04	3.02	0.56 j	0.635 j	<0.3	122	<0.2	0.697
32	8.88E-04	3.01	0.575 j	0.597 j	<0.3	119	0.193 j	0.76
25	9.24E-04	3.16	0.691 j	0.633 j	<0.3	119	<0.2	0.703
15	0.00103	3.1	0.586 j	0.629 j	<0.3	119	<0.2	0.642
42	0.000751	3.04	0.533 j	0.662 j	<0.3	122	0.128 j	0.624
35	9.06E-04	3.03	0.64 j	0.576 j	<0.3	118	<0.2	0.689
21	0.00084	3.02	0.602 j	0.656 j	<0.3	118	<0.2	0.707
35	NA	3.1	0.625 j	0.624 j	<0.3	120	<0.2	0.821
51	9.89E-04	3.34	0.609 j	0.688 j	<0.3	124	<0.2	0.643
30	7.87E-04	3.03	0.516 j	0.669 j	<0.3	124	0.088 j	0.678
46	0.00117	3.09	0.581 j	0.637 j	<0.3	122	0.086 j	0.711
38	0.00118	3.28	0.807 j	0.69 j	<0.3	119	<0.2	0.824
42	0.00126	3.2	0.764 j	0.664 j	<0.3	122	<0.2	0.957
24	0.00105	3.23	0.545 j	0.703 j	<0.3	124	<0.2	0.635
16	0.000646	2.97	0.563 j	0.615 j	<0.3	120	<0.2	0.658
16	0.00105	3	0.582 j	0.677 j	<0.3	118	0.114 j	0.731
16	0.00111	2.91	0.654 j	0.607 j	<0.3	118	0.097 j	0.689
17	0.00103	3.09	0.635 j	0.649 j	<0.3	120	<0.2	0.77
14	0.00101	3.26	0.558 j	0.594 j	<0.3	120	<0.2	0.711
7	6.28E-04	2.87	0.55 j	0.626 j	<0.3	121	<0.2	0.621
8	0.00111	2.88	0.534 j	0.585 j	<0.3	118	<0.2	0.653
7	0.00111	2.93	0.587 j	0.557 j	<0.3	119	0.148 j	0.741
10	0.00102	3.13	0.61 j	0.631 j	<0.3	120	<0.2	0.731
9	0.000834	3.22	0.59 j	0.735 j	<0.3	117	<0.2	0.669
37	0.00156	0.11 j	0.356 j	<1	<0.3	104	<0.2	0.314
39	0.00144	0.1 j	0.364 j	<1	<0.3	107	<0.2	0.306

38	0.00155	0.106 j	<1	<1	<0.3	107	<0.2	0.324
36	0.00132	0.092 j	<1	<1	<0.3	105	<0.2	0.328
24	0.0123	<1	0.89 j	<1	<0.3	30	<0.2	0.351
66	0.00206	0.159 j	0.448 j	<1	<0.3	143	0.141 j	0.654
76	0.0016	0.147 j	0.364 j	<1	<0.3	143	<0.2	0.572
76	0.0016	0.16 j	0.363 j	<1	<0.3	142	<0.2	0.663
74	0.00145	0.131 j	0.395 j	<1	<0.3	139	<0.2	0.702
63	0.00141	0.175 j	0.516 j	<1	<0.3	136	<0.2	0.756
319	NA	<1	<1	<1	NA	159	<0.2	1.69
344	NA	<1	<1	<1	NA	105	<0.2	0.961
1130	NA	<1	<1	<1	NA	180	<0.2	1.01
1090	NA	<1	1.28	<1	NA	185	<0.2	1.09

	OTHER PARAMETERS									
ug/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L
36	**NE**	**NE**	**NE**	**NE**	**1.8**	**100**	**NE**	**NE**	**NE**	**NE**

	OTHER PARAMETERS									
Zinc (0.45u)	**BOD**	**Bromide**	**Carbonate Alkalinity**	**COD**	**Fluoride**	**Hardness**	**Nitrate**	**Nitrite**	**Oil and grease**	**Phosphate**
<5	NA	NA	<5	NA	0.19	83.2	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.19	76.8	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.19	78.6	NA	NA	NA	NA
2.774 j	NA	NA	<5	NA	0.18	75.4	NA	NA	NA	NA
2.631 j	NA	NA	<5	NA	0.15	75.7	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.19	83.2	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.19	78.7	NA	NA	NA	NA
4.431 j	NA	NA	<5	NA	0.19	77.3	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.19	71.6	NA	NA	NA	NA
1.769 j	NA	NA	<5	NA	0.15	76.6	NA	NA	NA	NA
1.743 j	NA	NA	<5	NA	0.19	85.9	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.19	78.1	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.18	79.3	NA	NA	NA	NA
12	NA	NA	<5	NA	0.18	76.7	NA	NA	NA	NA
2.786 j	NA	NA	<5	NA	0.15	**105**	NA	NA	NA	NA
3.38 j	NA	NA	<5	NA	0.19	84.8	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.19	83.9	NA	NA	NA	NA
3.93 j	NA	NA	<5	NA	0.19	78.3	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.18	77	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.15	79	NA	NA	NA	NA
1.884 j	NA	NA	<5	NA	0.19	83.4	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.19	78.7	NA	NA	NA	NA
2.735 j	NA	NA	<5	NA	0.19	76.2	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.18	78	NA	NA	NA	NA
1.772 j	NA	NA	<5	NA	0.15	74.6	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.19	81.9	NA	NA	NA	NA
11	NA	NA	<5	NA	0.19	76.4	NA	NA	NA	NA
8	NA	NA	<5	NA	0.19	77.6	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.18	77.1	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.15	76.4	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.1	64	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.1	64.4	NA	NA	NA	NA

<5	NA	NA	<5	NA	0.11	63.7	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.1	64.2	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.0615 j	16.3	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.14	82.8	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.14	81.4	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.14	81	NA	NA	NA	NA
<5	NA	NA	<5	NA	0.14	76.8	NA	NA	NA	NA
2.024 j	NA	NA	<5	NA	0.12	78.2	NA	NA	NA	NA
<5	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA
10	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA
<5	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA
<5	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA

mg/L	mg/L
NE	NE

Sulfur	Total Organic Halides
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
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NA	NA
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NA	NA

FACILITY NAME:	**ROXBORO**
DATE UPDATED:	**12/11/2019**
SPREADSHEET UPDATED BY:	**BRANDON RUSSO**
SPREADSHEET CHECKED BY:	**CRAIG EADY**

Sample ID	Location Description
SEEP WAP Toe Drain #7	NCDEQ SAMPLE LOCATION
SEEP WAP Toe Drain #2	NCDEQ SAMPLE LOCATION
SEEP Gypsum Pad Drain	NCDEQ SAMPLE LOCATION
Outfall 002	NCDEQ SAMPLE LOCATION
Outfall 003	NCDEQ SAMPLE LOCATION
006 Operational	NCDEQ SAMPLE LOCATION
SEEP WAP #5 Toe Drain	NCDEQ SAMPLE LOCATION
SEEP West Toe Drain #7	NCDEQ SAMPLE LOCATION
SEEP East of DFA Landfill	NCDEQ SAMPLE LOCATION
SEEP Cane Creek	NCDEQ SAMPLE LOCATION
SEEP Intake @ Shore Drive	NCDEQ SAMPLE LOCATION
SEEP Skimmer Wall	NCDEQ SAMPLE LOCATION
SEEP "B" Warehouse East End	NCDEQ SAMPLE LOCATION
SEEP 4C4D	NCDEQ SAMPLE LOCATION
CF-02 DW	SEI Sample Location
CF-02 SW	SEI Sample Location
CF-04 DW	SEI Sample Location
CF-04 SW	SEI Sample Location
CL-02	EEI Sample Location
CL-02S	EEI Sample Location
CL-05	EEI Sample Location
CL-05S	EEI Sample Location
CL-07	EEI Sample Location
CV-02	EEI Sample Location
EAB-01	SE Corner of Cooling Tower Intake Pond
EAB-01	SE Corner of Cooling Tower Intake Pond
EAB-01	SE Corner of Cooling Tower Intake Pond
EAB-01	SE Corner of Cooling Tower Intake Pond
EDC-01	East Discharge Canal Sample Location
EDC-02	East Discharge Canal Sample Location
EDC-03	East Discharge Canal Sample Location
EDC-03	East Discharge Canal Sample Location

EDC-03	East Discharge Canal Sample Location
EDC-04	East Discharge Canal Sample Location
EDC-05	East Discharge Canal Sample Location
EF-02 DW	SEI Sample Location
EF-02 SW	SEI Sample Location
EF-04 DW	SEI Sample Location
EF-04 SW	SEI Sample Location
LP-01	Edge of landfill, in CB
LP-01	Edge of landfill, in CB
LP-01	Edge of landfill, in CB
LP-01	Edge of landfill, in CB
LP-01	Edge of landfill, in CB
LP-01	Edge of landfill, in CB
LP-01	Edge of landfill, in CB
LP-01	Edge of landfill, in CB
LP-01	Edge of landfill, in CB
LP-01	Edge of landfill, in CB
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LP-01	Edge of landfill, in CB
LP-02	Edge of landfill, in CB
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LP-03	Edge of landfill, in CB
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LP-04	Edge of landfill, in CB
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LP-04	Edge of landfill, in CB
LP-04	Edge of landfill, in CB
LP-04	Edge of landfill, in CB
LP-04	Edge of landfill, in CB
LP-04	Edge of landfill, in CB
LP-05	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-05	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-05	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-05	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-05	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-05	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-06	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-06	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-06	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-06	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-06	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-06	West of LF, East of GMW-07, b/w Phase 1-5 and 6
LP-A	---
LP-A (Lab Filtered)	---
LP-A	---
RSW-07	East Discharge Canal Sample Location
RSW-07	East Discharge Canal Sample Location
RSW-07 (2)	East Discharge Canal Sample Location
RSW-07	East Discharge Canal Sample Location
RSW-07	East Discharge Canal Sample Location
RSW-08	East Discharge Canal Sample Location

RSW-08	East Discharge Canal Sample Location
RSW-08 (2)	East Discharge Canal Sample Location
RSW-08	East Discharge Canal Sample Location
RSW-08	East Discharge Canal Sample Location
S-01	Toe of WB main dam, in CB
S-01	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-02	Toe of WB main dam, in CB
S-03	Toe of WB main dam, in CB
S-03	Toe of WB main dam, in CB
S-03	Toe of WB main dam, in CB
S-03	Toe of WB main dam, in CB
S-03	Toe of WB main dam, in CB
S-03	Toe of WB main dam, in CB
S-03	Toe of WB main dam, in CB
S-03	Toe of WB main dam, in CB
S-03	Toe of WB main dam, in CB
S-04	Toe of WB main dam, in CB
S-04	Toe of WB main dam, in CB
S-04	Toe of WB main dam, in CB
S-04	Toe of WB main dam, in CB
S-04	Toe of WB main dam, in CB
S-07	Toe of WB main dam, in CB
S-07	Toe of WB main dam, in CB
S-07	Toe of WB main dam, in CB
S-07	Toe of WB main dam, in CB
S-07	Toe of WB main dam, in CB
S-07	Toe of WB main dam, in CB
S-07	Toe of WB main dam, in CB
S-07	Toe of WB main dam, in CB
S-08	Toe of WB main dam, in CB
S-08	Toe of WB main dam, in CB
S-08	Toe of WB main dam, in CB
S-08	Toe of WB main dam, in CB
S-08	Toe of WB main dam, in CB
S-08	Toe of WB main dam, in CB
S-08	Toe of WB main dam, in CB

S-08	Toe of WB main dam, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-09	E of EAB Separator Dike,NW corner of EB EEI, in CB
S-13	NE of Gypsum Storage Area, in CB
S-13	NE of Gypsum Storage Area, in CB
S-13	NE of Gypsum Storage Area, in CB
S-13	NE of Gypsum Storage Area, in CB
S-13	NE of Gypsum Storage Area, in CB
S-13	NE of Gypsum Storage Area, in CB
S-13	NE of Gypsum Storage Area, in CB
S-13	NE of Gypsum Storage Area, in CB
S-13	NE of Gypsum Storage Area, in CB
S-13	NE of Gypsum Storage Area, in CB
Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-14	NW of Gypsum Storage Area, in CB
S-18	Sluce lines north of WB, in CB
S-18	Sluce lines north of WB, in CB
S-18	Sluce lines north of WB, in CB
S-18	Sluce lines north of WB, in CB
S-18	Sluce lines north of WB, in CB
S-18	Sluce lines north of WB, in CB
S-18	Sluce lines north of WB, in CB

S-18	Sluce lines north of WB, in CB
S-18	Sluce lines north of WB, in CB
S-18	Sluce lines north of WB, in CB
S-20	Channel flowing into the heated discharge pond
S-20	Channel flowing into the heated discharge pond
S-20	Channel flowing into the heated discharge pond
S-21	E of borrow area near eastern discharge canal
SW-04	South of WB, outside of CB
SW-04	South of WB, outside of CB
SW-04	South of WB, outside of CB
SW-05	Southwest of WB, outside of CB
SW-05	Southwest of WB, outside of CB
WAB-01	Southwest corner of WB near filter dike
WAB-01	Southwest corner of WB near filter dike
WAB-01	Southwest corner of WB near filter dike
WAB-01	Southwest corner of WB near filter dike
WDC-01	West Discharge Canal Sample Location
WDC-02	West Discharge Canal Sample Location
WDC-03	West Discharge Canal Sample Location
WDC-04	West Discharge Canal Sample Location
WDC-05	West Discharge Canal Sample Location
WDC-06	West Discharge Canal Sample Location
WF-02 DW	SEI Sample Location
WF-02 SW	SEI Sample Location
WF-04 SW	SEI Sample Location
WF-04 DW	SEI Sample Location

	QC SAM
EAB-01 MS/MSD	SE Corner of Cooling Tower Intake Pond
EAB-01 DUP	SE Corner of Cooling Tower Intake Pond
LP-04 DUP	Edge of landfill, in CB
S-07 DUP	Toe of WB main dam, in CB
S-13 DUP	NE of Gypsum Storage Area, in CB
S-13 DUP	NE of Gypsum Storage Area, in CB
Hg Dup Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
Hg Dup Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
Hg Dup Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
Hg Dup Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
Hg Dup Instream UT Hyco Lake S-13	NE of Gypsum Storage Area, in CB
S-14 DUP	NW of Gypsum Storage Area, in CB
S-14 DUP	NW of Gypsum Storage Area, in CB
Hg Dup S-18	Sluce lines north of WB, in CB
WAB-01 DUP	Southwest corner of WB near filter dike
WDC-06 DUP	West Discharge Canal Sample Location

Reporting Units	S.U.

Associated Unit	Location With Respect to Groundwater Flow Direction	Sample Media	Latitude	Longitude	Sample Collection Date	pH
---	---	Water	---	---	03/14/2014	NM
---	---	Water	---	---	03/14/2014	NM
---	---	Water	---	---	03/14/2014	NM
---	---	Water	---	---	03/14/2014	NM
---	---	Water	---	---	03/14/2014	NM
---	---	Water	---	---	03/14/2014	NM
---	---	Water	---	---	03/20/2014	NM
---	---	Water	---	---	03/20/2014	NM
---	---	Water	---	---	03/20/2014	NM
---	---	Water	---	---	03/21/2014	NM
---	---	Water	---	---	03/21/2014	NM
---	---	Water	---	---	03/21/2014	NM
---	---	Water	---	---	03/21/2014	NM
---	---	Water	---	---	03/21/2014	NM
West Ash Basin	Downgradient	Water	36.46351300	-79.06821500	07/19/2016	7.0
West Ash Basin	Downgradient	Water	36.46351300	-79.06821500	07/19/2016	8.0
West Ash Basin	Downgradient	Water	36.46122000	-79.06690500	07/19/2016	6.9
West Ash Basin	Downgradient	Water	36.46122000	-79.06690500	07/19/2016	7.9
East Ash Basin	Downgradient	Water	36.47795165	-79.05525518	04/26/2016	7.3
East Ash Basin	Downgradient	Water	36.47795165	-79.05525518	04/26/2016	7.4
East Ash Basin	Downgradient	Water	36.47743853	-79.05332977	04/26/2016	7.1
East Ash Basin	Downgradient	Water	36.47743853	-79.05332977	04/26/2016	7.3
East Ash Basin	Downgradient	Water	36.47727545	-79.05200446	04/26/2016	7.4
East Ash Basin	Downgradient	Water	36.47650100	-79.05386100	04/26/2016	7.4
East Ash Basin	Downgradient	Water	36.48128900	-79.06681800	11/17/2015	7.6
East Ash Basin	Downgradient	Water	36.48128900	-79.06681800	04/05/2016	7.9
East Ash Basin	Downgradient	Water	36.48128900	-79.06681800	04/08/2016	7.4
East Ash Basin	Downgradient	Water	36.48128900	-79.06681800	10/06/2016	7.8 S
East Ash Basin	Downgradient	Water	36.47963070	-79.05559353	03/01/2017	7.0
East Ash Basin	Downgradient	Water	36.48139130	-79.05510400	02/27/2017	6.9
East Ash Basin	Downgradient	Water	36.48352560	-79.05612889	02/27/2017	7.4
East Ash Basin	Downgradient	Water	36.48352560	-79.05612889	03/21/2018	7.0

East Ash Basin	Downgradient	Water	36.48352560	-79.05612889	04/23/2018	7.6
East Ash Basin	Downgradient	Water	36.48471551	-79.05816346	02/27/2017	7.4
East Ash Basin	Downgradient	Water	36.48577643	-79.05940692	02/27/2017	7.1
West Ash Basin	Downgradient	Water	36.46320100	-79.06518600	07/18/2016	6.9
West Ash Basin	Downgradient	Water	36.46320100	-79.06518600	07/18/2016	8.1
West Ash Basin	Downgradient	Water	36.46389300	-79.06188100	07/18/2016	7.5
West Ash Basin	Downgradient	Water	36.46389300	-79.06188100	07/18/2016	8.0
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	06/16/2004	6.0
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	05/24/2005	6.8
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/16/2005	7.3
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	05/22/2006	6.8
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/15/2006	6.6
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	05/21/2007	6.9
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/06/2007	6.6
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	05/22/2008	7.3
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/19/2008	7.6
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	05/05/2009	7.3
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/10/2009	6.7
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	05/11/2010	6.9
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/30/2010	6.6
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	04/18/2011	7.6
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/02/2011	6.3
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	04/04/2012	6.8
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/08/2012	7.6
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	04/09/2013	7.1
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/12/2013	7.5
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	04/03/2014	7.3
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/10/2014	7.6
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	04/21/2015	7.4
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/05/2015	8.3
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	04/06/2016	7.0
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/01/2016	7.7 S
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	04/12/2017	7.4
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/14/2017	7.2
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	04/10/2018	7.4
East Ash Basin	Downgradient	Water	36.48075186	-79.06237725	11/12/2018	7.0
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	06/23/2004	6.6
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	05/24/2005	6.4
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/16/2005	7.6
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	05/22/2006	6.8
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/15/2006	6.9
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/06/2007	6.8
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	05/22/2008	6.9
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/19/2008	6.6
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	05/05/2009	7.2

East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/10/2009	6.5
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	05/11/2010	6.4
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/30/2010	7.5
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	04/18/2011	7.8
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/02/2011	7.7
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	04/04/2012	7.1
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/08/2012	7.7
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	04/09/2013	7.0
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/12/2013	7.6
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	04/03/2014	7.6
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/10/2014	7.6
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	04/21/2015	7.5
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/05/2015	7.9
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	04/06/2016	7.1
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/01/2016	7.9 S
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	04/12/2017	7.5
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/14/2017	7.1
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	04/10/2018	7.6
East Ash Basin	Downgradient	Water	36.47966596	-79.06350931	11/12/2018	6.9
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	05/22/2006	3.3
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/15/2006	5.3
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	05/21/2007	6.2
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/06/2007	5.5
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	05/22/2008	6.5
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/19/2008	7.1
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	05/05/2009	7.2
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/10/2009	7.2
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	05/11/2010	7.1
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/30/2010	7.9
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	04/18/2011	7.5
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/02/2011	7.6
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	04/04/2012	6.8
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/08/2012	7.4
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	04/09/2013	6.5
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/12/2013	7.4
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	04/03/2014	7.2
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/10/2014	7.5
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	04/21/2015	7.1
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/05/2015	7.2
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	04/06/2016	7.0
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/01/2016	7.6 S
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	04/12/2017	7.1
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/14/2017	6.9
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	04/10/2018	7.1
East Ash Basin	Downgradient	Water	36.47861090	-79.06608152	11/12/2018	6.6

East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/15/2006	7.6
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/06/2007	5.6
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	05/22/2008	4.3
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/19/2008	6.4
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	05/05/2009	6.7
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/10/2009	6.4
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	05/11/2010	6.6
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/30/2010	7.2
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	04/18/2011	7.1
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/02/2011	7.2
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	04/04/2012	6.8
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/08/2012	7.1
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	04/09/2013	6.5
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/12/2013	7.2
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	04/03/2014	6.7
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/10/2014	6.7
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	04/21/2015	6.7
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/05/2015	7.0
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	04/06/2016	6.6
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/01/2016	7.7 S
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	04/12/2017	6.7
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/14/2017	6.7
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	04/10/2018	6.9
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/12/2018	6.6
East Ash Basin	Downgradient	Water	36.47681771	-79.06367179	07/14/2016	6.7
East Ash Basin	Downgradient	Water	36.47681771	-79.06367179	11/11/2016	6.4
East Ash Basin	Downgradient	Water	36.47681771	-79.06367179	04/12/2017	7.0
East Ash Basin	Downgradient	Water	36.47681771	-79.06367179	11/14/2017	6.5
East Ash Basin	Downgradient	Water	36.47681771	-79.06367179	04/10/2018	6.7
East Ash Basin	Downgradient	Water	36.47681771	-79.06367179	11/12/2018	6.0
East Ash Basin	Downgradient	Water	36.47676956	-79.06298114	07/14/2016	6.6
East Ash Basin	Downgradient	Water	36.47676956	-79.06298114	11/11/2016	7.4
East Ash Basin	Downgradient	Water	36.47676956	-79.06298114	04/12/2017	7.0
East Ash Basin	Downgradient	Water	36.47676956	-79.06298114	11/14/2017	6.2
East Ash Basin	Downgradient	Water	36.47676956	-79.06298114	04/10/2018	7.3
East Ash Basin	Downgradient	Water	36.47676956	-79.06298114	11/12/2018	6.3
East Ash Basin	Downgradient	Water	---	---	04/30/2019	7.2
East Ash Basin	Downgradient	Water	---	---	04/30/2019	7.2
East Ash Basin	Downgradient	Water	---	---	11/11/2019	7.0
East Ash Basin	Downgradient	Water	36.48576000	-79.05927000	04/30/2018	7.5
East Ash Basin	Downgradient	Water	36.48576000	-79.05927000	05/01/2018	7.5
East Ash Basin	Downgradient	Water	36.48576000	-79.05927000	05/01/2018	7.5
East Ash Basin	Downgradient	Water	36.48576000	-79.05927000	05/02/2018	7.3
East Ash Basin	Downgradient	Water	36.48576000	-79.05927000	05/03/2018	7.4
East Ash Basin	Downgradient	Water	36.48375000	-79.05643000	04/30/2018	7.4

East Ash Basin	Downgradient	Water	36.48375000	-79.05643000	05/01/2018	7.5
East Ash Basin	Downgradient	Water	36.48375000	-79.05643000	05/01/2018	7.4
East Ash Basin	Downgradient	Water	36.48375000	-79.05643000	05/02/2018	7.1
East Ash Basin	Downgradient	Water	36.48375000	-79.05643000	05/03/2018	7.4
West Ash Basin	Downgradient	Water	36.47695878	-79.07646196	08/21/2015	6.6
West Ash Basin	Downgradient	Water	36.47695878	-79.07646196	11/17/2015	7.2
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	08/25/2014	6.8
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	08/21/2015	7.7
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	11/17/2015	7.0
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	04/05/2016	7.2
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	04/08/2016	7.0
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	10/06/2016	6.9 S
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	05/17/2017	6.4
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	11/07/2017	6.7
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	04/23/2018	6.7
West Ash Basin	Downgradient	Water	36.47702154	-79.07674538	10/25/2018	6.7
West Ash Basin	Downgradient	Water	36.47694196	-79.07699023	08/25/2014	7.6
West Ash Basin	Downgradient	Water	36.47694196	-79.07699023	08/21/2015	7.4
West Ash Basin	Downgradient	Water	36.47694196	-79.07699023	11/17/2015	7.0
West Ash Basin	Downgradient	Water	36.47694196	-79.07699023	04/05/2016	7.1
West Ash Basin	Downgradient	Water	36.47694196	-79.07699023	04/08/2016	6.8
West Ash Basin	Downgradient	Water	36.47694196	-79.07699023	10/06/2016	6.9 S
West Ash Basin	Downgradient	Water	36.47694196	-79.07699023	05/17/2017	6.5
West Ash Basin	Downgradient	Water	36.47694196	-79.07699023	11/07/2017	7.0
West Ash Basin	Downgradient	Water	36.47694196	-79.07699023	04/23/2018	6.8
West Ash Basin	Downgradient	Water	36.47689453	-79.07716717	08/25/2014	7.7
West Ash Basin	Downgradient	Water	36.47689453	-79.07716717	08/21/2015	7.9
West Ash Basin	Downgradient	Water	36.47689453	-79.07716717	11/17/2015	7.3
West Ash Basin	Downgradient	Water	36.47689453	-79.07716717	10/06/2016	7.1 S
West Ash Basin	Downgradient	Water	36.47689453	-79.07716717	10/25/2018	6.8
West Ash Basin	Downgradient	Water	36.47668025	-79.07796623	08/25/2014	7.6
West Ash Basin	Downgradient	Water	36.47668025	-79.07796623	08/21/2015	8.1
West Ash Basin	Downgradient	Water	36.47668025	-79.07796623	11/17/2015	7.3
West Ash Basin	Downgradient	Water	36.47668025	-79.07796623	04/05/2016	7.3
West Ash Basin	Downgradient	Water	36.47668025	-79.07796623	04/08/2016	7.3
West Ash Basin	Downgradient	Water	36.47668025	-79.07796623	10/06/2016	7.2 S
West Ash Basin	Downgradient	Water	36.47668025	-79.07796623	05/17/2017	7.1
West Ash Basin	Downgradient	Water	36.47668025	-79.07796623	11/07/2017	7.0
West Ash Basin	Downgradient	Water	36.47669546	-79.07806552	08/25/2014	6.7
West Ash Basin	Downgradient	Water	36.47669546	-79.07806552	11/17/2015	6.5
West Ash Basin	Downgradient	Water	36.47669546	-79.07806552	04/05/2016	6.5
West Ash Basin	Downgradient	Water	36.47669546	-79.07806552	04/08/2016	6.4
West Ash Basin	Downgradient	Water	36.47669546	-79.07806552	10/06/2016	6.7 S
West Ash Basin	Downgradient	Water	36.47669546	-79.07806552	05/17/2017	6.7
West Ash Basin	Downgradient	Water	36.47669546	-79.07806552	11/07/2017	6.4

West Ash Basin	Downgradient	Water	36.47669546	-79.07806552	04/23/2018	6.4
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	08/26/2014	6.8
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	05/14/2015	6.8
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	06/09/2015	NM
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	10/14/2015	6.9
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	11/17/2015	7.1
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	04/05/2016	7.3
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	04/08/2016	7.0
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	10/06/2016	7 S
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	05/18/2017	7.1
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	04/23/2018	7.2
East Ash Basin	Downgradient	Water	36.47858284	-79.05630400	10/25/2018	6.7
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	08/26/2014	7.0
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	05/14/2015	7.1
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	10/14/2015	7.3
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	11/16/2015	7.6
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	04/05/2016	7.5
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	04/08/2016	7.5
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	10/06/2016	8 S
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	05/18/2017	7.4
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	11/07/2017	7.8
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	04/23/2018	7.7
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	09/06/2018	7.6
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	10/25/2018	7.5
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	02/28/2019	8.3
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	05/07/2019	7.8
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	07/31/2019	8.1
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	10/15/2019	8.1
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	08/26/2014	7.1
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	05/14/2015	7.1
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	10/14/2015	7.3
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	11/16/2015	7.1
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	04/05/2016	7.1
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	04/08/2016	6.9
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	10/06/2016	7.6 S
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	05/18/2017	6.8
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	11/07/2017	7.6
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	04/23/2018	7.0
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	08/21/2015	8.4
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	11/17/2015	7.7
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	04/05/2016	8.0
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	04/08/2016	8.0
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	10/06/2016	8 S
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	11/07/2017	7.6
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	09/06/2018	8.0

West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	10/25/2018	8.1
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	02/28/2019	7.9
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	07/31/2019	7.9
West Ash Basin	Downgradient	Water	36.47786693	-79.07489695	10/25/2018	7.4
West Ash Basin	Downgradient	Water	36.47786693	-79.07489695	02/28/2019	6.8
West Ash Basin	Downgradient	Water	36.47786693	-79.07489695	05/07/2019	7.2
East Ash Basin	Downgradient	Water	36.48229077	-79.05575835	05/18/2017	6.5
West Ash Basin	Background	Water	36.45969039	-79.06576678	08/26/2014	7.5
West Ash Basin	Background	Water	36.45969039	-79.06576678	05/14/2015	6.7
West Ash Basin	Background	Water	36.45969039	-79.06576678	10/14/2015	7.4
West Ash Basin	Background	Water	36.46368253	-79.06111372	05/14/2015	6.9
West Ash Basin	Background	Water	36.46368253	-79.06111372	10/14/2015	6.6
West Ash Basin	Downgradient	Water	36.46530100	-79.07166300	11/17/2015	7.3
West Ash Basin	Downgradient	Water	36.46530100	-79.07166300	04/05/2016	8.3
West Ash Basin	Downgradient	Water	36.46530100	-79.07166300	04/20/2016	NM
West Ash Basin	Downgradient	Water	36.46530100	-79.07166300	10/06/2016	7.8 S
West Ash Basin	Downgradient	Water	36.46374062	-79.07177470	03/02/2017	8.2
West Ash Basin	Downgradient	Water	36.46414198	-79.07397849	03/02/2017	7.6
West Ash Basin	Downgradient	Water	36.46551948	-79.07570683	03/01/2017	7.5
West Ash Basin	Downgradient	Water	36.46782786	-79.07720121	03/01/2017	7.4
West Ash Basin	Downgradient	Water	36.46986800	-79.07880401	03/01/2017	7.4
West Ash Basin	Downgradient	Water	36.47306049	-79.07993478	03/01/2017	7.2
West Ash Basin	Downgradient	Water	36.46335800	-79.07007500	07/18/2016	7.0
West Ash Basin	Downgradient	Water	36.46335800	-79.07007500	07/18/2016	8.1
West Ash Basin	Downgradient	Water	36.46108800	-79.06983300	07/18/2016	8.0
West Ash Basin	Downgradient	Water	36.46108800	-79.06983300	07/18/2016	7.8

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East Ash Basin	Downgradient	Water	36.48128900	-79.06681800	11/17/2015	7.6
East Ash Basin	Downgradient	Water	36.48128900	-79.06681800	04/05/2016	7.9
East Ash Basin	Downgradient	Water	36.47729563	-79.06722038	11/01/2016	7.7 S
West Ash Basin	Downgradient	Water	36.47668025	-79.07796623	08/21/2015	8.1
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	08/26/2014	7.0
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	10/14/2015	7.3
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	10/25/2018	7.5
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	02/28/2019	8.3
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	05/07/2019	7.8
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	07/31/2019	8.1
East Ash Basin	Downgradient	Water	36.48617500	-79.05961201	10/15/2019	8.1
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	05/14/2015	7.1
East Ash Basin	Downgradient	Water	36.48384359	-79.06380054	05/18/2017	6.8
West Ash Basin	Downgradient	Water	36.47794700	-79.07372801	09/06/2018	8.0
West Ash Basin	Downgradient	Water	36.46530100	-79.07166300	10/06/2016	7.8 S
West Ash Basin	Downgradient	Water	36.47306049	-79.07993478	03/01/2017	7.2

FIELD PARAMETERS								
Deg C	umhos/cm	mg/L	mV	mV	NTUs	GPM	mg/L	mg/L

FIELD PARAMETERS								
Temperature	Specific Conductance	Dissolved Oxygen	Oxidation Reduction Potential	Eh	Turbidity	Flow	Ferrous Iron	Alkalinity
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
NM	NM	NM	NM	NM	NM	NM	NM	NA
16	295	0.17	-51	154	56.3	NM	NM	77.8
31	268	7.91	129	334	5.66	NM	NM	37.2
19	271	0.41	19	224	75.3	NM	NM	54.3
30	256	7.92	193	398	5.57	NM	NM	36
17	238	10.45	125	330	5.26	NM	NM	37.3
22	240	8.03	101	306	3.43	NM	NM	39.4
15	270	4.92	100	305	6.46	NM	NM	41.1
21	239	7.86	102	307	4.65	NM	NM	38
23	239	7.49	94	299	3.15	NM	NM	37.4
22	241	7.18	99	304	3.31	NM	NM	38.8
17	409	6.00	131	336	1.71	NM	NM	41
17	499	7.97	61	266	10.6	NM	NM	60
17	508	8.74	66	271	9.01	NM	NM	NA
36	222	3.93	86	291	2.93	NM	NM	36
18	385	7.03	351	556	4.28	NM	NM	63
14	403	2.43	331	536	2.58	NM	NM	72.7
14	488	9.68	271	476	2.31	NM	NM	91.2
7	293	9.96	160	365	7.97	NM	NM	46.7

14	391	7.20	43	248	7.96	NM	NM	67
14	478	8.03	182	387	2.2	NM	NM	96.4
15	597	7.94	211	416	8.61	NM	NM	103
19	279	0.30	-87	118	70	NM	NM	54.9
34	277	8.85	9	214	5.2	NM	NM	36.6
31	237	7.01	50	255	9.31	NM	NM	35.4
34	249	6.69	56	261	4.56	NM	NM	36
NM	2620	NM	NM	NM	NM	NM	NM	NA
NM	3980	NM	NM	NM	NM	NM	NM	NA
NM	4560	NM	NM	NM	NM	NM	NM	NA
NM	4840	NM	NM	NM	NM	NM	NM	NA
NM	5160	NM	NM	NM	NM	NM	NM	NA
NM	3110	NM	NM	NM	NM	NM	NM	NA
NM	4620	NM	NM	NM	NM	NM	NM	NA
NM	3800	NM	NM	NM	NM	NM	NM	NA
NM	4300	NM	NM	NM	NM	NM	NM	NA
NM	4400	NM	NM	NM	NM	NM	NM	NA
NM	4400	NM	NM	NM	NM	NM	NM	NA
NM	4640	NM	NM	NM	NM	NM	NM	NA
19	5060	NM	NM	NM	NM	NM	NM	NA
19	4571	8.28	-39	166	NM	NM	NM	NA
18	5100	1.14	NM	NM	NM	NM	NM	NA
19	3333	6.71	-75	130	NM	NM	NM	NA
18	3753	6.01	-42	163	NM	NM	NM	NA
19	4551	4.88	-43	162	NM	NM	NM	NA
17	4474	6.20	11	216	NM	NM	NM	NA
19	3988	5.60	230	435	0.6	NM	NM	NA
19	3188	8.26	27	232	1.63	NM	NM	NA
18	4141	6.80	140	345	1.43	NM	NM	NA
19	4662	2.51	-22	183	1.28	NM	NM	NA
18	4081	5.24	105	310	8.76	NM	NM	NA
18	4724	4.63	167	372	0.81	NM	NM	NA
19	4571	4.69	88	293	0.22	NM	NM	NA
18	4762	4.46	95	300	5.53	NM	NM	NA
18	4615	7.46	416	621	0.76	NM	NM	NA
16	4020	8.01	293	498	2.2	NM	NM	NA
NM	1200	NM	NM	NM	NM	NM	NM	NA
NM	4210	NM	NM	NM	NM	NM	NM	NA
NM	4010	NM	NM	NM	NM	NM	NM	NA
NM	4780	NM	NM	NM	NM	NM	NM	NA
NM	5140	NM	NM	NM	NM	NM	NM	NA
NM	4660	NM	NM	NM	NM	NM	NM	NA
NM	4300	NM	NM	NM	NM	NM	NM	NA
NM	4000	NM	NM	NM	NM	NM	NM	NA
NM	4400	NM	NM	NM	NM	NM	NM	NA

NM	4700	NM	NM	NM	NM	NM	NM	NA
NM	4210	NM	NM	NM	NM	NM	NM	NA
17	4010	NM	NM	NM	NM	NM	NM	NA
18	3458	8.07	-14	191	NM	NM	NM	NA
17	4060	1.35	NM	NM	NM	NM	NM	NA
18	2531	9.72	-114	91	NM	NM	NM	NA
17	3276	7.54	-111	94	NM	NM	NM	NA
18	4453	6.60	-110	95	NM	NM	NM	NA
17	4250	7.40	-100	105	NM	NM	NM	NA
19	2269	6.50	-76	129	6.8	NM	NM	NA
18	3042	8.07	-88	117	21.5	NM	NM	NA
18	4350	8.10	-68	137	8.66	NM	NM	NA
19	4528	8.39	-71	134	20.7	NM	NM	NA
18	4600	5.96	40	245	7.52	NM	NM	NA
19	4840	6.64	99	304	0.91	NM	NM	NA
19	4657	5.83	50	255	0.53	NM	NM	NA
18	4831	4.92	77	282	5.37	NM	NM	NA
20	4683	8.19	215	420	1.3	NM	NM	NA
16	4622	8.62	265	470	2.1	NM	NM	NA
NM	1750	NM	NM	NM	NM	NM	NM	NA
NM	1360	NM	NM	NM	NM	NM	NM	NA
NM	4300	NM	NM	NM	NM	NM	NM	NA
NM	4770	NM	NM	NM	NM	NM	NM	NA
NM	4200	NM	NM	NM	NM	NM	NM	NA
NM	5500	NM	NM	NM	NM	NM	NM	NA
NM	5000	NM	NM	NM	NM	NM	NM	NA
NM	4800	NM	NM	NM	NM	NM	NM	NA
NM	5060	NM	NM	NM	NM	NM	NM	NA
18	5060	NM	NM	NM	NM	NM	NM	NA
19	3762	8.96	-46	159	NM	NM	NM	NA
21	4910	1.25	NM	NM	NM	NM	NM	NA
20	2666	8.79	94	299	NM	NM	NM	NA
19	3954	6.88	-91	114	NM	NM	NM	NA
21	5426	5.71	-44	161	NM	NM	NM	NA
18	5265	7.60	-69	136	NM	NM	NM	NA
20	4991	5.80	-42	163	5	NM	NM	NA
20	3605	8.43	-71	134	3.55	NM	NM	NA
20	5197	6.10	-9	196	1.55	NM	NM	NA
20	5052	6.50	-34	171	2.74	NM	NM	NA
19	5152	4.84	67	272	12.8	NM	NM	NA
19	5449	4.35	156	361	1.71	NM	NM	NA
20	5219	4.59	52	257	1.1	NM	NM	NA
18	5243	4.50	112	317	5.28	NM	NM	NA
21	5166	6.31	250	455	3.2	NM	NM	NA
16	5188	7.83	283	488	2.9	NM	NM	NA

NM	287	NM	NM	NM	NM	NM	NM	NA
NM	858	NM	NM	NM	NM	NM	NM	NA
NM	6100	NM	NM	NM	NM	NM	NM	NA
NM	6300	NM	NM	NM	NM	NM	NM	NA
NM	6000	NM	NM	NM	NM	NM	NM	NA
NM	6400	NM	NM	NM	NM	NM	NM	NA
NM	6580	NM	NM	NM	NM	NM	NM	NA
20	6520	NM	NM	NM	NM	NM	NM	NA
19	5155	NM	NM	NM	NM	NM	NM	NA
19	5060	1.24	NM	NM	NM	NM	NM	NA
19	2562	9.49	-71	134	NM	NM	NM	NA
19	4175	7.40	17	222	NM	NM	NM	NA
20	5318	5.53	-941	-736	NM	NM	NM	NA
17	5610	4.00	72	277	NM	NM	NM	NA
21	5370	3.40	224	429	2.6	NM	NM	NA
18	3388	4.51	129	334	0.75	NM	NM	NA
19	5052	3.30	153	358	0.93	NM	NM	NA
20	5383	2.20	-19	186	1.1	NM	NM	NA
18	5320	2.00	196	401	7.82	NM	NM	NA
15	6360	7.30	316	521	1.18	NM	NM	NA
19	5360	2.37	114	319	0.27	NM	NM	NA
18	5179	3.18	186	391	5.11	NM	NM	NA
23	5087	4.32	350	555	0.65	NM	NM	NA
17	5416	5.09	343	548	3.0	NM	NM	NA
22	5168	2.58	40	245	0.54	13	NM	NA
21	6660	1.79	103	308	0.44	NM	NM	NA
21	5997	3.86	66	271	0.39	NM	NM	NA
20	5719	5.56	207	412	5.89	NM	NM	NA
22	5641	5.87	393	598	13.8	NM	NM	NA
13	6701	8.79	446	651	5.6	NM	NM	NA
21	4999	1.66	43	248	0.76	11.71	NM	NA
20	6220	5.77	82	287	0.97	NM	NM	NA
22	5808	7.38	-6	199	1.16	NM	NM	NA
20	5392	7.18	278	483	12.1	NM	NM	NA
24	5818	8.02	292	497	1.18	NM	NM	NA
18	6846	8.56	319	524	3.5	NM	NM	NA
23	5040	6.75	103	308	4.5	NM	NM	NA
23	5040	6.75	103	308	4.5	NM	NM	NA
20	5244	5.63	172	377	1.2	NM	NM	NA
20	393	6.81	232	437	4.85	NM	NM	66.2
24	415	6.70	202	407	4.74	NM	NM	66.5
21	392	7.66	189	394	3.73	NM	NM	70.2
23	423	6.96	167	372	11.9	NM	NM	77.9
19	428	8.19	212	417	7.82	NM	NM	84.8
19	315	6.45	203	408	3.82	NM	NM	58.8

19	329	7.52	180	385	5.03	NM	NM	62.7
19	324	6.17	182	387	3.6	NM	NM	64.8
23	330	6.14	196	401	3.62	NM	NM	69.9
19	344	6.95	210	415	3.09	NM	NM	77.1
19	3004	1.60	41	246	23	NM	NM	NA
14	1992	8.80	-17	188	5.68	NM	NM	140
29	1786	4.71	184	NM	11.8	0.31	NM	NA
26	1834	4.10	-43	163	49	NM	NM	NA
15	1983	5.40	-20	185	1.43	NM	NM	190
21	2061	5.49	-22	183	8.1	0.9	NM	190
15	1994	6.92	53	258	2.71	NM	NM	NA
18	223	6.39	-32	173	9.35	NM	NM	170
30	2535	3.54	-11	194	11.9	1	NM	92
16	2600	4.16	-55	150	70.3	0.2	NM	100
16	2669	5.16	-70	135	4	NM	NM	120
16	2641	5.82	-64	141	3.5	0.8	NM	68
29	1854	4.65	-63	NM	17.1	0.65	NM	NA
24	1654	3.40	25	230	31.1	NM	NM	NA
16	1844	5.30	-60	145	4.36	NM	NM	220
18	1836	6.00	-59	146	6.78	NM	NM	250
16	1757	5.31	-53	152	8.45	NM	NM	NA
18	1892	5.69	39	244	8.02	NM	NM	210
30	2213	2.34	-2	203	11.8	NM	NM	160
16	2291	5.27	-82	123	152	NM	NM	160
16	2376	5.18	-67	138	5.21	NM	NM	140
29	2437	4.75	-25	NM	6.8	0.35	NM	NA
26	2162	4.70	-53	152	38.8	NM	NM	NA
16	2236	6.40	-82	123	2.76	NM	NM	210
18	2017	5.45	-56	149	9.05	NM	NM	220
17	2080	5.44	-45	160	2.0	NM	NM	150
28	4612	4.77	-116	NM	25.5	0.44	NM	NA
28	4440	7.20	-94	111	16.1	NM	NM	NA
17	4618	6.50	-98	107	6.04	NM	NM	180
18	4016	7.40	-110	95	7.72	NM	NM	220
17	3821	7.75	-121	84	28.7	NM	NM	NA
19	3639	6.91	-73	132	2.07	NM	NM	220
30	3243	5.23	-70	136	4.33	NM	NM	220
16	3185	5.75	-63	142	31.7	NM	NM	240
21	6240	4.02	-51	NM	34.8	0.74	NM	NA
17	7250	1.80	-24	181	6.68	NM	NM	150
16	6522	1.60	-24	182	7.5	1	NM	200
16	6215	1.51	-23	182	2.03	1	NM	NA
18	6015	1.20	-3	202	6.2	NM	NM	210
22	5857	2.65	-49	156	9.48	NM	NM	210
17	5431	1.30	-10	195	85	2.1	NM	220

16	5163	1.81	-19	186	0.92	NM	NM	230
26	274	4.10	175	NM	2.63	NF	NM	NA
17	2746	0.14	-228	-23	53.8	NM	NM	190
NM	NM	NM	NM	NM	NM	NM	NM	NA
12	1080	0.77	-68	137	20.15	NM	NM	170
7	687	2.30	76	281	35.1	NM	NM	120
14	1374	4.54	-27	178	32.2	0	NM	310
17	1765	2.89	-57	147	5.5	0	NM	NA
19	3567	3.38	83	288	58.4	NM	NM	340
29	282	3.92	-60	145	14	NM	NM	40
17	662	4.75	-10	195	2.47	NM	NM	160
14	317	4.98	9	214	8.7	NM	NM	NA
18	652	6.06	100	NM	NM	12.38	NM	NA
19	470	7.34	-42	163	7.64	7.35	NM	95
20	394	4.50	-19	186	16.5	NM	NM	100
13	499	8.90	-26	179	4.14	NM	NM	70
10	449	9.15	-16	189	3.78	58	NM	83
12	455	10.46	-70	135	7.94	58	NM	NA
19	605	7.13	20	189	5.74	32.9	NM	78
21	302	7.61	11	216	5.12	NM	NM	62
15	759	8.78	-13	192	10.6	23.2	NM	130
13	471	9.95	-86	119	9.4	62.6	NM	85
29	417	4.27	65	270	3.4	NM	NM	NA
13	425	3.23	-60	145	4.0	NM	NM	NA
11	209	8.19	109	314	22.7	NM	NM	NA
19	384	8.60	149	354	5.2	NM	NM	NA
23	752	11.64	109	314	5.4	NM	NM	NA
17	673	8.35	131	336	2.0	NM	NM	NA
23	1446	3.80	77	NM	6.17	5.61	NM	NA
17	1704	6.31	10	215	10.1	NM	NM	160
19	1568	6.10	-50	155	3.8	NM	NM	130
15	1667	7.10	24	229	8.74	NM	NM	150
15	1164	6.72	9	214	2.77	22	NM	96
16	1184	7.73	-19	186	12.2	22	NM	NA
21	1411	4.91	-6	199	9.07	NM	NM	150
18	860	2.73	142	347	26.7	17.8	NM	82
16	2039	5.81	-28	177	31.4	1.4	NM	270
16	2139	9.45	61	266	4.83	NM	NM	270
29	1854	5.90	24	229	1.17	NM	NM	NA
16	1470	7.20	148	353	2.94	NM	NM	220
22	1530	7.51	40	245	1.25	NM	NM	240
9	1430	11.50	103	308	5.46	NM	NM	NA
22	1557	6.14	88	293	2.68	1.6	NM	250
15	1721	6.96	-73	132	18	NM	NM	260
39	1387	4.10	46	251	32.1	1.2	NM	NA

16	1299	8.24	-96	109	2.3	0.8	NM	NA
9	1174	10.52	127	332	1.6	3.97	NM	NA
26	1627	6.61	145	350	5.1	NM	NM	NA
13	837	8.04	-107	98	2.4	0.214	NM	NA
9	524	7.62	161	366	6.1	7.37	NM	NA
20	766	6.36	100	305	11.0	NM	NM	NA
16	675	3.07	11	216	6.49	NM	NM	160
22	93	4.78	104	NM	6.71	66	NM	NA
24	123	0.11	-77	128	29.2	121	NM	27
16	81	7.66	-43	162	5.66	NM	NM	23
17	148	5.48	36	241	8.14	87	NM	45
15	153	3.40	73	278	15.4	NM	NM	34
15	442	4.35	27	232	15.6	NM	NM	36
17	514	8.09	37	242	16.6	NM	NM	61
NM	NM	NM	NM	NM	NM	NM	NM	NA
24	396	5.15	82	287	4.34	NM	NM	50
15	338	7.80	-190	15	5.49	NM	NM	33
15	274	6.70	-94	111	4.7	NM	NM	33.2
17	269	7.97	350	555	10.9	NM	NM	33
19	272	7.40	137	342	8.99	NM	0	34.3
19	280	7.30	137	342	6.45	NM	0	34.4
21	325	7.40	143	348	11.3	NM	0	36.9
22	340	0.21	-111	95	39.5	NM	NM	93.4
33	265	7.20	6	211	4.31	NM	NM	38.1
33	262	8.57	98	303	6	NM	NM	37.4
31	262	6.50	106	311	12.2	NM	NM	37.4

FIELD PARAMETERS								
17	409	6.00	131	336	1.71	NM	NM	NA
17	499	7.97	61	266	10.6	NM	NM	59
15	6360	7.30	316	521	1.18	NM	NM	NA
28	4440	7.20	-94	111	16.1	NM	NM	NA
18	652	6.06	100	NM	NM	12.4	NM	NA
20	396	4.90	-27	178	3.6	NM	NM	110
13	425	3.23	-60	145	4.0	NM	NM	NA
11	209	8.19	109	314	22.7	NM	NM	NA
19	384	8.60	149	354	5.2	NM	NM	NA
23	752	11.64	109	314	5.4	NM	NM	NA
17	673	8.35	131	336	2.0	NM	NM	NA
17	1704	6.31	10	215	10.1	NM	NM	160
18	860	2.73	142	347	26.7	17.8	NM	81
39	1387	4.10	46	251	32.1	1.2	NM	NA
24	396	5.15	82	287	4.34	NM	NM	50
21	325	7.40	143	348	11.3	NM	0	NA

WATER QUALITY PARAMETERS					SELECTED 40CFR257 APPENDIX III CONST			
mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	ug/L

WATER QUALITY PARAMETERS					SELECTED 40CFR257 APPENDIX III CONST			
Bicarbonate Alkalinity	Methane	Sulfide	Total Organic Carbon	Total Suspended Solids	Boron	Calcium	Chloride	Strontium
NA	NA	NA	NA	NA	12300	NA	1000	NA
NA	NA	NA	NA	NA	4430	NA	120	NA
NA	NA	NA	NA	NA	5250	NA	53	NA
NA	NA	NA	NA	NA	2050	NA	97	NA
NA	NA	NA	NA	NA	777	NA	39	NA
NA	NA	NA	NA	NA	530	NA	56	NA
NA	NA	NA	NA	NA	111	NA	11.8	NA
NA	NA	NA	NA	NA	29800	NA	1910	NA
NA	NA	NA	NA	NA	4650	NA	13.5	NA
NA	NA	NA	NA	NA	659	NA	36.1	NA
NA	NA	NA	NA	NA	656	NA	36.5	NA
NA	NA	NA	NA	NA	648	NA	36	NA
NA	NA	NA	NA	NA	647	NA	36.6	NA
NA	NA	NA	NA	NA	748	NA	36.3	NA
77.8	10300	<0.1	9.2	49	708	25.4	21 B2	271
37.2	11.9	<0.1	6.3	<5	800	25.2	25 B2	257
54.3	2900	<0.1	7.1	45	740	24.7	21 B2	280
36	27.5	<0.1	6.4	<5	772	24.7	23 B2	249
37.3	<10	<0.1	6.2	<5	1120	20.1	6	363
39.4	<10	<0.1	5.9	<5	1110	20.7	6	356
41.1	<10	<0.1	6	<5	1430	24.7	6.4	463
38	<10	<0.1	6.1	<5	1100	20.6	6	355
37.4	<10	<0.1	6	<5	1130	20.6	5.9	366
38.8	<10	<0.1	6	<5	1100	20.5	6	355
41	NA	NA	NA	<5	1540	35.8	48	NA
60	NA	NA	NA	7	2200	49.9	20	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
36	NA	NA	NA	<5	692	18.2	32	NA
63	73.4	<0.1	7.1	15	2150	32.7	10	622
72.7	<10	<0.1	4.1	<5	1810	37	11	511
91.2	<10	<0.1	3.7	<5	2020	46.8	13	551
46.7	NA	NA	NA	<5	1420	25.5	6.7	NA

67	NA	NA	NA	8	1570	35.9	8.4	NA
96.4	<10	<0.1	3.3	<5	1560	44.9 M4	13	469
103	<10	0.1	3.3	<5	1620	59.3	14	578
54.9	1360	<0.1	7.2	48	731	24.9	21 B2	277
36.6	1650	<0.1	6.3	<5	797	24.7	24 B2	259
35.4	27.6	<0.1	6.6	11	696	22.1	20 B2	236
36	29.8	<0.1	6.3	<5	701	22.9	21 B2	234
NA	NA	NA	<0.5	NA	NA	NA	30.7	NA
NA	NA	NA	0.56	NA	NA	NA	96.9	NA
NA	NA	NA	0.81	NA	NA	NA	100	NA
NA	NA	NA	0.69	NA	NA	NA	79.1	NA
NA	NA	NA	0.87	NA	NA	NA	80.8	NA
NA	NA	NA	0.97	NA	NA	NA	76	NA
NA	NA	NA	0.82	NA	NA	NA	83	NA
NA	NA	NA	0.86	NA	NA	NA	43	NA
NA	NA	NA	0.79	NA	NA	NA	46	NA
NA	NA	NA	0.33	NA	60500	NA	56	NA
NA	NA	NA	0.58	NA	33200	NA	52	NA
NA	NA	NA	1.4	NA	NA	NA	68.9	NA
NA	NA	NA	2.7	NA	NA	NA	113	NA
NA	NA	NA	3.7	NA	47900	NA	92.9	NA
NA	NA	NA	2.8	NA	52700	NA	99.8	NA
NA	NA	NA	3.1	NA	54400	NA	90.2	NA
NA	NA	NA	4	NA	60400	NA	92.7	NA
NA	NA	NA	0.578	NA	51500	NA	57	NA
NA	NA	NA	0.561	NA	54200	NA	59	NA
NA	NA	NA	0.761	NA	46100	NA	50	NA
NA	NA	NA	0.567 b	NA	56700	NA	58	NA
NA	NA	NA	NA	NA	45700	NA	45	NA
NA	NA	NA	NA	NA	54500	NA	58.7	NA
NA	NA	NA	NA	NA	43400	NA	43.3	NA
NA	NA	NA	NA	NA	51400	NA	52	NA
NA	NA	NA	NA	NA	53500 B3	NA	56.9	NA
NA	NA	NA	NA	NA	52000	NA	57	NA
NA	NA	NA	NA	NA	49600	NA	51.3	NA
NA	NA	NA	NA	NA	36700	NA	33.7	NA
NA	NA	NA	<0.5	NA	NA	NA	14	NA
NA	NA	NA	0.66	NA	NA	NA	99.4	NA
NA	NA	NA	0.9	NA	NA	NA	110	NA
NA	NA	NA	0.58	NA	NA	NA	94.4	NA
NA	NA	NA	0.85	NA	NA	NA	91.1	NA
NA	NA	NA	1.02	NA	NA	NA	95.2	NA
NA	NA	NA	0.79	NA	NA	NA	70	NA
NA	NA	NA	0.83	NA	NA	NA	49	NA
NA	NA	NA	0.5	NA	569000	NA	59	NA

NA	NA	NA	0.66	NA	39800	NA	56	NA
NA	NA	NA	1.4	NA	NA	NA	66.9	NA
NA	NA	NA	1.5	NA	NA	NA	141	NA
NA	NA	NA	3.8	NA	36600	NA	97.1	NA
NA	NA	NA	4.9	NA	44600	NA	99.2	NA
NA	NA	NA	2.9	NA	45400	NA	103	NA
NA	NA	NA	3.1	NA	51900	NA	119	NA
NA	NA	NA	0.7	NA	45000	NA	97	NA
NA	NA	NA	3.1	NA	46500	NA	93	NA
NA	NA	NA	0.95	NA	46200	NA	100	NA
NA	NA	NA	0.671 b	NA	48500	NA	98	NA
NA	NA	NA	NA	NA	46600	NA	110	NA
NA	NA	NA	NA	NA	50800	NA	145	NA
NA	NA	NA	NA	NA	50500	NA	149	NA
NA	NA	NA	NA	NA	53100	NA	160	NA
NA	NA	NA	NA	NA	55100 B3	NA	178	NA
NA	NA	NA	NA	NA	53900	NA	160	NA
NA	NA	NA	NA	NA	50600	NA	175	NA
NA	NA	NA	NA	NA	45300	NA	171	NA
NA	NA	NA	<0.5	NA	NA	NA	9.76	NA
NA	NA	NA	<0.5	NA	NA	NA	6.45	NA
NA	NA	NA	0.94	NA	NA	NA	78.2	NA
NA	NA	NA	0.68	NA	NA	NA	48.8	NA
NA	NA	NA	0.9	NA	NA	NA	36	NA
NA	NA	NA	1	NA	NA	NA	25	NA
NA	NA	NA	0.7	NA	49000	NA	37	NA
NA	NA	NA	0.92	NA	29100	NA	33	NA
NA	NA	NA	3.8	NA	NA	NA	53.3	NA
NA	NA	NA	3.6	NA	NA	NA	89.7	NA
NA	NA	NA	28.1	NA	30800	NA	62.8	NA
NA	NA	NA	2.6	NA	41300	NA	63.5	NA
NA	NA	NA	1.5	NA	41800	NA	80	NA
NA	NA	NA	1.7	NA	45600	NA	144	NA
NA	NA	NA	0.623	NA	49100	NA	130	NA
NA	NA	NA	1.1	NA	57200	NA	160	NA
NA	NA	NA	1.2	NA	54600	NA	160	NA
NA	NA	NA	0.942	NA	50900	NA	270	NA
NA	NA	NA	NA	NA	49800	NA	320	NA
NA	NA	NA	NA	NA	47300	NA	389 B2	NA
NA	NA	NA	NA	NA	49600	NA	332	NA
NA	NA	NA	NA	NA	49700	NA	415	NA
NA	NA	NA	NA	NA	51600 B3	NA	418	NA
NA	NA	NA	NA	NA	49900	NA	400	NA
NA	NA	NA	NA	NA	50400	NA	394	NA
NA	NA	NA	NA	NA	45600	NA	325	NA

NA	NA	NA	<0.5	NA	NA	NA	1.7	NA
NA	NA	NA	0.68	NA	NA	NA	4.82	NA
NA	NA	NA	0.45	NA	NA	NA	61	NA
NA	NA	NA	0.62	NA	NA	NA	38	NA
NA	NA	NA	0.53	NA	41700	NA	34	NA
NA	NA	NA	0.6	NA	48600	NA	36	NA
NA	NA	NA	14.6	NA	NA	NA	61	NA
NA	NA	NA	14.6	NA	NA	NA	72.6	NA
NA	NA	NA	1.1	NA	36500	NA	60.5	NA
NA	NA	NA	1.2	NA	34400	NA	72.8	NA
NA	NA	NA	7.3	NA	40600	NA	83.9	NA
NA	NA	NA	1.1	NA	47200	NA	97	NA
NA	NA	NA	0.873	NA	47000	NA	82	NA
NA	NA	NA	1	NA	56700	NA	120	NA
NA	NA	NA	1.1	NA	52200	NA	120	NA
NA	NA	NA	0.87 b	NA	52000	NA	200	NA
NA	NA	NA	NA	NA	46100	NA	200	NA
NA	NA	NA	NA	NA	51500	NA	259 B2	NA
NA	NA	NA	NA	NA	51000	NA	229	NA
NA	NA	NA	NA	NA	22300	NA	761	NA
NA	NA	NA	NA	NA	46900 B3	NA	411	NA
NA	NA	NA	NA	NA	47400	NA	320	NA
NA	NA	NA	NA	NA	43300	NA	401	NA
NA	NA	NA	NA	NA	45600	NA	51	NA
NA	NA	NA	NA	NA	20200	NA	645	NA
NA	NA	NA	NA	NA	19200 M4	NA	759	NA
NA	NA	NA	NA	NA	29100 B3	NA	868	NA
NA	NA	NA	NA	NA	26200	NA	770	NA
NA	NA	NA	NA	NA	28200	NA	832	NA
NA	NA	NA	NA	NA	19800	NA	979	NA
NA	NA	NA	NA	NA	15500	NA	633	NA
NA	NA	NA	NA	NA	30100	NA	961	NA
NA	NA	NA	NA	NA	19600 B3	NA	636	NA
NA	NA	NA	NA	NA	17100	NA	840	NA
NA	NA	NA	NA	NA	17700	NA	987	NA
NA	NA	NA	NA	NA	16200	NA	990	NA
NA	NA	NA	NA	NA	39300	NA	479	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	43500	NA	437	NA
66.2	<10	<0.1	4.5	<5	1110	37.1	8.6	387
66.5	<10	<0.1	4.2	<5	1040	36.9	9.1	379
70.2	<10	<0.1	4.3	<5	1040	37	9	376
77.9	<10	<0.1	4.7	7	1080	38.5	9.3	387
84.8	<10	<0.1	4.1	6.4	1150	41.3	9.4	415
58.8	<10	<0.1	4.5	<5	1170	29	7.4	351

62.7	<10	<0.1	2.1	<5	1160	28.5	7.7	352
64.8	<10	<0.1	4.1	<5	1110	27.4	7.8	338
69.9	<10	<0.1	4.2	<5	1170	29.4	7.9	354
77.1	<10	<0.1	4.1	3.5	1280	32.2	8	384
NA	NA	NA	NA	720	4210	NA	62	NA
140	NA	NA	NA	19	2920	283	70	NA
NA	NA	NA	NA	<5	4490	268 M4	130	NA
NA	NA	NA	NA	180	4270	NA	98	NA
190	NA	NA	NA	10	3810	276	96	NA
190	NA	NA	NA	24	3730	268	81	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
170	NA	NA	NA	29	3610	282 M4	79	NA
92	NA	NA	NA	12	3740	348 M4	68	NA
100	NA	NA	NA	59	3560	353	63	NA
120	NA	NA	NA	48	3480	352 M4	56	NA
68	NA	NA	NA	38	3290	351 M4	48	NA
NA	NA	NA	NA	22	6960	275	260	NA
NA	NA	NA	NA	60	5490	NA	190	NA
220	NA	NA	NA	44	4940	227	190	NA
250	NA	NA	NA	28	4460	234	140	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
210	NA	NA	NA	28	4130	253	130	NA
160	NA	NA	NA	19	3810	292	97	NA
160	NA	NA	NA	96	3790	302	94	NA
140	NA	NA	NA	33	3670	305	79	NA
NA	NA	NA	NA	27	9440	338	460	NA
NA	NA	NA	NA	38	7720	NA	330	NA
210	NA	NA	NA	16	7140	274	300	NA
220	NA	NA	NA	29	5580	257	220	NA
NA	NA	NA	NA	44	4130	278	110	NA
NA	NA	NA	NA	9	16300	718	1400	NA
NA	NA	NA	NA	15	16200	NA	1100	NA
180	NA	NA	NA	30	14800	438	1100	NA
220	NA	NA	NA	23	14000	543	880	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
220	NA	NA	NA	18	13200	484	820	NA
220	NA	NA	NA	<5	11600	456	630	NA
240	NA	NA	NA	19	12500	465 M4	640	NA
NA	NA	NA	NA	36	29300	1190	2100	NA
150	NA	NA	NA	120	28600	788	2100	NA
200	NA	NA	NA	31	31400	1010	1800	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
210	NA	NA	NA	50	27400	841	1700	NA
210	NA	NA	NA	7	27100	815	1500	NA
220	NA	NA	NA	39	26800	863	1500	NA

230	NA	NA	NA	9	26000	786	1300	NA
NA	NA	NA	NA	9	1380	21.6 B1	5.8	NA
190	NA	2.25	12	81	9540	98.1	6.5	1180
NA	16	NA	NA	NA	NA	NA	NA	NA
170	<10	<0.1	16	65	9670	122	22	1750
120	NA	NA	NA	32	4710	59.3	13	NA
310	NA	NA	NA	31	18700	198	28	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
330	NA	NA	NA	9.4	50300	424	71	NA
40	NA	NA	NA	8	1260	18.8 B2	3.3	NA
160	NA	NA	NA	<5	3970	48.9	11	NA
NA	NA	NA	NA	<5	2140	27	4.7	NA
NA	NA	NA	NA	<5	1480	61.9 B1	13	NA
95	<10	<0.1	4.3	5	1390	68.7	12	588
100	<10	<0.2	5.1	53	1280	205	28	1150
70	NA	NA	NA	<5	1180	42.6	11	NA
82	NA	NA	NA	<5	980	38.7	9.9	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
78	NA	NA	NA	<5	2530	56.9	14	NA
62	NA	NA	NA	<5	662	29.8 B2	5.9	NA
130	NA	NA	NA	<5	2190	83.3	17	NA
85	NA	NA	NA	<5	1080	45.6	11	NA
NA	NA	NA	NA	<5	989	38.1	7.8	NA
NA	NA	NA	NA	NA	805	40.9	9.5	NA
NA	NA	NA	NA	5	343	17.8	4.4	NA
NA	NA	NA	NA	NA	810	37.4	8.9	NA
NA	NA	NA	NA	NA	1670	42.4	11	NA
NA	NA	NA	NA	NA	1520	69.5	16	NA
NA	NA	NA	NA	97	1780	248 B1	19	NA
160	56	<0.1	7.5	9	1640	274	17	1220
130	34	<0.1	6.9	8	1470	309	20	1160
150	NA	NA	NA	44	1740	316	24	NA
96	NA	NA	NA	<5	1140	192	13	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
150	NA	NA	NA	13	1880	249	20	NA
82	NA	NA	NA	<5	500	148 B2	5.2	NA
260	NA	NA	NA	24	4270	402	41	NA
260	NA	NA	NA	6	4020	414	38	NA
NA	NA	NA	NA	50	4220	NA	38	NA
220	NA	NA	NA	14	2200	160	27	NA
240	NA	NA	NA	<5	2120	147	29	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
250	NA	NA	NA	6	3310	172	45	NA
260	NA	NA	NA	<5	3790	179	61	NA
NA	NA	NA	NA	16	2380	129	35	NA

NA	NA	NA	NA	NA	1610	122	28	NA
NA	NA	NA	NA	<5	859	122	15	NA
NA	NA	NA	NA	NA	2740	154	44	NA
NA	NA	NA	NA	NA	334	74.3	19	NA
NA	NA	NA	NA	<5	341	47.8	13	NA
NA	NA	NA	NA	NA	425	72.3	18	NA
160	NA	NA	NA	7	1170	63.1 B2	30	NA
NA	NA	NA	NA	11	<50	5.48 B1	5.7	NA
27	310	<0.1	5.8	21	<50	4.9	5	36
23	61	<0.1	5.7	<5	<50	4.27	6.1	30
45	<10	<0.1	2.5	9	<50	11	6.8	76
34	<10	<0.1	3.2	<5	<50	9.27	6.9	74
36	NA	NA	NA	44	1670	40.2	57	NA
60	NA	NA	NA	52	1790	51.8	45	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
50	NA	NA	NA	14	1440	34.9	53	NA
33	<10	<0.1	5.9	<5	885	24.4	28	256
33.2	<10	<0.1	5.5	6	894	24.7	28	257
33	<10	<0.1	6	9	877	24.8	29	253
34.3	30.6	<0.1	5.9	12	895	24.7	28	259
34.4	47.2	<0.1	5.9	7	1010	26.4	31	261
36.9	32.6	<0.1	6	8	1210	30.5	44	282
93.4	8850	<0.1	8.2	53	798	30	24 B2	345
38.1	15.7	<0.1 M3	6.6	<5	799	25.1	24 B2	258
37.4	55.6	<0.1	6.4	5.6	773	24.6	24 B2	252
37.4	34.1	<0.1	6.4	20	770	24.7	24 B2	251

WATER QUALITY PARAMETERS					**SELECTED 40CFR257 APPENDIX III CONST**			
NA	NA	NA	NA	NA	NA	NA	NA	NA
59	NA	NA	NA	7	2140	48.3	20	NA
NA	NA	NA	NA	NA	21400	NA	764	NA
NA	NA	NA	NA	15	16100	NA	1100	NA
NA	NA	NA	NA	5	1490	62.1 B1	13	NA
110	<10	<0.1	4.9	20	1270	200	28	1140
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
160	42	<0.1	7.6	11	1600	279	17	1200
81	NA	NA	NA	<5	500	148 B2	5.3	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
50	NA	NA	NA	14	1460	35.3	51	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

ITUENTS plus Sr								
mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

ITUENTS plus Sr								
Sulfate	Total Dissolved Solids	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium (VI)
440	2810	80	<1	1.6	236	NA	<1	NA
600	1340	15	<1	1.38	176	NA	<1	NA
1500	2470	251	1.08	1.61	25	NA	<1	NA
64	NA	1610	<1	7.89	84	NA	<1	NA
24	NA	1260	<1	1.18	39	NA	<1	NA
400	NA	488	<1	<1	35	NA	<1	NA
18.6	NA	320	<1	<1	51	NA	<1	NA
596	NA	98	<1	1.98	244	NA	<1	NA
227	NA	1000	<1	3.24	57	NA	<1	NA
22.8	NA	872	<1	1.19	35	NA	<1	NA
22.6	NA	903	<1	1.12	35	NA	<1	NA
22.5	NA	899	<1	1.2	35	NA	<1	NA
22.7	NA	912	<1	1.04	35	NA	<1	NA
23.3	NA	1080	<1	1.35	40	NA	<1	NA
17	190	1660	<1	134	125	<1	<1	NA
43	200	126	<1	7.97	58	<1	<1	NA
33	200	1490	<1	60.2	109	<1	<1	NA
40	190	142	<1	7.11	57	<1	<1	NA
62	160	347	<1	3.42	42	<1	<1	NA
63	160	179	<1	3.67	40	<1	<1	NA
75	190	332	<1	4.6	59	<1	<1	NA
63	150	178	<1	3.38	40	<1	<1	NA
62	160	171	<1	3.61	41	<1	<1	NA
63	150	173	<1	3.48	41	<1	<1	NA
70	220	129	<1	3.7	41	NA	<1	NA
150	300	477	<1	5.56	34	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
23	130	92	<1	1.8	21	NA	<1	NA
100	260	206	<1	4.09	56	<1	<1	NA
99	240	17	<1	1.35	66	<1	<1	NA
130	310	146	<1	1.65	65	<1	<1	NA
83	180	469	<1	2.13	36	NA	<0.1	NA

100	220	136	<1	1.66	49	NA	<0.1	NA
160	300	21	<1	<1	62	<1	<1	NA
120	380	11	<1	<1	68	<1	<1	NA
31	180	1420	<1	54.3	107	<1	<1	NA
41	180	118	<1	7.15	60	<1	<1	NA
36	160	333	<1	7.1	64	<1	<1	NA
38	160	153	<1	6.24	55	<1	<1	NA
1606.5	2540	NA	NA	26	45	NA	<5	NA
1660	4350	NA	NA	48	26	NA	25	NA
796	3600	NA	NA	44	39	NA	35	NA
2960	3890	NA	NA	28	152	NA	18	NA
2650	4140	NA	NA	46	36	NA	42	NA
2000	2300	NA	NA	39	302	NA	12	NA
2720	4180	NA	NA	40	250	NA	180	NA
2000	3500	NA	NA	<2	29.4	NA	<0.5	NA
2300	3900	NA	NA	5.8	36	NA	<0.36	NA
2300	4100	NA	NA	13.8	37.2	NA	<0.09	NA
2100	4000	NA	NA	<2.8	20.8	NA	<0.36	NA
<500	4370	NA	NA	7.4	34	NA	<0.5	NA
3600	4270	NA	NA	8.2	34.5	NA	<0.08	NA
2140	4360	NA	NA	10.3	33.4	NA	<0.08	NA
2790	<500	NA	NA	24.5	33.6	NA	<0.08	NA
3050	4520	NA	NA	12.9	31.1	NA	<0.08	NA
2900	4340	NA	NA	18.6	32.7	NA	<0.08	NA
2300	4100	NA	NA	5.98	34	NA	<5	NA
2300	4200	NA	NA	6.74	37	NA	7.56	NA
3100	3700	NA	NA	6.5	33	NA	3.18	NA
2400	4100	NA	NA	6.7	33	NA	1.81	NA
2000	3600	NA	NA	6.65	34	NA	3.57	NA
2390	3950	NA	NA	16.8	36.2	NA	2.59	NA
2220	3650	NA	NA	7.23	36.9	NA	0.856 j	NA
2320	4090	NA	NA	10.7	35.7	NA	2.39	NA
2580	4200	NA	NA	12.5	34.3	NA	2.3	NA
2500	4300	NA	NA	15.4	35	NA	2.64	NA
2340	3940	NA	NA	10.7	34.6	NA	2.11	NA
1890	3160	NA	NA	11.6	36.5	NA	1.03	NA
1120	1290	NA	NA	52	92	NA	<2	NA
2840	4780	NA	NA	57	26	NA	22	NA
538	3640	NA	NA	28	26	NA	<2	NA
2710	3800	NA	NA	<3	658	NA	<2	NA
2690	3870	NA	NA	54	33	NA	40	NA
2350	4250	NA	NA	49	226	NA	21	NA
2300	4000	NA	NA	<2	28.9	NA	<0.5	NA
2000	3600	NA	NA	<2.8	32.1	NA	<0.36	NA
2200	4100	NA	NA	9	31.5	NA	<0.09	NA

2300	4300	NA	NA	<2.8	17.2	NA	<0.36	NA
<500	3700	NA	NA	2.5	25.1	NA	<0.08	NA
2850	3670	NA	NA	3.1	25.6	NA	<0.08	NA
1810	3420	NA	NA	7.9	29.4	NA	<0.08	NA
1800	1580	NA	NA	21.9	24.7	NA	<0.08	NA
2060	4740	NA	NA	8.4	26.2	NA	<0.08	NA
2260	3980	NA	NA	13.2	27.2	NA	<0.08	NA
2300	4100	NA	NA	<5	28	NA	<5	NA
2200	4000	NA	NA	2.74	30	NA	6.04	NA
2300	4000	NA	NA	2.87	28	NA	3.1	NA
2200	4000	NA	NA	3.42	28	NA	1.48	NA
2100	4100	NA	NA	4.63	30	NA	3.63	NA
2200	3900	NA	NA	3.5	31.5	NA	2.42	NA
2480	4120	NA	NA	4.37	32.3	NA	1.11	NA
2320	4020	NA	NA	3.13	31.1	NA	2.84	NA
2570	4260	NA	NA	3.62	31.4	NA	2.51	NA
2500	4400	NA	NA	3.84	33	NA	3.3	NA
2300	4040	NA	NA	4	32.5	NA	2.54	NA
2140	3740	NA	NA	3.61	35.8	NA	1.63	NA
1560	2000	NA	NA	4	212	NA	2	NA
557	1020	NA	NA	<3	44	NA	<2	NA
3890	2040	NA	NA	39	292	NA	8	NA
2690	3890	NA	NA	27	221	NA	9	NA
2200	3700	NA	NA	<2	37.3	NA	<0.5	NA
1900	4800	NA	NA	2.8	29.4	NA	<0.36	NA
2800	4500	NA	NA	6.3	31.2	NA	1.66	NA
2400	4400	NA	NA	<2.8	16.2	NA	<0.36	NA
<500	4320	NA	NA	1.1	23.9	NA	<0.08	NA
3740	4380	NA	NA	1.5	26.8	NA	<0.08	NA
2030	3330	NA	NA	<5	33.9	NA	<0.08	NA
2510	4420	NA	NA	13.1	25.4	NA	<0.08	NA
3280	5240	NA	NA	<5	26.6	NA	<0.08	NA
2620	4580	NA	NA	8.2	27.1	NA	<0.08	NA
2900	4800	NA	NA	<5	37	NA	<5	NA
2600	4800	NA	NA	<1	32	NA	10.7	NA
2700	4700	NA	NA	1.07	30	NA	5.28	NA
2500	4400	NA	NA	1.47	31	NA	2.07	NA
2300	4500	NA	NA	1.67	32	NA	5.13	NA
2360	4100	NA	NA	2.4	33.4	NA	2.55	NA
2560	4590	NA	NA	2.44	32.3	NA	1.33	NA
2250	4400	NA	NA	3.53	32.6	NA	3.11	NA
2600	4480	NA	NA	2.47	32.7	NA	2.67	NA
2400	4500	NA	NA	2.5	33	NA	3.16	NA
2390	4300	NA	NA	1.94	32.8	NA	2.62	NA
2110	3940	NA	NA	1.81	31.8	NA	1.81	NA

18.1	217	NA	NA	<3	67	NA	<2	NA
366	646	NA	NA	<3	485	NA	<2	NA
3500	5400	NA	NA	<2	52.3	NA	<0.5	NA
3800	5600	NA	NA	<2.8	41	NA	<0.36	NA
3300	5300	NA	NA	3.3	42.8	NA	3	NA
3400	5700	NA	NA	<2.8	40.1	NA	1.29	NA
629	5570	NA	NA	0.71	35	NA	<0.08	NA
5180	5600	NA	NA	0.7	31.2	NA	<0.08	NA
3010	4790	NA	NA	3	33.1	NA	<0.08	NA
2810	4520	NA	NA	8.6	31.7	NA	<0.08	NA
3060	5080	NA	NA	5.4	29.6	NA	<0.08	NA
2990	4760	NA	NA	6.6	31.9	NA	<0.08	NA
2900	4700	NA	NA	<5	34	NA	<5	NA
3000	5100	NA	NA	2.05	31	NA	10	NA
3100	5000	NA	NA	2.35	31	NA	4.9	NA
2900	4800	NA	NA	2.75	32	NA	2.39	NA
2400	4400	NA	NA	2.38	32	NA	4.56	NA
2600	4320	NA	NA	2.64	33.6	NA	2.97	NA
2890	4470	NA	NA	2.63	32.4	NA	1.47	NA
2180	4780	NA	NA	0.958 j	68	NA	2.19	NA
2750	4660	NA	NA	2.36	31	NA	2.31	NA
2700	4500	NA	NA	2.22	32	NA	2.8	NA
2370	4260	NA	NA	1.9	32.8	NA	2.19	NA
2280	4140	NA	NA	2.48	32.1	NA	1.94	NA
1790	4030	NA	NA	1.24 M1	62	NA	1.64	NA
2370	49000	NA	NA	0.169 j	60.9 M2	NA	1.44	NA
2460	4760	NA	NA	0.324 j	54.2	NA	2.24	NA
2300	4600	NA	NA	<1	51	NA	2.46	NA
2050	4300	NA	NA	0.497 j	55.1	NA	2.16	NA
1880	4500	NA	NA	0.613 j	49.9	NA	1.31	NA
1930	4220	NA	NA	0.439 J	65.7 R1	NA	1.28	NA
2500	50200	NA	NA	0.239 j	67.3	NA	2.3	NA
2690	4600	NA	NA	0.203 j	51.4	NA	1.54	NA
2400	4600	NA	NA	<1	48	NA	1.49	NA
1970	4440	NA	NA	<1	51.8	NA	1.52	NA
1910	4560	NA	NA	0.38 j	49.6	NA	1.43	NA
2240	492	NA	NA	5.19	38	NA	1.79	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
1960	4970	NA	NA	5.46	38.1	NA	2.06	NA
110	230	120	<1	0.977 j	43	<1	<0.1	<0.025
110	240	88	<1	1.28	42	<1	<0.1	<0.025
110	230	75	<1	1.25	42	<1	<0.1	<0.025
120	280	92	<1	1.09	42	<1	<0.1	<0.025
120	260	64	<1	1.12	47	<1	<0.1	<0.025
75	180	204	<1	1.32	44	<1	0.043 j	0.031

79	180	194	<1	1.59	44	<1	<0.1	0.028 M1
79	190	150	<1	1.43	43	<1	0.074 j	0.027
82	220	146	<1	1.34	45	<1	<0.1	0.029
84	200	127	<1	1.3	49	<1	<0.1	0.029
2200	3100	1160	<10	172	66	NA	<10	NA
1100	1600	25	<1	<1	56	NA	<1	NA
660	1400	<5	<1	<1	146	NA	<1	NA
770	1600	70	<1	2.6	105	NA	<1	NA
850	1500	10	<1	<1	92	NA	<1	NA
990	1700	19	<1	<1	90	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
1200	2000	26	<1	<1	62	NA	<1	NA
1500	2300	31	<1	<1	54	NA	<1	NA
1700	2400	49	<1	1.29	44	NA	<0.1	NA
1700	2500	135	<1	1.52	42	NA	<0.1	NA
1600	2400	58	<1	1.11	39	NA	<0.1	NA
410	1300	20 B2	<1	1.47	262	NA	<1	NA
450	1400	188	<10	<10	318	NA	<10	NA
510	1200	25	<1	1.45	228	NA	<1	NA
620	1300	25	<1	1.66	226	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
820	1600	25	<1	1.79	158	NA	<1	NA
1100	2000	15	<1	<1	90	NA	<1	NA
1100	1900	75	<1	3.11	74	NA	<0.1	NA
1300	2000	43	<1	1.51	67	NA	<0.1	NA
480	2100	27 B2	<1	1.88	297	NA	<1	NA
500	1800	23	<1	2.32	238	NA	<1	NA
530	1400	16	<1	1.27	220	NA	<1	NA
670	1600	24	<1	2.32	177	NA	<1	NA
960	1800	34	<1	2.2	71	NA	<0.1	NA
650	4600	9 B2	<1	<1	249	NA	<1	NA
710	5100	24	<1	1.83	214	NA	<1	NA
730	3300	18	<1	1.24	190	NA	<1	NA
700	3100	12	<1	1.1	154	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
740	2900	12	<1	1.14	135	NA	<1	NA
750	3000	<5	<1	<1	123	NA	<1	NA
720	2800	8	<1	1.26	117	NA	<0.1	NA
730	7200	122 B2	<1	2.86	243	NA	<1	NA
810	4900	246	<1	2.72	196	NA	<1	NA
750	6000	32	<1	2.39	173	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
820	5000	34	<1	2.65	160	NA	<1	NA
830	5100	38	<1	2.12	141	NA	<1	NA
810	4800	34	<1	3.02	143	NA	<0.1	NA

810	4300	18	<1	2.07	132	NA	<0.1	NA
66	170	101 B2	<1	15.7	44	NA	<1	NA
290	720	1130	<1	6.54	107	<1	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
400	840	479	<1	21.3	109	<1	<1	NA
220	500	118	<1	6.11	63	NA	<1	NA
720	1500	964	<1	6.07	127	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
2100	3500	703	<1	2.01	47	NA	<1	NA
48	140	526 B2	<1	10.2	37	NA	<1	NA
100	430	31	<1	16.1	51	NA	<0.1	NA
91	220	54	<1	1.5	42	NA	<0.1	NA
190	430	44 B2	<1	1.73	61	NA	<1	NA
210	460	26	<1	2.06	50	<1	<1	NA
660	1300	128	<1	5.59	66	<1	<1	NA
150	290	55	<1	1.31	51	NA	<1	NA
120	280	38	<1	<1	49	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
220	420	11	<1	1.05	63	NA	<1	NA
75	200	112 B2	<1	1.9	39	NA	<1	NA
260	520	7	<1	<1	66	NA	<0.1	NA
130	280	34	<1	<1	53	NA	<0.1	NA
82	230	NA	NA	1.97	39	NA	<0.1	NA
110	290	NA	NA	1.36	51	NA	<0.1	NA
47	140	NA	NA	1.36	35	NA	<0.1	NA
87	150	NA	NA	1.49	41	NA	<0.1	NA
120	311	NA	NA	1.24	41	NA	<0.1	NA
230	498	NA	NA	1.12	40	NA	<0.1	NA
710	1200	1490 B2	1.74	25.4	70	NA	<1	NA
700	1400	61	<1	4.65	59	<1	<1	NA
840	1300	23	<1	4.52	58	<1	<1	NA
830	1400	830	1.42	13	61	NA	<1	NA
570	900	44	<1	2.49	34	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
700	1200	243	<1	3.69	36	NA	<1	NA
370	660	89 B2	<1	3.29	57	NA	<1	NA
1000	1800	674	1.66	8.21	56	NA	<0.1	NA
1100	1800	8	1.41	4.43	49	NA	0.229	NA
840	1600	49	<1	<1	34	NA	<1	NA
630	1100	93	<1	<1	46	NA	<1	NA
630	1200	17	<1	<1	24	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
650	1200	8	<1	<1	32	NA	<1	NA
700	1300	<5	<1	<1	40	NA	<0.1	NA
550	1000	NA	NA	<1	24	NA	<0.1	NA

480	920	NA	NA	<1	20	NA	<0.1	NA
490	890	NA	NA	<1	27	NA	<0.1	NA
650	1210	NA	NA	<1	30	NA	<0.1	NA
270	580	NA	NA	<1	75	NA	<0.1	NA
170	360	NA	NA	<1	66	NA	<0.1	NA
230	380	NA	NA	<1	88	NA	<0.1	NA
150	450	93 B2	<1	<1	72	NA	<1	NA
1.6	72	54 B2	<1	<1	21	NA	<1	NA
1.4	81	376	<1	1.5	43	<1	<1	NA
3.2	74	170	<1	<1	34	<1	<1	NA
11	100	229	<1	<1	36	<1	<1	NA
19	110	425	<1	<1	48	<1	<1	NA
76	270	757	<1	7.16	89	NA	<1	NA
95	320	1560	2.4	15.1	122	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
64	300	221	<1	15.3	62	NA	<1	NA
45	200	157	<1	2.89	60	<1	<1	NA
45	180	207	<1	3	60	<1	<1	NA
46	180	398	<1	4	59	<1	<1	NA
45	200	360	<1	4.1	61	<1	<1	NA
46	190	335	<1	4.02	61	<1	<1	NA
50	230	333	<1	4.39	60	<1	<1	NA
21	210	1780	<1	138	147	<1	<1	NA
41	170	139	<1	7.09	58	<1	<1	NA
41	170	171	<1	6.78	56	<1	<1	NA
41	180	221	<1	7.07	56	<1	<1	NA

ITUENTS plus Sr								
NA	NA	NA	NA	NA	NA	NA	NA	NA
140	310	466	<1	5.36	34	NA	<1	NA
2190	4800	NA	NA	0.892 j	65.7	NA	2.08	NA
700	5200	15	<1	1.01	207	NA	<1	NA
190	430	52 B2	<1	1.65	62	NA	<1	NA
660	1300	70	<1	4.5	61	<1	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
700	1300	60	<1	4.75	59	<1	<1	NA
380	660	85 B2	<1	3.14	57	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
61	290	197	<1	15.5	62	NA	<1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

INORGANIC PARAMETERS (TOTAL CONCENTRATION)								
ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L

INORGANIC PARAMETERS (TOTAL CONCENTRATION)								
Chromium	**Cobalt**	**Copper**	**Iron**	**Lead**	**Magnesium**	**Manganese**	**Mercury**	**Molybdenum**
<5	NA	<5	15800	<1	NA	9540	NA	21.4
<5	NA	<5	12800	<1	NA	4780	NA	11.3
<5	NA	<5	489	<1	NA	2380	NA	268
2.04	NA	<5	1040	<1	NA	179	NA	35.7
<1	NA	<5	937	<1	NA	66	NA	4.11
<1	NA	<5	1010	<1	NA	427	NA	2.18
<5	NA	8	305	<1	NA	<5	NA	<1
<5	NA	<5	26000	<1	NA	13900	NA	30.7
<5	NA	<5	958	<1	NA	174	NA	22.1
<5	NA	<5	948	<1	NA	41	NA	3.31
<5	NA	<5	912	<1	NA	41	NA	3.17
<5	NA	<5	928	<1	NA	41	NA	3.29
<5	NA	<5	907	<1	NA	40	NA	3.55
<5	NA	<5	1050	<1	NA	55	NA	3.57
2.36	3.56	2.73	13200	1.71	8.13	2510	0.00775 D3	44.2
<1	<1	1.51	128	<1	8.12	45	0.000857	55.1
1.72	3.67	1.86	6570	1.42	7.49	2610	0.00665 D3	56.7
<1	<1	1.4	241	<1	8.17	53	0.0011	52
<1	<1	<1	428	<1	7.65	390	0.00202	79.6
<1	<1	<1	247	<1	7.82	326	0.00129	95.2
<1	<1	<1	480	<1	9.27	885	0.00188	94.4
<1	<1	<1	241	<1	7.78	323	0.00141	87.5
<1	<1	<1	244	<1	7.78	336	0.00133	95.6
<1	<1	<1	240	<1	7.76	322	0.00136	89.2
<1	NA	1.48	191	<1	13.9	170	0.00118	38.4
<1	NA	2.98	580	<1	15.2	68	0.00209	118
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	1.08	97	<1	8.08	127	0.000823	6.59
<1	<1	<1	339	<1	12.6	697	0.00223	89.9
<1	<1	4	18	<1	13.7	33	0.00104	51.7
<1	<1	2.47	155	<1	18.4	96	0.00108	38
<1	NA	1.68	430	<0.2	9.14	108	0.00308	70.8

<1	NA	3.62	117	<0.2	13.7	71	9.26E-04	49.1
<1	<1	1.32	526	<1	17.9	310	0.00092	29.8
<1	1.53	1.07	1290	<1	27.8	1000	0.000983	24.1
1.78	3.68	2.09	6080	1.21	7.57	2440	6.07E-03	52.4
<1	<1	1.64	137	<1	8.15	45	9.33E-04	50.4
<1	<1	1.5	444	<1	7.33	105	0.00151	47.3
<1	<1	1.44	181	<1	7.58	50	0.00113	48.7
<10	NA	<10	22	<5	NA	1000	<0.2	NA
<10	NA	<10	2790	<5	NA	1440	<0.2	NA
<5	NA	4	2380	<5	NA	1570	<0.2	NA
<5	NA	9	2750	<5	NA	2230	<0.2	NA
<5	NA	18	3610	<5	NA	1760	<0.2	NA
10	NA	2	4170	<5	NA	2190	<0.2	NA
140	NA	140	2940	<5	NA	1920	<0.2	NA
<2	NA	<0.6	108	<2	NA	1010	<0.11	NA
<1	NA	<1.6	66	<1.9	NA	1310	<0.11	NA
<0.7	NA	<0.81	172	<1.6	NA	1480	<0.11	NA
2.9	NA	<1.6	92	<1.9	NA	801	<0.054	NA
<0.5	NA	<0.5	326	<0.1	NA	1400	<0.2	NA
<0.5	NA	<0.5	307	<0.1	NA	1300	<0.2	NA
<5	NA	2.4 j	257	<5	NA	1140	<0.2	NA
<5	NA	<5	280	<5	NA	1250	<0.2	NA
<5	NA	3.6 jb	251	<5	NA	1120	<0.2	NA
6.8 b	NA	4.9 jb	478 b	<5	NA	1180	<0.2	NA
<5	NA	<5	303	<5	NA	1250	<0.05	NA
<5	NA	<5	396	<1	NA	1470	<0.05	NA
<5	NA	<5	371	<1	NA	1340	<0.05	NA
<5	NA	<5	293 b	<1	NA	1550	<0.05	NA
<5	NA	<5	290	<1	NA	1590	<0.05	NA
<0.5	NA	<1	1390	0.0853 j	NA	1660	<0.006	NA
<5	NA	<5	369	<1	NA	1740	<0.05	NA
<5	NA	<5	183	<1	NA	1670	<0.05 M2	NA
<5	NA	<5	146	<1	NA	1610	<0.05 M2	NA
<5	NA	<5	76	<1	NA	1600	<0.05	NA
<5	NA	<5	136	<1	NA	1450	<0.05	NA
0.777 j	NA	<5	69	<1	NA	1530	<0.05	NA
11	NA	2	109	<5	NA	20	<0.2	NA
<10	NA	<10	3130	<5	NA	1450	<0.2	NA
5	NA	4	61	<3	NA	1200	<0.2	NA
299	NA	4	3070	<5	NA	19	<0.2	NA
<5	NA	18	4280	<5	NA	1650	<0.2	NA
36	NA	11	2630	<5	NA	592	<0.2	NA
<2	NA	<0.6	393	<2	NA	639	<0.11	NA
<1	NA	<1.6	700	<1.9	NA	1300	<0.11	NA
1.5	NA	<0.81	248	<1.6	NA	1290	<0.11	NA

4	NA	<1.6	46	2.4	NA	773	<0.054	NA
0.89	NA	<0.5	<50	<0.1	NA	1220	<0.2	NA
0.94	NA	<0.5	<50	<0.1	NA	1990	<0.2	NA
<5	NA	2.2 jb	66.7	<5	NA	922	<0.2	NA
<5	NA	<5	278	<5	NA	1100	<0.2	NA
1.2 jb	NA	4.8 j	1860	<5	NA	1260	<0.2	NA
5.1 b	NA	5.4 b	3600	<5	NA	1230	<0.2	NA
<5	NA	<5	18300	<5	NA	1530	<0.05	NA
<5	NA	<5	9700	<1	NA	1220	<0.05	NA
<5	NA	<5	6420	<1	NA	1030	<0.05	NA
<5	NA	<5	5430	<1	NA	1140	<0.05	NA
<5	NA	<5	4430	<1	NA	976	<0.05	NA
<0.5	NA	<1	1390	<0.065	NA	1120	<0.006 M2	NA
<5	NA	<5	2090	<1	NA	1110	<0.05	NA
<5	NA	<5	875	<1	NA	1290	<0.05	NA
<5	NA	<5	468	<1	NA	1220	<0.05	NA
<5	NA	<5	393	<1	NA	1270	<0.05	NA
<5	NA	<5	517	<1	NA	1170	<0.05	NA
1.39 j	NA	<5	462	<1	NA	1120	<0.05	NA
33	NA	551	9480	<5	NA	3170	<0.2	NA
<5	NA	99	1630	<5	NA	1870	<0.2	NA
12	NA	20	6730	<5	NA	1110	<0.2	NA
13	NA	28	2370	<5	NA	2600	<0.2	NA
<2	NA	2.1	346	<2	NA	2120	<0.11	NA
<1	NA	2.3	407	<1.9	NA	2540	<0.11	NA
<0.7	NA	<0.81	441	<1.6	NA	1910	<0.11	NA
3.4	NA	<1.6	241	3	NA	909	<0.054	NA
<0.5	NA	<0.5	436	<0.1	NA	1570	<0.2	NA
<0.5	NA	<0.5	<50	<0.1	NA	3820	<0.2	NA
<5	NA	4.5 jb	609	<5	NA	1240	<0.2	NA
<5	NA	<5	288	<5	NA	1870	<0.2	NA
<5	NA	10.9	5540	<5	NA	2120	<0.2	NA
6.4 b	NA	8.4 b	5360	<5	NA	1800	<0.2	NA
<5	NA	<5	37000	<5	NA	3570	<0.05	NA
<5	NA	<5	7330	<1	NA	1530	<0.05	NA
<5	NA	<5	8310	<1	NA	1240	<0.05	NA
<5	NA	<5	2300	<1	NA	1140	<0.05	NA
<5	NA	<5	1810	<1	NA	1120	<0.05	NA
<0.5	NA	<1	1140	<0.065	NA	1320	<0.006	NA
<5	NA	<5	1540	<1	NA	1160	<0.05	NA
<5	NA	<5	751	<1	NA	1310	<0.05	NA
<5	NA	<5	405	<1	NA	1320	<0.05	NA
<5	NA	<5	294	<1	NA	1310	<0.05	NA
<5	NA	<5	526	<1	NA	1200	<0.05	NA
0.337 j	NA	<5	556	<1	NA	1110	<0.05	NA

6	NA	<2	116	<5	NA	110	<0.2	NA
19	NA	4	547	<5	NA	158	<0.2	NA
<2	NA	5.8	<20	<2	NA	4690	<0.11	NA
<1	NA	<1.6	<22	<1.9	NA	5240	<0.11	NA
2	NA	<0.81	375	2.4	NA	5050	<0.11	NA
4.5	NA	<1.6	135	<1.9	NA	5310	<0.054	NA
<0.5	NA	1.2	386	0.16	NA	5350	<0.2	NA
<0.5	NA	0.9899999	312	<0.1	NA	<10	<0.2	NA
2.2 jb	NA	15.5	195	<5	NA	4080	<0.2	NA
<5	NA	<5	93.4	<5	NA	3290	<0.2	NA
2.8 jb	NA	4.9 j	460	<5	NA	3550	<0.2	NA
7 b	NA	7.6 b	628	<5	NA	2940	<0.2	NA
<5	NA	<5	1620	<5	NA	3130	<0.05	NA
<5	NA	<5	60	<1	NA	2030	<0.05	NA
<5	NA	<5	214	<1	NA	2090	<0.05	NA
<5	NA	<5	91 b	<1	NA	2260	<0.05	NA
<5	NA	<5	103	<1	NA	1840	<0.05	NA
<0.5	NA	<1	86.3	<0.065	NA	2310	<0.006	NA
<5	NA	<5	72.7	<1	NA	2160	<0.05	NA
<5	NA	<5	45.1	<1	NA	9.41	<0.05	NA
<5	NA	<5	37.3	<1	NA	2040	<0.05 M2	NA
<5	NA	<5	24	<1	NA	2480	<0.05	NA
<5	NA	<5	24.4	<1	NA	2400	<0.05	NA
0.792 j	NA	<5	11.7	<1	NA	2230	<0.05	NA
109	NA	<5	315	<1	NA	1050	0.018 J	NA
15	NA	<5	298	<1	NA	1900	<0.05	NA
70.4	NA	<5	74.5	<1	NA	520	<0.05	NA
33	NA	<5	99	<1	NA	352	<0.05	NA
123	NA	<5	860	<1	NA	477	<0.05	NA
93.3	NA	<5	320	<1	NA	926	<0.05	NA
137	NA	<5	224	<1	NA	1860	0.011 J	NA
<5	NA	<5	837	<1	NA	1680	<0.05	NA
<5	NA	<5	685	<1	NA	780	<0.05	NA
<5	NA	<5	348	<1	NA	448	<0.05	NA
7.74	NA	<5	312	<1	NA	724	<0.05	NA
36.8	NA	<5	421	<1	NA	1260	<0.05	NA
29.9	NA	<5	466	<1	NA	1370	<0.05	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
13.1	NA	<5	148	<1	NA	1440	<0.05	NA
<1	0.635 j	1.89	808	<1	15	443	0.00131	43.3
<1	0.685 j	1.88	914	<1	15.3	452	0.00119	39
<1	0.678 j	1.76	877	<1	15.4	449	0.00127	40.1
<1	0.646 j	2.02	1000	<1	16	444	0.00114	40.8
0.378 j	0.735 j	1.78	942	<1	17.3	527	0.00181	39.4
<1	<1	2.56	368	<1	11.2	123	0.00139	48.6

<1	<1	2.86	520	<1	11.1	150	0.00146	51.5
<1	<1	2.76	372	<1	10.7	153	0.00146	50.6
<1	<1	2.53	410	<1	11.3	150	0.00121	49.2
<1	<1	2.76	446	<1	12.5	164	0.00109	49.5
<10	NA	<10	291000	<10	NA	24100	<0.0005	18.3
<1	NA	1.12	9550	<1	118	6050	<0.0005	4.53
<1	NA	<1	1290	<1	91.5 M4	4170	<1	13.1
<1	NA	<1	24700	<1	NA	5130	<0.0005	8.96
<1	NA	<1	4400	<1	109	6140	<0.0005	7.58
<1	NA	<1	12100	<1	116	7250	<0.0005	5.16
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	<1	15100	<1	132 M4	9900	<0.0005	4.6
<1	NA	<1	19500	<1	163 M4	17700	<0.0005	1.69
<1	NA	<1	72000	<0.2	168	20300	<0.0005	2.52
<1	NA	<1	84000 M4	<0.2	175 M4	20800	<0.0005	2.84
<1	NA	<1	79600	<0.2	170	21900	<0.0005	2.06
<1	NA	<1	9270	<1	88.3	3670	<1	32.2
<10	NA	<10	52500	<10	NA	4940	<0.0005	33.4
<1	NA	<1	10900	<1	89.2	5200	<0.0005	28.1
<1	NA	<1	13200	<1	95	5910	<0.0005	21.7
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	<1	15300	<1	110	7640	<0.0005	17
<1	NA	<1	8470	<1	132	12900	<0.0005	6.87
<1	NA	<1	66700	<0.2	138	14800	<0.0005	12.4
<1	NA	<1	47800	<0.2	145	15800	<0.0005	8.18
<1	NA	<1	12700	<1	115	5690	<1	36.4
<1	NA	<1	13400	<1	NA	5950	<0.0005	34.9
<1	NA	<1	7010	<1	109	6230	<0.0005	27.1
<1	NA	<1	14700	<1	108	7090	<0.0005	23.6
<1	NA	<1	40900	<0.2	130	12400	NA	12.1
<1	NA	<1	4700	<1	216	11500	<1	25.4
<1	NA	<1	14400	<1	NA	10600	<0.0005	32.6
<1	NA	<1	7780	<1	140	10100	<0.0005	28.4
<1	NA	<1	7570	<1	166	9480	<0.0005	30.3
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	<1	6690	<1	150	8670	<0.0005	29.3
<1	NA	<1	1760	<1	155	9240	<0.0005	27.2
<1	NA	<1	8470	<0.2	153 M4	10000	<0.004	28.6
<1	NA	<1	52700	<1	311	13900	<1	39.1
<1	NA	<1	23300	<1	217	12700	<0.0005	36.5
<1	NA	<1	22300	<1	280	11700	<0.001	36.3
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	<1	22400	<1	232	11600	<0.0005	41.1
<1	NA	<1	19100	<1	230	11500	<0.0005	41.7
<1	NA	<1	26300	<0.2	237	12200	<0.0005	50.7

<1	NA	<1	16800	<0.2	224	11900	<0.005	53.1
<1	NA	<1	122	<1	8.43	114	<1	110
<1	<1	1.6	1600	<1	46.8	5310	0.0138	14.3
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	2.39	1.9	14700	<1	54.8	3260	0.00681	189
<1	NA	1.07	854	<1	29.2	1450	0.00615	87
1.13	NA	2.38	1600	<1	93.4	7390	0.006	30.9
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	3.17	680	<1	197	321	0.00326	33.4
<1	NA	1.36	1260	<1	7.35	998	0.00595	45.8
<1	NA	1.32	288	<0.2	24.8	368	8.27E-03	27.9
<1	NA	<1	593	<0.2	11.8	793	NA	10.6
<1	NA	1.34	2410	<1	26.9	1530	<1	38.1
<1	1.88	1.44	2390	<1	29.1	1310	<0.0005	54.6
<1	5.69	1.2	11500	<1	82.7	4860	0.000918	19.2
<1	NA	1.69	1260	<1	18.8	700	0.000632	35.6
<1	NA	1.6	983	<1	17.3	793	8.42E-04	37.7
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	1.42	623	<1	23.8	570	<0.0005	33.5
<1	NA	2.7	801	<1	12.2	423	0.00155	50.1
<1	NA	<1	402	<0.2	36.1	362	<0.0005	25.9
<1	NA	1.32	908	<0.2	20.1	742	5.12E-04	28.8
<1	NA	1.52	NA	<0.2	15.6	NA	0.000744	NA
<1	NA	1.21	NA	<0.2	17.7	NA	0.000806	NA
1.02	NA	2.14	NA	0.263	7.86	NA	0.00438	NA
<1	NA	1.81	NA	<0.2	15.9	NA	0.00104	NA
<1	NA	1.18	NA	<0.2	17.8	NA	0.000723	NA
<1	NA	<1	NA	<0.2	31.1	NA	0.000581	NA
2.57 B2	NA	4.42	13700	2.09	43.5	3110	<1	106
<1	4.71	<1	1730	<1	49.6	8700	0.0133	78.7
<1	4.75	<1	1570	<1	46.3	4960	0.00352	64.7
1.08	NA	12.1	6450	<1	52.3	5540	0.00774	91.9
<1	NA	<1	1200	<1	37.9	1690	0.00122	47.1
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	<1	1760	<1	41	1730	0.00258	76.9
<1	NA	<1	1260	<1	22.6	2420	0.0116	11.3
1.09	NA	2.05	2300	0.876	79.1	7830	6.76E-03	214
<1	NA	<1	1960	<0.2	79.4	7710	0.000554	208
<1	NA	<1	217	<1	NA	166	<0.0005	106
<1	NA	<1	1650	<1	104	3030	<0.0005	37.9
<1	NA	1.07	150	<1	97.4	628	6.88E-04	48.5
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	<1	87	<1	96.4	135	8.65E-04	74.7
<1	NA	<1	950	<0.2	109	2890	<0.0005	60.1
<1	NA	1.12	NA	<0.2	83.6	NA	0.00121	NA

<1	NA	9.23	NA	<0.2	76	NA	0.000577	NA
<1	NA	<1	NA	<0.2	74.8	NA	0.000795	NA
<1	NA	<1	NA	<0.2	102	NA	<0.0005	NA
<1	NA	<1	NA	<0.2	44	NA	0.000793	NA
<1	NA	<1	NA	<0.2	29.3	NA	0.0016	NA
<1	NA	<1	NA	<0.2	39.4	NA	0.00107	NA
<1	NA	<1	1840	<1	29.7	4360	5.76E-03	<1
<1	NA	<1	1230	<1	1.82	63	<1	<1
<1	<1	<1	5510	<1	1.84	364	0.00148	<1
<1	<1	<1	1610	<1	1.68	62	0.00172	<1
<1	<1	<1	351	<1	5.96	49	0.00112	<1
<1	<1	<1	329	<1	5.48	38	0.00187	<1
1.3	NA	3.46	751	<1	14.8	159	0.00311	55.6
2.31	NA	5.95	895	2.93	12.8	200	0.0112	147
NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	1.75	158	<1	13.2	109	5.91E-04	44.4
<1	<1	1.39	306	<1	8.66	115	0.00122	44.9
<1	<1	1.5	348	<1	8.77	132	0.00162	44
<1	<1	1.71	489	<1	8.82	173	0.00147	45.7
<1	<1	1.66	515	<1	8.8	253	0.00155	45
<1	<1	1.68	499	<1	9.8	306	0.00191	45
<1	<1	1.73	491	<1	11.5	267	0.165 D3	45.8
1.93	3.2	2.71	13400	1.4	9.27	4420	0.00577	44.2
<1	<1	1.56	163	<1	8.33	53	0.000995	51
<1	<1	1.58	243	<1	8.2	66	0.00101	50.7
<1	<1	1.63	288	<1	8.19	77	0.0015	51.4

INORGANIC PARAMETERS (TOTAL CONCENTRATION)

NA	NA	NA	NA	NA	NA	NA	0.00137	NA
<1	NA	3	592	<1	14.8	68	0.00145	109
<5	NA	<5	73.3	<1	NA	10.8	<0.05	NA
<1	NA	<1	7160	<1	NA	10600	<0.0005	32.8
<1	NA	1.11	2500	<1	26.9	1560	<1	38.1
<1	4.99	<1	9040	<1	82.7	4400	0.000715	17.6
NA	NA	NA	NA	NA	NA	NA	0.000777	NA
NA	NA	NA	NA	NA	NA	NA	0.00437	NA
NA	NA	NA	NA	NA	NA	NA	0.000933	NA
NA	NA	NA	NA	NA	NA	NA	0.000626	NA
NA	NA	NA	NA	NA	NA	NA	0.000621	NA
<1	4.51	<1	1770	<1	50	8620	0.00852	79.7
<1	NA	<1	1260	<1	22.8	2430	0.0116	11.3
NA	NA	NA	NA	NA	NA	NA	0.000619	NA
<1	NA	1.6	196	<1	13.3	97	0.000871	46.1
NA	NA	NA	NA	NA	NA	NA	NA	NA

ug/L	mg-N/L	mg-N/L	mg/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L

Nickel	Nitrate (as N)	Nitrate + Nitrite	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
7	NA	NA	NA	<1	NA	NA	NA	NA	<5
<5	NA	NA	NA	<1	NA	NA	NA	NA	<5
<5	NA	NA	NA	249	NA	NA	NA	NA	20
4.02	NA	NA	NA	4.74	NA	NA	NA	NA	7.63
<1	NA	NA	NA	1.22	NA	NA	NA	NA	1.49
20.6	NA	NA	NA	4.7	NA	NA	NA	NA	225
<5	NA	NA	NA	<1	NA	NA	NA	NA	7
9	NA	NA	NA	<1	NA	NA	NA	NA	<5
<5	NA	NA	NA	2.11	NA	NA	NA	NA	<5
<5	NA	NA	NA	1.13	NA	NA	NA	NA	<5
<5	NA	NA	NA	1.1	NA	NA	NA	NA	7
<5	NA	NA	NA	<1	NA	NA	NA	NA	<5
<5	NA	NA	NA	1.2	NA	NA	NA	NA	<5
<5	NA	NA	NA	1.11	NA	NA	NA	NA	<5
3.98	NA	<0.01	4.54	1.77	NA	8.09	<0.2	20.9	9
1.85	NA	0.017	4.51	1.82	NA	8.07	0.258	8.07	<5
4.24	NA	<0.01	4.57	1.42	NA	8.21	<0.2	12.2	9
1.64	NA	0.073	4.82	1.7	NA	8.64	0.2	7.21	<5
<1	NA	<0.01	4.32	1.09	NA	10.8	<0.2	1.35	<5
<1	NA	<0.01	4.42	1.01	NA	11.1	<0.2	1.08	<5
<1	NA	0.025	4.95	1.27	NA	12.2	<0.2	1.36	<5
<1	NA	0.054	4.39	1.06	NA	11.1	<0.2	1	<5
<1	NA	0.025	4.37	1.3	NA	11.1	<0.2	1.15	<5
<1	NA	<0.01	4.33	1.1	NA	11	<0.2	1.01	<5
<1	NA	0.106	4.42	1.28	NA	8.96	<0.2	NA	<5
<1	NA	0.03	7.89	1.33	NA	12.9	<0.2	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	0.04	2.46	<1	NA	5.19	<0.2	NA	<5
<1	NA	0.04	6.88	<1	NA	16	<0.2 B3	1.24	6
<1	NA	NA	6.41	1.86	NA	17.3	<0.2	1.83	<5
<1	NA	NA	5.6	2.69	NA	19.6	<0.2	2	<5
<1	NA	0.06	5.48	1.71	NA	11.6	0.913	NA	<5

<1	NA	<0.01	5.56	1.56	NA	15.3	<0.2	NA	<5
<1	NA	NA	4.92	2.48	NA	18.7	<0.2	0.55	<5
<1	NA	NA	4.98	2.13	NA	21.9	<0.2	0.314	6
3.97	NA	<0.01	4.57	1.5	NA	8.29	<0.2	12.6	8
1.73	NA	0.036	4.75	1.81	NA	8.47	<0.2	6.77	<5
1.77	NA	<0.01	4.46	1.8	NA	7.89	<0.2	5.98	<5
1.59	NA	0.012	4.55	1.76	NA	8.12	<0.2	5.82	<5
NA	NA	NA	NA	229	<10	NA	NA	NA	391
NA	NA	NA	NA	481	<10	NA	NA	NA	139
NA	NA	NA	NA	482	5	NA	NA	NA	137
NA	NA	NA	NA	246	<5	NA	NA	NA	240
NA	NA	NA	NA	344	<5	NA	NA	NA	41
NA	NA	NA	NA	234	<5	NA	NA	NA	355
NA	NA	NA	NA	475	<5	NA	NA	NA	212
NA	NA	NA	NA	428	<2	NA	NA	NA	31.5
NA	NA	NA	NA	399	<1.9	NA	NA	NA	12.1
112	NA	NA	NA	297	13.7	NA	33.4	NA	37.2
50.9	NA	NA	NA	237	6.7	NA	15.5	NA	23.6
NA	NA	NA	NA	513	<0.5	NA	NA	NA	22.4
NA	NA	NA	NA	510	<0.5	NA	NA	NA	20.3
93.3	NA	NA	NA	594	7.6	NA	0.51	NA	29.4
114	NA	NA	NA	626	11.8	NA	0.58	NA	25.5
96.3	NA	NA	NA	569	7.6	NA	0.54 b	NA	25.8 b
102	NA	NA	NA	614	6.7 b	NA	0.63	NA	19.9 b
113	NA	NA	NA	377	<5	NA	<1	NA	20
111	NA	NA	NA	564	<5	NA	0.73	NA	18
106	NA	NA	NA	526	<5	NA	0.47	NA	21
117	NA	NA	NA	782	<5	NA	0.664	NA	20
113	NA	NA	NA	677	<5	NA	0.626	NA	19
126	12.9	NA	NA	1010	<0.7	NA	0.78	NA	22
121	11.4	NA	NA	796	<5	NA	0.625	NA	19
111	13.8	NA	NA	1030	<5	NA	1.01	NA	18.7
106	15.4	NA	NA	1120	<5	NA	1.27	NA	18.6 B3
110	17	NA	NA	1210	<5	NA	1.21	NA	18
103	14.4	NA	NA	987	<1	NA	1.28	NA	15.2
90.2	9.05	NA	NA	831	<1	NA	1.24	NA	20.7
NA	NA	NA	NA	337	<5	NA	NA	NA	20
NA	NA	NA	NA	473	<10	NA	NA	NA	129
NA	NA	NA	NA	477	<2	NA	NA	NA	42
NA	NA	NA	NA	4	<5	NA	NA	NA	138
NA	NA	NA	NA	559	<5	NA	NA	NA	55
NA	NA	NA	NA	910	<5	NA	NA	NA	191
NA	NA	NA	NA	760	<2	NA	NA	NA	15.9
NA	NA	NA	NA	543	<1.9	NA	NA	NA	36.7
168	NA	NA	NA	519	12.1	NA	15.7	NA	45.4

110	NA	NA	NA	225	5.4	NA	5.8	NA	33.5
NA	NA	NA	NA	373	<0.5	NA	NA	NA	63.4
NA	NA	NA	NA	416	<0.5	NA	NA	NA	48.7
139	NA	NA	NA	462	6	NA	0.42	NA	45.8
135	NA	NA	NA	637	9.1	NA	0.42	NA	48.5
141	NA	NA	NA	749	6.9	NA	0.41 b	NA	60.1
100	NA	NA	NA	629	5.8 b	NA	0.35	NA	41.8 b
131	NA	NA	NA	427	<5	NA	<1	NA	47
69	NA	NA	NA	427	<5	NA	0.22	NA	25
99	NA	NA	NA	482	<5	NA	<0.2	NA	26
96	NA	NA	NA	563	<5	NA	0.21	NA	30
102	NA	NA	NA	685	<5	NA	0.239	NA	29
86.3	12.3	NA	NA	792	<0.7	NA	0.388	NA	23.9
107	15.8	NA	NA	639	<5	NA	0.289	NA	34.4
93	20	NA	NA	754	<5	NA	0.372	NA	27.3
79.5	21.8	NA	NA	817	<5	NA	0.421	NA	25.4 B3
89	24	NA	NA	901	<5	NA	0.512	NA	32
82.9	19.8	NA	NA	696	<1	NA	0.544	NA	22.9
86.8	19.1	NA	NA	680	<1	NA	0.532	NA	37.4
NA	NA	NA	NA	92	<5	NA	NA	NA	684
NA	NA	NA	NA	33	<5	NA	NA	NA	304
NA	NA	NA	NA	233	<5	NA	NA	NA	298
NA	NA	NA	NA	191	<5	NA	NA	NA	680
NA	NA	NA	NA	142	<2	NA	NA	NA	551
NA	NA	NA	NA	107	<1.9	NA	NA	NA	569
164	NA	NA	NA	143	12.1	NA	18.6	NA	239
45.7	NA	NA	NA	114	5.6	NA	13.4	NA	55.1
NA	NA	NA	NA	349	<0.5	NA	NA	NA	88.7
NA	NA	NA	NA	347	<0.5	NA	NA	NA	49.5
62.2	NA	NA	NA	333	5.6	NA	0.71	NA	68.7
107	NA	NA	NA	415	9	NA	1.1	NA	85.8
151	NA	NA	NA	475	6.9	NA	0.95 b	NA	127
107	NA	NA	NA	464	5.8 b	NA	0.79	NA	94.8
111	NA	NA	NA	234	<5	NA	<1	NA	91
48	NA	NA	NA	481	<5	NA	0.32	NA	41
43	NA	NA	NA	445	<5	NA	0.24	NA	38
34	NA	NA	NA	458	<5	NA	0.362	NA	34
38	NA	NA	NA	486	<5	NA	0.3	NA	31
44.7	13.7	NA	NA	639	<0.7	NA	0.536	NA	43.1
34.1	11.1	NA	NA	561	<5	NA	0.355	NA	34.1
30.9	12.5	NA	NA	608	<5	NA	0.529	NA	29
32.3	14.4	NA	NA	540	<5	NA	0.719	NA	28.7 B3
31	14	NA	NA	541	<5	NA	0.809	NA	28
32.1	12.9	NA	NA	413	<1	NA	0.706	NA	19.1
27.3	9.2	NA	NA	383	<1	NA	0.502	NA	19.5

NA	NA	NA	NA	2	<5	NA	NA	NA	18
NA	NA	NA	NA	16	<5	NA	NA	NA	358
NA	NA	NA	NA	38.9	<2	NA	NA	NA	760
NA	NA	NA	NA	35.6	<1.9	NA	NA	NA	1190
758	NA	NA	NA	84.5	9.8	NA	<2.8	NA	1190
415	NA	NA	NA	97.5	7.9	NA	<4.8	NA	991
NA	NA	NA	NA	154	<0.5	NA	NA	NA	1190
NA	NA	NA	NA	181	<0.5	NA	NA	NA	6690
457	NA	NA	NA	217	5.3	NA	1.3	NA	762
287	NA	NA	NA	181	<5	NA	0.91	NA	313
289	NA	NA	NA	185	6.4	NA	1.3 b	NA	544
209	NA	NA	NA	213	6 b	NA	0.93	NA	329
199	NA	NA	NA	141	<5	NA	<1	NA	298
155	NA	NA	NA	388	<5	NA	1	NA	184
156	NA	NA	NA	350	<5	NA	0.85	NA	188
150	NA	NA	NA	316	<5	NA	1.33	NA	184
120	NA	NA	NA	299	<5	NA	0.844	NA	116
136	13	NA	NA	335	<0.7	NA	1.09	NA	122
133	11.6	NA	NA	373	<5	NA	0.648	NA	125
7.76	1.83	NA	NA	67.9	<5	NA	<0.2 B2	NA	3.44 j
100	12.9	NA	NA	378	<5	NA	0.836	NA	78.2 B3
111	16	NA	NA	473	<5	NA	0.99	NA	87
98.7	10.6	NA	NA	371	<1	NA	0.783	NA	66.1
111	0.489	NA	NA	452	<1	NA	0.883	NA	105
15.4	0.582	NA	NA	126 M4	<5	NA	<0.2	NA	9.14
10.3	1.56	NA	NA	44	<5	NA	<0.2	NA	7.58
3.38 j	1.62	NA	NA	81.3	<5	NA	0.153 j	NA	7.19 B3
6	1.3	NA	NA	78.5	<5	NA	<0.2	NA	<5
14.7	1.54	NA	NA	98.4	<1	NA	0.196 j	NA	3.93 j
8.87	1.03	NA	NA	63.8	<1	NA	<0.2	NA	5.67
12.5	0.598	NA	NA	54.1	<5	NA	0.249	NA	6.78
18.4	0.379	NA	NA	87.8	<5	NA	0.185 j	NA	10.6
1.52 j	1.43	NA	NA	44.2	<5	NA	<0.2	NA	6.75 B3
<5	0.97	NA	NA	36.2	<5	NA	<0.2	NA	5
7.57	0.861	NA	NA	31.6	<1	NA	0.131 j	NA	2.7 j
3.6 j	0.711	NA	NA	37.8	<1	NA	0.094 j	NA	5.06
67.3	10.5	NA	NA	479	<1	NA	<0.2	NA	34.5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
63	2.88	NA	NA	666	<1	NA	0.703	NA	41.5
<1	NA	<0.02	4.62	1.03	<0.3	15.2	<0.2	1.02	<5
0.376 j	NA	<0.02	4.29	0.926 j	<0.3	15.1	<0.2	0.909	<5
0.414 j	NA	<0.02	4.3	1	<0.3	15.1	<0.2	0.776	<5
0.457 j	NA	<0.02	4.43	1.06	<0.3	15.5	<0.2	0.903	6
0.437 j	NA	<0.02	4.55	1.03	<0.3	16.4	<0.2	0.809	<5
0.46 j	NA	<0.02	4.59	1.07	<0.3	13.6	0.096 j	1.77	<5

0.352 j	NA	<0.02	4.54	1.13	<0.3	13.4	<0.2	2.13	<5
0.51 j	NA	<0.02	4.36	1.18	<0.3	13	<0.2	1.76	1.703 j
0.477 j	NA	<0.02	4.5	1.14	<0.3	13.6	<0.2	1.78	<5
0.435 j	NA	<0.02	4.84	1.09	<0.3	14.8	<0.2	1.88	<5
<10	NA	<0.01 M2	NA	<10	NA	NA	<2	NA	11
2.93	NA	0.052	3.64	<1	NA	35.1	0.441	NA	<5
1.39	NA	NA	NA	<1	NA	NA	<0.2	NA	<5
2.43	NA	0.091	NA	<1	NA	NA	<0.2	NA	<5
2.54	NA	<0.01	2.4	<1	NA	33.9	<0.2	NA	<5
3.65	NA	<0.01	2.28	<1	NA	40.3	<0.2	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4.09	NA	<0.01	2.8	<1	NA	45.3	<0.2	NA	<5
8.14	NA	<0.01	4.99	<1	NA	50.8	<0.2	NA	<5
9.74	NA	<0.1	5.83	<1	NA	50.7	<0.2 B2,B3	NA	<5
10.5	NA	0.04	6.32	<1	NA	57.4 M4	<0.2	NA	16
14.1	NA	0.01	7.31	<1	NA	53.8	<0.2	NA	<5
1.88	NA	NA	NA	<1	NA	NA	<0.2	NA	<5
<10	NA	<0.01	NA	<10	NA	NA	<2	NA	<5
2.01	NA	<0.01	1.94	<1	NA	30.6	<0.2	NA	<5
2.58	NA	<0.01	2.02	<1	NA	32.7	<0.2	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2.94	NA	<0.01	2.42	<1	NA	35.8	<0.2	NA	<5
5.68	NA	<0.01	3.69	<1	NA	39.3	<0.2	NA	<5
7.26	NA	<0.1	4.21	<1	NA	40.4	<0.2 B2,B3	NA	<5
7.52	NA	0.2	4.6	<1	NA	45.7	<0.2	NA	<5
1.64	NA	NA	NA	<1	NA	NA	<0.2	NA	<5
1.78	NA	<0.01	NA	<1	NA	NA	0.86	NA	<5
1.96	NA	<0.01	2.27	<1	NA	32.8	<0.2	NA	<5
1.88	NA	<0.01	2.24	<1	NA	31.4	<0.2	NA	<5
4.96	NA	0.02	4.04	<1	NA	35.9	<0.2	NA	<5
3.21	NA	NA	NA	<1	NA	NA	<0.2	NA	<5
3.13	NA	<0.01	NA	1.78	NA	NA	0.31	NA	<5
3.66	NA	0.022 M2	3.86	<1	NA	40.2	<0.2	NA	<5
3	NA	<0.01	3.42	<1	NA	38.9	<0.2	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2.32	NA	0.03	3.37	<1	NA	36.1	<0.2	NA	<5
2.82	NA	0.02	3.21	<1	NA	34.7	<0.2	NA	<5
3.05	NA	0.02	2.99	<1	NA	34.5	<0.2	NA	<5
4.98	NA	NA	NA	<1	NA	NA	<0.2	NA	<5
5.21	NA	0.013	3.85	<1	NA	42.6	<0.2	NA	<5
4.26	NA	<0.01	3.64	<1	NA	41.8	<0.2	NA	5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3.78	NA	<0.01	3.62	<1	NA	41.3	<0.2	NA	<5
4.84	NA	<0.01	3.48	<1	NA	39	<0.2	NA	<5
4.08	NA	<0.1	3.43	<1	NA	40.6	<0.2 B2,B3	NA	<5

4.17	NA	0.04	3.42	<1	NA	42.4	<0.2	NA	<5
<1	NA	NA	NA	1.86	NA	NA	<0.2	NA	<5
1.1	NA	<0.1	0.884	<1	NA	54.9	<0.2	3.72	5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<5	NA	0.033	7.28	2.03	NA	56.6	<0.2	4.43	7
<1	NA	0.057	6.54	<1	NA	32.7	<0.2	NA	<5
1.42	NA	<0.01	4.03	<1	NA	93.8	<0.2	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.06	NA	0.03	1.51	1.26	NA	239	<0.2	NA	6
<1	NA	0.01	2.55	<1	NA	9.44	<0.2	NA	<5
1.46	NA	0.02	8.94	2.58	NA	26	<0.2	NA	17
<1	NA	<0.01	2.39	<1	NA	14.8	<0.2	NA	<5
<1	NA	NA	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	<0.1	4.63	<1	NA	20.9	<0.2	0.359	<5
2.75	NA	0.04	5.75	2.12	NA	34	<0.2	2	<5
<1	NA	0.016	4.48	2.18	NA	16.8	<0.2	NA	<5
<1	NA	<0.01	3.74	<1	NA	15.8	<0.2	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	<0.01	5.83	<1	NA	22.9	<0.2	NA	<5
<1	NA	0.02	3.16	<1	NA	10.9	<0.2	NA	7
<1	NA	<0.01	5.73	<1	NA	27.4	<0.2 B2,B3	NA	<5
<1	NA	0.01	4.38	1.03	NA	17.9	<0.2	NA	<5
<1	NA	0.048	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	0.02	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	0.05	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	0.07	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	0.03	NA	<1	NA	NA	<0.2	NA	<5
1.78	NA	0.01	NA	2.77	NA	NA	<0.2	NA	7.01
3.64	NA	NA	NA	62.9	NA	NA	<0.2	NA	5
1.7	NA	<0.1	6.55	15.5	NA	25.1	<0.2	2.58	<5
2.18	NA	0.042	5.96	18.4	NA	21.7	<0.2	2.39	<5
3.34	NA	0.021	6.41	31.1	NA	23.6	<0.2	NA	<5
1.04	NA	<0.01	4.25	14.4	NA	18.7	<0.2	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	0.03	4.75	23.7	NA	21.4	<0.2	NA	<5
1.1	NA	<0.01	3.75	<5	NA	13	<0.2	NA	<5
3.1	NA	0.11	9.42	23.2	NA	27.1	<0.2 B2,B3	NA	<5
2.46	NA	0.16	9.78	23.2	NA	28.3	<0.2	NA	<5
<1	NA	<0.01	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	0.026	11.3	<1	NA	57.7	<0.2	NA	<5
<1	NA	<0.01	11.5	<1	NA	60.7	<0.2	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<1	NA	<0.01	14.1	<1	NA	62.1	<0.2	NA	<5
1.03	NA	0.03	15.9	<1	NA	67	<0.2 B2,B3	NA	<5
<1	NA	0.038	NA	<1	NA	NA	<0.2	NA	<5

5.94	NA	0.02	NA	<1	NA	NA	<0.2	NA	<5
2.22	NA	<0.01	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	<0.01	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	0.02	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	0.02	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	0.02	NA	<1	NA	NA	<0.2	NA	<5
1.45	NA	0.09	1.64	<1	NA	35.6	<0.2	NA	<5
<1	NA	NA	NA	<1	NA	NA	<0.2	NA	<5
<1	NA	0.17	1.83	<1	NA	7.98	<0.2	1.43	<5
<1	NA	0.205	2.84	<1	NA	7.62	<0.2	0.802	<5
<1	NA	<0.1	1.49	<1	NA	8.63	<0.2	0.727	<5
<1	NA	0.05	1.96	<1	NA	8.67	<0.2	1.4	22
5.65	NA	0.199	6.23	2.35	NA	10	0.428	NA	27
16.7	NA	<0.01	8.42	6.62	NA	14.7	0.509	NA	13
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.61	NA	0.03	5.64	1.75	NA	10.1	<0.2	NA	7
2.34	NA	0.213	5.3	1.69	NA	8.65	<0.2	2.61	9
2.28	NA	0.256	5.34	1.52	NA	8.7	<0.2	2.84	6
2.56	NA	0.21	5.39	1.52	NA	8.73	<0.2 B3	3.61	7
2.37	NA	0.197	5.32	1.6	NA	8.77	<0.2 B3	3.64	11
2.58	NA	0.209	5.32	1.64	NA	8.94	<0.2 B3	3.32	8
3.23	NA	0.171	5.52	2.55	NA	9.36	<0.2 B3	4.39	11
2.73	NA	<0.01	5.19	1.56	NA	9.68	<0.2	14.8	8
1.62	NA	<0.01	4.84	1.88	NA	8.52	0.239	7.19	<5
1.56	NA	0.038	4.8	1.92	NA	8.42	<0.2	6.94	<5
1.59	NA	<0.01	4.81	1.97	NA	8.47	0.203	7.3	<5

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.01	NA	0.06	7.69	1.45	NA	12.6	<0.2	NA	<5
6.81	1.81	NA	NA	65.3	<5	NA	<0.2 B2	NA	3.45 j
2.73	NA	0.011	NA	2.45	NA	NA	<0.2	NA	<5
<1	NA	NA	NA	<1	NA	NA	<0.2	NA	<5
2.56	NA	0.017	4.93	1.96	NA	34.5	<0.2	1.18	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.41	NA	<0.1	6.54	16.2	NA	25	<0.2	2.58	<5
1.07	NA	<0.01	3.8	1.41	NA	13	<0.2	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1.62	NA	0.03	5.7	1.75	NA	9.97	<0.2	NA	6
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

INORGANIC PARAMETE									
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

INORGANIC PARAMETE									
Aluminum (0.45u)	**Antimony (0.45u)**	**Arsenic (0.45u)**	**Barium (0.45u)**	**Beryllium (0.45u)**	**Boron (0.45u)**	**Cadmium (0.45u)**	**Chromium (0.45u)**	**Cobalt (0.45u)**	**Copper (0.45u)**
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
40	<1	110	114	<1	712	<1	<1	2.24	<1
23	<1	6.99	57	<1	813	<1	<1	<1	1.51
19	<1	46.9	95	<1	709	<1	<1	2.58	<1
20	<1	6.3	54	<1	753	<1	<1	<1	1.37
8	<1	2.46	39	<1	1150	<1	<1	<1	9.62
5	<1	2.76	38	<1	1150	<1	<1	<1	12.7
7	<1	2.09	55	<1	1480	<1	<1	<1	10.4
12	<1	2.76	39	<1	1150	<1	<1	<1	11.9
5	<1	2.28	38	<1	1130	<1	<1	<1	11
6	<1	2.75	40	<1	1180	<1	<1	<1	10.9
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<5	<1	2.66	53	<1	2130	<1	<1	<1	<1
<5	<1	1.19	66	<1	1820	<1	<1	<1	3.77
<5	<1	1.37	62	<1	1960	<1	<1	<1	1.88
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<5	<1	<1	64	<1	1590	<1	<1	<1	1.7
<5	<1	<1	61	<1	1460	<1	<1	1.46	1.36
16	<1	40.1	94	<1	724	<1	<1	2.78	<1
20	<1	6.75	55	<1	778	<1	<1	<1	1.32
8	<1	5.44	50	<1	680	<1	<1	<1	<1
14	<1	5.43	53	<1	722	<1	<1	<1	1.14
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3.582 j	<1	1.25	41	<1	1070	<0.1	<1	0.607 j	1.26
3.676 j	<1	1.56	40	<1	1060	<0.1	<1	0.651 j	1.11
4.968 j	<1	3.12	41	<1	1080	<0.1	<1	0.778 j	1.37
2.31 j	<1	1.04	42	<1	1130	<0.1	<1	0.597 j	3.02
2.456 j	<1	0.72 j	47	<1	1160	<0.1	<1	0.7 j	1.49
4.5 j	<1	1.05	42	<1	1150	<0.1	<1	<1	7.94

4.13 j	<1	0.975 j	43	<1	1160	<0.1	<1	<1	2.55
3.119 j	<1	1.05	43	<1	1160	<0.1	<1	<1	8.72
3.059 j	<1	1.05	46	<1	1290	<0.1	<1	<1	2.65
3.024 j	<1	0.976 j	47	<1	1330	<0.1	<1	<1	3.12
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11	<1	5.37	88	<1	9820	<1	<1	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11	<1	6.75	75	<1	8420	<1	<1	1.24	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<5	<1	1.58	50	<1	1390	<1	<1	1.87	1.04
13	<1	3.83	58	<1	1290	<1	<1	5.04	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	1.12
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	<1
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	1
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	1.31
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	<1
NA	NA	1.04	NA	NA	NA	<0.1	<1	NA	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<5	1	3.16	58	<1	1630	<1	<1	4.03	<1
<5	<1	3.13	57	<1	1520	<1	<1	4.51	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	<1

NA	NA	<1	NA	NA	NA	<0.1	<1	NA	<1
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	<1
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	<1
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	<1
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	<1
NA	NA	<1	NA	NA	NA	<0.1	<1	NA	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39	<1	<1	35	<1	<50	<1	<1	<1	<1
37	<1	<1	30	<1	<50	<1	<1	<1	<1
63	<1	<1	34	<1	<50	<1	<1	<1	<1
86	<1	<1	43	<1	<50	<1	<1	<1	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7	<1	2.32	53	<1	853	<1	<1	<1	1.14
12	<1	2.24	53	<1	854	<1	<1	<1	1.72
6	<1	2.1	53	<1	880	<1	<1	<1	1.45
6	<1	2.4	53	<1	846	<1	<1	<1	1.57
7	<1	2.24	54	<1	911	<1	<1	<1	1.55
8	<1	2.82	54	<1	1130	<1	<1	<1	1.35
9	<1	32.3	114	<1	780	<1	<1	2.02	<1
18	<1	6.51	54	<1	786	<1	<1	<1	1.29
15	<1	6.03	52	<1	772	<1	<1	<1	1.18
13	<1	5.6	52	<1	774	<1	<1	<1	1.44

									INORGANIC PARAMETE
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12	<1	3.68	57	<1	1270	<1	<1	4.76	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<5	1.03	3.16	57	<1	1620	<1	<1	4.2	<1
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

RS (DISSOLVED CONCENTRATION WITH FILTER SIZE)

ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

RS (DISSOLVED CONCENTRATION WITH FILTER SIZE)

Iron (0.45u)	Lead (0.45u)	Manganese (0.45u)	Mercury (0.45u)	Molybdenum (0.45u)	Nickel (0.45u)	Selenium (0.45u)	Silver (0.45u)	Strontium (0.45u)
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
11700	<1	2490	NA	21.7	1.02	<1	NA	270
10	<1	<5	NA	50.9	1.66	1.9	NA	261
5300	<1	2460	NA	32.3	1.24	<1	NA	266
29	<1	<5	NA	48.3	1.38	1.91	NA	241
64	1.4	328	NA	85.2	<1	<1	NA	362
41	1.71	294	NA	89.6	<1	<1	NA	360
34	1.55	956	NA	94.9	<1	1.08	NA	457
41	1.67	292	NA	91.4	<1	1.01	NA	361
41	1.57	290	NA	91.3	<1	1.28	NA	358
39	1.66	302	NA	88.4	<1	1.01	NA	372
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
17	<1	657	0.000631 H1	84.3	<1	<1	NA	610
<10	<1	38	0.000583	48.8	<1	1.81	NA	514
<10	<1	28	0.000522	36.1	<1	2.51	NA	537
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
195	<1	310	<0.0005	28.3	<1	2.28	NA	484
420	<1	922	<0.0005	23.1	<1	2.1	NA	530
3140	<1	2370	NA	44.2	2.71	<1	NA	269
13	<1	<5	NA	50.6	1.42	1.71	NA	252
13	<1	<5	NA	47.4	1.35	1.51	NA	231
<10	<1	<5	NA	47.2	1.23	1.63	NA	239
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

120	<1	106	0.0011	47.9	<1	0.937 j	<0.3	358
115	<1	105	0.00116	51.2	<1	1.07	<0.3	355
133	<1	128	0.00121	55.8	<1	1.18	<0.3	381
140	<1	138	0.000904	51.6	<1	1.05	<0.3	393
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
256	<1	5260	NA	16	<1	8.53	NA	1210
NA	NA	NA	NA	NA	NA	NA	NA	NA
3800	<1	1880	NA	171	1.62	1.38	NA	1520
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
1830	<1	1310	NA	51.8	<1	<1	NA	590
7540	<1	4450	NA	17.9	2.58	2.05	NA	1110
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
1030	<1	8620	NA	76.7	1.37	13.5	NA	1210
830	<1	5070	NA	64.2	2.68	16.9	NA	1170
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA

NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	<0.2	NA	NA	NA	1.97	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	<0.2	NA	NA	NA	<1	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
2360	<1	372	NA	<1	<1	<1	NA	35
863	<1	57	NA	<1	<1	<1	NA	28
129	<1	38	NA	<1	<1	<1	NA	77
101	<1	35	NA	<1	<1	<1	NA	70
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
36	<1	7	0.000578 H1	46.5	2.07	1.52	NA	254
32	<1	13	0.000541 H1	45.9	2.26	1.51	NA	254
37	<1	28	0.000654 H1	43	1.79	1.46	NA	261
44	<1	128	5.73E-04 H1	42.4	1.78	1.37	NA	253
53	<1	181	0.000809 H1	42	1.97	1.37	NA	255
47	<1	180	0.0012 H1	43.6	2.52	2.02	NA	277
2050	<1	4160	NA	39.2	1.24	<1	NA	327
<10	<1	<5	NA	50.5	1.37	1.73	NA	256
18	<1	<5	NA	50.7	1.32	1.84	NA	250
17	<1	<5	NA	49.7	1.21	1.77	NA	251

RS (DISSOLVED CONCENTRATION WITH FILTER SIZE)

NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
7390	<1	4360	NA	17.4	2.14	2.02	NA	1120
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
1000	<1	8560	NA	75.7	1.39	13.7	NA	1190
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.00116 H1	NA	NA	NA	NA	NA

			RADIONUCLIDES		SPECIATIONS				
ug/L	ug/L	ug/L	pCi/L	pCi/L	ug/L	ug/L	ug/L	ug/L	ug/L

			RADIONUCLIDES		SPECIATIONS				
Thallium (0.45u)	Vanadium (0.45u)	Zinc (0.45u)	Radium-226	Radium-228	Se(IV)	Se(VI)	SeCN	MeSe(IV)	SeMe
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	10.8	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	6.8	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	5.59	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	6.14	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	0.688	16	NA	NA	NA	NA	NA	NA	NA
<0.2	0.628	21	NA	NA	NA	NA	NA	NA	NA
<0.2	0.433	20	NA	NA	NA	NA	NA	NA	NA
<0.2	0.77	19	NA	NA	NA	NA	NA	NA	NA
<0.2	0.72	16	NA	NA	NA	NA	NA	NA	NA
<0.2	0.628	19	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	0.486	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	1.62	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	1.37	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	<0.3	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	<0.3	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	4.96	<5	NA	NA	NA	NA	NA	NA	NA
0.224	6.14	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	4.06	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	4.72	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

0.085 j	1.02	1.742 j	NA	NA	NA	NA	NA	NA	NA
0.086 j	1.13	6	NA	NA	NA	NA	NA	NA	NA
<0.2	1.2	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	0.923	2.181 j	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA

NA	NA	NA	1.55	0.596 U	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	1.03	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	0.891	7	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	<0.3	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	0.419	6	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.148 U	0.111 U	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	1.66	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	1.35	6	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.249 U	0.194 U	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA

NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	0.473	7	NA	NA	NA	NA	NA	NA	NA
<0.2	0.513	5	NA	NA	NA	NA	NA	NA	NA
<0.2	0.327	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	0.875	21	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	2.09 B2	10	NA	NA	NA	NA	NA	NA	NA
<0.2	1.89 B2	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	1.58	5	NA	NA	NA	NA	NA	NA	NA
<0.2	1.68	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	1.58	6	NA	NA	NA	NA	NA	NA	NA
<0.2	2.47	7	NA	NA	NA	NA	NA	NA	NA
<0.2	2.29	<5	NA	NA	NA	NA	NA	NA	NA
0.273	5.99	<5	NA	NA	NA	NA	NA	NA	NA
0.206	5.67	<5	NA	NA	NA	NA	NA	NA	NA
<0.2	5.43	<5	NA	NA	NA	NA	NA	NA	NA

			RADIONUCLIDES		**SPECIATIONS**				
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	0.514	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<0.2	1.59	<5	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	OTHER PARAMETERS								
ug/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

	OTHER PARAMETERS								
Se (UK)	BOD	Bromide	Carbonate Alkalinity	COD	Fluoride	Hardness	Nitrate	Nitrite	Oil and grease
NA	NA	NA	NA	NA	<1	1990	NA	NA	NA
NA	NA	NA	NA	NA	<1	962	NA	NA	NA
NA	NA	NA	NA	NA	2.5	1750	NA	NA	NA
NA	NA	NA	NA	NA	<1	231	NA	NA	NA
NA	NA	NA	NA	NA	<1	99.1	NA	NA	NA
NA	NA	NA	NA	NA	<1	460	NA	NA	NA
NA	NA	NA	NA	NA	0.16	61.8	NA	NA	NA
NA	NA	NA	NA	NA	0.57	3760	NA	NA	NA
NA	NA	NA	NA	NA	0.14	250	NA	NA	NA
NA	NA	NA	NA	NA	0.18	85.6	NA	NA	NA
NA	NA	NA	NA	NA	0.17	85.8	NA	NA	NA
NA	NA	NA	NA	NA	0.16	84.2	NA	NA	NA
NA	NA	NA	NA	NA	0.17	84.9	NA	NA	NA
NA	NA	NA	NA	NA	0.17	95.6	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<10	NA	0.27	NA	NA	NA	NA
NA	NA	NA	<10	NA	0.18	187	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	<10	NA	0.19	78.7	NA	NA	<5
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	0.13	101	NA	NA	<5

NA	NA	370	<20	NA	0.15	146	NA	NA	<5
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	<2	NA	NA	<10	0.79	NA	0.26	NA	NA
NA	<2	NA	NA	<10	0.76	NA	0.72	NA	NA
NA	<2	NA	NA	10.3	1.49	NA	1.03	NA	NA
NA	<2	NA	NA	22.8	1.12	NA	1.64	NA	NA
NA	<2	NA	NA	<10	1.56	NA	0.61	NA	NA
NA	<2	NA	NA	<10	0.9	NA	1.7	NA	NA
NA	<2	NA	NA	12.4	1.44	NA	1.09	NA	NA
NA	11	NA	NA	26	1.4	NA	1.4	NA	NA
NA	<2	NA	NA	37	1.2	NA	1.7	NA	NA
NA	<2	NA	NA	46	1.6	NA	0.78	NA	NA
NA	3.3	NA	NA	21	1.9	NA	1.2	NA	NA
NA	37.9	NA	NA	27	1.6	NA	4	NA	NA
NA	17.9	NA	NA	95	2	NA	8.7	NA	NA
NA	6.8	NA	NA	106	0.51	NA	8.1	NA	NA
NA	455	NA	NA	86	0.77	NA	10.9	NA	NA
NA	32.7	NA	NA	52	<0.5	NA	11.9	NA	NA
NA	10.7	NA	NA	95	0.53	NA	9.3	NA	NA
NA	38.3	NA	NA	<20	1.7	NA	7.5	NA	NA
NA	25.2	NA	NA	<20	1.5	NA	8	NA	NA
NA	38.9	NA	NA	<20	1.4	NA	6.6	NA	NA
NA	13.6 b	NA	NA	<20	1.8	NA	10	NA	NA
NA	NA	NA	NA	NA	1.5	NA	8.9	NA	NA
NA	NA	NA	NA	NA	2.14	NA	57	NA	NA
NA	NA	NA	NA	NA	2.33 j	NA	NA	NA	NA
NA	NA	NA	NA	NA	2 j	NA	61	NA	NA
NA	NA	NA	NA	NA	2.21 j	NA	68	NA	NA
NA	NA	NA	NA	NA	<5	NA	77	NA	NA
NA	NA	NA	NA	NA	<5	NA	64	NA	NA
NA	NA	NA	NA	NA	2.52 j	NA	40	NA	NA
NA	<2	NA	NA	<10	1.57	NA	0.59	NA	NA
NA	<2	NA	NA	12.2	0.35	NA	1.09	NA	NA
NA	<2	NA	NA	<10	0.55	NA	1.92	NA	NA
NA	<2	NA	NA	22.6	0.56	NA	1.82	NA	NA
NA	<2	NA	NA	<10	0.942	NA	0.93	NA	NA
NA	<2	NA	NA	<10	1.27	NA	1.15	NA	NA
NA	<2	NA	NA	28	1	NA	2.1	NA	NA
NA	<2	NA	NA	53	0.59	NA	1.3	NA	NA
NA	<2	NA	NA	41	0.93	NA	1.1	NA	NA

NA	<2	NA	NA	23	0.9	NA	1.4	NA	NA
NA	<2	NA	NA	<25	0.79	NA	2	NA	NA
NA	5.5	NA	NA	57	1	NA	4.7	NA	NA
NA	4.7	NA	NA	47	<0.5	NA	4.5	NA	NA
NA	4.6	NA	NA	33	0.5	NA	5.4	NA	NA
NA	3.9	NA	NA	<25	<0.5	NA	6	NA	NA
NA	3.8	NA	NA	<25	<0.5	NA	5	NA	NA
NA	<2	NA	NA	<20	1.2	NA	4.5	NA	NA
NA	6.9	NA	NA	<20	1	NA	4.5	NA	NA
NA	3.2	NA	NA	<20	1.2	NA	5.8	NA	NA
NA	6.6 b	NA	NA	<20	1.5	NA	7.9	NA	NA
NA	NA	NA	NA	NA	<2.5	NA	9.8	NA	NA
NA	NA	NA	NA	NA	2.53	NA	55	NA	NA
NA	NA	NA	NA	NA	2.25 j	NA	NA	NA	NA
NA	NA	NA	NA	NA	1.8 j	NA	88	NA	NA
NA	NA	NA	NA	NA	2.06 j	NA	97	NA	NA
NA	NA	NA	NA	NA	<5	NA	110	NA	NA
NA	NA	NA	NA	NA	<5	NA	88	NA	NA
NA	NA	NA	NA	NA	2.52 j	NA	85	NA	NA
NA	<2	NA	NA	<10	<0.1	NA	0.04	NA	NA
NA	<2	NA	NA	<10	0.117	NA	0.13	NA	NA
NA	<2	NA	NA	42.7	<0.1	NA	4.68	NA	NA
NA	<2	NA	NA	32.5	0.46	NA	12.2	NA	NA
NA	2.4	NA	NA	44	0.36	NA	13	NA	NA
NA	13	NA	NA	88	<0.01	NA	14	NA	NA
NA	<2	NA	NA	76	0.68	NA	16	NA	NA
NA	2.3	NA	NA	30	1	NA	16	NA	NA
NA	39.7	NA	NA	63	1	NA	17.6	NA	NA
NA	5	NA	NA	81	1.5	NA	26	NA	NA
NA	16.4	NA	NA	51	<0.5	NA	23.7	NA	NA
NA	28.6	NA	NA	57	0.62	NA	26.2	NA	NA
NA	9.4	NA	NA	<25	<0.5	NA	27.4	NA	NA
NA	<2	NA	NA	33	<0.5	NA	17.6	NA	NA
NA	<2	NA	NA	<20	<1	NA	11	NA	NA
NA	<2	NA	NA	<20	<1	NA	8	NA	NA
NA	2.3	NA	NA	<20	<1	NA	9.2	NA	NA
NA	<2	NA	NA	<20	1.3	NA	10	NA	NA
NA	NA	NA	NA	NA	<5	NA	11	NA	NA
NA	NA	NA	NA	NA	1.93 j	NA	61	NA	NA
NA	NA	NA	NA	NA	2.95 j	NA	NA	NA	NA
NA	NA	NA	NA	NA	<10	NA	55	NA	NA
NA	NA	NA	NA	NA	1.89 j	NA	64	NA	NA
NA	NA	NA	NA	NA	<5	NA	63	NA	NA
NA	NA	NA	NA	NA	3.48 j	NA	57	NA	NA
NA	NA	NA	NA	NA	2.46 j	NA	41	NA	NA

NA	<2	NA	NA	<10	<0.1	NA	<0.02	NA	NA
NA	<2	NA	NA	<10	<0.1	NA	0.03	NA	NA
NA	<2	NA	NA	110	0.36	NA	16	NA	NA
NA	<2	NA	NA	160	0.75	NA	13	NA	NA
NA	<2	NA	NA	120	0.6	NA	15	NA	NA
NA	<2	NA	NA	100	0.58	NA	17	NA	NA
NA	2.5	NA	NA	165	0.34	NA	13.8	NA	NA
NA	<2	NA	NA	201	1.1	NA	10.6	NA	NA
NA	<2	NA	NA	130	<1	NA	17.7	NA	NA
NA	5.7	NA	NA	86	<0.5	NA	14	NA	NA
NA	10.5	NA	NA	<25	<0.5	NA	21.6	NA	NA
NA	<2	NA	NA	111	<0.5	NA	20.3	NA	NA
NA	7.8	NA	NA	<20	<1	NA	14	NA	NA
NA	5.5	NA	NA	23	<1	NA	18	NA	NA
NA	10.4	NA	NA	22	<1	NA	16	NA	NA
NA	2.1 b	NA	NA	26	1	NA	12	NA	NA
NA	NA	NA	NA	NA	<2.5	NA	12	NA	NA
NA	NA	NA	NA	NA	1.13	NA	57	NA	NA
NA	NA	NA	NA	NA	2.77 j	NA	NA	NA	NA
NA	NA	NA	NA	NA	<10	NA	<10	NA	NA
NA	NA	NA	NA	NA	1.42 j	NA	57	NA	NA
NA	NA	NA	NA	NA	<5	NA	71	NA	NA
NA	NA	NA	NA	NA	2.98 j	NA	47	NA	NA
NA	NA	NA	NA	NA	3.29 j	NA	2.17 j	NA	NA
NA	NA	<100	NA	NA	0.436 J	NA	2.577 B2	<0.1	NA
NA	NA	NA	NA	NA	<5	NA	6.9	NA	NA
NA	NA	NA	NA	NA	<5	NA	7.2	NA	NA
NA	NA	NA	NA	NA	<5	NA	5.6	NA	NA
NA	NA	NA	NA	NA	2.79 j	NA	6.8	NA	NA
NA	NA	NA	NA	NA	<5	NA	4.55 j	NA	NA
NA	NA	NA	NA	NA	0.248 J	NA	2.651 B2	NA	NA
NA	NA	NA	NA	NA	<5	NA	<5	NA	NA
NA	NA	NA	NA	NA	<5	NA	6.4	NA	NA
NA	NA	NA	NA	NA	<5	NA	<5	NA	NA
NA	NA	NA	NA	NA	<5	NA	<5	NA	NA
NA	NA	NA	NA	NA	<5	NA	3.15 j	NA	NA
<1.75	NA	NA	NA	NA	2.7 j	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	1.34	NA	NA	NA	NA
NA	NA	NA	<5	NA	0.21	154	NA	NA	NA
NA	NA	NA	<5	NA	0.21	155	NA	NA	NA
NA	NA	NA	<5	NA	0.21	156	NA	NA	NA
NA	NA	NA	<5	NA	0.22	162	NA	NA	NA
NA	NA	NA	<5	NA	0.1598 j	174	NA	NA	NA
NA	NA	NA	<5	NA	0.16	119	NA	NA	NA

NA	NA	NA	<5	NA	0.16	117	NA	NA	NA
NA	NA	NA	<5	NA	0.16	112	NA	NA	NA
NA	NA	NA	<5	NA	0.17	120	NA	NA	NA
NA	NA	NA	<5	NA	0.12	132	NA	NA	NA
NA	NA	NA	NA	NA	<1	NA	NA	NA	NA
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NA	NA	NA	NA	<20	0.45	1050	NA	NA	<5
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NA	NA	NA	<10	NA	<1	NA	NA	NA	NA
NA	NA	NA	<10	NA	<2	1150	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
NA	NA	NA	<10	NA	<2	1250	NA	NA	<5
NA	NA	NA	<10	NA	<2	1540	NA	NA	NA
NA	NA	NA	<20	NA	<2	1570	NA	NA	NA
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NA	NA	<5000	<20	NA	<5	1580	NA	NA	NA
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NA	NA	NA	<10	NA	<2	1770	NA	NA	NA
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NA	NA	NA	<10	NA	<10	3680	NA	NA	NA
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NA	NA	NA	<10	NA	<10	2980	NA	NA	NA
NA	NA	NA	<20	NA	<2	3130	NA	NA	<5

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NA	NA	360	NA	NA	<0.2	116	NA	NA	NA
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NA	NA	NA	<10	NA	NA	NA	NA	NA	NA
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NA	NA	NA	<10	NA	0.23	NA	NA	NA	NA
NA	NA	NA	<10	NA	<0.5	168	NA	NA	NA
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NA	NA	<500	<20	NA	<0.5	197	NA	NA	<5
NA	NA	280	NA	NA	0.16	159	NA	NA	<5
NA	NA	310	NA	NA	0.12	175	NA	NA	NA
NA	NA	<100	NA	NA	<0.1	76.9	NA	NA	<5
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NA	NA	NA	<10	NA	0.35	182	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	<5
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NA	NA	NA	<5	NA	NA	NA	NA	NA	NA
NA	NA	NA	<5	NA	NA	NA	NA	NA	NA

						OTHER PARAMETERS			
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<10	NA	0.18	181	NA	NA	NA
NA	NA	NA	NA	NA	<10	NA	<10	NA	NA
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NA	NA	NA	NA	<20	<0.5	266	NA	NA	<5
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<10	NA	NA	NA	NA	NA	NA
NA	NA	NA	<10	NA	<1	463	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	<10	NA	0.35	143	NA	NA	<5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ug/L	mg/L	mg/L

Phosphate	Sulfur	Total Organic Halides
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
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NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	<0.01
NA	NA	0.0156
NA	NA	0.0248
NA	NA	<1
NA	NA	<1
NA	NA	<1
NA	NA	<1
NA	NA	0.296
NA	NA	0.0979
NA	NA	0.32
NA	NA	0.48
NA	NA	<0.1
NA	NA	0.3
NA	NA	0.3
NA	NA	0.2
NA	NA	0.076 jb
NA	NA	<0.1
NA	NA	<0.1
NA	NA	1
NA	NA	0.11
NA	NA	0.85
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	<0.01
NA	NA	0.0202
NA	NA	0.0101
NA	NA	<1
NA	NA	<1
NA	NA	<1
NA	NA	0.0364
NA	NA	0.0616
NA	NA	0.0425

NA	NA	<0.03
NA	NA	<0.1
NA	NA	0.2
NA	NA	0.1
NA	NA	0.2
NA	NA	0.3 b
NA	NA	<0.1
NA	NA	<0.1
NA	NA	0.684
NA	NA	0.25
NA	NA	0.62
NA	NA	NA
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NA	NA	NA
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NA	NA	<1
NA	NA	0.107
NA	NA	0.142
NA	NA	0.47
NA	NA	0.36
NA	NA	<0.1
NA	NA	0.5
NA	NA	0.3
NA	NA	0.5
NA	NA	0.4 b
NA	NA	<0.1
NA	NA	0.17
NA	NA	1.05
NA	NA	0.62
NA	NA	0.84
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
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NA	NA	NA
NA	NA	NA
NA	NA	NA

NA	NA	<1
NA	NA	<1
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NA	NA	<0.06
NA	NA	0.2
NA	NA	0.427
NA	NA	0.12
NA	NA	0.1
NA	NA	0.2
NA	NA	0.4
NA	NA	0.3 b
NA	NA	<0.1
NA	NA	<0.1
NA	NA	0.982
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<100	596	NA
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NA	NA	NA
NA	NA	NA
NA	NA	NA

FACILITY NAME:

DATE UPDATED:

SPREADSHEET UPDATED BY:

SPREADSHEET CHECKED BY:

Sample ID
AB-01 (3-5)
AB-01 (40-41)
AB-01 (75.5-77.5)
ABMW-01BR (83-85)
AB-02 (4-5)
AB-02 (39-40)
AB-02 (76-78)
AB-02 (80-82)
AB-03 (3-5)
AB-03 (8-10)
AB-03 (12-14)
AB-04 (14-15)
AB-04 (50-52)
AB-04 (51-53)
AB-04 (56-58)
AB-05 (3-5)
AB-05 (38-40)
AB-05 (48-50)
AB-05 (58-60)
AB-05 (68-70)
AB-06 (3-5)
AB-06 (35-37)
AB-06 (56-58)
AB-06 (61-62)
AB-06 (62-64)

AB-06 (65-67)
AB-07 (3-5)
AB-07 (46-47)
AB-07 (76-78)
AB-07 (80-82)
BG-01BR (0-2)
BG-01BR (33-35)
BG-01BR (39-41)
BGSB-02 (4-5)
BGSB-02 (7-8)
BGSB-112 (2-3)
BGSB-112 (4-5)
BGSB-112 (7-8)
BGSB-112 (9-10)
BGSB-112 (14-15)
BGSB-112 (19-20)
BGSB-14 (2-3)
BGSB-14 (4-5)
BGSB-14 (7-8)
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BGSB-18 (2-3)
BGSB-18 (4-5)
BGSB-18 (7-8)
BGSB-18 (9-10)
BGSB-18 (12-13)
CPA-01S (28-30)
CPA-02D (2-4)
CPA-02D (4-6)
CPA-02D (6-8)
CPA-02S (13-15)
CPA-02S (18-20)
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CPA-02S (28-30)
CPA-03D (4-6)
CPA-04D (2-4)
CPA-04D (4-6)
CPA-04D (6-8)
CPA-04D (8-10)

CPA-04S (23-25)
CPA-05D (2-4)
CPA-05D (4-6)
CPA-06D (2-4)
CPA-06D (6-8)
CPA-06D (10-12)
CPA-06S (28-30)
GMW-08R (6-7)
GMW-08R (10.5-11.5)
MW-01BR (0-2)
MW-01BRL (4-5)
MW-02BR (2-2.5)
MW-02BR (11-13)
MW-03BR (0-2)
MW-03BR (21-23)
MW-04 (0-2)
MW-04 (23-25)
MW-04 (29-31)
MW-05BR (1-2)
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MW-37D (2-4)
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MW-39D (2-4)
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PSB-01 (1.5-2)
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PSB-03 (1.5-2)
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PSB-34 (1.5-2)
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PSB-46 (1.5-2)
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PSB-49 (1.5-2)
SB-31 (0.5-1)

AB-03 (12-14) DUP
MW-03BR (0-2) DUP
MW-04 (23-25) REP
MW-05BR (5-6) DUP

ROXBORO

12/11/2019

BRANDON RUSSO

CRAIG EADY

Location Description
In WB
In WB
In WB
In WB
In WB
In WB
In WB
In WB
In WB
In WB
In WB
In EB
In EB
In EB
In EB
In EB
In EB
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In EB
In EB
In EB
In EB
In EB
In EB
In EB

In EB
In EB
In EB
In EB
In EB
Southwest of WB, outside CB
Southwest of WB, outside CB
Southwest of WB, outside CB
Southwest of WB, outside of CB
Southwest of WB, outside of CB
East of EB, outside of CB
East of EB, outside of CB
East of EB, outside of CB
East of EB, outside of CB
East of EB, outside of CB
East of EB, outside of CB
Northeast of EB, outside of CB
Northeast of EB, outside of CB
Northeast of EB, outside of CB
Northeast of EB, outside of CB
Southeast of WB, outside of CB
Southeast of WB, outside of CB
Southeast of WB, outside of CB
Southeast of WB, outside of CB
Southeast of WB, outside of CB

Southern edge of EB in CB
Southern edge of EB in CB
North of EB, on CB
North of EB, on CB
Between EB and WB, in CB
Between EB and WB, in CB
In gypsum storage area, in CB
In gypsum storage area, in CB
Southwest of WB in CB
Southwest of WB in CB
Southwest of WB in CB
North of WB, on CB
North of WB, on CB
North of WB, on CB
North of WB, on CB
North of WB, on CB
North of WB, on CB
West of WB, outside of CB
West of WB, outside of CB
West of WB, outside of CB
West of WB, outside of CB
Northwest of WB, outside of CB
South of CB
North east of EB, in contractor lot
North east of EB, in contractor lot
West of WB, in CB
South of EB, outside of CB
South of EB, outside of CB
Northeast of EB, outside of CB
Northeast of EB, outside of CB
Northeast of EB, outside of CB

Southwest of WB, outside of CB
Southwest of WB, outside of CB
Southwest of WB, outside of CB
Southwest of EB, outside of CB
Southwest of EB, outside of CB
East of EB, outside of CB
Southeast of WB, outside of CB
Southeast of WB, outside of CB
Southeast of WB, outside of CB
Edge of WB
Edge of WB
Dry Fly Ash Handling Area
Dry Fly Ash Handling Area
Dry Fly Ash Handling Area
Dry Fly Ash Handling Area
Dry Fly Ash Handling Area
Dry Fly Ash Handling Area
Dry Fly Ash Handling Area
South of WB, on CB
South of WB, on CB
Western Perimeter of EB
Western Perimeter of EB
Western Perimeter of EB
Western Perimeter of EB
Western Perimeter of EB
Southern Perimeter of WB
Southern Perimeter of WB
Southern Perimeter of WB
Southern Perimeter of WB
Southern Perimeter of WB
Southern Perimeter of WB
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Southern Perimeter of WB

Southern Perimeter of WB
Southern Perimeter of WB
Southern Perimeter of WB
Southern Perimeter of WB
Southern Perimeter of WB

West of WB, outside of CB

In WB
In gypsum storage area, in CB
Southwest of WB in CB
North of WB, on CB

Associated Unit
West Ash Basin
West Ash Basin
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West Ash Basin

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West Ash Basin

Location With Respect to Groundwater Flow Direction	Sample Media
Downgradient	Ash
Downgradient	Ash
Downgradient	Ash
Downgradient	Soil
Downgradient	Ash
Downgradient	Ash
Downgradient	Ash
Downgradient	Soil
Downgradient	Ash
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Upgradient	Soil

SAMPLE RESULTS	
Downgradient	Soil
Downgradient	Soil
Downgradient	Soil
Downgradient	Soil

Provisior

Depth Interval (FEET BGS)	Latitude
3 - 5	36.47467572
40 - 41	36.47467572
75.5 - 77.5	36.47467572
83 - 85	36.47467572
4 - 5	36.47128211
39 - 40	36.47128211
76 - 78	36.47128211
80 - 82	36.47128211
3 - 5	36.47674122
8 - 10	36.47674122
12 - 14	36.47674122
14 - 15	36.47884058
50 - 52	36.47884058
51 - 53	36.47884058
56 - 58	36.47884058
3 - 5	36.48045282
38 - 40	36.48045282
48 - 50	36.48045282
58 - 60	36.48045282
68 - 70	36.48045282
3 - 5	36.47822414
35 - 37	36.47822414
56 - 58	36.47822414
61 - 62	36.47822414
62 - 64	36.47822414

65 - 67	36.47822414
3 - 5	36.48013832
46 - 47	36.48013832
76 - 78	36.48013832
80 - 82	36.48013832
0 - 2	36.46413463
33 - 35	36.46413463
39 - 41	36.46413463
4 - 5	36.46417055
7 - 8	36.46417055
2 - 3	36.48068554
4 - 5	36.48068554
7 - 8	36.48068554
9 - 10	36.48068554
14 - 15	36.48068554
19 - 20	36.48068554
2 - 3	36.48667642
4 - 5	36.48667642
7 - 8	36.48667642
9 - 10	36.48667642
2 - 3	36.46075623
4 - 5	36.46075623
7 - 8	36.46075623
9 - 10	36.46075623
12 - 13	36.46075623
28 - 30	---
2 - 4	---
4 - 6	---
6 - 8	---
13 - 15	---
18 - 20	---
23 - 25	---
28 - 30	---
4 - 6	---
2 - 4	---
4 - 6	---
6 - 8	---
8 - 10	---

23 - 25	---
2 - 4	---
4 - 6	---
2 - 4	---
6 - 8	---
10 - 12	---
28 - 30	---
6 - 7	36.47498553
10.5 - 11.5	36.47498553
0 - 2	36.48211095
4 - 5	36.48212638
2 - 2.5	36.47620986
11 - 13	36.47620986
0 - 2	36.48525754
21 - 23	36.48525754
0 - 2	36.46411093
23 - 25	36.46411093
29 - 31	36.46411093
1 - 2	36.47832789
5 - 6	36.47832789
9.5 - 11.5	36.47832789
0 - 2	36.48052669
5 - 7	36.48052669
8 - 10	36.48052669
0 - 2	36.46982688
0 - 2	36.47453784
14 - 16	36.47453784
21 - 23	36.47453784
0 - 2	36.47754626
0 - 2	36.46995979
1.5 - 2	36.47949697
18.75 - 19.5	36.47949697
0 - 2	36.47345637
0 - 2	36.47190203
22 - 24	36.47190203
1 - 1.25	36.48671171
31 - 31.5	36.48671171
37.5 - 38	36.48671171

0 - 2	36.46191571
31 - 33	36.46191571
34 - 35	36.46191571
0 - 2	36.47115005
36 - 38	36.47115005
29 - 31	36.47557025
0 - 2	36.46056754
31 - 33	36.46056754
37 - 38	36.46056754
4 - 5	36.47501260
4 - 5	36.47142863
2 - 4	36.48296591
8 - 9	36.48296591
2 - 4	36.48227640
6 - 8	36.48227640
2 - 4	36.48287798
2 - 4	36.48249127
8 - 10	36.48249127
2 - 4	36.46119713
6 - 8	36.46119713
1.5 - 2	36.47360158
1.5 - 2	36.47326902
1.5 - 2	36.47280737
1.5 - 2	36.47404313
1.5 - 2	36.47424181
1.5 - 2	36.46435334
1.5 - 2	36.46370000
1.5 - 2	36.46431713
1.5 - 2	36.46433020
1.5 - 2	36.46348169
1.5 - 2	36.46325860
1.5 - 2	36.46246446
1.5 - 2	36.46284004
1.5 - 2	36.46097873
1.5 - 2	36.45952160
1.5 - 2	36.46005461
1.5 - 2	36.46108310
1.5 - 2	36.46257740

1.5 - 2	36.46177293
1.5 - 2	36.46033325
1.5 - 2	36.46081444
1.5 - 2	36.46188302
1.5 - 2	36.46363180
1.5 - 2	---
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1.5 - 2	---
0.5 - 1	36.46552000

12 - 14	36.47674122
0 - 2	36.48525754
23 - 25	36.46411093
5 - 6	36.47832789

Reporting Units

PSRG Protection of Groundwater

ıal Background Threshold Values

Longitude	Sample Collection Date
-79.07635114	03/13/2015
-79.07635114	03/13/2015
-79.07635114	03/13/2015
-79.07635114	04/29/2015
-79.07441006	03/14/2015
-79.07441006	03/14/2015
-79.07441006	03/14/2015
-79.07441006	05/02/2015
-79.07537930	04/27/2015
-79.07537930	04/27/2015
-79.07537930	04/27/2015
-79.06502713	03/12/2015
-79.06502713	04/17/2015
-79.06502713	03/12/2015
-79.06502713	04/17/2015
-79.06679791	03/11/2015
-79.06679791	03/17/2015
-79.06679791	03/11/2015
-79.06679791	03/17/2015
-79.06679791	03/18/2015
-79.06781690	03/10/2015
-79.06781690	03/12/2015
-79.06781690	03/10/2015
-79.06781690	03/12/2015
-79.06781690	03/13/2015

-79.06781690	03/13/2015
-79.06481721	03/11/2015
-79.06481721	03/14/2015
-79.06481721	03/12/2015
-79.06481721	03/15/2015
-79.08113755	04/09/2015
-79.08113755	04/09/2015
-79.08113755	04/09/2015
-79.08113189	07/18/2017
-79.08113189	07/18/2017
-79.04695666	07/19/2017
-79.04695666	07/19/2017
-79.04695666	07/19/2017
-79.04695666	07/19/2017
-79.04695666	07/19/2017
-79.04695666	07/19/2017
-79.05217984	07/19/2017
-79.05217984	07/19/2017
-79.05217984	07/19/2017
-79.05217984	07/19/2017
-79.06023192	07/19/2017
-79.06023192	07/19/2017
-79.06023192	07/19/2017
-79.06023192	07/19/2017
-79.06023192	07/19/2017
---	06/28/2019
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-79.06083137	08/01/2018
-79.06083137	08/01/2018
-79.05785144	03/26/2015
-79.05779579	01/08/2019
-79.07012768	03/12/2015
-79.07012768	03/12/2015
-79.05989552	05/13/2015
-79.05989552	05/13/2015
-79.07275033	05/11/2015
-79.07275033	05/13/2015
-79.07275033	05/11/2015
-79.07363968	03/26/2015
-79.07363968	03/26/2015
-79.07363968	03/26/2015
-79.07468089	04/01/2015
-79.07468089	04/01/2015
-79.07468089	04/01/2015
-79.08330185	04/15/2015
-79.08323289	04/27/2015
-79.08323289	04/27/2015
-79.08323289	04/27/2015
-79.08091696	04/30/2015
-79.06097778	04/07/2015
-79.07033367	03/04/2015
-79.07033367	03/04/2015
-79.08069851	04/29/2015
-79.05849596	03/04/2015
-79.05849596	03/04/2015
-79.05221504	02/25/2015
-79.05221504	02/25/2015
-79.05221504	02/25/2015

-79.07549454	04/17/2015
-79.07549454	04/17/2015
-79.07549454	04/17/2015
-79.06386924	04/06/2015
-79.06386924	04/07/2015
-79.05011238	04/21/2015
-79.06041726	05/16/2015
-79.06041726	05/16/2015
-79.06041726	05/16/2015
-79.08001099	11/28/2018
-79.07894961	12/03/2018
-79.06509579	03/27/2019
-79.06509579	03/27/2019
-79.06468030	03/27/2019
-79.06468030	03/27/2019
-79.06397334	03/27/2019
-79.06398807	03/28/2019
-79.06398807	03/28/2019
-79.06379789	04/02/2019
-79.06379789	04/02/2019
-79.06186895	04/10/2019
-79.06318369	04/10/2019
-79.06511666	04/10/2019
-79.06511669	04/10/2019
-79.06728676	04/10/2019
-79.06681513	04/10/2019
-79.06563000	04/10/2019
-79.06355428	04/10/2019
-79.06214412	04/10/2019
-79.06097644	04/10/2019
-79.06233773	04/10/2019
-79.06397296	04/10/2019
-79.06701832	04/10/2019
-79.06636866	04/10/2019
-79.06544125	04/10/2019
-79.06699534	04/10/2019
-79.06745872	04/11/2019
-79.06870644	04/11/2019

-79.06935947	04/11/2019
-79.06975026	04/11/2019
-79.07047980	04/11/2019
-79.07060409	04/11/2019
-79.07067222	04/11/2019
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-79.08047999	07/19/2017

-79.07537930	04/27/2015
-79.05989552	05/13/2015
-79.07275033	05/12/2015
-79.07363968	03/26/2015

%	%	S.U.
NE	NE	NE
NE	NE	4.4-9.7

Percent Moisture	Percent Solids	pH
39	NA	6.2
45.3	NA	6.4
38.9	NA	7.3
16	NA	7.1
38.3	NA	7.3
38.7	NA	7.6
34.5	NA	7.2
19.4	NA	7.4
13.2	NA	3.9
27.2	NA	4.5
19.5	NA	4.4
19.1	NA	7.6
15.4	NA	6.7
29.6	NA	7.2
35	NA	6.6
14.5	NA	4.0
46.6	NA	7.8
28.7	NA	7.2
32.1	NA	7.3
21.5	NA	6.8
33.8	NA	6.5
27.1	NA	7.9
32.3	NA	7.3
16	NA	7.5
6.9	NA	8.4

3.2	NA	8.3
35.8	NA	6.7
40.5	NA	8.2
22.2	NA	7.1
15.8	NA	8.1
11.3	NA	5.8
12.8	NA	8.1
10.5	NA	8.5
NA	87.1	6.8
NA	94.8	7.4
NA	80	5.5
NA	81.6	5.7
NA	87	5.3
NA	82.7	7.6
NA	86.7	7.6
NA	91.1	6.4
NA	83.7	6.0
NA	90.2	5.4
NA	92.5	6.1
NA	95.8	6.5
NA	90.4	7.2
NA	94.3	7.1
NA	81.3	7.0
NA	93.7	7.7
NA	97	8.8
NA	85.6	7.1
NA	91.1	6.4
NA	88.9	6.3
NA	88.5	6.9
NA	84.6	6.8
NA	82.2	6.8
NA	85.3	6.4
NA	85	6.5
NA	95.3	7.0
NA	86.7	6.3
NA	89.2	5.6
NA	90.8	7.0
NA	88.3	6.9

NA	85.3	7.6
NA	77.9	7.0
NA	79.8	6.9
NA	89.1	7.1
NA	89.5	7.4
NA	87.3	7.4
NA	83.9	7.6
NA	93.1	6.6
NA	93.8	7.5
26.2	NA	7.1
NA	95.5	7.2
23.2	NA	6.8
8.7	NA	8.3
12.3	NA	6.5
2	NA	7.7
3.6	NA	7.7
19.2	NA	8.3
23.3	NA	7.9
9.8	NA	7.4
5.8	NA	7.3
21.6	NA	7.4
20.3	NA	6.2
9.3	NA	7.1
10.1	NA	7.7
33.1	NA	6.2
25.9	NA	5.7
6.4	NA	7.6
12.1	NA	7.3
28.8	NA	7.5
30.8	NA	5.6
22.6	NA	8.1
23.2	NA	8.5
12.4	NA	7.3
22.7	NA	4.8
18.9	NA	8.0
16.6	NA	4.8
1.9	NA	8.8
13	NA	8.0

27.3	NA	5.5
19.4	NA	7.3
8.7	NA	7.9
12.6	NA	7.7
20.4	NA	8.4
1.4	NA	8.4
24.7	NA	5.7
16.1	NA	7.3
17.7	NA	7.3
NA	95.6	5.1
NA	88.1	6.7
NA	81.6	7.3
NA	89.4	6.9
NA	84.9	6.4
NA	86.2	6.8
NA	87.7	6.8
NA	85.5	7.0
NA	91.4	7.2
NA	75.8	5.7
NA	84.3	6.0
NA	77.4	5.1
NA	77.3	5.0
NA	79.6	5.9
NA	85	7.1
NA	81.1	5.6
NA	79.3	5.6
NA	78.7	5.4
NA	77.2	6.0
NA	74.2	5.6
NA	78.9	4.8
NA	80.6	5.6
NA	78.5	5.6
NA	76.7	5.8
NA	78.1	5.4
NA	72.7	4.9
NA	76.6	4.7
NA	78.5	4.9
NA	78.3	5.4

NA	76.8	5.1
NA	81.7	5.1
NA	69.8	5.2
NA	79.2	5.7
NA	73.1	5.2
NA	81.2	5.3
NA	83	5.3
NA	82	5.3
NA	80	4.7
NA	81.3	5.5
NA	84.6	6.1
NA	86.4	5.7
NA	75.3	5.6
NA	76.5	5.9
NA	81.7	5.8
NA	83.8	5.9
NA	77.7	5.6
NA	86.3	6.5
NA	80.7	6.3
NA	85.9	5.0
NA	80.4	4.6
NA	84.5	5.1
NA	83.2	5.5
NA	83.7	5.0
NA	85.1	5.0
NA	73	5.9
NA	85.9	5.1
NA	84.3	5.7
NA	88	6.5
NA	89	5.2
NA	88.1	4.9

18.8	NA	4.2
12.8	NA	6.5
3.1	NA	NA
12.2	NA	7.2

mg/kg	mg/kg	mg/kg
110000	**0.9**	**5.8**
34353	**0.6**	**1.6**

Aluminum	Antimony	Arsenic
1050	<4	<4
1320	<4.7	<4.7
1890	<4.1	4 j
8350	<6.1	<6.1
9820	<4.2	**44**
4630	<4.1	**17.9**
8130	<4	**39.6**
7200	<6.3	<6.3
392	<5.7	<5.7
13800	<7	<7
12000	<6.5	<6.5
6830	<3.2	**30.6**
16600	<5.9	<5.9
6180	<3.5	**27.5**
18300	<7.5	<7.5
12500	<2.9	**8**
3360	<4.8	**7**
11600	<3.3	**80.6**
10800	<3.7	2.6 j
5220	<3.3	<3.3
10600	<3.7	**32**
1500	<3.3	**13.8**
7560	<3.8	**48.3**
5990	<3	<3
4390	<2.6	<2.6

4770	<2.5	<2.5
8090	<3.9	**41.5**
11400	<4.2	**43.4**
7270	<3.1	**36.9**
14800	<3.1	<3.1
13100	<5.9	<5.9
10800	<5.9	3.9 j
13800	<5.7	<5.7
31000 M	<0.48 M	1.1
9000	<0.44	0.5
28000	<0.59	0.44 j
31000	<0.56	0.6
16000	0.27 j,B	0.4 j
21000	<0.56	0.42 j
19000	<0.54	0.12 j
14000	<0.43	0.2 j
25000	<0.53	1.1
27000	<0.53	0.39 j
24000	<0.52	0.45 j
13000	<0.47	0.13 j
18000	<0.5	0.91
9300	0.21 j,B	0.49
11000	0.096 j,B	0.58
8400	<0.47	0.71
4600	<0.4	0.24 j
49000 M	<0.54 M	<0.54 M
26000	<0.52	0.7
23000	<0.53	0.78
21000	<0.51	0.41 j
31000	<0.54	0.8
32000	<0.52	1.5
39000	<0.57	0.4 j
21000 M	<0.58 M	0.28 j,M
19000	<0.5	<0.5
24000	<0.56	1.1
17000	<0.56	0.99
18000	<0.52	0.45 j
22000	<0.54	0.32 j

20000	<0.55	0.31 j
43000	<0.62	0.43 j
30000	<0.62	<0.62
22000	<0.49	0.93
21000	<0.53	<0.53
26000	<0.56	0.22 j
25000	<0.58	0.23 j
17000	<0.46	<0.46
19000	<0.47	<0.47
11400	<3.5	<3.5
16000 M	<0.47 M	<0.47
18800	<3.2	<3.2
13600	<2.8	<2.8
9300	<5.9	<5.9
12300	<5	<5
12000	<5.1	<5.1
10300	<5.9	<5.9
8320	<6.5	<6.5
13400	<2.8	<2.8
8030	<2.6	<2.6
7980	<3.2	<3.2
10400	<3	<3
9500	<2.7	<2.7
17600	<2.7	<2.7
32800	<7.8	<7.8
5680	<6.9	<6.9
4110	<5.2	<5.2
14800	<5.7	<5.7
11500	<7.3	<7.3
18200	<7.2	<7.2
7660	<1.3	1.4
11300	<1.4	<1.4
11100	<5.7	<5.7
12100	<1.3	<1.3
6730	<1.2	<1.2
11000	<1.2	<1.2
8590	<1	<1
12300	<1.1	<1.1

26000	<6.6	<6.6
24700	<6.5	<6.5
24300	<5.4	<5.4
13500	<6	<6
9670	<6.2	<6.2
8530	<5.1	<5.1
6890	<6.9	<6.9
3420	<6	<6
3600	<6.1	<6.1
8900	<0.48	0.22 j
32000 M	<0.53 M	0.47 j,M
30000	<0.57	0.41 j
27000	<0.55	0.3 j
19000	<0.55	0.23 j
32000	<0.57	<0.57
23000	<0.52	0.26 j
24000	<0.49	1.5
20000 M	<0.5 M	<0.5 M
18000	<0.58	0.43 j
12000 M	<0.55 M	0.38 j
16000	<0.57	0.95
17000	<0.53	0.5 j
20000	<0.57	0.41 j
17000	<0.53	0.46 j
20000	<0.61	0.57 j
20000	<0.57	2.2
35000	<0.59	2
24000	<0.55	1.6
69000	0.76	1.8
13000	<0.54	0.71
22000	<0.57	0.82
16000	<0.56	1
47000	<0.58	0.49 j
36000	<0.62	1.3
17000	<0.69	1.2
47000	<0.63	0.99
26000	<0.59	0.83
29000	<0.61	1.3

13000	<0.57	0.62
35000	<0.55	1.4
14000 M	0.45 j,M	**7.8**
32000	<0.52	0.78
71000	<0.64	2
17000 M	<0.54 M	0.46 j
47000	<0.49	1.9
19000	<0.41	0.68
61000	<0.48	1.3
32000	<0.54	0.59
31000	<0.48	0.45 j
31000	<0.43	0.41 j
70000	<0.64	2.8
36000	<0.56	1
53000	<0.58	0.66
16000	<0.45	0.25 j
19000	<0.53	1.2
36000 M	<0.53 M	0.3 j
37000	<0.49	1.4
19000	<0.51	0.38 j
48000	<0.52	0.85
30000	<0.5	0.91
15000	<0.45	0.33 j
34000	<0.44	0.62
19000	<0.45	0.4 j
48000	<0.68	0.45 j
13000	<0.46	0.44 j
33000	<0.53	0.49 j
19000	<0.52	1.4
24000	<0.51	0.47 j
16000	<0.54	3.2

11600	<6.4	<6.4
10600	<5.8	3.7 j
NA	NA	NA
7800	<2.8	<2.8

mg/kg	mg/kg	mg/kg	mg/kg
580	**63**	**45**	**3**
222	**0.8**	**3**	**0.02**

Barium	Beryllium	Boron	Cadmium
84.8	0.29	3.7 j	<0.48
67	0.36	4.7	<0.56
103	0.58	6.7	<0.5
177	0.17 j	<15.3	<0.73
291	3.8	**68.3**	0.28 j
202	1.5	34.5	<0.5
367	2.9	**46.5**	0.35 j
94.3	0.38	11.7 j	<0.76
17.1	<0.28	<14.2	<0.68
250	0.68	<17.5	<0.84
218	0.24 j	<16.2	<0.78
227	3.1	36.9	0.25 j
71.4	0.41	14.9	<0.71
262	1.2	32.4	<0.42
94.5	0.91	22.4	<0.9
110	1.2	<14.7	<0.35
193	0.51	6.4	<0.57
373	2.6	25.5 j	0.26 j
192	0.25	<3.7	<0.45
52.4	0.14	<3.3	<0.4
206	1.9	12.2	<0.44
143	0.22	6.4	<0.4
220	1.3	18.1	<0.45
58.4	0.15	<3	<0.35
57.5	0.12	5.9	<0.31

43.3	0.14	5.8	<0.3
213	3.8	32.6	0.3 j
218	1.9	**71**	<0.5
196	2.5	25.4	0.2 j
78.3	0.27	9.6	<0.37
43.3	<0.3	<14.8	<0.71
57.4	0.43	24.7	<0.71
87.8	0.15 j	<14.3	<0.69
110 M	0.51	<5.7 M	<0.024
33	0.29	<2.5	<0.022
130	0.5	1.4 j	<0.03
120	0.57	1.3 j	<0.028
77	0.96	<2.4	<0.024
220	0.74	1.2 j	<0.028
130	0.71	<2.8	<0.027
130	0.54	0.98 j	<0.022
48	0.4	2.7	<0.026
97	0.26	1.2 j	<0.026
160	0.34	1.1 j	<0.026
110	0.59	<2.1	<0.024
48	0.31	<2.7	<0.025
23	0.37	<1.9	<0.019
29	0.55	<2.9	<0.02
22	1.2	<2.4	<0.024
26	0.4	<2.1	<0.02
91	0.63	<7.8	0.032 j
85	0.75	<5.2	0.1 j
73	0.62	<5.3	0.073 j
92	0.54	<5.1	0.043 j
75	0.55	<5.4	0.031 j
100	0.68	<5.2	0.044 j
94	0.84	<5.7	0.15
38	0.28	<5.6	0.15
75	0.27	<5	<0.13
130	0.69	<5.6	0.089 j
90	0.58	1.3 j	0.064 j
91	0.33	<2.6	0.028 j
130	0.4	<5.4	<0.14

87	0.41	<2.8	<0.14
82	0.56	<6.2	0.031 j
68	0.37	<6.2	<0.16
82	0.47	<4.9	0.039 j
50	0.46	<2.7	<0.14
91	0.47	<5.6	<0.15
140	0.66	<5.8	<0.15
110	0.36	<2.2	<0.12
190	0.38	<4.6	<0.12
229	0.23	<3.5	<0.43
240	0.29	<4.7	<0.12
69.4	0.84	<16.2	<0.39
258	0.33	<2.8	<0.34
68.9	0.31	15.9	<0.71
78.6	0.21 j	<12.6	<0.61
166	0.16 j	<12.8	<0.61
64	<0.3	<14.9	<0.71
111	<0.33	<16.3	<0.78
204	0.21	<2.8	<0.34
66.1	0.11	<2.6	<0.32
74.9	0.17	10.5	<0.38
59	0.37	26.9	<0.36
51.9	0.52	16.9	<0.33
45.7	0.5	23.4	<0.33
87.5	0.76	<19.5	<0.94
52.7	0.28 j	<17.2	<0.83
49.3	0.23 j	<13.1	<0.63
128	1.1	<14.2	<0.68
128	0.29 j	<18.3	<0.88
42.3	0.45	<18	<0.86
40.6	0.24	10.9	<0.15
158	0.1	11.3	<0.16
149	0.24 j	<14.2	<0.68
28.7	0.092	8.9	<0.16
102	0.14	9.2	<0.14
71.3	0.14 j	<3.1	<0.15
170	0.11 j	<2.6	<0.12
198	0.25	<2.8	<0.13

81.4	0.48	30.9	<0.79
61.7	<0.32	26.8	<0.78
86.1	<0.27	21.8	<0.65
210	0.43	<14.9	<0.72
150	0.32	<15.5	<0.74
84.3	0.32	17.9	<0.61
28.8	0.17 j	<17.1	<0.82
31.3	0.22 j	<15	<0.72
18.4	0.18 j	<15.3	<0.73
65	0.25	<2.4	<0.13
99	0.38	<5.3 M	<0.14
190	0.5	5.7	<0.15
120	0.53	<5.5	<0.14
100	0.38	2.6 j	<0.14
59	0.58	4.5	<0.15
180	0.41	<5.2	<0.14
71	0.83	<4.9	<0.13
140	0.26	2.4 j	<0.13
41	0.37	<2.9	<0.15
44	0.33	<2.8	<0.14
48	0.44	1.5 j	<0.15
85	0.39	1.4 j	<0.14
72	0.45	1.6 j	<0.15
43	0.44	1.3 j	<0.14
77	0.43	1.7 j	<0.16
77	0.49	3	0.033 j
59	0.84	<5.9	<0.15
93	0.56	<8.3	<0.14
170	0.89	<9	<0.16
62	0.45	1.4 j	<0.14
84	0.43	3	<0.15
81	0.45	2.1 j	<0.15
66	0.61	<5.8	<0.15
73	0.5	<3.1	<0.16
130	1.3	<3.4	<0.18
62	0.58	<3.2	<0.16
74	0.53	<3	<0.15
82	0.56	<3.1	<0.16

47	0.29	1.6 j	<0.15
95	0.73	<8.2	<0.14
78	0.63	2.1 j	0.17
84	0.5	<7.8	<0.14
170	1.2	<16	<0.17
59	0.34	0.92 j	<0.14
88	0.65	2.1 j	<0.13
61	0.37	0.89 j	<0.11
160	0.74	2.1 j	<0.12
150	0.49	<5.4	<0.14
120	0.35	<4.8	0.024 j
210	0.44	1.9 j	<0.11
250	0.97	<6.4	<0.17
85	0.47	<5.6	<0.15
200	0.64	<5.8	<0.15
58	0.26	1 j	<0.12
70	0.44	<5.3	0.028 j
290	1.5	<5.4	<0.14
42	0.45	<4.9	<0.13
75	0.46	1.6 j	<0.13
170	0.62	1.1 j	<0.14
81	0.49	1.4 j	<0.13
64	0.28	<2.2	<0.12
100	0.56	<2.2	<0.11
58	0.43	1.3 j	<0.12
180	0.85	<6.8	0.058 j
29	0.27	2.7	<0.12
130	0.34	<5.3	<0.14
110	0.52	2.1 j	0.037 j
200	0.48	<2.6	<0.13
55	0.7	<4.8	0.064

175	0.24 j	<15.9	<0.77
78.1	0.41	20.5	<0.7
NA	NA	NA	NA
53.5	0.11	<2.8	<0.33

mg/kg	mg/kg	mg/kg
NE	NE	3.8
3113	11.8	10.7

Calcium	Chloride	Chromium (VI)
242	<408	NA
320	<458	NA
422	<407	NA
1360	<297	NA
3560	<403	NA
2400	629	NA
2720	412	NA
1180	<307	NA
78.8 j	<279	NA
2510	<348	NA
3250	<301	NA
3150	<310	NA
811	<301	NA
1610	<356	NA
8480	<387	NA
4490	<291	NA
1710	<469	NA
2820	<347	NA
4330	<366	NA
1550	<318	NA
1660	<375	NA
433	<344	NA
1950	<366	NA
376	<298	NA
465	<264	NA

1700	<256	NA
2270	<387	NA
5210	<419	NA
1570	<319	NA
8040	<292	NA
356	<278	NA
7890	<285	NA
11100	<275	NA
2000 M	3 j	NA
460	7.2 j	NA
160 j	7.9 j	NA
250 j	11 j	NA
460	45	NA
1100	5.5 j	NA
1200	3.9 j	NA
850	1.3 j	NA
720	6 j	NA
590	29	NA
1100	2.8 j	NA
2000	2.2 j	NA
610	7.1 j	NA
230	1.8 j	NA
580	2.2 j	NA
660	5.3 j	NA
480	2.7 j	NA
13000	4 j	NA
12000	2.3 j	NA
9500	2.6 j	NA
8100	2.9 j	NA
9700	16	NA
6500	4.6 j	NA
8800	20	NA
11000 M	21	NA
11000	3.9 j	NA
8700	7.3 j	NA
6900	4.4 j	NA
7400	4.4 j	NA
9000	2.6 j	NA

8200	3.8 j	NA
7100	6 j	NA
11000	6.1 j	NA
9400	<11	NA
9600	<11	NA
12000	<11	NA
8900	<12	NA
830	2.3 j	<1.1
1400	2.3 j	<1.1
4330	<339	NA
7800 M	4.2 j	NA
2320	<321	NA
2930	<274	NA
8110	<275	NA
7320	<247	NA
5500	<258	NA
4720	<300	NA
5840	<330	NA
3960	<279	NA
4060	<267	NA
4850	<320	NA
1210	<309	NA
3310	<280	NA
4940	<279	NA
2100	<371	NA
846	<336	NA
1830	<263	NA
11200	<283	NA
4270	<356	NA
723	<359	NA
4440	<316	NA
4330	<325	NA
3300	<284	NA
153	<322	NA
3890	<299	NA
593	<300	NA
2810	<254	NA
6340	<286	NA

2160	<335	NA
13600	<312	NA
13500	<265	NA
1530	<290	NA
4150	<314	NA
5300	<250	NA
354	<331	NA
581	<292	NA
670	<296	NA
1900	3 j	NA
6800 M	4.9 j	NA
5200	4.7 j	NA
11000	3.5 j	NA
6700	9.8 j	NA
14000	3.9 j	NA
7300	3.7 j	NA
1700	7.8 j	NA
7300 M	2.5 j	NA
810	<13	NA
920	<12	NA
490	<13	NA
1100	2.1 j	NA
1100	2.4 j	NA
970	8.3 j	NA
1300	15	NA
1300	<13	NA
560	<13	NA
1900	<13	NA
4200	3.3 j	NA
510	<13	NA
740	4.2 j	NA
820	<13	NA
8500	<13	NA
570	7.9 j	NA
420	<14	NA
290 j	<13	NA
970	<13	NA
2700	<13	NA

1200	3.5 j	NA
780	<12	NA
2000 M	6 j	NA
3500	<13	NA
1600	3.5 j	NA
1400 M	<12	NA
1500	<12	NA
1100	<12	NA
1100	52	NA
3800	<12	NA
5500	<12	NA
3600	3.9 j	NA
2600	4.7 j	NA
3600	<13	NA
3900	<12	NA
1600	<12	NA
2600	<13	NA
7200 M	280	NA
230 j	10 j	NA
470	<12	NA
690	<12	NA
840	<12	NA
760	<12	NA
840	<12	NA
590	<12	NA
7300	<14	NA
370	3.7 j	NA
4900	<12	NA
5400	8.7 j	NA
2300	<11	NA
1000	2.6 j	NA

3510	<310	NA
30500	<284	NA
NA	NA	NA
3990	<282	NA

mg/kg	mg/kg	mg/kg	mg/kg
3.8	**0.9**	**700**	**150**
10.7	**11.3**	**114**	**27147**

Chromium	Cobalt	Copper	Iron
2.1	<4	5.3	**1560**
5.6	<4.7	6.8	**1790**
7.2	**3.5 j**	10.4	**2260**
11	**8**	7.2	**13800**
22.3	**15.5**	39.7	**4130**
12.2	**6.3**	20	**3850**
17.9	**10.8**	33.2	**4330**
19.2	**6 j**	24	**13300**
1.3 j	<5.7	4.4	**964**
9.3	**13.6**	14.8	**28600**
25.7	**15.5**	44.6	**21600**
22.3	**13.7**	55.9	**4280**
15.9	**33**	12.3	**20100**
14.5	**5.6**	20.3	**7460**
24.9	**28.1**	88.8	**34000**
18.1	**20.9**	49.8	**14700**
4.4	**2.4 j**	6.9	**3610**
33.9	**9**	38.9	**11200**
18.5	**13**	20.2	**16000**
4.2	**5.7**	17.7	**6570**
18.8	**13.2**	30.6	**11500**
3	**2.6 j**	25.8	**2510**
15	**8.7**	22.9	**8000**
0.65	**1.7 j**	0.63	**7390**
2.7	**1.7 j**	2.6	**6390**

10.6	**5.1**	15	**6780**
23.7	**14**	47.5	**7310**
24.2	**6.2**	31.4	**4420**
22.8	**10.3**	36.8	**7360**
4.4	**10.6**	36.8	**11800**
4.7	<5.9	33	**13800**
33.3	**27.7**	92.4	**23700**
30.9	**19.4**	137	**25500**
39 M	**19**	74	**35000 M**
4.5	**5.5**	11	**7100**
4.3	**4.6**	38	**21000**
4.1	**28**	29	**21000**
4.1	**8.7**	60	**14000**
2	**14**	90	**23000**
7.3	**8.9**	6.6	**17000**
3	**7.1**	2.5	**15000**
22	**3.9**	15	**21000**
9	**6.6**	69	**22000**
7.4	**8.5**	32	**19000**
3.8	**8**	69	**15000**
15	**5**	14	**15000**
6.9	**2.2**	10	**9700**
4.3	**3.3**	13	**12000**
5.2	**4.3**	19	**9900**
1.8	**1.6**	5.6	**7200**
53	**14 M**	130 M	**45000 M**
50	**17**	97	**34000**
38	**12**	68	**33000**
37	**15**	67	**31000**
62	**16**	57	**35000**
58	**28**	57	**40000**
17	**18**	89	**49000**
23 M	**16 M**	120 M	**34000 M**
110	**11**	110	**27000**
46	**18**	74	**36000**
31	**13**	57	**24000**
38	**13**	59	**25000**
41	**13**	72	**35000**

36	**12**	48	**26000**
57	**20**	96	**49000**
130	**14**	99	**38000**
38	**15**	58	**33000**
34	**11**	56	**25000**
40	**16**	89	**39000**
36	**18**	73	**41000**
57	**4.3**	9.3	**22000**
13	**7.4**	36	**27000**
4.2	**13.1**	70.9	**14800**
6.3	**10**	98	**28000 M**
101	**15.8**	49.9	**18500**
5.1	**13.8**	50.4	**18000**
13.8	**13.5**	28.5	**17200**
46.6	**12.5**	49.9	**16100**
27.9	**14.3**	47.1	**19100**
81.8	**13.7**	29.8	**13800**
8.3	**10.3**	28.9	**14900**
5.2	**11.7**	22.4	**14400**
32.9	**16.6**	43.2	**8690**
3.8	**8.8**	50.7	**13400**
37.3	**22.2**	19.7	**22700**
4.4	**8**	3.6	**15800**
97.4	**16.6**	54.3	**20200**
24.1	**21.4**	77.3	**49400**
1.5 j	**3.5 j**	20.2	**11200**
0.82 j	**4.6 j**	2.4	**10200**
17.4	**15.3**	0.78 j	**20500**
9.6	**10**	41.5	**20100**
10.7	**5.6 j**	10.9	**31400**
15.7	**17.4**	21.3	**15500**
13	**12.6**	58.7	**16600**
10.5	<5.7	31.3	**16500**
4.2	**1.9**	6.8	**13200**
8.7	**8.1**	41	**13100**
4.1	**5.3**	11.1	**16100**
9	**8.6**	23.1	**12600**
54	**15.8**	17.7	**15200**

120	**26.3**	49.7	**50500**
55.4	**58**	83.7	**40300**
36.4	**45.8**	85.8	**34900**
10.6	**20.7**	84.1	**23700**
2.5	**5.8 j**	46.7	**24600**
4.8	**5.7**	5.7	**19800**
2.8	<6.9	2.1	**7680**
1.9	<6	4.8	**7000**
1.3 j	<6.1	22.4	**3410**
2.8	**3.5**	26	**11000**
39	**18 M**	72 M	**34000 M**
59	**11**	41	**25000**
26	**13**	61	**35000**
14	**7.4**	35	**23000**
29	**11**	100	**24000**
36	**13**	73	**28000**
30	**9.5**	13	**30000**
200	**12 M**	99 M	**21000 M**
14	**2.5**	3.8	**11000**
10	**2.2**	3	**12000 M**
23	**10**	8.3	**16000**
12	**7.5**	11	**14000**
15	**9.1**	14	**14000**
12	**8.6**	17	**17000**
16	**16**	16	**17000**
74	**60**	17	**29000**
67	**50**	33	**41000**
70	**42**	24	**36000**
88	**37**	71	**68000**
25	**9.7**	6.2	**10000**
11	**6.6**	7.3	**13000**
17	**5**	14	**14000**
74	**25**	92	**41000**
32	**7.7**	15	**20000**
42	**7.7**	6.9	**15000**
62	**3.4**	20	**24000**
21	**9.3**	17	**21000**
51	**24**	42	**29000**

32	**15**	7.7	**12000**
52	**25**	28	**30000**
48	**23**	32	**18000 M**
59	**28**	71	**35000**
88	**39**	96	**61000**
24	**19**	23	**19000**
41	**29**	42	**44000**
19	**12**	21	**18000**
26	**13**	49	**39000**
32	**16**	63	**33000**
55	**18**	81	**36000**
28	**13**	39	**32000**
180	**53**	50	**62000**
36	**17**	74	**33000**
13	**18**	110	**38000**
13	**11**	19	**17000**
24	**18**	30	**30000**
2.1	**21**	24	**38000 M**
21	**5.5**	30	**37000**
6	**6.1**	8.5	**11000**
8	**5.9**	9.8	**22000**
11	**10**	71	**20000**
6.9	**6.9**	8.3	**12000**
9.4	**12**	8.9	**21000**
13	**10**	8.1	**12000**
29	**25**	87	**45000**
1.3	**0.97**	1.4	**4700**
37	**12**	59	**31000**
19	**9.6**	47	**24000**
9.4	**19**	16	**24000**
34	**44**	14	**27000**

24.8	**16.3**	40.6	**20900**
13.2	**12.4**	37.2	**18600**
NA	NA	NA	NA
36.4	**14.5**	40.6	**9160**

mg/kg	mg/kg	mg/kg
270	**NE**	**65**
7	**6490**	**405**

Lead	Magnesium	Manganese
<4	89.8	5.7
<4.7	135	8.4
2.5 j	183	12.6
<6.1	5340	**232**
24.7	816	36.7
8	639	38.3
17.6	739	42.6
<6.3	2320	**182**
<5.7	<142	2.9
<7	8260	**316**
<6.5	7800	**414**
20.2	643	37.3
13.2	1110	**1240**
8	662	43.3
<7.5	5290	**413**
5.1	3730	**123**
<4.8	413	28.4
20.5	1140	**92.6**
2 j	8470	**321**
3.1 j	2450	**127**
14.4	2500	**139**
<3.3	167	7.5
11	863	42.7
1.8 j	2050	**136**
1.7 j	1800	**130**

3.6	2860	**137**
19.2	1010	51.8
15.2	1530	48.9
14	993	61
2.6 j	5060	**87.5**
4.3 j	2010	**70.1**
3.9 j	6850	**280**
<5.7	9350	**250**
5.1	12000	**200 M**
2.3	1600	46
3.8	4000	**160**
5.6	4100	**360**
2.4	2700	**110**
1.9	5900	**310**
1.4	6600	**230**
1.2	5000	**270**
7.9	960	**78**
4.5	5100	**97**
2.1	5400	**120**
1.1	4300	**110**
5.3	1800	47
3.6	950	39
5	1400	**82**
3.4	960	**73**
2.7	980	61
2	8600 M	**410 M**
5.6	11000	**720**
4.8	8700	**470**
3.9	8900	**460**
4.2	11000	**520**
10	6800	**1400**
4.3	9300	**690**
2.7	8500 M	**510 M**
2.3	11000	**650**
5.9	9800	**550**
4.2	7500	**440**
3.2	8600	**500**
3	10000	**610**

4.4	8800	**470**
4.3	7300	**690**
3.2	11000	**480**
4.9	8100	**610**
2.7	7900	**440**
2.9	10000	**580**
2.9	9900	**600**
1.1	4300	**150**
1.3	8100	**280**
<3.5	8550	**289**
0.6	9300 M	**440 M**
<3.2	5600	**545**
<2.8	9990	**225**
3.5 j	3240	**405**
<5	8170	**211**
<5.1	10100	**328**
<5.9	8160	**284**
<6.5	6320	**156**
<2.8	9940	**235**
<2.6	6080	**233**
<3.2	4420	**137**
6.1	1980	**663**
3.6	4910	**426**
2.1 j	10600	**364**
4.1 j	3610	**358**
<6.9	2920	**87.4**
<5.2	2910	**222**
6	14300	**496**
<7.3	5110	**322**
6.7 j	1530	57.8
5.3	3650	**530**
<1.4	8760	**245**
<5.7	7690	**269**
3.1	2970	51.5
<1.2	4020	**132**
4.8	4960	**79.4**
<1	6490	**238**
<1.1	13100	**290**

8.5	3340	**230**
<6.5	30900	**488**
<5.4	25400	**436**
<6	6440	**168**
<6.2	5370	**245**
<5.1	5920	**315**
<6.9	580	39.1
<6	686	**353**
<6.1	708	**175**
2.1	2600	**260**
1.8	7600	**450 M**
2.4	9600	**330**
3	10000	**500**
2.1	6700	**300**
3.6	7900	**420**
1.8	9900	**480**
9.3	2200	**510**
1.2	10000 M	**360 M**
4.2	1500	**110**
4.1	1600	**330 M**
6.3	950	**490**
4.6	2000	**460**
4.8	1900	**530**
3.1	1900	**190**
4.1	2300	**410**
9.7	1900	**1600**
8.6	1400	**1500**
5.3	2500	**2300**
7	7000	**790**
5.3	610	**320**
4.4	2200	**380**
4.2	1600	**240**
2.1	14000	**600**
5.6	1900	**100**
7.1	710	**710**
6.7	2100	**87**
4.9	2400	**180**
4.8	3400	**510**

4.9	740	**360**
6.6	2400	**390**
7.3	2400 M	**400 M**
2.9	5700	**680**
9.2	6200	**920**
3.8	2600	**510 M**
7.6	3200	**750**
4.1	2700	**330**
8	6300	**140**
4.2	9000	**310**
2.6	8300	**490**
2.4	10000	**380**
22	8400	**2800**
5.8	5100	**420**
3.3	9900	**350**
2.7	2800	**300**
5.9	4000	**570**
4.7	13000 M	**380 M**
10	960	**98**
5.6	1100	**320**
8.7	4100	**310**
6.5	3000	**200**
3.6	2300	**270**
7.5	5200	**300**
6.8	900	**670**
4.5	12000	**660**
3.8	560	20
2.1	8500	**320**
3.6	6300	**310**
2.2	9300	**380**
14	980	**700**

<6.4	7900	**471**
3.4 j	3590	**399**
NA	NA	NA
<2.8	5940	**223**

mg/kg	mg/kg	mg/kg
1	**7.1**	**130**
0.08	**2.8**	**7**

Mercury	Molybdenum	Nickel
<0.013	<0.8	3.6
<0.015	0.98	5.1
0.014	1.2	7.6
<0.01	<3.1	5.9
0.4	**9.8**	21.1
0.17	4.8	10.6
0.37	4.9	16.5
<0.01	<3.1	6.6
0.013	<2.8	0.95 j
0.021	<3.5	8.7
<0.0094	<3.2	31.6
0.04	2	20.2
0.04	<3	4.3
0.11	2.7	10.4
<0.012	<3.7	15.4
0.024	<0.59	23.8
0.027	0.5 j	5.2
0.17	1.5	16.6
<0.011	0.68 j	17.6
<0.011	0.74	3.4
0.18	7.1	16.4
0.013	2.3	5.2
0.068	**16.9**	12.7
<0.0099	<0.59	0.48
<0.0086	0.32 j	0.98

<0.0086	<0.51	10.6
0.4	1.9	21.9
0.33	4.9	11.5
0.29	5	17
<0.0094	<0.62	5.3
0.011	<3	1.3 j
<0.0096	2.6 j	17.6
<0.009	<2.9	16
<0.092	0.63 j,M	18 M
<0.087	<2	2.1
<0.1	0.62 j	1.7 j
<0.097	<2.1	1.9 j
<0.091	<1.9	2
<0.095	<2.2	<2.2
<0.095	<2.2	3.3
<0.083	<1.8	2.2
0.03 j	0.58 j	3.3
<0.084	0.61 j	4.2
<0.089	<2	4.4
<0.084	<1.7	3.4
<0.08	<2.1	4
<0.086	<1.5	1.3 j
<0.088	<2.3	1.6 j
<0.076	<1.9	1.8 j
<0.084	<1.7	<1.7
<0.092	M	29
<0.086	1.4 j	30
<0.091	<2.1	20
<0.089	<2	23
<0.085	<2.2	45
<0.097	<2.1	22
<0.09	<2.3	14
<0.088	M	12
<0.076	<2	43
<0.087	<2.2	28
0.038 j	<2.2	20
<0.085	<2.1	20
<0.088	<2.2	18

<0.087	<2.2	19
<0.092	<2.5	40
<0.099	<2.5	56
<0.085	<2	18
<0.087	<2.1	22
<0.083	<2.2	26
<0.098	<2.3	22
<0.08	**9.9**	3
<0.076	<1.8	7.3
<0.011	<0.71	3.3
<0.082	<1.9	5.7
0.014	<0.65	17
<0.0091	<0.57	4.4
0.036	<2.9	6
<0.0081	<2.5	21.1
<0.0083	<2.6	23.6
<0.01	<3	26.1
<0.011	<3.3	8.3
<0.0087	<0.56	4.8
<0.0087	<0.53	34
<0.01	<0.63	8
0.016	<3	6.7
<0.0089	<2.7	9.4
<0.009	<2.7	59.2
0.038	<3.9	5.9
<0.011	<3.4	2.9
<0.0086	<2.6	1.4
<0.0092	<2.8	34.7
<0.012	<3.7	3.5
0.018	<3.6	1.8 j
0.0054 j	<0.64	11.7
<0.011	<0.68	12.2
0.0044 j	<2.8	16.6
<0.011	<0.65	1.4
<0.01	<0.6	4.4
0.011	<0.62	3.4
<0.0084	<0.51	6.5
<0.0089	<0.55	53.7

0.027	<3.3	58.7
<0.0098	<3.2	**222**
<0.0088	<2.7	**176**
<0.0092	<3	9.1
<0.01	<3.1	1.2 j
<0.0081	<2.5	7.9
<0.011	<3.4	<1.7
<0.0092	<3	<1.5
<0.0098	<3.1	<1.5
<0.081	<1.9	3.2
<0.087	<2.1	35
<0.098	<2.3	33
<0.091	<2.2	21
<0.096	<2.2	6.9
<0.095	<2.3	15
<0.084	<2.1	20
0.066 j	<2	11
<0.085	<2.1	59
<0.095	<2.3	4.9
<0.085	<2.3	3.3
<0.095	<2.3	5.1
<0.095	<2.1	7.4
<0.091	<2.3	9.6
<0.09	<2.1	7.1
<0.099	<2.4	8.2
<0.1	<2.3	27
<0.1	<2.4	17
<0.093	<2.2	21
0.031 j	<2.4	76
<0.097	<2.1	12
<0.1	<2.3	7.3
<0.11	<2.3	7.9
<0.11	<2.3	47
<0.098	<2.5	22
<0.11	<2.7	12
0.08 j	<2.5	14
<0.098	<2.4	9.7
<0.099	<2.4	20

<0.1	<2.3	11
<0.095	<2.2	47
<0.11	6.8	17
<0.098	<2.1	28
0.043 j	<2.6	39
0.032 j	<1.7	15
0.043 j	<2	24
0.038 j	<1.7	11
0.07 j	<1.9	16
0.027 j	<2.2	25
0.021 j	<1.9	43
0.024 j	<1.7	20
0.056 j	<2.5	63
0.047 j	<2.2	22
0.039 j	<2.3	25
0.023 j	<1.8	9.2
0.028 j	<2.1	12
<0.083	<2.2	7.8
0.068 j	<1.9	6.5
<0.094	<2	4
0.084 j	<2.1	5.3
0.023 j	<2	7.7
0.029 j	<1.8	5.9
0.03 j	<1.8	7.7
0.029 j	<1.8	7.7
0.036 j	<2.7	51
<0.09	1.2 j	0.93 j
0.025 j	<2.1	15
0.042 j	0.99 j	13
<0.09	<2.1	8.6
0.051 j	0.54 j	4.4

<0.01	<3.2	35.1
0.058	<2.9	7
NA	NA	NA
<0.0091	<0.55	34.9

mg/kg	mg/kg	mg/kg
NE	**NE**	**2.1**
0.7	**9465**	**1.6**

Nitrate (as N)	Potassium	Selenium
<40.8	177	<4
<45.8	227	<4.7
<40.7	316	**2.6 j**
<29.7	4490	<6.1
<40.3	1540	**38**
<39.6	842	**17.5**
<38.2	1250	**28.5**
<30.7	1240	<6.3
<27.9	<284	<5.7
<34.8	3380	<7
<30.1	2400	<6.5
<31	1030	**8.9**
<30.1	<296	<5.9
<35.6	1250	**10.3**
<38.7	<375	<7.5
<29.1	654	**5.4**
<46.9	535	<4.8
<34.7	2190	**12.3**
<36.6	4490	<3.7
<31.8	773	<3.3
<37.5	1930	**4.3**
<34.4	337	**2.4 j**
<36.6	1590	**11.3**
<29.8	1200	<3
<26.4	1350	<2.6

<25.6	336	<2.5
<38.7	1230	**10.8**
<41.9	1920	**8.2**
<31.9	1220	**22.7**
<29.2	722	<3.1
<27.8	995	<5.9
<28.5	807	**5.2 j**
<27.5	1000	<5.7
0.16 j	1900 M	1.2 j
0.12 j	540	0.3 j
0.47	3000	0.35 j
0.08 j	2500	1.1 j
0.35	1400	1.1 j
0.064 j	5500	0.99 j
0.054 j	6500	0.33 j
0.038 j	5300	0.49 j
0.32	260 j	0.31 j
0.47	1600	0.53 j
0.066 j	3000	0.57 j
0.095 j	2300	0.74 j
0.28	440	0.65 j
0.057 j	430	0.37 j
0.071 j	560	0.38 j
0.14 j	360	0.74 j
0.065 j	600	1
<0.23	810	<1.4
0.14 j	1900	<1.4
0.2 j	1500	<1.4
0.12 j	1800	<1.3
0.11 j	1500	<1.4
<0.24	1600	<1.4
0.14 j	2100	<1.5
0.13 j	1200	M
<0.21	2400	<1.3
0.21 j	2700	1.4 j
0.35	1900	1.4
0.61	2100	<1.4
0.19 j	2600	<1.4

0.28	2300	<1.4
0.17 j	550	<1.6
<0.25	870	<1.6
0.17 j	1700	1.5
0.18 j	1400	<1.4
0.12 j	1800	<1.5
0.12 j	1900	<1.5
<0.21 M	3700	<1.2
0.17 j,M	7500	<1.2
<33.9	4860	<3.5
0.17 j	5800 B	<1.2
<32.1	70.1	<3.2
<27.4	7310	<2.8
<27.5	506	<5.9
<24.7	1610	<5
<25.8	4060	<5.1
<30	833	<5.9
<33	3660	<6.5
<27.9	6810	<2.8
<26.7	283	<2.6
<32	623	<3.2
<30.9	209 j	<3
<28	239 j	<2.7
<27.9	240 j	<2.7
<37.1	<390	<7.8
<33.6	206 j	<6.9
<26.3	836	<5.2
<28.3	5680	<5.7
<35.6	979	<7.3
<35.9	<359	<7.2
<31.6	273	<1.3
<32.5	4330	<1.4
<28.4	3420	<5.7
<32.2	384	<1.3
<29.9	2320	<1.2
<30	1110	<1.2
<25.4	4830	<1
<28.6	3860	<1.1

<33.5	244 j	<6.6
<31.2	671	<6.5
<26.5	832	<5.4
<29	1970	<6
<31.4	3240	<6.2
<25	857	<5.1
<33.1	281 j	<6.9
<29.2	731	<6
<29.6	486	<6.1
<0.21 M	1700	<1.3
0.19 j	770	<1.4 M
<0.24	3300	<1.5
0.26	930	<1.4
0.17 j	1700	<1.4
<0.23	660	<1.5
<0.23	3100	0.73 j
<0.23	440	0.48 j
<0.22	2700 M	<1.3
<0.26	1000	<1.5
<0.24	900	<1.4
0.14 j	380	0.61 j
<0.26	1200	<1.4
0.049 j	300	<1.5
0.23 j	260 j	<1.4
<0.25	790	<1.6
<0.25	540	0.66 j
0.87	340	<1.5
<0.26	360	0.73 j
<0.27	860	0.83 j
0.16 j	450	<1.4
<0.25	1700	<1.5
<0.25	890	<1.5
<0.26	480	<1.5
0.17 j	2200	<1.6
<0.28	600	0.83 j
0.67	990	<1.6
0.23 j	1500	<1.5
<0.26	500	<1.6

<0.26	250 j	<1.5
<0.24	660	0.58 j
<0.29	540	**13**
<0.25	590	<1.4
<0.27	1000	0.88 j
0.3	350	<1.4
0.25	320	0.54 j
0.58	790	<1.1
<0.25	1900	<1.2
0.76	3300	0.68 j
1	1200	<1.2
0.9	5600	0.42 j
0.21 j	520	0.69 j
0.85	380	<1.5
0.22 j	3600	<1.5
0.41	500	<1.2
0.22 j	430	0.5 j
0.45	7300	0.57 j
0.23 j	320	<1.3
0.2 j	660	<1.3
0.22 j	3000	<1.4
0.19 j	1500	<1.3
0.38	490	<1.2
0.2 j	600	0.41 j
0.17 j	290	<1.2
0.41	840	0.85 j
0.2 j	910	<1.2
1.8	1200	<1.4
1.1	2700	1 j
0.2 j	6900	<1.3
0.17 j	240	0.83 j

<31	2140	<6.4
<28.4	706	**3.3 j**
NA	NA	NA
<28.2	262	<2.8

mg/kg	mg/kg	mg/kg	mg/kg
3.4	**NE**	**1500**	**NE**
NE	**456**	**39**	**11**

Silver	Sodium	Strontium	Sulfate
NA	<79.6	11.2	<408
NA	<93.7	14.2	<458
NA	48 j	23.6	<407
NA	168 j	12	<297
NA	332	162	4940
NA	135	82.2	699
NA	203	158	1460
NA	307 j	8.5	<307
NA	<284	4.3	<279
NA	<351	19.5	342 j
NA	<325	34.6	422
NA	166	191	2980
NA	<296	11.3	<301
NA	245	81.1	817
NA	261 j	41.8	<387
NA	163	42.9	2550
NA	132	59.3	249 j
NA	329	152	391
NA	200	43.5	246 j
NA	161	17.1	280 j
NA	205	97.4	<375
NA	70.5	22.8	360
NA	274	109	555
NA	110	8.8	<298
NA	258	10.3	<264

NA	302	12.8	<256
NA	158	123	575
NA	441	191	1130
NA	148	98.4	398
NA	149	40.7	<292
NA	184 j	6	<278
NA	1050	41.1	<285
NA	790	65.2	<275
NA	700	29 M	<11
NA	220 j	7.9	<11
NA	91 j	7.7	13
NA	130 j	10	<12
NA	98 j	14	<11
NA	90 j	21	<12
NA	100 j	23	<12
NA	96 j	18	<11
NA	<530	11	19
NA	180 j	16	28
NA	320	31	<11
NA	330	29	<10
NA	110 j	9.9	7.6 j
NA	120 j	4.6	<11
NA	210 j	9	<12
NA	270	8.6	<11
NA	150 j	10	<10
NA	680	100 M	17
NA	460	91	<11
NA	560	58	<11
NA	440	47	<11
NA	700	61	140
NA	350	44	25
NA	610	71	270
NA	1200	53 M	180
NA	580	56	13
NA	490	51	31
NA	410	44	15
NA	490	41	<11
NA	530	44	23

NA	530	52	12
NA	510	54	<13
NA	1000	37	9.2 j
NA	520	54	<11
NA	550	57	<11
NA	830	69	<11
NA	550	44	<12
0.79	290	16	<11
1.2	310	25	<11
NA	207	20.3	<339
NA	640 B	28	24
NA	373	27.5	<321
NA	405	15.1	<274
NA	295	31.8	4920
NA	547	36.9	<247
NA	203 j	18.3	<258
NA	337	20	<300
NA	179 j	18.1	<330
NA	230	18.3	178 j
NA	299	31.9	<267
NA	440	25	<320
NA	<299	14.7	<309
NA	<273	29.9	<280
NA	<272	69.5	<279
NA	<390	20.2	<371
NA	235 j	14.6	<336
NA	221 j	13.7	<263
NA	211 j	97.2	<283
NA	210 j	41.9	<356
NA	<359	8.3	<359
NA	269	17.7	<316
NA	282	16.3	<325
NA	247 j	22.8	<284
NA	84.5	4.4	<322
NA	389	13.2	<299
NA	183	20.4	<300
NA	383	22.4	<254
NA	174	57.5	<286

NA	<331	18.2	<335
NA	2300	115	<312
NA	2040	246	<265
NA	250 j	23.2	<290
NA	202 j	19.5	<314
NA	183 j	18.8	<250
NA	<343	6.1	<331
NA	222 j	8	<292
NA	<306	6.7	<296
NA	65 j	19	<10
NA	660	30	<11
NA	380	54	130 M
NA	840	62	8 j
NA	440	39	42
NA	730	83	110
NA	400	63	390
NA	120 j	19	70
NA	610	47	53
NA	<290	11	24
NA	51 j	13	17 M
NA	<280	7.6	8.7 j
NA	<270	13	<13
NA	40 j	15	<13
NA	400	18	37
NA	44 j	14	7 j
NA	<290	14	<13
NA	<290	7.6	15
NA	60 j	21	<13
NA	120 j	23	22
NA	<270	6.1	23
NA	40 j	11	9.8 j
NA	53 j	12	12 j
NA	920	28	<13
NA	89 j	11	68
NA	<340	6.1	14
NA	<320	5.5	12 j
NA	62 j	11	13
NA	150 j	22	<13

NA	<280	11	7.7 j
NA	<270	11	24 M0,S1
NA	120 j	17	88
NA	260	25	<13
NA	46 j	21	45
NA	40 j	13	16
NA	<240	20	19
NA	29 j	12	11 j
NA	83 j	22	26
NA	200 j	23	<12
NA	320	28	7.5 j
NA	250	29	25
NA	130 j	24	37
NA	180 j	25	10 j
NA	270 j	28	23
NA	89 j	14	6 j
NA	160 j	17	12 j
NA	1100	71 M	41
NA	32 j	4.5	59
NA	<260	6.6	21
NA	<260	12	32
NA	<250	13	26
NA	<220	12	6.8 j
NA	<220	17	29
NA	<220	8.9	29
NA	410	69	<14
NA	<230	8.7	28
NA	260	32	23
NA	230 j	38	1200
NA	70 j	26	56
NA	50 j	8.3	<11

NA	<319	24.3	389
NA	187 j	64.9	14100
NA	NA	NA	NA
NA	293	24.8	<282

mg/kg	mg/kg	mg/kg
0.28	**NE**	**350**
0.15	**NE**	**69**

Thallium	Total Organic Carbon	Vanadium
<4	122000	4.2
<4.7	137000	5.6
<4.1	146000	10.3
<6.1	2210	31.5
<4.2	149000	84.3
<4.1	71600	31.4
<4	113000	65.6
<6.3	710 j	40.3
<5.7	142000	<5.7
<7	1570	70.7
<6.5	<748	51.2
<3.2	177000	69.4
<5.9	1610	95.2
<3.5	147000	32.9
<7.5	1570	128
<2.9	18700	59.5
<4.8	26200	12
1.7 j	75600	60.6
<3.7	579 j	50.8
<3.3	1030	19.2
<3.7	73900	66
<3.3	20800	8.5
<3.8	107000	42.2
<3	<717	6.1
<2.6	492 j	5.9

<2.5	<621	12.3
<3.9	103000	68.2
<4.2	97800	52.4
<3.1	51300	60.4
<3.1	365 j	37.6
<5.9	1110	26.9
3.9 j	<687	87.3
<5.7	<673	89.9
0.093 j	NA	120
0.062 j	NA	31
0.1 j	NA	43
0.083 j	NA	36
0.047 j	NA	39
0.12 j	NA	36
0.1 j	NA	37
0.11	NA	32
0.16	NA	64
0.049 j	NA	54
0.1 j	NA	48
0.04 j	NA	45
0.1 j	NA	47
0.055 j	NA	19
0.05 j	NA	20
0.045 j	NA	30
0.03 j	NA	9.6
<0.14	1060	86 M
0.072 j	32500	89
0.067 j	14700	79
0.056 j	7150	67
0.061 j	36900	79
0.11 j	106000	100
0.17	1380	110
<0.15	780	100 M
0.041 j	<998	55
0.12 j	10800	85
0.1 j	59900	61
0.066 j	15500	66
0.057 j	660	84

0.054 j	12800	67
0.054 j	3210	110
0.044 j	2420	83
0.076 j	50100	77
<0.14	1660	64
0.04 j	800	91
0.046 j	600	94
0.084 j	NA	29
0.084 j	NA	42
<3.5	474 j	58.8
0.076 j	NA	73 M
<3.2	994	123
<2.8	<657	88.9
<5.9	6380	60.5
<5	<614	43.7
<5.1	<622	49.8
<5.9	<743	29.4
<6.5	NA	40.5
<2.8	334 j	66
<2.6	<637	27.3
<3.2	<765	49.8
<6	1600	77.6
<2.7	411 j	37.7
<2.7	870	48.1
<7.8	4310	177
<6.9	436 j	21.8
<5.2	<643	21.6
<5.7	<685	43.1
<7.3	1480	73.6
<7.2	3900	94.7
<1.3	1630	55.3
<1.4	<781	50.2
<5.7	1550	38.8
<1.3	2400	30.4
<1.2	<742	59.3
<1.2	499 j	45.2
<1	<612	31
<1.1	<693	33.3

<6.6	5570	201
<6.5	<745	56.4
<5.4	<657	31
<6	<688	43.6
<6.2	<758	39.5
<5.1	<609	23
<6.9	1400	9.9
<6	<716	3.1 j
<6.1	<730	<6.1
0.045 j	NA	17
0.038 j	NA	81
0.12 j	1230	54
0.037 j	NA	100
0.05 j	800	63
<0.15	570	72
0.065 j	920	64
0.11 j	2940	75
0.094 j	650	55 M
0.067 j	1750	16
0.04 j	670	13
0.069 j	5170	45
0.074 j	6750	33
0.068 j	6220	42
0.036 j	7050	40
0.12 j	5590	55
0.11 j	3680	96
0.15	2520	140
0.12 j	4920	110
0.2	10600	150
0.11 j	3970	21
0.14 j	3560	19
0.087 j	7950	19
<0.15	3350	100
0.16	2650	37
0.12 j	7470	28
0.18	1870	57
0.1 j	1820	34
0.085 j	7310	96

0.084 j	8050	34
0.15	2720	70
0.75	16000	94 M
0.072 j	6250	99
0.22	5880	170
0.11 j	6700	51 M
0.14	4280	120
0.077 j	7260	57
0.15	4450	91
0.13 j	5450	93
0.059 j	4840	77
0.16	2370	67
0.24	4960	150
0.068 j	7180	91
0.14 j	2700	110
0.05 j	2650	47
0.063 j	6230	73
0.18	750	90
0.16	5410	74
0.12 j	2650	24
0.2	3050	35
0.12 j	2100	45
0.061 j	3910	24
0.11	3510	44
0.092 j	5500	28
0.059 j	4200	84
0.035 j	1630	5.3
0.056 j	2130	70
0.14	11700	57
0.19	2050	49
0.095 j	NA	77

<6.4	453 j	46.9
<5.8	6730	55.8
NA	<619	NA
<2.8	<681	23.9

mg/kg
1200
63

Zinc
3.7
7.8
13
42.5
31.4
17.9
25.2
18.6
<5.7
58.3
53.5
25.5
15.9
17.7
60.7
35.4
2.7
30.2
53.5
25
34.3
3.3
20.5
30.3
24.6

16.8
32.4
18.6
28.5
31.8
16.5
40.4
34.3
51 M
11
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23
43
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27
45 B
76
62
60
50
53
190
59
54 B
68
63
45
49

49
50 B
46 B
50
44
50
63
38
63
38.2
41
50.4
45.5
22.5
34.7
53.1
34.9
34.2
51.5
27.7
23.2
14.5
35.3
49.9
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41.4
78.6
34.5
20.1
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26.6
37.9
49.6

20.3
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34.9
41.3
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56.4
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63
35
42
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86
8.1
49
48
58
24

46.4
25.1
NA
27.4

FACILITY NAME:

DATE UPDATED:

SPREADSHEET UPDATED BY:

SPREADSHEET CHECKED BY:

Sample ID
CF-01
CF-03
CF-05
CL-02
CL-04
CL-06
CL-07
CV-01
CV-02
EDC-01
EDC-02
EDC-03
EDC-05
EF-01
EF-03
NL-04
NL-08
RSW-01
RSW-02
RSW-03
RSW-04
RSW-05
RSW-06
RSW-07
RSW-08

RSW-09
S-09
S-13
S-14
SL-08
SW-01
SW-02
SW-03
SW-04
SW-05
WDC-01
WDC-02
WDC-03
WDC-04
WDC-05
WDC-06
WF-01
WF-03

ROXBORO

12/11/2019

BRANDON RUSSO

CRAIG EADY

Location Description
SEI Sample Location
SEI Sample Location
SEI Sample Location
EEI Sample Location
EEI Sample Location
EEI Sample Location
EEI Sample Location
EEI Sample Location
EEI Sample Location
East Discharge Canal Sample Location
East Discharge Canal Sample Location
East Discharge Canal Sample Location
East Discharge Canal Sample Location
SEI Sample Location
SEI Sample Location
EEI Sample Location
EEI Sample Location
Cooling Water Intake Canal
Cooling Water Intake Canal
Cooling Water Intake Canal
Cooling Water Intake Canal
Cooling Water Intake Canal
Cooling Water Intake Canal
East Discharge Canal Sample Location
East Discharge Canal Sample Location

Southern edge of EB in CB
of EAB Separator Dike,NW corner of EB EEI, in C
NE of Gypsum Storage Area, in CB
NW of Gypsum Storage Area, in CB
EEI Sample Location
West of WB, outside of CB in Hyco lake
West of WB, outside of CB in Hyco lake
West of WB, outside of CB in Hyco lake
South of WB, outside of CB
Southwest of WB, outside of CB
West Discharge Canal Sample Location
West Discharge Canal Sample Location
West Discharge Canal Sample Location
West Discharge Canal Sample Location
West Discharge Canal Sample Location
West Discharge Canal Sample Location
SEI Sample Location
SEI Sample Location

Associated Unit
West Ash Basin
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West Ash Basin

Location With Respect to Groundwater Flow Direction	Sample Media
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Background	Sediment
Downgradient	Sediment
Downgradient	Sediment

Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Background	Sediment
Background	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment
Downgradient	Sediment

PSRG Protectio

Latitude	Longitude
36.46396900	-79.06826100
36.46217600	-79.06736600
36.46010400	-79.06625400
36.47795165	-79.05525518
36.47761231	-79.05397469
36.47728552	-79.05266696
36.47727545	-79.05200446
36.47689042	-79.05391462
36.47650100	-79.05386100
36.47963070	-79.05559353
36.48139130	-79.05510400
36.48352560	-79.05612889
36.48577643	-79.05940692
36.46307400	-79.06582000
36.46367800	-79.06261100
36.47788817	-79.05398825
36.47778945	-79.05164137
36.48394000	-79.06629000
36.48425000	-79.06487000
36.48479000	-79.06365000
36.48547000	-79.06191000
36.48601000	-79.06037000
36.48858000	-79.05334000
36.48576000	-79.05927000
36.48399000	-79.05701000

36.47367200	-79.06101300
36.47858284	-79.05630400
36.48617500	-79.05961201
36.48384359	-79.06380054
36.47732890	-79.05128319
36.46864324	-79.08792354
36.47434751	-79.08849116
36.47728802	-79.08521786
36.45969039	-79.06576678
36.46368253	-79.06111372
36.46374062	-79.07177470
36.46414198	-79.07397849
36.46551948	-79.07570683
36.46782786	-79.07720121
36.46986800	-79.07880401
36.47306049	-79.07993478
36.46385800	-79.07026700
36.46182200	-79.06967300

Reporting Units	**meq/100g**
n of Groundwater	**NE**

Sample Collection Date	Cation Exchange Capacity
07/20/2016	NA
07/21/2016	NA
07/21/2016	NA
04/26/2016	NA
04/27/2016	NA
04/27/2016	NA
04/27/2016	NA
04/27/2016	NA
04/26/2016	NA
03/01/2017	18
02/27/2017	17
02/27/2017	18
02/27/2017	16
07/21/2016	NA
07/21/2016	NA
04/26/2016	NA
04/26/2016	NA
05/02/2018	7.3
05/02/2018	14
05/02/2018	12
05/02/2018	3.8
05/02/2018	3.6
05/02/2018	8
05/02/2018	8.2
05/02/2018	4.9

03/20/2019	2.5
05/14/2015	NA
05/14/2015	NA
05/14/2015	NA
04/26/2016	NA
05/15/2015	NA
05/15/2015	NA
05/15/2015	NA
05/14/2015	NA
05/14/2015	NA
03/02/2017	8.8
03/02/2017	6.7
03/01/2017	3.7
03/01/2017	8.4
03/01/2017	23
03/01/2017	8.4
07/20/2016	NA
07/20/2016	NA

%	%	%
NE	NE	NE

Fractional Organic Carbon	Fractional Organic Matter	Percent Moisture
NA	NA	31.9
NA	NA	75.3
NA	NA	44.5
NA	NA	NA
NA	NA	46.5
NA	NA	32
NA	NA	26
NA	NA	25.8
NA	NA	NA
9.1	15.6	NA
5.2	8.99	NA
4.5	7.7	NA
2.4	4.17	NA
NA	NA	69.9
NA	NA	38.3
NA	NA	NA
NA	NA	NA
1.4	2.44 N	NA
1.8	3.05 N	NA
1.7	2.96 N	NA
2.5	4.29 N	NA
2.1	3.54 N	NA
2.4	4.14 N	NA
1.6	2.8 N	NA
1	1.79 N	NA

0.9	1.59 N	
NA	NA	78.1
NA	NA	9
NA	NA	19.4
NA	NA	NA
NA	NA	23.9
NA	NA	22.2
NA	NA	52.7
NA	NA	30.9
NA	NA	20
4	6.92	NA
1.2	2.02	NA
0.9	1.46	NA
5.9	10.1	NA
6	10.3	NA
6.4	10.9	NA
NA	NA	38.3
NA	NA	27.1

%	%	S.U.	mV
NE	NE	NE	NE

Percent Solids	Percent Total Solids	pH	Oxidation Reduction Potential
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	7.7 H6	NA
NA	NA	7.9 H6	NA
NA	NA	7.8 H6	NA
NA	NA	7.5 H6	NA
NA	NA	7.1 H6	NA
NA	NA	7.2 H6	NA
27.5	27.2	7.0	180 H
63.9	50.5	7.0	65 H
61.2	56.1	6.8	25 H
69.9	66.6	6.1	37 H
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	7.6 H6	NA
NA	NA	7.6 H6	NA
56.9	75.8	7.2	5 H
67.3	70.1	7.2	30 H
71.4	74.8	6.9	68 H
67.3	67.7	7.1	-39 H
81.7	82	7.0	-49 H
68.4	74.7	7.3	13 H
66	73.3	6.9	84 H
66.1	72	6.3	88 H

74.4	75.7	6.0	280 H
NA	NA	6.7	NA
NA	NA	6.7	NA
NA	NA	7.0	NA
NA	NA	7.3 H6	NA
NA	NA	6.7	NA
NA	NA	6.5	NA
NA	NA	6.6	NA
NA	NA	6.5	NA
NA	NA	6.7	NA
49.2	49.8	6.9	-41 H
74.9	72.9	7.0	55 H
74.4	72.8	7.3	16 H
33.1	34	7.0	-38 H
30.7	93.5 H	6.6	257 H
24.9	29	6.9	-86 H
NA	NA	NA	NA
NA	NA	NA	NA

mg/kg	mg/kg	mg/kg
110000	**0.9**	**5.8**

Aluminum	Antimony	Arsenic
15000	<3 N2	**26.5**
35300	<8.7 N2	**77.9**
13500	<3.3 N2	**19.6**
305	<0.74	<0.99
6250	<3.8 N2	4.1
16900 M1	<2.8 N2	<1.4
18700	<2.7 N2	5.7
2860	<2.6 N2	<1.3
6800	<0.72	**13.9**
66000	0.29 j	**31**
25000	0.21 j	**40**
47000	0.51	**6.8**
27000	0.12 j	**7.5**
8730	<7.7 N2,M6	**62.9**
9800	<3.2 N2	**15**
9110	<0.76	**29.7**
947	<0.74	3.1
15000 M	<0.83 M	1.8
22000	<0.65	0.94
17000	<0.64	1.5
22000	<0.67	<0.67
18000	<0.57	0.52 j
34000	<0.61	<0.61
18000	<0.62	**6.8**
9700	<0.65	**7.1**

6600	<0.65	<0.65
16600	<22.9	<22.9
12000	<5.3	<5.3
3520	<6.2	**8.9**
894	<0.73	3.4
4660	<6.5	<6.5
7200	<6.5	<6.5
8380	<10.9	<10.9
964	<7.4	<7.4
3920	<6.4	<6.4
21000	0.14 j	**35**
13000	0.22 j	**28**
12000	0.27 j	**28**
25000	0.37 j	**43**
39000	0.21 j	**48**
41000	0.12 j	**33**
20100	<2.9 N2	**21.1**
10900	<2.3 N2,M6,R1	**10.7 M6**

mg/kg	mg/kg	mg/kg
580	**63**	**45**

Barium	Beryllium	Boron
140	1.6	10.3
261	1.5	12.1
107	0.19	<4.1
3.8	<0.049	4.9
28.9	0.2	<4.5
92.7 M1	0.54	<3.5 M1
120	0.43	<3.4
13.2	<0.067	<3.4
68.6	0.28	3.1
360 B	3.3	34 j
150	1.9	17 j
180	1.3	19 j
85	1	11 j
64	0.85	<9.1
65.9	0.42	<4
89	1	4
10	0.05	<2.5
69	0.47	1.5 j
100	0.67	<3.7
54	0.52	<3.3
16	0.85	1.9 j
18	0.66	<2.8
23	0.64	<3.4
88	0.55	3 j
140	0.71	<3.4

40	0.14	<3.1
210	2.2	**69.1**
17.8	0.36	<13.2
91	0.18 j	<15.6
6.4	<0.048	<2.4
39.2	0.18 j	<16.4
97	0.26 j	<16.3
116	0.31 j	<27.1
17.6	<0.37	<18.4
25.8	0.42	<16.1
100 B	1.4	22 j
94 B	1	11 j
80 B	0.93	8.8 j
140 B	1.7	22 j
200 B	2.6	**56 j**
150 B	2.8	**58 j**
165	1.5	4.4
88.9	0.42	<2.9

mg/kg	mg/kg	mg/kg
3	NE	NE

Cadmium	Calcium	Chloride
0.25	1280	<365 D3
1	2940	<1020 D3
0.22	1010	<452 D3
<0.12	104	<249 D3,M1
<0.23	716	<467 D3
<0.17	5410 M1,R1	<365 D3
<0.16	3900	<342 D3
<0.15	205	<334 D3
<0.11	886	<253 D3
<0.89	4800	38
0.096 j	3300	12 j
<0.41	4800	15 j
0.057 j	3700	16
0.92	841	<807 D3,M1
0.28	1190	<406 D3
<0.12	5010	<253 D3
<0.12	170	<247 D3
0.057 j	11000 M	13 j
<0.17	11000	9.3 j
<0.17	4500	10 j
0.064 j	17000	17
<0.15	12000	3.5 j
0.041 j	33000	6.7 j
0.034 j	5400	11 j
0.043 j	2400	5.5 j

<0.17	960	<13
<2.7	4250	<1120
<0.63	10100	<273
<0.75	7630	<308
<0.12	138	<243 D3
<0.79	1100	<324
<0.78	2180	<316
<1.3	2330	<524
<0.88	180 j	<354
<0.77	609	<306
0.6	2400	33
0.42	4200	12 j
0.27 j	4900	13
0.85	4500	59
1.4	5900	1100
1.2	8200	910
0.25	1620	<409 D3
0.2	783	<337 D3

mg/kg	mg/kg	mg/kg
3.8	**0.9**	**700**

Chromium	Cobalt	Copper
33.3	**24.2**	32.7
55.8	**25.6**	53.8
25.2	**10**	14.4
0.49	<0.99	0.69
6	**2.4**	5.6
14.7	**9.2**	13.3
21.6	**9.7**	31.8
3.6	**2**	2.9
6.6	**5.3**	9.5
54	**20**	95
28	**18**	47
37	**16**	70
21	**15**	36
21.7	**32.4**	20.2
25.1	**13.9**	15.3
10.6	**6.2**	15.9
0.99	<0.99	2.8
18 B	**12**	39
17 B	**16**	51
27 B	**13**	33
31 B	**12**	38
16 B	**12**	37
34 B	**17**	55
57 B	**15**	40
35 B	**37**	22

17	**7.4**	7.2
25.4	**12.6 j**	44.1
8.1	**7.3**	13
6.1	**12.5**	17.2
1.1	<0.97	1.5
17.7	**7.2**	11.5
12.1	**14.2**	23
10.3	**15.5**	17.1
2.1	<7.4	<1.8
89.9	**11**	3.8
38	**20**	46
36	**21**	34
51	**20**	42
37	**28**	54
65	**33**	96
73	**31**	100
32.6	**19.8**	42.9
30.7	**12.9**	15.9

mg/kg	mg/kg	mg/kg
150	**270**	**NE**

Iron	Lead	Magnesium
13700	24.5	1570
35500	32.6	2570
12500	14.5	1250
93.1	<0.99	56.9
5550	<1.9	1110
17700 M1	3.8	4380 M1
26700	2.6	6880
2920	<1.3	409
9400	3.7	1180
55000	12	8100
22000	12	4300
40000	6.2	8100
29000	4.2	5100
8870	26.5	724
14400	5.6	2010
8580	9.4	676
1140	<0.99	154
20000 M	2	6600
33000	2.6	9000
22000	3.8	3700
28000	3.8	11000
19000	2.1	12000
26000	2.1	17000
43000	3.5	6700
27000	10	2100

13000	3.2	1300
17800	14.3 j	4910
12600	<5.3	6370
10500	<6.2	2400
1100	<0.97	113
11900	<6.5	1480
18000	<6.5	3130
13000	<10.9	2430
4000	<7.4	113 j
24800	4 j	1220
22000	6.7	3500
25000	3.2	5100
25000	3.1	4400
27000	9.1	4500
37000	14	7500
38000	13	9200
19200	16.7	3770
9880	10.4	795

mg/kg	mg/kg	mg/kg
65	**1**	**7.1**

Manganese	Mercury	Molybdenum
415	0.018	3.1
394	0.073	**22.4**
228	0.034	3.3
2.1	<0.008	<0.49
57.2	0.024	2.1
124 M1	0.025	<0.71 M1
387	<0.011	1.1
101	0.012	<0.67
721	0.031	**8.1**
1500	0.0801 j	**45**
1500 B	0.046	**15**
640 B	0.05	4.2
380 B	0.033	3
119	0.067	**7.5**
355	0.014	2.4
1080	0.047	**8.3**
145	<0.008	4.4
460 M	<0.13	<3
1000	<0.11	<3
360	<0.1	<2.7
510	<0.11	<2.7
430	<0.089	<2.2
560	<0.11	<2.7
1400	<0.12	6.9
2400	<0.11	5

490	<0.11	<2.5
990	0.17	**13.2**
578	<0.0091	<2.6
6480	<0.0098	**42.1**
63.3	<0.0079	3.1
171	0.1	<3.3
474	<0.01	<3.3
978	<0.018	<5.4
51.6	<0.012	<3.7
391	<0.0097	<3.2
570	0.0349 j	5.4
800	<0.13	3.5
700	<0.121	3.8
900	<0.282	**10**
360	0.215 j	**10**
330	**2.27**	**23**
413	0.018	3.3
454	0.018	2

mg/kg	mg/kg	mg/kg
130	**NE**	**NE**

Nickel	Nitrate (as N)	Potassium
20.6	<36.5 H3,D3	1660
47.5	<102 H3,D3	1870
10.9	<45.2 H3,D3	855
0.36	<24.9 H1,D3,M1	75.5
3.5	<46.7 H1,D3	139
11.8	<36.5 D3	238
18.3	<34.2 D3	1840
2.2	<33.4 H3,D3	110
3.9	<25.3 D3	421
32	2.8 j	3500
23	1.5 j	1700
18	1.6 j	2600
9.7	1.5 j	950
13.9	<80.7 H3,D3,M1	536
15.5	<40.6 H3,D3	565
8.3	<25.3 D3	727
0.59	<24.7 D3	87.5
16	<0.35 M	990
14	<0.3	810
8.3	<0.28	780
13	<0.3	690
15	<0.24	490
23	<0.29	1000
14	<0.3	670
8.8	<0.3	380

5.2	<0.27	640
18.1	<112	2350
6	<27.3	<263
7	<30.8	539
0.55	<24.3 D3	<48.5
4.6	<32.4	416
6	<31.6	1290
7.1	<52.4	595
<1.8	<35.4	<368
4.7	<30.6	<322
34	1.8 j	1200
36	1 j	1500
32	1 j	1200
43	2.4 j	1600
74	2.9 j	2400
120	3.7 j	2200
20.2	<40.9 H3,D3	2320
13.8	<33.7 H3,D3	498

mg/kg	mg/kg	mg/kg
2.1	**3.4**	**NE**

Selenium	Silver	Sodium
9.6	NA	<372
29.9	NA	274
13.4	NA	86.9
<0.99	NA	<49.5
2.2	NA	120
<1.4	NA	253
2.8	NA	119
<1.3	NA	<67.4
3.3	NA	<47.9
4.6	NA	340
4.4	NA	190
<0.81	NA	230
2.7	NA	180
31.6 M6	NA	<181
6	NA	<79.3
5.6	NA	111
1.3	NA	<49.3
0.84 j	0.45 j	570
<1.7	0.62 j	260 j
<1.7	0.23 j	120 j
0.85 j	0.63 j	270 j
<1.5	0.4 j	150 j
<1.6	0.56 j	440
0.68 j	0.46 j	110 j
0.84 j	0.41 j	110 j

<1.7	<0.62	<310
<22.9	NA	<1140
<5.3	NA	<263
12.1	NA	<311
1.7	NA	<48.5
<6.5	NA	<327
<6.5	NA	<327
<10.9	NA	<543
<7.4	NA	<368
<6.4	NA	<322
9.4	NA	110
1.4	NA	210
0.81	NA	310
9.1	NA	190
30	NA	350
96	NA	830
7	NA	324
7.2	NA	102

mg/kg	mg/kg	mg/kg
1500	**NE**	**NE**

Strontium	Sulfate	Sulfide
64.8	<365 D3	NA
70.9	<1020 D3	NA
19	<452 D3	NA
5	<249 D3,M1	NA
9.1	<467 D3	NA
32.5	<365 D3	NA
31.2	<342 D3	NA
2.4	<334 D3	NA
15.9	<253 D3	NA
93	290	NA
58	73	NA
53	140	NA
31	300	NA
22.6	<807 D3	NA
14	<406 D3	NA
49.7	<253 D3	NA
3.1	<247 D3	NA
69	55	20.4 j
110	27	<30.2
35	120	<33.9
130	64	<32.5
88	<12	<27.3
160	<15	<34.5
47	220	<35.5
21	22	<34.4

6.7	<13	51.1 B
95.8	1510	NA
41.6	<273	NA
28.6	578	NA
2.5	<243 D3	NA
5.9	<324	NA
9.7	<316	NA
23	<524	NA
<3.7	<354	NA
4	<306	NA
28	130	NA
20	60	NA
27	46	NA
48	280	NA
55	840	NA
59	1200	NA
49	<409 D3	NA
22.4	<337 D3	NA

mg/kg	mg/kg	mg/kg
0.28	**NE**	**350**

Thallium	Total Organic Carbon	Vanadium
<1.5	5780	100
<4.4	35500	201
<1.6	11600	65.8
<0.99	28400	1.1
<1.9	11900	18.4
<1.4	1720	51.6
<1.3	2740	69.8
<1.3	1770	8.5
<0.96	13000	23.3
NA	NA	130
NA	NA	67
NA	NA	100
NA	NA	92
<3.9	9020	206 M6
<1.6	8920	55.4
<1	12400	30.6
<0.99	9490	3.2
0.096 j	45100	80
0.11 j	1840	87
0.081 j	3850	76
<0.17	11200	73
<0.15	8880	59
<0.16	14700	82
0.079 j	2110	81
0.089 j	2640	130

<0.17	5470	31
<22.9	115000	60.9
<5.3	2480	21.2
<6.2	12700	20.5
<0.97	12400	3
<6.5	3300	37.2
<6.5	2300	40.6
<10.9	31700	36.7
<7.4	2720	<7.4
<6.4	1820	69.2
NA	NA	75
NA	NA	65
NA	NA	70
NA	NA	95
NA	NA	120
NA	NA	110
<1.4	4060	93.7
<1.2	5070	51.7 M6

mg/kg
1200

Zinc
39
150
30.6
1
10
27.5
45.9
4.8
19
88
110
62
35
36.3
39.8
23.3
3.4
35
56
26
49
36
39
48
37

18
63.7
26.7
13.3
2.9
11.7
22.3
23.1
<7.4
16.2
110
110
93
160
220
180
55.2
26.8

Roxboro

, NORTH CAROLINA

FACILITY NAME: **ROXBORO**
DATE UPDATED: **12/11/2019**
SPREADSHEET UPDATED BY: **BRANDON RUSSO**
SPREADSHEET CHECKED BY: **CRAIG EADY**

Sample ID	Location Description	Associated Unit	Location With Respect to Groundwater Flow Direction	Sample Media	Depth Invterval (FEET BGS)
AB-01 (75.5-77.5)	In WB	West Ash Basin	Downgradient	Ash SPLP	75.5 - 77.5
ABMW-01BR (83-85)	In WB	West Ash Basin	Downgradient	Soil SPLP	83 - 85
AB-02 (76-78)	In WB	West Ash Basin	Downgradient	Ash SPLP	76 - 78
AB-02 (80-82)	In WB	West Ash Basin	Downgradient	Soil SPLP	80 - 82
AB-03 (3-5)	In WB	West Ash Basin	Downgradient	Ash SPLP	3 - 5
AB-03 (8-10)	In WB	West Ash Basin	Downgradient	Soil SPLP	8 - 10
AB-04 (50-52)	In EB	East Ash Basin	Downgradient	Soil SPLP	50 - 52
AB-05 (48-50)	In EB	East Ash Basin	Downgradient	Ash SPLP	48 - 50
AB-05 (58-60)	In EB	East Ash Basin	Downgradient	Soil SPLP	58 - 60
AB-06 (56-58)	In EB	East Ash Basin	Downgradient	Soil SPLP	56 - 58
AB-06 (61-62)	In EB	East Ash Basin	Downgradient	Soil SPLP	61 - 62
AB-06 (62-64)	In EB	East Ash Basin	Downgradient	Soil SPLP	62 - 64
AB-07 (76-78)	In EB	East Ash Basin	Downgradient	Ash SPLP	76 - 78
AB-07 (80-82)	In EB	East Ash Basin	Downgradient	Soil SPLP	80 - 82
BG-01BR (39-41)	Southwest of WB, outside CB	Background	Background	Soil SPLP	39 - 41
CF-01	SEI Sample Location	West Ash Basin	Downgradient	Sediment SPLP	---
CF-03	SEI Sample Location	West Ash Basin	Downgradient	Sediment SPLP	---
CF-05	SEI Sample Location	West Ash Basin	Downgradient	Sediment SPLP	---

SPREADSHEET CHECKED BY: **CRAIG EADY**

CL-02	EEI Sample Location	East Ash Basin	Downgradient	Sediment SPLP	---
CL-04	EEI Sample Location	East Ash Basin	Downgradient	Sediment SPLP	---
CL-06	EEI Sample Location	East Ash Basin	Downgradient	Sediment SPLP	---
CL-07	EEI Sample Location	East Ash Basin	Downgradient	Sediment SPLP	---
CPA-02D (2-4)	---	Coal Pile Area	---	Soil SPLP	2 - 4
CPA-02D (4-6)	---	Coal Pile Area	---	Soil SPLP	4 - 6
CPA-02D (6-8)	---	Coal Pile Area	---	Soil SPLP	6 - 8
CPA-03D (4-6)	---	Coal Pile Area	---	Soil SPLP	4 - 6
CPA-04D (2-4)	---	Coal Pile Area	---	Soil SPLP	2 - 4
CPA-04D (8-10)	---	Coal Pile Area	---	Soil SPLP	8 - 10
CPA-05D (2-4)	---	Coal Pile Area	---	Soil SPLP	2 - 4
CPA-05D (4-6)	---	Coal Pile Area	---	Soil SPLP	4 - 6
CPA-06D (2-4)	---	Coal Pile Area	---	Soil SPLP	2 - 4
CPA-06D (6-8)	---	Coal Pile Area	---	Soil SPLP	6 - 8
CPA-06D (10-12)	---	Coal Pile Area	---	Soil SPLP	10 - 12
CV-01	EEI Sample Location	East Ash Basin	Downgradient	Sediment SPLP	---
CV-02	EEI Sample Location	East Ash Basin	Downgradient	Sediment SPLP	---
EF-01	SEI Sample Location	West Ash Basin	Downgradient	Sediment SPLP	---
EF-03	SEI Sample Location	West Ash Basin	Downgradient	Sediment SPLP	---
MW-02BR (11-13)	Between EB and WB, in CB	West Ash Basin	Downgradient	Soil SPLP	11 - 13
MW-03BR (21-23)	In gypsum storage area, in CB	East Ash Basin	Downgradient	Soil SPLP	21 - 23
MW-04 (23-25)	Southwest of WB in CB	West Ash Basin	Downgradient	Soil SPLP	23 - 25
MW-05BR (9.5-11.5)	North of WB, on CB	West Ash Basin	Downgradient	Soil SPLP	9.5 - 11.5
MW-06BR (5-7)	North of WB, on CB	West Ash Basin	Downgradient	Soil SPLP	5 - 7
MW-08 (14-16)	West of WB, outside of CB	West Ash Basin	Downgradient	Soil SPLP	14 - 16
MW-11BR (19-19.5)	North east of EB, in contractor lot	East Ash Basin	Downgradient	Soil SPLP	19 - 19.5
MW-14BR (37-38)	Northeast of EB, outside of CB	Background	Background	Soil SPLP	37 - 38
MW-15 (31-33)	Southwest of WB, outside of CB	Background	Background	Soil SPLP	31 - 33
MW-16BR (36-38)	Southwest of EB, outside of CB	Background	Background	Soil SPLP	36 - 38

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MW-18 (31-33)	Southeast of WB, outside of CB	Background	Background	Soil SPLP	31 - 33
MW-34D (2-4)	Dry Fly Ash Handling Area	East Ash Basin	Downgradient	Soil SPLP	2 - 4
MW-35D (2-4)	Dry Fly Ash Handling Area	East Ash Basin	Downgradient	Soil SPLP	2 - 4
MW-35D (6-8)	Dry Fly Ash Handling Area	East Ash Basin	Downgradient	Soil SPLP	6 - 8
MW-36D (2-4)	Dry Fly Ash Handling Area	East Ash Basin	Downgradient	Soil SPLP	2 - 4
MW-37D (2-4)	Dry Fly Ash Handling Area	East Ash Basin	Downgradient	Soil SPLP	2 - 4
MW-37D (8-10)	Dry Fly Ash Handling Area	East Ash Basin	Downgradient	Soil SPLP	8 - 10
NL-04	EEI Sample Location	East Ash Basin	Downgradient	Sediment SPLP	---
NL-08	EEI Sample Location	East Ash Basin	Downgradient	Sediment SPLP	---
PSB-24 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-25 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-26 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-27 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-28 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-29 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-31 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-32 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-33 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-34 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-35 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-36 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-37 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-38 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-39 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-40 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-41 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-42 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-43 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-44 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2

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PSB-45 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-46 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-47 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-48 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
PSB-49 (1.5-2)	---	---	---	Soil SPLP	1.5 - 2
SL-08	EEI Sample Location	East Ash Basin	Downgradient	Sediment SPLP	---
WF-01	SEI Sample Location	West Ash Basin	Downgradient	Sediment SPLP	---
WF-03	SEI Sample Location	West Ash Basin	Downgradient	Sediment SPLP	---

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Reporting Units			**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**mg/L**	**mg/L**
15A NCAC 02L Standard			**NE**	**1***	**10**	**700**	**4***	**700**	**2**	**NE**	**250**
Latitude	**Longitude**	**Sample Collection Date**	**Aluminum**	**Antimony**	**Arsenic**	**Barium**	**Beryllium**	**Boron**	**Cadmium**	**Calcium**	**Chloride**
36.46182200	-79.06967300	03/13/2015	130	0.79	2.6	484	<0.2	161	<0.08	1.53	<8.2
36.46182200	-79.06967300	04/29/2015	22100	0.18 j	1.4	418	0.44	65.7	0.031 j	2.49	<6
36.46182200	-79.06967300	03/14/2015	220	**5.9**	**15.9**	434	<0.2	**799**	0.12	43.9	20.1
36.46182200	-79.06967300	05/02/2015	66700	<0.5	4	666	2.1	35.7	0.098	6.77	<6.2
36.46182200	-79.06967300	04/27/2015	1190	0.5 j	1	246	1.7	69.9	**20.4**	2.85	<5.8
36.46182200	-79.06967300	04/27/2015	180	<0.5	<0.5	106	<0.2	93.7	0.027 j	3.92	<6.9
36.47884058	-79.06967300	04/17/2015	246	<0.5	<0.5	154	<0.2	80.8	<0.08	1.68	<5.9
36.48045282	-79.06679791	03/11/2015	162	**3.8**	**19.7**	377	<0.2	231	<0.08	11.3	<7
36.48045282	-79.06679791	03/17/2015	1530	<0.5	**11**	295	<0.2	265	<0.08	5.26	<7.4
36.47822414	-79.06781690	03/10/2015	48.8	**2**	**21.2**	145	<0.2	309	<0.08	6.2	<7.4
36.47822414	-79.06781690	03/12/2015	559	<0.5	<0.5	**1100**	<0.2	189	0.28	3.9	<6
36.47822414	-79.06781690	03/13/2015	8860	<0.5	3.7	70.3	0.23	107	<0.08	3.3	<5.4
36.48013815	-79.06481721	03/12/2015	255	**4.4**	5.5	534	<0.2	322	<0.08	9.990001	<6.4
36.48013815	-79.06481721	03/15/2015	16700	<0.5	1.5	82.1	0.41	101	<0.08	7.16	<5.9
36.46413463	-79.08113755	04/09/2015	19200	<2.5	0.72 j	349	<1	42.6	<0.4	12.1	<5.6
36.46396900	-79.06826100	07/20/2016	11800	<2.5 D3	**24.2 D3**	91	1.2 D3	432 D3,L1,B	<0.4 D3	2.4	11.3
36.46217600	-79.06736600	07/21/2016	7200	**3.1 D3**	**23.5 D3**	110	<0.5 D3	<250 D3,L1	<0.4 D3	7.3	<20.3
36.46010400	-79.06625400	07/21/2016	10400	**4 D3**	**28.9 D3**	60	0.67 D3	<250 D3,L1	<0.4 D3	1.1	<9

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		Reporting Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L
36.47795165	-79.05525518	04/26/2016	<100	**22.7**	**70.4**	130	<0.1	240	<0.08	5.2	<5
36.47761231	-79.05397469	04/27/2016	1900	**2.9**	**22.2**	79	0.7	310	<0.08	2.6	18.7
36.47728552	-79.05266696	04/27/2016	7900	**2.9**	**24**	72	0.7	<200	<0.08	2	13.1
36.47727545	-79.05200446	04/27/2016	10200	**2.5**	**38**	100	1	230	0.26	3.5	22.2
---	---	06/24/2019	20000	<2	<2	69	<5	<50	<0.5	2.1 j	<1
---	---	06/24/2019	32000	<2	1.4 j	92	0.8 j	<50	<0.5	3 j	<1
---	---	06/24/2019	36000	<2	<2	94	0.9 j	<50	<0.5	2.6 j	<1
---	---	06/27/2019	8700	<2	<2	49	<5	25 j	<0.5	3.2 j	0.21 j
---	---	06/25/2019	32000	<2	2.2	100	0.9 j	<50	<0.5	3.1 j	0.44 j
---	---	06/25/2019	24000	<2	<2	120	<5	<50	<0.5	2.8 j	<1
---	---	06/27/2019	100000	0.81 j	<2	160	1.8 j	<50	<0.5	8.3	0.25 j
---	---	06/27/2019	110000	<2	<2	200	2.1 j	<50	<0.5	7.5	0.33 j
---	---	06/26/2019	59000	0.64 j	2.3	120	1.2 j	<50	<0.5	4.9 j	<1
---	---	06/26/2019	32000	<2	<2	58	0.6 j	<50	<0.5	4.9 j	<1
---	---	06/26/2019	52000	<2	<2	110	0.9 j	<50	<0.5	3.4 j	<1
36.47689042	-79.05391462	04/27/2016	7600	<0.5	1.6	<50	0.79	<200	<0.08	2.2	44.5
36.47650100	-79.05386100	04/26/2016	260 M1	0.51	1.8	170 M1	<0.1	220 M1	<0.08	24.5 M1	<5
36.46307400	-79.06582000	07/21/2016	9300	**3.9 D3**	**27.6 D3**	120	0.76 D3	<250 D3,L1	<0.4 D3	6.9	<16.6
36.46367800	-79.06261100	07/21/2016	6700	<2.5 D3	7.4 D3	60	<0.5 D3	<250 D3,L1	<0.4 D3	3.2	<8.1
36.47620986	-79.07012768	03/12/2015	739	<0.5	0.56	514	<0.2	129	<0.08	2.81	<5.5
36.48525754	-79.05989552	05/13/2015	10000	<0.5	0.34 j	214	0.17 j	86.5	<0.08	5.7	<5.1
36.46411093	-79.07275033	05/13/2015	12400	<0.5	0.23 j	326	0.12 j	78.9	0.047 j	5.25	<6.2
36.47832789	-79.07363968	03/26/2015	12100	<0.5	<0.5	413	0.25	28.8	<0.08	4.52	<6.4
36.48052623	-79.07467883	04/01/2015	26400	<2.5	1.4 j	393	2.2	40.6	<0.4	6.49	<5.5
36.47453784	-79.08323289	04/27/2015	29900	<0.5	1.4	351	1	16	<0.08	2.83	<5.3
36.47949697	-79.07033367	03/04/2015	11600	<0.5	<0.5	240	0.21	10.2	<0.08	4.68	<5
36.48671171	-79.05221504	02/25/2015	10400	<0.5	0.53	304	<0.2	48	<0.08	3.36	2.8 j
36.46191571	-79.07549454	04/17/2015	26400	<0.5	0.22 j	214	0.11 j	29.1	0.046 j	6.58	<6.2
36.47115005	-79.06386924	04/07/2015	7540	<0.5	0.28 j	245	0.25	34.7	0.032 j	2.87	<6.3

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		Reporting Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L
36.46056754	-79.06041726	05/16/2015	36400	<0.5	1.5	447	1.2	79.5	0.2	3.23	<6
36.48296591	-79.06509579	03/27/2019	38000	**1.7 j**	<2	95	<5	95	<0.5	4.3 j	<1
36.48227640	-79.06468030	03/27/2019	38000	0.79 j	<2	120	0.67 j	<50	<0.5	6.2	0.46 j
36.48227640	-79.06468030	03/27/2019	52000	0.57 j	<2	140	0.93 j	90	<0.5	9.1	0.22 j
36.48287798	-79.06397334	03/27/2019	24000	<2	<2	95	<5	<50	<0.5	3.6 j	0.32 j
36.48249127	-79.06398807	03/28/2019	16000	<2	<2	57	<5	<50	<0.5	6.2	0.22 j
36.48249127	-79.06398807	03/28/2019	50000	<2	<2	130	0.73 j	20 j	<0.5	4.1 j	<1
36.47788817	-79.05398825	04/26/2016	<100	0.88	**227**	140	<0.1	<200	<0.08	37	<5
36.47778945	-79.05164137	04/26/2016	220	0.69	6.1	210	<0.1	270	<0.08	11.6	<5
---	---	06/19/2019	31000	<2	<2	77	0.7 j	<50	<0.5	1.1 j	<1
---	---	06/19/2019	16000	<2	<2	26	<5	<50	<0.5	0.87 j	<1
---	---	06/19/2019	50000	<2	1.7 j	100	0.7 j	<50	<0.5	1.1 j	<1
---	---	06/19/2019	3300	0.66 j	<2	13 j	<5	<50	<0.5	<5	2.5
---	---	06/19/2019	110000	0.63 j	2.4	220	2 j	23 j	<0.5	4.6 j	<1
---	---	06/19/2019	97000	<2	1.5 j	190	1.5 j	<50	<0.5	4.5 j	<1
---	---	06/19/2019	100000	<2	2.4	270	2.4 j	27 j	<0.5	2.9 j	<1
---	---	06/19/2019	66000	<2	1.7 j	96	0.9 j	<50	<0.5	1.6 j	0.27 j
---	---	06/19/2019	110000	<2	2.3	170	1.5 j	<50	<0.5	4.4 j	<1
---	---	06/19/2019	23000	0.71 j	<2	57	<5	<50	<0.5	0.8 j	<1
---	---	06/19/2019	53000	<2	<2	150	0.8 j	<50	<0.5	2.1 j	<1
---	---	06/19/2019	56000	<2	2.1	71	1 j	23 j	<0.5	2.2 j	<1
---	---	06/20/2019	72000	<2	<2	180	**6.4**	<50	<0.5	2.6 j	11
---	---	06/20/2019	2600	0.63 j	<2	8.9 j	<5	31 j	<0.5	0.81 j	0.67 j
---	---	06/20/2019	130 j	<2	<2	14 j	<5	<50	<0.5	0.68 j	<1
---	---	06/20/2019	8500	<2	<2	30	<5	<50	<0.5	0.88 j	<1
---	---	06/19/2019	3700	<2	<2	15 j	<5	<50	<0.5	0.72 j	<1
---	---	06/19/2019	26000	<2	1.3 j	75	<5	<50	<0.5	0.98 j	<1
---	---	06/19/2019	20000	<2	<2	61	<5	35 j	<0.5	0.69 j	<1
---	---	06/19/2019	5000	<2	<2	33	<5	<50	<0.5	0.79 j	<1

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		Reporting Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L
---	---	06/19/2019	39000	<2	<2	130	0.8 j	46 j	<0.5	2 j	<1
---	---	06/20/2019	18000	<2	<2	52	<5	41 j	<0.5	1.2 j	0.26 j
---	---	06/20/2019	78000	<2	2.1	93	0.9 j	<50	<0.5	2.6 j	<1
---	---	06/20/2019	6900	<2	<2	43	<5	28 j	<0.5	19	0.37 j
---	---	06/20/2019	49000	<2	<2	110	0.9 j	<50	<0.5	2 j	<1
36.47732890	-79.05128319	04/26/2016	440	0.71	1.6	220	0.13	250	0.12	15.1	<5
36.46385800	-79.07026700	07/20/2016	26400	**97 D3**	**99.2 D3**	150	**101 D3**	326 D3,L1,B	**97.7 D3**	2.6	<8.1
36.46182200	-79.06967300	07/20/2016	21200	<2.5 D3	9.3 D3	120	0.68 D3	<250 D3,L1	<0.4 D3	1.4	9.2

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ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg-N/L	mg/L	ug/L	mg/L
10	**1***	**1000**	**300**	**15**	**NE**	**50**	**1**	**NE**	**100**	**10**	**NE**	**20**	**NE**

Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate (as N)	Potassium	Selenium	Sodium
2.9	**4.5**	2.9	56.6	1.4	0.26	18.8	<0.2	2.2	12.4	**296**	0.7460001	<0.5	1.82
28.2	**14.8**	19.1	**27300**	4.3	7.05	**393**	<0.2	5.9	12.8	<0.24	5.41	0.33 j	5.51
5.7	<0.5	15.7	121	12.3	2.38	33.7	<0.2	128	3	**265**	1.97	**87.1**	2.63
124	**31.3**	152	**70900**	**15.1**	8.31	**845**	<0.2	2.6	39.7	0.36	5.51	0.63	9.87
1.1	**140**	54	233	0.98	0.916	**176**	<0.2	3.2	**371**	<0.23	0.473	0.27 j	1.86
0.42 j	**7**	0.46 j	155	0.063 j	1.5	**226**	<0.2	<0.5	6.4	0.28	0.474	0.39 j	2.32
0.75	**1.2**	0.63 j	135	0.11	0.764	**1280**	<0.2	0.095 j	0.41 j	<0.24	0.142	<0.5	0.7450001
24.5	<0.5	30.4	**617**	4.3	5.75	**185**	<0.2	11.1	7.9	**134**	0.938	**30.1**	1.83
2.9	**3.7**	8	**1720**	0.84	2.18	**274**	<0.2	2.6	2.5	**157**	1.47	<0.5	3.03
2.2	<0.5	2.3	<50	0.85	1.38	2.3	<0.2	33.7	0.71	**22**	1.61	9.5	1.48
95.9	**2.8**	180	**2140**	**33.1**	1.27	**516**	<0.2	13	**130**	**247**	1.02	<0.5	3.93
4.7	**1.3**	3.7	**5520**	2.2	1.9	**200**	<0.2	8.2	2.1	**16.3**	1.16	1.5	6.84
4	<0.5	6.4	72.8	4.5	1.27	22.5	<0.2	67.2	1.4	**293**	1.38	7.5	2.96
13.4	**13**	55.4	**17000**	4.9	4.39	**180**	<0.2	3.1	8.1	**10.3**	1.17	<0.5	6.14
24.7	**45.2**	260	**29000**	1.9	9.9	**643**	<0.2	0.5 j	22.5	<0.22	1.52	<2.5	6.55
22.5 D3,B	**30.6 D3**	27 D3	**13200**	**24.8 D3**	0.93	**210**	<0.2	NA	7.7	<0.29	<5	3.9 D3	28.3 L1,B
5.5 D3,B	**5.5 D3**	16 D3	**9200**	6 D3	1.9	**530**	<0.2	NA	15	<0.81	<5	4 D3	7.1 L1,B
8 D3,B	**3.8 D3**	9 D3	**9500**	11.6 D3	<0.5	**82**	<0.2	NA	6.3	<0.36	<5	4.7 D3	7.7 L1,B

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ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg-N/L	mg/L	ug/L	mg/L
2	<0.5	<1	<50	<0.5	1.1	50	<0.2	55.5	<5	<0.2 B	<5	**41.4**	<5
13.9	**5.5**	16.2	**1400**	5.9	1.1	**300**	<0.2	9.5	<5	<0.37 B	<5	12.5	6.4
12.7	**5.1**	14.6	**5700**	5.5	1	**310**	<0.2	11	<5	<0.29 B	<5	14.3	<5
21.2	**13.3**	30.7	**9400**	12.1	1.8	**720**	<0.2	13.4	9.1	<0.27 B	<5	**22.8**	5.3
23	**6.6**	42	**20000**	6.7	2.8 j	**510**	<0.2	<40	19 j	0.3	<5	<5	1.4 j
39	**7.8**	60	**32000**	8.3	4 j	**410**	<0.2	<40	24 j	0.064	0.82 j	<5	3.7 j
42	**14**	65	**34000**	6.8	3.8 j	**540**	<0.2	<40	26 j	0.14	0.78 j	<5	2.5 j
46	**4.6 j**	65	**11000**	1.9	3 j	**350**	<0.2	<40	14 j	0.18	1.1 j	<5	4.3 j
37	**8.8**	74	**32000**	8.9	3.9 j	**430**	<0.2	<40	23 j	0.15	0.92 j	<5	2 j
24	**9.6**	58	**27000**	4.6	4 j	**800**	<0.2	<40	15 j	0.16	0.73 j	<5	1.6 j
180	**18**	140	**84000**	7.9	7.1	**280**	<0.2	<40	62	0.22	1.2 j	<5	2.5 j
300	**31**	190	**100000**	12	7.8	**1000**	<0.2	<40	88	0.16	1.2 j	<5	2.3 j
75	**16**	79	**58000**	13	4.9 j	**490**	<0.2	<40	29 j	0.22	0.94 j	1.8 j	1.2 j
51	**6.9**	63	**29000**	4.5	4.2 j	**400**	<0.2	<40	25 j	1.6	0.79 j	<5	1.7 j
69	**18**	100	**49000**	6.1	5	**710**	<0.2	<40	43	0.26	0.8 j	<5	2.3 j
35.3	**15.3**	21.8	**7300**	6.3	1.6	**590**	<0.2	1.3	5.4	0.27 B	<5	2.1	<5
0.68	**1.4**	1.6	140 M1	<0.5	3.5 M1	**4400 M1**	<0.2	6.7	<5 M1	<0.2 B	<5 M1	1.3	<5 M1
9 D3,B	**9.2 D3**	21.5 D3	**11200**	8.5 D3	2	**540**	<0.2	NA	21	<0.67	<5	4.5 D3	<5 L3
5 D3,B	**5 D3**	6.7 D3	**9000**	3.2 D3	1.4	**240**	<0.2	NA	7.7	<0.32	<5	<2.5 D3	<5 L3
2.9	**4.4**	19.5	**385**	1.1	1.43	**65.2**	<0.2	2.2	2.2	**204**	0.766	<0.5	7.4
35.1	**9.9**	61.7	**10400**	1.2	5.65	**233**	<0.2	0.38 j	17.6	<0.2	1.21	0.22 j	5.63
106	**23.4**	42	**14600**	2.2	11.1	**534**	<0.2	<0.5	37.2	<0.25	1.04	<0.5	4.42
5.6	**14.7**	94.4	**12100**	8.7	5.71	**307**	<0.2	<0.5	6.7	<0.26	2.07	<0.5	4.52
32.8	**14**	25.9	**28400**	13	8.18	**949**	<0.6	<2.5	19.7	0.26	1.2	<2.5	2.78
7.1	**17.9**	15.8	**41500**	11.3	4.9	**1690**	<0.2	0.26 j	11.8	<0.21	1.81	0.31 j	3.84
17.6	**20.2**	82.7	**17600**	1.6	8.15	**660**	<0.6	<0.5	18.5	0.33	2.55	<0.5	2.72
7.3	**12.9**	18.3	**12700**	1.5	6.8	**584**	<0.2	<0.5	9.2	0.36	3.38	<0.5	11.4
63.7	**38.2**	157	**58600**	1.2	21	**945**	<0.2	0.41 j	**185**	0.26	0.524	<0.5	2.53
1.3	**5.9**	31.7	**9850**	1.5	2.13	**237**	<0.2	0.7	1.7	<0.25	1.4	<0.5	4.63

Roxboro

, NORTH CAROLINA

ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg-N/L	mg/L	ug/L	mg/L
9.2	**5.4**	18	**26000**	7.9	3.32	**1660**	<0.2	7.8	7.1	0.47	7.17	0.46 j	7.49
58	**4 j**	26	**24000**	3.3	3.2 j	**110**	<0.2	<40	22 j	0.066	0.97 j	1.9 j	4.4 j
24	**12**	36	**29000**	3.5	4.3 j	**390**	<0.2	<40	12 j	3.8	0.73 j	<5	3.3 j
37	**5.3**	71	**33000**	5.7	7	**280**	<0.2	<40	21 j	7.7	0.81 j	<5	4.2 j
18	**5**	10	**15000**	4.8	3.5 j	**100**	<0.2	<40	11 j	0.075	1 j	<5	4.8 j
16	**3.1 j**	26	**13000**	1.7	2.5 j	**93**	<0.2	<40	7.5 j	6.7	0.69 j	<5	3.7 j
270	**7.4**	180	**46000**	3.9	5.9	**370**	<0.2	<40	64	**16**	1.1 j	<5	3.9 j
<0.5	0.56	<1	260	<0.5	3.3	**5600**	<0.2	302	<5	<0.2 B	<5	6.3	<5
<0.5	**5**	<1	80	<0.5	3.1	**7400**	<0.2	19.2	<5	<0.2 B	<5	1.8	5.3
24	**8.4**	20	**21000**	2.8	2.8 j	**170**	<0.2	<40	18 j	0.6	0.66 j	<5	1.4 j
7 j	**2 j**	6.3 j	**8200**	0.76 j	1.1 j	39	<0.2	<40	9.3 j	0.16	<5	<5	1.6 j
28	**6.3**	22	**35000**	4.4	2.7 j	**180**	<0.2	<40	19 j	0.18	0.95 j	<5	0.87 j
<10	<5	<10	**1200**	<1	<5	8.2 j	<0.2	<40	<40	0.2	<5	<5	3.8 j
77	**12**	95	**73000**	8.9	7.7	**230**	<0.2	<40	43	0.27	2.9 j	<5	2.7 j
130	**12**	110	**80000**	5.2	6.9	**250**	<0.2	<40	85	0.23	0.8 j	<5	2.1 j
84	**10**	63	**65000**	7.8	7	**300**	<0.2	<40	42	0.17	2.2 j	<5	3.9 j
130	**4.5 j**	35	**45000**	3.9	3.1 j	**58**	<0.2	<40	38 j	0.16	<5	<5	2.3 j
84	**13**	100	**75000**	8.5	4.6 j	**240**	<0.2	<40	50	0.2	0.85 j	<5	2.6 j
7.4 j	**2 j**	9.6 j	**11000**	0.94 j	1.8 j	39	<0.2	<40	8 j	0.16	<5	<5	1.5 j
30	**8.6**	34	**39000**	4.7	4.6 j	**380**	<0.2	<40	21 j	0.19	1.2 j	<5	1.9 j
43	**14**	35	**49000**	8.8	2.7 j	**280**	<0.2	<40	19 j	0.15	<5	<5	2.4 j
15	**16**	39	**61000**	6.1	3.4 j	**540**	<0.2	<40	20 j	0.6	0.97 j	2 j	15
<10	**1.4 j**	<10	**1300**	0.34 j	<5	24	<0.2	<40	<40	0.17	<5	<5	4.9 j
<10	<5	<10	65 j	<1	<5	14 j	<0.2	<40	<40	0.19	<5	<5	1.2 j
<10	<5	<10	**2800**	0.88 j	<5	14 j	<0.2	<40	<40	0.16	<5	<5	0.87 j
<10	<5	<10	**1600**	0.42 j	<5	8.2 j	<0.2	<40	<40	0.17	<5	<5	2.6 j
9.5 j	**4.5 j**	7.9 j	**14000**	3.1	1.6 j	**170**	<0.2	<40	7.1 j	0.18	0.97 j	<5	2.1 j
5.4 j	**3.4 j**	4.7 j	**8300**	2.3	1.4 j	**75**	<0.2	<40	5.2 j	0.16	<5	<5	2.7 j
<10	<5	<10	**1800**	0.32 j	<5	**67**	<0.2	<40	<40	0.16	<5	<5	1.3 j

Roxboro

, NORTH CAROLINA

ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg-N/L	mg/L	ug/L	mg/L
20	**6.3**	45	**23000**	3	3.2 j	**200**	<0.2	<40	13 j	0.29	1 j	<5	3.2 j
1.8 j	<5	<10	**5000**	3.3	0.68 j	15	<0.2	<40	<40	0.32	1 j	<5	2.6 j
46	**6.3**	46	**47000**	4.6	2.8 j	**160**	<0.2	<40	20 j	0.3	<5	<5	1.6 j
4 j	<5	6.6 j	**3900**	0.94 j	5.8	18	<0.2	6 j	<40	0.23	0.71 j	1.5 j	4.7 j
19	**8.8**	17	**20000**	3	2.9 j	**110**	<0.2	<40	12 j	0.16	0.92 j	<5	1.3 j
0.96	**7.5**	<1	290	<0.5	4.3	**6400**	<0.2	2.3	5.5	<0.2 B	<5	1.9	<5
101 D3	**99.1 D3**	104 D3	**24400**	**104 D3**	2.2	**630**	<0.2	NA	13	<0.32	<5	**97.6 D3**	<5 L3
6.8 D3,B	**12.2 D3**	8.4 D3	**20000**	10.4 D3	1.1	**280**	<0.2	NA	14	<0.27	<5	3 D3	5.5 L1,B

Roxboro

, NORTH CAROLINA

ug/L	mg/L	ug/L	ug/L	ug/L
NE	**250**	**0.2***	**0.3***	**1000**

Strontium	Sulfate	Thallium	Vanadium	Zinc
34.4	19.8	<0.1	<1	236
34.5	5.1	0.13	**64.5**	129
694	135	**0.39**	**58.4**	206
80.4	5.2	**0.23**	**181**	214
59.6	27.6	**0.26**	**0.56 j**	**4050**
39.3	26.6	<0.1	**0.46 j**	61.9
14.9	4.6	<0.1	**0.57 j**	54.7
222	50.3	<0.1	**43.2**	147
92.4	45.8	<0.1	**14.6**	136
178	24.4	<0.1	**29.3**	50.5
54.2	7.2	<0.1	**1.7**	557
27.2	3.4	<0.1	**13**	24.2
194	26.7	0.17	**9.4**	325
33.8	6	<0.1	**91.5**	28.2
114	4	<0.5	**114**	80.6
23	20.6 B	<0.5 D3	**125 D3**	<50
78	157	<0.5 D3	**47.1 D3**	<50
13	29.9 B	<0.5 D3	**58.9 D3**	<50

Roxboro

, NORTH CAROLINA

ug/L	mg/L	ug/L	ug/L	ug/L
260	5.5 B	<0.1	**126**	160
43	19.9 B	**0.59**	**43.7**	300
45	15.7 B	**0.61**	**42**	120
45	17.8 B	**0.33**	**79.5**	180
22	1.3	<0.5	**47**	27
32	1.4	<0.5	**81**	45
28	1.9	<0.5	**93**	38
23	2.1	<0.5	**21**	16 j
37	3.9	<0.5	**91**	50
28	2.9	<0.5	**73**	21
70	2	<0.5	**250**	74
67	2.2	<0.5	**310**	85
42	1.2	<0.5	**180**	51
36	1.1	<0.5	**76**	34
33	1.4	<0.5	**130**	40
17	7.2 B	<0.1	**89.5**	200
270 M1	77.3 B	<0.1	**2.1**	190 M1
77	122	**0.78 D3**	**71.8 D3**	<50
36	29 B	<0.5 D3	**25.2 D3**	<50
40.7	4.8	<0.1	**21.8**	213
53.2	6.4	0.022 j	**52.7**	57.7
34.8	4.5	0.021 j	**53.9**	94.5
59.3	4.7	<0.1	**60.4**	95.5
80.6	4	<0.5	**124**	129
50.9	2.8	0.056 j	**97.6**	129
42.8	2.8	<0.1	**57.4**	53
47.6	2.9	<0.1	**42.5**	46.5
32.4	3.8	0.023 j	**27.8**	94.9
31.6	4.2	<0.1	**22.4**	53.7

Roxboro

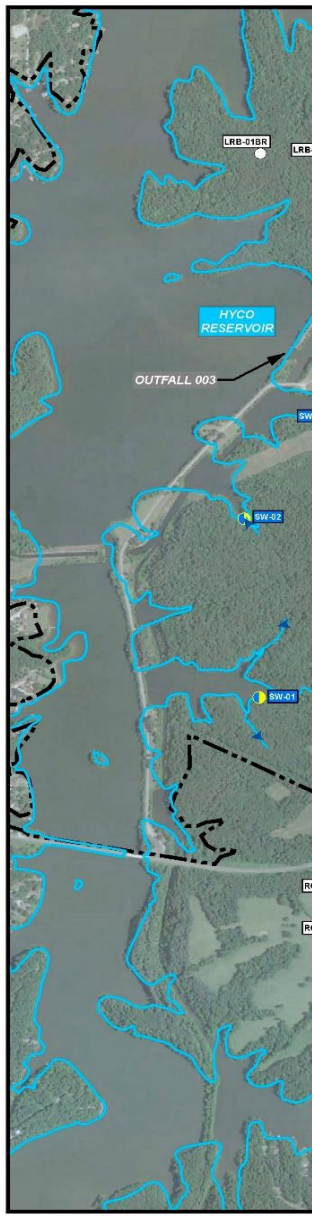
, NORTH CAROLINA

ug/L	mg/L	ug/L	ug/L	ug/L
58.3	3.2	0.15	**20.8**	155
35	6.1	<0.5	**60**	24
45	2.5	<0.5	**97**	25
73	6.2	<0.5	**110**	48
34	5.6	<0.5	**41**	33
41	27	<0.5	**49**	14 j
46	8.4	<0.5	**94**	46
360	12.4 B	<0.1	**1.7**	93
200	65.7 B	<0.1	**0.67**	180
11	1.6	<0.5	**55**	39
8.8 j	2.4	<0.5	**22**	13 j
16	1.2	<0.5	**110**	44
9.8 j	2.3	<0.5	<5	5.7 j
47	0.89 j	**0.23 j**	**210**	88
44	1	<0.5	**230**	53
46	1.9	0.18 j	**170**	65
19	3.2	<0.5	**120**	43
42	1.2	<0.5	**220**	70
10	2.2	<0.5	**36**	17 j
25	0.9 j	<0.5	**100**	52
20	1.6	<0.5	**130**	40
54	4.4	<0.5	**160**	57
7.1 j	5.6	<0.5	**3.6 j**	6 j
7.1 j	1.8	<0.5	<5	3.3 j
13	2.6	<0.5	**6.5**	8.4 j
8.3 j	2	<0.5	**4.3 j**	5.7 j
14	0.91 j	<0.5	**35**	27
16	2.5	<0.5	**21**	20
15	2.9	<0.5	**4.4 j**	7.4 j

Roxboro

, NORTH CAROLINA

ug/L	mg/L	ug/L	ug/L	ug/L
33	1	<0.5	**50**	38
22	2.1	<0.5	**9.3**	10 j
28	2.8	<0.5	**140**	37
120	60	<0.5	**16**	7.7 j
35	5.3	<0.5	**49**	29
270	76.1 B	0.11	**0.91**	210
51	25.9 B	**103 D3**	**99.8 D3**	<50
19	11.2 B	<0.5 D3	**35.9 D3**	<50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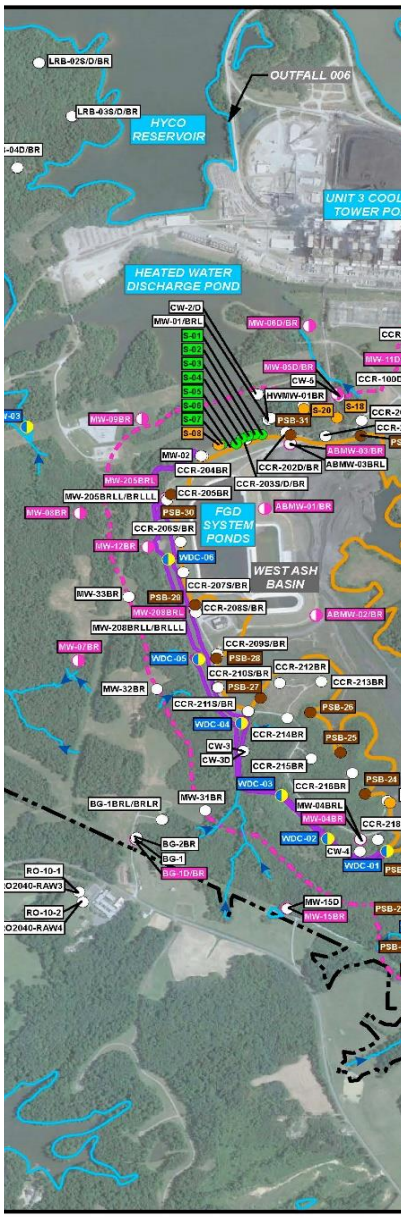
HYCO
RESERVOIR
OUTFALL 003
SW-02
SW-01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OUTFALL 006
LRB-03S/D/BR
HYCO RESERVOIR
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HEATED WATER DISCHARGE POND
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MW-01/BRL
MW-06D/BR
S-01
S-02
S-03
S-04
S-05
S-06
S-07
S-08
MW-05D/BR
CW-5
HW#/MW-01BR
S-18
S-20
PSB-31
MW-09BR
MW-02
CCR-204BR
CCR-202D/BR
ABMW-03BR
ABMW-03BRL
CCR-203S/D/BR
MW-205BRL
MW-205BRLL/BRLLL
CCR-205BR
MW-08BR
PSB-30
FGD SYSTEM PONDS
ABMW-01/BR
CCR-206S/BR
MW-12BR
WDC-06
WEST ASH BASIN
CCR-207S/BR
MW-33BR
PSB-29
MW-208BRL
CCR-208S/BR
ABMW-02/BR
MW-208BRLL/BRLLL
MW-07BR
CCR-209S/BR
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PSB-28
CCR-210S/BR
CCR-212BR
CCR-213BR
MW-32BR
PSB-27
CCR-211S/BR
PSB-26
WDC-04
CCR-214BR
PSB-25
CW-3
CW-3D
CCR-215BR
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CCR-216BR
PSB-24
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BG-1
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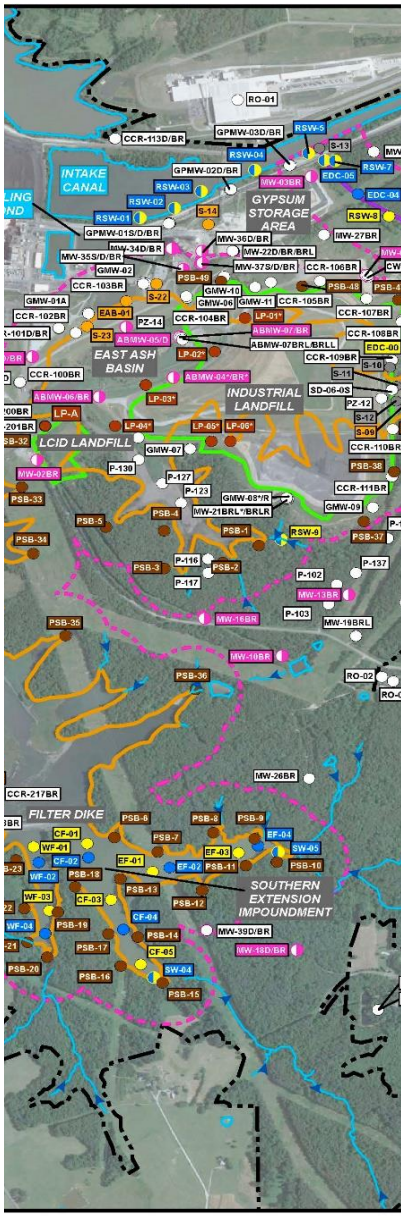
INTAKE CANAL
GYPSUM STORAGE AREA
EAST ASH BASIN
INDUSTRIAL LANDFILL
LCID LANDFILL
FILTER DIKE
SOUTHERN EXTENSION IMPOUNDMENT
RO-01
CCR-113D/BR
GPMW-03D/BR
RSW-5
S-13
RSW-04
GPMW-02D/BR
RSW-7
EDC-05
MW-03BR
RSW-03
EDC-04
RSW-02
S-14
RSW-8
RSW-01
GPMW-01S/D/BR
MW-27BR
MW-36D/BR
MW-34D/BR
MW-22D/BR/BRL
MW-35S/D/BR
GMW-02
MW-37S/D/BR
CCR-106BR
PSB-49
CCR-103BR
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LP-01*
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CF-02
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EF-02
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CF-03
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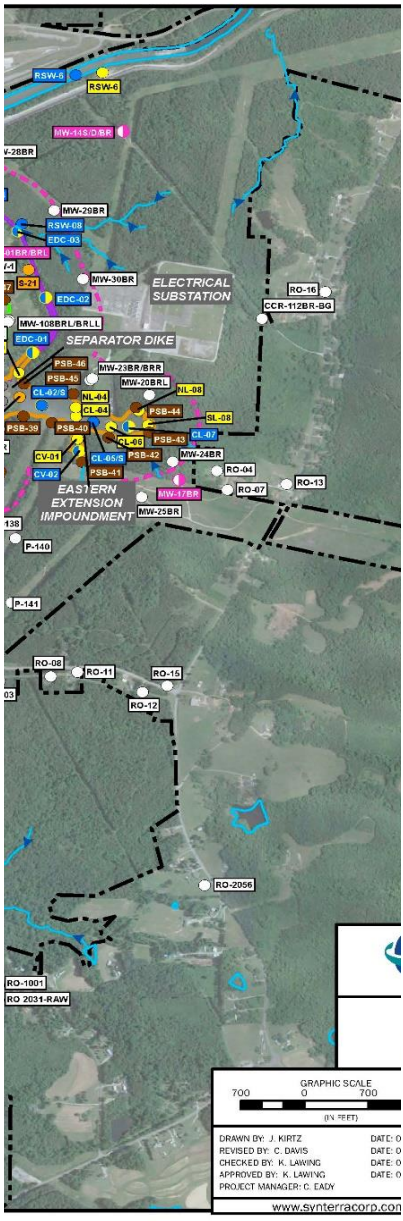
SW-04
PSB-15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MW-30BR
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EDC-02
RO-16
CCR-112BR-BG
MW-108BRL/BRLL
EDC-01
SEPARATOR DIKE
PSB-46
MW-23BR/BRR
PSB-45
MW-20BRL
NL-08
CL-62/S
NL-04
CL-64
PSB-44
SL-08
PSB-39
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CL-46
PSB-43
CL-67
CV-01
CL-65/S
PSB-42
MW-24BR
RO-04
RO-13
CV-02
PSB-41
RO-07
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P-141
RO-08
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RO-12
RO-2056
RO-1001
RO 2031-RAW
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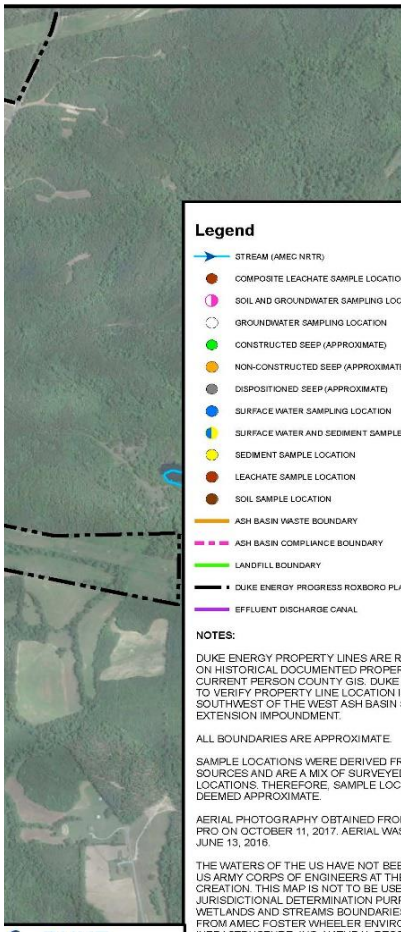
700 0 700
(IN FEET)
DRAWN BY: J. KIRTZ
REVISED BY: C. DAVIS
CHECKED BY: K. LAWING
APPROVED BY: K. LAWING
PROJECT MANAGER: C. EADY
www.synterracorp.com


Legend
STREAM (AMEC NRTR)
COMPOSITE LEACHATE SAMPLE LOCATIO
SOIL AND GROUNDWATER SAMPLING LOC
GROUNDWATER SAMPLING LOCATION
CONSTRUCTED SEEP (APPROXIMATE)
NON-CONSTRUCTED SEEP (APPROXIMATI
DISPOSITIONED SEEP (APPROXIMATE)
SURFACE WATER SAMPLING LOCATION
SURFACE WATER AND SEDIMENT SAMPLE
SEDIMENT SAMPLE LOCATION
LEACHATE SAMPLE LOCATION
SOIL SAMPLE LOCATION
ASH BASIN WASTE BOUNDARY
ASH BASIN COMPLIANCE BOUNDARY
LANDFILL BOUNDARY
DUKE ENERGY PROGRESS ROXBORO PLA
EFFLUENT DISCHARGE CANAL
NOTES:
DUKE ENERGY PROPERTY LINES ARE R
ON HISTORICAL DOCUMENTED PROPEF
CURRENT PERSON COUNTY GIS. DUKE
TO VERIFY PROPERTY LINE LOCATION I
SOUTHWEST OF THE WEST ASH BASIN
EXTENSION IMPOUNDMENT.
ALL BOUNDARIES ARE APPROXIMATE.
SAMPLE LOCATIONS WERE DERIVED FR
SOURCES AND ARE A MIX OF SURVEYEI
LOCATIONS. THEREFORE, SAMPLE LOC
DEEMED APPROXIMATE.
AERIAL PHOTOGRAPHY OBTAINED FRO
PRO ON OCTOBER 11, 2017. AERIAL WA
JUNE 13, 2016.
THE WATERS OF THE US HAVE NOT BEE
US ARMY CORPS OF ENGINEERS AT THI
CREATION. THIS MAP IS NOT TO BE USE
JURISDICTIONAL DETERMINATION PURI
WETLANDS AND STREAMS BOUNDARIE
FROM AMEC FOSTER WHEELER ENVIRC
INFRASTRUCTURE, INC. NATURAL RESC
REPORT (NRTR) FOR ROXBORO STEAM
DATED JULY 2, 2015.
WSP SURVEY CONDUCTED APRIL 17, 20
DRAWING HAS BEEN SET WITH A PROJE
CAROLINA STATE PLANE COORDINATE S
(NAD83).
* ABANDONED
DUKE ENERGY PROGRESS
synterra
1,400
05/08/2019
09/25/2019
09/25/2019
09/25/2019
FIGURE 1
SAMPLE LOCATIOI
ROXBORO STEAM ELECTF
SEMORA, NORTH CAR

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CATION

E)

E LOCATION

ANT BOUNDARY

REPRESENTED BASED
RTY BOUNDARIES AND
: ENERGY IS WORKING
IN THE AREA
SOUTHERN

ROM VARIOUS
D AND APPROXIMATE
CATIONS ARE TO BE

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EN APPROVED BY THE
E TIME OF THE MAP
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S WERE OBTAINED
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OURCE TECHNICAL
ELECTRIC PLANT

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ECTION OF NORTH
SYSTEM FIPS 3200

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