

```

Hour 11 is processed for all averages
Hour 12 is processed for all averages
Hour 13 is processed for all averages
Hour 14 is processed for all averages
Hour 15 is processed for all averages
Hour 16 is processed for all averages
Hour 17 is processed for all averages
Hour 18 is processed for all averages
Hour 19 is processed for all averages
Hour 20 is processed for all averages
Hour 21 is processed for all averages
Hour 22 is processed for all averages
Hour 23 is processed for all averages
Hour 24 is processed for all averages
aspec,ilayer      =PM2.5      1
asplv             =PM2.5      1
NO2CALC          = 1
NO2 Converted from NOx by Single Factor
  RNO2NOX        = 1.00000000
MSOURCE          = 0
MCALMPRO        = 0
MET1FMT         = 1
LG,LD,LCT,LDRING = T T F F
IBGRID,IEGRID   = 1 51
JBGRID,JEGRID   = 1 51
NDRECP          =
1 1 1
a,b,LSCALE      = 0.00000000E+00 0.00000000E+00 F
(b is in internal data units)
LBACK          = F
MVISBK        = 8
MVISCHECK     = 1
AREANAME      =USER
MFRH         = 4
RHMAX,BEXTRAY = 95.0000000 10.0000000
RHFRAC,BEXTBK = 0.00000000E+00 0.00000000E+00
LVSO4,LVNO3,LVNO2 = T T F
LVOC,LVEC     = T T
LVPMC,LVPMF,LVBK = T T T
SPECPMC,SPECPMF =PMC      PMF
EELPMCBK      = 0.600000024 1.00000000 0.600000024
EESO4,EENO3,EEOC = 3.00000000 3.00000000 4.00000000
EESO4S,EENO3S,EEOCS = 2.20000005 2.40000010 2.79999995
EESO4L,EENO3L,EEOCL = 4.80000019 5.09999990 6.09999990
EESOIL,EEEC,EENO2 = 1.00000000 10.0000000 0.175500005
navg,ntop     = 0 1
navgh,navgm,navgs = 0 0 0
itop          = 1
itops         = 0
L[1,3,24]HR   = F F T
LNAVG,LRUNL   = F T
LT50,LTOPN,LEXCD = T T F
LECHO,LTIME,LPEAK = F F F
LCUM          = F
THRESH1      = -1.00000000
THRESH3      = -1.00000000
THRESH24     = -1.00000000
THRESHN      = -1.00000000
(Thresholds in output data units)(ug/m**3)
STHRESH1     = -1.00000000

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STHRESH3 = -1.00000000  
STHRESH24 = -1.00000000  
STHRESHN = -1.00000000  
(S-Thresholds in internal data units)  
LPLT,IPLOTFM = T 1  
MDVIS = 0  
LDEBUG = F  
LCTSG = F

CONTENTS OF HEADER OF MODEL OUTPUT FILE -----

model : CALPUFF 7.3.1 171016  
msyr,mjsday = 2008 366  
mshr,mssec = 23 0  
nsecdt (period) = 3600  
axbtz = UTC+1000  
xbtz = -10.0000000  
mnper,nszout,mavgpd = 8760 3 1  
xorigkm,yorigkm,nssta = 709.800049 6048.30029 0  
ielmet,jelmet = 101 101  
delx,dely,nz = 0.200000003 0.200000003 1  
iastar,iastop,jastar,jastop = 1 101 1 101  
isastr,isastp,jsastr,jsastp = 38 63 38 63  
(computed) ngx,ngy = 51 51  
meshdn = 2  
ndrec,nctrec,LSGRID = 3 0 T

Discrete Receptors (n,x,y,z,ht,group):

1 720.197083 6058.28857 17.0000000 0.00000000E+00 1  
2 720.554077 6057.76270 25.0000000 0.00000000E+00 2  
3 719.615051 6057.70947 56.0000000 0.00000000E+00 3

Discrete Receptor Groups (group,name):

1 1  
2 2  
3 3

Number of Sources by Type

Control-file POINT Sources : 0  
EMARB-file POINT Sources : 0  
Control-file AREA Sources : 0  
EMARB-file AREA Sources : 0  
Control-file LINE Sources : 0  
EMARB-file LINE Sources : 0  
Control-file VOLUME Sources: 22  
EMARB-file VOLUME Sources : 0  
(boundary sources) : 0  
Control-file FLARE Sources : 0  
EMARB-file FLARE Sources : 0  
Control-file ROAD Sources : 0  
EMARB-file ROAD Sources : 0  
Control-file SPRAY Sources : 0  
EMARB-file SPRAY Sources : 0

Source Names

WE1  
WE2  
WE3  
WE4  
WE5  
VT1  
VT2

VT3  
 VT4  
 VT5  
 VT6  
 VT7  
 VT8  
 VT9  
 VT10  
 UNLD  
 EXCV1  
 EXCV2  
 EXCV3  
 SHD1  
 SHD2  
 SHD3

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 INPUT FILES

Default Name	Unit No.	File Name and Path
CALPOST.INP	5	KIPT_Stage_2_calpost1.inp
MODEL.DAT	4	

c:\users\public\documents\work\20180706\calpuff.con

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 OUTPUT FILES

Default Name	Unit No.	File Name and Path
CALPOST.LST	8	calpost1.lst
(TOPN)	11	RANK()_SPECIES_ttHR_CONC_r1.DAT

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 CALPOST Version 7.2.0

Level 150720

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PM2.5 1

TOP-50 24 HOUR AVERAGE CONCENTRATION VALUES (ug/m\*\*3)

(Data are processed only in Hours: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15  
 16 17 18 19 20 21 22 23 24)

STARTING YEAR DAY TIME(HHMM) RECEPTOR TYPE CONCENTRATION COORDINATES  
 (km)

2009 118 2300 ( 28, 27) G 6.4578E+00 720.000  
 6058.400

6058.500	2009	332	2300	( 28, 28)	G	4.5755E+00	720.000
6058.500	2009	13	2300	( 28, 28)	G	4.5361E+00	720.000
6058.200	2009	118	2300	( 28, 25)	G	4.5080E+00	720.000
6058.500	2009	357	2300	( 28, 28)	G	4.1789E+00	720.000
6058.400	2009	200	2300	( 28, 27)	G	4.1303E+00	720.000
6058.400	2009	161	2300	( 28, 27)	G	4.0945E+00	720.000
6058.300	2009	332	2300	( 28, 26)	G	3.9744E+00	720.000
6058.300	2009	172	2300	( 27, 26)	G	3.9739E+00	719.900
6058.300	2009	13	2300	( 28, 26)	G	3.9539E+00	720.000
6058.300	2009	199	2300	( 27, 26)	G	3.8214E+00	719.900
6058.400	2009	167	2300	( 28, 27)	G	3.8111E+00	720.000
6058.300	2009	200	2300	( 27, 26)	G	3.8074E+00	719.900
6058.100	2009	172	2300	( 27, 24)	G	3.7959E+00	719.900
6058.200	2009	172	2300	( 27, 25)	G	3.7930E+00	719.900
6058.400	2009	219	2300	( 28, 27)	G	3.7906E+00	720.000
6058.200	2009	199	2300	( 27, 25)	G	3.7694E+00	719.900
6058.200	2009	161	2300	( 28, 25)	G	3.7274E+00	720.000
6058.300	2009	357	2300	( 28, 26)	G	3.6841E+00	720.000
6058.500	2009	38	2300	( 28, 28)	G	3.6617E+00	720.000
6058.400	2009	64	2300	( 27, 27)	G	3.5368E+00	719.900
6058.100	2009	199	2300	( 27, 24)	G	3.5125E+00	719.900
6058.400	2009	145	2300	( 27, 27)	G	3.5064E+00	719.900
6058.100	2009	161	2300	( 27, 24)	G	3.4946E+00	719.900
6058.200	2009	161	2300	( 27, 25)	G	3.4903E+00	719.900
6058.100	2009	199	2300	( 28, 24)	G	3.4507E+00	720.000
6058.200	2009	193	2300	( 27, 25)	G	3.4279E+00	719.900
6058.400	2009	166	2300	( 27, 27)	G	3.4015E+00	719.900
6058.200	2009	200	2300	( 28, 25)	G	3.3893E+00	720.000
6058.300	2009	350	2300	( 28, 26)	G	3.3693E+00	720.000
6058.400	2009	199	2300	( 28, 27)	G	3.3257E+00	720.000

6058.400	2009	120	2300	( 27, 27)	G	3.3223E+00	719.900
6058.300	2009	178	2300	( 27, 26)	G	3.3076E+00	719.900
6058.200	2009	134	2300	( 27, 25)	G	3.3040E+00	719.900
6058.100	2009	172	2300	( 28, 24)	G	3.2934E+00	720.000
6058.400	2009	162	2300	( 28, 27)	G	3.2933E+00	720.000
6058.300	2009	113	2300	( 27, 26)	G	3.2646E+00	719.900
6058.300	2009	161	2300	( 27, 26)	G	3.2646E+00	719.900
6058.200	2009	199	2300	( 28, 25)	G	3.2511E+00	720.000
6058.400	2009	172	2300	( 28, 27)	G	3.2476E+00	720.000
6058.300	2009	118	2300	( 27, 26)	G	3.2467E+00	719.900
6058.500	2009	6	2300	( 28, 28)	G	3.2438E+00	720.000
6058.200	2009	179	2300	( 27, 25)	G	3.2363E+00	719.900
6058.400	2009	175	2300	( 28, 27)	G	3.2329E+00	720.000
6058.500	2009	91	2300	( 28, 28)	G	3.2282E+00	720.000
6058.100	2009	162	2300	( 27, 24)	G	3.2100E+00	719.900
6058.200	2009	198	2300	( 27, 25)	G	3.2077E+00	719.900
6058.200	2009	182	2300	( 27, 25)	G	3.1993E+00	719.900
6058.200	2009	162	2300	( 28, 25)	G	3.1974E+00	720.000
6058.300	2009	179	2300	( 27, 26)	G	3.1902E+00	719.900

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PM2.5 1

TOP-50 8760 HOUR AVERAGE CONCENTRATION VALUES (ug/m\*\*3)

(Data are processed only in Hours: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15  
16 17 18 19 20 21 22 23 24)

STARTING YEAR DAY TIME(HHMM) RECEPTOR TYPE CONCENTRATION COORDINATES  
(km)

6058.400	2008	366	2300	( 27, 27)	G	1.1506E+00	719.900
6058.400	2008	366	2300	( 28, 27)	G	1.1463E+00	720.000

6058.300	2008	366	2300	( 27, 26)	G	1.1458E+00	719.900
6058.300	2008	366	2300	( 28, 26)	G	1.1231E+00	720.000
6058.200	2008	366	2300	( 27, 25)	G	9.6231E-01	719.900
6058.200	2008	366	2300	( 28, 25)	G	8.0059E-01	720.000
6058.300	2008	366	2300	( 26, 26)	G	6.3186E-01	719.800
6058.500	2008	366	2300	( 28, 28)	G	6.2250E-01	720.000
6058.400	2008	366	2300	( 26, 27)	G	5.8985E-01	719.800
6058.500	2008	366	2300	( 27, 28)	G	5.1798E-01	719.900
6058.500	2008	366	2300	( 26, 28)	G	5.0842E-01	719.800
6058.100	2008	366	2300	( 27, 24)	G	4.9068E-01	719.900
6058.200	2008	366	2300	( 26, 25)	G	4.8875E-01	719.800
6058.600	2008	366	2300	( 26, 29)	G	4.3157E-01	719.800
6058.100	2008	366	2300	( 28, 24)	G	4.0716E-01	720.000
6058.300	2008	366	2300	( 29, 26)	G	3.9240E-01	720.100
6058.400	2008	366	2300	( 29, 27)	G	3.8332E-01	720.100
6058.700	2008	366	2300	( 26, 30)	G	3.6726E-01	719.800
6058.200	2008	366	2300	( 29, 25)	G	3.4480E-01	720.100
6058.600	2008	366	2300	( 27, 29)	G	3.3838E-01	719.900
6058.800	2008	366	2300	( 26, 31)	G	3.1852E-01	719.800
6058.900	2008	366	2300	( 26, 32)	G	3.1768E-01	719.800
6058.700	2008	366	2300	( 27, 30)	G	3.1753E-01	719.900
6058.800	2008	366	2300	( 27, 31)	G	3.0383E-01	719.900
6058.900	2008	366	2300	( 27, 32)	G	2.8783E-01	719.900
6059.000	2008	366	2300	( 26, 33)	G	2.7807E-01	719.800
6058.800	2008	366	2300	( 25, 31)	G	2.7436E-01	719.700
6058.600	2008	366	2300	( 28, 29)	G	2.7134E-01	720.000
6058.900	2008	366	2300	( 25, 32)	G	2.6867E-01	719.700
6058.500	2008	366	2300	( 29, 28)	G	2.5754E-01	720.100
6059.000	2008	366	2300	( 27, 33)	G	2.4904E-01	719.900
6058.100	2008	366	2300	( 26, 24)	G	2.4369E-01	719.800

6058.700	2008	366	2300	( 25, 30)	G	2.4353E-01	719.700
6059.000	2008	366	2300	( 25, 33)	G	2.3157E-01	719.700
6058.700	2008	366	2300	( 28, 30)	G	2.2640E-01	720.000
6058.400	2008	366	2300	( 25, 27)	G	2.2393E-01	719.700
6058.500	2008	366	2300	( 25, 28)	G	2.1867E-01	719.700
6058.100	2008	366	2300	( 29, 24)	G	2.1566E-01	720.100
6058.800	2008	366	2300	( 28, 31)	G	2.1191E-01	720.000
6058.600	2008	366	2300	( 25, 29)	G	2.0999E-01	719.700
6058.300	2008	366	2300	( 25, 26)	G	2.0957E-01	719.700
6059.100	2008	366	2300	( 26, 34)	G	2.0555E-01	719.800
6058.289	2008	366	2300	( 0, 1)	D	2.0234E-01	720.197
6058.300	2008	366	2300	( 30, 26)	G	1.9660E-01	720.200
6058.600	2008	366	2300	( 29, 29)	G	1.9442E-01	720.100
6058.900	2008	366	2300	( 28, 32)	G	1.9045E-01	720.000
6059.100	2008	366	2300	( 27, 34)	G	1.8660E-01	719.900
6058.400	2008	366	2300	( 30, 27)	G	1.8119E-01	720.200
6058.200	2008	366	2300	( 30, 25)	G	1.8064E-01	720.200
6059.100	2008	366	2300	( 25, 34)	G	1.7790E-01	719.700

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Level 150720

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PM2.5 1

1 RANKED 24 HOUR AVERAGE CONCENTRATION VALUES AT EACH GRIDDED RECEPTOR  
(YEAR, DAY, START TIME) (ug/m\*\*3)

(Data are processed only in Hours: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15  
16 17 18 19 20 21 22 23 24)

RECEPTOR	COORDINATES (km)		1 RANK
1, 1	717.300	6055.800	2.8650E-02 (2009,153,2300)
1, 2	717.300	6055.900	2.8193E-02 (2009,153,2300)
1, 3	717.300	6056.000	2.7629E-02 (2009,153,2300)
1, 4	717.300	6056.100	2.6957E-02 (2009,153,2300)
1, 5	717.300	6056.200	2.6193E-02 (2009,153,2300)
1, 6	717.300	6056.300	2.5341E-02 (2009,153,2300)

1, 7	717.300	6056.400	2.4680E-02	(2009,117,2300)
1, 8	717.300	6056.500	2.8464E-02	(2009,117,2300)
1, 9	717.300	6056.600	3.1311E-02	(2009,117,2300)
1, 10	717.300	6056.700	3.2829E-02	(2009,117,2300)
1, 11	717.300	6056.800	3.2831E-02	(2009,117,2300)
1, 12	717.300	6056.900	3.1396E-02	(2009,117,2300)
1, 13	717.300	6057.000	2.8817E-02	(2009,117,2300)
1, 14	717.300	6057.100	2.5524E-02	(2009,117,2300)
1, 15	717.300	6057.200	2.1963E-02	(2009,117,2300)
1, 16	717.300	6057.300	1.9712E-02	(2009,175,2300)
1, 17	717.300	6057.400	2.1592E-02	(2009,123,2300)
1, 18	717.300	6057.500	2.6294E-02	(2009,123,2300)
1, 19	717.300	6057.600	3.1474E-02	(2009,123,2300)
1, 20	717.300	6057.700	3.6820E-02	(2009,123,2300)
1, 21	717.300	6057.800	4.1991E-02	(2009,123,2300)
1, 22	717.300	6057.900	4.6620E-02	(2009,123,2300)
1, 23	717.300	6058.000	5.0343E-02	(2009,123,2300)
1, 24	717.300	6058.100	5.2922E-02	(2009,123,2300)
1, 25	717.300	6058.200	5.4236E-02	(2009,123,2300)
1, 26	717.300	6058.300	5.4285E-02	(2009,123,2300)
1, 27	717.300	6058.400	5.3197E-02	(2009,123,2300)
1, 28	717.300	6058.500	5.1179E-02	(2009,123,2300)
1, 29	717.300	6058.600	4.8454E-02	(2009,123,2300)
1, 30	717.300	6058.700	4.8308E-02	(2009,138,2300)
1, 31	717.300	6058.800	4.7911E-02	(2009,138,2300)
1, 32	717.300	6058.900	5.0904E-02	(2009,140,2300)
1, 33	717.300	6059.000	5.5716E-02	(2009,140,2300)
1, 34	717.300	6059.100	5.8119E-02	(2009,140,2300)
1, 35	717.300	6059.200	5.3500E-02	(2009,140,2300)
1, 36	717.300	6059.300	5.3496E-02	(2009,140,2300)
1, 37	717.300	6059.400	5.0736E-02	(2009,140,2300)
1, 38	717.300	6059.500	4.5448E-02	(2009,140,2300)
1, 39	717.300	6059.600	4.2077E-02	(2009,281,2300)
1, 40	717.300	6059.700	4.7793E-02	(2009,001,2300)
1, 41	717.300	6059.800	5.3398E-02	(2009,001,2300)
1, 42	717.300	6059.900	5.6450E-02	(2009,001,2300)
1, 43	717.300	6060.000	5.6030E-02	(2009,001,2300)
1, 44	717.300	6060.100	5.3999E-02	(2009,136,2300)
1, 45	717.300	6060.200	5.7862E-02	(2009,136,2300)
1, 46	717.300	6060.300	6.2055E-02	(2009,298,2300)
1, 47	717.300	6060.400	6.7448E-02	(2009,298,2300)
1, 48	717.300	6060.500	6.8950E-02	(2009,298,2300)
1, 49	717.300	6060.600	6.6403E-02	(2009,298,2300)
1, 50	717.300	6060.700	6.0469E-02	(2009,298,2300)
1, 51	717.300	6060.800	5.7056E-02	(2009,031,2300)
2, 1	717.400	6055.800	3.0695E-02	(2009,153,2300)
2, 2	717.400	6055.900	3.0268E-02	(2009,153,2300)
2, 3	717.400	6056.000	2.9716E-02	(2009,153,2300)
2, 4	717.400	6056.100	2.9046E-02	(2009,153,2300)
2, 5	717.400	6056.200	2.8262E-02	(2009,153,2300)
2, 6	717.400	6056.300	2.7376E-02	(2009,153,2300)
2, 7	717.400	6056.400	2.6400E-02	(2009,153,2300)
2, 8	717.400	6056.500	2.6612E-02	(2009,117,2300)
2, 9	717.400	6056.600	3.0299E-02	(2009,117,2300)
2, 10	717.400	6056.700	3.2830E-02	(2009,117,2300)
2, 11	717.400	6056.800	3.3842E-02	(2009,117,2300)
2, 12	717.400	6056.900	3.3255E-02	(2009,117,2300)
2, 13	717.400	6057.000	3.1239E-02	(2009,117,2300)
2, 14	717.400	6057.100	2.8213E-02	(2009,117,2300)
2, 15	717.400	6057.200	2.4666E-02	(2009,117,2300)



2, 16	717.400	6057.300	2.1687E-02	(2009,175,2300)
2, 17	717.400	6057.400	2.1656E-02	(2009,123,2300)
2, 18	717.400	6057.500	2.6616E-02	(2009,123,2300)
2, 19	717.400	6057.600	3.2140E-02	(2009,123,2300)
2, 20	717.400	6057.700	3.7910E-02	(2009,123,2300)
2, 21	717.400	6057.800	4.3561E-02	(2009,123,2300)
2, 22	717.400	6057.900	4.8664E-02	(2009,123,2300)
2, 23	717.400	6058.000	5.2787E-02	(2009,123,2300)
2, 24	717.400	6058.100	5.5635E-02	(2009,123,2300)
2, 25	717.400	6058.200	5.7062E-02	(2009,123,2300)
2, 26	717.400	6058.300	5.7046E-02	(2009,123,2300)
2, 27	717.400	6058.400	5.5739E-02	(2009,123,2300)
2, 28	717.400	6058.500	5.3377E-02	(2009,123,2300)
2, 29	717.400	6058.600	5.0274E-02	(2009,123,2300)
2, 30	717.400	6058.700	5.1127E-02	(2009,138,2300)
2, 31	717.400	6058.800	5.0466E-02	(2009,138,2300)
2, 32	717.400	6058.900	5.4400E-02	(2009,140,2300)
2, 33	717.400	6059.000	6.0365E-02	(2009,140,2300)
2, 34	717.400	6059.100	6.3438E-02	(2009,140,2300)
2, 35	717.400	6059.200	5.6410E-02	(2009,140,2300)
2, 36	717.400	6059.300	5.5710E-02	(2009,140,2300)
2, 37	717.400	6059.400	5.1984E-02	(2009,140,2300)
2, 38	717.400	6059.500	4.5599E-02	(2009,140,2300)
2, 39	717.400	6059.600	4.5223E-02	(2009,001,2300)
2, 40	717.400	6059.700	5.2027E-02	(2009,001,2300)
2, 41	717.400	6059.800	5.6918E-02	(2009,001,2300)
2, 42	717.400	6059.900	5.8619E-02	(2009,001,2300)
2, 43	717.400	6060.000	5.6447E-02	(2009,001,2300)
2, 44	717.400	6060.100	5.8740E-02	(2009,136,2300)
2, 45	717.400	6060.200	6.1930E-02	(2009,298,2300)
2, 46	717.400	6060.300	6.8669E-02	(2009,298,2300)
2, 47	717.400	6060.400	7.1489E-02	(2009,298,2300)
2, 48	717.400	6060.500	7.0003E-02	(2009,298,2300)
2, 49	717.400	6060.600	6.4689E-02	(2009,298,2300)
2, 50	717.400	6060.700	5.7108E-02	(2009,031,2300)
2, 51	717.400	6060.800	6.9808E-02	(2009,031,2300)
3, 1	717.500	6055.800	3.4036E-02	(2009,220,2300)
3, 2	717.500	6055.900	3.2560E-02	(2009,153,2300)
3, 3	717.500	6056.000	3.2043E-02	(2009,153,2300)
3, 4	717.500	6056.100	3.1384E-02	(2009,153,2300)
3, 5	717.500	6056.200	3.0589E-02	(2009,153,2300)
3, 6	717.500	6056.300	2.9676E-02	(2009,153,2300)
3, 7	717.500	6056.400	2.8656E-02	(2009,153,2300)
3, 8	717.500	6056.500	2.7535E-02	(2009,153,2300)
3, 9	717.500	6056.600	2.8643E-02	(2009,117,2300)
3, 10	717.500	6056.700	3.2175E-02	(2009,117,2300)
3, 11	717.500	6056.800	3.4311E-02	(2009,117,2300)
3, 12	717.500	6056.900	3.4749E-02	(2009,117,2300)
3, 13	717.500	6057.000	3.3529E-02	(2009,117,2300)
3, 14	717.500	6057.100	3.0968E-02	(2009,117,2300)
3, 15	717.500	6057.200	2.7561E-02	(2009,117,2300)
3, 16	717.500	6057.300	2.3835E-02	(2009,117,2300)
3, 17	717.500	6057.400	2.1712E-02	(2009,123,2300)
3, 18	717.500	6057.500	2.6908E-02	(2009,123,2300)
3, 19	717.500	6057.600	3.2770E-02	(2009,123,2300)
3, 20	717.500	6057.700	3.9025E-02	(2009,123,2300)
3, 21	717.500	6057.800	4.5208E-02	(2009,123,2300)
3, 22	717.500	6057.900	5.0814E-02	(2009,123,2300)
3, 23	717.500	6058.000	5.5412E-02	(2009,123,2300)
3, 24	717.500	6058.100	5.8572E-02	(2009,123,2300)

3, 25	717.500	6058.200	6.0117E-02	(2009,123,2300)
3, 26	717.500	6058.300	6.0056E-02	(2009,123,2300)
3, 27	717.500	6058.400	5.8525E-02	(2009,123,2300)
3, 28	717.500	6058.500	5.5815E-02	(2009,123,2300)
3, 29	717.500	6058.600	5.3268E-02	(2009,138,2300)
3, 30	717.500	6058.700	5.4202E-02	(2009,138,2300)
3, 31	717.500	6058.800	5.3205E-02	(2009,138,2300)
3, 32	717.500	6058.900	5.8248E-02	(2009,140,2300)
3, 33	717.500	6059.000	6.4890E-02	(2009,140,2300)
3, 34	717.500	6059.100	6.8645E-02	(2009,140,2300)
3, 35	717.500	6059.200	5.9425E-02	(2009,140,2300)
3, 36	717.500	6059.300	5.7844E-02	(2009,140,2300)
3, 37	717.500	6059.400	5.3027E-02	(2009,140,2300)
3, 38	717.500	6059.500	4.5480E-02	(2009,140,2300)
3, 39	717.500	6059.600	4.9851E-02	(2009,001,2300)
3, 40	717.500	6059.700	5.6244E-02	(2009,001,2300)
3, 41	717.500	6059.800	6.0060E-02	(2009,001,2300)
3, 42	717.500	6059.900	6.0084E-02	(2009,001,2300)
3, 43	717.500	6060.000	5.9297E-02	(2009,136,2300)
3, 44	717.500	6060.100	6.3350E-02	(2009,136,2300)
3, 45	717.500	6060.200	6.9567E-02	(2009,298,2300)
3, 46	717.500	6060.300	7.3806E-02	(2009,298,2300)
3, 47	717.500	6060.400	7.3513E-02	(2009,298,2300)
3, 48	717.500	6060.500	6.8969E-02	(2009,298,2300)
3, 49	717.500	6060.600	6.1183E-02	(2009,298,2300)
3, 50	717.500	6060.700	7.0789E-02	(2009,031,2300)
3, 51	717.500	6060.800	8.1309E-02	(2009,031,2300)
4, 1	717.600	6055.800	4.1616E-02	(2009,155,2300)
4, 2	717.600	6055.900	3.7730E-02	(2009,220,2300)
4, 3	717.600	6056.000	3.4642E-02	(2009,220,2300)
4, 4	717.600	6056.100	3.3961E-02	(2009,153,2300)
4, 5	717.600	6056.200	3.3174E-02	(2009,153,2300)
4, 6	717.600	6056.300	3.2246E-02	(2009,153,2300)
4, 7	717.600	6056.400	3.1186E-02	(2009,153,2300)
4, 8	717.600	6056.500	3.0006E-02	(2009,153,2300)
4, 9	717.600	6056.600	2.8723E-02	(2009,153,2300)
4, 10	717.600	6056.700	3.0802E-02	(2009,117,2300)
4, 11	717.600	6056.800	3.4086E-02	(2009,117,2300)
4, 12	717.600	6056.900	3.5738E-02	(2009,117,2300)
4, 13	717.600	6057.000	3.5535E-02	(2009,117,2300)
4, 14	717.600	6057.100	3.3661E-02	(2009,117,2300)
4, 15	717.600	6057.200	3.0569E-02	(2009,117,2300)
4, 16	717.600	6057.300	2.6862E-02	(2009,117,2300)
4, 17	717.600	6057.400	2.4056E-02	(2009,175,2300)
4, 18	717.600	6057.500	2.7120E-02	(2009,123,2300)
4, 19	717.600	6057.600	3.3367E-02	(2009,123,2300)
4, 20	717.600	6057.700	4.0120E-02	(2009,123,2300)
4, 21	717.600	6057.800	4.6873E-02	(2009,123,2300)
4, 22	717.600	6057.900	5.3111E-02	(2009,123,2300)
4, 23	717.600	6058.000	5.8212E-02	(2009,123,2300)
4, 24	717.600	6058.100	6.1735E-02	(2009,123,2300)
4, 25	717.600	6058.200	6.3446E-02	(2009,123,2300)
4, 26	717.600	6058.300	6.3330E-02	(2009,123,2300)
4, 27	717.600	6058.400	6.1545E-02	(2009,123,2300)
4, 28	717.600	6058.500	5.8466E-02	(2009,123,2300)
4, 29	717.600	6058.600	5.6733E-02	(2009,138,2300)
4, 30	717.600	6058.700	5.7485E-02	(2009,138,2300)
4, 31	717.600	6058.800	5.6136E-02	(2009,138,2300)
4, 32	717.600	6058.900	6.2467E-02	(2009,140,2300)
4, 33	717.600	6059.000	6.9568E-02	(2009,140,2300)

4, 34	717.600	6059.100	7.3778E-02	(2009,140,2300)
4, 35	717.600	6059.200	6.2566E-02	(2009,140,2300)
4, 36	717.600	6059.300	5.9947E-02	(2009,140,2300)
4, 37	717.600	6059.400	5.3850E-02	(2009,140,2300)
4, 38	717.600	6059.500	4.7045E-02	(2009,001,2300)
4, 39	717.600	6059.600	5.4584E-02	(2009,001,2300)
4, 40	717.600	6059.700	6.0330E-02	(2009,001,2300)
4, 41	717.600	6059.800	6.2706E-02	(2009,001,2300)
4, 42	717.600	6059.900	6.0748E-02	(2009,001,2300)
4, 43	717.600	6060.000	6.4730E-02	(2009,136,2300)
4, 44	717.600	6060.100	7.0161E-02	(2009,298,2300)
4, 45	717.600	6060.200	7.5918E-02	(2009,298,2300)
4, 46	717.600	6060.300	7.6958E-02	(2009,298,2300)
4, 47	717.600	6060.400	7.3355E-02	(2009,298,2300)
4, 48	717.600	6060.500	6.5967E-02	(2009,298,2300)
4, 49	717.600	6060.600	7.1861E-02	(2009,031,2300)
4, 50	717.600	6060.700	8.3402E-02	(2009,031,2300)
4, 51	717.600	6060.800	9.1188E-02	(2009,007,2300)
5, 1	717.700	6055.800	5.1491E-02	(2009,155,2300)
5, 2	717.700	6055.900	4.5341E-02	(2009,155,2300)
5, 3	717.700	6056.000	4.1906E-02	(2009,220,2300)
5, 4	717.700	6056.100	3.8689E-02	(2009,220,2300)
5, 5	717.700	6056.200	3.6093E-02	(2009,153,2300)
5, 6	717.700	6056.300	3.5166E-02	(2009,153,2300)
5, 7	717.700	6056.400	3.4075E-02	(2009,153,2300)
5, 8	717.700	6056.500	3.2825E-02	(2009,153,2300)
5, 9	717.700	6056.600	3.1442E-02	(2009,153,2300)
5, 10	717.700	6056.700	2.9956E-02	(2009,153,2300)
5, 11	717.700	6056.800	3.3084E-02	(2009,117,2300)
5, 12	717.700	6056.900	3.6033E-02	(2009,117,2300)
5, 13	717.700	6057.000	3.7091E-02	(2009,117,2300)
5, 14	717.700	6057.100	3.6176E-02	(2009,117,2300)
5, 15	717.700	6057.200	3.3653E-02	(2009,117,2300)
5, 16	717.700	6057.300	3.0106E-02	(2009,117,2300)
5, 17	717.700	6057.400	2.6648E-02	(2009,175,2300)
5, 18	717.700	6057.500	2.7280E-02	(2009,123,2300)
5, 19	717.700	6057.600	3.3917E-02	(2009,123,2300)
5, 20	717.700	6057.700	4.1219E-02	(2009,123,2300)
5, 21	717.700	6057.800	4.8638E-02	(2009,123,2300)
5, 22	717.700	6057.900	5.5559E-02	(2009,123,2300)
5, 23	717.700	6058.000	6.1263E-02	(2009,123,2300)
5, 24	717.700	6058.100	6.5236E-02	(2009,123,2300)
5, 25	717.700	6058.200	6.7174E-02	(2009,123,2300)
5, 26	717.700	6058.300	6.7018E-02	(2009,123,2300)
5, 27	717.700	6058.400	6.4983E-02	(2009,123,2300)
5, 28	717.700	6058.500	6.1443E-02	(2009,123,2300)
5, 29	717.700	6058.600	6.0473E-02	(2009,138,2300)
5, 30	717.700	6058.700	6.1000E-02	(2009,138,2300)
5, 31	717.700	6058.800	5.9192E-02	(2009,138,2300)
5, 32	717.700	6058.900	6.7104E-02	(2009,140,2300)
5, 33	717.700	6059.000	7.4720E-02	(2009,140,2300)
5, 34	717.700	6059.100	7.9166E-02	(2009,140,2300)
5, 35	717.700	6059.200	6.5753E-02	(2009,140,2300)
5, 36	717.700	6059.300	6.1934E-02	(2009,140,2300)
5, 37	717.700	6059.400	5.4388E-02	(2009,140,2300)
5, 38	717.700	6059.500	5.2128E-02	(2009,001,2300)
5, 39	717.700	6059.600	5.9330E-02	(2009,001,2300)
5, 40	717.700	6059.700	6.4002E-02	(2009,001,2300)
5, 41	717.700	6059.800	6.4570E-02	(2009,001,2300)
5, 42	717.700	6059.900	6.5750E-02	(2009,136,2300)

5, 43	717.700	6060.000	7.0376E-02	(2009,298,2300)
5, 44	717.700	6060.100	7.7712E-02	(2009,298,2300)
5, 45	717.700	6060.200	8.0264E-02	(2009,298,2300)
5, 46	717.700	6060.300	7.7795E-02	(2009,298,2300)
5, 47	717.700	6060.400	7.1021E-02	(2009,298,2300)
5, 48	717.700	6060.500	7.3044E-02	(2009,031,2300)
5, 49	717.700	6060.600	8.5640E-02	(2009,031,2300)
5, 50	717.700	6060.700	9.5422E-02	(2009,007,2300)
5, 51	717.700	6060.800	1.0491E-01	(2009,007,2300)
6, 1	717.800	6055.800	6.0946E-02	(2009,155,2300)
6, 2	717.800	6055.900	5.5826E-02	(2009,155,2300)
6, 3	717.800	6056.000	4.9472E-02	(2009,155,2300)
6, 4	717.800	6056.100	4.6627E-02	(2009,220,2300)
6, 5	717.800	6056.200	4.3360E-02	(2009,220,2300)
6, 6	717.800	6056.300	3.9647E-02	(2009,220,2300)
6, 7	717.800	6056.400	3.7410E-02	(2009,153,2300)
6, 8	717.800	6056.500	3.6118E-02	(2009,153,2300)
6, 9	717.800	6056.600	3.4651E-02	(2009,153,2300)
6, 10	717.800	6056.700	3.3026E-02	(2009,153,2300)
6, 11	717.800	6056.800	3.1303E-02	(2009,153,2300)
6, 12	717.800	6056.900	3.5476E-02	(2009,117,2300)
6, 13	717.800	6057.000	3.7982E-02	(2009,117,2300)
6, 14	717.800	6057.100	3.8340E-02	(2009,117,2300)
6, 15	717.800	6057.200	3.6647E-02	(2009,117,2300)
6, 16	717.800	6057.300	3.3498E-02	(2009,117,2300)
6, 17	717.800	6057.400	2.9582E-02	(2009,117,2300)
6, 18	717.800	6057.500	2.7405E-02	(2009,123,2300)
6, 19	717.800	6057.600	3.4402E-02	(2009,123,2300)
6, 20	717.800	6057.700	4.2278E-02	(2009,123,2300)
6, 21	717.800	6057.800	5.0416E-02	(2009,123,2300)
6, 22	717.800	6057.900	5.8105E-02	(2009,123,2300)
6, 23	717.800	6058.000	6.4523E-02	(2009,123,2300)
6, 24	717.800	6058.100	6.9037E-02	(2009,123,2300)
6, 25	717.800	6058.200	7.1215E-02	(2009,123,2300)
6, 26	717.800	6058.300	7.1025E-02	(2009,123,2300)
6, 27	717.800	6058.400	6.8703E-02	(2009,123,2300)
6, 28	717.800	6058.500	6.4688E-02	(2009,123,2300)
6, 29	717.800	6058.600	6.4518E-02	(2009,138,2300)
6, 30	717.800	6058.700	6.4755E-02	(2009,138,2300)
6, 31	717.800	6058.800	6.3353E-02	(2009,140,2300)
6, 32	717.800	6058.900	7.2160E-02	(2009,140,2300)
6, 33	717.800	6059.000	8.0213E-02	(2009,140,2300)
6, 34	717.800	6059.100	8.4632E-02	(2009,140,2300)
6, 35	717.800	6059.200	6.8921E-02	(2009,140,2300)
6, 36	717.800	6059.300	6.3680E-02	(2009,140,2300)
6, 37	717.800	6059.400	5.4526E-02	(2009,140,2300)
6, 38	717.800	6059.500	5.7391E-02	(2009,001,2300)
6, 39	717.800	6059.600	6.4022E-02	(2009,001,2300)
6, 40	717.800	6059.700	6.7198E-02	(2009,001,2300)
6, 41	717.800	6059.800	6.6403E-02	(2009,136,2300)
6, 42	717.800	6059.900	7.2014E-02	(2009,136,2300)
6, 43	717.800	6060.000	7.9257E-02	(2009,298,2300)
6, 44	717.800	6060.100	8.3403E-02	(2009,298,2300)
6, 45	717.800	6060.200	8.2195E-02	(2009,298,2300)
6, 46	717.800	6060.300	7.6176E-02	(2009,298,2300)
6, 47	717.800	6060.400	7.4402E-02	(2009,031,2300)
6, 48	717.800	6060.500	8.8086E-02	(2009,031,2300)
6, 49	717.800	6060.600	1.0008E-01	(2009,007,2300)
6, 50	717.800	6060.700	1.1008E-01	(2009,007,2300)
6, 51	717.800	6060.800	1.1372E-01	(2009,007,2300)

7, 1	717.900	6055.800	6.8822E-02	(2009,155,2300)
7, 2	717.900	6055.900	6.5606E-02	(2009,155,2300)
7, 3	717.900	6056.000	6.0594E-02	(2009,155,2300)
7, 4	717.900	6056.100	5.4485E-02	(2009,220,2300)
7, 5	717.900	6056.200	5.1997E-02	(2009,220,2300)
7, 6	717.900	6056.300	4.8851E-02	(2009,220,2300)
7, 7	717.900	6056.400	4.5132E-02	(2009,220,2300)
7, 8	717.900	6056.500	4.1029E-02	(2009,220,2300)
7, 9	717.900	6056.600	3.8358E-02	(2009,153,2300)
7, 10	717.900	6056.700	3.6625E-02	(2009,153,2300)
7, 11	717.900	6056.800	3.4748E-02	(2009,153,2300)
7, 12	717.900	6056.900	3.3940E-02	(2009,117,2300)
7, 13	717.900	6057.000	3.7980E-02	(2009,117,2300)
7, 14	717.900	6057.100	3.9875E-02	(2009,117,2300)
7, 15	717.900	6057.200	3.9425E-02	(2009,117,2300)
7, 16	717.900	6057.300	3.6958E-02	(2009,117,2300)
7, 17	717.900	6057.400	3.3235E-02	(2009,117,2300)
7, 18	717.900	6057.500	3.0151E-02	(2009,175,2300)
7, 19	717.900	6057.600	3.4787E-02	(2009,123,2300)
7, 20	717.900	6057.700	4.3220E-02	(2009,123,2300)
7, 21	717.900	6057.800	5.2161E-02	(2009,123,2300)
7, 22	717.900	6057.900	6.0754E-02	(2009,123,2300)
7, 23	717.900	6058.000	6.8015E-02	(2009,123,2300)
7, 24	717.900	6058.100	7.3134E-02	(2009,123,2300)
7, 25	717.900	6058.200	7.5624E-02	(2009,123,2300)
7, 26	717.900	6058.300	7.5384E-02	(2009,123,2300)
7, 27	717.900	6058.400	7.2697E-02	(2009,123,2300)
7, 28	717.900	6058.500	6.8196E-02	(2009,123,2300)
7, 29	717.900	6058.600	6.8826E-02	(2009,138,2300)
7, 30	717.900	6058.700	6.8659E-02	(2009,138,2300)
7, 31	717.900	6058.800	6.7970E-02	(2009,140,2300)
7, 32	717.900	6058.900	7.7663E-02	(2009,140,2300)
7, 33	717.900	6059.000	8.6176E-02	(2009,140,2300)
7, 34	717.900	6059.100	9.0402E-02	(2009,140,2300)
7, 35	717.900	6059.200	7.1984E-02	(2009,140,2300)
7, 36	717.900	6059.300	6.5098E-02	(2009,140,2300)
7, 37	717.900	6059.400	5.4605E-02	(2009,001,2300)
7, 38	717.900	6059.500	6.2693E-02	(2009,001,2300)
7, 39	717.900	6059.600	6.8319E-02	(2009,001,2300)
7, 40	717.900	6059.700	6.9526E-02	(2009,001,2300)
7, 41	717.900	6059.800	7.3695E-02	(2009,136,2300)
7, 42	717.900	6059.900	8.0413E-02	(2009,298,2300)
7, 43	717.900	6060.000	8.6400E-02	(2009,298,2300)
7, 44	717.900	6060.100	8.6705E-02	(2009,298,2300)
7, 45	717.900	6060.200	8.1604E-02	(2009,298,2300)
7, 46	717.900	6060.300	7.5993E-02	(2009,031,2300)
7, 47	717.900	6060.400	9.0789E-02	(2009,031,2300)
7, 48	717.900	6060.500	1.0516E-01	(2009,007,2300)
7, 49	717.900	6060.600	1.1569E-01	(2009,007,2300)
7, 50	717.900	6060.700	1.1928E-01	(2009,007,2300)
7, 51	717.900	6060.800	1.1522E-01	(2009,007,2300)
8, 1	718.000	6055.800	7.3987E-02	(2009,155,2300)
8, 2	718.000	6055.900	7.3372E-02	(2009,155,2300)
8, 3	718.000	6056.000	7.0638E-02	(2009,155,2300)
8, 4	718.000	6056.100	6.5808E-02	(2009,155,2300)
8, 5	718.000	6056.200	6.0430E-02	(2009,220,2300)
8, 6	718.000	6056.300	5.8265E-02	(2009,220,2300)
8, 7	718.000	6056.400	5.5327E-02	(2009,220,2300)
8, 8	718.000	6056.500	5.1819E-02	(2009,220,2300)
8, 9	718.000	6056.600	4.7858E-02	(2009,220,2300)

8, 10	718.000	6056.700	4.3550E-02	(2009,220,2300)
8, 11	718.000	6056.800	3.8990E-02	(2009,220,2300)
8, 12	718.000	6056.900	3.6616E-02	(2009,153,2300)
8, 13	718.000	6057.000	3.6895E-02	(2009,117,2300)
8, 14	718.000	6057.100	4.0557E-02	(2009,117,2300)
8, 15	718.000	6057.200	4.1691E-02	(2009,117,2300)
8, 16	718.000	6057.300	4.0304E-02	(2009,117,2300)
8, 17	718.000	6057.400	3.7063E-02	(2009,117,2300)
8, 18	718.000	6057.500	3.3638E-02	(2009,175,2300)
8, 19	718.000	6057.600	3.5031E-02	(2009,123,2300)
8, 20	718.000	6057.700	4.4092E-02	(2009,123,2300)
8, 21	718.000	6057.800	5.3885E-02	(2009,123,2300)
8, 22	718.000	6057.900	6.3480E-02	(2009,123,2300)
8, 23	718.000	6058.000	7.1700E-02	(2009,123,2300)
8, 24	718.000	6058.100	7.7570E-02	(2009,123,2300)
8, 25	718.000	6058.200	8.0476E-02	(2009,123,2300)
8, 26	718.000	6058.300	8.0251E-02	(2009,123,2300)
8, 27	718.000	6058.400	7.7249E-02	(2009,123,2300)
8, 28	718.000	6058.500	7.2130E-02	(2009,123,2300)
8, 29	718.000	6058.600	7.3572E-02	(2009,138,2300)
8, 30	718.000	6058.700	7.2875E-02	(2009,138,2300)
8, 31	718.000	6058.800	7.3103E-02	(2009,140,2300)
8, 32	718.000	6058.900	8.3762E-02	(2009,140,2300)
8, 33	718.000	6059.000	9.2699E-02	(2009,140,2300)
8, 34	718.000	6059.100	9.6795E-02	(2009,140,2300)
8, 35	718.000	6059.200	7.6023E-02	(2009,140,2300)
8, 36	718.000	6059.300	6.6641E-02	(2009,140,2300)
8, 37	718.000	6059.400	6.0374E-02	(2009,001,2300)
8, 38	718.000	6059.500	6.7992E-02	(2009,001,2300)
8, 39	718.000	6059.600	7.2092E-02	(2009,001,2300)
8, 40	718.000	6059.700	7.4937E-02	(2009,136,2300)
8, 41	718.000	6059.800	8.1269E-02	(2009,298,2300)
8, 42	718.000	6059.900	8.9099E-02	(2009,298,2300)
8, 43	718.000	6060.000	9.1052E-02	(2009,298,2300)
8, 44	718.000	6060.100	8.7120E-02	(2009,298,2300)
8, 45	718.000	6060.200	8.0913E-02	(2009,153,2300)
8, 46	718.000	6060.300	9.4224E-02	(2009,007,2300)
8, 47	718.000	6060.400	1.1076E-01	(2009,007,2300)
8, 48	718.000	6060.500	1.2176E-01	(2009,007,2300)
8, 49	718.000	6060.600	1.2518E-01	(2009,007,2300)
8, 50	718.000	6060.700	1.2033E-01	(2009,007,2300)
8, 51	718.000	6060.800	1.2573E-01	(2009,035,2300)
9, 1	718.100	6055.800	7.5637E-02	(2009,155,2300)
9, 2	718.100	6055.900	7.7944E-02	(2009,155,2300)
9, 3	718.100	6056.000	7.8190E-02	(2009,155,2300)
9, 4	718.100	6056.100	7.6068E-02	(2009,155,2300)
9, 5	718.100	6056.200	7.1508E-02	(2009,155,2300)
9, 6	718.100	6056.300	6.7174E-02	(2009,220,2300)
9, 7	718.100	6056.400	6.5609E-02	(2009,220,2300)
9, 8	718.100	6056.500	6.3268E-02	(2009,220,2300)
9, 9	718.100	6056.600	6.0243E-02	(2009,220,2300)
9, 10	718.100	6056.700	5.6633E-02	(2009,220,2300)
9, 11	718.100	6056.800	5.2445E-02	(2009,220,2300)
9, 12	718.100	6056.900	4.7709E-02	(2009,220,2300)
9, 13	718.100	6057.000	4.2490E-02	(2009,220,2300)
9, 14	718.100	6057.100	4.0035E-02	(2009,117,2300)
9, 15	718.100	6057.200	4.3116E-02	(2009,117,2300)
9, 16	718.100	6057.300	4.3305E-02	(2009,117,2300)
9, 17	718.100	6057.400	4.0960E-02	(2009,117,2300)
9, 18	718.100	6057.500	3.7363E-02	(2009,175,2300)

9, 19	718.100	6057.600	3.5112E-02	(2009,123,2300)
9, 20	718.100	6057.700	4.4772E-02	(2009,123,2300)
9, 21	718.100	6057.800	5.5491E-02	(2009,123,2300)
9, 22	718.100	6057.900	6.6166E-02	(2009,123,2300)
9, 23	718.100	6058.000	7.5528E-02	(2009,123,2300)
9, 24	718.100	6058.100	8.2311E-02	(2009,123,2300)
9, 25	718.100	6058.200	8.5697E-02	(2009,123,2300)
9, 26	718.100	6058.300	8.5482E-02	(2009,123,2300)
9, 27	718.100	6058.400	8.2122E-02	(2009,123,2300)
9, 28	718.100	6058.500	7.6334E-02	(2009,123,2300)
9, 29	718.100	6058.600	7.8690E-02	(2009,138,2300)
9, 30	718.100	6058.700	7.7368E-02	(2009,138,2300)
9, 31	718.100	6058.800	7.8819E-02	(2009,140,2300)
9, 32	718.100	6058.900	9.0564E-02	(2009,140,2300)
9, 33	718.100	6059.000	9.9816E-02	(2009,140,2300)
9, 34	718.100	6059.100	1.0301E-01	(2009,140,2300)
9, 35	718.100	6059.200	8.0035E-02	(2009,140,2300)
9, 36	718.100	6059.300	6.7683E-02	(2009,140,2300)
9, 37	718.100	6059.400	6.6286E-02	(2009,001,2300)
9, 38	718.100	6059.500	7.3003E-02	(2009,001,2300)
9, 39	718.100	6059.600	7.5677E-02	(2009,136,2300)
9, 40	718.100	6059.700	8.3524E-02	(2009,136,2300)
9, 41	718.100	6059.800	9.1650E-02	(2009,298,2300)
9, 42	718.100	6059.900	9.5489E-02	(2009,298,2300)
9, 43	718.100	6060.000	9.2866E-02	(2009,298,2300)
9, 44	718.100	6060.100	8.6861E-02	(2009,153,2300)
9, 45	718.100	6060.200	9.9293E-02	(2009,007,2300)
9, 46	718.100	6060.300	1.1691E-01	(2009,007,2300)
9, 47	718.100	6060.400	1.2846E-01	(2009,007,2300)
9, 48	718.100	6060.500	1.3159E-01	(2009,007,2300)
9, 49	718.100	6060.600	1.2655E-01	(2009,035,2300)
9, 50	718.100	6060.700	1.3371E-01	(2009,035,2300)
9, 51	718.100	6060.800	1.3513E-01	(2009,035,2300)
10, 1	718.200	6055.800	7.3543E-02	(2009,155,2300)
10, 2	718.200	6055.900	7.8577E-02	(2009,155,2300)
10, 3	718.200	6056.000	8.2000E-02	(2009,155,2300)
10, 4	718.200	6056.100	8.3240E-02	(2009,155,2300)
10, 5	718.200	6056.200	8.1889E-02	(2009,155,2300)
10, 6	718.200	6056.300	7.7752E-02	(2009,155,2300)
10, 7	718.200	6056.400	7.5048E-02	(2009,220,2300)
10, 8	718.200	6056.500	7.4460E-02	(2009,220,2300)
10, 9	718.200	6056.600	7.3056E-02	(2009,220,2300)
10, 10	718.200	6056.700	7.0916E-02	(2009,220,2300)
10, 11	718.200	6056.800	6.7850E-02	(2009,220,2300)
10, 12	718.200	6056.900	6.3764E-02	(2009,220,2300)
10, 13	718.200	6057.000	5.8711E-02	(2009,220,2300)
10, 14	718.200	6057.100	5.2633E-02	(2009,220,2300)
10, 15	718.200	6057.200	4.5782E-02	(2009,220,2300)
10, 16	718.200	6057.300	4.5587E-02	(2009,117,2300)
10, 17	718.200	6057.400	4.4690E-02	(2009,117,2300)
10, 18	718.200	6057.500	4.1420E-02	(2009,117,2300)
10, 19	718.200	6057.600	3.9329E-02	(2009,175,2300)
10, 20	718.200	6057.700	4.5222E-02	(2009,123,2300)
10, 21	718.200	6057.800	5.6907E-02	(2009,123,2300)
10, 22	718.200	6057.900	6.8875E-02	(2009,123,2300)
10, 23	718.200	6058.000	7.9548E-02	(2009,123,2300)
10, 24	718.200	6058.100	8.7450E-02	(2009,123,2300)
10, 25	718.200	6058.200	9.1441E-02	(2009,123,2300)
10, 26	718.200	6058.300	9.1310E-02	(2009,123,2300)
10, 27	718.200	6058.400	8.7511E-02	(2009,123,2300)

10, 28	718.200	6058.500	8.1724E-02	(2009,138,2300)
10, 29	718.200	6058.600	8.4329E-02	(2009,138,2300)
10, 30	718.200	6058.700	8.2222E-02	(2009,138,2300)
10, 31	718.200	6058.800	8.5428E-02	(2009,140,2300)
10, 32	718.200	6058.900	9.8437E-02	(2009,140,2300)
10, 33	718.200	6059.000	1.0794E-01	(2009,140,2300)
10, 34	718.200	6059.100	1.0968E-01	(2009,140,2300)
10, 35	718.200	6059.200	8.1437E-02	(2009,140,2300)
10, 36	718.200	6059.300	6.7065E-02	(2009,140,2300)
10, 37	718.200	6059.400	7.2255E-02	(2009,001,2300)
10, 38	718.200	6059.500	7.7434E-02	(2009,001,2300)
10, 39	718.200	6059.600	8.5652E-02	(2009,136,2300)
10, 40	718.200	6059.700	9.3799E-02	(2009,298,2300)
10, 41	718.200	6059.800	9.9736E-02	(2009,298,2300)
10, 42	718.200	6059.900	9.8776E-02	(2009,298,2300)
10, 43	718.200	6060.000	9.3182E-02	(2009,153,2300)
10, 44	718.200	6060.100	1.0495E-01	(2009,007,2300)
10, 45	718.200	6060.200	1.2369E-01	(2009,007,2300)
10, 46	718.200	6060.300	1.3567E-01	(2009,007,2300)
10, 47	718.200	6060.400	1.3843E-01	(2009,007,2300)
10, 48	718.200	6060.500	1.3513E-01	(2009,035,2300)
10, 49	718.200	6060.600	1.4271E-01	(2009,035,2300)
10, 50	718.200	6060.700	1.4422E-01	(2009,035,2300)
10, 51	718.200	6060.800	1.4124E-01	(2009,035,2300)
11, 1	718.300	6055.800	6.8132E-02	(2009,155,2300)
11, 2	718.300	6055.900	7.5207E-02	(2009,155,2300)
11, 3	718.300	6056.000	8.1408E-02	(2009,155,2300)
11, 4	718.300	6056.100	8.6074E-02	(2009,155,2300)
11, 5	718.300	6056.200	8.8521E-02	(2009,155,2300)
11, 6	718.300	6056.300	8.8148E-02	(2009,155,2300)
11, 7	718.300	6056.400	8.4685E-02	(2009,155,2300)
11, 8	718.300	6056.500	8.4217E-02	(2009,220,2300)
11, 9	718.300	6056.600	8.5089E-02	(2009,220,2300)
11, 10	718.300	6056.700	8.5101E-02	(2009,220,2300)
11, 11	718.300	6056.800	8.3970E-02	(2009,220,2300)
11, 12	718.300	6056.900	8.1474E-02	(2009,220,2300)
11, 13	718.300	6057.000	7.7409E-02	(2009,220,2300)
11, 14	718.300	6057.100	7.1560E-02	(2009,220,2300)
11, 15	718.300	6057.200	6.4240E-02	(2009,220,2300)
11, 16	718.300	6057.300	5.5855E-02	(2009,220,2300)
11, 17	718.300	6057.400	4.7895E-02	(2009,117,2300)
11, 18	718.300	6057.500	4.5840E-02	(2009,117,2300)
11, 19	718.300	6057.600	4.4401E-02	(2009,175,2300)
11, 20	718.300	6057.700	4.5495E-02	(2009,123,2300)
11, 21	718.300	6057.800	5.8165E-02	(2009,123,2300)
11, 22	718.300	6057.900	7.1489E-02	(2009,123,2300)
11, 23	718.300	6058.000	8.3741E-02	(2009,123,2300)
11, 24	718.300	6058.100	9.2927E-02	(2009,123,2300)
11, 25	718.300	6058.200	9.7736E-02	(2009,123,2300)
11, 26	718.300	6058.300	9.7755E-02	(2009,123,2300)
11, 27	718.300	6058.400	9.3496E-02	(2009,123,2300)
11, 28	718.300	6058.500	8.8310E-02	(2009,138,2300)
11, 29	718.300	6058.600	9.0559E-02	(2009,138,2300)
11, 30	718.300	6058.700	8.7418E-02	(2009,138,2300)
11, 31	718.300	6058.800	9.3151E-02	(2009,140,2300)
11, 32	718.300	6058.900	1.0743E-01	(2009,140,2300)
11, 33	718.300	6059.000	1.1698E-01	(2009,140,2300)
11, 34	718.300	6059.100	1.1686E-01	(2009,140,2300)
11, 35	718.300	6059.200	8.2195E-02	(2009,140,2300)
11, 36	718.300	6059.300	7.0164E-02	(2009,001,2300)



11, 37	718.300	6059.400	7.8115E-02	(2009,001,2300)
11, 38	718.300	6059.500	8.7285E-02	(2009,136,2300)
11, 39	718.300	6059.600	9.5816E-02	(2009,298,2300)
11, 40	718.300	6059.700	1.0396E-01	(2009,298,2300)
11, 41	718.300	6059.800	1.0479E-01	(2009,298,2300)
11, 42	718.300	6059.900	1.0002E-01	(2009,153,2300)
11, 43	718.300	6060.000	1.1128E-01	(2009,007,2300)
11, 44	718.300	6060.100	1.3129E-01	(2009,007,2300)
11, 45	718.300	6060.200	1.4370E-01	(2009,007,2300)
11, 46	718.300	6060.300	1.4584E-01	(2009,007,2300)
11, 47	718.300	6060.400	1.4490E-01	(2009,035,2300)
11, 48	718.300	6060.500	1.5302E-01	(2009,035,2300)
11, 49	718.300	6060.600	1.5436E-01	(2009,035,2300)
11, 50	718.300	6060.700	1.5099E-01	(2009,035,2300)
11, 51	718.300	6060.800	1.4530E-01	(2009,035,2300)
12, 1	718.400	6055.800	6.7267E-02	(2009,141,2300)
12, 2	718.400	6055.900	7.0711E-02	(2009,141,2300)
12, 3	718.400	6056.000	7.6613E-02	(2009,155,2300)
12, 4	718.400	6056.100	8.4087E-02	(2009,155,2300)
12, 5	718.400	6056.200	9.0158E-02	(2009,155,2300)
12, 6	718.400	6056.300	9.4047E-02	(2009,155,2300)
12, 7	718.400	6056.400	9.4996E-02	(2009,155,2300)
12, 8	718.400	6056.500	9.2435E-02	(2009,155,2300)
12, 9	718.400	6056.600	9.4809E-02	(2009,220,2300)
12, 10	718.400	6056.700	9.7435E-02	(2009,220,2300)
12, 11	718.400	6056.800	9.8902E-02	(2009,220,2300)
12, 12	718.400	6056.900	9.8889E-02	(2009,220,2300)
12, 13	718.400	6057.000	9.6836E-02	(2009,220,2300)
12, 14	718.400	6057.100	9.2398E-02	(2009,220,2300)
12, 15	718.400	6057.200	8.5755E-02	(2009,220,2300)
12, 16	718.400	6057.300	7.7099E-02	(2009,220,2300)
12, 17	718.400	6057.400	6.6721E-02	(2009,220,2300)
12, 18	718.400	6057.500	5.5368E-02	(2009,220,2300)
12, 19	718.400	6057.600	4.9955E-02	(2009,175,2300)
12, 20	718.400	6057.700	4.7460E-02	(2009,175,2300)
12, 21	718.400	6057.800	5.9085E-02	(2009,123,2300)
12, 22	718.400	6057.900	7.3948E-02	(2009,123,2300)
12, 23	718.400	6058.000	8.8003E-02	(2009,123,2300)
12, 24	718.400	6058.100	9.8866E-02	(2009,123,2300)
12, 25	718.400	6058.200	1.0475E-01	(2009,123,2300)
12, 26	718.400	6058.300	1.0498E-01	(2009,123,2300)
12, 27	718.400	6058.400	1.0025E-01	(2009,123,2300)
12, 28	718.400	6058.500	9.5760E-02	(2009,138,2300)
12, 29	718.400	6058.600	9.7506E-02	(2009,138,2300)
12, 30	718.400	6058.700	9.3192E-02	(2009,138,2300)
12, 31	718.400	6058.800	1.0215E-01	(2009,140,2300)
12, 32	718.400	6058.900	1.1806E-01	(2009,140,2300)
12, 33	718.400	6059.000	1.2747E-01	(2009,140,2300)
12, 34	718.400	6059.100	1.2477E-01	(2009,140,2300)
12, 35	718.400	6059.200	8.3975E-02	(2009,140,2300)
12, 36	718.400	6059.300	7.7063E-02	(2009,001,2300)
12, 37	718.400	6059.400	8.8210E-02	(2009,136,2300)
12, 38	718.400	6059.500	9.9215E-02	(2009,136,2300)
12, 39	718.400	6059.600	1.0806E-01	(2009,298,2300)
12, 40	718.400	6059.700	1.1121E-01	(2009,298,2300)
12, 41	718.400	6059.800	1.0733E-01	(2009,153,2300)
12, 42	718.400	6059.900	1.1846E-01	(2009,007,2300)
12, 43	718.400	6060.000	1.3965E-01	(2009,007,2300)
12, 44	718.400	6060.100	1.5239E-01	(2009,007,2300)
12, 45	718.400	6060.200	1.5384E-01	(2009,007,2300)

12, 46	718.400	6060.300	1.5633E-01	(2009,035,2300)
12, 47	718.400	6060.400	1.6471E-01	(2009,035,2300)
12, 48	718.400	6060.500	1.6589E-01	(2009,035,2300)
12, 49	718.400	6060.600	1.6188E-01	(2009,035,2300)
12, 50	718.400	6060.700	1.5505E-01	(2009,035,2300)
12, 51	718.400	6060.800	1.4728E-01	(2009,035,2300)
13, 1	718.500	6055.800	6.8332E-02	(2009,153,2300)
13, 2	718.500	6055.900	7.0822E-02	(2009,153,2300)
13, 3	718.500	6056.000	7.4645E-02	(2009,141,2300)
13, 4	718.500	6056.100	7.8335E-02	(2009,141,2300)
13, 5	718.500	6056.200	8.6572E-02	(2009,155,2300)
13, 6	718.500	6056.300	9.4297E-02	(2009,155,2300)
13, 7	718.500	6056.400	9.9914E-02	(2009,155,2300)
13, 8	718.500	6056.500	1.0248E-01	(2009,155,2300)
13, 9	718.500	6056.600	1.0114E-01	(2009,155,2300)
13, 10	718.500	6056.700	1.0596E-01	(2009,220,2300)
13, 11	718.500	6056.800	1.1035E-01	(2009,220,2300)
13, 12	718.500	6056.900	1.1346E-01	(2009,220,2300)
13, 13	718.500	6057.000	1.1444E-01	(2009,220,2300)
13, 14	718.500	6057.100	1.1277E-01	(2009,220,2300)
13, 15	718.500	6057.200	1.0824E-01	(2009,220,2300)
13, 16	718.500	6057.300	1.0078E-01	(2009,220,2300)
13, 17	718.500	6057.400	9.0561E-02	(2009,220,2300)
13, 18	718.500	6057.500	7.8224E-02	(2009,220,2300)
13, 19	718.500	6057.600	6.4501E-02	(2009,220,2300)
13, 20	718.500	6057.700	5.4952E-02	(2009,175,2300)
13, 21	718.500	6057.800	5.9657E-02	(2009,123,2300)
13, 22	718.500	6057.900	7.6209E-02	(2009,123,2300)
13, 23	718.500	6058.000	9.2370E-02	(2009,123,2300)
13, 24	718.500	6058.100	1.0532E-01	(2009,123,2300)
13, 25	718.500	6058.200	1.1263E-01	(2009,123,2300)
13, 26	718.500	6058.300	1.1326E-01	(2009,123,2300)
13, 27	718.500	6058.400	1.0794E-01	(2009,123,2300)
13, 28	718.500	6058.500	1.0411E-01	(2009,138,2300)
13, 29	718.500	6058.600	1.0517E-01	(2009,138,2300)
13, 30	718.500	6058.700	9.9368E-02	(2009,138,2300)
13, 31	718.500	6058.800	1.1292E-01	(2009,140,2300)
13, 32	718.500	6058.900	1.3062E-01	(2009,140,2300)
13, 33	718.500	6059.000	1.3935E-01	(2009,140,2300)
13, 34	718.500	6059.100	1.3319E-01	(2009,140,2300)
13, 35	718.500	6059.200	8.5120E-02	(2009,140,2300)
13, 36	718.500	6059.300	8.8751E-02	(2009,280,2300)
13, 37	718.500	6059.400	1.0221E-01	(2009,136,2300)
13, 38	718.500	6059.500	1.1192E-01	(2009,298,2300)
13, 39	718.500	6059.600	1.1750E-01	(2009,298,2300)
13, 40	718.500	6059.700	1.1529E-01	(2009,153,2300)
13, 41	718.500	6059.800	1.2661E-01	(2009,007,2300)
13, 42	718.500	6059.900	1.4923E-01	(2009,007,2300)
13, 43	718.500	6060.000	1.6215E-01	(2009,007,2300)
13, 44	718.500	6060.100	1.6241E-01	(2009,007,2300)
13, 45	718.500	6060.200	1.6934E-01	(2009,035,2300)
13, 46	718.500	6060.300	1.7827E-01	(2009,035,2300)
13, 47	718.500	6060.400	1.7904E-01	(2009,035,2300)
13, 48	718.500	6060.500	1.7388E-01	(2009,035,2300)
13, 49	718.500	6060.600	1.6566E-01	(2009,035,2300)
13, 50	718.500	6060.700	1.5586E-01	(2009,035,2300)
13, 51	718.500	6060.800	1.4739E-01	(2009,297,2300)
14, 1	718.600	6055.800	7.2907E-02	(2009,153,2300)
14, 2	718.600	6055.900	7.6095E-02	(2009,153,2300)
14, 3	718.600	6056.000	7.9182E-02	(2009,153,2300)

14, 4	718.600	6056.100	8.2126E-02	(2009,153,2300)
14, 5	718.600	6056.200	8.4786E-02	(2009,153,2300)
14, 6	718.600	6056.300	8.8909E-02	(2009,155,2300)
14, 7	718.600	6056.400	9.8450E-02	(2009,155,2300)
14, 8	718.600	6056.500	1.0616E-01	(2009,155,2300)
14, 9	718.600	6056.600	1.1067E-01	(2009,155,2300)
14, 10	718.600	6056.700	1.1080E-01	(2009,155,2300)
14, 11	718.600	6056.800	1.1630E-01	(2009,220,2300)
14, 12	718.600	6056.900	1.2257E-01	(2009,220,2300)
14, 13	718.600	6057.000	1.2722E-01	(2009,220,2300)
14, 14	718.600	6057.100	1.2944E-01	(2009,220,2300)
14, 15	718.600	6057.200	1.2868E-01	(2009,220,2300)
14, 16	718.600	6057.300	1.2449E-01	(2009,220,2300)
14, 17	718.600	6057.400	1.1661E-01	(2009,220,2300)
14, 18	718.600	6057.500	1.0510E-01	(2009,220,2300)
14, 19	718.600	6057.600	9.0713E-02	(2009,220,2300)
14, 20	718.600	6057.700	7.4717E-02	(2009,220,2300)
14, 21	718.600	6057.800	6.0281E-02	(2009,175,2300)
14, 22	718.600	6057.900	7.8156E-02	(2009,123,2300)
14, 23	718.600	6058.000	9.6828E-02	(2009,123,2300)
14, 24	718.600	6058.100	1.1240E-01	(2009,123,2300)
14, 25	718.600	6058.200	1.2155E-01	(2009,123,2300)
14, 26	718.600	6058.300	1.2286E-01	(2009,123,2300)
14, 27	718.600	6058.400	1.1703E-01	(2009,123,2300)
14, 28	718.600	6058.500	1.1403E-01	(2009,138,2300)
14, 29	718.600	6058.600	1.1420E-01	(2009,138,2300)
14, 30	718.600	6058.700	1.0668E-01	(2009,138,2300)
14, 31	718.600	6058.800	1.2580E-01	(2009,140,2300)
14, 32	718.600	6058.900	1.4554E-01	(2009,140,2300)
14, 33	718.600	6059.000	1.5320E-01	(2009,140,2300)
14, 34	718.600	6059.100	1.4249E-01	(2009,140,2300)
14, 35	718.600	6059.200	8.9106E-02	(2009,280,2300)
14, 36	718.600	6059.300	1.0461E-01	(2009,136,2300)
14, 37	718.600	6059.400	1.1684E-01	(2009,136,2300)
14, 38	718.600	6059.500	1.2433E-01	(2009,298,2300)
14, 39	718.600	6059.600	1.2387E-01	(2009,153,2300)
14, 40	718.600	6059.700	1.3590E-01	(2009,007,2300)
14, 41	718.600	6059.800	1.5977E-01	(2009,007,2300)
14, 42	718.600	6059.900	1.7283E-01	(2009,007,2300)
14, 43	718.600	6060.000	1.7189E-01	(2009,007,2300)
14, 44	718.600	6060.100	1.8473E-01	(2009,035,2300)
14, 45	718.600	6060.200	1.9375E-01	(2009,035,2300)
14, 46	718.600	6060.300	1.9386E-01	(2009,035,2300)
14, 47	718.600	6060.400	1.8736E-01	(2009,035,2300)
14, 48	718.600	6060.500	1.7683E-01	(2009,035,2300)
14, 49	718.600	6060.600	1.6434E-01	(2009,035,2300)
14, 50	718.600	6060.700	1.7193E-01	(2009,297,2300)
14, 51	718.600	6060.800	1.8483E-01	(2009,297,2300)
15, 1	718.700	6055.800	7.7422E-02	(2009,153,2300)
15, 2	718.700	6055.900	8.1364E-02	(2009,153,2300)
15, 3	718.700	6056.000	8.5333E-02	(2009,153,2300)
15, 4	718.700	6056.100	8.9245E-02	(2009,153,2300)
15, 5	718.700	6056.200	9.2966E-02	(2009,153,2300)
15, 6	718.700	6056.300	9.6312E-02	(2009,153,2300)
15, 7	718.700	6056.400	9.9130E-02	(2009,153,2300)
15, 8	718.700	6056.500	1.0264E-01	(2009,155,2300)
15, 9	718.700	6056.600	1.1268E-01	(2009,155,2300)
15, 10	718.700	6056.700	1.1951E-01	(2009,155,2300)
15, 11	718.700	6056.800	1.2138E-01	(2009,155,2300)
15, 12	718.700	6056.900	1.2449E-01	(2009,220,2300)

15, 13	718.700	6057.000	1.3266E-01	(2009,220,2300)
15, 14	718.700	6057.100	1.3929E-01	(2009,220,2300)
15, 15	718.700	6057.200	1.4360E-01	(2009,220,2300)
15, 16	718.700	6057.300	1.4472E-01	(2009,220,2300)
15, 17	718.700	6057.400	1.4177E-01	(2009,220,2300)
15, 18	718.700	6057.500	1.3399E-01	(2009,220,2300)
15, 19	718.700	6057.600	1.2168E-01	(2009,220,2300)
15, 20	718.700	6057.700	1.0568E-01	(2009,220,2300)
15, 21	718.700	6057.800	8.7262E-02	(2009,220,2300)
15, 22	718.700	6057.900	7.9639E-02	(2009,123,2300)
15, 23	718.700	6058.000	1.0113E-01	(2009,123,2300)
15, 24	718.700	6058.100	1.1996E-01	(2009,123,2300)
15, 25	718.700	6058.200	1.3177E-01	(2009,123,2300)
15, 26	718.700	6058.300	1.3410E-01	(2009,123,2300)
15, 27	718.700	6058.400	1.2767E-01	(2009,123,2300)
15, 28	718.700	6058.500	1.2544E-01	(2009,138,2300)
15, 29	718.700	6058.600	1.2433E-01	(2009,138,2300)
15, 30	718.700	6058.700	1.1625E-01	(2009,140,2300)
15, 31	718.700	6058.800	1.4171E-01	(2009,140,2300)
15, 32	718.700	6058.900	1.6398E-01	(2009,140,2300)
15, 33	718.700	6059.000	1.6983E-01	(2009,140,2300)
15, 34	718.700	6059.100	1.5160E-01	(2009,140,2300)
15, 35	718.700	6059.200	1.0643E-01	(2009,136,2300)
15, 36	718.700	6059.300	1.2201E-01	(2009,136,2300)
15, 37	718.700	6059.400	1.3157E-01	(2009,136,2300)
15, 38	718.700	6059.500	1.3397E-01	(2009,136,2300)
15, 39	718.700	6059.600	1.4655E-01	(2009,007,2300)
15, 40	718.700	6059.700	1.7197E-01	(2009,007,2300)
15, 41	718.700	6059.800	1.8476E-01	(2009,007,2300)
15, 42	718.700	6059.900	1.8286E-01	(2009,035,2300)
15, 43	718.700	6060.000	2.0240E-01	(2009,035,2300)
15, 44	718.700	6060.100	2.1173E-01	(2009,035,2300)
15, 45	718.700	6060.200	2.1083E-01	(2009,035,2300)
15, 46	718.700	6060.300	2.0200E-01	(2009,035,2300)
15, 47	718.700	6060.400	1.8846E-01	(2009,035,2300)
15, 48	718.700	6060.500	1.8350E-01	(2009,297,2300)
15, 49	718.700	6060.600	1.9906E-01	(2009,297,2300)
15, 50	718.700	6060.700	2.0914E-01	(2009,297,2300)
15, 51	718.700	6060.800	2.1297E-01	(2009,297,2300)
16, 1	718.800	6055.800	8.1675E-02	(2009,153,2300)
16, 2	718.800	6055.900	8.6465E-02	(2009,153,2300)
16, 3	718.800	6056.000	9.1400E-02	(2009,153,2300)
16, 4	718.800	6056.100	9.6419E-02	(2009,153,2300)
16, 5	718.800	6056.200	1.0132E-01	(2009,153,2300)
16, 6	718.800	6056.300	1.0600E-01	(2009,153,2300)
16, 7	718.800	6056.400	1.1021E-01	(2009,153,2300)
16, 8	718.800	6056.500	1.1376E-01	(2009,153,2300)
16, 9	718.800	6056.600	1.1646E-01	(2009,153,2300)
16, 10	718.800	6056.700	1.1942E-01	(2009,155,2300)
16, 11	718.800	6056.800	1.2900E-01	(2009,155,2300)
16, 12	718.800	6056.900	1.3325E-01	(2009,155,2300)
16, 13	718.800	6057.000	1.3048E-01	(2009,155,2300)
16, 14	718.800	6057.100	1.4032E-01	(2009,220,2300)
16, 15	718.800	6057.200	1.4997E-01	(2009,220,2300)
16, 16	718.800	6057.300	1.5769E-01	(2009,220,2300)
16, 17	718.800	6057.400	1.6195E-01	(2009,220,2300)
16, 18	718.800	6057.500	1.6133E-01	(2009,220,2300)
16, 19	718.800	6057.600	1.5490E-01	(2009,220,2300)
16, 20	718.800	6057.700	1.4252E-01	(2009,220,2300)
16, 21	718.800	6057.800	1.2495E-01	(2009,220,2300)

16, 22	718.800	6057.900	1.0358E-01	(2009,220,2300)
16, 23	718.800	6058.000	1.0533E-01	(2009,123,2300)
16, 24	718.800	6058.100	1.2825E-01	(2009,123,2300)
16, 25	718.800	6058.200	1.4378E-01	(2009,123,2300)
16, 26	718.800	6058.300	1.4790E-01	(2009,123,2300)
16, 27	718.800	6058.400	1.4099E-01	(2009,123,2300)
16, 28	718.800	6058.500	1.3922E-01	(2009,138,2300)
16, 29	718.800	6058.600	1.3647E-01	(2009,138,2300)
16, 30	718.800	6058.700	1.3118E-01	(2009,140,2300)
16, 31	718.800	6058.800	1.6103E-01	(2009,140,2300)
16, 32	718.800	6058.900	1.8596E-01	(2009,140,2300)
16, 33	718.800	6059.000	1.8880E-01	(2009,140,2300)
16, 34	718.800	6059.100	1.5955E-01	(2009,140,2300)
16, 35	718.800	6059.200	1.2716E-01	(2009,136,2300)
16, 36	718.800	6059.300	1.4048E-01	(2009,136,2300)
16, 37	718.800	6059.400	1.4594E-01	(2009,136,2300)
16, 38	718.800	6059.500	1.5883E-01	(2009,007,2300)
16, 39	718.800	6059.600	1.8555E-01	(2009,007,2300)
16, 40	718.800	6059.700	1.9797E-01	(2009,007,2300)
16, 41	718.800	6059.800	2.0270E-01	(2009,035,2300)
16, 42	718.800	6059.900	2.2377E-01	(2009,035,2300)
16, 43	718.800	6060.000	2.3268E-01	(2009,035,2300)
16, 44	718.800	6060.100	2.2981E-01	(2009,035,2300)
16, 45	718.800	6060.200	2.1784E-01	(2009,035,2300)
16, 46	718.800	6060.300	2.0019E-01	(2009,035,2300)
16, 47	718.800	6060.400	2.1546E-01	(2009,297,2300)
16, 48	718.800	6060.500	2.2821E-01	(2009,297,2300)
16, 49	718.800	6060.600	2.3362E-01	(2009,297,2300)
16, 50	718.800	6060.700	2.3149E-01	(2009,297,2300)
16, 51	718.800	6060.800	2.3454E-01	(2009,088,2300)
17, 1	718.900	6055.800	8.5522E-02	(2009,153,2300)
17, 2	718.900	6055.900	9.1178E-02	(2009,153,2300)
17, 3	718.900	6056.000	9.7161E-02	(2009,153,2300)
17, 4	718.900	6056.100	1.0333E-01	(2009,153,2300)
17, 5	718.900	6056.200	1.0957E-01	(2009,153,2300)
17, 6	718.900	6056.300	1.1570E-01	(2009,153,2300)
17, 7	718.900	6056.400	1.2155E-01	(2009,153,2300)
17, 8	718.900	6056.500	1.2679E-01	(2009,153,2300)
17, 9	718.900	6056.600	1.3119E-01	(2009,153,2300)
17, 10	718.900	6056.700	1.3445E-01	(2009,153,2300)
17, 11	718.900	6056.800	1.3641E-01	(2009,153,2300)
17, 12	718.900	6056.900	1.3952E-01	(2009,155,2300)
17, 13	718.900	6057.000	1.4721E-01	(2009,155,2300)
17, 14	718.900	6057.100	1.4679E-01	(2009,155,2300)
17, 15	718.900	6057.200	1.4638E-01	(2009,220,2300)
17, 16	718.900	6057.300	1.6049E-01	(2009,220,2300)
17, 17	718.900	6057.400	1.7310E-01	(2009,220,2300)
17, 18	718.900	6057.500	1.8227E-01	(2009,220,2300)
17, 19	718.900	6057.600	1.8565E-01	(2009,220,2300)
17, 20	718.900	6057.700	1.8190E-01	(2009,220,2300)
17, 21	718.900	6057.800	1.7021E-01	(2009,220,2300)
17, 22	718.900	6057.900	1.5120E-01	(2009,220,2300)
17, 23	718.900	6058.000	1.2693E-01	(2009,220,2300)
17, 24	718.900	6058.100	1.3697E-01	(2009,123,2300)
17, 25	718.900	6058.200	1.5748E-01	(2009,123,2300)
17, 26	718.900	6058.300	1.6434E-01	(2009,123,2300)
17, 27	718.900	6058.400	1.5694E-01	(2009,123,2300)
17, 28	718.900	6058.500	1.5547E-01	(2009,138,2300)
17, 29	718.900	6058.600	1.5034E-01	(2009,138,2300)
17, 30	718.900	6058.700	1.4949E-01	(2009,140,2300)

17, 31	718.900	6058.800	1.8387E-01	(2009,140,2300)
17, 32	718.900	6058.900	2.1088E-01	(2009,140,2300)
17, 33	718.900	6059.000	1.9356E-01	(2009,140,2300)
17, 34	718.900	6059.100	1.4552E-01	(2009,140,2300)
17, 35	718.900	6059.200	1.4964E-01	(2009,136,2300)
17, 36	718.900	6059.300	1.5897E-01	(2009,136,2300)
17, 37	718.900	6059.400	1.7318E-01	(2009,007,2300)
17, 38	718.900	6059.500	2.0138E-01	(2009,007,2300)
17, 39	718.900	6059.600	2.1278E-01	(2009,007,2300)
17, 40	718.900	6059.700	2.2698E-01	(2009,035,2300)
17, 41	718.900	6059.800	2.4870E-01	(2009,035,2300)
17, 42	718.900	6059.900	2.5659E-01	(2009,035,2300)
17, 43	718.900	6060.000	2.5104E-01	(2009,035,2300)
17, 44	718.900	6060.100	2.3445E-01	(2009,035,2300)
17, 45	718.900	6060.200	2.3446E-01	(2009,297,2300)
17, 46	718.900	6060.300	2.5061E-01	(2009,297,2300)
17, 47	718.900	6060.400	2.5802E-01	(2009,297,2300)
17, 48	718.900	6060.500	2.5679E-01	(2009,297,2300)
17, 49	718.900	6060.600	2.5285E-01	(2009,088,2300)
17, 50	718.900	6060.700	2.6717E-01	(2009,088,2300)
17, 51	718.900	6060.800	2.7130E-01	(2009,088,2300)
18, 1	719.000	6055.800	1.0479E-01	(2009,188,2300)
18, 2	719.000	6055.900	1.0248E-01	(2009,188,2300)
18, 3	719.000	6056.000	1.0224E-01	(2009,153,2300)
18, 4	719.000	6056.100	1.0961E-01	(2009,153,2300)
18, 5	719.000	6056.200	1.1726E-01	(2009,153,2300)
18, 6	719.000	6056.300	1.2501E-01	(2009,153,2300)
18, 7	719.000	6056.400	1.3260E-01	(2009,153,2300)
18, 8	719.000	6056.500	1.3973E-01	(2009,153,2300)
18, 9	719.000	6056.600	1.4605E-01	(2009,153,2300)
18, 10	719.000	6056.700	1.5132E-01	(2009,153,2300)
18, 11	719.000	6056.800	1.5532E-01	(2009,153,2300)
18, 12	719.000	6056.900	1.5802E-01	(2009,153,2300)
18, 13	719.000	6057.000	1.5919E-01	(2009,153,2300)
18, 14	719.000	6057.100	1.6417E-01	(2009,155,2300)
18, 15	719.000	6057.200	1.6734E-01	(2009,155,2300)
18, 16	719.000	6057.300	1.5824E-01	(2009,155,2300)
18, 17	719.000	6057.400	1.7250E-01	(2009,220,2300)
18, 18	719.000	6057.500	1.9188E-01	(2009,220,2300)
18, 19	719.000	6057.600	2.0792E-01	(2009,220,2300)
18, 20	719.000	6057.700	2.1763E-01	(2009,220,2300)
18, 21	719.000	6057.800	2.1813E-01	(2009,220,2300)
18, 22	719.000	6057.900	2.0916E-01	(2009,220,2300)
18, 23	719.000	6058.000	1.9062E-01	(2009,220,2300)
18, 24	719.000	6058.100	1.6166E-01	(2009,220,2300)
18, 25	719.000	6058.200	1.7323E-01	(2009,123,2300)
18, 26	719.000	6058.300	1.8431E-01	(2009,123,2300)
18, 27	719.000	6058.400	1.7713E-01	(2009,123,2300)
18, 28	719.000	6058.500	1.7577E-01	(2009,138,2300)
18, 29	719.000	6058.600	1.6715E-01	(2009,138,2300)
18, 30	719.000	6058.700	1.7444E-01	(2009,140,2300)
18, 31	719.000	6058.800	2.1440E-01	(2009,140,2300)
18, 32	719.000	6058.900	2.4254E-01	(2009,140,2300)
18, 33	719.000	6059.000	2.0173E-01	(2009,140,2300)
18, 34	719.000	6059.100	1.6239E-01	(2009,136,2300)
18, 35	719.000	6059.200	1.7345E-01	(2009,136,2300)
18, 36	719.000	6059.300	1.8963E-01	(2009,007,2300)
18, 37	719.000	6059.400	2.1915E-01	(2009,007,2300)
18, 38	719.000	6059.500	2.2959E-01	(2009,007,2300)
18, 39	719.000	6059.600	2.5594E-01	(2009,035,2300)

18, 40	719.000	6059.700	2.7829E-01	(2009,035,2300)
18, 41	719.000	6059.800	2.8428E-01	(2009,035,2300)
18, 42	719.000	6059.900	2.7409E-01	(2009,035,2300)
18, 43	719.000	6060.000	2.5705E-01	(2009,297,2300)
18, 44	719.000	6060.100	2.7710E-01	(2009,297,2300)
18, 45	719.000	6060.200	2.8724E-01	(2009,297,2300)
18, 46	719.000	6060.300	2.8703E-01	(2009,297,2300)
18, 47	719.000	6060.400	2.7721E-01	(2009,297,2300)
18, 48	719.000	6060.500	2.9107E-01	(2009,088,2300)
18, 49	719.000	6060.600	2.9474E-01	(2009,088,2300)
18, 50	719.000	6060.700	2.8646E-01	(2009,088,2300)
18, 51	719.000	6060.800	2.6707E-01	(2009,088,2300)
19, 1	719.100	6055.800	1.2108E-01	(2009,188,2300)
19, 2	719.100	6055.900	1.2207E-01	(2009,188,2300)
19, 3	719.100	6056.000	1.2186E-01	(2009,188,2300)
19, 4	719.100	6056.100	1.2031E-01	(2009,188,2300)
19, 5	719.100	6056.200	1.2387E-01	(2009,153,2300)
19, 6	719.100	6056.300	1.3324E-01	(2009,153,2300)
19, 7	719.100	6056.400	1.4263E-01	(2009,153,2300)
19, 8	719.100	6056.500	1.5174E-01	(2009,153,2300)
19, 9	719.100	6056.600	1.6017E-01	(2009,153,2300)
19, 10	719.100	6056.700	1.6766E-01	(2009,153,2300)
19, 11	719.100	6056.800	1.7407E-01	(2009,153,2300)
19, 12	719.100	6056.900	1.7927E-01	(2009,153,2300)
19, 13	719.100	6057.000	1.8320E-01	(2009,153,2300)
19, 14	719.100	6057.100	1.8543E-01	(2009,153,2300)
19, 15	719.100	6057.200	1.8610E-01	(2009,153,2300)
19, 16	719.100	6057.300	1.9336E-01	(2009,155,2300)
19, 17	719.100	6057.400	1.8556E-01	(2009,155,2300)
19, 18	719.100	6057.500	1.8740E-01	(2009,220,2300)
19, 19	719.100	6057.600	2.1585E-01	(2009,220,2300)
19, 20	719.100	6057.700	2.4139E-01	(2009,220,2300)
19, 21	719.100	6057.800	2.6044E-01	(2009,220,2300)
19, 22	719.100	6057.900	2.7150E-01	(2009,220,2300)
19, 23	719.100	6058.000	2.7176E-01	(2009,220,2300)
19, 24	719.100	6058.100	2.5523E-01	(2009,220,2300)
19, 25	719.100	6058.200	2.1598E-01	(2009,220,2300)
19, 26	719.100	6058.300	2.0860E-01	(2009,123,2300)
19, 27	719.100	6058.400	2.0169E-01	(2009,123,2300)
19, 28	719.100	6058.500	1.9978E-01	(2009,138,2300)
19, 29	719.100	6058.600	1.8581E-01	(2009,138,2300)
19, 30	719.100	6058.700	2.1047E-01	(2009,140,2300)
19, 31	719.100	6058.800	2.5431E-01	(2009,140,2300)
19, 32	719.100	6058.900	2.8087E-01	(2009,140,2300)
19, 33	719.100	6059.000	2.0177E-01	(2009,140,2300)
19, 34	719.100	6059.100	1.9096E-01	(2009,136,2300)
19, 35	719.100	6059.200	2.0979E-01	(2009,153,2300)
19, 36	719.100	6059.300	2.3984E-01	(2009,007,2300)
19, 37	719.100	6059.400	2.5386E-01	(2009,035,2300)
19, 38	719.100	6059.500	2.9234E-01	(2009,035,2300)
19, 39	719.100	6059.600	3.1363E-01	(2009,035,2300)
19, 40	719.100	6059.700	3.1538E-01	(2009,035,2300)
19, 41	719.100	6059.800	2.9877E-01	(2009,035,2300)
19, 42	719.100	6059.900	3.0944E-01	(2009,297,2300)
19, 43	719.100	6060.000	3.2295E-01	(2009,297,2300)
19, 44	719.100	6060.100	3.2394E-01	(2009,297,2300)
19, 45	719.100	6060.200	3.1292E-01	(2009,297,2300)
19, 46	719.100	6060.300	3.1985E-01	(2009,088,2300)
19, 47	719.100	6060.400	3.2215E-01	(2009,088,2300)
19, 48	719.100	6060.500	3.1072E-01	(2009,088,2300)

19, 49	719.100	6060.600	2.8693E-01	(2009,088,2300)
19, 50	719.100	6060.700	2.5446E-01	(2009,088,2300)
19, 51	719.100	6060.800	2.2932E-01	(2009,046,2300)
20, 1	719.200	6055.800	1.2868E-01	(2009,188,2300)
20, 2	719.200	6055.900	1.3353E-01	(2009,188,2300)
20, 3	719.200	6056.000	1.3756E-01	(2009,188,2300)
20, 4	719.200	6056.100	1.4051E-01	(2009,188,2300)
20, 5	719.200	6056.200	1.4201E-01	(2009,188,2300)
20, 6	719.200	6056.300	1.4191E-01	(2009,188,2300)
20, 7	719.200	6056.400	1.5079E-01	(2009,153,2300)
20, 8	719.200	6056.500	1.6174E-01	(2009,153,2300)
20, 9	719.200	6056.600	1.7228E-01	(2009,153,2300)
20, 10	719.200	6056.700	1.8210E-01	(2009,153,2300)
20, 11	719.200	6056.800	1.9110E-01	(2009,153,2300)
20, 12	719.200	6056.900	1.9927E-01	(2009,153,2300)
20, 13	719.200	6057.000	2.0632E-01	(2009,153,2300)
20, 14	719.200	6057.100	2.1219E-01	(2009,153,2300)
20, 15	719.200	6057.200	2.1664E-01	(2009,153,2300)
20, 16	719.200	6057.300	2.1944E-01	(2009,153,2300)
20, 17	719.200	6057.400	2.2596E-01	(2009,155,2300)
20, 18	719.200	6057.500	2.2107E-01	(2009,155,2300)
20, 19	719.200	6057.600	2.1591E-01	(2009,153,2300)
20, 20	719.200	6057.700	2.4625E-01	(2009,220,2300)
20, 21	719.200	6057.800	2.8620E-01	(2009,220,2300)
20, 22	719.200	6057.900	3.2595E-01	(2009,220,2300)
20, 23	719.200	6058.000	3.6051E-01	(2009,220,2300)
20, 24	719.200	6058.100	3.7948E-01	(2009,220,2300)
20, 25	719.200	6058.200	3.5744E-01	(2009,220,2300)
20, 26	719.200	6058.300	2.8116E-01	(2009,220,2300)
20, 27	719.200	6058.400	2.4491E-01	(2009,140,2300)
20, 28	719.200	6058.500	2.3458E-01	(2009,140,2300)
20, 29	719.200	6058.600	2.3308E-01	(2009,140,2300)
20, 30	719.200	6058.700	2.6502E-01	(2009,140,2300)
20, 31	719.200	6058.800	3.1200E-01	(2009,140,2300)
20, 32	719.200	6058.900	3.3087E-01	(2009,140,2300)
20, 33	719.200	6059.000	2.3352E-01	(2009,090,2300)
20, 34	719.200	6059.100	2.4162E-01	(2009,153,2300)
20, 35	719.200	6059.200	2.6332E-01	(2009,007,2300)
20, 36	719.200	6059.300	2.9692E-01	(2009,035,2300)
20, 37	719.200	6059.400	3.3680E-01	(2009,035,2300)
20, 38	719.200	6059.500	3.5461E-01	(2009,035,2300)
20, 39	719.200	6059.600	3.5013E-01	(2009,035,2300)
20, 40	719.200	6059.700	3.4993E-01	(2009,297,2300)
20, 41	719.200	6059.800	3.6854E-01	(2009,297,2300)
20, 42	719.200	6059.900	3.7068E-01	(2009,297,2300)
20, 43	719.200	6060.000	3.5754E-01	(2009,297,2300)
20, 44	719.200	6060.100	3.5469E-01	(2009,088,2300)
20, 45	719.200	6060.200	3.5393E-01	(2009,088,2300)
20, 46	719.200	6060.300	3.3741E-01	(2009,088,2300)
20, 47	719.200	6060.400	3.0743E-01	(2009,088,2300)
20, 48	719.200	6060.500	2.6854E-01	(2009,088,2300)
20, 49	719.200	6060.600	2.5932E-01	(2009,046,2300)
20, 50	719.200	6060.700	2.6669E-01	(2009,046,2300)
20, 51	719.200	6060.800	2.6634E-01	(2009,046,2300)
21, 1	719.300	6055.800	1.2476E-01	(2009,188,2300)
21, 2	719.300	6055.900	1.3294E-01	(2009,188,2300)
21, 3	719.300	6056.000	1.4102E-01	(2009,188,2300)
21, 4	719.300	6056.100	1.4871E-01	(2009,188,2300)
21, 5	719.300	6056.200	1.5560E-01	(2009,188,2300)
21, 6	719.300	6056.300	1.6158E-01	(2009,188,2300)



21, 7	719.300	6056.400	1.6606E-01	(2009,188,2300)
21, 8	719.300	6056.500	1.6884E-01	(2009,153,2300)
21, 9	719.300	6056.600	1.8116E-01	(2009,153,2300)
21, 10	719.300	6056.700	1.9314E-01	(2009,153,2300)
21, 11	719.300	6056.800	2.0465E-01	(2009,153,2300)
21, 12	719.300	6056.900	2.1582E-01	(2009,153,2300)
21, 13	719.300	6057.000	2.2632E-01	(2009,153,2300)
21, 14	719.300	6057.100	2.3618E-01	(2009,153,2300)
21, 15	719.300	6057.200	2.4520E-01	(2009,153,2300)
21, 16	719.300	6057.300	2.5341E-01	(2009,153,2300)
21, 17	719.300	6057.400	2.6060E-01	(2009,153,2300)
21, 18	719.300	6057.500	2.6795E-01	(2009,155,2300)
21, 19	719.300	6057.600	2.6979E-01	(2009,153,2300)
21, 20	719.300	6057.700	2.6989E-01	(2009,153,2300)
21, 21	719.300	6057.800	2.8540E-01	(2009,220,2300)
21, 22	719.300	6057.900	3.5027E-01	(2009,220,2300)
21, 23	719.300	6058.000	4.2281E-01	(2009,220,2300)
21, 24	719.300	6058.100	5.1124E-01	(2009,220,2300)
21, 25	719.300	6058.200	5.4546E-01	(2009,220,2300)
21, 26	719.300	6058.300	4.7127E-01	(2009,220,2300)
21, 27	719.300	6058.400	3.3359E-01	(2009,220,2300)
21, 28	719.300	6058.500	3.2323E-01	(2009,140,2300)
21, 29	719.300	6058.600	3.2421E-01	(2009,167,2300)
21, 30	719.300	6058.700	3.5071E-01	(2009,140,2300)
21, 31	719.300	6058.800	3.8976E-01	(2009,140,2300)
21, 32	719.300	6058.900	3.7194E-01	(2009,140,2300)
21, 33	719.300	6059.000	2.8225E-01	(2009,090,2300)
21, 34	719.300	6059.100	2.9944E-01	(2009,153,2300)
21, 35	719.300	6059.200	3.5104E-01	(2009,035,2300)
21, 36	719.300	6059.300	3.9130E-01	(2009,035,2300)
21, 37	719.300	6059.400	4.0323E-01	(2009,035,2300)
21, 38	719.300	6059.500	4.0102E-01	(2009,297,2300)
21, 39	719.300	6059.600	4.2664E-01	(2009,297,2300)
21, 40	719.300	6059.700	4.3109E-01	(2009,297,2300)
21, 41	719.300	6059.800	4.1568E-01	(2009,297,2300)
21, 42	719.300	6059.900	3.9805E-01	(2009,088,2300)
21, 43	719.300	6060.000	3.9127E-01	(2009,088,2300)
21, 44	719.300	6060.100	3.6659E-01	(2009,088,2300)
21, 45	719.300	6060.200	3.2771E-01	(2009,088,2300)
21, 46	719.300	6060.300	2.8301E-01	(2009,046,2300)
21, 47	719.300	6060.400	2.9368E-01	(2009,046,2300)
21, 48	719.300	6060.500	2.9523E-01	(2009,046,2300)
21, 49	719.300	6060.600	2.8829E-01	(2009,046,2300)
21, 50	719.300	6060.700	2.7372E-01	(2009,046,2300)
21, 51	719.300	6060.800	2.5354E-01	(2009,046,2300)
22, 1	719.400	6055.800	1.0956E-01	(2009,188,2300)
22, 2	719.400	6055.900	1.1948E-01	(2009,188,2300)
22, 3	719.400	6056.000	1.3007E-01	(2009,188,2300)
22, 4	719.400	6056.100	1.4109E-01	(2009,188,2300)
22, 5	719.400	6056.200	1.5241E-01	(2009,188,2300)
22, 6	719.400	6056.300	1.6390E-01	(2009,188,2300)
22, 7	719.400	6056.400	1.7503E-01	(2009,188,2300)
22, 8	719.400	6056.500	1.8566E-01	(2009,188,2300)
22, 9	719.400	6056.600	1.9523E-01	(2009,188,2300)
22, 10	719.400	6056.700	2.0297E-01	(2009,188,2300)
22, 11	719.400	6056.800	2.1296E-01	(2009,153,2300)
22, 12	719.400	6056.900	2.2672E-01	(2009,153,2300)
22, 13	719.400	6057.000	2.4045E-01	(2009,153,2300)
22, 14	719.400	6057.100	2.5425E-01	(2009,153,2300)
22, 15	719.400	6057.200	2.6830E-01	(2009,153,2300)

22, 16	719.400	6057.300	2.8239E-01	(2009,153,2300)
22, 17	719.400	6057.400	2.9705E-01	(2009,153,2300)
22, 18	719.400	6057.500	3.1192E-01	(2009,153,2300)
22, 19	719.400	6057.600	3.2647E-01	(2009,153,2300)
22, 20	719.400	6057.700	3.3913E-01	(2009,153,2300)
22, 21	719.400	6057.800	3.4787E-01	(2009,153,2300)
22, 22	719.400	6057.900	3.5007E-01	(2009,153,2300)
22, 23	719.400	6058.000	4.4908E-01	(2009,220,2300)
22, 24	719.400	6058.100	6.0040E-01	(2009,220,2300)
22, 25	719.400	6058.200	7.2720E-01	(2009,220,2300)
22, 26	719.400	6058.300	7.2054E-01	(2009,220,2300)
22, 27	719.400	6058.400	5.6650E-01	(2009,220,2300)
22, 28	719.400	6058.500	4.6477E-01	(2009,140,2300)
22, 29	719.400	6058.600	4.6047E-01	(2009,167,2300)
22, 30	719.400	6058.700	4.8001E-01	(2009,140,2300)
22, 31	719.400	6058.800	4.7671E-01	(2009,140,2300)
22, 32	719.400	6058.900	4.8785E-01	(2009,090,2300)
22, 33	719.400	6059.000	3.7684E-01	(2009,153,2300)
22, 34	719.400	6059.100	4.2112E-01	(2009,035,2300)
22, 35	719.400	6059.200	4.6044E-01	(2009,035,2300)
22, 36	719.400	6059.300	4.6689E-01	(2009,297,2300)
22, 37	719.400	6059.400	5.0168E-01	(2009,297,2300)
22, 38	719.400	6059.500	5.1106E-01	(2009,297,2300)
22, 39	719.400	6059.600	4.9311E-01	(2009,297,2300)
22, 40	719.400	6059.700	4.5320E-01	(2009,088,2300)
22, 41	719.400	6059.800	4.3544E-01	(2009,088,2300)
22, 42	719.400	6059.900	3.9828E-01	(2009,088,2300)
22, 43	719.400	6060.000	3.4692E-01	(2009,088,2300)
22, 44	719.400	6060.100	3.2872E-01	(2009,046,2300)
22, 45	719.400	6060.200	3.3115E-01	(2009,046,2300)
22, 46	719.400	6060.300	3.2312E-01	(2009,046,2300)
22, 47	719.400	6060.400	3.0645E-01	(2009,046,2300)
22, 48	719.400	6060.500	2.8296E-01	(2009,046,2300)
22, 49	719.400	6060.600	2.6322E-01	(2009,044,2300)
22, 50	719.400	6060.700	2.6729E-01	(2009,068,2300)
22, 51	719.400	6060.800	2.7605E-01	(2009,068,2300)
23, 1	719.500	6055.800	9.7445E-02	(2009,169,2300)
23, 2	719.500	6055.900	1.0114E-01	(2009,169,2300)
23, 3	719.500	6056.000	1.0742E-01	(2009,153,2300)
23, 4	719.500	6056.100	1.1893E-01	(2009,188,2300)
23, 5	719.500	6056.200	1.3201E-01	(2009,188,2300)
23, 6	719.500	6056.300	1.4628E-01	(2009,188,2300)
23, 7	719.500	6056.400	1.6156E-01	(2009,188,2300)
23, 8	719.500	6056.500	1.7801E-01	(2009,188,2300)
23, 9	719.500	6056.600	1.9517E-01	(2009,188,2300)
23, 10	719.500	6056.700	2.1264E-01	(2009,188,2300)
23, 11	719.500	6056.800	2.2997E-01	(2009,188,2300)
23, 12	719.500	6056.900	2.4619E-01	(2009,188,2300)
23, 13	719.500	6057.000	2.6023E-01	(2009,188,2300)
23, 14	719.500	6057.100	2.7076E-01	(2009,188,2300)
23, 15	719.500	6057.200	2.8147E-01	(2009,153,2300)
23, 16	719.500	6057.300	3.0130E-01	(2009,153,2300)
23, 17	719.500	6057.400	3.2332E-01	(2009,153,2300)
23, 18	719.500	6057.500	3.4821E-01	(2009,153,2300)
23, 19	719.500	6057.600	3.7668E-01	(2009,153,2300)
23, 20	719.500	6057.700	4.0723E-01	(2009,141,2300)
23, 21	719.500	6057.800	4.4203E-01	(2009,155,2300)
23, 22	719.500	6057.900	4.6805E-01	(2009,153,2300)
23, 23	719.500	6058.000	4.8516E-01	(2009,153,2300)
23, 24	719.500	6058.100	5.8618E-01	(2009,220,2300)

23, 25	719.500	6058.200	7.5317E-01	(2009,220,2300)
23, 26	719.500	6058.300	8.6243E-01	(2009,220,2300)
23, 27	719.500	6058.400	7.8796E-01	(2009,220,2300)
23, 28	719.500	6058.500	6.4372E-01	(2009,167,2300)
23, 29	719.500	6058.600	6.5973E-01	(2009,167,2300)
23, 30	719.500	6058.700	5.8071E-01	(2009,153,2300)
23, 31	719.500	6058.800	5.8606E-01	(2009,090,2300)
23, 32	719.500	6058.900	6.0200E-01	(2009,090,2300)
23, 33	719.500	6059.000	5.1551E-01	(2009,035,2300)
23, 34	719.500	6059.100	5.5711E-01	(2009,297,2300)
23, 35	719.500	6059.200	6.0521E-01	(2009,297,2300)
23, 36	719.500	6059.300	6.1864E-01	(2009,297,2300)
23, 37	719.500	6059.400	5.9741E-01	(2009,297,2300)
23, 38	719.500	6059.500	5.4401E-01	(2009,297,2300)
23, 39	719.500	6059.600	4.8613E-01	(2009,088,2300)
23, 40	719.500	6059.700	4.3014E-01	(2009,088,2300)
23, 41	719.500	6059.800	3.7743E-01	(2009,046,2300)
23, 42	719.500	6059.900	3.7823E-01	(2009,046,2300)
23, 43	719.500	6060.000	3.6735E-01	(2009,046,2300)
23, 44	719.500	6060.100	3.4548E-01	(2009,046,2300)
23, 45	719.500	6060.200	3.1611E-01	(2009,046,2300)
23, 46	719.500	6060.300	3.1136E-01	(2009,068,2300)
23, 47	719.500	6060.400	3.2000E-01	(2009,068,2300)
23, 48	719.500	6060.500	3.2581E-01	(2009,068,2300)
23, 49	719.500	6060.600	3.2691E-01	(2009,068,2300)
23, 50	719.500	6060.700	3.2463E-01	(2009,068,2300)
23, 51	719.500	6060.800	3.1827E-01	(2009,068,2300)
24, 1	719.600	6055.800	9.9826E-02	(2009,169,2300)
24, 2	719.600	6055.900	1.0545E-01	(2009,169,2300)
24, 3	719.600	6056.000	1.1138E-01	(2009,169,2300)
24, 4	719.600	6056.100	1.1762E-01	(2009,169,2300)
24, 5	719.600	6056.200	1.2516E-01	(2009,153,2300)
24, 6	719.600	6056.300	1.3751E-01	(2009,153,2300)
24, 7	719.600	6056.400	1.5066E-01	(2009,153,2300)
24, 8	719.600	6056.500	1.6434E-01	(2009,153,2300)
24, 9	719.600	6056.600	1.7857E-01	(2009,153,2300)
24, 10	719.600	6056.700	1.9332E-01	(2009,153,2300)
24, 11	719.600	6056.800	2.1250E-01	(2009,188,2300)
24, 12	719.600	6056.900	2.3903E-01	(2009,188,2300)
24, 13	719.600	6057.000	2.6761E-01	(2009,188,2300)
24, 14	719.600	6057.100	2.9737E-01	(2009,188,2300)
24, 15	719.600	6057.200	3.2840E-01	(2009,188,2300)
24, 16	719.600	6057.300	3.5698E-01	(2009,188,2300)
24, 17	719.600	6057.400	3.8301E-01	(2009,188,2300)
24, 18	719.600	6057.500	4.0085E-01	(2009,188,2300)
24, 19	719.600	6057.600	4.1098E-01	(2009,175,2300)
24, 20	719.600	6057.700	4.5707E-01	(2009,153,2300)
24, 21	719.600	6057.800	5.4611E-01	(2009,141,2300)
24, 22	719.600	6057.900	6.1628E-01	(2009,155,2300)
24, 23	719.600	6058.000	7.0498E-01	(2009,175,2300)
24, 24	719.600	6058.100	8.3943E-01	(2009,175,2300)
24, 25	719.600	6058.200	8.8319E-01	(2009,175,2300)
24, 26	719.600	6058.300	9.6742E-01	(2009,220,2300)
24, 27	719.600	6058.400	9.5654E-01	(2009,220,2300)
24, 28	719.600	6058.500	9.3527E-01	(2009,167,2300)
24, 29	719.600	6058.600	9.2440E-01	(2009,167,2300)
24, 30	719.600	6058.700	9.6445E-01	(2009,153,2300)
24, 31	719.600	6058.800	8.9986E-01	(2009,153,2300)
24, 32	719.600	6058.900	8.4102E-01	(2009,153,2300)
24, 33	719.600	6059.000	7.5686E-01	(2009,297,2300)

24, 34	719.600	6059.100	7.7107E-01	(2009,297,2300)
24, 35	719.600	6059.200	7.4163E-01	(2009,297,2300)
24, 36	719.600	6059.300	6.7256E-01	(2009,297,2300)
24, 37	719.600	6059.400	5.6793E-01	(2009,297,2300)
24, 38	719.600	6059.500	4.6841E-01	(2009,040,2300)
24, 39	719.600	6059.600	4.4160E-01	(2009,046,2300)
24, 40	719.600	6059.700	4.2197E-01	(2009,046,2300)
24, 41	719.600	6059.800	3.9195E-01	(2009,046,2300)
24, 42	719.600	6059.900	3.8306E-01	(2009,068,2300)
24, 43	719.600	6060.000	3.8914E-01	(2009,068,2300)
24, 44	719.600	6060.100	3.9162E-01	(2009,068,2300)
24, 45	719.600	6060.200	3.8861E-01	(2009,068,2300)
24, 46	719.600	6060.300	3.8256E-01	(2009,068,2300)
24, 47	719.600	6060.400	3.7109E-01	(2009,068,2300)
24, 48	719.600	6060.500	3.5736E-01	(2009,068,2300)
24, 49	719.600	6060.600	3.3978E-01	(2009,068,2300)
24, 50	719.600	6060.700	3.2035E-01	(2009,068,2300)
24, 51	719.600	6060.800	2.9914E-01	(2009,068,2300)
25, 1	719.700	6055.800	1.0596E-01	(2009,162,2300)
25, 2	719.700	6055.900	1.1067E-01	(2009,162,2300)
25, 3	719.700	6056.000	1.1624E-01	(2009,118,2300)
25, 4	719.700	6056.100	1.2646E-01	(2009,118,2300)
25, 5	719.700	6056.200	1.3733E-01	(2009,118,2300)
25, 6	719.700	6056.300	1.4900E-01	(2009,118,2300)
25, 7	719.700	6056.400	1.6114E-01	(2009,118,2300)
25, 8	719.700	6056.500	1.7322E-01	(2009,118,2300)
25, 9	719.700	6056.600	1.8505E-01	(2009,118,2300)
25, 10	719.700	6056.700	1.9705E-01	(2009,118,2300)
25, 11	719.700	6056.800	2.0819E-01	(2009,118,2300)
25, 12	719.700	6056.900	2.2670E-01	(2009,175,2300)
25, 13	719.700	6057.000	2.4755E-01	(2009,175,2300)
25, 14	719.700	6057.100	2.7068E-01	(2009,175,2300)
25, 15	719.700	6057.200	3.0179E-01	(2009,188,2300)
25, 16	719.700	6057.300	3.5320E-01	(2009,188,2300)
25, 17	719.700	6057.400	4.1614E-01	(2009,188,2300)
25, 18	719.700	6057.500	4.8645E-01	(2009,188,2300)
25, 19	719.700	6057.600	5.6087E-01	(2009,188,2300)
25, 20	719.700	6057.700	6.4313E-01	(2009,188,2300)
25, 21	719.700	6057.800	6.9572E-01	(2009,188,2300)
25, 22	719.700	6057.900	7.7507E-01	(2009,141,2300)
25, 23	719.700	6058.000	1.0117E+00	(2009,175,2300)
25, 24	719.700	6058.100	1.3717E+00	(2009,175,2300)
25, 25	719.700	6058.200	1.5097E+00	(2009,175,2300)
25, 26	719.700	6058.300	1.4509E+00	(2009,175,2300)
25, 27	719.700	6058.400	1.3645E+00	(2009,167,2300)
25, 28	719.700	6058.500	1.2583E+00	(2009,167,2300)
25, 29	719.700	6058.600	1.1915E+00	(2009,153,2300)
25, 30	719.700	6058.700	1.2957E+00	(2009,153,2300)
25, 31	719.700	6058.800	1.2768E+00	(2009,153,2300)
25, 32	719.700	6058.900	1.1215E+00	(2009,153,2300)
25, 33	719.700	6059.000	9.4172E-01	(2009,297,2300)
25, 34	719.700	6059.100	8.5808E-01	(2009,088,2300)
25, 35	719.700	6059.200	7.7823E-01	(2009,319,2300)
25, 36	719.700	6059.300	6.4725E-01	(2009,319,2300)
25, 37	719.700	6059.400	5.2608E-01	(2009,068,2300)
25, 38	719.700	6059.500	5.1128E-01	(2009,068,2300)
25, 39	719.700	6059.600	5.0148E-01	(2009,068,2300)
25, 40	719.700	6059.700	4.9166E-01	(2009,068,2300)
25, 41	719.700	6059.800	4.7756E-01	(2009,068,2300)
25, 42	719.700	6059.900	4.6168E-01	(2009,068,2300)

25, 43	719.700	6060.000	4.4041E-01	(2009,068,2300)
25, 44	719.700	6060.100	4.1798E-01	(2009,068,2300)
25, 45	719.700	6060.200	3.9116E-01	(2009,068,2300)
25, 46	719.700	6060.300	3.6460E-01	(2009,068,2300)
25, 47	719.700	6060.400	3.4269E-01	(2009,029,2300)
25, 48	719.700	6060.500	3.4108E-01	(2009,029,2300)
25, 49	719.700	6060.600	3.3711E-01	(2009,029,2300)
25, 50	719.700	6060.700	3.3113E-01	(2009,029,2300)
25, 51	719.700	6060.800	3.2300E-01	(2009,029,2300)
26, 1	719.800	6055.800	1.1222E-01	(2009,162,2300)
26, 2	719.800	6055.900	1.2266E-01	(2009,118,2300)
26, 3	719.800	6056.000	1.3438E-01	(2009,118,2300)
26, 4	719.800	6056.100	1.4688E-01	(2009,118,2300)
26, 5	719.800	6056.200	1.6009E-01	(2009,118,2300)
26, 6	719.800	6056.300	1.7429E-01	(2009,118,2300)
26, 7	719.800	6056.400	1.8911E-01	(2009,118,2300)
26, 8	719.800	6056.500	2.0423E-01	(2009,118,2300)
26, 9	719.800	6056.600	2.1948E-01	(2009,118,2300)
26, 10	719.800	6056.700	2.3476E-01	(2009,118,2300)
26, 11	719.800	6056.800	2.5002E-01	(2009,118,2300)
26, 12	719.800	6056.900	2.6518E-01	(2009,118,2300)
26, 13	719.800	6057.000	2.8017E-01	(2009,118,2300)
26, 14	719.800	6057.100	2.9606E-01	(2009,118,2300)
26, 15	719.800	6057.200	3.1380E-01	(2009,118,2300)
26, 16	719.800	6057.300	3.3465E-01	(2009,118,2300)
26, 17	719.800	6057.400	3.6094E-01	(2009,118,2300)
26, 18	719.800	6057.500	4.1326E-01	(2009,169,2300)
26, 19	719.800	6057.600	5.1592E-01	(2009,188,2300)
26, 20	719.800	6057.700	6.7969E-01	(2009,188,2300)
26, 21	719.800	6057.800	8.9113E-01	(2009,188,2300)
26, 22	719.800	6057.900	1.2211E+00	(2009,188,2300)
26, 23	719.800	6058.000	1.6725E+00	(2009,188,2300)
26, 24	719.800	6058.100	2.1566E+00	(2009,187,2300)
26, 25	719.800	6058.200	2.3014E+00	(2009,175,2300)
26, 26	719.800	6058.300	2.6110E+00	(2009,153,2300)
26, 27	719.800	6058.400	2.4732E+00	(2009,088,2300)
26, 28	719.800	6058.500	2.1080E+00	(2009,088,2300)
26, 29	719.800	6058.600	1.4980E+00	(2009,088,2300)
26, 30	719.800	6058.700	1.3882E+00	(2009,167,2300)
26, 31	719.800	6058.800	1.3057E+00	(2009,167,2300)
26, 32	719.800	6058.900	1.1304E+00	(2009,167,2300)
26, 33	719.800	6059.000	1.0464E+00	(2009,289,2300)
26, 34	719.800	6059.100	1.1268E+00	(2009,289,2300)
26, 35	719.800	6059.200	1.0039E+00	(2009,289,2300)
26, 36	719.800	6059.300	7.4629E-01	(2009,289,2300)
26, 37	719.800	6059.400	6.0438E-01	(2009,068,2300)
26, 38	719.800	6059.500	5.6207E-01	(2009,068,2300)
26, 39	719.800	6059.600	5.1988E-01	(2009,068,2300)
26, 40	719.800	6059.700	4.8100E-01	(2009,068,2300)
26, 41	719.800	6059.800	4.4052E-01	(2009,068,2300)
26, 42	719.800	6059.900	4.2001E-01	(2009,029,2300)
26, 43	719.800	6060.000	4.0987E-01	(2009,029,2300)
26, 44	719.800	6060.100	3.9845E-01	(2009,029,2300)
26, 45	719.800	6060.200	3.8566E-01	(2009,029,2300)
26, 46	719.800	6060.300	3.7122E-01	(2009,029,2300)
26, 47	719.800	6060.400	3.5537E-01	(2009,029,2300)
26, 48	719.800	6060.500	3.3842E-01	(2009,029,2300)
26, 49	719.800	6060.600	3.2031E-01	(2009,029,2300)
26, 50	719.800	6060.700	3.0151E-01	(2009,029,2300)
26, 51	719.800	6060.800	2.8215E-01	(2009,029,2300)

27, 1	719.900	6055.800	1.2354E-01	(2009,118,2300)
27, 2	719.900	6055.900	1.3614E-01	(2009,118,2300)
27, 3	719.900	6056.000	1.4963E-01	(2009,118,2300)
27, 4	719.900	6056.100	1.6397E-01	(2009,118,2300)
27, 5	719.900	6056.200	1.7908E-01	(2009,118,2300)
27, 6	719.900	6056.300	1.9512E-01	(2009,118,2300)
27, 7	719.900	6056.400	2.1184E-01	(2009,118,2300)
27, 8	719.900	6056.500	2.2883E-01	(2009,118,2300)
27, 9	719.900	6056.600	2.4640E-01	(2009,118,2300)
27, 10	719.900	6056.700	2.6382E-01	(2009,118,2300)
27, 11	719.900	6056.800	2.8170E-01	(2009,118,2300)
27, 12	719.900	6056.900	2.9937E-01	(2009,118,2300)
27, 13	719.900	6057.000	3.1763E-01	(2009,118,2300)
27, 14	719.900	6057.100	3.3746E-01	(2009,118,2300)
27, 15	719.900	6057.200	3.5981E-01	(2009,118,2300)
27, 16	719.900	6057.300	3.8655E-01	(2009,118,2300)
27, 17	719.900	6057.400	4.2058E-01	(2009,118,2300)
27, 18	719.900	6057.500	4.7150E-01	(2009,162,2300)
27, 19	719.900	6057.600	5.6191E-01	(2009,162,2300)
27, 20	719.900	6057.700	6.9079E-01	(2009,162,2300)
27, 21	719.900	6057.800	8.8982E-01	(2009,162,2300)
27, 22	719.900	6057.900	1.2078E+00	(2009,162,2300)
27, 23	719.900	6058.000	1.8432E+00	(2009,161,2300)
27, 24	719.900	6058.100	3.7959E+00	(2009,172,2300)
27, 25	719.900	6058.200	3.7930E+00	(2009,172,2300)
27, 26	719.900	6058.300	3.9739E+00	(2009,172,2300)
27, 27	719.900	6058.400	3.5368E+00	(2009,064,2300)
27, 28	719.900	6058.500	2.3973E+00	(2009,068,2300)
27, 29	719.900	6058.600	1.4719E+00	(2009,068,2300)
27, 30	719.900	6058.700	1.0613E+00	(2009,226,2300)
27, 31	719.900	6058.800	1.0562E+00	(2009,121,2300)
27, 32	719.900	6058.900	1.1610E+00	(2009,166,2300)
27, 33	719.900	6059.000	1.2417E+00	(2009,064,2300)
27, 34	719.900	6059.100	1.2876E+00	(2009,064,2300)
27, 35	719.900	6059.200	1.0176E+00	(2009,289,2300)
27, 36	719.900	6059.300	7.8055E-01	(2009,289,2300)
27, 37	719.900	6059.400	6.1541E-01	(2009,357,2300)
27, 38	719.900	6059.500	5.5031E-01	(2009,357,2300)
27, 39	719.900	6059.600	4.9323E-01	(2009,357,2300)
27, 40	719.900	6059.700	4.5227E-01	(2009,029,2300)
27, 41	719.900	6059.800	4.2666E-01	(2009,029,2300)
27, 42	719.900	6059.900	4.0118E-01	(2009,029,2300)
27, 43	719.900	6060.000	3.7598E-01	(2009,029,2300)
27, 44	719.900	6060.100	3.5108E-01	(2009,029,2300)
27, 45	719.900	6060.200	3.3249E-01	(2009,272,2300)
27, 46	719.900	6060.300	3.1632E-01	(2009,272,2300)
27, 47	719.900	6060.400	3.0126E-01	(2009,272,2300)
27, 48	719.900	6060.500	2.8733E-01	(2009,272,2300)
27, 49	719.900	6060.600	2.7414E-01	(2009,272,2300)
27, 50	719.900	6060.700	2.6165E-01	(2009,272,2300)
27, 51	719.900	6060.800	2.4976E-01	(2009,272,2300)
28, 1	720.000	6055.800	1.3181E-01	(2009,118,2300)
28, 2	720.000	6055.900	1.4549E-01	(2009,118,2300)
28, 3	720.000	6056.000	1.6006E-01	(2009,118,2300)
28, 4	720.000	6056.100	1.7552E-01	(2009,118,2300)
28, 5	720.000	6056.200	1.9175E-01	(2009,118,2300)
28, 6	720.000	6056.300	2.0853E-01	(2009,118,2300)
28, 7	720.000	6056.400	2.2601E-01	(2009,118,2300)
28, 8	720.000	6056.500	2.4377E-01	(2009,118,2300)
28, 9	720.000	6056.600	2.6157E-01	(2009,118,2300)

28, 10	720.000	6056.700	2.7957E-01	(2009,118,2300)
28, 11	720.000	6056.800	2.9747E-01	(2009,118,2300)
28, 12	720.000	6056.900	3.1542E-01	(2009,118,2300)
28, 13	720.000	6057.000	3.3411E-01	(2009,118,2300)
28, 14	720.000	6057.100	3.5402E-01	(2009,118,2300)
28, 15	720.000	6057.200	3.7622E-01	(2009,118,2300)
28, 16	720.000	6057.300	4.0232E-01	(2009,118,2300)
28, 17	720.000	6057.400	4.3500E-01	(2009,118,2300)
28, 18	720.000	6057.500	4.7567E-01	(2009,118,2300)
28, 19	720.000	6057.600	5.4151E-01	(2009,161,2300)
28, 20	720.000	6057.700	6.7108E-01	(2009,161,2300)
28, 21	720.000	6057.800	8.4463E-01	(2009,161,2300)
28, 22	720.000	6057.900	1.1335E+00	(2009,161,2300)
28, 23	720.000	6058.000	1.6336E+00	(2009,172,2300)
28, 24	720.000	6058.100	3.4507E+00	(2009,199,2300)
28, 25	720.000	6058.200	4.5080E+00	(2009,118,2300)
28, 26	720.000	6058.300	3.9744E+00	(2009,332,2300)
28, 27	720.000	6058.400	6.4578E+00	(2009,118,2300)
28, 28	720.000	6058.500	4.5755E+00	(2009,332,2300)
28, 29	720.000	6058.600	2.1052E+00	(2009,013,2300)
28, 30	720.000	6058.700	1.4480E+00	(2009,013,2300)
28, 31	720.000	6058.800	1.1117E+00	(2009,013,2300)
28, 32	720.000	6058.900	9.3854E-01	(2009,272,2300)
28, 33	720.000	6059.000	1.0160E+00	(2009,166,2300)
28, 34	720.000	6059.100	1.0628E+00	(2009,064,2300)
28, 35	720.000	6059.200	9.8009E-01	(2009,064,2300)
28, 36	720.000	6059.300	7.3297E-01	(2009,064,2300)
28, 37	720.000	6059.400	5.9722E-01	(2009,120,2300)
28, 38	720.000	6059.500	4.8712E-01	(2009,357,2300)
28, 39	720.000	6059.600	4.5854E-01	(2009,357,2300)
28, 40	720.000	6059.700	4.3135E-01	(2009,357,2300)
28, 41	720.000	6059.800	4.0391E-01	(2009,357,2300)
28, 42	720.000	6059.900	3.7849E-01	(2009,357,2300)
28, 43	720.000	6060.000	3.5366E-01	(2009,357,2300)
28, 44	720.000	6060.100	3.3132E-01	(2009,357,2300)
28, 45	720.000	6060.200	3.0984E-01	(2009,357,2300)
28, 46	720.000	6060.300	2.9078E-01	(2009,357,2300)
28, 47	720.000	6060.400	2.7274E-01	(2009,357,2300)
28, 48	720.000	6060.500	2.5667E-01	(2009,357,2300)
28, 49	720.000	6060.600	2.4155E-01	(2009,357,2300)
28, 50	720.000	6060.700	2.2796E-01	(2009,357,2300)
28, 51	720.000	6060.800	2.1540E-01	(2009,357,2300)
29, 1	720.100	6055.800	1.3545E-01	(2009,118,2300)
29, 2	720.100	6055.900	1.4949E-01	(2009,118,2300)
29, 3	720.100	6056.000	1.6435E-01	(2009,118,2300)
29, 4	720.100	6056.100	1.7997E-01	(2009,118,2300)
29, 5	720.100	6056.200	1.9621E-01	(2009,118,2300)
29, 6	720.100	6056.300	2.1262E-01	(2009,118,2300)
29, 7	720.100	6056.400	2.2941E-01	(2009,118,2300)
29, 8	720.100	6056.500	2.4643E-01	(2009,118,2300)
29, 9	720.100	6056.600	2.6274E-01	(2009,118,2300)
29, 10	720.100	6056.700	2.7912E-01	(2009,118,2300)
29, 11	720.100	6056.800	2.9474E-01	(2009,118,2300)
29, 12	720.100	6056.900	3.1000E-01	(2009,118,2300)
29, 13	720.100	6057.000	3.2602E-01	(2009,118,2300)
29, 14	720.100	6057.100	3.4171E-01	(2009,118,2300)
29, 15	720.100	6057.200	3.5876E-01	(2009,118,2300)
29, 16	720.100	6057.300	3.7743E-01	(2009,118,2300)
29, 17	720.100	6057.400	3.9969E-01	(2009,118,2300)
29, 18	720.100	6057.500	4.2379E-01	(2009,118,2300)

29, 19	720.100	6057.600	4.6086E-01	(2009,172,2300)
29, 20	720.100	6057.700	5.8592E-01	(2009,172,2300)
29, 21	720.100	6057.800	7.4099E-01	(2009,172,2300)
29, 22	720.100	6057.900	9.3028E-01	(2009,200,2300)
29, 23	720.100	6058.000	1.2402E+00	(2009,199,2300)
29, 24	720.100	6058.100	1.6389E+00	(2009,198,2300)
29, 25	720.100	6058.200	2.1171E+00	(2009,193,2300)
29, 26	720.100	6058.300	2.4625E+00	(2009,193,2300)
29, 27	720.100	6058.400	2.2129E+00	(2009,193,2300)
29, 28	720.100	6058.500	2.0846E+00	(2009,062,2300)
29, 29	720.100	6058.600	1.5870E+00	(2009,336,2300)
29, 30	720.100	6058.700	1.4795E+00	(2009,350,2300)
29, 31	720.100	6058.800	1.4661E+00	(2009,013,2300)
29, 32	720.100	6058.900	1.3481E+00	(2009,013,2300)
29, 33	720.100	6059.000	1.1629E+00	(2009,013,2300)
29, 34	720.100	6059.100	9.9162E-01	(2009,013,2300)
29, 35	720.100	6059.200	8.4825E-01	(2009,013,2300)
29, 36	720.100	6059.300	7.3380E-01	(2009,013,2300)
29, 37	720.100	6059.400	6.4233E-01	(2009,013,2300)
29, 38	720.100	6059.500	5.6763E-01	(2009,013,2300)
29, 39	720.100	6059.600	5.0581E-01	(2009,013,2300)
29, 40	720.100	6059.700	4.5138E-01	(2009,013,2300)
29, 41	720.100	6059.800	4.0266E-01	(2009,013,2300)
29, 42	720.100	6059.900	3.5801E-01	(2009,013,2300)
29, 43	720.100	6060.000	3.1784E-01	(2009,013,2300)
29, 44	720.100	6060.100	2.8165E-01	(2009,013,2300)
29, 45	720.100	6060.200	2.5225E-01	(2009,357,2300)
29, 46	720.100	6060.300	2.4068E-01	(2009,357,2300)
29, 47	720.100	6060.400	2.2932E-01	(2009,357,2300)
29, 48	720.100	6060.500	2.1838E-01	(2009,357,2300)
29, 49	720.100	6060.600	2.0774E-01	(2009,357,2300)
29, 50	720.100	6060.700	1.9779E-01	(2009,357,2300)
29, 51	720.100	6060.800	1.8820E-01	(2009,357,2300)
30, 1	720.200	6055.800	1.3401E-01	(2009,118,2300)
30, 2	720.200	6055.900	1.4755E-01	(2009,118,2300)
30, 3	720.200	6056.000	1.6181E-01	(2009,118,2300)
30, 4	720.200	6056.100	1.7663E-01	(2009,118,2300)
30, 5	720.200	6056.200	1.9168E-01	(2009,118,2300)
30, 6	720.200	6056.300	2.0652E-01	(2009,118,2300)
30, 7	720.200	6056.400	2.2137E-01	(2009,118,2300)
30, 8	720.200	6056.500	2.3604E-01	(2009,118,2300)
30, 9	720.200	6056.600	2.4966E-01	(2009,118,2300)
30, 10	720.200	6056.700	2.6237E-01	(2009,118,2300)
30, 11	720.200	6056.800	2.7412E-01	(2009,118,2300)
30, 12	720.200	6056.900	2.8450E-01	(2009,118,2300)
30, 13	720.200	6057.000	2.9493E-01	(2009,118,2300)
30, 14	720.200	6057.100	3.0384E-01	(2009,118,2300)
30, 15	720.200	6057.200	3.1226E-01	(2009,118,2300)
30, 16	720.200	6057.300	3.1975E-01	(2009,118,2300)
30, 17	720.200	6057.400	3.4653E-01	(2009,172,2300)
30, 18	720.200	6057.500	3.9959E-01	(2009,172,2300)
30, 19	720.200	6057.600	4.5541E-01	(2009,172,2300)
30, 20	720.200	6057.700	5.3445E-01	(2009,200,2300)
30, 21	720.200	6057.800	5.9753E-01	(2009,200,2300)
30, 22	720.200	6057.900	7.1098E-01	(2009,178,2300)
30, 23	720.200	6058.000	8.9938E-01	(2009,178,2300)
30, 24	720.200	6058.100	1.0432E+00	(2009,105,2300)
30, 25	720.200	6058.200	1.3674E+00	(2009,134,2300)
30, 26	720.200	6058.300	1.6047E+00	(2009,193,2300)
30, 27	720.200	6058.400	1.4224E+00	(2009,193,2300)



30, 28	720.200	6058.500	1.2043E+00	(2009,115,2300)
30, 29	720.200	6058.600	1.2618E+00	(2009,287,2300)
30, 30	720.200	6058.700	1.0064E+00	(2009,336,2300)
30, 31	720.200	6058.800	8.5629E-01	(2009,325,2300)
30, 32	720.200	6058.900	8.1354E-01	(2009,350,2300)
30, 33	720.200	6059.000	7.9596E-01	(2009,013,2300)
30, 34	720.200	6059.100	8.7936E-01	(2009,013,2300)
30, 35	720.200	6059.200	8.8780E-01	(2009,013,2300)
30, 36	720.200	6059.300	8.4787E-01	(2009,013,2300)
30, 37	720.200	6059.400	7.8659E-01	(2009,013,2300)
30, 38	720.200	6059.500	7.1530E-01	(2009,013,2300)
30, 39	720.200	6059.600	6.4881E-01	(2009,013,2300)
30, 40	720.200	6059.700	5.8481E-01	(2009,013,2300)
30, 41	720.200	6059.800	5.2805E-01	(2009,013,2300)
30, 42	720.200	6059.900	4.7554E-01	(2009,013,2300)
30, 43	720.200	6060.000	4.2771E-01	(2009,013,2300)
30, 44	720.200	6060.100	3.8349E-01	(2009,013,2300)
30, 45	720.200	6060.200	3.4332E-01	(2009,013,2300)
30, 46	720.200	6060.300	3.0662E-01	(2009,013,2300)
30, 47	720.200	6060.400	2.7399E-01	(2009,013,2300)
30, 48	720.200	6060.500	2.4478E-01	(2009,013,2300)
30, 49	720.200	6060.600	2.1939E-01	(2009,013,2300)
30, 50	720.200	6060.700	1.9688E-01	(2009,013,2300)
30, 51	720.200	6060.800	1.7726E-01	(2009,013,2300)
31, 1	720.300	6055.800	1.2752E-01	(2009,118,2300)
31, 2	720.300	6055.900	1.3982E-01	(2009,118,2300)
31, 3	720.300	6056.000	1.5270E-01	(2009,118,2300)
31, 4	720.300	6056.100	1.6574E-01	(2009,118,2300)
31, 5	720.300	6056.200	1.7860E-01	(2009,118,2300)
31, 6	720.300	6056.300	1.9102E-01	(2009,118,2300)
31, 7	720.300	6056.400	2.0292E-01	(2009,118,2300)
31, 8	720.300	6056.500	2.1410E-01	(2009,118,2300)
31, 9	720.300	6056.600	2.2413E-01	(2009,118,2300)
31, 10	720.300	6056.700	2.3236E-01	(2009,118,2300)
31, 11	720.300	6056.800	2.3905E-01	(2009,118,2300)
31, 12	720.300	6056.900	2.4408E-01	(2009,118,2300)
31, 13	720.300	6057.000	2.4767E-01	(2009,118,2300)
31, 14	720.300	6057.100	2.4906E-01	(2009,118,2300)
31, 15	720.300	6057.200	2.7183E-01	(2009,172,2300)
31, 16	720.300	6057.300	2.9806E-01	(2009,172,2300)
31, 17	720.300	6057.400	3.3546E-01	(2009,200,2300)
31, 18	720.300	6057.500	3.7652E-01	(2009,200,2300)
31, 19	720.300	6057.600	4.0020E-01	(2009,200,2300)
31, 20	720.300	6057.700	4.0250E-01	(2009,200,2300)
31, 21	720.300	6057.800	5.0707E-01	(2009,178,2300)
31, 22	720.300	6057.900	5.9501E-01	(2009,178,2300)
31, 23	720.300	6058.000	6.0695E-01	(2009,198,2300)
31, 24	720.300	6058.100	8.4280E-01	(2009,105,2300)
31, 25	720.300	6058.200	1.0063E+00	(2009,134,2300)
31, 26	720.300	6058.300	1.1944E+00	(2009,193,2300)
31, 27	720.300	6058.400	1.0769E+00	(2009,193,2300)
31, 28	720.300	6058.500	8.9877E-01	(2009,115,2300)
31, 29	720.300	6058.600	9.3229E-01	(2009,115,2300)
31, 30	720.300	6058.700	9.6507E-01	(2009,287,2300)
31, 31	720.300	6058.800	7.4165E-01	(2009,336,2300)
31, 32	720.300	6058.900	6.7937E-01	(2009,336,2300)
31, 33	720.300	6059.000	6.1695E-01	(2009,166,2300)
31, 34	720.300	6059.100	5.6968E-01	(2009,166,2300)
31, 35	720.300	6059.200	5.4818E-01	(2009,057,2300)
31, 36	720.300	6059.300	5.6014E-01	(2009,057,2300)

31, 37	720.300	6059.400	6.0055E-01	(2009,013,2300)
31, 38	720.300	6059.500	6.3554E-01	(2009,013,2300)
31, 39	720.300	6059.600	6.4403E-01	(2009,013,2300)
31, 40	720.300	6059.700	6.3082E-01	(2009,013,2300)
31, 41	720.300	6059.800	6.0576E-01	(2009,013,2300)
31, 42	720.300	6059.900	5.7188E-01	(2009,013,2300)
31, 43	720.300	6060.000	5.3400E-01	(2009,013,2300)
31, 44	720.300	6060.100	4.9446E-01	(2009,013,2300)
31, 45	720.300	6060.200	4.5458E-01	(2009,013,2300)
31, 46	720.300	6060.300	4.1567E-01	(2009,013,2300)
31, 47	720.300	6060.400	3.7850E-01	(2009,013,2300)
31, 48	720.300	6060.500	3.4314E-01	(2009,013,2300)
31, 49	720.300	6060.600	3.1048E-01	(2009,013,2300)
31, 50	720.300	6060.700	2.8004E-01	(2009,013,2300)
31, 51	720.300	6060.800	2.5250E-01	(2009,013,2300)
32, 1	720.400	6055.800	1.1669E-01	(2009,118,2300)
32, 2	720.400	6055.900	1.2729E-01	(2009,118,2300)
32, 3	720.400	6056.000	1.3805E-01	(2009,118,2300)
32, 4	720.400	6056.100	1.4872E-01	(2009,118,2300)
32, 5	720.400	6056.200	1.5879E-01	(2009,118,2300)
32, 6	720.400	6056.300	1.6829E-01	(2009,118,2300)
32, 7	720.400	6056.400	1.7680E-01	(2009,118,2300)
32, 8	720.400	6056.500	1.8406E-01	(2009,118,2300)
32, 9	720.400	6056.600	1.8998E-01	(2009,118,2300)
32, 10	720.400	6056.700	1.9379E-01	(2009,118,2300)
32, 11	720.400	6056.800	1.9577E-01	(2009,118,2300)
32, 12	720.400	6056.900	2.0108E-01	(2009,172,2300)
32, 13	720.400	6057.000	2.1560E-01	(2009,172,2300)
32, 14	720.400	6057.100	2.3640E-01	(2009,200,2300)
32, 15	720.400	6057.200	2.6676E-01	(2009,200,2300)
32, 16	720.400	6057.300	2.9111E-01	(2009,200,2300)
32, 17	720.400	6057.400	3.0462E-01	(2009,200,2300)
32, 18	720.400	6057.500	3.0329E-01	(2009,200,2300)
32, 19	720.400	6057.600	3.2373E-01	(2009,178,2300)
32, 20	720.400	6057.700	3.8962E-01	(2009,178,2300)
32, 21	720.400	6057.800	4.3668E-01	(2009,178,2300)
32, 22	720.400	6057.900	4.3557E-01	(2009,178,2300)
32, 23	720.400	6058.000	4.7550E-01	(2009,105,2300)
32, 24	720.400	6058.100	6.9715E-01	(2009,105,2300)
32, 25	720.400	6058.200	7.9023E-01	(2009,134,2300)
32, 26	720.400	6058.300	9.4880E-01	(2009,193,2300)
32, 27	720.400	6058.400	9.0011E-01	(2009,193,2300)
32, 28	720.400	6058.500	6.9906E-01	(2009,182,2300)
32, 29	720.400	6058.600	8.7746E-01	(2009,115,2300)
32, 30	720.400	6058.700	7.1020E-01	(2009,268,2300)
32, 31	720.400	6058.800	7.4658E-01	(2009,287,2300)
32, 32	720.400	6058.900	5.8789E-01	(2009,336,2300)
32, 33	720.400	6059.000	5.4078E-01	(2009,336,2300)
32, 34	720.400	6059.100	5.1616E-01	(2009,166,2300)
32, 35	720.400	6059.200	4.9197E-01	(2009,166,2300)
32, 36	720.400	6059.300	4.6473E-01	(2009,064,2300)
32, 37	720.400	6059.400	4.6048E-01	(2009,064,2300)
32, 38	720.400	6059.500	4.4122E-01	(2009,064,2300)
32, 39	720.400	6059.600	4.4406E-01	(2009,057,2300)
32, 40	720.400	6059.700	4.4794E-01	(2009,057,2300)
32, 41	720.400	6059.800	4.8176E-01	(2009,013,2300)
32, 42	720.400	6059.900	5.0504E-01	(2009,013,2300)
32, 43	720.400	6060.000	5.1348E-01	(2009,013,2300)
32, 44	720.400	6060.100	5.1071E-01	(2009,013,2300)
32, 45	720.400	6060.200	4.9836E-01	(2009,013,2300)

32, 46	720.400	6060.300	4.7988E-01	(2009,013,2300)
32, 47	720.400	6060.400	4.5665E-01	(2009,013,2300)
32, 48	720.400	6060.500	4.3040E-01	(2009,013,2300)
32, 49	720.400	6060.600	4.0260E-01	(2009,013,2300)
32, 50	720.400	6060.700	3.7359E-01	(2009,013,2300)
32, 51	720.400	6060.800	3.4494E-01	(2009,013,2300)
33, 1	720.500	6055.800	1.0285E-01	(2009,118,2300)
33, 2	720.500	6055.900	1.1134E-01	(2009,118,2300)
33, 3	720.500	6056.000	1.1968E-01	(2009,118,2300)
33, 4	720.500	6056.100	1.2760E-01	(2009,118,2300)
33, 5	720.500	6056.200	1.3490E-01	(2009,118,2300)
33, 6	720.500	6056.300	1.4120E-01	(2009,118,2300)
33, 7	720.500	6056.400	1.4645E-01	(2009,118,2300)
33, 8	720.500	6056.500	1.5015E-01	(2009,118,2300)
33, 9	720.500	6056.600	1.5678E-01	(2009,172,2300)
33, 10	720.500	6056.700	1.6501E-01	(2009,172,2300)
33, 11	720.500	6056.800	1.7445E-01	(2009,200,2300)
33, 12	720.500	6056.900	1.9700E-01	(2009,200,2300)
33, 13	720.500	6057.000	2.1848E-01	(2009,200,2300)
33, 14	720.500	6057.100	2.3503E-01	(2009,200,2300)
33, 15	720.500	6057.200	2.4441E-01	(2009,200,2300)
33, 16	720.500	6057.300	2.4264E-01	(2009,200,2300)
33, 17	720.500	6057.400	2.2696E-01	(2009,178,2300)
33, 18	720.500	6057.500	2.7071E-01	(2009,178,2300)
33, 19	720.500	6057.600	3.1336E-01	(2009,178,2300)
33, 20	720.500	6057.700	3.4262E-01	(2009,178,2300)
33, 21	720.500	6057.800	3.4388E-01	(2009,178,2300)
33, 22	720.500	6057.900	3.6459E-01	(2009,238,2300)
33, 23	720.500	6058.000	4.5903E-01	(2009,105,2300)
33, 24	720.500	6058.100	5.8717E-01	(2009,105,2300)
33, 25	720.500	6058.200	6.5032E-01	(2009,134,2300)
33, 26	720.500	6058.300	8.1521E-01	(2009,193,2300)
33, 27	720.500	6058.400	8.2939E-01	(2009,193,2300)
33, 28	720.500	6058.500	6.6434E-01	(2009,182,2300)
33, 29	720.500	6058.600	7.4667E-01	(2009,115,2300)
33, 30	720.500	6058.700	7.4010E-01	(2009,115,2300)
33, 31	720.500	6058.800	5.4410E-01	(2009,268,2300)
33, 32	720.500	6058.900	6.0151E-01	(2009,287,2300)
33, 33	720.500	6059.000	4.8323E-01	(2009,336,2300)
33, 34	720.500	6059.100	4.4483E-01	(2009,336,2300)
33, 35	720.500	6059.200	4.2763E-01	(2009,166,2300)
33, 36	720.500	6059.300	4.1797E-01	(2009,166,2300)
33, 37	720.500	6059.400	4.0424E-01	(2009,064,2300)
33, 38	720.500	6059.500	3.9967E-01	(2009,064,2300)
33, 39	720.500	6059.600	3.8415E-01	(2009,064,2300)
33, 40	720.500	6059.700	3.5791E-01	(2009,064,2300)
33, 41	720.500	6059.800	3.5598E-01	(2009,057,2300)
33, 42	720.500	6059.900	3.7101E-01	(2009,057,2300)
33, 43	720.500	6060.000	3.7536E-01	(2009,057,2300)
33, 44	720.500	6060.100	3.7599E-01	(2009,013,2300)
33, 45	720.500	6060.200	4.0234E-01	(2009,013,2300)
33, 46	720.500	6060.300	4.2037E-01	(2009,013,2300)
33, 47	720.500	6060.400	4.2911E-01	(2009,013,2300)
33, 48	720.500	6060.500	4.3066E-01	(2009,013,2300)
33, 49	720.500	6060.600	4.2558E-01	(2009,013,2300)
33, 50	720.500	6060.700	4.1496E-01	(2009,013,2300)
33, 51	720.500	6060.800	4.0034E-01	(2009,013,2300)
34, 1	720.600	6055.800	9.6290E-02	(2009,204,2300)
34, 2	720.600	6055.900	1.0205E-01	(2009,172,2300)
34, 3	720.600	6056.000	1.0839E-01	(2009,172,2300)

34, 4	720.600	6056.100	1.1476E-01	(2009,172,2300)
34, 5	720.600	6056.200	1.2093E-01	(2009,172,2300)
34, 6	720.600	6056.300	1.2680E-01	(2009,172,2300)
34, 7	720.600	6056.400	1.3206E-01	(2009,172,2300)
34, 8	720.600	6056.500	1.3653E-01	(2009,172,2300)
34, 9	720.600	6056.600	1.5043E-01	(2009,200,2300)
34, 10	720.600	6056.700	1.6738E-01	(2009,200,2300)
34, 11	720.600	6056.800	1.8290E-01	(2009,200,2300)
34, 12	720.600	6056.900	1.9482E-01	(2009,200,2300)
34, 13	720.600	6057.000	2.0161E-01	(2009,200,2300)
34, 14	720.600	6057.100	2.0027E-01	(2009,200,2300)
34, 15	720.600	6057.200	1.8973E-01	(2009,200,2300)
34, 16	720.600	6057.300	1.9961E-01	(2009,178,2300)
34, 17	720.600	6057.400	2.2969E-01	(2009,178,2300)
34, 18	720.600	6057.500	2.5715E-01	(2009,178,2300)
34, 19	720.600	6057.600	2.7717E-01	(2009,178,2300)
34, 20	720.600	6057.700	2.8032E-01	(2009,178,2300)
34, 21	720.600	6057.800	2.8667E-01	(2009,238,2300)
34, 22	720.600	6057.900	3.0877E-01	(2009,238,2300)
34, 23	720.600	6058.000	4.3646E-01	(2009,105,2300)
34, 24	720.600	6058.100	5.0134E-01	(2009,105,2300)
34, 25	720.600	6058.200	5.5698E-01	(2009,134,2300)
34, 26	720.600	6058.300	7.2236E-01	(2009,193,2300)
34, 27	720.600	6058.400	7.8659E-01	(2009,193,2300)
34, 28	720.600	6058.500	6.4707E-01	(2009,182,2300)
34, 29	720.600	6058.600	6.2047E-01	(2009,115,2300)
34, 30	720.600	6058.700	7.3127E-01	(2009,115,2300)
34, 31	720.600	6058.800	5.2400E-01	(2009,115,2300)
34, 32	720.600	6058.900	4.6885E-01	(2009,287,2300)
34, 33	720.600	6059.000	4.9675E-01	(2009,287,2300)
34, 34	720.600	6059.100	4.1038E-01	(2009,336,2300)
34, 35	720.600	6059.200	3.7565E-01	(2009,336,2300)
34, 36	720.600	6059.300	3.5579E-01	(2009,166,2300)
34, 37	720.600	6059.400	3.5474E-01	(2009,166,2300)
34, 38	720.600	6059.500	3.5197E-01	(2009,064,2300)
34, 39	720.600	6059.600	3.4938E-01	(2009,064,2300)
34, 40	720.600	6059.700	3.3717E-01	(2009,064,2300)
34, 41	720.600	6059.800	3.1693E-01	(2009,064,2300)
34, 42	720.600	6059.900	2.9120E-01	(2009,064,2300)
34, 43	720.600	6060.000	2.8669E-01	(2009,057,2300)
34, 44	720.600	6060.100	3.0496E-01	(2009,057,2300)
34, 45	720.600	6060.200	3.1542E-01	(2009,057,2300)
34, 46	720.600	6060.300	3.1773E-01	(2009,057,2300)
34, 47	720.600	6060.400	3.1258E-01	(2009,057,2300)
34, 48	720.600	6060.500	3.2661E-01	(2009,013,2300)
34, 49	720.600	6060.600	3.4724E-01	(2009,013,2300)
34, 50	720.600	6060.700	3.6198E-01	(2009,013,2300)
34, 51	720.600	6060.800	3.7075E-01	(2009,013,2300)
35, 1	720.700	6055.800	9.6034E-02	(2009,172,2300)
35, 2	720.700	6055.900	1.0032E-01	(2009,172,2300)
35, 3	720.700	6056.000	1.0435E-01	(2009,172,2300)
35, 4	720.700	6056.100	1.0807E-01	(2009,172,2300)
35, 5	720.700	6056.200	1.1122E-01	(2009,172,2300)
35, 6	720.700	6056.300	1.1838E-01	(2009,200,2300)
35, 7	720.700	6056.400	1.3183E-01	(2009,200,2300)
35, 8	720.700	6056.500	1.4495E-01	(2009,200,2300)
35, 9	720.700	6056.600	1.5651E-01	(2009,200,2300)
35, 10	720.700	6056.700	1.6534E-01	(2009,200,2300)
35, 11	720.700	6056.800	1.7022E-01	(2009,200,2300)
35, 12	720.700	6056.900	1.6931E-01	(2009,200,2300)

35, 13	720.700	6057.000	1.6184E-01	(2009,200,2300)
35, 14	720.700	6057.100	1.5469E-01	(2009,178,2300)
35, 15	720.700	6057.200	1.7573E-01	(2009,178,2300)
35, 16	720.700	6057.300	1.9580E-01	(2009,178,2300)
35, 17	720.700	6057.400	2.1476E-01	(2009,178,2300)
35, 18	720.700	6057.500	2.2986E-01	(2009,178,2300)
35, 19	720.700	6057.600	2.3450E-01	(2009,178,2300)
35, 20	720.700	6057.700	2.3092E-01	(2009,238,2300)
35, 21	720.700	6057.800	2.6206E-01	(2009,238,2300)
35, 22	720.700	6057.900	2.9489E-01	(2009,105,2300)
35, 23	720.700	6058.000	4.0733E-01	(2009,105,2300)
35, 24	720.700	6058.100	4.3355E-01	(2009,105,2300)
35, 25	720.700	6058.200	4.9524E-01	(2009,134,2300)
35, 26	720.700	6058.300	6.4853E-01	(2009,193,2300)
35, 27	720.700	6058.400	7.4522E-01	(2009,193,2300)
35, 28	720.700	6058.500	6.3057E-01	(2009,182,2300)
35, 29	720.700	6058.600	5.1190E-01	(2009,115,2300)
35, 30	720.700	6058.700	6.5900E-01	(2009,115,2300)
35, 31	720.700	6058.800	6.0329E-01	(2009,115,2300)
35, 32	720.700	6058.900	3.7999E-01	(2009,268,2300)
35, 33	720.700	6059.000	4.1496E-01	(2009,287,2300)
35, 34	720.700	6059.100	4.2079E-01	(2009,287,2300)
35, 35	720.700	6059.200	3.5473E-01	(2009,336,2300)
35, 36	720.700	6059.300	3.2389E-01	(2009,336,2300)
35, 37	720.700	6059.400	2.9808E-01	(2009,166,2300)
35, 38	720.700	6059.500	3.0272E-01	(2009,166,2300)
35, 39	720.700	6059.600	3.0807E-01	(2009,064,2300)
35, 40	720.700	6059.700	3.0713E-01	(2009,064,2300)
35, 41	720.700	6059.800	2.9801E-01	(2009,064,2300)
35, 42	720.700	6059.900	2.8245E-01	(2009,064,2300)
35, 43	720.700	6060.000	2.6223E-01	(2009,064,2300)
35, 44	720.700	6060.100	2.3959E-01	(2009,064,2300)
35, 45	720.700	6060.200	2.3353E-01	(2009,057,2300)
35, 46	720.700	6060.300	2.5138E-01	(2009,057,2300)
35, 47	720.700	6060.400	2.6372E-01	(2009,057,2300)
35, 48	720.700	6060.500	2.7062E-01	(2009,057,2300)
35, 49	720.700	6060.600	2.7185E-01	(2009,057,2300)
35, 50	720.700	6060.700	2.6827E-01	(2009,057,2300)
35, 51	720.700	6060.800	2.6910E-01	(2009,013,2300)
36, 1	720.800	6055.800	8.9947E-02	(2009,172,2300)
36, 2	720.800	6055.900	9.2140E-02	(2009,172,2300)
36, 3	720.800	6056.000	9.4826E-02	(2009,200,2300)
36, 4	720.800	6056.100	1.0561E-01	(2009,200,2300)
36, 5	720.800	6056.200	1.1650E-01	(2009,200,2300)
36, 6	720.800	6056.300	1.2695E-01	(2009,200,2300)
36, 7	720.800	6056.400	1.3604E-01	(2009,200,2300)
36, 8	720.800	6056.500	1.4301E-01	(2009,200,2300)
36, 9	720.800	6056.600	1.4669E-01	(2009,200,2300)
36, 10	720.800	6056.700	1.4607E-01	(2009,200,2300)
36, 11	720.800	6056.800	1.4057E-01	(2009,200,2300)
36, 12	720.800	6056.900	1.3359E-01	(2009,154,2300)
36, 13	720.800	6057.000	1.4154E-01	(2009,154,2300)
36, 14	720.800	6057.100	1.5479E-01	(2009,178,2300)
36, 15	720.800	6057.200	1.6883E-01	(2009,178,2300)
36, 16	720.800	6057.300	1.8221E-01	(2009,178,2300)
36, 17	720.800	6057.400	1.9343E-01	(2009,178,2300)
36, 18	720.800	6057.500	1.9927E-01	(2009,178,2300)
36, 19	720.800	6057.600	1.9318E-01	(2009,178,2300)
36, 20	720.800	6057.700	2.2549E-01	(2009,238,2300)
36, 21	720.800	6057.800	2.2795E-01	(2009,238,2300)

36, 22	720.800	6057.900	2.9824E-01	(2009,105,2300)
36, 23	720.800	6058.000	3.7367E-01	(2009,105,2300)
36, 24	720.800	6058.100	3.7170E-01	(2009,105,2300)
36, 25	720.800	6058.200	4.4817E-01	(2009,134,2300)
36, 26	720.800	6058.300	5.9746E-01	(2009,134,2300)
36, 27	720.800	6058.400	7.0548E-01	(2009,193,2300)
36, 28	720.800	6058.500	6.1165E-01	(2009,182,2300)
36, 29	720.800	6058.600	4.2982E-01	(2009,182,2300)
36, 30	720.800	6058.700	5.6969E-01	(2009,115,2300)
36, 31	720.800	6058.800	6.1589E-01	(2009,115,2300)
36, 32	720.800	6058.900	4.3963E-01	(2009,115,2300)
36, 33	720.800	6059.000	3.0762E-01	(2009,287,2300)
36, 34	720.800	6059.100	3.6606E-01	(2009,287,2300)
36, 35	720.800	6059.200	3.6209E-01	(2009,287,2300)
36, 36	720.800	6059.300	3.1227E-01	(2009,336,2300)
36, 37	720.800	6059.400	2.8395E-01	(2009,336,2300)
36, 38	720.800	6059.500	2.5313E-01	(2009,166,2300)
36, 39	720.800	6059.600	2.6403E-01	(2009,064,2300)
36, 40	720.800	6059.700	2.7163E-01	(2009,064,2300)
36, 41	720.800	6059.800	2.7165E-01	(2009,064,2300)
36, 42	720.800	6059.900	2.6510E-01	(2009,064,2300)
36, 43	720.800	6060.000	2.5299E-01	(2009,064,2300)
36, 44	720.800	6060.100	2.3720E-01	(2009,064,2300)
36, 45	720.800	6060.200	2.1906E-01	(2009,064,2300)
36, 46	720.800	6060.300	2.0000E-01	(2009,064,2300)
36, 47	720.800	6060.400	1.9317E-01	(2009,057,2300)
36, 48	720.800	6060.500	2.0888E-01	(2009,057,2300)
36, 49	720.800	6060.600	2.2123E-01	(2009,057,2300)
36, 50	720.800	6060.700	2.2980E-01	(2009,057,2300)
36, 51	720.800	6060.800	2.3452E-01	(2009,057,2300)
37, 1	720.900	6055.800	8.5722E-02	(2009,200,2300)
37, 2	720.900	6055.900	9.4589E-02	(2009,200,2300)
37, 3	720.900	6056.000	1.0348E-01	(2009,200,2300)
37, 4	720.900	6056.100	1.1191E-01	(2009,200,2300)
37, 5	720.900	6056.200	1.1932E-01	(2009,200,2300)
37, 6	720.900	6056.300	1.2502E-01	(2009,200,2300)
37, 7	720.900	6056.400	1.2813E-01	(2009,200,2300)
37, 8	720.900	6056.500	1.2792E-01	(2009,200,2300)
37, 9	720.900	6056.600	1.2391E-01	(2009,200,2300)
37, 10	720.900	6056.700	1.1891E-01	(2009,154,2300)
37, 11	720.900	6056.800	1.2513E-01	(2009,154,2300)
37, 12	720.900	6056.900	1.3028E-01	(2009,154,2300)
37, 13	720.900	6057.000	1.3699E-01	(2009,178,2300)
37, 14	720.900	6057.100	1.4665E-01	(2009,178,2300)
37, 15	720.900	6057.200	1.5618E-01	(2009,178,2300)
37, 16	720.900	6057.300	1.6552E-01	(2009,178,2300)
37, 17	720.900	6057.400	1.7156E-01	(2009,178,2300)
37, 18	720.900	6057.500	1.6948E-01	(2009,178,2300)
37, 19	720.900	6057.600	1.8884E-01	(2009,238,2300)
37, 20	720.900	6057.700	2.0337E-01	(2009,238,2300)
37, 21	720.900	6057.800	2.0420E-01	(2009,105,2300)
37, 22	720.900	6057.900	2.9367E-01	(2009,105,2300)
37, 23	720.900	6058.000	3.4172E-01	(2009,105,2300)
37, 24	720.900	6058.100	3.2285E-01	(2009,105,2300)
37, 25	720.900	6058.200	4.1275E-01	(2009,134,2300)
37, 26	720.900	6058.300	5.5407E-01	(2009,134,2300)
37, 27	720.900	6058.400	6.6845E-01	(2009,193,2300)
37, 28	720.900	6058.500	5.9113E-01	(2009,182,2300)
37, 29	720.900	6058.600	4.3433E-01	(2009,182,2300)
37, 30	720.900	6058.700	4.8186E-01	(2009,115,2300)

37, 31	720.900	6058.800	5.7964E-01	(2009,115,2300)
37, 32	720.900	6058.900	5.0391E-01	(2009,115,2300)
37, 33	720.900	6059.000	3.0916E-01	(2009,073,2300)
37, 34	720.900	6059.100	2.8303E-01	(2009,287,2300)
37, 35	720.900	6059.200	3.2560E-01	(2009,287,2300)
37, 36	720.900	6059.300	3.1590E-01	(2009,287,2300)
37, 37	720.900	6059.400	2.7911E-01	(2009,336,2300)
37, 38	720.900	6059.500	2.5175E-01	(2009,336,2300)
37, 39	720.900	6059.600	2.2030E-01	(2009,064,2300)
37, 40	720.900	6059.700	2.3378E-01	(2009,064,2300)
37, 41	720.900	6059.800	2.4091E-01	(2009,064,2300)
37, 42	720.900	6059.900	2.4170E-01	(2009,064,2300)
37, 43	720.900	6060.000	2.3697E-01	(2009,064,2300)
37, 44	720.900	6060.100	2.2779E-01	(2009,064,2300)
37, 45	720.900	6060.200	2.1530E-01	(2009,064,2300)
37, 46	720.900	6060.300	2.0084E-01	(2009,064,2300)
37, 47	720.900	6060.400	1.8528E-01	(2009,064,2300)
37, 48	720.900	6060.500	1.6950E-01	(2009,064,2300)
37, 49	720.900	6060.600	1.6227E-01	(2009,057,2300)
37, 50	720.900	6060.700	1.7560E-01	(2009,057,2300)
37, 51	720.900	6060.800	1.8674E-01	(2009,057,2300)
38, 1	721.000	6055.800	9.2380E-02	(2009,200,2300)
38, 2	721.000	6055.900	9.9274E-02	(2009,200,2300)
38, 3	721.000	6056.000	1.0534E-01	(2009,200,2300)
38, 4	721.000	6056.100	1.1002E-01	(2009,200,2300)
38, 5	721.000	6056.200	1.1271E-01	(2009,200,2300)
38, 6	721.000	6056.300	1.1288E-01	(2009,200,2300)
38, 7	721.000	6056.400	1.1003E-01	(2009,200,2300)
38, 8	721.000	6056.500	1.0663E-01	(2009,154,2300)
38, 9	721.000	6056.600	1.1157E-01	(2009,154,2300)
38, 10	721.000	6056.700	1.1580E-01	(2009,154,2300)
38, 11	721.000	6056.800	1.1895E-01	(2009,154,2300)
38, 12	721.000	6056.900	1.2149E-01	(2009,178,2300)
38, 13	721.000	6057.000	1.2828E-01	(2009,178,2300)
38, 14	721.000	6057.100	1.3543E-01	(2009,178,2300)
38, 15	721.000	6057.200	1.4285E-01	(2009,178,2300)
38, 16	721.000	6057.300	1.4894E-01	(2009,178,2300)
38, 17	721.000	6057.400	1.4972E-01	(2009,178,2300)
38, 18	721.000	6057.500	1.6075E-01	(2009,238,2300)
38, 19	721.000	6057.600	1.7917E-01	(2009,238,2300)
38, 20	721.000	6057.700	1.7668E-01	(2009,201,2300)
38, 21	721.000	6057.800	2.1292E-01	(2009,105,2300)
38, 22	721.000	6057.900	2.8196E-01	(2009,105,2300)
38, 23	721.000	6058.000	3.0901E-01	(2009,105,2300)
38, 24	721.000	6058.100	2.8133E-01	(2009,105,2300)
38, 25	721.000	6058.200	3.9005E-01	(2009,134,2300)
38, 26	721.000	6058.300	5.2191E-01	(2009,134,2300)
38, 27	721.000	6058.400	6.3451E-01	(2009,193,2300)
38, 28	721.000	6058.500	5.7209E-01	(2009,193,2300)
38, 29	721.000	6058.600	4.3356E-01	(2009,182,2300)
38, 30	721.000	6058.700	3.9818E-01	(2009,115,2300)
38, 31	721.000	6058.800	5.1879E-01	(2009,115,2300)
38, 32	721.000	6058.900	5.2413E-01	(2009,115,2300)
38, 33	721.000	6059.000	3.7408E-01	(2009,115,2300)
38, 34	721.000	6059.100	2.5311E-01	(2009,073,2300)
38, 35	721.000	6059.200	2.5992E-01	(2009,287,2300)
38, 36	721.000	6059.300	2.9085E-01	(2009,287,2300)
38, 37	721.000	6059.400	2.7989E-01	(2009,287,2300)
38, 38	721.000	6059.500	2.5176E-01	(2009,336,2300)
38, 39	721.000	6059.600	2.2566E-01	(2009,336,2300)

38, 40	721.000	6059.700	1.9697E-01	(2009,064,2300)
38, 41	721.000	6059.800	2.0879E-01	(2009,064,2300)
38, 42	721.000	6059.900	2.1521E-01	(2009,064,2300)
38, 43	721.000	6060.000	2.1646E-01	(2009,064,2300)
38, 44	721.000	6060.100	2.1312E-01	(2009,064,2300)
38, 45	721.000	6060.200	2.0606E-01	(2009,064,2300)
38, 46	721.000	6060.300	1.9624E-01	(2009,064,2300)
38, 47	721.000	6060.400	1.8456E-01	(2009,064,2300)
38, 48	721.000	6060.500	1.7228E-01	(2009,166,2300)
38, 49	721.000	6060.600	1.5889E-01	(2009,166,2300)
38, 50	721.000	6060.700	1.4586E-01	(2009,064,2300)
38, 51	721.000	6060.800	1.3833E-01	(2009,057,2300)
39, 1	721.100	6055.800	9.3642E-02	(2009,200,2300)
39, 2	721.100	6055.900	9.7522E-02	(2009,200,2300)
39, 3	721.100	6056.000	9.9853E-02	(2009,200,2300)
39, 4	721.100	6056.100	1.0023E-01	(2009,200,2300)
39, 5	721.100	6056.200	9.8231E-02	(2009,200,2300)
39, 6	721.100	6056.300	9.6111E-02	(2009,154,2300)
39, 7	721.100	6056.400	1.0006E-01	(2009,154,2300)
39, 8	721.100	6056.500	1.0356E-01	(2009,154,2300)
39, 9	721.100	6056.600	1.0623E-01	(2009,154,2300)
39, 10	721.100	6056.700	1.0781E-01	(2009,154,2300)
39, 11	721.100	6056.800	1.0800E-01	(2009,154,2300)
39, 12	721.100	6056.900	1.1276E-01	(2009,178,2300)
39, 13	721.100	6057.000	1.1819E-01	(2009,178,2300)
39, 14	721.100	6057.100	1.2466E-01	(2009,178,2300)
39, 15	721.100	6057.200	1.3065E-01	(2009,178,2300)
39, 16	721.100	6057.300	1.3300E-01	(2009,178,2300)
39, 17	721.100	6057.400	1.3690E-01	(2009,238,2300)
39, 18	721.100	6057.500	1.5923E-01	(2009,238,2300)
39, 19	721.100	6057.600	1.6302E-01	(2009,238,2300)
39, 20	721.100	6057.700	1.5579E-01	(2009,122,2300)
39, 21	721.100	6057.800	2.1614E-01	(2009,105,2300)
39, 22	721.100	6057.900	2.6788E-01	(2009,105,2300)
39, 23	721.100	6058.000	2.8047E-01	(2009,105,2300)
39, 24	721.100	6058.100	2.4927E-01	(2009,105,2300)
39, 25	721.100	6058.200	3.7774E-01	(2009,134,2300)
39, 26	721.100	6058.300	4.9883E-01	(2009,134,2300)
39, 27	721.100	6058.400	6.0373E-01	(2009,193,2300)
39, 28	721.100	6058.500	5.5978E-01	(2009,193,2300)
39, 29	721.100	6058.600	4.2937E-01	(2009,182,2300)
39, 30	721.100	6058.700	3.2843E-01	(2009,062,2300)
39, 31	721.100	6058.800	4.5014E-01	(2009,115,2300)
39, 32	721.100	6058.900	5.0810E-01	(2009,115,2300)
39, 33	721.100	6059.000	4.2603E-01	(2009,115,2300)
39, 34	721.100	6059.100	2.7607E-01	(2009,073,2300)
39, 35	721.100	6059.200	2.1449E-01	(2009,265,2300)
39, 36	721.100	6059.300	2.3923E-01	(2009,287,2300)
39, 37	721.100	6059.400	2.6140E-01	(2009,287,2300)
39, 38	721.100	6059.500	2.4926E-01	(2009,287,2300)
39, 39	721.100	6059.600	2.2850E-01	(2009,336,2300)
39, 40	721.100	6059.700	2.0338E-01	(2009,336,2300)
39, 41	721.100	6059.800	1.7756E-01	(2009,064,2300)
39, 42	721.100	6059.900	1.8777E-01	(2009,064,2300)
39, 43	721.100	6060.000	1.9358E-01	(2009,064,2300)
39, 44	721.100	6060.100	1.9504E-01	(2009,064,2300)
39, 45	721.100	6060.200	1.9275E-01	(2009,064,2300)
39, 46	721.100	6060.300	1.8736E-01	(2009,064,2300)
39, 47	721.100	6060.400	1.7958E-01	(2009,064,2300)
39, 48	721.100	6060.500	1.7176E-01	(2009,166,2300)



39, 49	721.100	6060.600	1.6254E-01	(2009,166,2300)
39, 50	721.100	6060.700	1.5175E-01	(2009,166,2300)
39, 51	721.100	6060.800	1.3982E-01	(2009,166,2300)
40, 1	721.200	6055.800	8.9050E-02	(2009,200,2300)
40, 2	721.200	6055.900	8.9530E-02	(2009,200,2300)
40, 3	721.200	6056.000	8.8119E-02	(2009,200,2300)
40, 4	721.200	6056.100	8.7054E-02	(2009,154,2300)
40, 5	721.200	6056.200	9.0242E-02	(2009,154,2300)
40, 6	721.200	6056.300	9.3082E-02	(2009,154,2300)
40, 7	721.200	6056.400	9.5302E-02	(2009,154,2300)
40, 8	721.200	6056.500	9.6722E-02	(2009,154,2300)
40, 9	721.200	6056.600	9.7250E-02	(2009,154,2300)
40, 10	721.200	6056.700	9.6517E-02	(2009,154,2300)
40, 11	721.200	6056.800	9.9611E-02	(2009,178,2300)
40, 12	721.200	6056.900	1.0396E-01	(2009,178,2300)
40, 13	721.200	6057.000	1.0952E-01	(2009,178,2300)
40, 14	721.200	6057.100	1.1534E-01	(2009,178,2300)
40, 15	721.200	6057.200	1.1887E-01	(2009,178,2300)
40, 16	721.200	6057.300	1.1657E-01	(2009,178,2300)
40, 17	721.200	6057.400	1.3810E-01	(2009,238,2300)
40, 18	721.200	6057.500	1.4824E-01	(2009,238,2300)
40, 19	721.200	6057.600	1.4341E-01	(2009,201,2300)
40, 20	721.200	6057.700	1.5780E-01	(2009,105,2300)
40, 21	721.200	6057.800	2.1436E-01	(2009,105,2300)
40, 22	721.200	6057.900	2.5123E-01	(2009,105,2300)
40, 23	721.200	6058.000	2.5401E-01	(2009,105,2300)
40, 24	721.200	6058.100	2.4519E-01	(2009,134,2300)
40, 25	721.200	6058.200	3.7091E-01	(2009,134,2300)
40, 26	721.200	6058.300	4.8094E-01	(2009,134,2300)
40, 27	721.200	6058.400	5.7504E-01	(2009,193,2300)
40, 28	721.200	6058.500	5.4615E-01	(2009,193,2300)
40, 29	721.200	6058.600	4.2188E-01	(2009,182,2300)
40, 30	721.200	6058.700	2.9583E-01	(2009,182,2300)
40, 31	721.200	6058.800	3.7952E-01	(2009,115,2300)
40, 32	721.200	6058.900	4.6817E-01	(2009,115,2300)
40, 33	721.200	6059.000	4.4914E-01	(2009,115,2300)
40, 34	721.200	6059.100	3.2247E-01	(2009,115,2300)
40, 35	721.200	6059.200	2.3558E-01	(2009,073,2300)
40, 36	721.200	6059.300	1.8969E-01	(2009,265,2300)
40, 37	721.200	6059.400	2.2009E-01	(2009,287,2300)
40, 38	721.200	6059.500	2.3637E-01	(2009,287,2300)
40, 39	721.200	6059.600	2.2462E-01	(2009,287,2300)
40, 40	721.200	6059.700	2.0896E-01	(2009,336,2300)
40, 41	721.200	6059.800	1.8439E-01	(2009,336,2300)
40, 42	721.200	6059.900	1.6127E-01	(2009,064,2300)
40, 43	721.200	6060.000	1.7007E-01	(2009,064,2300)
40, 44	721.200	6060.100	1.7524E-01	(2009,064,2300)
40, 45	721.200	6060.200	1.7683E-01	(2009,064,2300)
40, 46	721.200	6060.300	1.7530E-01	(2009,064,2300)
40, 47	721.200	6060.400	1.7112E-01	(2009,064,2300)
40, 48	721.200	6060.500	1.6494E-01	(2009,064,2300)
40, 49	721.200	6060.600	1.5933E-01	(2009,166,2300)
40, 50	721.200	6060.700	1.5244E-01	(2009,166,2300)
40, 51	721.200	6060.800	1.4396E-01	(2009,166,2300)
41, 1	721.300	6055.800	7.9407E-02	(2009,200,2300)
41, 2	721.300	6055.900	7.9091E-02	(2009,154,2300)
41, 3	721.300	6056.000	8.1768E-02	(2009,154,2300)
41, 4	721.300	6056.100	8.4095E-02	(2009,154,2300)
41, 5	721.300	6056.200	8.5937E-02	(2009,154,2300)
41, 6	721.300	6056.300	8.7183E-02	(2009,154,2300)

41, 7	721.300	6056.400	8.7741E-02	(2009,154,2300)
41, 8	721.300	6056.500	8.7375E-02	(2009,154,2300)
41, 9	721.300	6056.600	8.6048E-02	(2009,154,2300)
41, 10	721.300	6056.700	8.8343E-02	(2009,178,2300)
41, 11	721.300	6056.800	9.1922E-02	(2009,178,2300)
41, 12	721.300	6056.900	9.6966E-02	(2009,178,2300)
41, 13	721.300	6057.000	1.0264E-01	(2009,178,2300)
41, 14	721.300	6057.100	1.0679E-01	(2009,178,2300)
41, 15	721.300	6057.200	1.0653E-01	(2009,178,2300)
41, 16	721.300	6057.300	1.2118E-01	(2009,238,2300)
41, 17	721.300	6057.400	1.3358E-01	(2009,238,2300)
41, 18	721.300	6057.500	1.3269E-01	(2009,238,2300)
41, 19	721.300	6057.600	1.2735E-01	(2009,201,2300)
41, 20	721.300	6057.700	1.6402E-01	(2009,105,2300)
41, 21	721.300	6057.800	2.0955E-01	(2009,105,2300)
41, 22	721.300	6057.900	2.3398E-01	(2009,105,2300)
41, 23	721.300	6058.000	2.2932E-01	(2009,105,2300)
41, 24	721.300	6058.100	2.4320E-01	(2009,134,2300)
41, 25	721.300	6058.200	3.6341E-01	(2009,134,2300)
41, 26	721.300	6058.300	4.6291E-01	(2009,134,2300)
41, 27	721.300	6058.400	5.4739E-01	(2009,193,2300)
41, 28	721.300	6058.500	5.3126E-01	(2009,193,2300)
41, 29	721.300	6058.600	4.1172E-01	(2009,182,2300)
41, 30	721.300	6058.700	3.0023E-01	(2009,182,2300)
41, 31	721.300	6058.800	3.1266E-01	(2009,115,2300)
41, 32	721.300	6058.900	4.1717E-01	(2009,115,2300)
41, 33	721.300	6059.000	4.4637E-01	(2009,115,2300)
41, 34	721.300	6059.100	3.6641E-01	(2009,115,2300)
41, 35	721.300	6059.200	2.4673E-01	(2009,073,2300)
41, 36	721.300	6059.300	1.9648E-01	(2009,073,2300)
41, 37	721.300	6059.400	1.7310E-01	(2009,287,2300)
41, 38	721.300	6059.500	2.0266E-01	(2009,287,2300)
41, 39	721.300	6059.600	2.1417E-01	(2009,287,2300)
41, 40	721.300	6059.700	2.0295E-01	(2009,287,2300)
41, 41	721.300	6059.800	1.9179E-01	(2009,336,2300)
41, 42	721.300	6059.900	1.6831E-01	(2009,336,2300)
41, 43	721.300	6060.000	1.4755E-01	(2009,064,2300)
41, 44	721.300	6060.100	1.5519E-01	(2009,064,2300)
41, 45	721.300	6060.200	1.5974E-01	(2009,064,2300)
41, 46	721.300	6060.300	1.6130E-01	(2009,064,2300)
41, 47	721.300	6060.400	1.6029E-01	(2009,064,2300)
41, 48	721.300	6060.500	1.5705E-01	(2009,064,2300)
41, 49	721.300	6060.600	1.5208E-01	(2009,064,2300)
41, 50	721.300	6060.700	1.4700E-01	(2009,166,2300)
41, 51	721.300	6060.800	1.4211E-01	(2009,166,2300)
42, 1	721.400	6055.800	7.4209E-02	(2009,154,2300)
42, 2	721.400	6055.900	7.6243E-02	(2009,154,2300)
42, 3	721.400	6056.000	7.7823E-02	(2009,154,2300)
42, 4	721.400	6056.100	7.8944E-02	(2009,154,2300)
42, 5	721.400	6056.200	7.9469E-02	(2009,154,2300)
42, 6	721.400	6056.300	7.9289E-02	(2009,154,2300)
42, 7	721.400	6056.400	7.8394E-02	(2009,154,2300)
42, 8	721.400	6056.500	7.6755E-02	(2009,178,2300)
42, 9	721.400	6056.600	7.8680E-02	(2009,178,2300)
42, 10	721.400	6056.700	8.1750E-02	(2009,178,2300)
42, 11	721.400	6056.800	8.6310E-02	(2009,178,2300)
42, 12	721.400	6056.900	9.1778E-02	(2009,178,2300)
42, 13	721.400	6057.000	9.6443E-02	(2009,178,2300)
42, 14	721.400	6057.100	9.7707E-02	(2009,178,2300)
42, 15	721.400	6057.200	1.0599E-01	(2009,238,2300)

42, 16	721.400	6057.300	1.2082E-01	(2009,238,2300)
42, 17	721.400	6057.400	1.2471E-01	(2009,238,2300)
42, 18	721.400	6057.500	1.2009E-01	(2009,201,2300)
42, 19	721.400	6057.600	1.2458E-01	(2009,122,2300)
42, 20	721.400	6057.700	1.6788E-01	(2009,105,2300)
42, 21	721.400	6057.800	2.0399E-01	(2009,105,2300)
42, 22	721.400	6057.900	2.1857E-01	(2009,105,2300)
42, 23	721.400	6058.000	2.0832E-01	(2009,105,2300)
42, 24	721.400	6058.100	2.4209E-01	(2009,134,2300)
42, 25	721.400	6058.200	3.5566E-01	(2009,134,2300)
42, 26	721.400	6058.300	4.4539E-01	(2009,134,2300)
42, 27	721.400	6058.400	5.2058E-01	(2009,193,2300)
42, 28	721.400	6058.500	5.1538E-01	(2009,193,2300)
42, 29	721.400	6058.600	3.9984E-01	(2009,182,2300)
42, 30	721.400	6058.700	3.0095E-01	(2009,182,2300)
42, 31	721.400	6058.800	2.8127E-01	(2009,062,2300)
42, 32	721.400	6058.900	3.6066E-01	(2009,115,2300)
42, 33	721.400	6059.000	4.2247E-01	(2009,115,2300)
42, 34	721.400	6059.100	3.9024E-01	(2009,115,2300)
42, 35	721.400	6059.200	2.8255E-01	(2009,115,2300)
42, 36	721.400	6059.300	2.1736E-01	(2009,073,2300)
42, 37	721.400	6059.400	1.7193E-01	(2009,265,2300)
42, 38	721.400	6059.500	1.6267E-01	(2009,287,2300)
42, 39	721.400	6059.600	1.8675E-01	(2009,287,2300)
42, 40	721.400	6059.700	1.9546E-01	(2009,287,2300)
42, 41	721.400	6059.800	1.8489E-01	(2009,287,2300)
42, 42	721.400	6059.900	1.7684E-01	(2009,336,2300)
42, 43	721.400	6060.000	1.5393E-01	(2009,336,2300)
42, 44	721.400	6060.100	1.3583E-01	(2009,064,2300)
42, 45	721.400	6060.200	1.4243E-01	(2009,064,2300)
42, 46	721.400	6060.300	1.4645E-01	(2009,064,2300)
42, 47	721.400	6060.400	1.4798E-01	(2009,064,2300)
42, 48	721.400	6060.500	1.4728E-01	(2009,064,2300)
42, 49	721.400	6060.600	1.4471E-01	(2009,064,2300)
42, 50	721.400	6060.700	1.4066E-01	(2009,064,2300)
42, 51	721.400	6060.800	1.3547E-01	(2009,064,2300)
43, 1	721.500	6055.800	7.0622E-02	(2009,154,2300)
43, 2	721.500	6055.900	7.1678E-02	(2009,154,2300)
43, 3	721.500	6056.000	7.2227E-02	(2009,154,2300)
43, 4	721.500	6056.100	7.2192E-02	(2009,154,2300)
43, 5	721.500	6056.200	7.1586E-02	(2009,154,2300)
43, 6	721.500	6056.300	7.0305E-02	(2009,154,2300)
43, 7	721.500	6056.400	6.8849E-02	(2009,178,2300)
43, 8	721.500	6056.500	7.0354E-02	(2009,178,2300)
43, 9	721.500	6056.600	7.3054E-02	(2009,178,2300)
43, 10	721.500	6056.700	7.7245E-02	(2009,178,2300)
43, 11	721.500	6056.800	8.2549E-02	(2009,178,2300)
43, 12	721.500	6056.900	8.7438E-02	(2009,178,2300)
43, 13	721.500	6057.000	8.9756E-02	(2009,178,2300)
43, 14	721.500	6057.100	9.2199E-02	(2009,238,2300)
43, 15	721.500	6057.200	1.0741E-01	(2009,238,2300)
43, 16	721.500	6057.300	1.1488E-01	(2009,238,2300)
43, 17	721.500	6057.400	1.1199E-01	(2009,238,2300)
43, 18	721.500	6057.500	1.0853E-01	(2009,122,2300)
43, 19	721.500	6057.600	1.2980E-01	(2009,105,2300)
43, 20	721.500	6057.700	1.6930E-01	(2009,105,2300)
43, 21	721.500	6057.800	1.9656E-01	(2009,105,2300)
43, 22	721.500	6057.900	2.0314E-01	(2009,105,2300)
43, 23	721.500	6058.000	1.8891E-01	(2009,105,2300)
43, 24	721.500	6058.100	2.4042E-01	(2009,134,2300)

43, 25	721.500	6058.200	3.4707E-01	(2009,134,2300)
43, 26	721.500	6058.300	4.2796E-01	(2009,134,2300)
43, 27	721.500	6058.400	4.9502E-01	(2009,193,2300)
43, 28	721.500	6058.500	4.9885E-01	(2009,193,2300)
43, 29	721.500	6058.600	3.8651E-01	(2009,182,2300)
43, 30	721.500	6058.700	2.9931E-01	(2009,182,2300)
43, 31	721.500	6058.800	2.5403E-01	(2009,062,2300)
43, 32	721.500	6058.900	3.0396E-01	(2009,115,2300)
43, 33	721.500	6059.000	3.8577E-01	(2009,115,2300)
43, 34	721.500	6059.100	3.9457E-01	(2009,115,2300)
43, 35	721.500	6059.200	3.1916E-01	(2009,115,2300)
43, 36	721.500	6059.300	2.2067E-01	(2009,073,2300)
43, 37	721.500	6059.400	1.8686E-01	(2009,073,2300)
43, 38	721.500	6059.500	1.5518E-01	(2009,265,2300)
43, 39	721.500	6059.600	1.5264E-01	(2009,287,2300)
43, 40	721.500	6059.700	1.7249E-01	(2009,287,2300)
43, 41	721.500	6059.800	1.7865E-01	(2009,287,2300)
43, 42	721.500	6059.900	1.6955E-01	(2009,336,2300)
43, 43	721.500	6060.000	1.6374E-01	(2009,336,2300)
43, 44	721.500	6060.100	1.4157E-01	(2009,336,2300)
43, 45	721.500	6060.200	1.2583E-01	(2009,064,2300)
43, 46	721.500	6060.300	1.3153E-01	(2009,064,2300)
43, 47	721.500	6060.400	1.3500E-01	(2009,064,2300)
43, 48	721.500	6060.500	1.3639E-01	(2009,064,2300)
43, 49	721.500	6060.600	1.3593E-01	(2009,064,2300)
43, 50	721.500	6060.700	1.3386E-01	(2009,064,2300)
43, 51	721.500	6060.800	1.3048E-01	(2009,064,2300)
44, 1	721.600	6055.800	6.5723E-02	(2009,154,2300)
44, 2	721.600	6055.900	6.5863E-02	(2009,154,2300)
44, 3	721.600	6056.000	6.5499E-02	(2009,154,2300)
44, 4	721.600	6056.100	6.4560E-02	(2009,154,2300)
44, 5	721.600	6056.200	6.3040E-02	(2009,154,2300)
44, 6	721.600	6056.300	6.1962E-02	(2009,178,2300)
44, 7	721.600	6056.400	6.3196E-02	(2009,178,2300)
44, 8	721.600	6056.500	6.5599E-02	(2009,178,2300)
44, 9	721.600	6056.600	6.9477E-02	(2009,178,2300)
44, 10	721.600	6056.700	7.4470E-02	(2009,178,2300)
44, 11	721.600	6056.800	7.9488E-02	(2009,178,2300)
44, 12	721.600	6056.900	8.2606E-02	(2009,178,2300)
44, 13	721.600	6057.000	8.1804E-02	(2009,178,2300)
44, 14	721.600	6057.100	9.6058E-02	(2009,238,2300)
44, 15	721.600	6057.200	1.0511E-01	(2009,238,2300)
44, 16	721.600	6057.300	1.0575E-01	(2009,238,2300)
44, 17	721.600	6057.400	1.0315E-01	(2009,201,2300)
44, 18	721.600	6057.500	1.0678E-01	(2009,122,2300)
44, 19	721.600	6057.600	1.3549E-01	(2009,105,2300)
44, 20	721.600	6057.700	1.6865E-01	(2009,105,2300)
44, 21	721.600	6057.800	1.8806E-01	(2009,105,2300)
44, 22	721.600	6057.900	1.8860E-01	(2009,105,2300)
44, 23	721.600	6058.000	1.7474E-01	(2009,242,2300)
44, 24	721.600	6058.100	2.3828E-01	(2009,134,2300)
44, 25	721.600	6058.200	3.3781E-01	(2009,134,2300)
44, 26	721.600	6058.300	4.1094E-01	(2009,134,2300)
44, 27	721.600	6058.400	4.7090E-01	(2009,193,2300)
44, 28	721.600	6058.500	4.8233E-01	(2009,193,2300)
44, 29	721.600	6058.600	3.8241E-01	(2009,193,2300)
44, 30	721.600	6058.700	2.9560E-01	(2009,182,2300)
44, 31	721.600	6058.800	2.2669E-01	(2009,062,2300)
44, 32	721.600	6058.900	2.6364E-01	(2009,062,2300)
44, 33	721.600	6059.000	3.4112E-01	(2009,115,2300)

44, 34	721.600	6059.100	3.8090E-01	(2009,115,2300)
44, 35	721.600	6059.200	3.4149E-01	(2009,115,2300)
44, 36	721.600	6059.300	2.4941E-01	(2009,115,2300)
44, 37	721.600	6059.400	1.9922E-01	(2009,073,2300)
44, 38	721.600	6059.500	1.5846E-01	(2009,073,2300)
44, 39	721.600	6059.600	1.3820E-01	(2009,265,2300)
44, 40	721.600	6059.700	1.4330E-01	(2009,287,2300)
44, 41	721.600	6059.800	1.5985E-01	(2009,287,2300)
44, 42	721.600	6059.900	1.6457E-01	(2009,287,2300)
44, 43	721.600	6060.000	1.5911E-01	(2009,336,2300)
44, 44	721.600	6060.100	1.5186E-01	(2009,336,2300)
44, 45	721.600	6060.200	1.3046E-01	(2009,336,2300)
44, 46	721.600	6060.300	1.1712E-01	(2009,064,2300)
44, 47	721.600	6060.400	1.2206E-01	(2009,064,2300)
44, 48	721.600	6060.500	1.2509E-01	(2009,064,2300)
44, 49	721.600	6060.600	1.2632E-01	(2009,064,2300)
44, 50	721.600	6060.700	1.2592E-01	(2009,064,2300)
44, 51	721.600	6060.800	1.2417E-01	(2009,064,2300)
45, 1	721.700	6055.800	5.9937E-02	(2009,154,2300)
45, 2	721.700	6055.900	5.9327E-02	(2009,154,2300)
45, 3	721.700	6056.000	5.8205E-02	(2009,154,2300)
45, 4	721.700	6056.100	5.6623E-02	(2009,154,2300)
45, 5	721.700	6056.200	5.5923E-02	(2009,178,2300)
45, 6	721.700	6056.300	5.6934E-02	(2009,178,2300)
45, 7	721.700	6056.400	5.9125E-02	(2009,178,2300)
45, 8	721.700	6056.500	6.3872E-02	(2009,199,2300)
45, 9	721.700	6056.600	6.7989E-02	(2009,199,2300)
45, 10	721.700	6056.700	7.2446E-02	(2009,178,2300)
45, 11	721.700	6056.800	7.6016E-02	(2009,178,2300)
45, 12	721.700	6056.900	7.6480E-02	(2009,178,2300)
45, 13	721.700	6057.000	8.5539E-02	(2009,238,2300)
45, 14	721.700	6057.100	9.6080E-02	(2009,238,2300)
45, 15	721.700	6057.200	9.9660E-02	(2009,238,2300)
45, 16	721.700	6057.300	9.6534E-02	(2009,201,2300)
45, 17	721.700	6057.400	9.3629E-02	(2009,201,2300)
45, 18	721.700	6057.500	1.0521E-01	(2009,105,2300)
45, 19	721.700	6057.600	1.3887E-01	(2009,105,2300)
45, 20	721.700	6057.700	1.6571E-01	(2009,105,2300)
45, 21	721.700	6057.800	1.7835E-01	(2009,105,2300)
45, 22	721.700	6057.900	1.7411E-01	(2009,105,2300)
45, 23	721.700	6058.000	1.7051E-01	(2009,242,2300)
45, 24	721.700	6058.100	2.3583E-01	(2009,134,2300)
45, 25	721.700	6058.200	3.2838E-01	(2009,134,2300)
45, 26	721.700	6058.300	3.9478E-01	(2009,134,2300)
45, 27	721.700	6058.400	4.4826E-01	(2009,193,2300)
45, 28	721.700	6058.500	4.6583E-01	(2009,193,2300)
45, 29	721.700	6058.600	3.8038E-01	(2009,193,2300)
45, 30	721.700	6058.700	2.9003E-01	(2009,182,2300)
45, 31	721.700	6058.800	2.2400E-01	(2009,182,2300)
45, 32	721.700	6058.900	2.4496E-01	(2009,062,2300)
45, 33	721.700	6059.000	2.9310E-01	(2009,115,2300)
45, 34	721.700	6059.100	3.5442E-01	(2009,115,2300)
45, 35	721.700	6059.200	3.4919E-01	(2009,115,2300)
45, 36	721.700	6059.300	2.8014E-01	(2009,115,2300)
45, 37	721.700	6059.400	1.9742E-01	(2009,073,2300)
45, 38	721.700	6059.500	1.7573E-01	(2009,073,2300)
45, 39	721.700	6059.600	1.4117E-01	(2009,265,2300)
45, 40	721.700	6059.700	1.2243E-01	(2009,265,2300)
45, 41	721.700	6059.800	1.3459E-01	(2009,287,2300)
45, 42	721.700	6059.900	1.4840E-01	(2009,287,2300)

45, 43	721.700	6060.000	1.5172E-01	(2009,287,2300)
45, 44	721.700	6060.100	1.4952E-01	(2009,336,2300)
45, 45	721.700	6060.200	1.4111E-01	(2009,336,2300)
45, 46	721.700	6060.300	1.2056E-01	(2009,336,2300)
45, 47	721.700	6060.400	1.0958E-01	(2009,064,2300)
45, 48	721.700	6060.500	1.1380E-01	(2009,064,2300)
45, 49	721.700	6060.600	1.1636E-01	(2009,064,2300)
45, 50	721.700	6060.700	1.1737E-01	(2009,064,2300)
45, 51	721.700	6060.800	1.1701E-01	(2009,064,2300)
46, 1	721.800	6055.800	5.3678E-02	(2009,154,2300)
46, 2	721.800	6055.900	5.2523E-02	(2009,154,2300)
46, 3	721.800	6056.000	5.0902E-02	(2009,154,2300)
46, 4	721.800	6056.100	5.0650E-02	(2009,178,2300)
46, 5	721.800	6056.200	5.1563E-02	(2009,178,2300)
46, 6	721.800	6056.300	5.3906E-02	(2009,199,2300)
46, 7	721.800	6056.400	5.9342E-02	(2009,199,2300)
46, 8	721.800	6056.500	6.3289E-02	(2009,199,2300)
46, 9	721.800	6056.600	6.6198E-02	(2009,178,2300)
46, 10	721.800	6056.700	7.0048E-02	(2009,178,2300)
46, 11	721.800	6056.800	7.1398E-02	(2009,178,2300)
46, 12	721.800	6056.900	7.5890E-02	(2009,238,2300)
46, 13	721.800	6057.000	8.6792E-02	(2009,238,2300)
46, 14	721.800	6057.100	9.2539E-02	(2009,238,2300)
46, 15	721.800	6057.200	9.1494E-02	(2009,238,2300)
46, 16	721.800	6057.300	8.9708E-02	(2009,201,2300)
46, 17	721.800	6057.400	8.8791E-02	(2009,122,2300)
46, 18	721.800	6057.500	1.1091E-01	(2009,105,2300)
46, 19	721.800	6057.600	1.4034E-01	(2009,105,2300)
46, 20	721.800	6057.700	1.6120E-01	(2009,105,2300)
46, 21	721.800	6057.800	1.6809E-01	(2009,105,2300)
46, 22	721.800	6057.900	1.5995E-01	(2009,105,2300)
46, 23	721.800	6058.000	1.6608E-01	(2009,242,2300)
46, 24	721.800	6058.100	2.3287E-01	(2009,134,2300)
46, 25	721.800	6058.200	3.1862E-01	(2009,134,2300)
46, 26	721.800	6058.300	3.7901E-01	(2009,134,2300)
46, 27	721.800	6058.400	4.2704E-01	(2009,193,2300)
46, 28	721.800	6058.500	4.4963E-01	(2009,193,2300)
46, 29	721.800	6058.600	3.7715E-01	(2009,193,2300)
46, 30	721.800	6058.700	2.8343E-01	(2009,182,2300)
46, 31	721.800	6058.800	2.2443E-01	(2009,182,2300)
46, 32	721.800	6058.900	2.2468E-01	(2009,062,2300)
46, 33	721.800	6059.000	2.4563E-01	(2009,115,2300)
46, 34	721.800	6059.100	3.1971E-01	(2009,115,2300)
46, 35	721.800	6059.200	3.4264E-01	(2009,115,2300)
46, 36	721.800	6059.300	3.0094E-01	(2009,115,2300)
46, 37	721.800	6059.400	2.2207E-01	(2009,115,2300)
46, 38	721.800	6059.500	1.8208E-01	(2009,073,2300)
46, 39	721.800	6059.600	1.5266E-01	(2009,073,2300)
46, 40	721.800	6059.700	1.2940E-01	(2009,265,2300)
46, 41	721.800	6059.800	1.0876E-01	(2009,287,2300)
46, 42	721.800	6059.900	1.2660E-01	(2009,287,2300)
46, 43	721.800	6060.000	1.3829E-01	(2009,287,2300)
46, 44	721.800	6060.100	1.4074E-01	(2009,287,2300)
46, 45	721.800	6060.200	1.4069E-01	(2009,336,2300)
46, 46	721.800	6060.300	1.3139E-01	(2009,336,2300)
46, 47	721.800	6060.400	1.1165E-01	(2009,336,2300)
46, 48	721.800	6060.500	1.0285E-01	(2009,064,2300)
46, 49	721.800	6060.600	1.0642E-01	(2009,064,2300)
46, 50	721.800	6060.700	1.0857E-01	(2009,064,2300)
46, 51	721.800	6060.800	1.0934E-01	(2009,064,2300)

47, 1	721.900	6055.800	4.7391E-02	(2009,154,2300)
47, 2	721.900	6055.900	4.5833E-02	(2009,178,2300)
47, 3	721.900	6056.000	4.5994E-02	(2009,178,2300)
47, 4	721.900	6056.100	4.6821E-02	(2009,178,2300)
47, 5	721.900	6056.200	5.0278E-02	(2009,199,2300)
47, 6	721.900	6056.300	5.5266E-02	(2009,199,2300)
47, 7	721.900	6056.400	5.9014E-02	(2009,199,2300)
47, 8	721.900	6056.500	6.0680E-02	(2009,178,2300)
47, 9	721.900	6056.600	6.4655E-02	(2009,178,2300)
47, 10	721.900	6056.700	6.6621E-02	(2009,178,2300)
47, 11	721.900	6056.800	6.7723E-02	(2009,238,2300)
47, 12	721.900	6056.900	7.8642E-02	(2009,238,2300)
47, 13	721.900	6057.000	8.5455E-02	(2009,238,2300)
47, 14	721.900	6057.100	8.6659E-02	(2009,238,2300)
47, 15	721.900	6057.200	8.4584E-02	(2009,201,2300)
47, 16	721.900	6057.300	8.1634E-02	(2009,201,2300)
47, 17	721.900	6057.400	8.6657E-02	(2009,105,2300)
47, 18	721.900	6057.500	1.1508E-01	(2009,105,2300)
47, 19	721.900	6057.600	1.4003E-01	(2009,105,2300)
47, 20	721.900	6057.700	1.5541E-01	(2009,105,2300)
47, 21	721.900	6057.800	1.5742E-01	(2009,105,2300)
47, 22	721.900	6057.900	1.4629E-01	(2009,105,2300)
47, 23	721.900	6058.000	1.6076E-01	(2009,242,2300)
47, 24	721.900	6058.100	2.2910E-01	(2009,134,2300)
47, 25	721.900	6058.200	3.0847E-01	(2009,134,2300)
47, 26	721.900	6058.300	3.6378E-01	(2009,134,2300)
47, 27	721.900	6058.400	4.0733E-01	(2009,193,2300)
47, 28	721.900	6058.500	4.3386E-01	(2009,193,2300)
47, 29	721.900	6058.600	3.7291E-01	(2009,193,2300)
47, 30	721.900	6058.700	2.7597E-01	(2009,182,2300)
47, 31	721.900	6058.800	2.2321E-01	(2009,182,2300)
47, 32	721.900	6058.900	2.0323E-01	(2009,062,2300)
47, 33	721.900	6059.000	2.2940E-01	(2009,062,2300)
47, 34	721.900	6059.100	2.8034E-01	(2009,115,2300)
47, 35	721.900	6059.200	3.2467E-01	(2009,115,2300)
47, 36	721.900	6059.300	3.1068E-01	(2009,115,2300)
47, 37	721.900	6059.400	2.4833E-01	(2009,115,2300)
47, 38	721.900	6059.500	1.7708E-01	(2009,073,2300)
47, 39	721.900	6059.600	1.6418E-01	(2009,073,2300)
47, 40	721.900	6059.700	1.3115E-01	(2009,073,2300)
47, 41	721.900	6059.800	1.1739E-01	(2009,265,2300)
47, 42	721.900	6059.900	1.0367E-01	(2009,287,2300)
47, 43	721.900	6060.000	1.1927E-01	(2009,287,2300)
47, 44	721.900	6060.100	1.2906E-01	(2009,287,2300)
47, 45	721.900	6060.200	1.3069E-01	(2009,287,2300)
47, 46	721.900	6060.300	1.3247E-01	(2009,336,2300)
47, 47	721.900	6060.400	1.2263E-01	(2009,336,2300)
47, 48	721.900	6060.500	1.0359E-01	(2009,336,2300)
47, 49	721.900	6060.600	9.6795E-02	(2009,064,2300)
47, 50	721.900	6060.700	9.9775E-02	(2009,064,2300)
47, 51	721.900	6060.800	1.0149E-01	(2009,064,2300)
48, 1	722.000	6055.800	4.1814E-02	(2009,178,2300)
48, 2	722.000	6055.900	4.1936E-02	(2009,178,2300)
48, 3	722.000	6056.000	4.2712E-02	(2009,178,2300)
48, 4	722.000	6056.100	4.6966E-02	(2009,199,2300)
48, 5	722.000	6056.200	5.1606E-02	(2009,199,2300)
48, 6	722.000	6056.300	5.5171E-02	(2009,199,2300)
48, 7	722.000	6056.400	5.6879E-02	(2009,199,2300)
48, 8	722.000	6056.500	5.9805E-02	(2009,178,2300)
48, 9	722.000	6056.600	6.2192E-02	(2009,178,2300)

48, 10	722.000	6056.700	6.1865E-02	(2009,178,2300)
48, 11	722.000	6056.800	7.1000E-02	(2009,238,2300)
48, 12	722.000	6056.900	7.8782E-02	(2009,238,2300)
48, 13	722.000	6057.000	8.1860E-02	(2009,238,2300)
48, 14	722.000	6057.100	7.9424E-02	(2009,238,2300)
48, 15	722.000	6057.200	7.8756E-02	(2009,201,2300)
48, 16	722.000	6057.300	7.3626E-02	(2009,122,2300)
48, 17	722.000	6057.400	9.2137E-02	(2009,105,2300)
48, 18	722.000	6057.500	1.1771E-01	(2009,105,2300)
48, 19	722.000	6057.600	1.3825E-01	(2009,105,2300)
48, 20	722.000	6057.700	1.4876E-01	(2009,105,2300)
48, 21	722.000	6057.800	1.4679E-01	(2009,105,2300)
48, 22	722.000	6057.900	1.3325E-01	(2009,105,2300)
48, 23	722.000	6058.000	1.5502E-01	(2009,242,2300)
48, 24	722.000	6058.100	2.2515E-01	(2009,134,2300)
48, 25	722.000	6058.200	2.9765E-01	(2009,134,2300)
48, 26	722.000	6058.300	3.4849E-01	(2009,134,2300)
48, 27	722.000	6058.400	3.8863E-01	(2009,193,2300)
48, 28	722.000	6058.500	4.1829E-01	(2009,193,2300)
48, 29	722.000	6058.600	3.6778E-01	(2009,193,2300)
48, 30	722.000	6058.700	2.6824E-01	(2009,182,2300)
48, 31	722.000	6058.800	2.2056E-01	(2009,182,2300)
48, 32	722.000	6058.900	1.8125E-01	(2009,062,2300)
48, 33	722.000	6059.000	2.1587E-01	(2009,062,2300)
48, 34	722.000	6059.100	2.3987E-01	(2009,115,2300)
48, 35	722.000	6059.200	2.9853E-01	(2009,115,2300)
48, 36	722.000	6059.300	3.0915E-01	(2009,115,2300)
48, 37	722.000	6059.400	2.6743E-01	(2009,115,2300)
48, 38	722.000	6059.500	1.9931E-01	(2009,115,2300)
48, 39	722.000	6059.600	1.6624E-01	(2009,073,2300)
48, 40	722.000	6059.700	1.4565E-01	(2009,073,2300)
48, 41	722.000	6059.800	1.1883E-01	(2009,265,2300)
48, 42	722.000	6059.900	1.0630E-01	(2009,265,2300)
48, 43	722.000	6060.000	9.8811E-02	(2009,287,2300)
48, 44	722.000	6060.100	1.1255E-01	(2009,287,2300)
48, 45	722.000	6060.200	1.2094E-01	(2009,287,2300)
48, 46	722.000	6060.300	1.2362E-01	(2009,336,2300)
48, 47	722.000	6060.400	1.2485E-01	(2009,336,2300)
48, 48	722.000	6060.500	1.1458E-01	(2009,336,2300)
48, 49	722.000	6060.600	9.6398E-02	(2009,336,2300)
48, 50	722.000	6060.700	9.1213E-02	(2009,064,2300)
48, 51	722.000	6060.800	9.3656E-02	(2009,064,2300)
49, 1	722.100	6055.800	3.8339E-02	(2009,178,2300)
49, 2	722.100	6055.900	3.9490E-02	(2009,199,2300)
49, 3	722.100	6056.000	4.4042E-02	(2009,199,2300)
49, 4	722.100	6056.100	4.8315E-02	(2009,199,2300)
49, 5	722.100	6056.200	5.1659E-02	(2009,199,2300)
49, 6	722.100	6056.300	5.3426E-02	(2009,199,2300)
49, 7	722.100	6056.400	5.5405E-02	(2009,178,2300)
49, 8	722.100	6056.500	5.8097E-02	(2009,178,2300)
49, 9	722.100	6056.600	5.8477E-02	(2009,178,2300)
49, 10	722.100	6056.700	6.3925E-02	(2009,238,2300)
49, 11	722.100	6056.800	7.2042E-02	(2009,238,2300)
49, 12	722.100	6056.900	7.6523E-02	(2009,238,2300)
49, 13	722.100	6057.000	7.6316E-02	(2009,238,2300)
49, 14	722.100	6057.100	7.4819E-02	(2009,201,2300)
49, 15	722.100	6057.200	7.1886E-02	(2009,201,2300)
49, 16	722.100	6057.300	7.2658E-02	(2009,105,2300)
49, 17	722.100	6057.400	9.6615E-02	(2009,105,2300)
49, 18	722.100	6057.500	1.1905E-01	(2009,105,2300)



49, 19	722.100	6057.600	1.3528E-01	(2009,105,2300)
49, 20	722.100	6057.700	1.4153E-01	(2009,105,2300)
49, 21	722.100	6057.800	1.3626E-01	(2009,105,2300)
49, 22	722.100	6057.900	1.2473E-01	(2009,242,2300)
49, 23	722.100	6058.000	1.4786E-01	(2009,242,2300)
49, 24	722.100	6058.100	2.1907E-01	(2009,134,2300)
49, 25	722.100	6058.200	2.8516E-01	(2009,134,2300)
49, 26	722.100	6058.300	3.3185E-01	(2009,134,2300)
49, 27	722.100	6058.400	3.7039E-01	(2009,193,2300)
49, 28	722.100	6058.500	4.0263E-01	(2009,193,2300)
49, 29	722.100	6058.600	3.6142E-01	(2009,193,2300)
49, 30	722.100	6058.700	2.6487E-01	(2009,193,2300)
49, 31	722.100	6058.800	2.1681E-01	(2009,182,2300)
49, 32	722.100	6058.900	1.7924E-01	(2009,236,2300)
49, 33	722.100	6059.000	2.0032E-01	(2009,062,2300)
49, 34	722.100	6059.100	2.0910E-01	(2009,062,2300)
49, 35	722.100	6059.200	2.6696E-01	(2009,115,2300)
49, 36	722.100	6059.300	2.9752E-01	(2009,115,2300)
49, 37	722.100	6059.400	2.7792E-01	(2009,115,2300)
49, 38	722.100	6059.500	2.2174E-01	(2009,115,2300)
49, 39	722.100	6059.600	1.5924E-01	(2009,073,2300)
49, 40	722.100	6059.700	1.5270E-01	(2009,073,2300)
49, 41	722.100	6059.800	1.2751E-01	(2009,073,2300)
49, 42	722.100	6059.900	1.1037E-01	(2009,265,2300)
49, 43	722.100	6060.000	9.5599E-02	(2009,265,2300)
49, 44	722.100	6060.100	9.4300E-02	(2009,287,2300)
49, 45	722.100	6060.200	1.0640E-01	(2009,287,2300)
49, 46	722.100	6060.300	1.1344E-01	(2009,287,2300)
49, 47	722.100	6060.400	1.1814E-01	(2009,336,2300)
49, 48	722.100	6060.500	1.1792E-01	(2009,336,2300)
49, 49	722.100	6060.600	1.0723E-01	(2009,336,2300)
49, 50	722.100	6060.700	8.9774E-02	(2009,336,2300)
49, 51	722.100	6060.800	8.5983E-02	(2009,064,2300)
50, 1	722.200	6055.800	3.7216E-02	(2009,199,2300)
50, 2	722.200	6055.900	4.1398E-02	(2009,199,2300)
50, 3	722.200	6056.000	4.5350E-02	(2009,199,2300)
50, 4	722.200	6056.100	4.8519E-02	(2009,199,2300)
50, 5	722.200	6056.200	5.0303E-02	(2009,199,2300)
50, 6	722.200	6056.300	5.1457E-02	(2009,178,2300)
50, 7	722.200	6056.400	5.4309E-02	(2009,178,2300)
50, 8	722.200	6056.500	5.5211E-02	(2009,178,2300)
50, 9	722.200	6056.600	5.7721E-02	(2009,238,2300)
50, 10	722.200	6056.700	6.5921E-02	(2009,238,2300)
50, 11	722.200	6056.800	7.1194E-02	(2009,238,2300)
50, 12	722.200	6056.900	7.2524E-02	(2009,238,2300)
50, 13	722.200	6057.000	7.0211E-02	(2009,201,2300)
50, 14	722.200	6057.100	6.9747E-02	(2009,201,2300)
50, 15	722.200	6057.200	6.4476E-02	(2009,201,2300)
50, 16	722.200	6057.300	7.7763E-02	(2009,105,2300)
50, 17	722.200	6057.400	9.9911E-02	(2009,105,2300)
50, 18	722.200	6057.500	1.1920E-01	(2009,105,2300)
50, 19	722.200	6057.600	1.3152E-01	(2009,105,2300)
50, 20	722.200	6057.700	1.3401E-01	(2009,105,2300)
50, 21	722.200	6057.800	1.2605E-01	(2009,105,2300)
50, 22	722.200	6057.900	1.2102E-01	(2009,242,2300)
50, 23	722.200	6058.000	1.4213E-01	(2009,134,2300)
50, 24	722.200	6058.100	2.0956E-01	(2009,134,2300)
50, 25	722.200	6058.200	2.7352E-01	(2009,134,2300)
50, 26	722.200	6058.300	3.1494E-01	(2009,134,2300)
50, 27	722.200	6058.400	3.5187E-01	(2009,193,2300)

50, 28	722.200	6058.500	3.8646E-01	(2009,193,2300)
50, 29	722.200	6058.600	3.5402E-01	(2009,193,2300)
50, 30	722.200	6058.700	2.6735E-01	(2009,193,2300)
50, 31	722.200	6058.800	2.1223E-01	(2009,182,2300)
50, 32	722.200	6058.900	1.7708E-01	(2009,182,2300)
50, 33	722.200	6059.000	1.8336E-01	(2009,062,2300)
50, 34	722.200	6059.100	2.0181E-01	(2009,062,2300)
50, 35	722.200	6059.200	2.3265E-01	(2009,115,2300)
50, 36	722.200	6059.300	2.7790E-01	(2009,115,2300)
50, 37	722.200	6059.400	2.7943E-01	(2009,115,2300)
50, 38	722.200	6059.500	2.3899E-01	(2009,115,2300)
50, 39	722.200	6059.600	1.7986E-01	(2009,115,2300)
50, 40	722.200	6059.700	1.5170E-01	(2009,073,2300)
50, 41	722.200	6059.800	1.3794E-01	(2009,073,2300)
50, 42	722.200	6059.900	1.1067E-01	(2009,073,2300)
50, 43	722.200	6060.000	1.0171E-01	(2009,265,2300)
50, 44	722.200	6060.100	8.5969E-02	(2009,265,2300)
50, 45	722.200	6060.200	9.0054E-02	(2009,287,2300)
50, 46	722.200	6060.300	1.0076E-01	(2009,287,2300)
50, 47	722.200	6060.400	1.0677E-01	(2009,287,2300)
50, 48	722.200	6060.500	1.1291E-01	(2009,336,2300)
50, 49	722.200	6060.600	1.1134E-01	(2009,336,2300)
50, 50	722.200	6060.700	1.0050E-01	(2009,336,2300)
50, 51	722.200	6060.800	8.3674E-02	(2009,336,2300)
51, 1	722.300	6055.800	3.9039E-02	(2009,199,2300)
51, 2	722.300	6055.900	4.2704E-02	(2009,199,2300)
51, 3	722.300	6056.000	4.5666E-02	(2009,199,2300)
51, 4	722.300	6056.100	4.7449E-02	(2009,199,2300)
51, 5	722.300	6056.200	4.7941E-02	(2009,178,2300)
51, 6	722.300	6056.300	5.0856E-02	(2009,178,2300)
51, 7	722.300	6056.400	5.2172E-02	(2009,178,2300)
51, 8	722.300	6056.500	5.2008E-02	(2009,238,2300)
51, 9	722.300	6056.600	6.0163E-02	(2009,238,2300)
51, 10	722.300	6056.700	6.6076E-02	(2009,238,2300)
51, 11	722.300	6056.800	6.8673E-02	(2009,238,2300)
51, 12	722.300	6056.900	6.7368E-02	(2009,238,2300)
51, 13	722.300	6057.000	6.6640E-02	(2009,201,2300)
51, 14	722.300	6057.100	6.3858E-02	(2009,201,2300)
51, 15	722.300	6057.200	6.1824E-02	(2009,105,2300)
51, 16	722.300	6057.300	8.2181E-02	(2009,105,2300)
51, 17	722.300	6057.400	1.0215E-01	(2009,105,2300)
51, 18	722.300	6057.500	1.1823E-01	(2009,105,2300)
51, 19	722.300	6057.600	1.2698E-01	(2009,105,2300)
51, 20	722.300	6057.700	1.2638E-01	(2009,105,2300)
51, 21	722.300	6057.800	1.1641E-01	(2009,105,2300)
51, 22	722.300	6057.900	1.1666E-01	(2009,242,2300)
51, 23	722.300	6058.000	1.3627E-01	(2009,134,2300)
51, 24	722.300	6058.100	1.9579E-01	(2009,134,2300)
51, 25	722.300	6058.200	2.5397E-01	(2009,134,2300)
51, 26	722.300	6058.300	2.9241E-01	(2009,134,2300)
51, 27	722.300	6058.400	3.3180E-01	(2009,193,2300)
51, 28	722.300	6058.500	3.6875E-01	(2009,193,2300)
51, 29	722.300	6058.600	3.4488E-01	(2009,193,2300)
51, 30	722.300	6058.700	2.6826E-01	(2009,193,2300)
51, 31	722.300	6058.800	2.0732E-01	(2009,182,2300)
51, 32	722.300	6058.900	1.7609E-01	(2009,182,2300)
51, 33	722.300	6059.000	1.6553E-01	(2009,062,2300)
51, 34	722.300	6059.100	1.9212E-01	(2009,062,2300)
51, 35	722.300	6059.200	1.9826E-01	(2009,115,2300)
51, 36	722.300	6059.300	2.5276E-01	(2009,115,2300)

51, 37	722.300	6059.400	2.7233E-01	(2009,115,2300)
51, 38	722.300	6059.500	2.4954E-01	(2009,115,2300)
51, 39	722.300	6059.600	1.9901E-01	(2009,115,2300)
51, 40	722.300	6059.700	1.4470E-01	(2009,115,2300)
51, 41	722.300	6059.800	1.4162E-01	(2009,073,2300)
51, 42	722.300	6059.900	1.2288E-01	(2009,073,2300)
51, 43	722.300	6060.000	1.0242E-01	(2009,265,2300)
51, 44	722.300	6060.100	9.3571E-02	(2009,265,2300)
51, 45	722.300	6060.200	7.7332E-02	(2009,264,2300)
51, 46	722.300	6060.300	8.6143E-02	(2009,287,2300)
51, 47	722.300	6060.400	9.5555E-02	(2009,287,2300)
51, 48	722.300	6060.500	1.0180E-01	(2009,336,2300)
51, 49	722.300	6060.600	1.0797E-01	(2009,336,2300)
51, 50	722.300	6060.700	1.0515E-01	(2009,336,2300)
51, 51	722.300	6060.800	9.4210E-02	(2009,336,2300)

1 - RANK HIGHEST VALUES FOR PERIOD

Multiply all values by 10 \*\* -3

51 I	57	70	81	91	105	114	115	126	135	141	145	147
147	185	213	235	271	267	229	266					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					
50 I	60	57	71	83	95	110	119	120	134	144	151	155
156	172	209	231	267	286	254	267					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					
49 I	66	65	61	72	86	100	116	125	127	143	154	162
166	164	199	234	253	295	287	259					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					
48 I	69	70	69	66	73	88	105	122	132	135	153	166
174	177	183	228	257	291	311	269					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					
47 I	67	71	74	73	71	74	91	111	128	138	145	165
179	187	188	215	258	277	322	307					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					
46 I	62	69	74	77	78	76	76	94	117	136	146	156
178	194	202	200	251	287	320	337					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					
45 I	58	62	70	76	80	82	82	81	99	124	144	154
169	194	211	218	234	287	313	354					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					
44 I	54	59	63	70	78	83	87	87	87	105	131	152
162	185	212	230	234	277	324	355					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					
43 I	56	56	59	65	70	79	86	91	93	93	111	140
162	172	202	233	251	257	323	358					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					
42 I	56	59	60	61	66	72	80	89	95	99	100	118
149	173	183	224	257	274	309	371					
	I	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+					

41	I	53	57	60	63	65	66	74	81	92	100	105	107
127		160	185	203	249	284	299	369					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
40	I	48	52	56	60	64	67	70	75	84	94	104	111
115		136	172	198	227	278	315	350					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
39	I	42	45	50	55	59	64	68	72	76	86	96	108
118		124	147	186	213	256	314	350					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
38	I	45	46	45	47	52	57	63	68	73	77	87	99
112		124	134	159	201	230	292	355					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
37	I	51	52	53	54	54	55	55	60	66	72	78	88
102		117	132	146	173	219	254	337					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
36	I	53	56	58	60	62	64	65	67	68	67	70	77
89		105	122	140	159	190	240	297					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
35	I	53	56	59	63	66	69	72	76	80	81	82	84
85		89	106	127	150	173	210	263					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
34	I	58	63	69	74	79	85	90	97	103	110	117	125
133		142	152	160	146	162	191	242					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
33	I	56	60	65	70	75	80	86	93	100	108	117	127
139		153	170	189	194	202	202	234					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
32	I	51	54	58	62	67	72	78	84	91	98	107	118
131		146	164	186	211	243	281	331					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
31	I	48	50	53	56	59	63	68	73	79	85	93	102
113		126	142	161	184	214	254	312					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
30	I	48	51	54	57	61	65	69	73	77	82	87	93
99		107	116	131	149	174	210	265					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
29	I	48	50	53	57	60	65	69	74	79	84	91	98
105		114	124	136	150	167	186	233					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
28	I	51	53	56	58	61	65	68	72	76	82	88	96
104		114	125	139	155	176	200	235					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
27	I	53	56	59	62	65	69	73	77	82	88	93	100
108		117	128	141	157	177	202	245					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					

26	I	54	57	60	63	67	71	75	80	85	91	98	105
113		123	134	148	164	184	209	281					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
25	I	54	57	60	63	67	71	76	80	86	91	98	105
113		122	132	144	157	173	216	357					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
24	I	53	56	59	62	65	69	73	78	82	87	93	99
105		112	120	128	137	162	255	379					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
23	I	50	53	55	58	61	65	68	72	76	80	84	88
92		97	101	105	127	191	272	361					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
22	I	47	49	51	53	56	58	61	63	66	69	71	74
76		78	80	104	151	209	272	326					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
21	I	42	44	45	47	49	50	52	54	55	57	58	59
60		60	87	125	170	218	260	286					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
20	I	37	38	39	40	41	42	43	44	45	45	45	47
55		75	106	143	182	218	241	246					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
19	I	31	32	33	33	34	34	35	35	35	39	44	50
65		91	122	155	186	208	216	216					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
18	I	26	27	27	27	27	27	30	34	37	41	46	55
78		105	134	161	182	192	187	221					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
17	I	22	22	22	24	27	30	33	37	41	45	48	67
91		117	142	162	173	172	186	226					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
16	I	20	22	24	27	30	33	37	40	43	46	56	77
101		124	145	158	160	158	193	219					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
15	I	22	25	28	31	34	37	39	42	43	46	64	86
108		129	144	150	146	167	186	217					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
14	I	26	28	31	34	36	38	40	41	40	53	72	92
113		129	139	140	147	164	185	212					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
13	I	29	31	34	36	37	38	38	37	42	59	77	97
114		127	133	130	147	159	183	206					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
12	I	31	33	35	36	36	35	34	37	48	64	81	99
113		123	124	133	140	158	179	199					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					

11	I	33	34	34	34	33	31	35	39	52	68	84	99
110		116	121	129	136	155	174	191					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
10	I	33	33	32	31	30	33	37	44	57	71	85	97
106		111	120	119	134	151	168	182					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
9	I	31	30	29	29	31	35	38	48	60	73	85	95
101		111	113	116	131	146	160	172					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
8	I	28	27	28	30	33	36	41	52	63	74	84	92
102		106	103	114	127	140	152	162					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
7	I	25	26	29	31	34	37	45	55	66	75	85	95
100		98	99	110	122	133	143	151					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
6	I	25	27	30	32	35	40	49	58	67	78	88	94
94		89	96	106	116	125	133	142					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
5	I	26	28	31	33	36	43	52	60	72	82	89	90
87		85	93	101	110	117	124	142					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
4	I	27	29	31	34	39	47	54	66	76	83	86	84
78		82	89	96	103	110	120	141					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
3	I	28	30	32	35	42	49	61	71	78	82	81	77
75		79	85	91	97	102	122	138					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
2	I	28	30	33	38	45	56	66	73	78	79	75	71
71		76	81	86	91	102	122	134					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
1	I	29	31	34	42	51	61	69	74	76	74	68	67
68		73	77	82	86	105	121	129					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					

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	1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20					

1 - RANK HIGHEST VALUES FOR PERIOD

Multiply all values by 10 \*\* -3

51	I	254	276	318	299	323	282	250	215	188	177	252	345
400		371	269	235	187	138	140	144					
	I	+	+	+	+	+	+	+	+	+	+	+	+
+		+	+	+	+	+	+	+					
50	I	274	267	325	320	331	302	262	228	198	197	280	374
415		362	268	230	176	146	152	152					

	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
49	I	288	263	327	340	337	320	274	242	208	219	310	403		
426		347	272	221	162	159	163	159							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
48	I	295	283	326	357	341	338	287	257	218	245	343	430		
431		327	271	209	169	172	172	165							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
47	I	294	306	320	371	343	355	301	273	229	274	379	457		
429		313	264	193	185	185	180	171							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
46	I	283	323	311	383	365	371	316	291	241	307	416	480		
420		318	251	200	201	196	187	175							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
45	I	328	331	316	389	391	386	332	310	252	343	455	498		
402		315	234	219	215	206	193	177							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
44	I	367	329	345	392	418	398	351	331	282	383	494	511		
376		305	240	237	228	213	195	175							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
43	I	391	347	367	389	440	410	376	354	318	428	534	513		
375		287	262	253	237	216	194	170							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
42	I	398	398	378	383	462	420	401	378	358	476	572	505		
371		291	282	265	242	215	188	161							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
41	I	416	435	377	392	478	441	427	404	403	528	606	482		
356		317	298	272	241	209	178	184							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
40	I	431	453	430	422	492	481	452	431	451	585	631	448		
358		337	307	272	234	197	203	209							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
39	I	427	493	486	442	501	520	493	459	506	649	644	444		
384		349	308	264	220	226	229	225							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
38	I	401	511	544	468	511	562	550	487	568	715	636	441		
400		352	303	253	252	252	249	236							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
37	I	403	502	597	568	526	604	615	597	642	787	601	460		
404		355	298	284	279	280	261	220							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
36	I	391	467	619	673	647	746	781	733	734	848	560	465		
418		356	324	312	316	291	239	190							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
35	I	351	460	605	742	778	1004	1018	980	848	888	548	492		
428		376	355	362	326	260	214	236							

	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
34	I	299	421	557	771	858	1127	1288	1063	992	879	570	516		
445		410	421	366	283	253	276	322							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
33	I	282	377	516	757	942	1046	1242	1016	1163	796	617	541		
483		497	415	308	309	374	426	449							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
32	I	372	488	602	841	1121	1130	1161	939	1348	814	679	588		
602		469	380	440	504	524	508	468							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
31	I	390	477	586	900	1277	1306	1056	1112	1466	856	742	747		
544		524	603	616	580	519	450	380							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
30	I	351	480	581	964	1296	1388	1061	1448	1480	1006	965	710		
740		731	659	570	482	398	328	296							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
29	I	324	460	660	924	1191	1498	1472	2105	1587	1262	932	877		
747		620	512	430	434	434	429	422							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
28	I	323	465	644	935	1258	2108	2397	4576	2085	1204	899	699		
664		647	631	612	591	572	560	546							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
27	I	334	567	788	957	1365	2473	3537	6458	2213	1422	1077	900		
829		787	745	705	668	635	604	575							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
26	I	471	721	862	967	1451	2611	3974	3974	2463	1605	1194	949		
815		722	649	597	554	522	499	481							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
25	I	545	727	753	883	1510	2301	3793	4508	2117	1367	1006	790		
650		557	495	448	413	390	378	371							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
24	I	511	600	586	839	1372	2157	3796	3451	1639	1043	843	697		
587		501	434	372	323	281	249	245							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
23	I	423	449	485	705	1012	1672	1843	1634	1240	899	607	475		
459		436	407	374	342	309	280	254							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
22	I	350	350	468	616	775	1221	1208	1133	930	711	595	436		
365		309	295	298	294	282	268	251							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
21	I	285	348	442	546	696	891	890	845	741	598	507	437		
344		287	262	228	204	213	216	214							
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
20	I	270	339	407	457	643	680	691	671	586	534	402	390		
343		280	231	225	203	177	156	158							



	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
19	I	270	326	377	411	561	516	562	542	461	455	400	324			
313		277	234	193	189	179	163	143								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
18	I	268	312	348	401	486	413	471	476	424	400	377	303			
271		257	230	199	169	161	159	148								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
17	I	261	297	323	383	416	361	421	435	400	347	335	305			
227		230	215	193	172	150	137	138								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
16	I	253	282	301	357	353	335	387	402	377	320	298	291			
243		200	196	182	166	149	133	117								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
15	I	245	268	281	328	302	314	360	376	359	312	272	267			
244		190	176	169	156	143	131	119								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
14	I	236	254	271	297	271	296	337	354	342	304	249	236			
235		200	155	155	147	135	125	115								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
13	I	226	240	260	268	248	280	318	334	326	295	248	216			
218		202	162	142	137	128	118	110								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
12	I	216	227	246	239	227	265	299	315	310	284	244	201			
197		195	169	134	130	121	113	104								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
11	I	205	213	230	212	208	250	282	297	295	274	239	196			
174		183	170	141	125	119	108	100								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
10	I	193	203	213	193	197	235	264	280	279	262	232	194			
165		167	165	146	119	116	108	97								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
9	I	181	195	195	179	185	219	246	262	263	250	224	190			
157		150	157	147	124	112	106	97								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8	I	169	186	178	164	173	204	229	244	246	236	214	184			
150		137	145	143	128	107	104	97								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
7	I	166	175	162	151	161	189	212	226	229	221	203	177			
146		132	132	136	128	110	100	95								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
6	I	162	164	146	138	149	174	195	209	213	207	191	168			
141		127	118	127	125	113	96	93								
	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
5	I	156	152	132	125	137	160	179	192	196	192	179	159			
135		121	111	116	119	113	98	90								

	I	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
4	I	149	141	119	118	126	147	164	176	180	177	166	149	
128		115	108	106	112	110	100	87						
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
3	I	141	130	107	111	116	134	150	160	164	162	153	138	
120		108	104	95	103	105	100	88						
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
2	I	133	119	101	105	111	123	136	145	149	148	140	127	
111		102	100	92	95	99	98	90						
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
1	I	125	110	97	100	106	112	124	132	135	134	128	117	
103		96	96	90	86	92	94	89						
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

-----

-----

21 22 23 24 25 26 27 28 29 30 31 32

33 34 35 36 37 38 39 40

1 - RANK HIGHEST VALUES FOR PERIOD

Multiply all values by 10 \*\* -3

51	I	142	135	130	124	117	109	101	94	86	84	94		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
50	I	147	141	134	126	117	109	100	91	90	100	105		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
49	I	152	145	136	126	116	106	97	96	107	111	108		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
48	I	157	147	136	125	114	103	104	115	118	113	102		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
47	I	160	148	135	122	110	112	123	125	118	107	96		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
46	I	161	146	132	117	121	131	132	124	113	101	86		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
45	I	160	142	126	130	141	141	131	121	106	90	77		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
44	I	155	136	142	152	150	141	129	113	94	86	94		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
43	I	148	154	164	159	152	138	119	99	96	102	102		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
42	I	168	177	170	165	148	127	104	106	110	111	123		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
41	I	192	185	179	160	135	109	117	119	128	138	142		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
40	I	203	195	172	143	122	129	131	146	153	152	145		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
39	I	214	187	153	138	141	153	164	166	159	180	199		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
38	I	203	163	155	158	176	182	177	199	222	239	250		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
37	I	173	172	187	199	197	222	248	267	278	279	272		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
36	I	196	217	221	249	280	301	311	309	298	278	253		
	I	+	+	+	+	+	+	+	+	+	+	+	+	+
35	I	247	283	319	341	349	343	325	299	267	233	198		

	I	+	+	+	+	+	+	+	+	+	+	
34	I	366	390	395	381	354	320	280	240	209	202	192
	I	+	+	+	+	+	+	+	+	+	+	+
33	I	446	422	386	341	293	246	229	216	200	183	166
	I	+	+	+	+	+	+	+	+	+	+	+
32	I	417	361	304	264	245	225	203	181	179	177	176
	I	+	+	+	+	+	+	+	+	+	+	+
31	I	313	281	254	227	224	224	223	221	217	212	207
	I	+	+	+	+	+	+	+	+	+	+	+
30	I	300	301	299	296	290	283	276	268	265	267	268
	I	+	+	+	+	+	+	+	+	+	+	+
29	I	412	400	387	382	380	377	373	368	361	354	345
	I	+	+	+	+	+	+	+	+	+	+	+
28	I	531	515	499	482	466	450	434	418	403	386	369
	I	+	+	+	+	+	+	+	+	+	+	+
27	I	547	521	495	471	448	427	407	389	370	352	332
	I	+	+	+	+	+	+	+	+	+	+	+
26	I	463	445	428	411	395	379	364	348	332	315	292
	I	+	+	+	+	+	+	+	+	+	+	+
25	I	363	356	347	338	328	319	308	298	285	274	254
	I	+	+	+	+	+	+	+	+	+	+	+
24	I	243	242	240	238	236	233	229	225	219	210	196
	I	+	+	+	+	+	+	+	+	+	+	+
23	I	229	208	189	175	171	166	161	155	148	142	136
	I	+	+	+	+	+	+	+	+	+	+	+
22	I	234	219	203	189	174	160	146	133	125	121	117
	I	+	+	+	+	+	+	+	+	+	+	+
21	I	210	204	197	188	178	168	157	147	136	126	116
	I	+	+	+	+	+	+	+	+	+	+	+
20	I	164	168	169	169	166	161	155	149	142	134	126
	I	+	+	+	+	+	+	+	+	+	+	+
19	I	127	125	130	135	139	140	140	138	135	132	127
	I	+	+	+	+	+	+	+	+	+	+	+
18	I	133	120	109	107	105	111	115	118	119	119	118
	I	+	+	+	+	+	+	+	+	+	+	+
17	I	134	125	112	103	94	89	87	92	97	100	102
	I	+	+	+	+	+	+	+	+	+	+	+
16	I	121	121	115	106	97	90	82	74	73	78	82
	I	+	+	+	+	+	+	+	+	+	+	+
15	I	107	106	107	105	100	91	85	79	72	64	62
	I	+	+	+	+	+	+	+	+	+	+	+
14	I	107	98	92	96	96	93	87	79	75	70	64
	I	+	+	+	+	+	+	+	+	+	+	+
13	I	103	96	90	82	86	87	85	82	76	70	67
	I	+	+	+	+	+	+	+	+	+	+	+
12	I	97	92	87	83	76	76	79	79	77	73	67
	I	+	+	+	+	+	+	+	+	+	+	+
11	I	92	86	83	79	76	71	68	71	72	71	69
	I	+	+	+	+	+	+	+	+	+	+	+
10	I	88	82	77	74	72	70	67	62	64	66	66
	I	+	+	+	+	+	+	+	+	+	+	+
9	I	86	79	73	69	68	66	65	62	58	58	60
	I	+	+	+	+	+	+	+	+	+	+	+
8	I	87	77	70	66	64	63	61	60	58	55	52
	I	+	+	+	+	+	+	+	+	+	+	+
7	I	88	78	69	63	59	59	59	57	55	54	52
	I	+	+	+	+	+	+	+	+	+	+	+
6	I	87	79	70	62	57	54	55	55	53	51	51
	I	+	+	+	+	+	+	+	+	+	+	+
5	I	86	79	72	63	56	52	50	52	52	50	48

	I	+	+	+	+	+	+	+	+	+	+	+
4	I	84	79	72	65	57	51	47	47	48	49	47
	I	+	+	+	+	+	+	+	+	+	+	+
3	I	82	78	72	65	58	51	46	43	44	45	46
	I	+	+	+	+	+	+	+	+	+	+	+
2	I	79	76	72	66	59	53	46	42	39	41	43
	I	+	+	+	+	+	+	+	+	+	+	+
1	I	79	74	71	66	60	54	47	42	38	37	39
	I	+	+	+	+	+	+	+	+	+	+	+
-----												
		41	42	43	44	45	46	47	48	49	50	51
										PM2.5		1

(Data are processed only in Hours: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15  
16 17 18 19 20 21 22 23 24)  
1 RANKED 24 HOUR AVERAGE CONCENTRATION VALUES AT EACH DISCRETE RECEPTOR  
(YEAR, DAY, START TIME) (ug/m\*\*3)

RECEPTOR	COORDINATES (km)		1 RANK
1	720.197	6058.289	1.6483E+00 (2009,193,2300)
2	720.554	6057.763	3.0452E-01 (2009,178,2300)
3	719.615	6057.709	4.7369E-01 (2009,175,2300)

\*\*\*\*\*  
\*\*\*\*\*

CALPOST Version 7.2.0

Level 150720

\*\*\*\*\*  
\*\*\*\*\*

SUMMARY SECTION

TSP 1

(ug/m\*\*3)

(Data are processed only in Hours: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15  
16 17 18 19 20 21 22 23 24)

RECEPTOR RANK	COORDINATES (km) FOR AVERAGE PERIOD	TYPE	PEAK (YEAR, DAY, START TIME)	FOR
28, 27 RANK 1	720.000 6058.400 24 HOUR	GRIDDED	6.7617E+01 (2009,118,2300)	
1 RANK 1	720.197 6058.289 24 HOUR	DISCRETE	1.5402E+01 (2009,193,2300)	
27, 27 RANK 1	719.900 6058.400 8760 HOUR	GRIDDED	1.2351E+01	
1 RANK 1	720.197 6058.289 8760 HOUR	DISCRETE	2.0029E+00	

\*\*\*\*\*  
\*\*\*\*\*

CALPOST Version 7.2.0

Level 150720

\*\*\*\*\*  
\*\*\*\*\*

SUMMARY SECTION

PM10 1

(ug/m\*\*3)

(Data are processed only in Hours: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15  
16 17 18 19 20 21 22 23 24)

RECEPTOR RANK	COORDINATES (km) FOR AVERAGE PERIOD	TYPE	PEAK (YEAR, DAY, START TIME)	FOR
28, 27 RANK 1	720.000 6058.400 24 HOUR	GRIDDED	3.2359E+01 (2009,118,2300)	
1 RANK 1	720.197 6058.289 24 HOUR	DISCRETE	7.7836E+00 (2009,193,2300)	
27, 27 RANK 1	719.900 6058.400 8760 HOUR	GRIDDED	5.6859E+00	
1 RANK 1	720.197 6058.289 8760 HOUR	DISCRETE	9.6036E-01	

\*\*\*\*\*  
\*\*\*\*\*

CALPOST Version 7.2.0

Level 150720

\*\*\*\*\*  
\*\*\*\*\*

SUMMARY SECTION

PM2.5 1

(ug/m\*\*3)

(Data are processed only in Hours: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15  
16 17 18 19 20 21 22 23 24)

RECEPTOR RANK	COORDINATES (km) FOR AVERAGE PERIOD	TYPE	PEAK (YEAR, DAY, START TIME)	FOR
28, 27 RANK 1	720.000 6058.400 24 HOUR	GRIDDED	6.4578E+00 (2009,118,2300)	
1 RANK 1	720.197 6058.289 24 HOUR	DISCRETE	1.6483E+00 (2009,193,2300)	
27, 27 RANK 1	719.900 6058.400 8760 HOUR	GRIDDED	1.1506E+00	

---

1            720.197  6058.289  DISCRETE    2.0234E-01  
RANK 1            8760    HOUR

CALPOST Application Completed

Last Period Processed ENDS at:

Year: 2009  Month: 12  Day: 31  Julian day: 365  Hour: 23  Second:  0

End of run -- Clock time: 14:37:29

                  Date: 10-Jul-2018

Elapsed clock time:                    6 (seconds)

                  CPU time:                    6 (seconds)

---

### 3. OPERATIONS PHASE

#### 3.1 Calpuff model output file (concentration)

```
*****
*****
*****                                CALPOST  Version 7.2.0
Level 150720
*****
*****
```

```
Internal Coordinate Transformations by --- COORDLIB  Version: 1.99  Level:
070921
```

```
Control File Type: CALPOST.INP      7.0          Group 4 Species data _
Discrete Rec Groups
```

```
Run Title:
  KIPT Stage 2
```

-----  
-  
INPUT GROUP: 1 -- General run control parameters  
-----

```
Option to run all periods found
in the met. file(s)  (METRUN)          Default: 0    ! METRUN = 1 !
```

```
    METRUN = 0 - Run period explicitly defined below
    METRUN = 1 - Run all periods in CALPUFF data file(s)
```

```
Starting date:   Year   (ISYR)  --   No default   ! ISYR = 1990 !
                 Month  (ISMO)  --   No default   ! ISMO = 0 !
                 Day    (ISDY)  --   No default   ! ISDY = 0 !
Starting time:  Hour    (ISHR)  --   No default   ! ISHR = 0 !
                 Minute (ISMIN) --   No default   ! ISMIN = 0 !
                 Second (ISSEC) --   No default   ! ISSEC = 0 !

Ending date:    Year   (IEYR)  --   No default   ! IEYR = 0 !
                 Month  (IEMO)  --   No default   ! IEMO = 0 !
                 Day    (IEDY)  --   No default   ! IEDY = 0 !
Ending time:    Hour   (IEHR)  --   No default   ! IEHR = 0 !
                 Minute (IEMIN) --   No default   ! IEMIN = 0 !
                 Second (IESEC) --   No default   ! IESEC = 0 !
```

(These are only used if METRUN = 0)

```
Base Time Zone for the CALPUFF simulation:
(character*8)          (ABTZ)  --   No default   ! ABTZ = UTC+1000 !
```

```
All times are in the base time zone of the CALPUFF simulation.
CALPUFF Dataset Version 2.1 contains the zone, but earlier versions
```

---

do not, and the zone must be specified here.

Examples:

```
Greenwich Mean Time (GMT) = UTC+0000
EST                       = UTC-0500
CST                       = UTC-0600
MST                       = UTC-0700
PST                       = UTC-0800
Los Angeles, USA         = UTC-0800
New York, USA            = UTC-0500
Santiago, Chile         = UTC-0400
UK                       = UTC+0000
Western Europe          = UTC+0100
Rome, Italy              = UTC+0100
Cape Town, S.Africa     = UTC+0200
Sydney, Australia       = UTC+1000
```

Process every period of data?

(NREP) -- Default: 1 ! NREP = 1 !

(1 = every period processed,  
2 = every 2nd period processed,  
5 = every 5th period processed, etc.)

Selectively process data only within certain hours?

(This feature is NOT used with Visibility or CALM Processing)

Provide 24 values. The first value is for the hour  
between 0000 and 0100, the second is for the hour  
between 0100 and 0200, (etc.) and the last is for the hour  
between 2300 And 2400.

(HRPROC) -- Default: 24\*1, or

```
Hour:    1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21
22 23 24
Default: 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
1, 1, 1
```

! HRPROC = 1,1 !

0 = data within hour are NOT processed

1 = data within hour are processed

Species & Concentration/Deposition Information

-----

Multiple species-levels contained in a single CALPUFF output file  
can be processed in 1 application. These are identified by name  
(ASPEC) in Group 4, along with several related inputs. For  
visibility there must be only 1 species listed and it must be  
called VISIB.

Number of species (NSPEC) -- Default: 1 ! NSPEC = 3 !

Add Hourly Background Concentrations/Fluxes?

- Current implementation allows hourly data for 1 species, and  
is restricted to NSPEC=1  
- Units must be mass-based and the conversion factor to either  
g/m\*\*3 or g/m\*\*2/s must be provided in the header of the file  
- Option cannot be used with volume-based (e.g. ppb) units  
(LBACK) -- Default: F ! LBACK = F !

NO2 Configuration



-----  
Source of NO2 when ASPEC=NO2 (Group 4) or LVNO2=T (Group 2) may be from CALPUFF NO2 concentrations OR from a fraction of CALPUFF NOx concentrations. Specify the fraction of NOx that is treated as NO2 either as a constant or as a table of fractions that depend on the magnitude of the NOx concentration:

(NO2CALC) -- Default: 1 ! NO2CALC = 1 !  
0 = Use NO2 directly (NO2 must be in file)  
1 = Specify a single NO2/NOx ratio (RNO2NOX)  
2 = Specify table of NO2/NOx ratios for short-term and long-term concentration averages: Short -Term(TNO2NOX\_S)  
Long-Term (TNO2NOX\_L)  
(NOTE: Scaling Factors must NOT be used with NO2CALC=2)

Single NO2/NOx ratio (0.0 to 1.0) for treating some or all NOx as NO2, where [NO2] = [NOx] \* RNO2NOX (used only if NO2CALC = 1)

(RNO2NOX) -- Default: 1.0 ! RNO2NOX = 1.0 !

Table of NO2/NOx ratios that vary with NOx concentration. Provide a series of NOx concentrations (ppb) and the corresponding NO2/NOx ratio, with NOx increasing in magnitude. The ratio used for a particular NOx concentration is interpolated from the values provided in the table. The ratio for the smallest tabulated NOx concentration (the first) is used for all NOx concentrations less than the smallest tabulated value, and the ratio for the largest tabulated NOx concentration (the last) is used for all NOx concentrations greater than the largest tabulated value. (used only if NO2CALC = 2)

(a) NOx concentration conversion factor from ppb to ug/m3 (1.0 ppb NOx = PPB\_UGM3 ug/m3 NOx)  
Default value assumes T=25.0 C

P=1.0 atm  
MW = 46.0  
(PPB\_UGM3) -- Default: 1.880 ! PPB\_UGM3 = 1.880

!

(b) Short-Term Average Conversion Table

NOx concentration (CNOX\_S) -- No Default (ppb)  
NO2/NOx ratio for each NOx concentration (TNO2NOX\_S) -- No Default

! CNOX\_S =  
0.531915,1.06383,1.595745,2.12766,2.659575,3.191489,3.723404,4.255319,4.787234,5.319149,5.851064,6.382979,6.914894,7.446808, !

! TNO2NOX\_S = 1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0, !

!

(c) Long-Term Average Conversion Table

NOx concentration (CNOX\_L) -- No Default (ppb)  
NO2/NOx ratio for each NOx concentration (TNO2NOX\_L) -- No Default

---

```
! CNOX_L =
0.531915,1.06383,1.595745,2.12766,2.659575,3.191489,3.723404,4.255319,4.787234,5
.319149,5.851064,6.382979,6.914894,7.446808, !
```

```
! TNO2NOX_L = 1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,1.0,
!
```

(d) Minimum number of hours in average  
for using the long-term average  
conversion table

```
(MINHR_L) -- Default: 8000 ! MINHR_L = 8000 !
```

#### Source information

-----

Option to process source contributions:

0 = Process only total reported contributions

1 = Sum all individual source contributions and process

2 = Run in TRACEBACK mode to identify source

contributions at a SINGLE receptor

```
(MSOURCE) -- Default: 0 ! MSOURCE = 0 !
```

#### Plume Model Output Processing Options

-----

Output from models other than CALPUFF and CALGRID can be written in the CONC.DAT format and processed by CALPOST. Plume models such as AERMOD typically do not treat CALM hours, and do not include such hours in multiple-hour averages, with specific rules about how many calm hours can be removed from an average. This treatment is known as CALM PROCESSING. Calm periods are identified from wind speeds in the meteorological data file for the application, which must be identified in Input Group 0 as the single-point meteorological data file MET1DAT.

0 = Option is not used for CALPUFF/CALGRID output files

1 = Apply CALM processing procedures to multiple-hour averages

```
(MCALMPRO) -- Default: 0 ! MCALMPRO = 0 !
```

Format of Single-point Met File

1 = AERMOD/AERMET SURFACE file

```
(MET1FMT) -- Default: 1 ! MET1FMT = 1 !
```

#### Receptor information

-----

Gridded receptors processed? (LG) -- Default: F ! LG = T !

Discrete receptors processed? (LD) -- Default: F ! LD = T !

CTSG Complex terrain receptors processed?

```
(LCT) -- Default: F ! LCT = F !
```

--Report results by DISCRETE receptor RING?

```
(only used when LD = T) (LDRING) -- Default: F ! LDRING = F !
```

--Select range of DISCRETE receptors (only used when LD = T):

Select ALL DISCRETE receptors by setting NDRECP flag to -1;

---

OR

Select SPECIFIC DISCRETE receptors by entering a flag (0,1) for each

0 = discrete receptor not processed

1 = discrete receptor processed

using repeated value notation to select blocks of receptors:

23\*1, 15\*0, 12\*1

Flag for all receptors after the last one assigned is set to 0

(NDRECP) -- Default: -1

! NDRECP = -1 !

--Select range of GRIDDED receptors (only used when LG = T):

X index of LL corner (IBGRID) -- Default: -1 ! IBGRID = -1 !

(-1 OR 1 <= IBGRID <= NX)

Y index of LL corner (JBGRID) -- Default: -1 ! JBGRID = -1 !

(-1 OR 1 <= JBGRID <= NY)

X index of UR corner (IEGRID) -- Default: -1 ! IEGRID = -1 !

(-1 OR 1 <= IEGRID <= NX)

Y index of UR corner (JEGRID) -- Default: -1 ! JEGRID = -1 !

(-1 OR 1 <= JEGRID <= NY)

Note: Entire grid is processed if IBGRID=JBGRID=IEGRID=JEGRID=-1

--Specific gridded receptors can also be excluded from CALPOST processing by filling a processing grid array with 0s and 1s. If the processing flag for receptor index (i,j) is 1 (ON), that receptor will be processed if it lies within the range delineated by IBGRID, JBGRID, IEGRID, JEGRID and if LG=T. If it is 0 (OFF), it will not be processed in the run. By default, all array values are set to 1 (ON).

Number of gridded receptor rows provided in Subgroup (1a) to identify specific gridded receptors to process

(NGONOFF) -- Default: 0 ! NGONOFF = 0 !

!END!

-----  
Subgroup (1a) -- Specific gridded receptors included/excluded  
-----

Specific gridded receptors are excluded from CALPOST processing by filling a processing grid array with 0s and 1s. A total of NGONOFF lines are read here. Each line corresponds to one 'row' in the sampling grid, starting with the NORTHERNMOST row that contains receptors that you wish to exclude, and finishing with row 1 to the SOUTH (no intervening rows may be skipped). Within a row, each receptor position is assigned either a 0 or 1, starting with the westernmost receptor.

0 = gridded receptor not processed

1 = gridded receptor processed

Repeated value notation may be used to select blocks of receptors:

23\*1, 15\*0, 12\*1

---

Because all values are initially set to 1, any receptors north of the first row entered, or east of the last value provided in a row, remain ON.

(NGXRECP) -- Default: 1

-----  
INPUT GROUP: 2 -- Visibility Parameters (ASPEC = VISIB)  
-----

Test visibility options specified to see  
if they conform to FLAG 2010 configuration?

(MVISCHECK) -- Default: 1 ! MVISCHECK = 1 !  
0 = NO checks are made  
1 = Technical options must conform to FLAG 2010 visibility guidance  
ASPEC = VISIB  
LVNO2 = T  
NO2CALC = 1  
RNO2NOX = 1.0  
MVISBK = 8  
M8\_MODE = 5

Some of the data entered for use with the FLAG 2010 configuration are specific to the Class I area being evaluated. These values can be checked within the CALPOST user interface when the name of the Class I area is provided.

Name of Class I Area (used for QA purposes only)

(AREANAME) -- Default: User ! AREANAME = USER !

Particle growth curve f(RH) for hygroscopic species

(MFRH) -- Default: 4 ! MFRH = 4 !

1 = IWAQM (1998) f(RH) curve (originally used with MVISBK=1)  
2 = FLAG (2000) f(RH) tabulation  
3 = EPA (2003) f(RH) tabulation  
4 = IMPROVE (2006) f(RH) tabulations for sea salt, and for small and large SULFATE and NITRATE particles;  
Used in Visibility Method 8 (MVISBK = 8 with M8\_MODE = 1, 2, or

3)

Maximum relative humidity (%) used in particle growth curve

(RHMAX) -- Default: 98 ! RHMAX = 95 !

Modeled species to be included in computing the light extinction

Include SULFATE? (LVSO4) -- Default: T ! LVSO4 = T !  
Include NITRATE? (LVNO3) -- Default: T ! LVNO3 = T !  
Include ORGANIC CARBON? (LVOC) -- Default: T ! LVOC = T !  
Include COARSE PARTICLES? (LVPMC) -- Default: T ! LVPMC = T !  
Include FINE PARTICLES? (LVPMF) -- Default: T ! LVPMF = T !  
Include ELEMENTAL CARBON? (LVEC) -- Default: T ! LVEC = T !  
Include NO2 absorption? (LVNO2) -- Default: F ! LVNO2 = F !  
With Visibility Method 8 -- Default: T  
FLAG (2010)

And, when ranking for TOP-N, TOP-50, and Exceedance tables,

Include BACKGROUND? (LVBK) -- Default: T ! LVBK = T !

---

Species name used for particulates in MODEL.DAT file

COARSE (SPECPMC) -- Default: PMC ! SPECPMC = PMC !  
FINE (SPECPMF) -- Default: PMF ! SPECPMF = PMF !

Extinction Efficiency (1/Mm per ug/m\*\*3)

-----  
MODELED particulate species:

PM COARSE (EEMPC) -- Default: 0.6 ! EEMPC = 0.6 !  
PM FINE (EEMPF) -- Default: 1.0 ! EEMPF = 1 !

BACKGROUND particulate species:

PM COARSE (EEMCBK) -- Default: 0.6 ! EEMCBK = 0.6 !

Other species:

AMMONIUM SULFATE (EESO4) -- Default: 3.0 ! EESO4 = 3 !  
AMMONIUM NITRATE (EENO3) -- Default: 3.0 ! EENO3 = 3 !  
ORGANIC CARBON (EEOC) -- Default: 4.0 ! EEOC = 4 !  
SOIL (EESOIL) -- Default: 1.0 ! EESOIL = 1 !  
ELEMENTAL CARBON (EEEC) -- Default: 10. ! EEEC = 10 !  
NO2 GAS (EENO2) -- Default: .1755 ! EENO2 = 0.1755 !

Visibility Method 8:

AMMONIUM SULFATE (EESO4S) Set Internally (small)  
AMMONIUM SULFATE (EESO4L) Set Internally (large)  
AMMONIUM NITRATE (EENO3S) Set Internally (small)  
AMMONIUM NITRATE (EENO3L) Set Internally (large)  
ORGANIC CARBON (EEOCS) Set Internally (small)  
ORGANIC CARBON (EEOCL) Set Internally (large)  
SEA SALT (EESALT) Set Internally

Background Extinction Computation

-----  
Method used for the 24h-average of percent change of light extinction:  
Hourly ratio of source light extinction / background light extinction  
is averaged? (LAVER) -- Default: F ! LAVER = F !

Method used for background light extinction

(MVISBK) -- Default: 8 ! MVISBK = 8 !  
FLAG (2010)

- 1 = Supply single light extinction and hygroscopic fraction  
- Hourly F(RH) adjustment applied to hygroscopic background  
and modeled sulfate and nitrate
- 2 = Background extinction from speciated PM concentrations (A)  
- Hourly F(RH) adjustment applied to observed and modeled sulfate  
and nitrate  
- F(RH) factor is capped at F(RHMAX)
- 3 = Background extinction from speciated PM concentrations (B)  
- Hourly F(RH) adjustment applied to observed and modeled sulfate  
and nitrate  
- Receptor-hour excluded if RH>RHMAX  
- Receptor-day excluded if fewer than 6 valid receptor-hours
- 4 = Read hourly transmissometer background extinction measurements  
- Hourly F(RH) adjustment applied to modeled sulfate and nitrate  
- Hour excluded if measurement invalid (missing, interference,  
or large RH)  
- Receptor-hour excluded if RH>RHMAX  
- Receptor-day excluded if fewer than 6 valid receptor-hours
- 5 = Read hourly nephelometer background extinction measurements  
- Rayleigh extinction value (BEXTRAY) added to measurement  
- Hourly F(RH) adjustment applied to modeled sulfate and nitrate

- Hour excluded if measurement invalid (missing, interference, or large RH)
- Receptor-hour excluded if RH>RHMAX
- Receptor-day excluded if fewer than 6 valid receptor-hours
- 6 = Background extinction from speciated PM concentrations
- FLAG (2000) monthly RH adjustment factor applied to observed

and

- and modeled sulfate and nitrate
- 7 = Use observed weather or prognostic weather information for background extinction during weather events; otherwise, use

Method 2

- Hourly F(RH) adjustment applied to modeled sulfate and nitrate
- F(RH) factor is capped at F(RHMAX)
- During observed weather events, compute Bext from visual range if using an observed weather data file, or
- During prognostic weather events, use Bext from the prognostic weather file
- Use Method 2 for hours without a weather event
- 8 = Background extinction from speciated PM concentrations using the IMPROVE (2006) variable extinction efficiency formulation (MFRH must be set to 4)
- Split between small and large particle concentrations of SULFATES, NITRATES, and ORGANICS is a function of concentration and different extinction efficiencies are used for each
- Source-induced change in visibility includes the increase in extinction of the background aerosol due to the change in the extinction efficiency that now depends on total concentration.
- Fsmall(RH) and Flarge(RH) adjustments for small and large particles are applied to observed and modeled sulfate and nitrate concentrations
- Fsalt(RH) adjustment for sea salt is applied to background sea salt concentrations
- F(RH) factors are capped at F(RHMAX)
- RH for Fsmall(RH), Flarge(RH), and Fsalt(RH) may be obtained from hourly data as in Method 2 or from the FLAG monthly RH adjustment factor used for Method 6 where EPA F(RH) tabulation is used to infer RH, or monthly Fsmall, Flarge, and Fsalt RH adjustment factors can be directly entered.

hourly

concentrations or daily concentrations to obtain the 24-hour extinction.  
 These choices are made using the M8\_MODE selection.

Additional inputs used for MVISBK = 1:

```
-----
Background light extinction (1/Mm)
(BEXTBK) -- No default      ! BEXTBK = !
Percentage of particles affected by relative humidity
(RHFRAC) -- No default     ! RHFRAC = !
```

Additional inputs used for MVISBK = 6,8:

```
-----
Extinction coefficients for hygroscopic species (modeled and
background) are computed using a monthly RH adjustment factor
in place of an hourly RH factor (VISB.DAT file is NOT needed).
Enter the 12 monthly factors here (RHFAC). Month 1 is January.

(RHFAC) -- No default      ! RHFAC = 0,0,0,0,0,0,0,0,0,0,0,0 !
```