```
49, 33      722.100    6059.000    1.6563E+00  (2009,062,2300)
49, 34      722.100    6059.100    1.7424E+00  (2009,062,2300)
49, 35      722.100    6059.200    2.2508E+00  (2009,115,2300)
49, 36      722.100    6059.300    2.5346E+00  (2009,115,2300)
49, 37      722.100    6059.400    2.4036E+00  (2009,115,2300)
49, 38      722.100    6059.500    1.9631E+00  (2009,115,2300)
49, 39      722.100    6059.600    1.4676E+00  (2009,073,2300)
49, 40      722.100    6059.700    1.4404E+00  (2009,073,2300)
49, 41      722.100    6059.800    1.2504E+00  (2009,073,2300)
49, 42      722.100    6059.900    1.0020E+00  (2009,023,2300)
49, 43      722.100    6060.000    8.5678E-01  (2009,338,2300)
49, 44      722.100    6060.100    8.3423E-01  (2009,287,2300)
49, 45      722.100    6060.200    9.4898E-01  (2009,287,2300)
49, 46      722.100    6060.300    1.0223E+00  (2009,287,2300)
49, 47      722.100    6060.400    1.0418E+00  (2009,287,2300)
49, 48      722.100    6060.500    1.0063E+00  (2009,287,2300)
49, 49      722.100    6060.600    9.2667E-01  (2009,287,2300)
49, 50      722.100    6060.700    8.1827E-01  (2009,287,2300)
49, 51      722.100    6060.800    8.1261E-01  (2009,064,2300)
50,  1      722.200    6055.800    2.9427E-01  (2009,178,2300)
50,  2      722.200    6055.900    3.0615E-01  (2009,178,2300)
50,  3      722.200    6056.000    3.2484E-01  (2009,178,2300)
50,  4      722.200    6056.100    3.4966E-01  (2009,178,2300)
50,  5      722.200    6056.200    3.7785E-01  (2009,178,2300)
50,  6      722.200    6056.300    4.0473E-01  (2009,178,2300)
50,  7      722.200    6056.400    4.2444E-01  (2009,178,2300)
50,  8      722.200    6056.500    4.2997E-01  (2009,178,2300)
50,  9      722.200    6056.600    4.4175E-01  (2009,238,2300)
50, 10      722.200    6056.700    5.0759E-01  (2009,238,2300)
50, 11      722.200    6056.800    5.5262E-01  (2009,238,2300)
50, 12      722.200    6056.900    5.6894E-01  (2009,238,2300)
50, 13      722.200    6057.000    5.5781E-01  (2009,201,2300)
50, 14      722.200    6057.100    5.4905E-01  (2009,201,2300)
50, 15      722.200    6057.200    5.0612E-01  (2009,201,2300)
50, 16      722.200    6057.300    6.0516E-01  (2009,105,2300)
50, 17      722.200    6057.400    7.7516E-01  (2009,105,2300)
50, 18      722.200    6057.500    9.2437E-01  (2009,105,2300)
50, 19      722.200    6057.600    1.0227E+00  (2009,105,2300)
50, 20      722.200    6057.700    1.0492E+00  (2009,105,2300)
50, 21      722.200    6057.800    9.9979E-01  (2009,105,2300)
50, 22      722.200    6057.900    9.5228E-01  (2009,242,2300)
50, 23      722.200    6058.000    1.1324E+00  (2009,134,2300)
50, 24      722.200    6058.100    1.6926E+00  (2009,134,2300)
50, 25      722.200    6058.200    2.2392E+00  (2009,134,2300)
50, 26      722.200    6058.300    2.6143E+00  (2009,134,2300)
50, 27      722.200    6058.400    2.9100E+00  (2009,193,2300)
50, 28      722.200    6058.500    3.2323E+00  (2009,193,2300)
50, 29      722.200    6058.600    3.0063E+00  (2009,193,2300)
50, 30      722.200    6058.700    2.3298E+00  (2009,193,2300)
50, 31      722.200    6058.800    1.8629E+00  (2009,182,2300)
50, 32      722.200    6058.900    1.5856E+00  (2009,182,2300)
50, 33      722.200    6059.000    1.5089E+00  (2009,062,2300)
50, 34      722.200    6059.100    1.6711E+00  (2009,062,2300)
50, 35      722.200    6059.200    1.9490E+00  (2009,115,2300)
50, 36      722.200    6059.300    2.3485E+00  (2009,115,2300)
50, 37      722.200    6059.400    2.3914E+00  (2009,115,2300)
50, 38      722.200    6059.500    2.0844E+00  (2009,115,2300)
50, 39      722.200    6059.600    1.6161E+00  (2009,115,2300)
50, 40      722.200    6059.700    1.4091E+00  (2009,073,2300)
50, 41      722.200    6059.800    1.3177E+00  (2009,073,2300)
```

```
50, 42      722.200    6059.900    1.1065E+00  (2009,073,2300)
50, 43      722.200    6060.000    8.6687E-01  (2009,073,2300)
50, 44      722.200    6060.100    7.5395E-01  (2009,338,2300)
50, 45      722.200    6060.200    7.9730E-01  (2009,287,2300)
50, 46      722.200    6060.300    8.9952E-01  (2009,287,2300)
50, 47      722.200    6060.400    9.6317E-01  (2009,287,2300)
50, 48      722.200    6060.500    9.7804E-01  (2009,287,2300)
50, 49      722.200    6060.600    9.4419E-01  (2009,287,2300)
50, 50      722.200    6060.700    8.7198E-01  (2009,287,2300)
50, 51      722.200    6060.800    7.7423E-01  (2009,287,2300)
51,  1      722.300    6055.800    2.8133E-01  (2009,178,2300)
51,  2      722.300    6055.900    2.9872E-01  (2009,178,2300)
51,  3      722.300    6056.000    3.2174E-01  (2009,178,2300)
51,  4      722.300    6056.100    3.4829E-01  (2009,178,2300)
51,  5      722.300    6056.200    3.7449E-01  (2009,178,2300)
51,  6      722.300    6056.300    3.9461E-01  (2009,178,2300)
51,  7      722.300    6056.400    4.0319E-01  (2009,178,2300)
51,  8      722.300    6056.500    3.9525E-01  (2009,178,2300)
51,  9      722.300    6056.600    4.5959E-01  (2009,238,2300)
51, 10      722.300    6056.700    5.0845E-01  (2009,238,2300)
51, 11      722.300    6056.800    5.3348E-01  (2009,238,2300)
51, 12      722.300    6056.900    5.2991E-01  (2009,238,2300)
51, 13      722.300    6057.000    5.2091E-01  (2009,201,2300)
51, 14      722.300    6057.100    4.9664E-01  (2009,201,2300)
51, 15      722.300    6057.200    4.7981E-01  (2009,105,2300)
51, 16      722.300    6057.300    6.3500E-01  (2009,105,2300)
51, 17      722.300    6057.400    7.8764E-01  (2009,105,2300)
51, 18      722.300    6057.500    9.1219E-01  (2009,105,2300)
51, 19      722.300    6057.600    9.8345E-01  (2009,105,2300)
51, 20      722.300    6057.700    9.8667E-01  (2009,105,2300)
51, 21      722.300    6057.800    9.2128E-01  (2009,105,2300)
51, 22      722.300    6057.900    9.1297E-01  (2009,242,2300)
51, 23      722.300    6058.000    1.0797E+00  (2009,134,2300)
51, 24      722.300    6058.100    1.5734E+00  (2009,134,2300)
51, 25      722.300    6058.200    2.0693E+00  (2009,134,2300)
51, 26      722.300    6058.300    2.4170E+00  (2009,134,2300)
51, 27      722.300    6058.400    2.7333E+00  (2009,193,2300)
51, 28      722.300    6058.500    3.0721E+00  (2009,193,2300)
51, 29      722.300    6058.600    2.9157E+00  (2009,193,2300)
51, 30      722.300    6058.700    2.3231E+00  (2009,193,2300)
51, 31      722.300    6058.800    1.8117E+00  (2009,182,2300)
51, 32      722.300    6058.900    1.5670E+00  (2009,182,2300)
51, 33      722.300    6059.000    1.3564E+00  (2009,062,2300)
51, 34      722.300    6059.100    1.5820E+00  (2009,062,2300)
51, 35      722.300    6059.200    1.6511E+00  (2009,115,2300)
51, 36      722.300    6059.300    2.1206E+00  (2009,115,2300)
51, 37      722.300    6059.400    2.3092E+00  (2009,115,2300)
51, 38      722.300    6059.500    2.1491E+00  (2009,115,2300)
51, 39      722.300    6059.600    1.7554E+00  (2009,115,2300)
51, 40      722.300    6059.700    1.3246E+00  (2009,115,2300)
51, 41      722.300    6059.800    1.3278E+00  (2009,073,2300)
51, 42      722.300    6059.900    1.1912E+00  (2009,073,2300)
51, 43      722.300    6060.000    9.7544E-01  (2009,073,2300)
51, 44      722.300    6060.100    7.6259E-01  (2009,338,2300)
51, 45      722.300    6060.200    6.6161E-01  (2009,338,2300)
51, 46      722.300    6060.300    7.6330E-01  (2009,287,2300)
51, 47      722.300    6060.400    8.5379E-01  (2009,287,2300)
51, 48      722.300    6060.500    9.0789E-01  (2009,287,2300)
51, 49      722.300    6060.600    9.1892E-01  (2009,287,2300)
51, 50      722.300    6060.700    8.8804E-01  (2009,287,2300)
```

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  51, 51     722.300  6060.800   8.2243E-01 (2009,287,2300)

   1 - RANK HIGHEST VALUES FOR PERIOD

 Multiply all values by 10 **  -2

   51 I   55     67     79     89     96    106    109    122    131    135    137    136
 140    162    185    193    221    217    187    216
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   50 I   62     59     67     81     92    101    111    115    130    140    145    146
 144    153    184    202    219    234    207    217
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   49 I   66     66     64     68     83     95    107    117    122    139    150    156
 157    155    177    206    217    242    235    213
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   48 I   66     69     70     68     69     85     99    112    124    131    149    161
 168    168    167    203    227    241    256    220
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   47 I   63     68     72     74     73     71     87    103    119    131    140    161
 174    181    179    193    230    245    267    254
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   46 I   62     65     70     75     78     78     77     90    107    126    138    152
 174    189    196    191    225    256    267    280
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   45 I   60     64     68     72     78     82     83     83     93    113    134    147
 164    190    207    212    213    259    280    296
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   44 I   56     61     66     71     76     80     85     89     89     97    120    142
 156    180    208    226    229    252    293    300
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   43 I   59     60     63     68     74     80     85     90     94     96    101    128
 152    166    197    229    248    248    295    325
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   42 I   57     61     63     66     70     77     84     91     97    102    106    109
 137    163    177    219    254    273    285    341
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   41 I   53     57     61     65     69     74     79     88     96    104    111    117
 121    147    175    195    244    283    301    342
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   40 I   48     51     55     61     66     70     77     84     91    101    111    121
 129    136    159    188    219    274    316    330
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   39 I   45     49     53     57     62     66     71     79     87     96    106    118
 131    142    152    172    203    248    311    355
      I    +     +     +     +     +     +     +     +     +     +     +     +     +
 +      +     +     +     +     +     +     +
   38 I   44     46     48     52     58     63     70     76     82     89     99    111
 126    141    157    171    187    221    284    354
```

```
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  37 I    41    43    45    47    50    55    62    69    78    86    95   103
115   132   152   172   193   213   243   330
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  36 I    43    46    49    51    54    57    59    62    65    75    86    98
110   122   139   163   189   217   247   285
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  35 I    44    47    50    54    58    62    66    71    76    79    82    86
93   109   126   145   174   207   244   287
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  34 I    47    52    57    63    69    75    81    89    96   105   114   125
137   151   167   183   174   189   228   276
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  33 I    45    49    54    59    64    70    77    84    93   102   113   126
141   160   182   210   226   246   255   300
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  32 I    41    44    48    53    58    63    69    76    83    92   103   115
130   149   172   201   236   281   337   414
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  31 I    39    41    44    47    51    55    60    66    72    79    88    99
111   127   146   170   200   240   293   372
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  30 I    39    42    45    48    52    56    60    65    70    76    82    89
98   107   119   137   160   192   237   306
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  29 I    38    40    44    47    51    55    59    64    70    76    83    92
101   112   124   140   158   180   206   265
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  28 I    35    38    41    44    48    52    56    61    67    73    81    89
98   110   123   139   159   184   214   262
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  27 I    32    35    37    40    44    47    51    56    61    67    73    81
90   100   113   128   147   171   205   271
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  26 I    33    35    38    41    44    48    52    57    62    68    75    82
91   102   115   130   149   173   203   307
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  25 I    33    35    38    41    44    48    52    57    62    67    74    81
90   100   111   125   142   162   226   380
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  24 I    32    34    37    40    43    46    50    54    59    64    70    77
84    92   102   112   124   163   261   395
    I     +     +     +     +     +     +     +     +     +     +     +     +
 +     +     +     +     +     +     +     +
  23 I    30    33    35    37    40    43    47    50    54    59    64    69
74    81    87    94   124   189   273   369
```

```
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  22 I   28     30     32     35     37     39     42     45     48     52     55     59
63     67     70     99    145    203    268    328
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  21 I   26     28     29     31     33     35     37     39     42     44     46     49
53     60     81    117    161    209    253    284
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  20 I   23     25     26     27     29     30     32     33     35     39     45     51
57     68     97    131    169    205    231    241
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  19 I   21     22     23     24     25     26     30     34     39     44     49     54
59     81    110    141    170    193    204    200
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  18 I   18     19     20     23     26     30     34     38     43     47     52     56
69     93    119    144    165    176    176    205
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  17 I   18     21     23     27     30     34     38     42     46     49     52     58
78    101    124    143    154    156    171    204
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  16 I   21     24     27     30     34     37     41     44     47     49     50     65
86    106    124    137    141    145    174    187
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  15 I   25     28     31     34     37     40     42     44     46     45     54     72
91    108    122    128    127    150    164    163
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  14 I   28     31     34     36     39     41     42     42     41     44     59     76
93    107    116    118    131    145    146    143
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  13 I   31     33     35     37     39     39     39     38     37     48     63     79
93    104    109    116    130    132    129    130
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  12 I   33     34     36     37     37     36     34     34     39     51     65     79
91     98    104    117    121    116    114    118
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  11 I   33     34     35     34     33     31     30     35     42     54     66     78
87     93    106    112    109    106    105    104
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
  10 I   33     33     32     30     28     27     31     35     44     55     66     76
84     97    103    103     98     94     96    107
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
   9 I   31     30     28     26     25     28     32     37     47     56     65     75
88     95     96     91     89     88     86    112
     I     +      +      +      +      +      +      +      +      +      +      +      +
+       +      +      +      +      +      +      +
   8 I   27     26     23     22     26     29     31     39     48     56     68     80
88     91     87     83     79     80     87    115
```

```
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  7 I   23     21     20     23     26     29     34     41     49     61     73     81
 85     83     78     76     75     73     91    117
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  6 I   19     19     22     24     27     29     36     44     56     66     75     80
 79     75     72     69     69     71     95    117
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  5 I   18     20     22     25     26     32     40     50     61     69     75     76
 73     68     66     65     63     76     97    115
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  4 I   19     21     23     24     28     36     46     55     64     70     72     70
 65     63     60     60     59     79     98    113
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  3 I   20     21     23     24     32     41     51     59     65     68     68     64
 60     58     57     55     63     82     98    109
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  2 I   20     21     22     29     38     46     54     61     65     65     62     57
 56     54     53     50     66     83     98    105
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  1 I   19     21     27     34     42     50     57     61     62     61     56     54
 51     51     49     53     69     84     96    101
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
     -------------------------------------------------------------------------------------
---------------------------------------------------
         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^{-2}

```
 51 I  205    229    263    246    263    239    228    214    188    175    234    305
343    313    238    215    175    144    150    150
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
 50 I  222    223    270    265    271    248    240    227    198    194    259    329
355    305    246    213    165    158    161    158
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
 49 I  235    220    273    282    277    263    253    242    208    215    285    353
363    293    251    207    170    173    171    165
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
 48 I  242    232    274    298    281    278    267    259    219    239    313    375
366    280    252    196    187    186    181    173
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
 47 I  243    252    271    312    284    293    282    277    230    266    343    396
365    292    246    203    204    200    191    179
     I    +      +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
```

```
  46 I  252    267    265    323    306    308    299    297    241    296    374    414
357   297    235    224    221    212    199    183
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  45 I  273    276    262    331    330    321    317    318    261    328    405    428
342   295    247    246    237    222    204    184
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  44 I  307    296    288    336    355    333    341    341    292    363    437    438
348   284    274    266    250    229    206    182
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  43 I  331    308    309    337    377    344    371    366    328    400    468    439
352   308    300    282    259    232    203    176
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  42 I  353    338    346    335    398    365    408    393    366    438    498    432
347   341    322    294    262    229    196    166
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  41 I  385    373    376    340    421    392    451    421    406    479    524    415
391   370    338    300    260    220    184    155
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  40 I  403    424    391    399    480    441    503    449    481    523    545    454
429   391    345    297    249    206    172    179
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  39 I  401    467    447    463    543    527    565    527    574    573    556    506
457   401    342    285    233    193    197    207
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  38 I  399    487    525    510    613    651    645    678    677    649    610    543
470   398    328    265    216    217    229    214
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  37 I  408    477    581    563    676    811    817    860    823    762    659    558
466   382    313    250    241    257    236    197
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  36 I  386    473    599    677    722   1082   1108   1080   1006    832    673    550
462   380    301    271    289    263    214    174
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  35 I  346    462    581    748    902   1506   1524   1469   1104    833    656    562
466   367    308    331    294    233    203    227
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  34 I  351    446    560    770   1090   1714   2021   1603   1073    800    679    576
453   358    384    330    253    247    262    296
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  33 I  380    506    656    915   1412   1600   1955   1532   1041    803    706    564
425   454    375    276    296    346    386    401
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  32 I  493    685    892   1278   1674   1617   1829   1376   1195    820    701    520
549   424    334    409    459    470    450    411
      I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
```

```
  31 I   484    644    854   1259   1881   1869   1649   1284   1306    877    661    682
485    491    553    556    517    457    393    329
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  30 I   417    599    764   1328   1878   1950   1719   1449   1336    904    883    633
685    665    591    505    423    347    281    268
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  29 I   368    539    685   1195   1696   1926   1366   1954   1461   1163    874    807
676    554    452    387    388    385    379    370
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  28 I   369    539    810   1127   1652   2230   2282   4490   2011   1135    827    637
596    575    556    537    516    502    488    474
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  27 I   389    674    953   1186   1602   2482   3912   6762   2143   1336    989    812
738    693    652    614    579    547    518    492
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  26 I   525    813    989   1151   1756   3232   4047   3973   2376   1499   1090    849
720    631    563    516    476    447    426    409
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  25 I   590    799    850    930   1789   2561   3790   4675   2020   1270    915    706
573    485    427    384    351    330    318    311
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  24 I   543    652    659    848   1517   2155   3748   3347   1556    972    770    627
522    441    378    322    278    242    216    203
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  23 I   440    481    468    684   1041   1598   1778   1550   1156    835    553    427
407    382    353    321    291    262    237    214
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  22 I   360    359    414    583    727   1130   1116   1054    866    654    544    398
322    273    256    256    249    238    224    209
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  21 I   290    291    415    497    649    805    807    776    676    546    460    394
311    250    231    205    176    179    181    178
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  20 I   231    314    369    393    584    603    636    611    529    482    362    349
307    251    200    193    178    159    138    131
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  19 I   249    295    309    371    499    461    526    508    417    405    356    288
279    246    208    171    162    153    141    127
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  18 I   243    256    262    361    426    393    447    441    378    352    331    266
239    227    203    176    149    135    132    124
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  17 I   215    214    244    338    359    342    388    389    346    302    292    264
199    201    189    170    150    130    114    114
     I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
```

```
 16 I  188    192    247    310    301    303    342    347    316    260    257    250
208    174    171    159    145    130    115    100
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
 15 I  164    174    243    281    255    272    306    312    290    246    233    228
208    162    152    147    136    124    113    102
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
 14 I  149    180    234    251    215    246    275    283    267    231    209    200
198    169    133    133    127    117    108     99
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
 13 I  130    182    221    224    188    223    249    257    245    217    186    182
183    169    136    120    118    111    102     94
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
 12 I  137    181    207    198    174    203    226    234    226    203    170    168
164    162    141    108    108    104     97     89
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
 11 I  141    176    191    174    160    184    205    213    207    189    161    155
144    151    140    116     97     97     92     85
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
 10 I  143    169    175    153    148    167    186    194    190    175    152    142
136    137    135    120     95     89     87     82
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
  9 I  142    161    159    134    137    152    168    176    174    162    143    129
129    123    127    119    101     81     81     78
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
  8 I  140    151    144    121    126    137    152    160    159    149    133    118
121    112    117    115    103     84     74     74
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
  7 I  136    141    129    115    117    127    137    144    144    137    123    107
112    107    106    109    103     88     70     69
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
  6 I  131    131    116    108    108    119    123    130    130    125    113     98
104    102     95    101    100     90     75     63
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
  5 I  125    121    104    102    100    112    111    117    118    113    103     91
 97     97     89     92     94     89     78     63
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
  4 I  118    111     93     96     95    105    103    105    106    102     97     89
 89     91     86     83     88     86     79     67
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
  3 I  111    102     85     90     91     98     96     94     95     92     92     86
 82     85     82     74     81     82     78     69
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
  2 I  104     93     82     85     86     93     90     84     85     85     87     82
 77     80     79     73     74     77     76     70
    I    +      +      +      +      +      +      +      +      +      +      +      +
 +      +      +      +      +      +      +      +
```

```
  1 I    97     85     78     80     82     87     85     75     76     80     82     79
72     75     75     70     66     71     72     69
    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 **  -2

 51 I   144    138    132    124    115    106     98     89     81     77     82
    I     +      +      +      +      +      +      +      +      +      +      +
 50 I   151    144    135    125    116    106     96     87     82     87     89
    I     +      +      +      +      +      +      +      +      +      +      +
 49 I   157    148    137    126    114    104     93     87     93     94     92
    I     +      +      +      +      +      +      +      +      +      +      +
 48 I   162    150    137    124    112    100     92     99    101     98     91
    I     +      +      +      +      +      +      +      +      +      +      +
 47 I   165    151    136    121    108     97    105    107    104     96     85
    I     +      +      +      +      +      +      +      +      +      +      +
 46 I   166    149    132    116    104    112    115    111    102     90     76
    I     +      +      +      +      +      +      +      +      +      +      +
 45 I   164    144    126    110    121    124    119    109     95     80     66
    I     +      +      +      +      +      +      +      +      +      +      +
 44 I   159    137    118    130    133    128    116    100     83     75     76
    I     +      +      +      +      +      +      +      +      +      +      +
 43 I   150    128    140    144    138    124    106     87     86     87     98
    I     +      +      +      +      +      +      +      +      +      +      +
 42 I   141    151    156    149    133    113     97     97    100    111    119
    I     +      +      +      +      +      +      +      +      +      +      +
 41 I   165    171    162    143    120    110    111    114    125    132    133
    I     +      +      +      +      +      +      +      +      +      +      +
 40 I   187    177    154    127    124    124    130    140    144    141    132
    I     +      +      +      +      +      +      +      +      +      +      +
 39 I   194    167    140    136    135    149    156    155    147    162    176
    I     +      +      +      +      +      +      +      +      +      +      +
 38 I   181    153    146    157    168    171    164    180    196    208    215
    I     +      +      +      +      +      +      +      +      +      +      +
 37 I   164    163    181    188    183    201    221    234    240    239    231
    I     +      +      +      +      +      +      +      +      +      +      +
 36 I   193    207    206    227    250    265    270    266    253    235    212
    I     +      +      +      +      +      +      +      +      +      +      +
 35 I   232    258    286    302    305    296    278    254    225    195    165
    I     +      +      +      +      +      +      +      +      +      +      +
 34 I   330    346    346    331    305    273    238    202    174    167    158
    I     +      +      +      +      +      +      +      +      +      +      +
 33 I   393    369    333    293    250    208    192    179    166    151    136
    I     +      +      +      +      +      +      +      +      +      +      +
 32 I   362    311    260    223    206    188    169    160    160    159    157
    I     +      +      +      +      +      +      +      +      +      +      +
 31 I   269    238    214    202    202    201    199    195    191    186    181
    I     +      +      +      +      +      +      +      +      +      +      +
 30 I   270    269    265    261    255    248    240    233    232    233    232
    I     +      +      +      +      +      +      +      +      +      +      +
 29 I   360    348    336    334    330    326    321    315    308    301    292
    I     +      +      +      +      +      +      +      +      +      +      +
 28 I   459    444    428    412    397    381    367    352    338    323    307
```

```
     I      +       +       +       +       +       +       +       +       +       +       +
 27  I    466     442     419     397     377     358     340     324     307     291     273
     I      +       +       +       +       +       +       +       +       +       +       +
 26  I    393     377     361     346     332     318     305     291     276     261     242
     I      +       +       +       +       +       +       +       +       +       +       +
 25  I    304     297     289     281     272     264     255     245     234     224     207
     I      +       +       +       +       +       +       +       +       +       +       +
 24  I    201     200     198     196     193     190     187     183     178     169     157
     I      +       +       +       +       +       +       +       +       +       +       +
 23  I    193     176     160     146     139     135     130     125     119     113     108
     I      +       +       +       +       +       +       +       +       +       +       +
 22  I    194     180     167     155     143     131     120     109      99      95      91
     I      +       +       +       +       +       +       +       +       +       +       +
 21  I    172     167     160     152     144     135     126     117     108     100      92
     I      +       +       +       +       +       +       +       +       +       +       +
 20  I    135     137     137     136     133     128     123     117     111     105      99
     I      +       +       +       +       +       +       +       +       +       +       +
 19  I    111     100     105     109     111     111     111     109     106     102      98
     I      +       +       +       +       +       +       +       +       +       +       +
 18  I    115     104      92      80      84      88      91      92      93      92      91
     I      +       +       +       +       +       +       +       +       +       +       +
 17  I    110     103      95      87      78      68      69      72      75      78      79
     I      +       +       +       +       +       +       +       +       +       +       +
 16  I     99      98      93      87      81      74      66      58      57      61      63
     I      +       +       +       +       +       +       +       +       +       +       +
 15  I     90      86      87      85      80      74      69      63      57      51      48
     I      +       +       +       +       +       +       +       +       +       +       +
 14  I     91      82      75      77      77      74      69      64      60      55      50
     I      +       +       +       +       +       +       +       +       +       +       +
 13  I     87      81      75      67      68      69      68      65      60      56      52
     I      +       +       +       +       +       +       +       +       +       +       +
 12  I     83      78      73      68      62      60      62      62      60      57      53
     I      +       +       +       +       +       +       +       +       +       +       +
 11  I     79      73      69      66      62      58      53      55      56      55      53
     I      +       +       +       +       +       +       +       +       +       +       +
 10  I     75      70      65      62      60      57      53      49      49      51      51
     I      +       +       +       +       +       +       +       +       +       +       +
  9  I     73      67      62      58      56      54      52      49      46      44      46
     I      +       +       +       +       +       +       +       +       +       +       +
  8  I     70      65      60      55      52      51      49      48      46      43      40
     I      +       +       +       +       +       +       +       +       +       +       +
  7  I     67      63      58      53      50      47      46      45      44      42      40
     I      +       +       +       +       +       +       +       +       +       +       +
  6  I     63      61      57      52      48      45      43      42      41      40      39
     I      +       +       +       +       +       +       +       +       +       +       +
  5  I     59      58      55      51      47      43      40      39      38      38      37
     I      +       +       +       +       +       +       +       +       +       +       +
  4  I     54      54      53      50      46      42      39      37      35      35      35
     I      +       +       +       +       +       +       +       +       +       +       +
  3  I     57      50      50      49      45      42      38      35      33      32      32
     I      +       +       +       +       +       +       +       +       +       +       +
  2  I     60      48      47      47      44      41      38      35      32      31      30
     I      +       +       +       +       +       +       +       +       +       +       +
  1  I     61      52      44      44      43      41      37      34      32      29      28
     I      +       +       +       +       +       +       +       +       +       +       +
     ----------------------------------------------------------------------------
           41      42      43      44      45      46      47      48      49      50      51
                                                                   TSP              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   1.5402E+01 (2009,193,2300)
      2   720.554 6057.763   2.7417E+00 (2009,178,2300)
      3   719.615 6057.709   4.0592E+00 (2009,142,2300)

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****
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****

  Species & Concentration/Deposition Information
                          Requested Species Number: 2
                                          Species: PM10
                      Layer of processed data: 1
     (>0=conc, -1=dry flux, -2=wet flux, -3=wet & dry flux)
                      Multiplicative scaling factor: 0.0000E+00
                          Additive scaling term: 0.0000E+00
                  Hourly background values used?: F

  Visibility Processing is NOT Selected

  Output options
                          Units requested for output: (ug/m**3)

  Averaging time(s) selected
        User-specified averaging time (hr:mm:ss):   0: 0: 0
                                  1-pd averages: F
                                  1-hr averages: F
                                  3-hr averages: F
                                 24-hr averages: T
                        User-specified averages: F
                        Length of run averages: T

  Output components selected
                                        Top-50:   T
                    Top-N values at each receptor: T
                Exceedance counts at each receptor: F
        Output selected information for debugging: F
                    Echo tables for selected days: F
                    Time-series for selected days: F
        Peak value Time-series for selected days: F

  Top "n" table control
          Number of "top" values at each receptor: 1
          Specific ranks of "top" values reported: 1

Plot file option
                                 Plot files created: T
                            Plot file format is DATA: .DAT

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****

  MAPSPEC: Species Mapping
    Number of species-levels in file :   3
    Number of species-levels processed: 4

    Input species-levels in file processed
    Input ID   Processing ID   Name
        1   1   TSP   1
        2   2   PM10   1
        3   3   PM2.5   1

    All processed species-levels available
                 Processing ID   Name
                      1   TSP   1
                      2   PM10   1
                      3   PM2.5   1
                      4   NO2   1

    Processed species-level associated with background
                 Processing ID   Name
                      2   PM10   1

       Visibility Species
                 Processing ID   Name
no2gas   4   NO2   1

   IDENTIFICATION OF PROCESSED MODEL FILE ----------

   CALPUFF   7.3.1   171016

   CALPUFF KIPT Construction Model, Rev B 20180706

   Averaging time for values reported from model:
        1   HOUR

   Number of averaging periods in file from model:
        8760

   Chemical species names for each layer in model:
   TSP   1
   PM10   1
   PM2.5   1

```
QA Information -- Internal Representation of Data

CONTENTS OF CONTROL FILE ------------------------
 METRUN                = 1
       (so times in model output file are used)
 isyr,ismo,isdy        = 2008 12 31
 ishr,ismin,issec      = 23 0 0
 ieyr,iemo,iedy        = 2009 12 31
 iehr,iemin,iesec      = 23 0 0
 nper                  = 8760

Data may be processed only within certain hours
     Hour 01 is processed for all averages
     Hour 02 is processed for all averages
     Hour 03 is processed for all averages
     Hour 04 is processed for all averages
     Hour 05 is processed for all averages
     Hour 06 is processed for all averages
     Hour 07 is processed for all averages
     Hour 08 is processed for all averages
     Hour 09 is processed for all averages
     Hour 10 is processed for all averages
     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          =PM10            1
 asplv                 =PM10            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
EEPMC,EEPMF,EEPMCBK = 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
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




    -------------------------------------------------------------------------
-------------------------------------------------------
        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


    -------------------------------------------------------------------------
-------------------------------------------------------
        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
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****
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                        PM10   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   3.2359E+01   720.000
6058.400
              2009 118   2300   (28, 25) G   2.2503E+01   720.000
6058.200
              2009 332   2300   (28, 28) G   2.2275E+01   720.000
6058.500
              2009   13   2300   (28, 28) G   2.2031E+01   720.000
6058.500
              2009 200   2300   (28, 27) G   2.0539E+01   720.000
6058.400
              2009 357   2300   (28, 28) G   2.0326E+01   720.000
6058.500
              2009 161   2300   (28, 27) G   2.0287E+01   720.000
6058.400
              2009 332   2300   (28, 26) G   1.9632E+01   720.000
6058.300
              2009 172   2300   (27, 26) G   1.9545E+01   719.900
6058.300
              2009   13   2300   (28, 26) G   1.9533E+01   720.000
6058.300
              2009 167   2300   (28, 27) G   1.8992E+01   720.000
6058.400
              2009 219   2300   (28, 27) G   1.8934E+01   720.000
6058.400
              2009 200   2300   (27, 26) G   1.8812E+01   719.900
6058.300
              2009 199   2300   (27, 26) G   1.8812E+01   719.900
6058.300
              2009 172   2300   (27, 25) G   1.8518E+01   719.900
6058.200
              2009 172   2300   (27, 24) G   1.8451E+01   719.900
6058.100
              2009 199   2300   (27, 25) G   1.8434E+01   719.900
6058.200
              2009 161   2300   (28, 25) G   1.8230E+01   720.000
6058.200
              2009 357   2300   (28, 26) G   1.8212E+01   720.000
6058.300
              2009   38   2300   (28, 28) G   1.7831E+01   720.000
6058.500
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2009 | 64 | 2300 | ( 27, | 27) | G | 1.7715E+01 | 719.900 |
| 6058.400 | | | | | | | |
| 2009 | 145 | 2300 | ( 27, | 27) | G | 1.7570E+01 | 719.900 |
| 6058.400 | | | | | | | |
| 2009 | 199 | 2300 | ( 27, | 24) | G | 1.7098E+01 | 719.900 |
| 6058.100 | | | | | | | |
| 2009 | 161 | 2300 | ( 27, | 25) | G | 1.7026E+01 | 719.900 |
| 6058.200 | | | | | | | |
| 2009 | 166 | 2300 | ( 27, | 27) | G | 1.7010E+01 | 719.900 |
| 6058.400 | | | | | | | |
| 2009 | 193 | 2300 | ( 27, | 25) | G | 1.6949E+01 | 719.900 |
| 6058.200 | | | | | | | |
| 2009 | 161 | 2300 | ( 27, | 24) | G | 1.6938E+01 | 719.900 |
| 6058.100 | | | | | | | |
| 2009 | 199 | 2300 | ( 28, | 24) | G | 1.6671E+01 | 720.000 |
| 6058.100 | | | | | | | |
| 2009 | 200 | 2300 | ( 28, | 25) | G | 1.6650E+01 | 720.000 |
| 6058.200 | | | | | | | |
| 2009 | 120 | 2300 | ( 27, | 27) | G | 1.6643E+01 | 719.900 |
| 6058.400 | | | | | | | |
| 2009 | 350 | 2300 | ( 28, | 26) | G | 1.6591E+01 | 720.000 |
| 6058.300 | | | | | | | |
| 2009 | 199 | 2300 | ( 28, | 27) | G | 1.6437E+01 | 720.000 |
| 6058.400 | | | | | | | |
| 2009 | 178 | 2300 | ( 27, | 26) | G | 1.6340E+01 | 719.900 |
| 6058.300 | | | | | | | |
| 2009 | 134 | 2300 | ( 27, | 25) | G | 1.6320E+01 | 719.900 |
| 6058.200 | | | | | | | |
| 2009 | 162 | 2300 | ( 28, | 27) | G | 1.6276E+01 | 720.000 |
| 6058.400 | | | | | | | |
| 2009 | 118 | 2300 | ( 27, | 26) | G | 1.6154E+01 | 719.900 |
| 6058.300 | | | | | | | |
| 2009 | 113 | 2300 | ( 27, | 26) | G | 1.6143E+01 | 719.900 |
| 6058.300 | | | | | | | |
| 2009 | 161 | 2300 | ( 27, | 26) | G | 1.6073E+01 | 719.900 |
| 6058.300 | | | | | | | |
| 2009 | 172 | 2300 | ( 28, | 27) | G | 1.6059E+01 | 720.000 |
| 6058.400 | | | | | | | |
| 2009 | 6 | 2300 | ( 28, | 28) | G | 1.6039E+01 | 720.000 |
| 6058.500 | | | | | | | |
| 2009 | 175 | 2300 | ( 28, | 27) | G | 1.5958E+01 | 720.000 |
| 6058.400 | | | | | | | |
| 2009 | 172 | 2300 | ( 28, | 24) | G | 1.5911E+01 | 720.000 |
| 6058.100 | | | | | | | |
| 2009 | 182 | 2300 | ( 27, | 25) | G | 1.5822E+01 | 719.900 |
| 6058.200 | | | | | | | |
| 2009 | 199 | 2300 | ( 28, | 25) | G | 1.5804E+01 | 720.000 |
| 6058.200 | | | | | | | |
| 2009 | 179 | 2300 | ( 27, | 25) | G | 1.5792E+01 | 719.900 |
| 6058.200 | | | | | | | |
| 2009 | 91 | 2300 | ( 28, | 28) | G | 1.5769E+01 | 720.000 |
| 6058.500 | | | | | | | |
| 2009 | 289 | 2300 | ( 28, | 26) | G | 1.5745E+01 | 720.000 |
| 6058.300 | | | | | | | |
| 2009 | 198 | 2300 | ( 27, | 25) | G | 1.5723E+01 | 719.900 |
| 6058.200 | | | | | | | |
| 2009 | 179 | 2300 | ( 27, | 26) | G | 1.5689E+01 | 719.900 |
| 6058.300 | | | | | | | |
| 2009 | 162 | 2300 | ( 28, | 25) | G | 1.5551E+01 | 720.000 |
| 6058.200 | | | | | | | |

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                                             CALPOST   Version 7.2.0
Level 150720
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                      PM10                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)

           2008  366    2300   ( 27,  27)  G      5.6859E+00      719.900
6058.400
           2008  366    2300   ( 28,  27)  G      5.6670E+00      720.000
6058.400
           2008  366    2300   ( 27,  26)  G      5.6530E+00      719.900
6058.300
           2008  366    2300   ( 28,  26)  G      5.5479E+00      720.000
6058.300
           2008  366    2300   ( 27,  25)  G      4.7399E+00      719.900
6058.200
           2008  366    2300   ( 28,  25)  G      3.9347E+00      720.000
6058.200
           2008  366    2300   ( 26,  26)  G      3.1015E+00      719.800
6058.300
           2008  366    2300   ( 28,  28)  G      3.0568E+00      720.000
6058.500
           2008  366    2300   ( 26,  27)  G      2.8910E+00      719.800
6058.400
           2008  366    2300   ( 27,  28)  G      2.5271E+00      719.900
6058.500
           2008  366    2300   ( 26,  28)  G      2.4803E+00      719.800
6058.500
           2008  366    2300   ( 27,  24)  G      2.4061E+00      719.900
6058.100
           2008  366    2300   ( 26,  25)  G      2.3965E+00      719.800
6058.200
           2008  366    2300   ( 26,  29)  G      2.1017E+00      719.800
6058.600
           2008  366    2300   ( 28,  24)  G      1.9821E+00      720.000
6058.100
           2008  366    2300   ( 29,  26)  G      1.8991E+00      720.100
6058.300
           2008  366    2300   ( 29,  27)  G      1.8598E+00      720.100
6058.400
           2008  366    2300   ( 26,  30)  G      1.7860E+00      719.800
6058.700
           2008  366    2300   ( 29,  25)  G      1.6621E+00      720.100
6058.200
           2008  366    2300   ( 27,  29)  G      1.6385E+00      719.900
6058.600
           2008  366    2300   ( 26,  31)  G      1.5454E+00      719.800
6058.800
```

2008	366	2300	(26, 32)	G	1.5432E+00	719.800	6058.900
2008	366	2300	(27, 30)	G	1.5389E+00	719.900	6058.700
2008	366	2300	(27, 31)	G	1.4737E+00	719.900	6058.800
2008	366	2300	(27, 32)	G	1.3972E+00	719.900	6058.900
2008	366	2300	(26, 33)	G	1.3506E+00	719.800	6059.000
2008	366	2300	(25, 31)	G	1.3305E+00	719.700	6058.800
2008	366	2300	(28, 29)	G	1.3093E+00	720.000	6058.600
2008	366	2300	(25, 32)	G	1.3032E+00	719.700	6058.900
2008	366	2300	(29, 28)	G	1.2455E+00	720.100	6058.500
2008	366	2300	(27, 33)	G	1.2097E+00	719.900	6059.000
2008	366	2300	(26, 24)	G	1.1872E+00	719.800	6058.100
2008	366	2300	(25, 30)	G	1.1796E+00	719.700	6058.700
2008	366	2300	(25, 33)	G	1.1230E+00	719.700	6059.000
2008	366	2300	(28, 30)	G	1.0898E+00	720.000	6058.700
2008	366	2300	(25, 27)	G	1.0877E+00	719.700	6058.400
2008	366	2300	(25, 28)	G	1.0586E+00	719.700	6058.500
2008	366	2300	(29, 24)	G	1.0302E+00	720.100	6058.100
2008	366	2300	(28, 31)	G	1.0219E+00	720.000	6058.800
2008	366	2300	(25, 26)	G	1.0207E+00	719.700	6058.300
2008	366	2300	(25, 29)	G	1.0150E+00	719.700	6058.600
2008	366	2300	(26, 34)	G	9.9674E-01	719.800	6059.100
2008	366	2300	(0, 1)	D	9.6036E-01	720.197	6058.289
2008	366	2300	(29, 29)	G	9.3525E-01	720.100	6058.600
2008	366	2300	(30, 26)	G	9.3280E-01	720.200	6058.300
2008	366	2300	(28, 32)	G	9.1949E-01	720.000	6058.900
2008	366	2300	(27, 34)	G	9.0427E-01	719.900	6059.100
2008	366	2300	(30, 27)	G	8.6229E-01	720.200	6058.400
2008	366	2300	(25, 34)	G	8.6053E-01	719.700	6059.100
2008	366	2300	(30, 25)	G	8.5366E-01	720.200	6058.200

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


                                                  PM10            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     1.0184E-01 (2009,153,2300)
   1,  2       717.300   6055.900     1.0035E-01 (2009,153,2300)
   1,  3       717.300   6056.000     9.8458E-02 (2009,153,2300)
   1,  4       717.300   6056.100     9.6164E-02 (2009,153,2300)
   1,  5       717.300   6056.200     9.3524E-02 (2009,153,2300)
   1,  6       717.300   6056.300     9.8857E-02 (2009,117,2300)
   1,  7       717.300   6056.400     1.1935E-01 (2009,117,2300)
   1,  8       717.300   6056.500     1.3766E-01 (2009,117,2300)
   1,  9       717.300   6056.600     1.5144E-01 (2009,117,2300)
   1, 10       717.300   6056.700     1.5880E-01 (2009,117,2300)
   1, 11       717.300   6056.800     1.5883E-01 (2009,117,2300)
   1, 12       717.300   6056.900     1.5192E-01 (2009,117,2300)
   1, 13       717.300   6057.000     1.3948E-01 (2009,117,2300)
   1, 14       717.300   6057.100     1.2359E-01 (2009,117,2300)
   1, 15       717.300   6057.200     1.0642E-01 (2009,117,2300)
   1, 16       717.300   6057.300     8.9746E-02 (2009,117,2300)
   1, 17       717.300   6057.400     9.8368E-02 (2009,123,2300)
   1, 18       717.300   6057.500     1.1905E-01 (2009,123,2300)
   1, 19       717.300   6057.600     1.4178E-01 (2009,123,2300)
   1, 20       717.300   6057.700     1.6519E-01 (2009,123,2300)
   1, 21       717.300   6057.800     1.8778E-01 (2009,123,2300)
   1, 22       717.300   6057.900     2.0794E-01 (2009,123,2300)
   1, 23       717.300   6058.000     2.2408E-01 (2009,123,2300)
   1, 24       717.300   6058.100     2.3518E-01 (2009,123,2300)
   1, 25       717.300   6058.200     2.4071E-01 (2009,123,2300)
   1, 26       717.300   6058.300     2.4069E-01 (2009,123,2300)
   1, 27       717.300   6058.400     2.3568E-01 (2009,123,2300)
   1, 28       717.300   6058.500     2.2659E-01 (2009,123,2300)
   1, 29       717.300   6058.600     2.1822E-01 (2009,138,2300)
   1, 30       717.300   6058.700     2.2355E-01 (2009,138,2300)
   1, 31       717.300   6058.800     2.2160E-01 (2009,138,2300)
   1, 32       717.300   6058.900     2.3425E-01 (2009,140,2300)
   1, 33       717.300   6059.000     2.5646E-01 (2009,140,2300)
   1, 34       717.300   6059.100     2.6742E-01 (2009,140,2300)
   1, 35       717.300   6059.200     2.4608E-01 (2009,140,2300)
   1, 36       717.300   6059.300     2.4574E-01 (2009,140,2300)
   1, 37       717.300   6059.400     2.3273E-01 (2009,140,2300)
   1, 38       717.300   6059.500     2.0819E-01 (2009,140,2300)
   1, 39       717.300   6059.600     1.8459E-01 (2009,152,2300)
   1, 40       717.300   6059.700     2.0778E-01 (2009,001,2300)
   1, 41       717.300   6059.800     2.3414E-01 (2009,001,2300)
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6,  9      717.800   6056.600   1.2916E-01 (2009,153,2300)
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17, 14      718.900   6057.100    6.4701E-01  (2009,155,2300)
17, 15      718.900   6057.200    6.8375E-01  (2009,220,2300)
17, 16      718.900   6057.300    7.5093E-01  (2009,220,2300)
17, 17      718.900   6057.400    8.1122E-01  (2009,220,2300)
17, 18      718.900   6057.500    8.5538E-01  (2009,220,2300)
17, 19      718.900   6057.600    8.7224E-01  (2009,220,2300)
17, 20      718.900   6057.700    8.5557E-01  (2009,220,2300)
17, 21      718.900   6057.800    8.0142E-01  (2009,220,2300)
17, 22      718.900   6057.900    7.1279E-01  (2009,220,2300)
17, 23      718.900   6058.000    5.9927E-01  (2009,220,2300)
17, 24      718.900   6058.100    6.4788E-01  (2009,123,2300)
17, 25      718.900   6058.200    7.4358E-01  (2009,123,2300)
17, 26      718.900   6058.300    7.7520E-01  (2009,123,2300)
17, 27      718.900   6058.400    7.3984E-01  (2009,123,2300)
17, 28      718.900   6058.500    7.4705E-01  (2009,138,2300)
17, 29      718.900   6058.600    7.2188E-01  (2009,138,2300)
17, 30      718.900   6058.700    7.1518E-01  (2009,140,2300)
17, 31      718.900   6058.800    8.7976E-01  (2009,140,2300)
17, 32      718.900   6058.900    1.0090E+00  (2009,140,2300)
17, 33      718.900   6059.000    9.2637E-01  (2009,140,2300)
17, 34      718.900   6059.100    6.9646E-01  (2009,140,2300)
17, 35      718.900   6059.200    7.2549E-01  (2009,136,2300)
17, 36      718.900   6059.300    7.6993E-01  (2009,136,2300)
17, 37      718.900   6059.400    8.0018E-01  (2009,153,2300)
17, 38      718.900   6059.500    8.8841E-01  (2009,007,2300)
17, 39      718.900   6059.600    9.4517E-01  (2009,007,2300)
17, 40      718.900   6059.700    1.0256E+00  (2009,035,2300)
17, 41      718.900   6059.800    1.1308E+00  (2009,035,2300)
17, 42      718.900   6059.900    1.1733E+00  (2009,035,2300)
17, 43      718.900   6060.000    1.1529E+00  (2009,035,2300)
17, 44      718.900   6060.100    1.0795E+00  (2009,035,2300)
17, 45      718.900   6060.200    1.0431E+00  (2009,297,2300)
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17, 47      718.900   6060.400    1.1526E+00  (2009,297,2300)
17, 48      718.900   6060.500    1.1490E+00  (2009,297,2300)
17, 49      718.900   6060.600    1.1507E+00  (2009,088,2300)
17, 50      718.900   6060.700    1.2152E+00  (2009,088,2300)
17, 51      718.900   6060.800    1.2332E+00  (2009,088,2300)
18,  1      719.000   6055.800    4.3778E-01  (2009,188,2300)
18,  2      719.000   6055.900    4.2957E-01  (2009,188,2300)
18,  3      719.000   6056.000    4.1657E-01  (2009,188,2300)
18,  4      719.000   6056.100    4.2874E-01  (2009,167,2300)
18,  5      719.000   6056.200    4.5955E-01  (2009,153,2300)
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18,  7      719.000   6056.400    5.2615E-01  (2009,153,2300)
18,  8      719.000   6056.500    5.5786E-01  (2009,153,2300)
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18, 12      719.000   6056.900    6.4831E-01  (2009,153,2300)
18, 13      719.000   6057.000    6.6702E-01  (2009,155,2300)
18, 14      719.000   6057.100    7.2367E-01  (2009,155,2300)
18, 15      719.000   6057.200    7.4029E-01  (2009,155,2300)
18, 16      719.000   6057.300    7.1473E-01  (2009,220,2300)
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18, 20      719.000   6057.700    1.0262E+00  (2009,220,2300)
18, 21      719.000   6057.800    1.0297E+00  (2009,220,2300)
18, 22      719.000   6057.900    9.8851E-01  (2009,220,2300)
18, 23      719.000   6058.000    9.0219E-01  (2009,220,2300)
18, 24      719.000   6058.100    7.6635E-01  (2009,220,2300)
18, 25      719.000   6058.200    8.2217E-01  (2009,123,2300)
18, 26      719.000   6058.300    8.7374E-01  (2009,123,2300)
18, 27      719.000   6058.400    8.3921E-01  (2009,123,2300)
18, 28      719.000   6058.500    8.4725E-01  (2009,138,2300)
18, 29      719.000   6058.600    8.0513E-01  (2009,138,2300)
18, 30      719.000   6058.700    8.3730E-01  (2009,140,2300)
18, 31      719.000   6058.800    1.0293E+00  (2009,140,2300)
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18, 36      719.000   6059.300    8.9033E-01  (2009,153,2300)
18, 37      719.000   6059.400    9.6763E-01  (2009,007,2300)
18, 38      719.000   6059.500    1.0210E+00  (2009,007,2300)
18, 39      719.000   6059.600    1.1582E+00  (2009,035,2300)
18, 40      719.000   6059.700    1.2677E+00  (2009,035,2300)
18, 41      719.000   6059.800    1.3027E+00  (2009,035,2300)
18, 42      719.000   6059.900    1.2615E+00  (2009,035,2300)
18, 43      719.000   6060.000    1.1583E+00  (2009,035,2300)
18, 44      719.000   6060.100    1.2361E+00  (2009,297,2300)
18, 45      719.000   6060.200    1.2843E+00  (2009,297,2300)
18, 46      719.000   6060.300    1.2859E+00  (2009,297,2300)
18, 47      719.000   6060.400    1.2551E+00  (2009,088,2300)
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18, 49      719.000   6060.600    1.3409E+00  (2009,088,2300)
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18, 51      719.000   6060.800    1.2133E+00  (2009,088,2300)
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19,  2      719.100   6055.900    5.1086E-01  (2009,188,2300)
19,  3      719.100   6056.000    5.1156E-01  (2009,188,2300)
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19,  6      719.100   6056.300    5.2590E-01  (2009,153,2300)
19,  7      719.100   6056.400    5.6652E-01  (2009,153,2300)
19,  8      719.100   6056.500    6.0660E-01  (2009,153,2300)
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19, 10      719.100   6056.700    6.7938E-01  (2009,153,2300)
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19, 12      719.100   6056.900    7.3732E-01  (2009,153,2300)
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19, 14      719.100   6057.100    7.7540E-01  (2009,153,2300)
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19, 19      719.100   6057.600    1.0195E+00  (2009,220,2300)
19, 20      719.100   6057.700    1.1414E+00  (2009,220,2300)
19, 21      719.100   6057.800    1.2329E+00  (2009,220,2300)
19, 22      719.100   6057.900    1.2868E+00  (2009,220,2300)
19, 23      719.100   6058.000    1.2899E+00  (2009,220,2300)
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19, 31        719.100    6058.800    1.2252E+00  (2009,140,2300)
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19, 36        719.100    6059.300    1.0601E+00  (2009,007,2300)
19, 37        719.100    6059.400    1.1437E+00  (2009,035,2300)
19, 38        719.100    6059.500    1.3254E+00  (2009,035,2300)
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19, 41        719.100    6059.800    1.3785E+00  (2009,035,2300)
19, 42        719.100    6059.900    1.3808E+00  (2009,297,2300)
19, 43        719.100    6060.000    1.4454E+00  (2009,297,2300)
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19, 46        719.100    6060.300    1.4572E+00  (2009,088,2300)
19, 47        719.100    6060.400    1.4669E+00  (2009,088,2300)
19, 48        719.100    6060.500    1.4139E+00  (2009,088,2300)
19, 49        719.100    6060.600    1.3048E+00  (2009,088,2300)
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19, 51        719.100    6060.800    1.0559E+00  (2009,362,2300)
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20,  2        719.200    6055.900    5.5849E-01  (2009,188,2300)
20,  3        719.200    6056.000    5.7698E-01  (2009,188,2300)
20,  4        719.200    6056.100    5.9115E-01  (2009,188,2300)
20,  5        719.200    6056.200    5.9939E-01  (2009,188,2300)
20,  6        719.200    6056.300    6.0100E-01  (2009,188,2300)
20,  7        719.200    6056.400    5.9915E-01  (2009,153,2300)
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20, 10        719.200    6056.700    7.3870E-01  (2009,153,2300)
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20, 13        719.200    6057.000    8.5728E-01  (2009,153,2300)
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20, 15        719.200    6057.200    9.1666E-01  (2009,153,2300)
20, 16        719.200    6057.300    9.3750E-01  (2009,153,2300)
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20, 18        719.200    6057.500    9.9004E-01  (2009,155,2300)
20, 19        719.200    6057.600    9.7829E-01  (2009,220,2300)
20, 20        719.200    6057.700    1.1682E+00  (2009,220,2300)
20, 21        719.200    6057.800    1.3591E+00  (2009,220,2300)
20, 22        719.200    6057.900    1.5497E+00  (2009,220,2300)
20, 23        719.200    6058.000    1.7166E+00  (2009,220,2300)
20, 24        719.200    6058.100    1.8101E+00  (2009,220,2300)
20, 25        719.200    6058.200    1.7079E+00  (2009,220,2300)
20, 26        719.200    6058.300    1.3454E+00  (2009,220,2300)
20, 27        719.200    6058.400    1.1832E+00  (2009,140,2300)
20, 28        719.200    6058.500    1.1333E+00  (2009,140,2300)
20, 29        719.200    6058.600    1.1266E+00  (2009,140,2300)
20, 30        719.200    6058.700    1.2813E+00  (2009,140,2300)
20, 31        719.200    6058.800    1.5087E+00  (2009,140,2300)
20, 32        719.200    6058.900    1.6003E+00  (2009,140,2300)
20, 33        719.200    6059.000    1.1256E+00  (2009,090,2300)
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20, 39      719.200   6059.600    1.6127E+00 (2009,035,2300)
20, 40      719.200   6059.700    1.5615E+00 (2009,297,2300)
20, 41      719.200   6059.800    1.6510E+00 (2009,297,2300)
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20, 43      719.200   6060.000    1.6106E+00 (2009,297,2300)
20, 44      719.200   6060.100    1.6175E+00 (2009,088,2300)
20, 45      719.200   6060.200    1.6131E+00 (2009,088,2300)
20, 46      719.200   6060.300    1.5368E+00 (2009,088,2300)
20, 47      719.200   6060.400    1.3993E+00 (2009,088,2300)
20, 48      719.200   6060.500    1.2214E+00 (2009,088,2300)
20, 49      719.200   6060.600    1.1910E+00 (2009,046,2300)
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21,  3      719.300   6056.000    5.9156E-01 (2009,188,2300)
21,  4      719.300   6056.100    6.2556E-01 (2009,188,2300)
21,  5      719.300   6056.200    6.5652E-01 (2009,188,2300)
21,  6      719.300   6056.300    6.8390E-01 (2009,188,2300)
21,  7      719.300   6056.400    7.0518E-01 (2009,188,2300)
21,  8      719.300   6056.500    7.1896E-01 (2009,188,2300)
21,  9      719.300   6056.600    7.2974E-01 (2009,153,2300)
21, 10      719.300   6056.700    7.8381E-01 (2009,153,2300)
21, 11      719.300   6056.800    8.3703E-01 (2009,153,2300)
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21, 13      719.300   6057.000    9.4164E-01 (2009,153,2300)
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21, 15      719.300   6057.200    1.0397E+00 (2009,153,2300)
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21, 17      719.300   6057.400    1.1279E+00 (2009,153,2300)
21, 18      719.300   6057.500    1.2009E+00 (2009,155,2300)
21, 19      719.300   6057.600    1.2075E+00 (2009,155,2300)
21, 20      719.300   6057.700    1.2055E+00 (2009,153,2300)
21, 21      719.300   6057.800    1.3604E+00 (2009,220,2300)
21, 22      719.300   6057.900    1.6713E+00 (2009,220,2300)
21, 23      719.300   6058.000    2.0202E+00 (2009,220,2300)
21, 24      719.300   6058.100    2.4476E+00 (2009,220,2300)
21, 25      719.300   6058.200    2.6162E+00 (2009,220,2300)
21, 26      719.300   6058.300    2.2640E+00 (2009,220,2300)
21, 27      719.300   6058.400    1.6047E+00 (2009,220,2300)
21, 28      719.300   6058.500    1.5688E+00 (2009,140,2300)
21, 29      719.300   6058.600    1.5432E+00 (2009,140,2300)
21, 30      719.300   6058.700    1.7026E+00 (2009,140,2300)
21, 31      719.300   6058.800    1.8919E+00 (2009,140,2300)
21, 32      719.300   6058.900    1.8060E+00 (2009,140,2300)
21, 33      719.300   6059.000    1.3656E+00 (2009,090,2300)
21, 34      719.300   6059.100    1.4374E+00 (2009,153,2300)
21, 35      719.300   6059.200    1.5881E+00 (2009,035,2300)
21, 36      719.300   6059.300    1.7825E+00 (2009,035,2300)
21, 37      719.300   6059.400    1.8508E+00 (2009,035,2300)
21, 38      719.300   6059.500    1.7882E+00 (2009,297,2300)
21, 39      719.300   6059.600    1.9128E+00 (2009,297,2300)
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21, 41      719.300   6059.800    1.8771E+00 (2009,297,2300)
21, 42      719.300   6059.900    1.8174E+00 (2009,088,2300)
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21, 47      719.300     6060.400    1.3490E+00  (2009,046,2300)
21, 48      719.300     6060.500    1.3542E+00  (2009,046,2300)
21, 49      719.300     6060.600    1.3205E+00  (2009,046,2300)
21, 50      719.300     6060.700    1.2522E+00  (2009,046,2300)
21, 51      719.300     6060.800    1.1585E+00  (2009,046,2300)
22,  1      719.400     6055.800    4.5764E-01  (2009,188,2300)
22,  2      719.400     6055.900    5.0033E-01  (2009,188,2300)
22,  3      719.400     6056.000    5.4605E-01  (2009,188,2300)
22,  4      719.400     6056.100    5.9392E-01  (2009,188,2300)
22,  5      719.400     6056.200    6.4339E-01  (2009,188,2300)
22,  6      719.400     6056.300    6.9395E-01  (2009,188,2300)
22,  7      719.400     6056.400    7.4340E-01  (2009,188,2300)
22,  8      719.400     6056.500    7.9116E-01  (2009,188,2300)
22,  9      719.400     6056.600    8.3484E-01  (2009,188,2300)
22, 10      719.400     6056.700    8.7110E-01  (2009,188,2300)
22, 11      719.400     6056.800    8.9764E-01  (2009,188,2300)
22, 12      719.400     6056.900    9.3530E-01  (2009,153,2300)
22, 13      719.400     6057.000    1.0009E+00  (2009,153,2300)
22, 14      719.400     6057.100    1.0686E+00  (2009,153,2300)
22, 15      719.400     6057.200    1.1391E+00  (2009,153,2300)
22, 16      719.400     6057.300    1.2116E+00  (2009,153,2300)
22, 17      719.400     6057.400    1.2885E+00  (2009,153,2300)
22, 18      719.400     6057.500    1.3683E+00  (2009,153,2300)
22, 19      719.400     6057.600    1.4649E+00  (2009,155,2300)
22, 20      719.400     6057.700    1.5251E+00  (2009,155,2300)
22, 21      719.400     6057.800    1.5778E+00  (2009,153,2300)
22, 22      719.400     6057.900    1.6286E+00  (2009,220,2300)
22, 23      719.400     6058.000    2.1547E+00  (2009,220,2300)
22, 24      719.400     6058.100    2.8856E+00  (2009,220,2300)
22, 25      719.400     6058.200    3.5023E+00  (2009,220,2300)
22, 26      719.400     6058.300    3.4766E+00  (2009,220,2300)
22, 27      719.400     6058.400    2.7361E+00  (2009,220,2300)
22, 28      719.400     6058.500    2.2675E+00  (2009,140,2300)
22, 29      719.400     6058.600    2.2134E+00  (2009,140,2300)
22, 30      719.400     6058.700    2.3402E+00  (2009,140,2300)
22, 31      719.400     6058.800    2.3238E+00  (2009,140,2300)
22, 32      719.400     6058.900    2.3706E+00  (2009,090,2300)
22, 33      719.400     6059.000    1.8192E+00  (2009,153,2300)
22, 34      719.400     6059.100    1.9100E+00  (2009,035,2300)
22, 35      719.400     6059.200    2.1037E+00  (2009,035,2300)
22, 36      719.400     6059.300    2.1120E+00  (2009,035,2300)
22, 37      719.400     6059.400    2.2500E+00  (2009,297,2300)
22, 38      719.400     6059.500    2.3051E+00  (2009,297,2300)
22, 39      719.400     6059.600    2.2334E+00  (2009,297,2300)
22, 40      719.400     6059.700    2.0724E+00  (2009,088,2300)
22, 41      719.400     6059.800    1.9896E+00  (2009,088,2300)
22, 42      719.400     6059.900    1.8184E+00  (2009,088,2300)
22, 43      719.400     6060.000    1.5826E+00  (2009,088,2300)
22, 44      719.400     6060.100    1.5124E+00  (2009,046,2300)
22, 45      719.400     6060.200    1.5213E+00  (2009,046,2300)
22, 46      719.400     6060.300    1.4824E+00  (2009,046,2300)
22, 47      719.400     6060.400    1.4041E+00  (2009,046,2300)
22, 48      719.400     6060.500    1.2949E+00  (2009,046,2300)
22, 49      719.400     6060.600    1.2018E+00  (2009,044,2300)
22, 50      719.400     6060.700    1.2344E+00  (2009,068,2300)
22, 51      719.400     6060.800    1.2746E+00  (2009,068,2300)
23,  1      719.500     6055.800    3.9416E-01  (2009,169,2300)
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23,  4      719.500    6056.100    5.0128E-01  (2009,188,2300)
23,  5      719.500    6056.200    5.5795E-01  (2009,188,2300)
23,  6      719.500    6056.300    6.2000E-01  (2009,188,2300)
23,  7      719.500    6056.400    6.8683E-01  (2009,188,2300)
23,  8      719.500    6056.500    7.5919E-01  (2009,188,2300)
23,  9      719.500    6056.600    8.3508E-01  (2009,188,2300)
23, 10      719.500    6056.700    9.1304E-01  (2009,188,2300)
23, 11      719.500    6056.800    9.9102E-01  (2009,188,2300)
23, 12      719.500    6056.900    1.0650E+00  (2009,188,2300)
23, 13      719.500    6057.000    1.1304E+00  (2009,188,2300)
23, 14      719.500    6057.100    1.1815E+00  (2009,188,2300)
23, 15      719.500    6057.200    1.2134E+00  (2009,188,2300)
23, 16      719.500    6057.300    1.2937E+00  (2009,153,2300)
23, 17      719.500    6057.400    1.4041E+00  (2009,153,2300)
23, 18      719.500    6057.500    1.5302E+00  (2009,153,2300)
23, 19      719.500    6057.600    1.6756E+00  (2009,153,2300)
23, 20      719.500    6057.700    1.8399E+00  (2009,141,2300)
23, 21      719.500    6057.800    2.0165E+00  (2009,155,2300)
23, 22      719.500    6057.900    2.1576E+00  (2009,153,2300)
23, 23      719.500    6058.000    2.2606E+00  (2009,153,2300)
23, 24      719.500    6058.100    2.8312E+00  (2009,220,2300)
23, 25      719.500    6058.200    3.6443E+00  (2009,220,2300)
23, 26      719.500    6058.300    4.1819E+00  (2009,220,2300)
23, 27      719.500    6058.400    3.8246E+00  (2009,220,2300)
23, 28      719.500    6058.500    3.0196E+00  (2009,167,2300)
23, 29      719.500    6058.600    3.1006E+00  (2009,167,2300)
23, 30      719.500    6058.700    2.8202E+00  (2009,153,2300)
23, 31      719.500    6058.800    2.8621E+00  (2009,090,2300)
23, 32      719.500    6058.900    2.9371E+00  (2009,090,2300)
23, 33      719.500    6059.000    2.3632E+00  (2009,153,2300)
23, 34      719.500    6059.100    2.4992E+00  (2009,035,2300)
23, 35      719.500    6059.200    2.7132E+00  (2009,297,2300)
23, 36      719.500    6059.300    2.7951E+00  (2009,297,2300)
23, 37      719.500    6059.400    2.7155E+00  (2009,297,2300)
23, 38      719.500    6059.500    2.4821E+00  (2009,297,2300)
23, 39      719.500    6059.600    2.2254E+00  (2009,088,2300)
23, 40      719.500    6059.700    1.9670E+00  (2009,088,2300)
23, 41      719.500    6059.800    1.7397E+00  (2009,046,2300)
23, 42      719.500    6059.900    1.7407E+00  (2009,046,2300)
23, 43      719.500    6060.000    1.6882E+00  (2009,046,2300)
23, 44      719.500    6060.100    1.5854E+00  (2009,046,2300)
23, 45      719.500    6060.200    1.4489E+00  (2009,046,2300)
23, 46      719.500    6060.300    1.4398E+00  (2009,068,2300)
23, 47      719.500    6060.400    1.4795E+00  (2009,068,2300)
23, 48      719.500    6060.500    1.5060E+00  (2009,068,2300)
23, 49      719.500    6060.600    1.5106E+00  (2009,068,2300)
23, 50      719.500    6060.700    1.4996E+00  (2009,068,2300)
23, 51      719.500    6060.800    1.4696E+00  (2009,068,2300)
24,  1      719.600    6055.800    4.0647E-01  (2009,169,2300)
24,  2      719.600    6055.900    4.3033E-01  (2009,169,2300)
24,  3      719.600    6056.000    4.5561E-01  (2009,169,2300)
24,  4      719.600    6056.100    4.8227E-01  (2009,169,2300)
24,  5      719.600    6056.200    5.1029E-01  (2009,169,2300)
24,  6      719.600    6056.300    5.5516E-01  (2009,175,2300)
24,  7      719.600    6056.400    6.1459E-01  (2009,175,2300)
24,  8      719.600    6056.500    6.7981E-01  (2009,175,2300)
24,  9      719.600    6056.600    7.5069E-01  (2009,175,2300)
24, 10      719.600    6056.700    8.2606E-01  (2009,175,2300)
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24, 13      719.600    6057.000    1.1635E+00  (2009,188,2300)
24, 14      719.600    6057.100    1.2985E+00  (2009,188,2300)
24, 15      719.600    6057.200    1.4407E+00  (2009,188,2300)
24, 16      719.600    6057.300    1.5741E+00  (2009,188,2300)
24, 17      719.600    6057.400    1.6982E+00  (2009,188,2300)
24, 18      719.600    6057.500    1.7879E+00  (2009,188,2300)
24, 19      719.600    6057.600    1.8620E+00  (2009,175,2300)
24, 20      719.600    6057.700    2.0743E+00  (2009,175,2300)
24, 21      719.600    6057.800    2.4923E+00  (2009,141,2300)
24, 22      719.600    6057.900    2.8391E+00  (2009,155,2300)
24, 23      719.600    6058.000    3.2735E+00  (2009,175,2300)
24, 24      719.600    6058.100    3.9222E+00  (2009,175,2300)
24, 25      719.600    6058.200    4.1372E+00  (2009,175,2300)
24, 26      719.600    6058.300    4.7216E+00  (2009,220,2300)
24, 27      719.600    6058.400    4.6726E+00  (2009,220,2300)
24, 28      719.600    6058.500    4.4413E+00  (2009,167,2300)
24, 29      719.600    6058.600    4.3944E+00  (2009,167,2300)
24, 30      719.600    6058.700    4.7055E+00  (2009,153,2300)
24, 31      719.600    6058.800    4.3893E+00  (2009,153,2300)
24, 32      719.600    6058.900    4.1019E+00  (2009,153,2300)
24, 33      719.600    6059.000    3.3928E+00  (2009,297,2300)
24, 34      719.600    6059.100    3.4897E+00  (2009,297,2300)
24, 35      719.600    6059.200    3.4125E+00  (2009,088,2300)
24, 36      719.600    6059.300    3.0864E+00  (2009,297,2300)
24, 37      719.600    6059.400    2.6128E+00  (2009,297,2300)
24, 38      719.600    6059.500    2.1527E+00  (2009,040,2300)
24, 39      719.600    6059.600    2.0366E+00  (2009,046,2300)
24, 40      719.600    6059.700    1.9430E+00  (2009,046,2300)
24, 41      719.600    6059.800    1.8020E+00  (2009,046,2300)
24, 42      719.600    6059.900    1.7743E+00  (2009,068,2300)
24, 43      719.600    6060.000    1.8020E+00  (2009,068,2300)
24, 44      719.600    6060.100    1.8130E+00  (2009,068,2300)
24, 45      719.600    6060.200    1.7984E+00  (2009,068,2300)
24, 46      719.600    6060.300    1.7696E+00  (2009,068,2300)
24, 47      719.600    6060.400    1.7158E+00  (2009,068,2300)
24, 48      719.600    6060.500    1.6516E+00  (2009,068,2300)
24, 49      719.600    6060.600    1.5695E+00  (2009,068,2300)
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25,  1      719.700    6055.800    4.2679E-01  (2009,118,2300)
25,  2      719.700    6055.900    4.6757E-01  (2009,118,2300)
25,  3      719.700    6056.000    5.1134E-01  (2009,118,2300)
25,  4      719.700    6056.100    5.5816E-01  (2009,118,2300)
25,  5      719.700    6056.200    6.0823E-01  (2009,118,2300)
25,  6      719.700    6056.300    6.6233E-01  (2009,118,2300)
25,  7      719.700    6056.400    7.1914E-01  (2009,118,2300)
25,  8      719.700    6056.500    7.7635E-01  (2009,118,2300)
25,  9      719.700    6056.600    8.3314E-01  (2009,118,2300)
25, 10      719.700    6056.700    8.9149E-01  (2009,118,2300)
25, 11      719.700    6056.800    9.4675E-01  (2009,118,2300)
25, 12      719.700    6056.900    1.0027E+00  (2009,118,2300)
25, 13      719.700    6057.000    1.0836E+00  (2009,175,2300)
25, 14      719.700    6057.100    1.1928E+00  (2009,175,2300)
25, 15      719.700    6057.200    1.3260E+00  (2009,188,2300)
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25, 17      719.700    6057.400    1.8485E+00  (2009,188,2300)
25, 18      719.700    6057.500    2.1742E+00  (2009,188,2300)
25, 19      719.700    6057.600    2.5236E+00  (2009,188,2300)
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25, 20        719.700    6057.700    2.9156E+00  (2009,188,2300)
25, 21        719.700    6057.800    3.1784E+00  (2009,188,2300)
25, 22        719.700    6057.900    3.5879E+00  (2009,141,2300)
25, 23        719.700    6058.000    4.7589E+00  (2009,175,2300)
25, 24        719.700    6058.100    6.5087E+00  (2009,175,2300)
25, 25        719.700    6058.200    7.1750E+00  (2009,175,2300)
25, 26        719.700    6058.300    6.9075E+00  (2009,175,2300)
25, 27        719.700    6058.400    6.5552E+00  (2009,167,2300)
25, 28        719.700    6058.500    6.0426E+00  (2009,167,2300)
25, 29        719.700    6058.600    5.8314E+00  (2009,153,2300)
25, 30        719.700    6058.700    6.3457E+00  (2009,153,2300)
25, 31        719.700    6058.800    6.2500E+00  (2009,153,2300)
25, 32        719.700    6058.900    5.4884E+00  (2009,153,2300)
25, 33        719.700    6059.000    4.5837E+00  (2009,124,2300)
25, 34        719.700    6059.100    4.0069E+00  (2009,088,2300)
25, 35        719.700    6059.200    3.6298E+00  (2009,319,2300)
25, 36        719.700    6059.300    3.0034E+00  (2009,319,2300)
25, 37        719.700    6059.400    2.4491E+00  (2009,068,2300)
25, 38        719.700    6059.500    2.3753E+00  (2009,068,2300)
25, 39        719.700    6059.600    2.3275E+00  (2009,068,2300)
25, 40        719.700    6059.700    2.2805E+00  (2009,068,2300)
25, 41        719.700    6059.800    2.2138E+00  (2009,068,2300)
25, 42        719.700    6059.900    2.1391E+00  (2009,068,2300)
25, 43        719.700    6060.000    2.0394E+00  (2009,068,2300)
25, 44        719.700    6060.100    1.9345E+00  (2009,068,2300)
25, 45        719.700    6060.200    1.8093E+00  (2009,068,2300)
25, 46        719.700    6060.300    1.6855E+00  (2009,068,2300)
25, 47        719.700    6060.400    1.5497E+00  (2009,068,2300)
25, 48        719.700    6060.500    1.5351E+00  (2009,029,2300)
25, 49        719.700    6060.600    1.5184E+00  (2009,029,2300)
25, 50        719.700    6060.700    1.4926E+00  (2009,029,2300)
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26,  2        719.800    6055.900    5.3823E-01  (2009,118,2300)
26,  3        719.800    6056.000    5.9155E-01  (2009,118,2300)
26,  4        719.800    6056.100    6.4875E-01  (2009,118,2300)
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26,  6        719.800    6056.300    7.7541E-01  (2009,118,2300)
26,  7        719.800    6056.400    8.4467E-01  (2009,118,2300)
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26,  9        719.800    6056.600    9.8901E-01  (2009,118,2300)
26, 10        719.800    6056.700    1.0631E+00  (2009,118,2300)
26, 11        719.800    6056.800    1.1381E+00  (2009,118,2300)
26, 12        719.800    6056.900    1.2137E+00  (2009,118,2300)
26, 13        719.800    6057.000    1.2896E+00  (2009,118,2300)
26, 14        719.800    6057.100    1.3707E+00  (2009,118,2300)
26, 15        719.800    6057.200    1.4615E+00  (2009,118,2300)
26, 16        719.800    6057.300    1.5677E+00  (2009,118,2300)
26, 17        719.800    6057.400    1.7005E+00  (2009,118,2300)
26, 18        719.800    6057.500    1.8766E+00  (2009,118,2300)
26, 19        719.800    6057.600    2.3289E+00  (2009,188,2300)
26, 20        719.800    6057.700    3.0942E+00  (2009,188,2300)
26, 21        719.800    6057.800    4.0950E+00  (2009,188,2300)
26, 22        719.800    6057.900    5.6786E+00  (2009,188,2300)
26, 23        719.800    6058.000    7.8887E+00  (2009,188,2300)
26, 24        719.800    6058.100    1.0277E+01  (2009,187,2300)
26, 25        719.800    6058.200    1.1082E+01  (2009,175,2300)
26, 26        719.800    6058.300    1.2851E+01  (2009,153,2300)
26, 27        719.800    6058.400    1.1901E+01  (2009,088,2300)
26, 28        719.800    6058.500    1.0057E+01  (2009,088,2300)
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26, 31      719.800   6058.800    6.3359E+00  (2009,167,2300)
26, 32      719.800   6058.900    5.4775E+00  (2009,167,2300)
26, 33      719.800   6059.000    5.1505E+00  (2009,289,2300)
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26, 36      719.800   6059.300    3.6518E+00  (2009,289,2300)
26, 37      719.800   6059.400    2.8089E+00  (2009,068,2300)
26, 38      719.800   6059.500    2.6093E+00  (2009,068,2300)
26, 39      719.800   6059.600    2.4113E+00  (2009,068,2300)
26, 40      719.800   6059.700    2.2294E+00  (2009,068,2300)
26, 41      719.800   6059.800    2.0403E+00  (2009,068,2300)
26, 42      719.800   6059.900    1.8940E+00  (2009,029,2300)
26, 43      719.800   6060.000    1.8493E+00  (2009,029,2300)
26, 44      719.800   6060.100    1.7989E+00  (2009,029,2300)
26, 45      719.800   6060.200    1.7423E+00  (2009,029,2300)
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26, 47      719.800   6060.400    1.6077E+00  (2009,029,2300)
26, 48      719.800   6060.500    1.5320E+00  (2009,029,2300)
26, 49      719.800   6060.600    1.4510E+00  (2009,029,2300)
26, 50      719.800   6060.700    1.3667E+00  (2009,029,2300)
26, 51      719.800   6060.800    1.2797E+00  (2009,029,2300)
27,  1      719.900   6055.800    5.4055E-01  (2009,118,2300)
27,  2      719.900   6055.900    5.9750E-01  (2009,118,2300)
27,  3      719.900   6056.000    6.5880E-01  (2009,118,2300)
27,  4      719.900   6056.100    7.2437E-01  (2009,118,2300)
27,  5      719.900   6056.200    7.9396E-01  (2009,118,2300)
27,  6      719.900   6056.300    8.6833E-01  (2009,118,2300)
27,  7      719.900   6056.400    9.4649E-01  (2009,118,2300)
27,  8      719.900   6056.500    1.0268E+00  (2009,118,2300)
27,  9      719.900   6056.600    1.1107E+00  (2009,118,2300)
27, 10      719.900   6056.700    1.1951E+00  (2009,118,2300)
27, 11      719.900   6056.800    1.2828E+00  (2009,118,2300)
27, 12      719.900   6056.900    1.3708E+00  (2009,118,2300)
27, 13      719.900   6057.000    1.4628E+00  (2009,118,2300)
27, 14      719.900   6057.100    1.5633E+00  (2009,118,2300)
27, 15      719.900   6057.200    1.6768E+00  (2009,118,2300)
27, 16      719.900   6057.300    1.8121E+00  (2009,118,2300)
27, 17      719.900   6057.400    1.9832E+00  (2009,118,2300)
27, 18      719.900   6057.500    2.2054E+00  (2009,118,2300)
27, 19      719.900   6057.600    2.5129E+00  (2009,118,2300)
27, 20      719.900   6057.700    3.0169E+00  (2009,162,2300)
27, 21      719.900   6057.800    3.9476E+00  (2009,162,2300)
27, 22      719.900   6057.900    5.4644E+00  (2009,162,2300)
27, 23      719.900   6058.000    8.7161E+00  (2009,161,2300)
27, 24      719.900   6058.100    1.8451E+01  (2009,172,2300)
27, 25      719.900   6058.200    1.8518E+01  (2009,172,2300)
27, 26      719.900   6058.300    1.9545E+01  (2009,172,2300)
27, 27      719.900   6058.400    1.7715E+01  (2009,064,2300)
27, 28      719.900   6058.500    1.1581E+01  (2009,068,2300)
27, 29      719.900   6058.600    6.9948E+00  (2009,068,2300)
27, 30      719.900   6058.700    5.2285E+00  (2009,226,2300)
27, 31      719.900   6058.800    5.1705E+00  (2009,121,2300)
27, 32      719.900   6058.900    5.7091E+00  (2009,166,2300)
27, 33      719.900   6059.000    6.0993E+00  (2009,064,2300)
27, 34      719.900   6059.100    6.3135E+00  (2009,064,2300)
27, 35      719.900   6059.200    4.9874E+00  (2009,289,2300)
27, 36      719.900   6059.300    3.8164E+00  (2009,289,2300)
27, 37      719.900   6059.400    2.9051E+00  (2009,289,2300)
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27, 38      719.900   6059.500    2.5693E+00 (2009,357,2300)
27, 39      719.900   6059.600    2.2974E+00 (2009,357,2300)
27, 40      719.900   6059.700    2.0808E+00 (2009,357,2300)
27, 41      719.900   6059.800    1.9366E+00 (2009,029,2300)
27, 42      719.900   6059.900    1.8218E+00 (2009,029,2300)
27, 43      719.900   6060.000    1.7104E+00 (2009,272,2300)
27, 44      719.900   6060.100    1.6201E+00 (2009,272,2300)
27, 45      719.900   6060.200    1.5372E+00 (2009,272,2300)
27, 46      719.900   6060.300    1.4613E+00 (2009,272,2300)
27, 47      719.900   6060.400    1.3908E+00 (2009,272,2300)
27, 48      719.900   6060.500    1.3257E+00 (2009,272,2300)
27, 49      719.900   6060.600    1.2641E+00 (2009,272,2300)
27, 50      719.900   6060.700    1.2059E+00 (2009,272,2300)
27, 51      719.900   6060.800    1.1506E+00 (2009,272,2300)
28,  1      720.000   6055.800    5.7651E-01 (2009,118,2300)
28,  2      720.000   6055.900    6.3835E-01 (2009,118,2300)
28,  3      720.000   6056.000    7.0455E-01 (2009,118,2300)
28,  4      720.000   6056.100    7.7523E-01 (2009,118,2300)
28,  5      720.000   6056.200    8.4991E-01 (2009,118,2300)
28,  6      720.000   6056.300    9.2781E-01 (2009,118,2300)
28,  7      720.000   6056.400    1.0096E+00 (2009,118,2300)
28,  8      720.000   6056.500    1.0936E+00 (2009,118,2300)
28,  9      720.000   6056.600    1.1789E+00 (2009,118,2300)
28, 10      720.000   6056.700    1.2662E+00 (2009,118,2300)
28, 11      720.000   6056.800    1.3542E+00 (2009,118,2300)
28, 12      720.000   6056.900    1.4439E+00 (2009,118,2300)
28, 13      720.000   6057.000    1.5382E+00 (2009,118,2300)
28, 14      720.000   6057.100    1.6395E+00 (2009,118,2300)
28, 15      720.000   6057.200    1.7528E+00 (2009,118,2300)
28, 16      720.000   6057.300    1.8855E+00 (2009,118,2300)
28, 17      720.000   6057.400    2.0506E+00 (2009,118,2300)
28, 18      720.000   6057.500    2.2552E+00 (2009,118,2300)
28, 19      720.000   6057.600    2.5358E+00 (2009,118,2300)
28, 20      720.000   6057.700    3.0454E+00 (2009,161,2300)
28, 21      720.000   6057.800    3.8720E+00 (2009,161,2300)
28, 22      720.000   6057.900    5.2640E+00 (2009,161,2300)
28, 23      720.000   6058.000    7.6583E+00 (2009,161,2300)
28, 24      720.000   6058.100    1.6671E+01 (2009,199,2300)
28, 25      720.000   6058.200    2.2503E+01 (2009,118,2300)
28, 26      720.000   6058.300    1.9632E+01 (2009,332,2300)
28, 27      720.000   6058.400    3.2359E+01 (2009,118,2300)
28, 28      720.000   6058.500    2.2275E+01 (2009,332,2300)
28, 29      720.000   6058.600    9.8862E+00 (2009,013,2300)
28, 30      720.000   6058.700    6.6908E+00 (2009,013,2300)
28, 31      720.000   6058.800    5.1048E+00 (2009,013,2300)
28, 32      720.000   6058.900    4.5090E+00 (2009,166,2300)
28, 33      720.000   6059.000    4.9720E+00 (2009,166,2300)
28, 34      720.000   6059.100    5.2015E+00 (2009,064,2300)
28, 35      720.000   6059.200    4.7881E+00 (2009,064,2300)
28, 36      720.000   6059.300    3.5735E+00 (2009,064,2300)
28, 37      720.000   6059.400    2.9182E+00 (2009,120,2300)
28, 38      720.000   6059.500    2.3312E+00 (2009,120,2300)
28, 39      720.000   6059.600    2.1163E+00 (2009,357,2300)
28, 40      720.000   6059.700    1.9912E+00 (2009,357,2300)
28, 41      720.000   6059.800    1.8643E+00 (2009,357,2300)
28, 42      720.000   6059.900    1.7465E+00 (2009,357,2300)
28, 43      720.000   6060.000    1.6311E+00 (2009,357,2300)
28, 44      720.000   6060.100    1.5273E+00 (2009,357,2300)
28, 45      720.000   6060.200    1.4274E+00 (2009,357,2300)
28, 46      720.000   6060.300    1.3387E+00 (2009,357,2300)
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28, 47      720.000   6060.400    1.2548E+00 (2009,357,2300)
28, 48      720.000   6060.500    1.1802E+00 (2009,357,2300)
28, 49      720.000   6060.600    1.1100E+00 (2009,357,2300)
28, 50      720.000   6060.700    1.0470E+00 (2009,357,2300)
28, 51      720.000   6060.800    9.8871E-01 (2009,357,2300)
29,  1      720.100   6055.800    5.9198E-01 (2009,118,2300)
29,  2      720.100   6055.900    6.5542E-01 (2009,118,2300)
29,  3      720.100   6056.000    7.2294E-01 (2009,118,2300)
29,  4      720.100   6056.100    7.9434E-01 (2009,118,2300)
29,  5      720.100   6056.200    8.6908E-01 (2009,118,2300)
29,  6      720.100   6056.300    9.4537E-01 (2009,118,2300)
29,  7      720.100   6056.400    1.0241E+00 (2009,118,2300)
29,  8      720.100   6056.500    1.1048E+00 (2009,118,2300)
29,  9      720.100   6056.600    1.1832E+00 (2009,118,2300)
29, 10      720.100   6056.700    1.2631E+00 (2009,118,2300)
29, 11      720.100   6056.800    1.3407E+00 (2009,118,2300)
29, 12      720.100   6056.900    1.4177E+00 (2009,118,2300)
29, 13      720.100   6057.000    1.4994E+00 (2009,118,2300)
29, 14      720.100   6057.100    1.5806E+00 (2009,118,2300)
29, 15      720.100   6057.200    1.6692E+00 (2009,118,2300)
29, 16      720.100   6057.300    1.7663E+00 (2009,118,2300)
29, 17      720.100   6057.400    1.8813E+00 (2009,118,2300)
29, 18      720.100   6057.500    2.0060E+00 (2009,118,2300)
29, 19      720.100   6057.600    2.1673E+00 (2009,118,2300)
29, 20      720.100   6057.700    2.6110E+00 (2009,172,2300)
29, 21      720.100   6057.800    3.3354E+00 (2009,172,2300)
29, 22      720.100   6057.900    4.3214E+00 (2009,200,2300)
29, 23      720.100   6058.000    5.7641E+00 (2009,199,2300)
29, 24      720.100   6058.100    7.7129E+00 (2009,198,2300)
29, 25      720.100   6058.200    1.0187E+01 (2009,193,2300)
29, 26      720.100   6058.300    1.1870E+01 (2009,193,2300)
29, 27      720.100   6058.400    1.0662E+01 (2009,193,2300)
29, 28      720.100   6058.500    9.9035E+00 (2009,062,2300)
29, 29      720.100   6058.600    7.3783E+00 (2009,336,2300)
29, 30      720.100   6058.700    6.7424E+00 (2009,350,2300)
29, 31      720.100   6058.800    6.7459E+00 (2009,013,2300)
29, 32      720.100   6058.900    6.1866E+00 (2009,013,2300)
29, 33      720.100   6059.000    5.3237E+00 (2009,013,2300)
29, 34      720.100   6059.100    4.5306E+00 (2009,013,2300)
29, 35      720.100   6059.200    3.8699E+00 (2009,013,2300)
29, 36      720.100   6059.300    3.4558E+00 (2009,064,2300)
29, 37      720.100   6059.400    2.9305E+00 (2009,013,2300)
29, 38      720.100   6059.500    2.5933E+00 (2009,013,2300)
29, 39      720.100   6059.600    2.3154E+00 (2009,013,2300)
29, 40      720.100   6059.700    2.0703E+00 (2009,013,2300)
29, 41      720.100   6059.800    1.8501E+00 (2009,013,2300)
29, 42      720.100   6059.900    1.6472E+00 (2009,013,2300)
29, 43      720.100   6060.000    1.4638E+00 (2009,013,2300)
29, 44      720.100   6060.100    1.2981E+00 (2009,013,2300)
29, 45      720.100   6060.200    1.1586E+00 (2009,357,2300)
29, 46      720.100   6060.300    1.1055E+00 (2009,357,2300)
29, 47      720.100   6060.400    1.0531E+00 (2009,357,2300)
29, 48      720.100   6060.500    1.0027E+00 (2009,357,2300)
29, 49      720.100   6060.600    9.5359E-01 (2009,357,2300)
29, 50      720.100   6060.700    9.0763E-01 (2009,357,2300)
29, 51      720.100   6060.800    8.6330E-01 (2009,357,2300)
30,  1      720.200   6055.800    5.8500E-01 (2009,118,2300)
30,  2      720.200   6055.900    6.4616E-01 (2009,118,2300)
30,  3      720.200   6056.000    7.1097E-01 (2009,118,2300)
30,  4      720.200   6056.100    7.7869E-01 (2009,118,2300)
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30,  5      720.200   6056.200     8.4810E-01 (2009,118,2300)
30,  6      720.200   6056.300     9.1720E-01 (2009,118,2300)
30,  7      720.200   6056.400     9.8708E-01 (2009,118,2300)
30,  8      720.200   6056.500     1.0569E+00 (2009,118,2300)
30,  9      720.200   6056.600     1.1229E+00 (2009,118,2300)
30, 10      720.200   6056.700     1.1857E+00 (2009,118,2300)
30, 11      720.200   6056.800     1.2450E+00 (2009,118,2300)
30, 12      720.200   6056.900     1.2989E+00 (2009,118,2300)
30, 13      720.200   6057.000     1.3540E+00 (2009,118,2300)
30, 14      720.200   6057.100     1.4027E+00 (2009,118,2300)
30, 15      720.200   6057.200     1.4497E+00 (2009,118,2300)
30, 16      720.200   6057.300     1.4927E+00 (2009,118,2300)
30, 17      720.200   6057.400     1.5364E+00 (2009,118,2300)
30, 18      720.200   6057.500     1.7427E+00 (2009,172,2300)
30, 19      720.200   6057.600     2.0230E+00 (2009,200,2300)
30, 20      720.200   6057.700     2.4194E+00 (2009,200,2300)
30, 21      720.200   6057.800     2.7245E+00 (2009,200,2300)
30, 22      720.200   6057.900     3.2846E+00 (2009,178,2300)
30, 23      720.200   6058.000     4.1921E+00 (2009,178,2300)
30, 24      720.200   6058.100     4.9237E+00 (2009,105,2300)
30, 25      720.200   6058.200     6.4260E+00 (2009,134,2300)
30, 26      720.200   6058.300     7.5718E+00 (2009,193,2300)
30, 27      720.200   6058.400     6.7014E+00 (2009,193,2300)
30, 28      720.200   6058.500     5.6841E+00 (2009,115,2300)
30, 29      720.200   6058.600     5.8694E+00 (2009,287,2300)
30, 30      720.200   6058.700     4.6394E+00 (2009,336,2300)
30, 31      720.200   6058.800     3.9370E+00 (2009,325,2300)
30, 32      720.200   6058.900     3.6868E+00 (2009,350,2300)
30, 33      720.200   6059.000     3.6513E+00 (2009,013,2300)
30, 34      720.200   6059.100     4.0277E+00 (2009,013,2300)
30, 35      720.200   6059.200     4.0597E+00 (2009,013,2300)
30, 36      720.200   6059.300     3.8712E+00 (2009,013,2300)
30, 37      720.200   6059.400     3.5862E+00 (2009,013,2300)
30, 38      720.200   6059.500     3.2576E+00 (2009,013,2300)
30, 39      720.200   6059.600     2.9530E+00 (2009,013,2300)
30, 40      720.200   6059.700     2.6612E+00 (2009,013,2300)
30, 41      720.200   6059.800     2.4039E+00 (2009,013,2300)
30, 42      720.200   6059.900     2.1662E+00 (2009,013,2300)
30, 43      720.200   6060.000     1.9500E+00 (2009,013,2300)
30, 44      720.200   6060.100     1.7499E+00 (2009,013,2300)
30, 45      720.200   6060.200     1.5678E+00 (2009,013,2300)
30, 46      720.200   6060.300     1.4012E+00 (2009,013,2300)
30, 47      720.200   6060.400     1.2528E+00 (2009,013,2300)
30, 48      720.200   6060.500     1.1198E+00 (2009,013,2300)
30, 49      720.200   6060.600     1.0041E+00 (2009,013,2300)
30, 50      720.200   6060.700     9.0141E-01 (2009,013,2300)
30, 51      720.200   6060.800     8.1187E-01 (2009,013,2300)
31,  1      720.300   6055.800     5.5585E-01 (2009,118,2300)
31,  2      720.300   6055.900     6.1143E-01 (2009,118,2300)
31,  3      720.300   6056.000     6.6994E-01 (2009,118,2300)
31,  4      720.300   6056.100     7.2962E-01 (2009,118,2300)
31,  5      720.300   6056.200     7.8904E-01 (2009,118,2300)
31,  6      720.300   6056.300     8.4708E-01 (2009,118,2300)
31,  7      720.300   6056.400     9.0338E-01 (2009,118,2300)
31,  8      720.300   6056.500     9.5701E-01 (2009,118,2300)
31,  9      720.300   6056.600     1.0063E+00 (2009,118,2300)
31, 10      720.300   6056.700     1.0480E+00 (2009,118,2300)
31, 11      720.300   6056.800     1.0834E+00 (2009,118,2300)
31, 12      720.300   6056.900     1.1118E+00 (2009,118,2300)
31, 13      720.300   6057.000     1.1341E+00 (2009,118,2300)
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31, 14       720.300   6057.100     1.1466E+00  (2009,118,2300)
31, 15       720.300   6057.200     1.1625E+00  (2009,172,2300)
31, 16       720.300   6057.300     1.2793E+00  (2009,172,2300)
31, 17       720.300   6057.400     1.4849E+00  (2009,200,2300)
31, 18       720.300   6057.500     1.6732E+00  (2009,200,2300)
31, 19       720.300   6057.600     1.7870E+00  (2009,200,2300)
31, 20       720.300   6057.700     1.8078E+00  (2009,200,2300)
31, 21       720.300   6057.800     2.3113E+00  (2009,178,2300)
31, 22       720.300   6057.900     2.7316E+00  (2009,178,2300)
31, 23       720.300   6058.000     2.7456E+00  (2009,178,2300)
31, 24       720.300   6058.100     3.9237E+00  (2009,105,2300)
31, 25       720.300   6058.200     4.6537E+00  (2009,134,2300)
31, 26       720.300   6058.300     5.5478E+00  (2009,193,2300)
31, 27       720.300   6058.400     4.9928E+00  (2009,193,2300)
31, 28       720.300   6058.500     4.1912E+00  (2009,115,2300)
31, 29       720.300   6058.600     4.3680E+00  (2009,115,2300)
31, 30       720.300   6058.700     4.4660E+00  (2009,287,2300)
31, 31       720.300   6058.800     3.4252E+00  (2009,336,2300)
31, 32       720.300   6058.900     3.1098E+00  (2009,336,2300)
31, 33       720.300   6059.000     3.0159E+00  (2009,166,2300)
31, 34       720.300   6059.100     2.7765E+00  (2009,166,2300)
31, 35       720.300   6059.200     2.6114E+00  (2009,064,2300)
31, 36       720.300   6059.300     2.5979E+00  (2009,064,2300)
31, 37       720.300   6059.400     2.7444E+00  (2009,013,2300)
31, 38       720.300   6059.500     2.9005E+00  (2009,013,2300)
31, 39       720.300   6059.600     2.9354E+00  (2009,013,2300)
31, 40       720.300   6059.700     2.8716E+00  (2009,013,2300)
31, 41       720.300   6059.800     2.7550E+00  (2009,013,2300)
31, 42       720.300   6059.900     2.5989E+00  (2009,013,2300)
31, 43       720.300   6060.000     2.4259E+00  (2009,013,2300)
31, 44       720.300   6060.100     2.2458E+00  (2009,013,2300)
31, 45       720.300   6060.200     2.0648E+00  (2009,013,2300)
31, 46       720.300   6060.300     1.8884E+00  (2009,013,2300)
31, 47       720.300   6060.400     1.7198E+00  (2009,013,2300)
31, 48       720.300   6060.500     1.5596E+00  (2009,013,2300)
31, 49       720.300   6060.600     1.4115E+00  (2009,013,2300)
31, 50       720.300   6060.700     1.2734E+00  (2009,013,2300)
31, 51       720.300   6060.800     1.1485E+00  (2009,013,2300)
32,  1       720.400   6055.800     5.0765E-01  (2009,118,2300)
32,  2       720.400   6055.900     5.5557E-01  (2009,118,2300)
32,  3       720.400   6056.000     6.0453E-01  (2009,118,2300)
32,  4       720.400   6056.100     6.5349E-01  (2009,118,2300)
32,  5       720.400   6056.200     7.0020E-01  (2009,118,2300)
32,  6       720.400   6056.300     7.4482E-01  (2009,118,2300)
32,  7       720.400   6056.400     7.8548E-01  (2009,118,2300)
32,  8       720.400   6056.500     8.2101E-01  (2009,118,2300)
32,  9       720.400   6056.600     8.5099E-01  (2009,118,2300)
32, 10       720.400   6056.700     8.7194E-01  (2009,118,2300)
32, 11       720.400   6056.800     8.8497E-01  (2009,118,2300)
32, 12       720.400   6056.900     8.8919E-01  (2009,118,2300)
32, 13       720.400   6057.000     9.1096E-01  (2009,172,2300)
32, 14       720.400   6057.100     1.0317E+00  (2009,200,2300)
32, 15       720.400   6057.200     1.1667E+00  (2009,200,2300)
32, 16       720.400   6057.300     1.2766E+00  (2009,200,2300)
32, 17       720.400   6057.400     1.3403E+00  (2009,200,2300)
32, 18       720.400   6057.500     1.3400E+00  (2009,200,2300)
32, 19       720.400   6057.600     1.4536E+00  (2009,178,2300)
32, 20       720.400   6057.700     1.7581E+00  (2009,178,2300)
32, 21       720.400   6057.800     1.9822E+00  (2009,178,2300)
32, 22       720.400   6057.900     1.9900E+00  (2009,178,2300)
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32, 23      720.400   6058.000    2.1860E+00  (2009,105,2300)
32, 24      720.400   6058.100    3.2136E+00  (2009,105,2300)
32, 25      720.400   6058.200    3.6079E+00  (2009,134,2300)
32, 26      720.400   6058.300    4.3526E+00  (2009,193,2300)
32, 27      720.400   6058.400    4.1239E+00  (2009,193,2300)
32, 28      720.400   6058.500    3.1997E+00  (2009,182,2300)
32, 29      720.400   6058.600    4.0868E+00  (2009,115,2300)
32, 30      720.400   6058.700    3.2492E+00  (2009,268,2300)
32, 31      720.400   6058.800    3.4474E+00  (2009,287,2300)
32, 32      720.400   6058.900    2.7193E+00  (2009,336,2300)
32, 33      720.400   6059.000    2.5151E+00  (2009,166,2300)
32, 34      720.400   6059.100    2.5160E+00  (2009,166,2300)
32, 35      720.400   6059.200    2.3934E+00  (2009,166,2300)
32, 36      720.400   6059.300    2.2640E+00  (2009,064,2300)
32, 37      720.400   6059.400    2.2373E+00  (2009,064,2300)
32, 38      720.400   6059.500    2.1389E+00  (2009,064,2300)
32, 39      720.400   6059.600    2.0233E+00  (2009,057,2300)
32, 40      720.400   6059.700    2.0390E+00  (2009,057,2300)
32, 41      720.400   6059.800    2.1953E+00  (2009,013,2300)
32, 42      720.400   6059.900    2.2987E+00  (2009,013,2300)
32, 43      720.400   6060.000    2.3348E+00  (2009,013,2300)
32, 44      720.400   6060.100    2.3201E+00  (2009,013,2300)
32, 45      720.400   6060.200    2.2624E+00  (2009,013,2300)
32, 46      720.400   6060.300    2.1773E+00  (2009,013,2300)
32, 47      720.400   6060.400    2.0710E+00  (2009,013,2300)
32, 48      720.400   6060.500    1.9514E+00  (2009,013,2300)
32, 49      720.400   6060.600    1.8249E+00  (2009,013,2300)
32, 50      720.400   6060.700    1.6932E+00  (2009,013,2300)
32, 51      720.400   6060.800    1.5631E+00  (2009,013,2300)
33,  1      720.500   6055.800    4.4642E-01  (2009,118,2300)
33,  2      720.500   6055.900    4.8488E-01  (2009,118,2300)
33,  3      720.500   6056.000    5.2295E-01  (2009,118,2300)
33,  4      720.500   6056.100    5.5945E-01  (2009,118,2300)
33,  5      720.500   6056.200    5.9354E-01  (2009,118,2300)
33,  6      720.500   6056.300    6.2346E-01  (2009,118,2300)
33,  7      720.500   6056.400    6.4909E-01  (2009,118,2300)
33,  8      720.500   6056.500    6.6807E-01  (2009,118,2300)
33,  9      720.500   6056.600    6.8022E-01  (2009,118,2300)
33, 10      720.500   6056.700    6.8831E-01  (2009,172,2300)
33, 11      720.500   6056.800    7.5315E-01  (2009,200,2300)
33, 12      720.500   6056.900    8.5196E-01  (2009,200,2300)
33, 13      720.500   6057.000    9.4672E-01  (2009,200,2300)
33, 14      720.500   6057.100    1.0206E+00  (2009,200,2300)
33, 15      720.500   6057.200    1.0639E+00  (2009,200,2300)
33, 16      720.500   6057.300    1.0592E+00  (2009,200,2300)
33, 17      720.500   6057.400    1.0094E+00  (2009,178,2300)
33, 18      720.500   6057.500    1.2074E+00  (2009,178,2300)
33, 19      720.500   6057.600    1.4036E+00  (2009,178,2300)
33, 20      720.500   6057.700    1.5427E+00  (2009,178,2300)
33, 21      720.500   6057.800    1.5575E+00  (2009,178,2300)
33, 22      720.500   6057.900    1.5862E+00  (2009,238,2300)
33, 23      720.500   6058.000    2.0932E+00  (2009,105,2300)
33, 24      720.500   6058.100    2.6835E+00  (2009,105,2300)
33, 25      720.500   6058.200    2.9398E+00  (2009,134,2300)
33, 26      720.500   6058.300    3.7074E+00  (2009,193,2300)
33, 27      720.500   6058.400    3.7716E+00  (2009,193,2300)
33, 28      720.500   6058.500    3.0180E+00  (2009,182,2300)
33, 29      720.500   6058.600    3.4541E+00  (2009,115,2300)
33, 30      720.500   6058.700    3.4493E+00  (2009,115,2300)
33, 31      720.500   6058.800    2.4876E+00  (2009,268,2300)
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33, 32      720.500   6058.900    2.7734E+00  (2009,287,2300)
33, 33      720.500   6059.000    2.2378E+00  (2009,336,2300)
33, 34      720.500   6059.100    2.0452E+00  (2009,336,2300)
33, 35      720.500   6059.200    2.0787E+00  (2009,166,2300)
33, 36      720.500   6059.300    2.0294E+00  (2009,166,2300)
33, 37      720.500   6059.400    1.9656E+00  (2009,064,2300)
33, 38      720.500   6059.500    1.9387E+00  (2009,064,2300)
33, 39      720.500   6059.600    1.8596E+00  (2009,064,2300)
33, 40      720.500   6059.700    1.7295E+00  (2009,064,2300)
33, 41      720.500   6059.800    1.6255E+00  (2009,057,2300)
33, 42      720.500   6059.900    1.6920E+00  (2009,057,2300)
33, 43      720.500   6060.000    1.7101E+00  (2009,057,2300)
33, 44      720.500   6060.100    1.7113E+00  (2009,013,2300)
33, 45      720.500   6060.200    1.8294E+00  (2009,013,2300)
33, 46      720.500   6060.300    1.9097E+00  (2009,013,2300)
33, 47      720.500   6060.400    1.9477E+00  (2009,013,2300)
33, 48      720.500   6060.500    1.9533E+00  (2009,013,2300)
33, 49      720.500   6060.600    1.9290E+00  (2009,013,2300)
33, 50      720.500   6060.700    1.8798E+00  (2009,013,2300)
33, 51      720.500   6060.800    1.8128E+00  (2009,013,2300)
34,  1      720.600   6055.800    4.0531E-01  (2009,204,2300)
34,  2      720.600   6055.900    4.1852E-01  (2009,172,2300)
34,  3      720.600   6056.000    4.4502E-01  (2009,172,2300)
34,  4      720.600   6056.100    4.7169E-01  (2009,172,2300)
34,  5      720.600   6056.200    4.9760E-01  (2009,172,2300)
34,  6      720.600   6056.300    5.2233E-01  (2009,172,2300)
34,  7      720.600   6056.400    5.4461E-01  (2009,172,2300)
34,  8      720.600   6056.500    5.7061E-01  (2009,200,2300)
34,  9      720.600   6056.600    6.4427E-01  (2009,200,2300)
34, 10      720.600   6056.700    7.1811E-01  (2009,200,2300)
34, 11      720.600   6056.800    7.8611E-01  (2009,200,2300)
34, 12      720.600   6056.900    8.3900E-01  (2009,200,2300)
34, 13      720.600   6057.000    8.7005E-01  (2009,200,2300)
34, 14      720.600   6057.100    8.6624E-01  (2009,200,2300)
34, 15      720.600   6057.200    8.2269E-01  (2009,200,2300)
34, 16      720.600   6057.300    8.8342E-01  (2009,178,2300)
34, 17      720.600   6057.400    1.0190E+00  (2009,178,2300)
34, 18      720.600   6057.500    1.1450E+00  (2009,178,2300)
34, 19      720.600   6057.600    1.2403E+00  (2009,178,2300)
34, 20      720.600   6057.700    1.2616E+00  (2009,178,2300)
34, 21      720.600   6057.800    1.2302E+00  (2009,238,2300)
34, 22      720.600   6057.900    1.3439E+00  (2009,201,2300)
34, 23      720.600   6058.000    1.9774E+00  (2009,105,2300)
34, 24      720.600   6058.100    2.2755E+00  (2009,105,2300)
34, 25      720.600   6058.200    2.4973E+00  (2009,134,2300)
34, 26      720.600   6058.300    3.2643E+00  (2009,193,2300)
34, 27      720.600   6058.400    3.5606E+00  (2009,193,2300)
34, 28      720.600   6058.500    2.9269E+00  (2009,182,2300)
34, 29      720.600   6058.600    2.8538E+00  (2009,115,2300)
34, 30      720.600   6058.700    3.3950E+00  (2009,115,2300)
34, 31      720.600   6058.800    2.4405E+00  (2009,115,2300)
34, 32      720.600   6058.900    2.1677E+00  (2009,287,2300)
34, 33      720.600   6059.000    2.2876E+00  (2009,287,2300)
34, 34      720.600   6059.100    1.9020E+00  (2009,336,2300)
34, 35      720.600   6059.200    1.7300E+00  (2009,336,2300)
34, 36      720.600   6059.300    1.7248E+00  (2009,166,2300)
34, 37      720.600   6059.400    1.7187E+00  (2009,166,2300)
34, 38      720.600   6059.500    1.7082E+00  (2009,064,2300)
34, 39      720.600   6059.600    1.6921E+00  (2009,064,2300)
34, 40      720.600   6059.700    1.6299E+00  (2009,064,2300)
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34,  41     720.600     6059.800     1.5297E+00  (2009,064,2300)
34,  42     720.600     6059.900     1.4035E+00  (2009,064,2300)
34,  43     720.600     6060.000     1.3119E+00  (2009,057,2300)
34,  44     720.600     6060.100     1.3935E+00  (2009,057,2300)
34,  45     720.600     6060.200     1.4392E+00  (2009,057,2300)
34,  46     720.600     6060.300     1.4473E+00  (2009,057,2300)
34,  47     720.600     6060.400     1.4213E+00  (2009,057,2300)
34,  48     720.600     6060.500     1.4838E+00  (2009,013,2300)
34,  49     720.600     6060.600     1.5761E+00  (2009,013,2300)
34,  50     720.600     6060.700     1.6417E+00  (2009,013,2300)
34,  51     720.600     6060.800     1.6802E+00  (2009,013,2300)
35,   1     720.700     6055.800     3.9066E-01  (2009,172,2300)
35,   2     720.700     6055.900     4.0847E-01  (2009,172,2300)
35,   3     720.700     6056.000     4.2533E-01  (2009,172,2300)
35,   4     720.700     6056.100     4.4093E-01  (2009,172,2300)
35,   5     720.700     6056.200     4.5423E-01  (2009,172,2300)
35,   6     720.700     6056.300     5.0259E-01  (2009,200,2300)
35,   7     720.700     6056.400     5.6061E-01  (2009,200,2300)
35,   8     720.700     6056.500     6.1746E-01  (2009,200,2300)
35,   9     720.700     6056.600     6.6786E-01  (2009,200,2300)
35,  10     720.700     6056.700     7.0678E-01  (2009,200,2300)
35,  11     720.700     6056.800     7.2902E-01  (2009,200,2300)
35,  12     720.700     6056.900     7.2656E-01  (2009,200,2300)
35,  13     720.700     6057.000     6.9602E-01  (2009,200,2300)
35,  14     720.700     6057.100     7.1156E-01  (2009,154,2300)
35,  15     720.700     6057.200     7.7430E-01  (2009,178,2300)
35,  16     720.700     6057.300     8.6466E-01  (2009,178,2300)
35,  17     720.700     6057.400     9.5184E-01  (2009,178,2300)
35,  18     720.700     6057.500     1.0237E+00  (2009,178,2300)
35,  19     720.700     6057.600     1.0501E+00  (2009,178,2300)
35,  20     720.700     6057.700     1.0011E+00  (2009,178,2300)
35,  21     720.700     6057.800     1.1375E+00  (2009,201,2300)
35,  22     720.700     6057.900     1.3256E+00  (2009,105,2300)
35,  23     720.700     6058.000     1.8351E+00  (2009,105,2300)
35,  24     720.700     6058.100     1.9571E+00  (2009,105,2300)
35,  25     720.700     6058.200     2.2075E+00  (2009,134,2300)
35,  26     720.700     6058.300     2.9189E+00  (2009,193,2300)
35,  27     720.700     6058.400     3.3652E+00  (2009,193,2300)
35,  28     720.700     6058.500     2.8464E+00  (2009,182,2300)
35,  29     720.700     6058.600     2.3447E+00  (2009,115,2300)
35,  30     720.700     6058.700     3.0451E+00  (2009,115,2300)
35,  31     720.700     6058.800     2.8049E+00  (2009,115,2300)
35,  32     720.700     6058.900     1.7408E+00  (2009,268,2300)
35,  33     720.700     6059.000     1.9158E+00  (2009,287,2300)
35,  34     720.700     6059.100     1.9357E+00  (2009,287,2300)
35,  35     720.700     6059.200     1.6452E+00  (2009,336,2300)
35,  36     720.700     6059.300     1.4935E+00  (2009,336,2300)
35,  37     720.700     6059.400     1.4411E+00  (2009,166,2300)
35,  38     720.700     6059.500     1.4634E+00  (2009,166,2300)
35,  39     720.700     6059.600     1.4924E+00  (2009,064,2300)
35,  40     720.700     6059.700     1.4851E+00  (2009,064,2300)
35,  41     720.700     6059.800     1.4386E+00  (2009,064,2300)
35,  42     720.700     6059.900     1.3615E+00  (2009,064,2300)
35,  43     720.700     6060.000     1.2625E+00  (2009,064,2300)
35,  44     720.700     6060.100     1.1521E+00  (2009,064,2300)
35,  45     720.700     6060.200     1.0709E+00  (2009,057,2300)
35,  46     720.700     6060.300     1.1509E+00  (2009,057,2300)
35,  47     720.700     6060.400     1.2051E+00  (2009,057,2300)
35,  48     720.700     6060.500     1.2341E+00  (2009,057,2300)
35,  49     720.700     6060.600     1.2371E+00  (2009,057,2300)
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35, 50     720.700   6060.700    1.2180E+00 (2009,057,2300)
35, 51     720.700   6060.800    1.2216E+00 (2009,013,2300)
36,  1     720.800   6055.800    3.6310E-01 (2009,172,2300)
36,  2     720.800   6055.900    3.7229E-01 (2009,172,2300)
36,  3     720.800   6056.000    3.9923E-01 (2009,200,2300)
36,  4     720.800   6056.100    4.4543E-01 (2009,200,2300)
36,  5     720.800   6056.200    4.9219E-01 (2009,200,2300)
36,  6     720.800   6056.300    5.3726E-01 (2009,200,2300)
36,  7     720.800   6056.400    5.7666E-01 (2009,200,2300)
36,  8     720.800   6056.500    6.0721E-01 (2009,200,2300)
36,  9     720.800   6056.600    6.2391E-01 (2009,200,2300)
36, 10     720.800   6056.700    6.2242E-01 (2009,200,2300)
36, 11     720.800   6056.800    6.0013E-01 (2009,200,2300)
36, 12     720.800   6056.900    6.1936E-01 (2009,154,2300)
36, 13     720.800   6057.000    6.5970E-01 (2009,154,2300)
36, 14     720.800   6057.100    6.9359E-01 (2009,154,2300)
36, 15     720.800   6057.200    7.4258E-01 (2009,178,2300)
36, 16     720.800   6057.300    8.0424E-01 (2009,178,2300)
36, 17     720.800   6057.400    8.5791E-01 (2009,178,2300)
36, 18     720.800   6057.500    8.8879E-01 (2009,178,2300)
36, 19     720.800   6057.600    8.6648E-01 (2009,178,2300)
36, 20     720.800   6057.700    9.5370E-01 (2009,201,2300)
36, 21     720.800   6057.800    1.0111E+00 (2009,201,2300)
36, 22     720.800   6057.900    1.3342E+00 (2009,105,2300)
36, 23     720.800   6058.000    1.6748E+00 (2009,105,2300)
36, 24     720.800   6058.100    1.6697E+00 (2009,105,2300)
36, 25     720.800   6058.200    1.9883E+00 (2009,134,2300)
36, 26     720.800   6058.300    2.6609E+00 (2009,134,2300)
36, 27     720.800   6058.400    3.1803E+00 (2009,193,2300)
36, 28     720.800   6058.500    2.7578E+00 (2009,182,2300)
36, 29     720.800   6058.600    1.9519E+00 (2009,182,2300)
36, 30     720.800   6058.700    2.6209E+00 (2009,115,2300)
36, 31     720.800   6058.800    2.8554E+00 (2009,115,2300)
36, 32     720.800   6058.900    2.0433E+00 (2009,115,2300)
36, 33     720.800   6059.000    1.4237E+00 (2009,287,2300)
36, 34     720.800   6059.100    1.6879E+00 (2009,287,2300)
36, 35     720.800   6059.200    1.6642E+00 (2009,287,2300)
36, 36     720.800   6059.300    1.4486E+00 (2009,336,2300)
36, 37     720.800   6059.400    1.3107E+00 (2009,336,2300)
36, 38     720.800   6059.500    1.2206E+00 (2009,166,2300)
36, 39     720.800   6059.600    1.2791E+00 (2009,064,2300)
36, 40     720.800   6059.700    1.3136E+00 (2009,064,2300)
36, 41     720.800   6059.800    1.3115E+00 (2009,064,2300)
36, 42     720.800   6059.900    1.2780E+00 (2009,064,2300)
36, 43     720.800   6060.000    1.2180E+00 (2009,064,2300)
36, 44     720.800   6060.100    1.1406E+00 (2009,064,2300)
36, 45     720.800   6060.200    1.0523E+00 (2009,064,2300)
36, 46     720.800   6060.300    9.5988E-01 (2009,064,2300)
36, 47     720.800   6060.400    8.8738E-01 (2009,057,2300)
36, 48     720.800   6060.500    9.5792E-01 (2009,057,2300)
36, 49     720.800   6060.600    1.0125E+00 (2009,057,2300)
36, 50     720.800   6060.700    1.0492E+00 (2009,057,2300)
36, 51     720.800   6060.800    1.0682E+00 (2009,057,2300)
37,  1     720.900   6055.800    3.5851E-01 (2009,200,2300)
37,  2     720.900   6055.900    3.9634E-01 (2009,200,2300)
37,  3     720.900   6056.000    4.3441E-01 (2009,200,2300)
37,  4     720.900   6056.100    4.7061E-01 (2009,200,2300)
37,  5     720.900   6056.200    5.0261E-01 (2009,200,2300)
37,  6     720.900   6056.300    5.2752E-01 (2009,200,2300)
37,  7     720.900   6056.400    5.4152E-01 (2009,200,2300)
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37,  8      720.900   6056.500    5.4157E-01 (2009,200,2300)
37,  9      720.900   6056.600    5.2553E-01 (2009,200,2300)
37, 10      720.900   6056.700    5.4607E-01 (2009,154,2300)
37, 11      720.900   6056.800    5.7764E-01 (2009,154,2300)
37, 12      720.900   6056.900    6.0462E-01 (2009,154,2300)
37, 13      720.900   6057.000    6.2470E-01 (2009,154,2300)
37, 14      720.900   6057.100    6.4269E-01 (2009,178,2300)
37, 15      720.900   6057.200    6.8690E-01 (2009,178,2300)
37, 16      720.900   6057.300    7.3154E-01 (2009,178,2300)
37, 17      720.900   6057.400    7.6242E-01 (2009,178,2300)
37, 18      720.900   6057.500    7.5742E-01 (2009,178,2300)
37, 19      720.900   6057.600    7.9636E-01 (2009,201,2300)
37, 20      720.900   6057.700    8.8326E-01 (2009,201,2300)
37, 21      720.900   6057.800    9.0771E-01 (2009,105,2300)
37, 22      720.900   6057.900    1.3082E+00 (2009,105,2300)
37, 23      720.900   6058.000    1.5251E+00 (2009,105,2300)
37, 24      720.900   6058.100    1.4445E+00 (2009,105,2300)
37, 25      720.900   6058.200    1.8245E+00 (2009,134,2300)
37, 26      720.900   6058.300    2.4615E+00 (2009,134,2300)
37, 27      720.900   6058.400    3.0093E+00 (2009,193,2300)
37, 28      720.900   6058.500    2.6629E+00 (2009,182,2300)
37, 29      720.900   6058.600    1.9692E+00 (2009,182,2300)
37, 30      720.900   6058.700    2.2089E+00 (2009,115,2300)
37, 31      720.900   6058.800    2.6778E+00 (2009,115,2300)
37, 32      720.900   6058.900    2.3390E+00 (2009,115,2300)
37, 33      720.900   6059.000    1.4320E+00 (2009,073,2300)
37, 34      720.900   6059.100    1.3083E+00 (2009,287,2300)
37, 35      720.900   6059.200    1.4995E+00 (2009,287,2300)
37, 36      720.900   6059.300    1.4508E+00 (2009,287,2300)
37, 37      720.900   6059.400    1.2951E+00 (2009,336,2300)
37, 38      720.900   6059.500    1.1628E+00 (2009,336,2300)
37, 39      720.900   6059.600    1.0671E+00 (2009,064,2300)
37, 40      720.900   6059.700    1.1303E+00 (2009,064,2300)
37, 41      720.900   6059.800    1.1630E+00 (2009,064,2300)
37, 42      720.900   6059.900    1.1651E+00 (2009,064,2300)
37, 43      720.900   6060.000    1.1407E+00 (2009,064,2300)
37, 44      720.900   6060.100    1.0953E+00 (2009,064,2300)
37, 45      720.900   6060.200    1.0341E+00 (2009,064,2300)
37, 46      720.900   6060.300    9.6376E-01 (2009,064,2300)
37, 47      720.900   6060.400    8.8830E-01 (2009,064,2300)
37, 48      720.900   6060.500    8.1199E-01 (2009,064,2300)
37, 49      720.900   6060.600    7.4657E-01 (2009,057,2300)
37, 50      720.900   6060.700    8.0646E-01 (2009,057,2300)
37, 51      720.900   6060.800    8.5578E-01 (2009,057,2300)
38,  1      721.000   6055.800    3.8526E-01 (2009,200,2300)
38,  2      721.000   6055.900    4.1477E-01 (2009,200,2300)
38,  3      721.000   6056.000    4.4089E-01 (2009,200,2300)
38,  4      721.000   6056.100    4.6129E-01 (2009,200,2300)
38,  5      721.000   6056.200    4.7340E-01 (2009,200,2300)
38,  6      721.000   6056.300    4.7493E-01 (2009,200,2300)
38,  7      721.000   6056.400    4.6377E-01 (2009,200,2300)
38,  8      721.000   6056.500    4.8509E-01 (2009,154,2300)
38,  9      721.000   6056.600    5.1026E-01 (2009,154,2300)
38, 10      721.000   6056.700    5.3235E-01 (2009,154,2300)
38, 11      721.000   6056.800    5.4970E-01 (2009,154,2300)
38, 12      721.000   6056.900    5.5972E-01 (2009,154,2300)
38, 13      721.000   6057.000    5.6096E-01 (2009,154,2300)
38, 14      721.000   6057.100    5.9363E-01 (2009,178,2300)
38, 15      721.000   6057.200    6.2923E-01 (2009,178,2300)
38, 16      721.000   6057.300    6.5975E-01 (2009,178,2300)
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38, 18     721.000   6057.500     6.6558E-01  (2009,201,2300)
38, 19     721.000   6057.600     7.6034E-01  (2009,201,2300)
38, 20     721.000   6057.700     7.9073E-01  (2009,201,2300)
38, 21     721.000   6057.800     9.4266E-01  (2009,105,2300)
38, 22     721.000   6057.900     1.2509E+00  (2009,105,2300)
38, 23     721.000   6058.000     1.3739E+00  (2009,105,2300)
38, 24     721.000   6058.100     1.2549E+00  (2009,105,2300)
38, 25     721.000   6058.200     1.7196E+00  (2009,134,2300)
38, 26     721.000   6058.300     2.3142E+00  (2009,134,2300)
38, 27     721.000   6058.400     2.8528E+00  (2009,193,2300)
38, 28     721.000   6058.500     2.5832E+00  (2009,193,2300)
38, 29     721.000   6058.600     1.9628E+00  (2009,182,2300)
38, 30     721.000   6058.700     1.8203E+00  (2009,115,2300)
38, 31     721.000   6058.800     2.3880E+00  (2009,115,2300)
38, 32     721.000   6058.900     2.4274E+00  (2009,115,2300)
38, 33     721.000   6059.000     1.7355E+00  (2009,115,2300)
38, 34     721.000   6059.100     1.1725E+00  (2009,073,2300)
38, 35     721.000   6059.200     1.2001E+00  (2009,287,2300)
38, 36     721.000   6059.300     1.3382E+00  (2009,287,2300)
38, 37     721.000   6059.400     1.2847E+00  (2009,287,2300)
38, 38     721.000   6059.500     1.1681E+00  (2009,336,2300)
38, 39     721.000   6059.600     1.0429E+00  (2009,336,2300)
38, 40     721.000   6059.700     9.5205E-01  (2009,064,2300)
38, 41     721.000   6059.800     1.0076E+00  (2009,064,2300)
38, 42     721.000   6059.900     1.0371E+00  (2009,064,2300)
38, 43     721.000   6060.000     1.0418E+00  (2009,064,2300)
38, 44     721.000   6060.100     1.0245E+00  (2009,064,2300)
38, 45     721.000   6060.200     9.8952E-01  (2009,064,2300)
38, 46     721.000   6060.300     9.4147E-01  (2009,064,2300)
38, 47     721.000   6060.400     8.8468E-01  (2009,064,2300)
38, 48     721.000   6060.500     8.2428E-01  (2009,166,2300)
38, 49     721.000   6060.600     7.6029E-01  (2009,064,2300)
38, 50     721.000   6060.700     6.9754E-01  (2009,064,2300)
38, 51     721.000   6060.800     6.3723E-01  (2009,057,2300)
39,  1     721.100   6055.800     3.8941E-01  (2009,200,2300)
39,  2     721.100   6055.900     4.0630E-01  (2009,200,2300)
39,  3     721.100   6056.000     4.1677E-01  (2009,200,2300)
39,  4     721.100   6056.100     4.1909E-01  (2009,200,2300)
39,  5     721.100   6056.200     4.1173E-01  (2009,154,2300)
39,  6     721.100   6056.300     4.3330E-01  (2009,154,2300)
39,  7     721.100   6056.400     4.5340E-01  (2009,154,2300)
39,  8     721.100   6056.500     4.7171E-01  (2009,154,2300)
39,  9     721.100   6056.600     4.8636E-01  (2009,154,2300)
39, 10     721.100   6056.700     4.9617E-01  (2009,154,2300)
39, 11     721.100   6056.800     4.9970E-01  (2009,154,2300)
39, 12     721.100   6056.900     4.9797E-01  (2009,216,2300)
39, 13     721.100   6057.000     5.1646E-01  (2009,178,2300)
39, 14     721.100   6057.100     5.4743E-01  (2009,178,2300)
39, 15     721.100   6057.200     5.7690E-01  (2009,178,2300)
39, 16     721.100   6057.300     5.9056E-01  (2009,178,2300)
39, 17     721.100   6057.400     5.7027E-01  (2009,178,2300)
39, 18     721.100   6057.500     6.5518E-01  (2009,238,2300)
39, 19     721.100   6057.600     7.0348E-01  (2009,201,2300)
39, 20     721.100   6057.700     6.9007E-01  (2009,122,2300)
39, 21     721.100   6057.800     9.5347E-01  (2009,105,2300)
39, 22     721.100   6057.900     1.1842E+00  (2009,105,2300)
39, 23     721.100   6058.000     1.2432E+00  (2009,105,2300)
39, 24     721.100   6058.100     1.1097E+00  (2009,105,2300)
39, 25     721.100   6058.200     1.6620E+00  (2009,134,2300)
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39, 26      721.100    6058.300      2.2084E+00  (2009,134,2300)
39, 27      721.100    6058.400      2.7111E+00  (2009,193,2300)
39, 28      721.100    6058.500      2.5254E+00  (2009,193,2300)
39, 29      721.100    6058.600      1.9415E+00  (2009,182,2300)
39, 30      721.100    6058.700      1.4695E+00  (2009,062,2300)
39, 31      721.100    6058.800      2.0652E+00  (2009,115,2300)
39, 32      721.100    6058.900      2.3464E+00  (2009,115,2300)
39, 33      721.100    6059.000      1.9745E+00  (2009,115,2300)
39, 34      721.100    6059.100      1.2764E+00  (2009,073,2300)
39, 35      721.100    6059.200      9.6965E-01  (2009,265,2300)
39, 36      721.100    6059.300      1.1033E+00  (2009,287,2300)
39, 37      721.100    6059.400      1.2017E+00  (2009,287,2300)
39, 38      721.100    6059.500      1.1435E+00  (2009,287,2300)
39, 39      721.100    6059.600      1.0600E+00  (2009,336,2300)
39, 40      721.100    6059.700      9.4012E-01  (2009,336,2300)
39, 41      721.100    6059.800      8.5656E-01  (2009,064,2300)
39, 42      721.100    6059.900      9.0452E-01  (2009,064,2300)
39, 43      721.100    6060.000      9.3131E-01  (2009,064,2300)
39, 44      721.100    6060.100      9.3724E-01  (2009,064,2300)
39, 45      721.100    6060.200      9.2526E-01  (2009,064,2300)
39, 46      721.100    6060.300      8.9854E-01  (2009,064,2300)
39, 47      721.100    6060.400      8.6049E-01  (2009,064,2300)
39, 48      721.100    6060.500      8.2190E-01  (2009,166,2300)
39, 49      721.100    6060.600      7.7712E-01  (2009,166,2300)
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39, 51      721.100    6060.800      6.6713E-01  (2009,166,2300)
40,  1      721.200    6055.800      3.6927E-01  (2009,200,2300)
40,  2      721.200    6055.900      3.7197E-01  (2009,200,2300)
40,  3      721.200    6056.000      3.7152E-01  (2009,154,2300)
40,  4      721.200    6056.100      3.8903E-01  (2009,154,2300)
40,  5      721.200    6056.200      4.0528E-01  (2009,154,2300)
40,  6      721.200    6056.300      4.2016E-01  (2009,154,2300)
40,  7      721.200    6056.400      4.3238E-01  (2009,154,2300)
40,  8      721.200    6056.500      4.4109E-01  (2009,154,2300)
40,  9      721.200    6056.600      4.4582E-01  (2009,154,2300)
40, 10      721.200    6056.700      4.4479E-01  (2009,154,2300)
40, 11      721.200    6056.800      4.4327E-01  (2009,216,2300)
40, 12      721.200    6056.900      4.5296E-01  (2009,178,2300)
40, 13      721.200    6057.000      4.7951E-01  (2009,178,2300)
40, 14      721.200    6057.100      5.0779E-01  (2009,178,2300)
40, 15      721.200    6057.200      5.2618E-01  (2009,178,2300)
40, 16      721.200    6057.300      5.1859E-01  (2009,178,2300)
40, 17      721.200    6057.400      5.6354E-01  (2009,238,2300)
40, 18      721.200    6057.500      6.1904E-01  (2009,201,2300)
40, 19      721.200    6057.600      6.3534E-01  (2009,201,2300)
40, 20      721.200    6057.700      6.9228E-01  (2009,105,2300)
40, 21      721.200    6057.800      9.4233E-01  (2009,105,2300)
40, 22      721.200    6057.900      1.1071E+00  (2009,105,2300)
40, 23      721.200    6058.000      1.1233E+00  (2009,105,2300)
40, 24      721.200    6058.100      1.0710E+00  (2009,134,2300)
40, 25      721.200    6058.200      1.6297E+00  (2009,134,2300)
40, 26      721.200    6058.300      2.1266E+00  (2009,134,2300)
40, 27      721.200    6058.400      2.5796E+00  (2009,193,2300)
40, 28      721.200    6058.500      2.4621E+00  (2009,193,2300)
40, 29      721.200    6058.600      1.9053E+00  (2009,182,2300)
40, 30      721.200    6058.700      1.3485E+00  (2009,182,2300)
40, 31      721.200    6058.800      1.7364E+00  (2009,115,2300)
40, 32      721.200    6058.900      2.1554E+00  (2009,115,2300)
40, 33      721.200    6059.000      2.0779E+00  (2009,115,2300)
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40, 35      721.200   6059.200    1.0896E+00  (2009,073,2300)
40, 36      721.200   6059.300    8.5709E-01  (2009,265,2300)
40, 37      721.200   6059.400    1.0141E+00  (2009,287,2300)
40, 38      721.200   6059.500    1.0859E+00  (2009,287,2300)
40, 39      721.200   6059.600    1.0300E+00  (2009,287,2300)
40, 40      721.200   6059.700    9.6912E-01  (2009,336,2300)
40, 41      721.200   6059.800    8.5247E-01  (2009,336,2300)
40, 42      721.200   6059.900    7.7647E-01  (2009,064,2300)
40, 43      721.200   6060.000    8.1783E-01  (2009,064,2300)
40, 44      721.200   6060.100    8.4168E-01  (2009,064,2300)
40, 45      721.200   6060.200    8.4845E-01  (2009,064,2300)
40, 46      721.200   6060.300    8.4030E-01  (2009,064,2300)
40, 47      721.200   6060.400    8.1959E-01  (2009,064,2300)
40, 48      721.200   6060.500    7.8935E-01  (2009,064,2300)
40, 49      721.200   6060.600    7.6170E-01  (2009,166,2300)
40, 50      721.200   6060.700    7.2826E-01  (2009,166,2300)
40, 51      721.200   6060.800    6.8721E-01  (2009,166,2300)
41,  1      721.300   6055.800    3.3574E-01  (2009,154,2300)
41,  2      721.300   6055.900    3.5050E-01  (2009,154,2300)
41,  3      721.300   6056.000    3.6409E-01  (2009,154,2300)
41,  4      721.300   6056.100    3.7629E-01  (2009,154,2300)
41,  5      721.300   6056.200    3.8645E-01  (2009,154,2300)
41,  6      721.300   6056.300    3.9404E-01  (2009,154,2300)
41,  7      721.300   6056.400    3.9860E-01  (2009,154,2300)
41,  8      721.300   6056.500    3.9901E-01  (2009,154,2300)
41,  9      721.300   6056.600    3.9503E-01  (2009,154,2300)
41, 10      721.300   6056.700    3.9397E-01  (2009,216,2300)
41, 11      721.300   6056.800    3.9941E-01  (2009,178,2300)
41, 12      721.300   6056.900    4.2337E-01  (2009,178,2300)
41, 13      721.300   6057.000    4.5058E-01  (2009,178,2300)
41, 14      721.300   6057.100    4.7133E-01  (2009,178,2300)
41, 15      721.300   6057.200    4.7254E-01  (2009,178,2300)
41, 16      721.300   6057.300    4.9029E-01  (2009,238,2300)
41, 17      721.300   6057.400    5.4304E-01  (2009,238,2300)
41, 18      721.300   6057.500    5.7627E-01  (2009,201,2300)
41, 19      721.300   6057.600    5.6052E-01  (2009,201,2300)
41, 20      721.300   6057.700    7.1728E-01  (2009,105,2300)
41, 21      721.300   6057.800    9.1831E-01  (2009,105,2300)
41, 22      721.300   6057.900    1.0283E+00  (2009,105,2300)
41, 23      721.300   6058.000    1.0123E+00  (2009,105,2300)
41, 24      721.300   6058.100    1.0612E+00  (2009,134,2300)
41, 25      721.300   6058.200    1.5955E+00  (2009,134,2300)
41, 26      721.300   6058.300    2.0451E+00  (2009,134,2300)
41, 27      721.300   6058.400    2.4533E+00  (2009,193,2300)
41, 28      721.300   6058.500    2.3932E+00  (2009,193,2300)
41, 29      721.300   6058.600    1.8574E+00  (2009,182,2300)
41, 30      721.300   6058.700    1.3660E+00  (2009,182,2300)
41, 31      721.300   6058.800    1.4273E+00  (2009,115,2300)
41, 32      721.300   6058.900    1.9150E+00  (2009,115,2300)
41, 33      721.300   6059.000    2.0605E+00  (2009,115,2300)
41, 34      721.300   6059.100    1.6961E+00  (2009,115,2300)
41, 35      721.300   6059.200    1.1391E+00  (2009,073,2300)
41, 36      721.300   6059.300    9.0924E-01  (2009,073,2300)
41, 37      721.300   6059.400    7.9991E-01  (2009,287,2300)
41, 38      721.300   6059.500    9.3290E-01  (2009,287,2300)
41, 39      721.300   6059.600    9.8329E-01  (2009,287,2300)
41, 40      721.300   6059.700    9.3036E-01  (2009,287,2300)
41, 41      721.300   6059.800    8.8916E-01  (2009,336,2300)
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41, 46      721.300   6060.300    7.7278E-01 (2009,064,2300)
41, 47      721.300   6060.400    7.6726E-01 (2009,064,2300)
41, 48      721.300   6060.500    7.5119E-01 (2009,064,2300)
41, 49      721.300   6060.600    7.2688E-01 (2009,064,2300)
41, 50      721.300   6060.700    7.0208E-01 (2009,166,2300)
41, 51      721.300   6060.800    6.7836E-01 (2009,166,2300)
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42,  2      721.400   6055.900    3.3832E-01 (2009,154,2300)
42,  3      721.400   6056.000    3.4699E-01 (2009,154,2300)
42,  4      721.400   6056.100    3.5371E-01 (2009,154,2300)
42,  5      721.400   6056.200    3.5785E-01 (2009,154,2300)
42,  6      721.400   6056.300    3.5886E-01 (2009,154,2300)
42,  7      721.400   6056.400    3.5666E-01 (2009,154,2300)
42,  8      721.400   6056.500    3.5072E-01 (2009,154,2300)
42,  9      721.400   6056.600    3.4980E-01 (2009,216,2300)
42, 10      721.400   6056.700    3.5425E-01 (2009,178,2300)
42, 11      721.400   6056.800    3.7583E-01 (2009,178,2300)
42, 12      721.400   6056.900    4.0183E-01 (2009,178,2300)
42, 13      721.400   6057.000    4.2451E-01 (2009,178,2300)
42, 14      721.400   6057.100    4.3214E-01 (2009,178,2300)
42, 15      721.400   6057.200    4.2559E-01 (2009,238,2300)
42, 16      721.400   6057.300    4.8720E-01 (2009,238,2300)
42, 17      721.400   6057.400    5.1843E-01 (2009,201,2300)
42, 18      721.400   6057.500    5.2678E-01 (2009,201,2300)
42, 19      721.400   6057.600    5.4075E-01 (2009,122,2300)
42, 20      721.400   6057.700    7.3200E-01 (2009,105,2300)
42, 21      721.400   6057.800    8.9151E-01 (2009,105,2300)
42, 22      721.400   6057.900    9.5845E-01 (2009,105,2300)
42, 23      721.400   6058.000    9.1853E-01 (2009,105,2300)
42, 24      721.400   6058.100    1.0560E+00 (2009,134,2300)
42, 25      721.400   6058.200    1.5610E+00 (2009,134,2300)
42, 26      721.400   6058.300    1.9665E+00 (2009,134,2300)
42, 27      721.400   6058.400    2.3315E+00 (2009,193,2300)
42, 28      721.400   6058.500    2.3203E+00 (2009,193,2300)
42, 29      721.400   6058.600    1.8019E+00 (2009,182,2300)
42, 30      721.400   6058.700    1.3670E+00 (2009,182,2300)
42, 31      721.400   6058.800    1.2584E+00 (2009,062,2300)
42, 32      721.400   6058.900    1.6513E+00 (2009,115,2300)
42, 33      721.400   6059.000    1.9452E+00 (2009,115,2300)
42, 34      721.400   6059.100    1.8040E+00 (2009,115,2300)
42, 35      721.400   6059.200    1.3073E+00 (2009,115,2300)
42, 36      721.400   6059.300    1.0040E+00 (2009,073,2300)
42, 37      721.400   6059.400    7.7416E-01 (2009,265,2300)
42, 38      721.400   6059.500    7.5090E-01 (2009,287,2300)
42, 39      721.400   6059.600    8.5898E-01 (2009,287,2300)
42, 40      721.400   6059.700    8.9692E-01 (2009,287,2300)
42, 41      721.400   6059.800    8.4729E-01 (2009,287,2300)
42, 42      721.400   6059.900    8.1947E-01 (2009,336,2300)
42, 43      721.400   6060.000    7.1152E-01 (2009,336,2300)
42, 44      721.400   6060.100    6.5162E-01 (2009,064,2300)
42, 45      721.400   6060.200    6.8257E-01 (2009,064,2300)
42, 46      721.400   6060.300    7.0118E-01 (2009,064,2300)
42, 47      721.400   6060.400    7.0790E-01 (2009,064,2300)
42, 48      721.400   6060.500    7.0400E-01 (2009,064,2300)
42, 49      721.400   6060.600    6.9120E-01 (2009,064,2300)
42, 50      721.400   6060.700    6.7144E-01 (2009,064,2300)
42, 51      721.400   6060.800    6.4632E-01 (2009,064,2300)
43,  1      721.500   6055.800    3.1235E-01 (2009,154,2300)
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43,  2      721.500   6055.900    3.1850E-01  (2009,154,2300)
43,  3      721.500   6056.000    3.2248E-01  (2009,154,2300)
43,  4      721.500   6056.100    3.2392E-01  (2009,154,2300)
43,  5      721.500   6056.200    3.2283E-01  (2009,154,2300)
43,  6      721.500   6056.300    3.1870E-01  (2009,154,2300)
43,  7      721.500   6056.400    3.1134E-01  (2009,154,2300)
43,  8      721.500   6056.500    3.1048E-01  (2009,216,2300)
43,  9      721.500   6056.600    3.1573E-01  (2009,178,2300)
43, 10      721.500   6056.700    3.3547E-01  (2009,178,2300)
43, 11      721.500   6056.800    3.6046E-01  (2009,178,2300)
43, 12      721.500   6056.900    3.8383E-01  (2009,178,2300)
43, 13      721.500   6057.000    3.9589E-01  (2009,178,2300)
43, 14      721.500   6057.100    3.8703E-01  (2009,178,2300)
43, 15      721.500   6057.200    4.2985E-01  (2009,238,2300)
43, 16      721.500   6057.300    4.6358E-01  (2009,201,2300)
43, 17      721.500   6057.400    4.8666E-01  (2009,201,2300)
43, 18      721.500   6057.500    4.7212E-01  (2009,201,2300)
43, 19      721.500   6057.600    5.6340E-01  (2009,105,2300)
43, 20      721.500   6057.700    7.3624E-01  (2009,105,2300)
43, 21      721.500   6057.800    8.5700E-01  (2009,105,2300)
43, 22      721.500   6057.900    8.8913E-01  (2009,105,2300)
43, 23      721.500   6058.000    8.3224E-01  (2009,105,2300)
43, 24      721.500   6058.100    1.0486E+00  (2009,134,2300)
43, 25      721.500   6058.200    1.5229E+00  (2009,134,2300)
43, 26      721.500   6058.300    1.8887E+00  (2009,134,2300)
43, 27      721.500   6058.400    2.2155E+00  (2009,193,2300)
43, 28      721.500   6058.500    2.2444E+00  (2009,193,2300)
43, 29      721.500   6058.600    1.7402E+00  (2009,182,2300)
43, 30      721.500   6058.700    1.3575E+00  (2009,182,2300)
43, 31      721.500   6058.800    1.1348E+00  (2009,062,2300)
43, 32      721.500   6058.900    1.3885E+00  (2009,115,2300)
43, 33      721.500   6059.000    1.7716E+00  (2009,115,2300)
43, 34      721.500   6059.100    1.8206E+00  (2009,115,2300)
43, 35      721.500   6059.200    1.4759E+00  (2009,115,2300)
43, 36      721.500   6059.300    1.0175E+00  (2009,073,2300)
43, 37      721.500   6059.400    8.6360E-01  (2009,073,2300)
43, 38      721.500   6059.500    6.9818E-01  (2009,265,2300)
43, 39      721.500   6059.600    7.0388E-01  (2009,287,2300)
43, 40      721.500   6059.700    7.9283E-01  (2009,287,2300)
43, 41      721.500   6059.800    8.1944E-01  (2009,287,2300)
43, 42      721.500   6059.900    7.8670E-01  (2009,336,2300)
43, 43      721.500   6060.000    7.5841E-01  (2009,336,2300)
43, 44      721.500   6060.100    6.5423E-01  (2009,336,2300)
43, 45      721.500   6060.200    6.0265E-01  (2009,064,2300)
43, 46      721.500   6060.300    6.2931E-01  (2009,064,2300)
43, 47      721.500   6060.400    6.4536E-01  (2009,064,2300)
43, 48      721.500   6060.500    6.5146E-01  (2009,064,2300)
43, 49      721.500   6060.600    6.4881E-01  (2009,064,2300)
43, 50      721.500   6060.700    6.3855E-01  (2009,064,2300)
43, 51      721.500   6060.800    6.2206E-01  (2009,064,2300)
44,  1      721.600   6055.800    2.9110E-01  (2009,154,2300)
44,  2      721.600   6055.900    2.9309E-01  (2009,154,2300)
44,  3      721.600   6056.000    2.9289E-01  (2009,154,2300)
44,  4      721.600   6056.100    2.9013E-01  (2009,154,2300)
44,  5      721.600   6056.200    2.8476E-01  (2009,154,2300)
44,  6      721.600   6056.300    2.7702E-01  (2009,154,2300)
44,  7      721.600   6056.400    2.7553E-01  (2009,216,2300)
44,  8      721.600   6056.500    2.8275E-01  (2009,178,2300)
44,  9      721.600   6056.600    3.0094E-01  (2009,178,2300)
44, 10      721.600   6056.700    3.2432E-01  (2009,178,2300)
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44, 11      721.600   6056.800   3.4801E-01 (2009,178,2300)
44, 12      721.600   6056.900   3.6338E-01 (2009,178,2300)
44, 13      721.600   6057.000   3.6133E-01 (2009,178,2300)
44, 14      721.600   6057.100   3.8150E-01 (2009,238,2300)
44, 15      721.600   6057.200   4.1937E-01 (2009,238,2300)
44, 16      721.600   6057.300   4.4464E-01 (2009,201,2300)
44, 17      721.600   6057.400   4.4830E-01 (2009,201,2300)
44, 18      721.600   6057.500   4.5787E-01 (2009,122,2300)
44, 19      721.600   6057.600   5.8665E-01 (2009,105,2300)
44, 20      721.600   6057.700   7.3172E-01 (2009,105,2300)
44, 21      721.600   6057.800   8.1826E-01 (2009,105,2300)
44, 22      721.600   6057.900   8.2425E-01 (2009,105,2300)
44, 23      721.600   6058.000   7.5597E-01 (2009,105,2300)
44, 24      721.600   6058.100   1.0393E+00 (2009,134,2300)
44, 25      721.600   6058.200   1.4820E+00 (2009,134,2300)
44, 26      721.600   6058.300   1.8128E+00 (2009,134,2300)
44, 27      721.600   6058.400   2.1062E+00 (2009,193,2300)
44, 28      721.600   6058.500   2.1688E+00 (2009,193,2300)
44, 29      721.600   6058.600   1.7266E+00 (2009,193,2300)
44, 30      721.600   6058.700   1.3387E+00 (2009,182,2300)
44, 31      721.600   6058.800   1.0132E+00 (2009,182,2300)
44, 32      721.600   6058.900   1.1811E+00 (2009,062,2300)
44, 33      721.600   6059.000   1.5628E+00 (2009,115,2300)
44, 34      721.600   6059.100   1.7537E+00 (2009,115,2300)
44, 35      721.600   6059.200   1.5774E+00 (2009,115,2300)
44, 36      721.600   6059.300   1.1527E+00 (2009,115,2300)
44, 37      721.600   6059.400   9.1910E-01 (2009,073,2300)
44, 38      721.600   6059.500   7.3290E-01 (2009,073,2300)
44, 39      721.600   6059.600   6.2134E-01 (2009,265,2300)
44, 40      721.600   6059.700   6.6023E-01 (2009,287,2300)
44, 41      721.600   6059.800   7.3432E-01 (2009,287,2300)
44, 42      721.600   6059.900   7.5460E-01 (2009,287,2300)
44, 43      721.600   6060.000   7.3778E-01 (2009,336,2300)
44, 44      721.600   6060.100   7.0298E-01 (2009,336,2300)
44, 45      721.600   6060.200   6.0271E-01 (2009,336,2300)
44, 46      721.600   6060.300   5.5997E-01 (2009,064,2300)
44, 47      721.600   6060.400   5.8306E-01 (2009,064,2300)
44, 48      721.600   6060.500   5.9702E-01 (2009,064,2300)
44, 49      721.600   6060.600   6.0250E-01 (2009,064,2300)
44, 50      721.600   6060.700   6.0021E-01 (2009,064,2300)
44, 51      721.600   6060.800   5.9152E-01 (2009,064,2300)
45,  1      721.700   6055.800   2.6587E-01 (2009,154,2300)
45,  2      721.700   6055.900   2.6442E-01 (2009,154,2300)
45,  3      721.700   6056.000   2.6069E-01 (2009,154,2300)
45,  4      721.700   6056.100   2.5492E-01 (2009,154,2300)
45,  5      721.700   6056.200   2.4681E-01 (2009,154,2300)
45,  6      721.700   6056.300   2.4462E-01 (2009,216,2300)
45,  7      721.700   6056.400   2.5416E-01 (2009,178,2300)
45,  8      721.700   6056.500   2.7100E-01 (2009,178,2300)
45,  9      721.700   6056.600   2.9307E-01 (2009,178,2300)
45, 10      721.700   6056.700   3.1632E-01 (2009,178,2300)
45, 11      721.700   6056.800   3.3350E-01 (2009,178,2300)
45, 12      721.700   6056.900   3.3691E-01 (2009,178,2300)
45, 13      721.700   6057.000   3.3735E-01 (2009,238,2300)
45, 14      721.700   6057.100   3.8054E-01 (2009,238,2300)
45, 15      721.700   6057.200   4.0249E-01 (2009,201,2300)
45, 16      721.700   6057.300   4.1849E-01 (2009,201,2300)
45, 17      721.700   6057.400   4.0463E-01 (2009,201,2300)
45, 18      721.700   6057.500   4.5373E-01 (2009,105,2300)
45, 19      721.700   6057.600   5.9991E-01 (2009,105,2300)
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45, 20      721.700   6057.700    7.1746E-01 (2009,105,2300)
45, 21      721.700   6057.800    7.7462E-01 (2009,105,2300)
45, 22      721.700   6057.900    7.5998E-01 (2009,105,2300)
45, 23      721.700   6058.000    7.2395E-01 (2009,242,2300)
45, 24      721.700   6058.100    1.0286E+00 (2009,134,2300)
45, 25      721.700   6058.200    1.4404E+00 (2009,134,2300)
45, 26      721.700   6058.300    1.7408E+00 (2009,134,2300)
45, 27      721.700   6058.400    2.0038E+00 (2009,193,2300)
45, 28      721.700   6058.500    2.0933E+00 (2009,193,2300)
45, 29      721.700   6058.600    1.7164E+00 (2009,193,2300)
45, 30      721.700   6058.700    1.3117E+00 (2009,182,2300)
45, 31      721.700   6058.800    1.0227E+00 (2009,182,2300)
45, 32      721.700   6058.900    1.0957E+00 (2009,062,2300)
45, 33      721.700   6059.000    1.3398E+00 (2009,115,2300)
45, 34      721.700   6059.100    1.6280E+00 (2009,115,2300)
45, 35      721.700   6059.200    1.6104E+00 (2009,115,2300)
45, 36      721.700   6059.300    1.2943E+00 (2009,115,2300)
45, 37      721.700   6059.400    9.0935E-01 (2009,073,2300)
45, 38      721.700   6059.500    8.1123E-01 (2009,073,2300)
45, 39      721.700   6059.600    6.3326E-01 (2009,265,2300)
45, 40      721.700   6059.700    5.5013E-01 (2009,265,2300)
45, 41      721.700   6059.800    6.1961E-01 (2009,287,2300)
45, 42      721.700   6059.900    6.8133E-01 (2009,287,2300)
45, 43      721.700   6060.000    6.9545E-01 (2009,287,2300)
45, 44      721.700   6060.100    6.9284E-01 (2009,336,2300)
45, 45      721.700   6060.200    6.5284E-01 (2009,336,2300)
45, 46      721.700   6060.300    5.5674E-01 (2009,336,2300)
45, 47      721.700   6060.400    5.2307E-01 (2009,064,2300)
45, 48      721.700   6060.500    5.4275E-01 (2009,064,2300)
45, 49      721.700   6060.600    5.5456E-01 (2009,064,2300)
45, 50      721.700   6060.700    5.5896E-01 (2009,064,2300)
45, 51      721.700   6060.800    5.5695E-01 (2009,064,2300)
46,  1      721.800   6055.800    2.3850E-01 (2009,154,2300)
46,  2      721.800   6055.900    2.3450E-01 (2009,154,2300)
46,  3      721.800   6056.000    2.2841E-01 (2009,154,2300)
46,  4      721.800   6056.100    2.2040E-01 (2009,154,2300)
46,  5      721.800   6056.200    2.2017E-01 (2009,178,2300)
46,  6      721.800   6056.300    2.2957E-01 (2009,178,2300)
46,  7      721.800   6056.400    2.4509E-01 (2009,178,2300)
46,  8      721.800   6056.500    2.6580E-01 (2009,178,2300)
46,  9      721.800   6056.600    2.8824E-01 (2009,178,2300)
46, 10      721.800   6056.700    3.0647E-01 (2009,178,2300)
46, 11      721.800   6056.800    3.1368E-01 (2009,178,2300)
46, 12      721.800   6056.900    3.0401E-01 (2009,178,2300)
46, 13      721.800   6057.000    3.4134E-01 (2009,238,2300)
46, 14      721.800   6057.100    3.6569E-01 (2009,238,2300)
46, 15      721.800   6057.200    3.8582E-01 (2009,201,2300)
46, 16      721.800   6057.300    3.8649E-01 (2009,201,2300)
46, 17      721.800   6057.400    3.7683E-01 (2009,122,2300)
46, 18      721.800   6057.500    4.7724E-01 (2009,105,2300)
46, 19      721.800   6057.600    6.0501E-01 (2009,105,2300)
46, 20      721.800   6057.700    6.9662E-01 (2009,105,2300)
46, 21      721.800   6057.800    7.2895E-01 (2009,105,2300)
46, 22      721.800   6057.900    6.9744E-01 (2009,105,2300)
46, 23      721.800   6058.000    7.0430E-01 (2009,242,2300)
46, 24      721.800   6058.100    1.0157E+00 (2009,134,2300)
46, 25      721.800   6058.200    1.3973E+00 (2009,134,2300)
46, 26      721.800   6058.300    1.6706E+00 (2009,134,2300)
46, 27      721.800   6058.400    1.9077E+00 (2009,193,2300)
46, 28      721.800   6058.500    2.0193E+00 (2009,193,2300)
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46, 29      721.800   6058.600    1.7008E+00  (2009,193,2300)
46, 30      721.800   6058.700    1.2803E+00  (2009,182,2300)
46, 31      721.800   6058.800    1.0227E+00  (2009,182,2300)
46, 32      721.800   6058.900    1.0035E+00  (2009,062,2300)
46, 33      721.800   6059.000    1.1205E+00  (2009,115,2300)
46, 34      721.800   6059.100    1.4652E+00  (2009,115,2300)
46, 35      721.800   6059.200    1.5772E+00  (2009,115,2300)
46, 36      721.800   6059.300    1.3891E+00  (2009,115,2300)
46, 37      721.800   6059.400    1.0254E+00  (2009,115,2300)
46, 38      721.800   6059.500    8.3918E-01  (2009,073,2300)
46, 39      721.800   6059.600    7.0526E-01  (2009,073,2300)
46, 40      721.800   6059.700    5.8008E-01  (2009,265,2300)
46, 41      721.800   6059.800    5.0210E-01  (2009,287,2300)
46, 42      721.800   6059.900    5.8237E-01  (2009,287,2300)
46, 43      721.800   6060.000    6.3468E-01  (2009,287,2300)
46, 44      721.800   6060.100    6.4494E-01  (2009,287,2300)
46, 45      721.800   6060.200    6.5148E-01  (2009,336,2300)
46, 46      721.800   6060.300    6.0752E-01  (2009,336,2300)
46, 47      721.800   6060.400    5.1539E-01  (2009,336,2300)
46, 48      721.800   6060.500    4.9015E-01  (2009,064,2300)
46, 49      721.800   6060.600    5.0679E-01  (2009,064,2300)
46, 50      721.800   6060.700    5.1663E-01  (2009,064,2300)
46, 51      721.800   6060.800    5.1999E-01  (2009,064,2300)
47,  1      721.900   6055.800    2.1094E-01  (2009,154,2300)
47,  2      721.900   6055.900    2.0494E-01  (2009,154,2300)
47,  3      721.900   6056.000    1.9746E-01  (2009,154,2300)
47,  4      721.900   6056.100    1.9935E-01  (2009,178,2300)
47,  5      721.900   6056.200    2.0827E-01  (2009,178,2300)
47,  6      721.900   6056.300    2.2712E-01  (2009,199,2300)
47,  7      721.900   6056.400    2.4358E-01  (2009,199,2300)
47,  8      721.900   6056.500    2.6347E-01  (2009,178,2300)
47,  9      721.900   6056.600    2.8207E-01  (2009,178,2300)
47, 10      721.900   6056.700    2.9187E-01  (2009,178,2300)
47, 11      721.900   6056.800    2.8745E-01  (2009,178,2300)
47, 12      721.900   6056.900    3.0712E-01  (2009,238,2300)
47, 13      721.900   6057.000    3.3525E-01  (2009,238,2300)
47, 14      721.900   6057.100    3.5256E-01  (2009,201,2300)
47, 15      721.900   6057.200    3.6342E-01  (2009,201,2300)
47, 16      721.900   6057.300    3.4981E-01  (2009,201,2300)
47, 17      721.900   6057.400    3.7153E-01  (2009,105,2300)
47, 18      721.900   6057.500    4.9418E-01  (2009,105,2300)
47, 19      721.900   6057.600    6.0251E-01  (2009,105,2300)
47, 20      721.900   6057.700    6.7049E-01  (2009,105,2300)
47, 21      721.900   6057.800    6.8175E-01  (2009,105,2300)
47, 22      721.900   6057.900    6.3720E-01  (2009,105,2300)
47, 23      721.900   6058.000    6.8090E-01  (2009,242,2300)
47, 24      721.900   6058.100    9.9916E-01  (2009,134,2300)
47, 25      721.900   6058.200    1.3525E+00  (2009,134,2300)
47, 26      721.900   6058.300    1.6028E+00  (2009,134,2300)
47, 27      721.900   6058.400    1.8186E+00  (2009,193,2300)
47, 28      721.900   6058.500    1.9473E+00  (2009,193,2300)
47, 29      721.900   6058.600    1.6808E+00  (2009,193,2300)
47, 30      721.900   6058.700    1.2451E+00  (2009,182,2300)
47, 31      721.900   6058.800    1.0154E+00  (2009,182,2300)
47, 32      721.900   6058.900    9.0664E-01  (2009,062,2300)
47, 33      721.900   6059.000    1.0272E+00  (2009,062,2300)
47, 34      721.900   6059.100    1.2820E+00  (2009,115,2300)
47, 35      721.900   6059.200    1.4915E+00  (2009,115,2300)
47, 36      721.900   6059.300    1.4322E+00  (2009,115,2300)
47, 37      721.900   6059.400    1.1464E+00  (2009,115,2300)
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47, 38       721.900    6059.500     8.1493E-01  (2009,073,2300)
47, 39       721.900    6059.600     7.5715E-01  (2009,073,2300)
47, 40       721.900    6059.700     6.0650E-01  (2009,073,2300)
47, 41       721.900    6059.800     5.2602E-01  (2009,265,2300)
47, 42       721.900    6059.900     4.7814E-01  (2009,287,2300)
47, 43       721.900    6060.000     5.4831E-01  (2009,287,2300)
47, 44       721.900    6060.100     5.9205E-01  (2009,287,2300)
47, 45       721.900    6060.200     5.9876E-01  (2009,336,2300)
47, 46       721.900    6060.300     6.1294E-01  (2009,336,2300)
47, 47       721.900    6060.400     5.6667E-01  (2009,336,2300)
47, 48       721.900    6060.500     4.7797E-01  (2009,336,2300)
47, 49       721.900    6060.600     4.6059E-01  (2009,064,2300)
47, 50       721.900    6060.700     4.7442E-01  (2009,064,2300)
47, 51       721.900    6060.800     4.8228E-01  (2009,064,2300)
48,  1       722.000    6055.800     1.8433E-01  (2009,154,2300)
48,  2       722.000    6055.900     1.7750E-01  (2009,178,2300)
48,  3       722.000    6056.000     1.8133E-01  (2009,178,2300)
48,  4       722.000    6056.100     1.9121E-01  (2009,199,2300)
48,  5       722.000    6056.200     2.1111E-01  (2009,199,2300)
48,  6       722.000    6056.300     2.2669E-01  (2009,199,2300)
48,  7       722.000    6056.400     2.4158E-01  (2009,178,2300)
48,  8       722.000    6056.500     2.6016E-01  (2009,178,2300)
48,  9       722.000    6056.600     2.7168E-01  (2009,178,2300)
48, 10       722.000    6056.700     2.7124E-01  (2009,178,2300)
48, 11       722.000    6056.800     2.7545E-01  (2009,238,2300)
48, 12       722.000    6056.900     3.0695E-01  (2009,238,2300)
48, 13       722.000    6057.000     3.2053E-01  (2009,238,2300)
48, 14       722.000    6057.100     3.3787E-01  (2009,201,2300)
48, 15       722.000    6057.200     3.3643E-01  (2009,201,2300)
48, 16       722.000    6057.300     3.1052E-01  (2009,201,2300)
48, 17       722.000    6057.400     3.9420E-01  (2009,105,2300)
48, 18       722.000    6057.500     5.0449E-01  (2009,105,2300)
48, 19       722.000    6057.600     5.9384E-01  (2009,105,2300)
48, 20       722.000    6057.700     6.4083E-01  (2009,105,2300)
48, 21       722.000    6057.800     6.3487E-01  (2009,105,2300)
48, 22       722.000    6057.900     5.7978E-01  (2009,105,2300)
48, 23       722.000    6058.000     6.5562E-01  (2009,242,2300)
48, 24       722.000    6058.100     9.8183E-01  (2009,134,2300)
48, 25       722.000    6058.200     1.3047E+00  (2009,134,2300)
48, 26       722.000    6058.300     1.5349E+00  (2009,134,2300)
48, 27       722.000    6058.400     1.7341E+00  (2009,193,2300)
48, 28       722.000    6058.500     1.8763E+00  (2009,193,2300)
48, 29       722.000    6058.600     1.6567E+00  (2009,193,2300)
48, 30       722.000    6058.700     1.2089E+00  (2009,182,2300)
48, 31       722.000    6058.800     1.0017E+00  (2009,182,2300)
48, 32       722.000    6058.900     8.1259E-01  (2009,236,2300)
48, 33       722.000    6059.000     9.6513E-01  (2009,062,2300)
48, 34       722.000    6059.100     1.0947E+00  (2009,115,2300)
48, 35       722.000    6059.200     1.3685E+00  (2009,115,2300)
48, 36       722.000    6059.300     1.4227E+00  (2009,115,2300)
48, 37       722.000    6059.400     1.2337E+00  (2009,115,2300)
48, 38       722.000    6059.500     9.1964E-01  (2009,115,2300)
48, 39       722.000    6059.600     7.6551E-01  (2009,073,2300)
48, 40       722.000    6059.700     6.7219E-01  (2009,073,2300)
48, 41       722.000    6059.800     5.3138E-01  (2009,265,2300)
48, 42       722.000    6059.900     4.7623E-01  (2009,265,2300)
48, 43       722.000    6060.000     4.5533E-01  (2009,287,2300)
48, 44       722.000    6060.100     5.1716E-01  (2009,287,2300)
48, 45       722.000    6060.200     5.5463E-01  (2009,287,2300)
48, 46       722.000    6060.300     5.7245E-01  (2009,336,2300)
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48, 47      722.000    6060.400     5.7729E-01 (2009,336,2300)
48, 48      722.000    6060.500     5.2912E-01 (2009,336,2300)
48, 49      722.000    6060.600     4.4460E-01 (2009,336,2300)
48, 50      722.000    6060.700     4.3338E-01 (2009,064,2300)
48, 51      722.000    6060.800     4.4468E-01 (2009,064,2300)
49,  1      722.100    6055.800     1.6179E-01 (2009,178,2300)
49,  2      722.100    6055.900     1.6551E-01 (2009,178,2300)
49,  3      722.100    6056.000     1.7848E-01 (2009,199,2300)
49,  4      722.100    6056.100     1.9675E-01 (2009,199,2300)
49,  5      722.100    6056.200     2.1129E-01 (2009,199,2300)
49,  6      722.100    6056.300     2.2207E-01 (2009,178,2300)
49,  7      722.100    6056.400     2.4029E-01 (2009,178,2300)
49,  8      722.100    6056.500     2.5303E-01 (2009,178,2300)
49,  9      722.100    6056.600     2.5563E-01 (2009,178,2300)
49, 10      722.100    6056.700     2.4637E-01 (2009,238,2300)
49, 11      722.100    6056.800     2.7882E-01 (2009,238,2300)
49, 12      722.100    6056.900     2.9759E-01 (2009,238,2300)
49, 13      722.100    6057.000     3.1111E-01 (2009,201,2300)
49, 14      722.100    6057.100     3.1870E-01 (2009,201,2300)
49, 15      722.100    6057.200     3.0555E-01 (2009,201,2300)
49, 16      722.100    6057.300     3.0981E-01 (2009,105,2300)
49, 17      722.100    6057.400     4.1257E-01 (2009,105,2300)
49, 18      722.100    6057.500     5.0934E-01 (2009,105,2300)
49, 19      722.100    6057.600     5.8014E-01 (2009,105,2300)
49, 20      722.100    6057.700     6.0883E-01 (2009,105,2300)
49, 21      722.100    6057.800     5.8863E-01 (2009,105,2300)
49, 22      722.100    6057.900     5.2570E-01 (2009,105,2300)
49, 23      722.100    6058.000     6.3173E-01 (2009,134,2300)
49, 24      722.100    6058.100     9.5498E-01 (2009,134,2300)
49, 25      722.100    6058.200     1.2494E+00 (2009,134,2300)
49, 26      722.100    6058.300     1.4608E+00 (2009,134,2300)
49, 27      722.100    6058.400     1.6518E+00 (2009,193,2300)
49, 28      722.100    6058.500     1.8050E+00 (2009,193,2300)
49, 29      722.100    6058.600     1.6272E+00 (2009,193,2300)
49, 30      722.100    6058.700     1.1973E+00 (2009,193,2300)
49, 31      722.100    6058.800     9.8318E-01 (2009,182,2300)
49, 32      722.100    6058.900     8.1091E-01 (2009,182,2300)
49, 33      722.100    6059.000     8.9444E-01 (2009,062,2300)
49, 34      722.100    6059.100     9.3697E-01 (2009,062,2300)
49, 35      722.100    6059.200     1.2213E+00 (2009,115,2300)
49, 36      722.100    6059.300     1.3667E+00 (2009,115,2300)
49, 37      722.100    6059.400     1.2806E+00 (2009,115,2300)
49, 38      722.100    6059.500     1.0229E+00 (2009,115,2300)
49, 39      722.100    6059.600     7.3233E-01 (2009,073,2300)
49, 40      722.100    6059.700     7.0359E-01 (2009,073,2300)
49, 41      722.100    6059.800     5.8898E-01 (2009,073,2300)
49, 42      722.100    6059.900     4.9343E-01 (2009,265,2300)
49, 43      722.100    6060.000     4.2834E-01 (2009,265,2300)
49, 44      722.100    6060.100     4.3421E-01 (2009,287,2300)
49, 45      722.100    6060.200     4.8864E-01 (2009,287,2300)
49, 46      722.100    6060.300     5.2008E-01 (2009,287,2300)
49, 47      722.100    6060.400     5.4665E-01 (2009,336,2300)
49, 48      722.100    6060.500     5.4485E-01 (2009,336,2300)
49, 49      722.100    6060.600     4.9488E-01 (2009,336,2300)
49, 50      722.100    6060.700     4.1383E-01 (2009,336,2300)
49, 51      722.100    6060.800     4.0793E-01 (2009,064,2300)
50,  1      722.200    6055.800     1.5160E-01 (2009,178,2300)
50,  2      722.200    6055.900     1.6700E-01 (2009,199,2300)
50,  3      722.200    6056.000     1.8382E-01 (2009,199,2300)
50,  4      722.200    6056.100     1.9753E-01 (2009,199,2300)
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50,  5      722.200    6056.200    2.0562E-01  (2009,199,2300)
50,  6      722.200    6056.300    2.2248E-01  (2009,178,2300)
50,  7      722.200    6056.400    2.3581E-01  (2009,178,2300)
50,  8      722.200    6056.500    2.4062E-01  (2009,178,2300)
50,  9      722.200    6056.600    2.3406E-01  (2009,178,2300)
50, 10      722.200    6056.700    2.5343E-01  (2009,238,2300)
50, 11      722.200    6056.800    2.7496E-01  (2009,238,2300)
50, 12      722.200    6056.900    2.8461E-01  (2009,201,2300)
50, 13      722.200    6057.000    2.9828E-01  (2009,201,2300)
50, 14      722.200    6057.100    2.9552E-01  (2009,201,2300)
50, 15      722.200    6057.200    2.7289E-01  (2009,201,2300)
50, 16      722.200    6057.300    3.3092E-01  (2009,105,2300)
50, 17      722.200    6057.400    4.2587E-01  (2009,105,2300)
50, 18      722.200    6057.500    5.0911E-01  (2009,105,2300)
50, 19      722.200    6057.600    5.6319E-01  (2009,105,2300)
50, 20      722.200    6057.700    5.7576E-01  (2009,105,2300)
50, 21      722.200    6057.800    5.4391E-01  (2009,105,2300)
50, 22      722.200    6057.900    5.0422E-01  (2009,242,2300)
50, 23      722.200    6058.000    6.1534E-01  (2009,134,2300)
50, 24      722.200    6058.100    9.1268E-01  (2009,134,2300)
50, 25      722.200    6058.200    1.1975E+00  (2009,134,2300)
50, 26      722.200    6058.300    1.3855E+00  (2009,134,2300)
50, 27      722.200    6058.400    1.5683E+00  (2009,193,2300)
50, 28      722.200    6058.500    1.7315E+00  (2009,193,2300)
50, 29      722.200    6058.600    1.5930E+00  (2009,193,2300)
50, 30      722.200    6058.700    1.2078E+00  (2009,193,2300)
50, 31      722.200    6058.800    9.6104E-01  (2009,182,2300)
50, 32      722.200    6058.900    8.0871E-01  (2009,182,2300)
50, 33      722.200    6059.000    8.1776E-01  (2009,062,2300)
50, 34      722.200    6059.100    9.0302E-01  (2009,062,2300)
50, 35      722.200    6059.200    1.0622E+00  (2009,115,2300)
50, 36      722.200    6059.300    1.2741E+00  (2009,115,2300)
50, 37      722.200    6059.400    1.2856E+00  (2009,115,2300)
50, 38      722.200    6059.500    1.1018E+00  (2009,115,2300)
50, 39      722.200    6059.600    8.2937E-01  (2009,115,2300)
50, 40      722.200    6059.700    6.9805E-01  (2009,073,2300)
50, 41      722.200    6059.800    6.3602E-01  (2009,073,2300)
50, 42      722.200    6059.900    5.1177E-01  (2009,073,2300)
50, 43      722.200    6060.000    4.5471E-01  (2009,265,2300)
50, 44      722.200    6060.100    3.8527E-01  (2009,265,2300)
50, 45      722.200    6060.200    4.1438E-01  (2009,287,2300)
50, 46      722.200    6060.300    4.6257E-01  (2009,287,2300)
50, 47      722.200    6060.400    4.8938E-01  (2009,287,2300)
50, 48      722.200    6060.500    5.2200E-01  (2009,336,2300)
50, 49      722.200    6060.600    5.1404E-01  (2009,336,2300)
50, 50      722.200    6060.700    4.6352E-01  (2009,336,2300)
50, 51      722.200    6060.800    3.8554E-01  (2009,336,2300)
51,  1      722.300    6055.800    1.5676E-01  (2009,199,2300)
51,  2      722.300    6055.900    1.7229E-01  (2009,199,2300)
51,  3      722.300    6056.000    1.8505E-01  (2009,199,2300)
51,  4      722.300    6056.100    1.9306E-01  (2009,199,2300)
51,  5      722.300    6056.200    2.0665E-01  (2009,178,2300)
51,  6      722.300    6056.300    2.2014E-01  (2009,178,2300)
51,  7      722.300    6056.400    2.2667E-01  (2009,178,2300)
51,  8      722.300    6056.500    2.2320E-01  (2009,178,2300)
51,  9      722.300    6056.600    2.2982E-01  (2009,238,2300)
51, 10      722.300    6056.700    2.5351E-01  (2009,238,2300)
51, 11      722.300    6056.800    2.6480E-01  (2009,238,2300)
51, 12      722.300    6056.900    2.7631E-01  (2009,201,2300)
51, 13      722.300    6057.000    2.8152E-01  (2009,201,2300)
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51, 14       722.300   6057.100    2.6935E-01 (2009,201,2300)
51, 15       722.300   6057.200    2.6227E-01 (2009,105,2300)
51, 16       722.300   6057.300    3.4909E-01 (2009,105,2300)
51, 17       722.300   6057.400    4.3465E-01 (2009,105,2300)
51, 18       722.300   6057.500    5.0420E-01 (2009,105,2300)
51, 19       722.300   6057.600    5.4301E-01 (2009,105,2300)
51, 20       722.300   6057.700    5.4234E-01 (2009,105,2300)
51, 21       722.300   6057.800    5.0175E-01 (2009,105,2300)
51, 22       722.300   6057.900    4.8461E-01 (2009,242,2300)
51, 23       722.300   6058.000    5.8904E-01 (2009,134,2300)
51, 24       722.300   6058.100    8.5136E-01 (2009,134,2300)
51, 25       722.300   6058.200    1.1103E+00 (2009,134,2300)
51, 26       722.300   6058.300    1.2849E+00 (2009,134,2300)
51, 27       722.300   6058.400    1.4778E+00 (2009,193,2300)
51, 28       722.300   6058.500    1.6511E+00 (2009,193,2300)
51, 29       722.300   6058.600    1.5509E+00 (2009,193,2300)
51, 30       722.300   6058.700    1.2112E+00 (2009,193,2300)
51, 31       722.300   6058.800    9.3747E-01 (2009,182,2300)
51, 32       722.300   6058.900    8.0271E-01 (2009,182,2300)
51, 33       722.300   6059.000    7.3757E-01 (2009,062,2300)
51, 34       722.300   6059.100    8.5848E-01 (2009,062,2300)
51, 35       722.300   6059.200    9.0350E-01 (2009,115,2300)
51, 36       722.300   6059.300    1.1565E+00 (2009,115,2300)
51, 37       722.300   6059.400    1.2508E+00 (2009,115,2300)
51, 38       722.300   6059.500    1.1492E+00 (2009,115,2300)
51, 39       722.300   6059.600    9.1746E-01 (2009,115,2300)
51, 40       722.300   6059.700    6.6673E-01 (2009,115,2300)
51, 41       722.300   6059.800    6.5201E-01 (2009,073,2300)
51, 42       722.300   6059.900    5.6703E-01 (2009,073,2300)
51, 43       722.300   6060.000    4.5699E-01 (2009,265,2300)
51, 44       722.300   6060.100    4.1839E-01 (2009,265,2300)
51, 45       722.300   6060.200    3.5492E-01 (2009,264,2300)
51, 46       722.300   6060.300    3.9615E-01 (2009,287,2300)
51, 47       722.300   6060.400    4.3851E-01 (2009,287,2300)
51, 48       722.300   6060.500    4.7107E-01 (2009,336,2300)
51, 49       722.300   6060.600    4.9876E-01 (2009,336,2300)
51, 50       722.300   6060.700    4.8516E-01 (2009,336,2300)
51, 51       722.300   6060.800    4.3427E-01 (2009,336,2300)

    1 - RANK HIGHEST VALUES FOR PERIOD

 Multiply all values by 10 **  -2

   51 I    26      32      37      41      46      50      51      57      61      64      66      67
 67     82      95     107     123     121     106     122
      I    +       +       +       +       +       +       +       +       +       +       +       +
 +      +       +       +       +       +       +       +
   50 I    27      26      32      38      42      49      53      54      61      66      69      71
 71     76      93     103     122     130     116     122
      I    +       +       +       +       +       +       +       +       +       +       +       +
 +      +       +       +       +       +       +       +
   49 I    29      29      27      32      39      44      51      56      57      65      70      74
 76     75      89     104     115     134     130     119
      I    +       +       +       +       +       +       +       +       +       +       +       +
 +      +       +       +       +       +       +       +
   48 I    30      31      30      29      33      40      46      54      58      61      69      76
 80     81      81     102     115     132     141     122
      I    +       +       +       +       +       +       +       +       +       +       +       +
 +      +       +       +       +       +       +       +
```

```
  47 I    29     31     32     32     32     34     41     49     57     62     65     75
82     86     87     96    115    126    147    140
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  46 I    29     30     32     34     34     34     34     42     51     60     65     71
81     89     93     92    112    129    146    154
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  45 I    28     29     31     33     35     36     36     37     44     54     64     69
77     88     96    100    104    128    141    161
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  44 I    26     28     30     32     34     36     38     39     40     46     58     67
72     84     96    105    108    124    145    162
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  43 I    25     26     28     31     33     36     38     40     41     43     49     61
72     77     92    106    115    116    145    161
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  42 I    25     26     27     29     32     35     37     40     42     44     46     52
66     77     82    102    117    126    138    167
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  41 I    23     25     27     28     29     32     35     39     42     45     48     50
55     70     82     91    113    130    138    165
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  40 I    21     23     25     27     28     30     32     36     40     44     48     51
54     60     76     88    103    127    145    156
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  39 I    18     20     22     24     26     28     30     32     36     41     46     51
55     59     66     82     95    116    143    161
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  38 I    21     21     21     21     23     25     27     30     33     37     42     48
54     59     65     72     89    102    133    162
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  37 I    23     24     24     25     25     25     25     26     29     32     36     43
49     56     64     71     80     97    114    153
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  36 I    25     26     27     28     29     30     30     31     32     31     32     37
43     51     59     68     77     89    106    134
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  35 I    25     26     27     29     30     32     33     35     37     38     39     40
40     43     52     62     73     84    100    122
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  34 I    27     29     32     34     37     39     42     45     48     51     55     59
63     68     72     76     70     79     93    116
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +

  33 I    26     28     30     32     35     37     40     43     47     51     55     60
66     73     81     90     93     97     97    113
     I    +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
```

```
  32 I    23      25      27      29      31      34      36      39      42      46      51      56
62      69      78      89     101     116     135     160
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  31 I    22      23      25      26      28      29      32      34      37      40      44      48
53      60      67      77      88     103     123     151
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  30 I    22      24      25      27      28      30      32      34      36      39      41      44
47      51      55      63      72      84     101     128
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  29 I    22      23      25      26      28      30      32      35      37      40      43      46
50      54      59      65      72      81      90     113
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  28 I    23      24      25      26      28      29      31      33      36      39      42      45
49      54      60      67      75      85      97     113
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  27 I    24      25      26      28      29      31      33      35      37      40      43      46
50      54      60      66      74      84      96     118
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  26 I    24      25      27      28      30      32      34      36      39      42      45      48
52      57      63      69      78      87      99     135
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  25 I    24      25      27      28      30      32      34      37      39      42      45      48
52      57      62      68      74      82     103     171
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  24 I    24      25      26      28      29      31      33      35      38      40      43      46
49      52      56      60      65      77     121     181
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  23 I    22      24      25      26      28      29      31      33      35      37      39      41
43      45      47      50      60      90     129     172
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  22 I    21      22      23      24      25      26      28      29      30      32      33      34
36      37      38      49      71      99     129     155
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  21 I    19      20      20      21      22      23      24      25      26      26      27      28
28      28      41      59      80     103     123     136
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  20 I    17      17      18      18      19      19      20      20      21      21      21      21
24      35      49      67      86     103     114     117
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  19 I    14      15      15      15      16      16      16      16      16      18      20      23
30      42      57      73      87      98     102      98
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +

  18 I    12      12      12      12      13      13      14      16      18      20      22      26
36      49      63      76      86      90      88      99
     I     +       +       +       +       +       +       +       +       +       +       +       +
+       +       +       +       +       +       +       +
```

```
   17 I    10      10      10      11      13      14      16    18    20    22    23    31
42      54      66      76      81      81      83     101
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

   16 I     9      10      12      13      15      16      18    20    21    22    26    36
47      58      67      74      75      71      86      94
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

   15 I    11      12      13      15      16      18      19    20    21    21    30    40
50      60      67      70      68      74      82      92
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

   14 I    12      14      15      16      18      19      19    20    20    24    33    43
52      60      65      65      65      72      78      89
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

   13 I    14      15      16      17      18      18      18    18    20    27    36    45
53      59      62      60      65      67      76      86
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

   12 I    15      16      17      17      18      17      17    16    22    29    38    46
52      57      58      58      61      65      74      82
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

   11 I    16      16      17      17      16      15      14    18    24    31    39    46
51      54      53      56      55      63      71      78
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

   10 I    16      16      16      15      14      13      15    20    26    33    39    45
49      50      52      52      54      61      68      74
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

    9 I    15      15      14      13      12      13      17    22    28    34    39    44
46      48      49      47      53      59      64      69
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

    8 I    14      13      12      11      12      14      19    24    29    34    39    42
44      46      45      45      51      56      61      65
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

    7 I    12      11      10      11      13      16      21    25    30    34    38    41
43      43      40      44      48      53      57      60
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

    6 I    10      10      11      12      14      18      22    27    31    34    38    41
41      38      38      42      46      49      53      60
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

    5 I     9      10      11      13      16      20      24    28    31    35    38    39
37      35      36      40      43      46      50      60
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

    4 I    10      10      11      14      18      21      25    28    33    36    37    36
33      33      35      37      40      43      51      59
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +

    3 I    10      11      13      16      19      22      26    30    34    35    35    33
31      30      33      35      38      42      51      58
      I    +       +       +       +       +       +       +     +     +     +     +     +
+       +       +       +       +       +       +       +
```

```
    2 I    10      11      14      17      20      24      28      31      33      34      32      29
  29     29      31      34      36      43      51      56
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
    1 I    10      13      15      18      22      26      29      32      32      32      29      28
  27     28      30      32      35      44      51      54
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
      ----------------------------------------------------------------------------------
  ------------------------------------------------
            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 ** -2

```
   51 I   116     127     147     138     146     128     115      99      86      81     115     156
 181    168     122     107      86      64      67      69
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   50 I   125     123     150     148     149     137     121     105      91      90     127     169
 188    164     122     105      81      70      72      73
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   49 I   132     120     151     157     152     145     126     111      95     100     141     182
 193    158     124     101      75      76      78      76
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   48 I   135     129     151     165     154     153     133     118     100     112     156     195
 195    148     123      96      81      82      82      79
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   47 I   135     140     148     172     155     161     139     125     105     125     172     207
 195    142     121      89      89      88      86      82
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   46 I   130     148     144     177     169     168     146     134     111     140     189     218
 191    145     115      96      96      94      90      84
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   45 I   149     152     145     180     181     174     154     143     116     157     206     226
 183    144     107     105     103      99      93      85
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   44 I   167     151     159     181     193     180     162     153     130     175     225     232
 171    139     115     114     110     102      94      84
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   43 I   179     158     169     180     204     185     171     163     146     195     243     233
 171    131     126     122     114     104      93      82
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   42 I   182     182     174     177     214     189     182     175     165     217     260     230
 169    140     136     128     117     104      90      78
      I     +       +       +       +       +       +       +       +       +       +       +       +
  +       +       +       +       +       +       +       +
   41 I   188     199     174     180     221     204     194     186     185     240     275     220
 163    153     144     131     116     101      86      85
```

```
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  40 I  194    207    197    194    228    223    208    199    207    266    287    204
173    163    149    131    113     95     94     97
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  39 I  191    223    223    204    233    241    230    212    232    295    294    202
186    169    149    128    107    104    106    103
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  38 I  179    231    248    215    238    261    257    233    259    326    290    214
194    171    146    122    116    117    114    109
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  37 I  185    225    272    261    245    281    291    292    293    359    274    224
197    172    144    131    130    128    120    101
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  36 I  178    211    280    309    300    365    382    357    346    387    260    226
203    172    149    145    145    134    110     86
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  35 I  159    210    271    341    363    492    499    479    387    406    261    239
208    173    165    166    150    120     97    109
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  34 I  144    191    250    349    401    553    631    520    453    403    278    252
205    190    194    169    131    117    128    149
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  33 I  137    182    236    339    458    515    610    497    532    365    302    252
224    229    192    142    143    174    197    208
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  32 I  181    237    294    410    549    548    571    451    619    369    311    272
277    217    174    204    234    243    235    216
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  31 I  189    232    286    439    625    634    517    510    675    394    343    345
249    244    280    286    268    239    207    174
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  30 I  170    234    282    471    635    673    523    669    674    464    447    325
345    339    305    262    221    182    147    135
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  29 I  154    221    310    439    583    706    699    989    738    587    437    409
345    285    234    195    197    196    194    191
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  28 I  157    227    302    444    604   1006   1158   2227    990    568    419    320
302    293    285    276    266    258    253    246
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  27 I  160    274    382    467    656   1190   1772   3236   1066    670    499    412
377    356    337    318    301    285    271    258
      I     +      +      +      +      +      +      +      +      +      +      +      +
+      +      +      +      +      +      +      +
  26 I  226    348    418    472    691   1285   1954   1963   1187    757    555    435
371    326    292    266    246    231    221    213
```

```
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   25 I   262    350     364      414       717      1108      1852      2250      1019       643       465       361
294     250     221      199       182       172       166       163
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   24 I   245    289     283      392       651      1028      1845      1667       771       492       392       321
268     228     196      167       144       125       111       107
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   23 I   202    215     226      327       476       789       872       766       576       419       275       219
209     198     184      167       153       137       124       112
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   22 I   167    163     216      284       359       568       546       526       432       328       273       199
159     134     133      133       131       125       118       111
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   21 I   136    158     202      249       318       409       395       387       334       272       231       198
156     123     114      101        91        94        95        94
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   20 I   121    153     184      207       292       309       302       305       261       242       181       176
154     126     100       95        88        79        69        69
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   19 I   121    146     168      186       252       233       251       254       217       202       179       145
140     124     105       87        80        76        70        64
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   18 I   120    137     153      179       217       188       221       226       201       174       167       134
121     115     102       89        76        67        66        62
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   17 I   113    129     140      170       185       170       198       205       188       154       148       134
101     102      95       86        76        67        57        56
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   16 I   109    121     129      157       156       157       181       189       177       149       128       128
106      88      86       80        73        66        59        52
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   15 I   104    114     121      144       133       146       168       175       167       145       116       117
106      82      77       74        69        63        58        53
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   14 I    99    107     118      130       119       137       156       164       158       140       115       103
102      87      71       69        64        59        55        51
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   13 I    94    100     113      116       108       129       146       154       150       135       113        91
 95      87      70       66        62        56        52        48
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   12 I    89     94     107      104       100       121       137       144       142       130       111        89
 85      84      73       62        60        56        50        45
      I    +      +       +        +         +         +         +         +         +         +         +         +         +
+        +       +         +         +          +         +         +
   11 I    84     90      99       92        95       114       128       135       134       124       108        88
 75      79      73       60        58        55        50        44
```

```
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
   10 I    78      87      91      83      89     106     120     127     126     119     105      87
 69      72      71      62      55      53      50      44
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
    9 I    73      83      84      75      83      99     111     118     118     112     101      85
 68      64      67      62      53      51      49      45
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
    8 I    72      79      76      68      78      92     103     109     110     106      96      82
 67      57      62      61      54      49      47      44
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
    7 I    71      74      69      61      72      84      95     101     102      99      90      79
 65      54      56      58      54      46      45      43
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
    6 I    68      69      62      56      66      78      87      93      95      92      85      74
 62      52      50      54      53      47      43      42
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
    5 I    66      64      56      51      61      71      79      85      87      85      79      70
 59      50      45      49      50      47      41      41
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
    4 I    63      59      50      48      56      65      72      78      79      78      73      65
 56      47      44      45      47      46      42      39
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
    3 I    59      55      45      46      51      59      66      70      72      71      67      60
 52      45      43      40      43      44      42      37
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
    2 I    56      50      41      43      47      54      60      64      66      65      61      56
 48      42      41      37      40      41      41      37
        I     +       +       +       +       +       +       +       +       +       +       +       +
 +       +       +       +       +       +       +       +
    1 I    52      46      39      41      43      49      54      58      59      59      56      51
 45      41      39      36      36      39      39      37
        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 ** -2

```
   51 I    68      65      62      59      56      52      48      44      41      39      43
        I     +       +       +       +       +       +       +       +       +       +
   50 I    70      67      64      60      56      52      47      43      41      46      49
        I     +       +       +       +       +       +       +       +       +       +
   49 I    73      69      65      60      55      51      46      44      49      51      50
        I     +       +       +       +       +       +       +       +       +       +
   48 I    75      70      65      60      54      49      48      53      54      52      47
        I     +       +       +       +       +       +       +       +       +       +
   47 I    77      71      65      58      52      52      57      58      55      49      44
```

```
     I     +      +      +      +      +      +      +      +      +      +      +
46   I    77     70     63     56     56     61     61     57     52     46     40
     I     +      +      +      +      +      +      +      +      +      +      +
45   I    77     68     60     60     65     65     60     55     49     41     35
     I     +      +      +      +      +      +      +      +      +      +      +
44   I    74     65     65     70     69     64     59     52     43     39     42
     I     +      +      +      +      +      +      +      +      +      +      +
43   I    71     71     76     74     70     63     55     46     43     45     46
     I     +      +      +      +      +      +      +      +      +      +      +
42   I    78     82     79     75     68     58     48     48     49     51     57
     I     +      +      +      +      +      +      +      +      +      +      +
41   I    89     85     82     73     62     50     53     53     59     64     65
     I     +      +      +      +      +      +      +      +      +      +      +
40   I    93     90     79     66     55     58     61     67     70     70     67
     I     +      +      +      +      +      +      +      +      +      +      +
39   I    98     86     70     62     63     71     76     77     73     83     92
     I     +      +      +      +      +      +      +      +      +      +      +
38   I    93     75     70     73     81     84     81     92    102    110    115
     I     +      +      +      +      +      +      +      +      +      +      +
37   I    80     77     86     92     91    103    115    123    128    129    125
     I     +      +      +      +      +      +      +      +      +      +      +
36   I    91    100    102    115    129    139    143    142    137    127    116
     I     +      +      +      +      +      +      +      +      +      +      +
35   I   114    131    148    158    161    158    149    137    122    106     90
     I     +      +      +      +      +      +      +      +      +      +      +
34   I   170    180    182    175    163    147    128    109     94     90     86
     I     +      +      +      +      +      +      +      +      +      +      +
33   I   206    195    177    156    134    112    103     97     89     82     74
     I     +      +      +      +      +      +      +      +      +      +      +
32   I   192    165    139    118    110    100     91     81     81     81     80
     I     +      +      +      +      +      +      +      +      +      +      +
31   I   143    126    113    101    102    102    102    100     98     96     94
     I     +      +      +      +      +      +      +      +      +      +      +
30   I   137    137    136    134    131    128    125    121    120    121    121
     I     +      +      +      +      +      +      +      +      +      +      +
29   I   186    180    174    173    172    170    168    166    163    159    155
     I     +      +      +      +      +      +      +      +      +      +      +
28   I   239    232    224    217    209    202    195    188    181    173    165
     I     +      +      +      +      +      +      +      +      +      +      +
27   I   245    233    222    211    200    191    182    173    165    157    148
     I     +      +      +      +      +      +      +      +      +      +      +
26   I   205    197    189    181    174    167    160    153    146    139    128
     I     +      +      +      +      +      +      +      +      +      +      +
25   I   160    156    152    148    144    140    135    130    125    120    111
     I     +      +      +      +      +      +      +      +      +      +      +
24   I   106    106    105    104    103    102    100     98     95     91     85
     I     +      +      +      +      +      +      +      +      +      +      +
23   I   101     92     83     76     72     70     68     66     63     62     59
     I     +      +      +      +      +      +      +      +      +      +      +
22   I   103     96     89     82     76     70     64     58     53     50     48
     I     +      +      +      +      +      +      +      +      +      +      +
21   I    92     89     86     82     77     73     68     63     59     54     50
     I     +      +      +      +      +      +      +      +      +      +      +
20   I    72     73     74     73     72     70     67     64     61     58     54
     I     +      +      +      +      +      +      +      +      +      +      +
19   I    56     54     56     59     60     61     60     59     58     56     54
     I     +      +      +      +      +      +      +      +      +      +      +
18   I    58     53     47     46     45     48     49     50     51     51     50
     I     +      +      +      +      +      +      +      +      +      +      +
17   I    54     52     49     45     40     38     37     39     41     43     43
```

```
    I      +      +      +      +      +      +      +      +      +      +      +
16  I     49     49     46     44     42     39     35     31     31     33     35
    I      +      +      +      +      +      +      +      +      +      +      +
15  I     47     43     43     42     40     39     36     34     31     27     26
    I      +      +      +      +      +      +      +      +      +      +      +
14  I     47     43     39     38     38     37     35     34     32     30     27
    I      +      +      +      +      +      +      +      +      +      +      +
13  I     45     42     40     36     34     34     34     32     31     30     28
    I      +      +      +      +      +      +      +      +      +      +      +
12  I     42     40     38     36     34     30     31     31     30     28     28
    I      +      +      +      +      +      +      +      +      +      +      +
11  I     40     38     36     35     33     31     29     28     28     27     26
    I      +      +      +      +      +      +      +      +      +      +      +
10  I     39     35     34     32     32     31     29     27     25     25     25
    I      +      +      +      +      +      +      +      +      +      +      +
 9  I     40     35     32     30     29     29     28     27     26     23     23
    I      +      +      +      +      +      +      +      +      +      +      +
 8  I     40     35     31     28     27     27     26     26     25     24     22
    I      +      +      +      +      +      +      +      +      +      +      +
 7  I     40     36     31     28     25     25     24     24     24     24     23
    I      +      +      +      +      +      +      +      +      +      +      +
 6  I     39     36     32     28     24     23     23     23     22     22     22
    I      +      +      +      +      +      +      +      +      +      +      +
 5  I     39     36     32     28     25     22     21     21     21     21     21
    I      +      +      +      +      +      +      +      +      +      +      +
 4  I     38     35     32     29     25     22     20     19     20     20     19
    I      +      +      +      +      +      +      +      +      +      +      +
 3  I     36     35     32     29     26     23     20     18     18     18     19
    I      +      +      +      +      +      +      +      +      +      +      +
 2  I     35     34     32     29     26     23     20     18     17     17     17
    I      +      +      +      +      +      +      +      +      +      +      +
 1  I     34     33     31     29     27     24     21     18     16     15     16
    I      +      +      +      +      +      +      +      +      +      +      +

        ----------------------------------------------------------------
          41     42     43     44     45     46     47     48     49     50     51
                                                            PM10           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    7.7836E+00  (2009,193,2300)
      2        720.554  6057.763    1.3755E+00  (2009,178,2300)
      3        719.615  6057.709    2.1620E+00  (2009,175,2300)
```

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

   Species & Concentration/Deposition Information
                    Requested Species Number: 3
                              Species: PM2.5

```
                      Layer of processed data:     1
        (>0=conc, -1=dry flux, -2=wet flux, -3=wet & dry flux)
                   Multiplicative scaling factor: 0.0000E+00
                          Additive scaling term: 0.0000E+00
                   Hourly background values used?: F



  Visibility Processing is NOT Selected




  Output options
                      Units requested for output:    (ug/m**3)

  Averaging time(s) selected
        User-specified averaging time (hr:mm:ss):    0: 0: 0
                                   1-pd averages:    F
                                   1-hr averages:    F
                                   3-hr averages:    F
                                  24-hr averages:    T
                        User-specified averages:    F
                        Length of run averages:    T


  Output components selected
                                         Top-50:    T
                    Top-N values at each receptor:    T
              Exceedance counts at each receptor:    F
        Output selected information for debugging:    F
                    Echo tables for selected days:    F
                    Time-series for selected days:    F
        Peak value Time-series for selected days:    F


  Top "n" table control
        Number of "top" values at each receptor:    1
        Specific ranks of "top" values reported:   1



  Plot file option
                             Plot files created:    T
                     Plot file format is DATA: .DAT

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



 MAPSPEC:  Species Mapping
   Number of species-levels in file  :  3
   Number of species-levels processed:  4

   Input species-levels in file processed
   Input ID  Processing ID     Name
      1           1           TSP           1
      2           2           PM10          1
      3           3           PM2.5         1
```

```
   All processed species-levels available
           Processing ID     Name
                   1         TSP             1
                   2         PM10            1
                   3         PM2.5           1
                   4         NO2             1

   Processed species-level associated with background
           Processing ID     Name
                   3         PM2.5           1

      Visibility Species
           Processing ID     Name
no2gas             4         NO2             1



   IDENTIFICATION OF PROCESSED MODEL FILE ----------

   CALPUFF     7.3.1          171016

   CALPUFF KIPT Construction Model, Rev B 20180706



   Averaging time for values reported from model:
        1    HOUR

   Number of averaging periods in file from model:
        8760

   Chemical species names for each layer in model:
   TSP             1
   PM10            1
   PM2.5           1



   QA Information -- Internal Representation of Data

   CONTENTS OF CONTROL FILE ------------------------
    METRUN              = 1
       (so times in model output file are used)
    isyr,ismo,isdy      = 2008 12 31
    ishr,ismin,issec    = 23 0 0
    ieyr,iemo,iedy      = 2009 12 31
    iehr,iemin,iesec    = 23 0 0
    nper                = 8760

   Data may be processed only within certain hours
       Hour 01 is processed for all averages
       Hour 02 is processed for all averages
       Hour 03 is processed for all averages
       Hour 04 is processed for all averages
       Hour 05 is processed for all averages
       Hour 06 is processed for all averages
       Hour 07 is processed for all averages
       Hour 08 is processed for all averages
       Hour 09 is processed for all averages
       Hour 10 is processed for all averages
```