841156
BARB

CORRECTED FIELD DATA

AUG. 14, 1983

```
PPM300  #10048 B=80
08/14  8:15:00
08/14  8:15:53
08/14 19:09:09
08/14  8:15:00
08/14  8:17:49
08/14 19:09:11
OP    #1
            57000.0              2750    475
                                 2750    475     #1
08:15:43 58307.5 .10             2750    475     88
08:16:02 58307.9 .09             2750    475     88
08:16:08 58308.0 .09             2750    475     88
                                 2050   1000     #4
   1309.8 56726.4 .06            2050   1000     88
   1311.8 56729.5 .06            2050    975     88
   1310.7 56715.6 .07            2050    950     88
   1308.2 56732.7 .06            2050    925     88
   1307.4 56745.6 .06            2050    900     88
   1307.9 56759.6 .06            2050    875     88
   1307.8 56770.2 .07            2050    850     88
   1307.7 56795.4 .06            2050    825     88
   1305.0 56788.2 .10            2050    800     88
   1305.6 56853.2 .06            2050    775     88
   1305.9 56765.5 .06            2050    750     88
   1306.1 56985.2 .09            2050    725     88
   1306.2 56881.3 .06            2050    700     88
   1306.3 56894.3 .08            2050    675     88
   1306.2 56912.1 .07            2050    650     88
   1306.1 56988.0 .07            2050    625     88
   1306.5 56983.1 .08            2050    600     88
   1310.7 56948.4 .07            2050    575     88
   1311.8 56976.7 .07            2050    550     88
   1311.3 56955.8 .06            2050    525     88
   1310.4 56984.6 .09            2050    500     88
   1309.6 56990.8 .06            2050    475     88
```

```
1309.0 57064.4  .06       2050     450     88
1309.1 57193.6  .08       2050     425     88
1308.4 57582.1  .10       2050     400     88
1309.2 63499.2  .13       2050     375     88
1307.9 65535.7  .36       2050     350     79
1306.9 60389.4  4.5       2050     325     88
1306.4 53389.9  .15       2050     300     88
1306.4 53392.0  .08       2050     300     88
1306.1 54850.6  .08       2050     275     88
1306.5 55771.0  .09       2050     250     88
1307.1 57011.1  .09       2050     225     88
1307.5 57817.5  .08       2050     200     88
1308.2 56757.6  .06       2050     175     88
1308.5 57159.2  .06       2050     150     88
1309.0 56580.1  .08       2050     125     88
1308.5 57178.4  .08       2050     100     88
1307.5 57296.6  .07       2050      75     88
1306.1 58607.1  .09       2050      50     88
1306.1 58695.7  .06       2050      25     88
1306.4 58577.4  .07       2050       0     88
[illegible] 57741.4  .08       2050     -25     88
[illegible] 53901.2  .08       2050     -50     88
[illegible] 54[illegible]1.7  1.4       2050     -75     88
1305.[illegible] [illegible]       2050    -100     88
[illegible]  .08       2050    -125     [illegible]
1306.[illegible] [illegible]       2050    -150     [illegible]
[illegible] .0       2050    -175     88
[illegible] 53862.1  4.3       2050    -200     [illegible]
[illegible] 48566.0  5.7       2050    -225     [illegible]
[illegible] 48531.0  6.2       2050    -225     [illegible]
1320.0 55509.5  .09       2050    -250     [illegible]
1320.8 53342.8  .06       2050    -275     [illegible]
1320.3 55192.6  .09       2050    -300     [illegible]
1318.7 55660.2  .08       2050    -325     [illegible]
1318.3 55774.0  .07       2050    -350     88
1318.7 55893.1  .06       2050    -375     88
1317.6 55949.4  .06       2050    -400     88
1317.1 55982.8  .06       2050    -425     88
1316.8 56010.8  .06       2050    -450     88
1316.4 56028.4  .06       2050    -475     88
1316.0 56055.4  .06       2050    -500     88
                          2150    -500    #57
1314.9 56060.5  .07       2150    -500     88
1313.7 56050.2  .06       2150    -475     88
1313.5 56025.1  .06       2150    -450     88
```

```
1313.6  55997.6  .06        2150   -425    88
1313.4  55964.7  .09        2150   -400    88
1311.9  55921.3  .06        2150   -375    88
1310.7  55902.5  .05        2150   -350    88
1309.1  55712.1  .06        2150   -325    88
1308.7  55499.0  .06        2150   -300    88
1308.8  55521.3  .07        2150   -275    88
1308.6  55728.3  .08        2150   -250    88
1308.1  56260.2  .06        2150   -225    88
1307.4  57470.8  3.7        2150   -200    88
1306.1  58529.3  5.6        2150   -175    88
1304.9  56289.6  .11        2150   -150    88
1305.1  56349.1  .06        2150   -125    88
1305.4  56397.4  .06        2150   -100    88
1305.7  56450.3  .07        2150    -75    88
1305.9  56719.3  .08        2150    -50    88
1306.4  56241.6  .06        2150    -25    88
1306.7  56447.8  .07        2150     -0    88
1306.7  56826.4  .08        2150     25    88
1306.6  56666.3  .09        2150     50    88
1306.7  58051.5  .15        2150     75    88
1306.8  57194.9  .07        2150    100    88
1307.1  56850.3  .08        2150    125    88
1306.5  56856.2  .07        2150    150    88
1307.0  57105.6  .09        2150    175    88
1306.9  56664.2  .07        2150    200    88
1305.8  57290.0  .14        2150    225    88
1305.0  57265.9  .07        2150    225    88
1304.3  58668.9  .06        2150    250    88
1304.1  57889.9  .06        2150    275    88
1304.4  57076.7  .07        2150    300    88
1304.5  55730.2  .10        2150    325    88
1304.3  57571.8  .12        2150    350    88
1302.2  57342.7  .09        2150    375    88
1302.6  57342.8  .07        2150    400    88
1301.2  57236.4  .08        2150    425    88
1300.8  57139.0  .08        2150    450    88
1300.4  57164.6  .07        2150    475    88
1299.7  56989.4  .07        2150    500    88
1254.3  56985.5  .07        2150    525    88
1283.9  56997.0  .07        2150    550    88
1323.8  56962.8  .07        2150    575    88
1422.8  56813.8  .06        2150    600    88
1323.2  56887.3  .07        2150    625    88
1316.1  56868.2  .08        2150    650    88
1340.0  56822.2  .07        2150    675    88
1325.1  56911.3  .08        2150    700    88
1310.1  56785.9  .07        2150    725    88
1301.2  56706.5  .06        2150    750    88
1301.4  56771.4  .09        2150    775    88
1301.8  56757.4  .06        2150    800    88
1301.9  56745.8  .07        2150    825    88
1302.1  56758.3  .10        2150    850    88
1302.0  56727.4  .06        2150    875    88
1301.9  56795.7  .07        2150    900    88
```

```
  1302.0 [illegible]29.5  .06         2150    925    88
  1302.1 [illegible].6  .07         2150    950    88
  1302.1 [illegible]                2150    975    88
  1301.6  56628.7  .07         2150   1000    88
                               2200   1000  #129
  1283.6  56660.9  .06         2200   1000    88
  1389.2  56548.2  .05         2200    975    88
  1386.0  56561.1  .07         2200    950    88
  1327.8  56613.6  .08         2200    925    88
  1289.2  56684.5  .07         2200    900    88
  1281.1  56934.7  .09         2200    875    88
  1277.4  56793.3  .07         2200    850    88
  1278.9  56836.6  .08         2200    825    88
  1286.1  56794.5  .09         2200    800    88
  1293.4  56776.5  .06         2200    775    88
  1318.4  56727.6  .06         2200    750    88
  1350.3  56726.2  .06         2200    725    88
  1307.6  56895.9  .07         2200    700    88
                               9210   1665  #142
63:66:01  57842.3  .06         9210   1665  *  28
                               2200    650  #143
13:07:16  58231.9  .08         2200    650  *  88
13:17:48  58636.9  .11         2200    625    88
13:18:29  58198.1  .07         2200    600    88
13:19:16  58213.0  .08         2200    575    88
13:19:51  58339.9  .07         2200    550    88
13:20:41  58250.2  .06         2200    525    88
13:21:19  58319.1  .07         2200    500    88
13:21:52  58291.3  .09         2200    475    88
13:29:19  58375.8  .08         2200    450    88
13:30:25  58374.1  .06         2200    425    88
13:31:24  58400.1  .10         2200    400    88
13:32:05  58509.9  .08         2200    375    88
13:32:49  58539.8  .07         2200    350    88
13:33:52  58703.0  .07         2200    325    88
13:35:17  59015.4  .08         2200    300    88
13:36:03  59700.4  .07         2200    275    88
13:37:48  61729.9  .08         2200    250    88
13:39:02  58268.8  5.1         2200    225    88
13:41:07  60186.7  .08         2200    200    88
13:42:01  63403.7  .13         2200    175    88
13:49:53  73859.1  3.3         2200    150    38
13:50:20  75192.4  15.         2200    150    56
13:50:53  75501.0  9.9         2200    150    47
13:51:08  74904.3  14.         2200    150    58
13:51:19  74014.9  14.         2200    150    48
13:51:33  75801.6  18.         2200    150    48
13:54:13  54293.3  .80         2200    125    88
13:55:21  56739.5  .11         2200    100    88
13:56:27  57000.3  .07         2200     75    88
13:58:36  56899.9  .05         2200     50    88
13:59:31  56956.2  .08         2200     25    88
14:00:44  56922.0  .07         2200      0    88
```

REDONE AUG. 15, 1983

```
14:01:48 57305.5  .07        2200    -25     88
14:03:05 57600.6  .06        2200    -50     88
14:04:[illegible] 57776.2  .06        2200    -75     88
14:05:18 57804.2  .07        2200   -100     88
14:06:27 57744.3  .07        2200   -125     88
14:07:38 57459.8  .07        2200   -150     88
14:08:46 57885.3  .07        2200   -175     88
14:10:39 59230.3  .06        2200   -200     88
14:12:21 54921.6  1.7        2200   -225     87
14:13:16 54626.3  3.7        2200   -225     83
14:13:42 63807.4  55.        2200   -225     33
14:15:16 73763.6  5.6        2200   -225     27
14:15:34 72226.6  12.        2200   -225     37
14:17:09 56218.3  .06        2200   -250     88
14:18:10 56511.5  .07        2200   -275     88
14:19:25 56835.3  .09        2200   -300     88
14:20:42 57081.8  .07        2200   -325     88
14:22:08 57194.4  .06        2200   -350     88
14:23:42 57237.1  .07        2200   -375     88
14:25:02 57273.4  .08        2200   -400     88
14:26:01 57307.7  .07        2200   -425     88
14:28:17 57348.7  .07        2200   -450     88
14:29:06 57371.7  .07        2200   -475     88
14:30:45 57438.3  .09        2200   -500     88
                             2100   -500   #199
14:41:46 57362.0  .07        2100   -500     88
14:43:40 57295.9  .05        2100   -475     88
14:45:30 57276.7  .06        2100   -450     88
14:47:30 57265.3  .08        2100   -425     88
14:49:18 57245.0  .05        2100   -400     88
14:50:59 57140.[illegible]  .06        2100   -375     88
14:53:18 56993.0  .06        2100   -350     88
14:55:05 56777.7  .06        2100   -325     88
14:56:23 56817.2  .09        2100   -300     88
14:58:23 56955.2  .08        2100   -275     88
15:00:41 57070.0  .07        2100   -250     88
15:01:55 56937.7  .06        2100   -225     88
15:03:02 56876.5  .08        2100   -200     88
15:04:26 58419.1  .13        2100   -175     88
15:06:28 57812.9  .07        2100   -150     88
15:08:15 57111.8  .06        2100   -125     88
15:10:34 56956.6  .08        2100   -100     88
15:11:59 57257.1  .07        2100    -75     88
15:13:23 57982.3  .09        2100    -50     88
15:14:23 58645.5  .09        2100    -25     88
15:15:25 59025.1  .09        2100     -0     88
15:16:05 58899.4  .06        2100     25     88
15:19:12 58637.3  .07        2100     50     88
15:21:56 5[illegible].5  .07        2100     75     88
15:24:[illegible] 58[illegible].5  .06        2100    100     88
15:2[illegible] 5[illegible].6  .06        2100    125     88
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REDONE AUG 16, 1983

```
15:29:03 57864.3 4.8          2100    150    88
15:31:18 48944.3 7.6          2100    175    68
15:31:32 48541.9 5.9          2100    175    68
15:31:45 49238.3 4.7          2100    175    88
15:32:08 50898.5 4.8          2100    175    88
15:32:27 49345.5 2.4          2100    175    88
15:34:41 61734.9 3.8          2100    200    88
15:34:49 61821.3 4.9          2100    200    88
  1305.2 60242.5  .37         2100    200    68
  1307.4 58899.8  .08         2100    225    88
  1305.6 58033.1  .08         2100    250    88
  1304.1 58086.3 4.0          2100    275    88
  1304.8 61247.7 6.3          2100    300    88
  1305.9 65014.5 3.0          2100    300    68
  1306.2 61639.9 1.9          2100    300    68
  1306.7 61652.1 2.5          2100    325    88
  1306.8 62128.4  .54         2100    325    88
  1306.9 62684.9  .58         2100    325    68
  1307.1 58790.7  .08         2100    350    88
  1306.9 58178.6  .07         2100    375    88
  1306.3 57334.9  .07         2100    400    88
  1306.4 57180.8  .09         2100    425    88
  1307.1 57092.0  .07         2100    450    88
  1307.2 57043.5  .07         2100    475    88
  1306.9 57035.3  .07         2100    500    88
  1306.9 56997.1  .07         2100    525    88
  1306.5 56937.3  .07         2100    550    88
  1305.9 56941.6  .06         2100    575    88
  1308.5 56917.2  .06         2100    600    88
  1307.7 56897.2  .08         2100    625    88
  1307.4 56869.1  .06         2100    650    88
  1307.2 56859.4  .08         2100    675    88
  1307.1 56854.2  .07         2100    700    88
  1306.8 56799.3  .09         2100    725    88
  1306.6 56803.0  .09         2100    750    88
  1308.3 56759.6  .06         2100    775    88
  1308.5 56780.8  .06         2100    800    88
  1308.6 56765.5  .06         2100    825    88
  1308.3 56760.4  .08         2100    850    88
  1308.0 56758.0  .06         2100    875    88
  1307.5 56708.8  .06         2100    900    88
  1308.4 56688.3  .12         2100    925    88
  1308.7 56670.8  .07         2100    950    88
  1308.6 56652.8  .07         2100    975    88
  1309.2 56638.9  .07         2100   1000    88
                              2750    475  #270
18:34:44 58359.9  .10         2750    475    88
18:34:55 58360.4  .09         2750    475    88
18:35:00 58360.4  .09         2750    475    88
```

RAW BASE DATA

AUG. 14, 1983

```
PPM400  #10050 B=74
08/14  8:15:00
08/14  8:17:49
08/14 19:01:51
00/00  0:00:00
00/00  0:00:00
00/00  0:00:00
OP    #1
         57000.0           2750   475
08:17:25 58306.8            0.0  1306.8    1
08:18:17 58307.8            1.0  1307.8    2
08:20:17 58309.7            1.9  1309.7    3
08:22:17 58310.5            0.8  1310.5    4
08:24:17 58311.5            1.0  1311.5    5
08:26:17 58311.9            0.4  1311.9    6
08:28:17 58312.4            0.5  1312.4    7
08:30:17 58312.9            0.5  1312.9    8
08:32:17 58312.5           -0.4  1312.5    9
08:34:17 58312.4           -0.1  1312.4   10
08:36:17 58311.2           -1.2  1311.2   11
08:38:17 58310.4           -0.8  1310.4   12
08:40:17 58309.6           -0.8  1309.6   13
08:42:17 58309.9            0.3  1309.9   14
08:44:17 58312.0            2.1  1312.0   15
08:46:17 58311.4           -0.6  1311.4   16
08:48:17 58308.2           -3.2  1308.2   17
08:50:17 58307.2           -1.0  1307.2   18
08:52:17 58307.9            0.7  1307.9   19
08:54:17 58307.8           -0.1  1307.8   20
08:56:17 58305.0           -2.8  1305.0   21
08:58:17 58306.0            1.0  1306.0   22
09:00:17 58306.3            0.3  1306.3   23
09:02:17 58306.1           -0.2  1306.1   24
```

```
09:04:17 58307.0          0.9  1307.0    25
09:06:17 58308.3          1.3  1308.3    26
09:08:17 58308.8          0.5  1308.8    27
09:10:17 58309.6          0.8  1309.6    28
09:12:17 58310.4          0.8  1310.4    29
09:14:17 58311.9          1.5  1311.9    30
09:16:17 58311.4         -0.5  1311.4    31
09:18:17 58310.8         -0.6  1310.8    32
09:20:17 58310.1         -0.7  1310.1    33
09:22:17 58309.0         -1.1  1309.0    34
09:24:17 58309.2          0.2  1309.2    35
09:26:17 58308.1         -1.1  1308.1    36
09:28:17 58309.5          1.4  1309.5    37
09:30:17 58308.2         -1.3  1308.2    38
09:32:17 58307.6         -0.6  1307.6    39
09:34:17 58306.8         -0.8  1306.8    40
09:36:17 58306.0         -0.8  1306.0    41
09:38:17 58307.1          1.1  1307.1    42
09:40:17 58307.2          0.1  1307.2    43
09:42:17 58308.1          0.9  1308.1    44
09:44:17 58308.5          0.4  1308.5    45
09:46:17 58309.1          0.6  1309.1    46
09:48:17 58308.1         -1.0  1308.1    47
09:50:17 58305.7         -2.4  1305.7    48
09:52:17 58306.4          0.7  1306.4    49
09:54:17 58306.3         -0.1  1306.3    50
09:56:17 58304.7         -1.6  1304.7    51
09:58:17 58304.4         -0.3  1304.4    52
10:00:17 58305.9          1.5  1305.9    53
10:02:17 58305.0         -0.9  1305.0    54
10:04:17 58306.6          1.6  1306.6    55
10:06:17 58307.8          1.2  1307.8    56
10:08:17 58308.9          1.1  1308.9    57
10:10:17 58309.7          0.8  1309.7    58
10:12:17 58312.2          2.5  1312.2    59
10:14:17 58314.2          2.0  1314.2    60
10:16:17 58317.1          2.9  1317.1    61
10:18:17 58318.4          1.3  1318.4    62
10:20:17 58319.7          1.3  1319.7    63
10:22:17 58320.9          1.2  1320.9    64
10:24:17 58319.0         -1.9  1319.0    65
10:26:17 58318.4         -0.6  1318.4    66
10:28:17 58318.9          0.5  1318.9    67
10:30:17 58317.3         -1.6  1317.3    68
10:32:17 58316.6         -0.7  1316.6    69
10:34:17 58316.2         -0.4  1316.2    70
10:36:17 58316.3          0.1  1316.3    71
10:38:17 58316.1         -0.2  1316.1    72
10:40:17 58316.1          0.0  1316.1    73
10:42:17 58315.6         -0.5  1315.6    74
10:44:17 58315.8          0.2  1315.8    75
10:46:17 58314.8         -1.0  1314.8    76
10:48:17 58313.3         -1.5  1313.3    77
10:50:17 58313.6          0.3  1313.6    78
```

```
10:52:17 58313.4         -0.2  1313.4   79
10:54:17 58311.0         -2.4  1311.0   80
10:56:17 58308.6         -2.4  1308.6   81
10:58:17 58308.8          0.2  1308.8   82
11:00:17 58308.8          0.0  1308.8   83
11:02:17 58308.5         -0.3  1308.5   84
11:04:17 58307.3         -1.2  1307.3   85
11:06:17 58305.6         -1.7  1305.6   86
11:08:17 58304.7         -0.9  1304.7   87
11:10:17 58305.2          0.5  1305.2   88
11:12:17 58305.6          0.4  1305.6   89
11:14:17 58305.8          0.2  1305.8   90
11:16:17 58306.5          0.7  1306.5   91
11:18:17 58306.8          0.3  1306.8   92
11:20:17 58306.6         -0.2  1306.6   93
11:22:17 58306.7          0.1  1306.7   94
11:24:17 58307.0          0.3  1307.0   95
11:26:17 58307.1          0.1  1307.1   96
11:28:17 58306.5         -0.6  1306.5   97
11:30:17 58306.5          0.0  1306.5   98
11:32:17 58307.0          0.5  1307.0   99
11:34:17 58306.9         -0.1  1306.9  100
11:36:17 58306.7         -0.2  1306.7  101
11:38:17 58305.5         -1.2  1305.5  102
11:40:17 58305.0         -0.5  1305.0  103
11:42:17 58304.5         -0.5  1304.5  104
11:44:17 58304.0         -0.5  1304.0  105
11:46:17 58304.6          0.6  1304.6  106
11:48:17 58304.3         -0.3  1304.3  107
11:50:17 58302.1         -2.2  1302.1  108
11:52:17 58303.1          1.0  1303.1  109
11:54:17 58302.0         -1.1  1302.0  110
11:56:17 58300.8         -1.2  1300.8  111
11:58:17 58300.6         -0.2  1300.6  112
12:00:17 58299.7         -0.9  1299.7  113
12:02:17 58241.7        -58.0  1241.7  114
12:04:17 58299.3         57.6  1299.3  115
12:06:17 58432.8        133.5  1432.8  116
12:08:17 58299.9       -132.9  1299.9  117
12:10:17 58344.1         44.2  1344.1  118
12:12:17 58301.1        -43.0  1301.1  119
12:14:17 58301.5          0.4  1301.5  120
12:16:17 58301.8          0.3  1301.8  121
12:18:17 58302.1          0.3  1302.1  122
12:20:17 58301.9         -0.2  1301.9  123
12:22:17 58302.0          0.1  1302.0  124
```

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12:26:17 58301.5         -0.6  1301.5  126
12:28:17 58301.4         -0.1  1301.4  127
12:30:17 58300.6         -0.8  1300.6  128
12:32:17 58301.1          0.5  1301.1  129
12:34:17 58300.7         -0.4  1300.7  130
12:36:17 58299.8         -0.9  1299.8  131
12:38:17 58433.1        133.3  1433.1  132
12:40:17 58298.6       -134.5  1298.6  133
12:42:17 58254.0        -44.6  1254.0  134
12:44:17 58296.0         42.0  1296.0  135
12:46:17 58330.4         34.4  1330.4  136
12:48:17 58296.7        -33.7  1296.7  137
12:50:17 58294.9         -1.8  1294.9  138
12:52:17 58294.7         -0.2  1294.7  139
12:54:17 58265.7        -29.0  1265.7  140
12:56:17 58293.2         27.5  1293.2  141
12:58:17 58446.8        153.6  1446.8  142
13:00:17 58294.9       -151.9  1294.9  143
13:02:17 58282.5        -12.4  1282.5  144
13:04:17 58275.6         -6.9  1275.6  145
13:06:17 58294.2         18.6  1294.2  146
13:08:17 58292.2         -2.0  1292.2  147
13:10:17 58355.1         62.9  1355.1  148
13:12:17 58291.1        -64.0  1291.1  149
13:14:17 58281.5         -9.6  1281.5  150
13:16:17 58227.4        -54.1  1227.4  151
13:18:17 58293.8         66.4  1293.8  152
13:20:17 58231.5        -62.3  1231.5  153
13:22:17 58293.4         61.9  1293.4  154
13:24:17 58219.8        -73.6  1219.8  155
13:26:17 58292.8         73.0  1292.8  156
13:28:17 58288.9         -3.9  1288.9  157
13:30:17 58212.6        -76.3  1212.6  158
13:32:17 58291.9         79.3  1291.9  159
13:34:17 58276.7        -15.2  1276.7  160
13:36:17 58291.1         14.4  1291.1  161
13:38:17 58287.8         -3.3  1287.8  162
13:40:17 58256.1        -31.7  1256.1  163
13:42:17 58290.7         34.6  1290.7  164
13:44:17 58256.0        -34.7  1256.0  165
13:46:17 58291.8         35.8  1291.8  166
13:48:17 58277.7        -14.1  1277.7  167
13:50:17 58294.2         16.5  1294.2  168
13:52:17 58354.1         59.9  1354.1  169
13:54:17 58296.6        -57.5  1296.6  170
13:56:17 58340.7         44.1  1340.7  171
13:58:17 58298.4        -42.3  1298.4  172
14:00:17 58382.5         84.1  1382.5  173
14:02:17 58323.3        -59.2  1323.3  174
14:04:17 58301.0        -22.3  1301.0  175
14:06:17 58300.8         -0.2  1300.8  176
14:08:17 58300.8          0.0  1300.8  177
14:10:17 58300.7         -0.1  1300.7  178
14:12:17 58300.4         -0.3  1300.4  179
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14:20:17  58302.5           0.4   1302.5   183
14:22:17  58302.9           0.4   1302.9   184
14:24:17  58304.0           1.1   1304.0   185
14:26:17  58303.3          -0.7   1303.3   186
14:28:17  58305.8           2.5   1305.8   187
14:30:17  58304.6          -1.2   1304.6   188
14:32:17  58306.2           1.6   1306.2   189
14:34:17  58305.9          -0.3   1305.9   190
14:36:17  58305.9           0.0   1305.9   191
14:38:17  58305.2          -0.7   1305.2   192
14:40:17  58305.3           0.1   1305.3   193
14:42:17  58304.9          -0.4   1304.9   194
14:44:17  58303.8          -1.1   1303.8   195
14:46:17  58304.4           0.6   1304.4   196
14:48:17  58302.4          -2.0   1302.4   197
14:50:17  58301.0          -1.4   1301.0   198
14:52:17  58301.8           0.8   1301.8   199
14:54:17  58302.6           0.8   1302.6   200
14:56:17  58300.8          -1.8   1300.8   201
14:58:17  58300.7          -0.1   1300.7   202
15:00:17  58300.8           0.1   1300.8   203
15:02:17  58299.1          -1.7   1299.1   204
15:04:17  58242.1         -57.0   1242.1   205
15:06:17  58305.2          63.1   1305.2   206
15:08:17  58303.7          -1.5   1303.7   207
15:10:17  58303.8           0.1   1303.8   208
15:12:17  58302.8          -1.0   1302.8   209
15:14:17  58301.0          -1.8   1301.0   210
15:16:17  58301.2           0.2   1301.2   211
15:18:17  58303.8           2.6   1303.8   212
15:20:17  58303.2          -0.6   1303.2   213
15:22:17  58304.0           0.8   1304.0   214
15:24:17  58303.7          -0.3   1303.7   215
15:26:17  58304.2           0.5   1304.2   216
15:28:17  58304.1          -0.1   1304.1   217
15:30:17  58304.7           0.6   1304.7   218
15:32:17  58304.9           0.2   1304.9   219
15:34:17  58305.2           0.3   1305.2   220
15:36:17  58305.1          -0.1   1305.1   221
15:38:17  58307.7           2.6   1307.7   222
15:40:17  58304.1          -3.6   1304.1   223
15:42:17  58305.2           1.1   1305.2   224
15:44:17  58306.6           1.4   1306.6   225
15:46:17  58307.1           0.5   1307.1   226
15:48:17  58307.1           0.0   1307.1   227
15:50:17  58306.8          -0.3   1306.8   228
15:52:17  58306.2          -0.6   1306.2   229
15:54:17  58306.7           0.5   1306.7   230
15:56:17  58307.4           0.7   1307.4   231
15:58:17  58307.2          -0.2   1307.2   232
16:00:17  58306.7          -0.5   1306.7   233
16:02:17  58308.0           1.3   1308.0   234
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16:06:17  58306.6               0.1  1306.6  236
16:08:17  58308.6               2.0  1308.6  237
16:10:17  58307.5              -1.1  1307.5  238
16:12:17  58307.2              -0.3  1307.2  239
16:14:17  58306.6              -0.6  1306.6  240
16:16:17  58308.3               1.7  1308.3  241
16:18:17  58308.6               0.3  1308.6  242
16:20:17  58307.9              -0.7  1307.9  243
16:22:17  58306.9              -1.0  1306.9  244
16:24:17  58306.5              -0.4  1306.5  245
16:26:17  58307.4               0.9  1307.4  246
16:28:17  58307.7               0.3  1307.7  247
16:30:17  58308.8               1.1  1308.8  248
16:32:17  58308.6              -0.2  1308.6  249
16:34:17  58310.2               1.6  1310.2  250
16:36:17  58312.7               2.5  1312.7  251
16:38:17  58314.5               1.8  1314.5  252
16:40:17  58315.7               1.2  1315.7  253
16:42:17  58316.7               1.0  1316.7  254
16:44:17  58317.4               0.7  1317.4  255
16:46:17  58319.1               1.7  1319.1  256
16:48:17  58320.8               1.7  1320.8  257
16:50:17  58321.5               0.7  1321.5  258
16:52:17  58323.4               1.9  1323.4  259
16:54:17  58322.7              -0.7  1322.7  260
16:56:17  58323.8               1.1  1323.8  261
16:58:17  58325.8               2.0  1325.8  262
17:00:17  58325.2              -0.6  1325.2  263
17:02:17  58326.4               1.2  1326.4  264
17:04:17  58326.7               0.3  1326.7  265
17:06:17  58325.0              -1.7  1325.0  266
17:08:17  58322.6              -2.4  1322.6  267
17:10:17  58322.4              -0.2  1322.4  268
17:12:17  58321.9              -0.5  1321.9  269
17:14:17  58322.8               0.9  1322.8  270
17:16:17  58324.7               1.9  1324.7  271
17:18:17  58326.3               1.6  1326.3  272
17:20:17  58325.3              -1.0  1325.3  273
17:22:17  58325.2              -0.1  1325.2  274
17:24:17  58324.9              -0.3  1324.9  275
17:26:17  58324.3              -0.6  1324.3  276
17:28:17  58323.9              -0.4  1323.9  277
17:30:17  58323.0              -0.9  1323.0  278
17:32:17  58322.5              -0.5  1322.5  279
17:34:17  58322.6               0.1  1322.6  280
17:36:17  58322.7               0.1  1322.7  281
17:38:17  58321.8              -0.9  1321.8  282
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17:40:17 58322.1            0.3  1322.1  283
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17:44:17 58322.7            0.3  1322.7  285
17:46:17 58323.0            0.3  1323.0  286
17:48:17 58323.9            0.9  1323.9  287
17:50:17 58325.5            1.6  1325.5  288
17:52:17 58328.4            2.9  1328.4  289
17:54:17 58329.7            1.3  1329.7  290
17:56:17 58333.9            4.2  1333.9  291
17:58:17 58336.3            2.4  1336.3  292
18:00:17 58338.2            1.9  1338.2  293
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18:04:17 58343.4            2.4  1343.4  295
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18:08:17 58344.6            1.0  1344.6  297
18:10:17 58347.3            2.7  1347.3  298
18:12:17 58347.3            0.0  1347.3  299
18:14:17 58349.5            2.2  1349.5  300
18:16:17 58349.3           -0.2  1349.3  301
18:18:17 58349.6            0.3  1349.6  302
18:20:17 58353.4            3.8  1353.4  303
18:22:17 58355.9            2.5  1355.9  304
18:24:17 58357.9            2.0  1357.9  305
18:26:17 58358.1            0.2  1358.1  306
18:28:17 58359.4            1.3  1359.4  307
18:30:17 58359.1           -0.3  1359.1  308
18:32:17 58358.7           -0.4  1358.7  309
18:34:17 58358.3           -0.4  1358.3  310
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CORRECTED FIELD DATA

AUG. 14, 1983

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08/14  8:15:53
08/14 19:05:25
08/14  8:15:00
08/14  8:17:49
08/14 19:05:27
OP    #1
         57000.0            2750   475
                            2750   475   #1
08:15:43 58307.5 .10        2750   475   88
08:16:02 58307.9 .09        2750   475   88
08:16:08 58308.0 .09        2750   475   88
                            2050  1000   #4
  1309.8 56726.4 .06        2050  1000   88
  1311.8 56729.5 .06        2050   975   88
  1310.7 56715.6 .07        2050   950   88
  1308.2 56732.7 .06        2050   925   88
  1307.4 56745.6 .06        2050   900   88
  1307.9 56759.6 .06        2050   875   88
  1307.8 56770.2 .07        2050   850   88
  1307.7 56795.4 .06        2050   825   88
  1305.0 56788.2 .10        2050   800   88
  1305.6 56853.2 .06        2050   775   88
  1305.9 56765.5 .06        2050   750   88
  1306.1 56985.2 .09        2050   725   88
  1306.2 56881.3 .06        2050   700   88
  1306.3 56894.3 .08        2050   675   88
  1306.2 56912.1 .07        2050   650   88
  1306.1 56988.0 .07        2050   625   88
  1306.5 56983.1 .08        2050   600   88
  1310.7 56948.4 .07        2050   575   88
  1311.8 56976.7 .07        2050   550   88
  1311.3 56955.8 .06        2050   525   88
  1310.4 56984.6 .09        2050   500   88
  1309.6 56980.8 .06        2050   475   88
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1309.0 57064.4  .06       2050   450   88
1309.1 57193.6  .08       2050   425   88
1308.4 57682.1  .10       2050   400   88
1309.2 63499.2  .13       2050   375   88
1307.9 65636.7  .36       2050   350   78
1306.9 60389.4  4.5       2050   325   88
1306.4 53389.9  .15       2050   300   88
1306.4 53392.0  .08       2050   300   88
1306.1 54850.6  .08       2050   275   88
1306.5 55771.0  .09       2050   250   88
1307.1 57011.1  .09       2050   225   88
1307.5 57017.5  .08       2050   200   88
1308.2 56757.6  .06       2050   175   88
1308.5 57159.2  .06       2050   150   88
1309.0 56690.1  .08       2050   125   88
1308.5 57178.4  .08       2050   100   88
1307.5 57392.6  .07       2050    75   88
1306.1 58607.1  .09       2050    50   88
1306.1 58695.3  .06       2050    25   88
1306.4 58277.1  .07       2050     0   88
1305.0 57741.4  .06       2050   -25   88
1304.6 59001.2  .08       2050   -50   88
1305.7 54771.3  1.4       2050   -75   88
1305.1 60055.9  6.0       2050  -100   88
1305.9 58950.0  .08       2050  -125   88
1306.7 60885.5  .11       2050  -150   88
1307.4 59232.3  .07       2050  -175   88
1308.3 59862.1  4.3       2050  -200   88
1318.3 48566.0  5.7       2050  -225   78
1318.7 48531.0  6.2       2050  -225   78
1320.0 55509.5  .09       2050  -250   88
1320.8 53342.8  .06       2050  -275   88
1320.3 55192.6  .09       2050  -300   88
1318.7 55669.2  .08       2050  -325   88
1318.7 55774.0  .07       2050  -350   88
1318.7 55893.1  .06       2050  -375   88
1317.8 55949.4  .06       2050  -400   88
1317.1 55982.8  .06       2050  -425   88
1316.8 56010.8  .06       2050  -450   88
1316.4 56028.4  .06       2050  -475   88
1316.2 56055.4  .06       2050  -500   88
                          2150  -500  #67
1314.9 56060.5  .07       2150  -500   88
1313.7 56050.2  .06       2150  -475   88
1313.5 56025.1  .06       2150  -450   88
1313.6 55997.6  .06       2150  -425   88
1313.4 55964.7  .09       2150  -400   88
1311.9 55921.7  .06       2150  -375   88
1310.7 55902.5  .05       2150  -350   88
1309.1 55712.1  .06       2150  -325   88
1308.7 55499.0  .06       2150  -300   88
1308.8 55521.3  .07       2150  -275   88
1308.6 55728.3  .08       2150  -250   88
1308.1 56260.2  .06       2150  -225   88
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1305.4  56387.4  .06        2150   -100    88
1305.7  56450.3  .07        2150    -75    88
1305.9  56719.3  .08        2150    -50    88
1306.4  56241.6  .06        2150    -25    88
1306.7  56447.8  .07        2150     -0    88
1306.7  56826.4  .08        2150     25    88
1306.6  56666.3  .09        2150     50    88
1306.7  58051.5  .15        2150     75    88
1306.8  57184.9  .07        2150    100    88
1307.1  56950.3  .08        2150    125    88
1306.5  56856.2  .07        2150    150    88
1307.0  57105.6  .09        2150    175    88
1306.9  56664.2  .07        2150    200    88
1305.8  57290.0  .14        2150    225    88
1305.0  57265.9  .07        2150    225    88
1304.3  58668.9  .06        2150    250    88
1304.1  57889.9  .06        2150    275    88
1304.4  57076.7  .07        2150    300    88
1304.5  55730.2  .10        2150    325    88
1304.3  57571.8  .12        2150    350    88
1302.2  57342.7  .09        2150    375    88
1302.6  57342.8  .07        2150    400    88
1301.2  57236.4  .08        2150    425    88
1300.8  57139.0  .08        2150    450    88
1300.4  57164.6  .07        2150    475    88
1299.7  56989.4  .07        2150    500    88
1254.3  56985.5  .07        2150    525    88
1283.9  56997.0  .07        2150    550    88
1323.8  56962.8  .07        2150    575    88
1422.8  56813.8  .06        2150    600    88
1323.2  56887.3  .07        2150    625    88
1316.1  56868.2  .08        2150    650    88
1340.0  56822.2  .07        2150    675    88
1325.1  56811.3  .08        2150    700    88
1310.1  56786.9  .07        2150    725    88
1301.2  56776.5  .06        2150    750    88
1301.4  56741.4  .09        2150    775    88
1301.8  56753.4  .06        2150    800    88
1301.9  56715.8  .07        2150    825    88
1302.1  56758.3  .10        2150    850    88
1302.0  56727.4  .06        2150    875    88
1301.9  56795.7  .07        2150    900    88
1302.0  56729.5  .06        2150    925    88
1302.1  56668.6  .07        2150    950    88
1302.1  56641.9  .08        2150    975    88
1301.6  56628.7  .07        2150   1000    88
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  1386.0  56561.1  .07                    2200    950    88
  1327.8  56613.6  .08                    2200    925    88
  1289.2  56684.5  .07                    2200    900    88
  1281.1  56934.7  .09                    2200    875    88
  1277.4  56793.3  .07                    2200    850    88
  1278.9  56836.6  .08                    2200    825    88
  1286.1  56794.5  .09                    2200    800    88
  1293.4  56776.5  .06                    2200    775    88
  1318.4  56727.6  .06                    2200    750    88
  1350.3  56726.2  .06                    2200    725    88
  1307.6  56895.9  .07                    2200    700    88
                                          9210   1665  #142
13:56:01  57842.3  .06                    9210   1665  *  28
                                          2200    650  #143
[illegible]  58231.9  .08                 2200    650  *  88
[illegible]:48  58636.9  .11              2200    625    88
[illegible]:29  58198.1  .07              2200    600    88
13:19:16  58213.0  .08                    2200    575    88
13:19:51  58339.9  .07                    2200    550    88
13:20:41  58250.2  .06                    2200    525    88
[illegible]:19  58319.1  .07              2200    500    88
[illegible]:32  58291.3  .09              2200    475    88
13:29:19  58375.8  .08                    2200    450    88
13:30:25  58374.1  .06                    2200    425    88
13:31:24  58400.1  .10                    2200    400    88
13:32:05  58509.9  .08                    2200    375    88
13:32:49  58539.8  .07                    2200    350    88
13:33:52  58703.0  .07                    2200    325    88
13:35:17  59015.4  .08                    2200    300    88
13:36:03  59700.4  .07                    2200    275    88
13:37:48  61729.9  .08                    2200    250    88
13:39:02  58268.8  5.1                    2200    225    88
13:41:07  60186.7  .08                    2200    200    88
13:42:01  63403.7  .13                    2200    175    88
13:49:53  73859.1  3.3                    2200    150    38
13:50:20  75192.4  15.                    2200    150    56
13:50:53  75501.0  9.9                    2200    150    47
13:51:08  74904.3  14.                    2200    150    58
13:51:19  74014.9  14.                    2200    150    48
13:51:33  75801.6  18.                    2200    150    48
13:54:13  54293.3  .80                    2200    125    88
13:55:21  56739.5  .11                    2200    100    88
13:56:27  57000.3  .07                    2200     75    88
13:58:36  56899.9  .05                    2200     50    88
13:59:31  56956.2  .08                    2200     25    88
14:00:44  56922.0  .07                    2200      0    88
14:01:48  57305.5  .07                    2200    -25    88
14:03:05  57600.6  .06                    2200    -50    88
14:04:02  57776.2  .06                    2200    -75    88
```

SEE AUG. 15, 1983

```
14:05:18  57804.2  .07      2200   -100    88
14:06:27  57744.3  .07      2200   -125    88
14:07:38  57459.8  .07      2200   -150    88
14:08:46  57885.3  .07      2200   -175    88
14:10:39  59230.3  .06      2200   -200    88
14:12:21  54921.6  1.7      2200   -225    87
14:13:16  54626.3  3.7      2200   -225    83
14:13:42  63807.4  55.      2200   -225    33
14:15:16  73763.6  5.6      2200   -225    27
14:15:34  72226.6  12.      2200   -225    37
14:17:09  56218.3  .06      2200   -250    88
14:18:10  56511.5  .07      2200   -275    88
14:19:25  56835.3  .09      2200   -300    88
14:20:42  57081.8  .07      2200   -325    88
14:22:08  57194.4  .06      2200   -350    88
14:23:42  57237.1  .07      2200   -375    88
14:25:02  57273.4  .08      2200   -400    88
14:26:01  57307.7  .07      2200   -425    88
14:28:17  57348.7  .07      2200   -450    88
14:29:06  57371.7  .07      2200   -475    88
14:30:45  57438.3  .09      2200   -500    88
                            2100   -500  #199
14:41:46  57362.0  .07      2100   -500    88
14:43:40  57295.9  .06      2100   -475    88
14:45:30  57276.7  .06      2100   -450    88
14:47:30  57265.3  .08      2100   -425    88
14:49:18  57245.0  .05      2100   -400    88
14:50:59  57140.9  .06      2100   -375    88
14:53:18  56993.0  .06      2100   -350    88
14:55:05  56777.7  .06      2100   -325    88
14:56:23  56817.2  .09      2100   -300    88
14:58:23  56955.2  .08      2100   -275    88
15:00:41  57070.0  .07      2100   -250    88
15:01:55  56937.7  .06      2100   -225    88
15:03:02  56876.5  .08      2100   -200    88
15:04:26  58419.1  .13      2100   -175    88
15:06:28  57812.9  .07      2100   -150    88
15:08:15  57111.8  .06      2100   -125    88
15:10:34  56956.6  .08      2100   -100    88
15:11:59  57257.1  .07      2100    -75    88
15:13:23  57982.3  .09      2100    -50    88
15:14:23  58645.5  .09      2100    -25    88
15:15:25  59025.1  .09      2100     -0    88
15:18:05  58899.4  .06      2100     25    88
15:19:12  58637.3  .07      2100     50    88
15:21:56  58508.5  .07      2100     75    88
15:24:27  58168.5  .06      2100    100    88
15:26:55  59782.6  .06      2100    125    88
15:29:09  57864.3  4.8      2100    150    88
15:31:16  48944.3  7.6      2100    175    68
15:31:32  48541.1  5.9      2100    175    68
15:31:45  49238.3  4.7      2100    175    88
15:32:06  50898.5  4.8      2100    175    88
15:32:27  49345.5  2.4      2100    175    88
```

SEE AUG. 16, 1983

ONLY DATA AVAILABLE

```
15:34:41 61734.9 3.8      2100   200   88
15:34:49 61821.3 4.9      2100   200   88
  1305.2 60242.5 .37      2100   200   68
  1307.4 58899.8 .08      2100   225   88
  1305.6 58033.1 .08      2100   250   88
  1304.1 58086.3 4.0      2100   275   88
  1304.8 61247.7 6.3      2100   300   88
  1305.9 65014.5 3.0      2100   300   68
  1306.2 61639.9 1.9      2100   300   68
  1306.7 61652.1 2.5      2100   325   88
  1306.8 62128.4 .54      2100   325   88
  1306.9 62684.9 .58      2100   325   68
  1307.1 58790.7 .08      2100   350   88
  1306.9 58178.6 .07      2100   375   88
  1306.3 57334.9 .07      2100   400   88
  1306.4 57180.8 .09      2100   425   88
  1307.1 57092.0 .07      2100   450   88
  1307.2 57043.5 .07      2100   475   88
  1306.9 57035.3 .07      2100   500   88
  1306.9 56997.1 .07      2100   525   88
  1306.5 56937.3 .07      2100   550   88
  1306.9 56941.6 .06      2100   575   88
  1308.5 56917.2 .06      2100   600   88
  1307.7 56897.2 .08      2100   625   88
  1307.4 56868.1 .06      2100   650   88
  1307.2 56859.4 .08      2100   675   88
  1307.1 56854.2 .07      2100   700   88
  1306.8 56799.3 .09      2100   725   88
  1306.6 56803.0 .09      2100   750   88
  1308.3 56759.6 .06      2100   775   88
  1308.5 56780.8 .06      2100   800   88
  1308.6 56765.5 .06      2100   825   88
  1308.3 56760.4 .08      2100   850   88
  1308.0 56758.0 .06      2100   875   88
  1307.5 56708.8 .06      2100   900   88
  1308.4 56688.3 .12      2100   925   88
  1308.7 56670.8 .07      2100   950   88
  1308.6 56652.8 .07      2100   975   88
  1309.2 56638.9 .07      2100  1000   88
                          2750   475 #270
18:34:44 58359.9 .10      2750   475   88
18:34:55 58360.4 .09      2750   475   88
18:35:00 58360.4 .09      2750   475   88
```

RAW FIELD DATA

AUG. 14, 1983

```
PPM300  #10048 B=80
08/14  8:15:53
OP    #1
                              2750   475    #1
08:15:43 58307.5 .10          2750   475    88
08:16:02 58307.9 .09          2750   475    88
08:16:08 58308.0 .09          2750   475    88
                              2050  1000    #4
```

```
08:41:25 58036.2 .06          2050  1000    88
08:44:53 58041.3 .06          2050   975    88
08:46:42 58026.3 .07          2050   950    88
08:48:21 58040.9 .06          2050   925    88
08:49:51 58053.0 .06          2050   900    88
08:52:36 58067.5 .06          2050   875    88
08:53:29 58078.0 .07          2050   850    88
08:54:23 58103.1 .06          2050   825    88
08:56:15 58093.2 .10          2050   800    88
08:57:23 58158.8 .06          2050   775    88
08:57:59 58071.4 .06          2050   750    88
08:58:40 58291.3 .09          2050   725    88
08:59:37 58187.5 .06          2050   700    88
09:00:27 58200.6 .08          2050   675    88
09:01:20 58218.3 .07          2050   650    88
09:02:20 58294.1 .07          2050   625    88
09:03:09 58289.6 .08          2050   600    88
09:12:44 58259.1 .07          2050   575    88
09:14:44 58288.5 .07          2050   550    88
09:16:38 58267.1 .06          2050   525    88
09:19:23 58295.0 .09          2050   500    88
09:21:16 58290.4 .06          2050   475    88
09:22:25 58373.4 .06          2050   450    88
09:23:41 58502.7 .08          2050   425    88
09:25:42 58990.5 .10          2050   400    88
09:28:48 64808.4 .13          2050   375    88
09:31:20 66944.6 .36          2050   350    78
09:34:01 61696.3 4.5          2050   325    88
09:35:11 54696.3 .15          2050   300    88
09:35:24 54698.4 .08          2050   300    88
09:36:03 56156.7 .08          2050   275    88
09:37:13 57077.5 .09          2050   250    88
09:38:45 58318.2 .09          2050   225    88
09:40:57 58325.0 .08          2050   200    88
09:42:43 58065.8 .06          2050   175    88
09:44:23 58467.7 .06          2050   150    88
09:45:54 57999.1 .08          2050   125    88
09:47:25 58486.9 .08          2050   100    88
09:48:48 58700.1 .07          2050    75    88
09:49:56 59913.2 .09          2050    50    88
09:51:26 60001.4 .06          2050    25    88
09:52:36 59583.5 .07          2050     0    88
09:55:55 59046.4 .06          2050   -25    88
09:56:53 60305.8 .08          2050   -50    88
10:00:04 56077.0 1.4          2050   -75    88
10:02:25 61361.0 6.0          2050  -100    88
10:03:26 60255.9 .08          2050  -125    88
10:04:30 62192.2 .11          2050  -150    88
10:05:38 60539.7 .07          2050  -175    88
10:08:06 61170.9 4.3          2050  -200    88
10:18:06 49884.3 5.7          2050  -225    78
10:18:48 49849.7 6.2          2050  -225    78
10:20:51 56829.5 .09          2050  -250    88
10:22:05 54663.6 .06          2050  -275    88
10:22:58 56512.9 .09          2050  -300    88
```

```
10:25:08 56987.9 .08        2050  -325    88
10:27:35 57092.7 .07        2050  -350    88
10:28:31 57211.8 .06        2050  -375    88
10:29:41 57267.2 .06        2050  -400    88
10:30:51 57299.9 .06        2050  -425    88
10:31:51 57327.6 .06        2050  -450    88
10:33:20 57344.8 .06        2050  -475    88
10:34:51 57371.6 .06        2050  -500    88
                            2150  -500   #67
10:46:00 57375.4 .07        2150  -500    88
10:47:49 57363.9 .06        2150  -475    88
10:49:26 57338.6 .06        2150  -450    88
10:50:44 57311.2 .06        2150  -425    88
10:52:02 57278.1 .09        2150  -400    88
10:53:30 57233.6 .06        2150  -375    88
10:54:32 57213.2 .05        2150  -350    88
10:55:50 57021.2 .06        2150  -325    88
10:57:01 56807.7 .06        2150  -300    88
10:59:20 56830.1 .07        2150  -275    88
11:01:26 57036.9 .08        2150  -250    88
11:02:58 57568.3 .06        2150  -225    88
11:04:10 58778.2 3.7        2150  -200    88
11:05:45 59835.4 5.6        2150  -175    88
11:07:45 57594.5 .11        2150  -150    88
11:09:57 57654.2 .06        2150  -125    88
11:11:20 57692.8 .06        2150  -100    88
11:12:50 57756.0 .07        2150   -75    88
11:14:29 58025.2 .08        2150   -50    88
11:15:55 57548.0 .06        2150   -25    88
11:17:18 57754.5 .07        2150    -0    88
11:18:59 58133.1 .08        2150    25    88
11:20:40 57972.9 .09        2150    50    88
11:21:37 59358.2 .15        2150    75    88
11:23:00 58491.7 .07        2150   100    88
11:25:38 58257.4 .08        2150   125    88
11:28:36 58162.7 .07        2150   150    88
11:32:30 58412.6 .09        2150   175    88
11:34:42 57971.1 .07        2150   200    88
11:37:43 58595.8 .14        2150   225    88
11:40:26 58570.9 .07        2150   225    88
11:43:08 59973.2 .06        2150   250    88
11:44:43 59194.0 .06        2150   275    88
11:45:38 58381.1 .07        2150   300    88
11:46:43 57034.7 .10        2150   325    88
11:48:02 58876.1 .12        2150   350    88
11:50:25 58644.9 .09        2150   375    88
11:53:16 58645.4 .07        2150   400    88
11:55:39 58537.6 .08        2150   425    88
11:56:33 58439.8 .08        2150   450    88
11:58:38 58465.0 .07        2150   475    88
```

```
12:00:12  58289.1  .07       2150    500    88
12:01:51  58239.8  .07       2150    525    88
12:03:45  58280.9  .07       2150    550    88
12:04:39  58286.6  .07       2150    575    88
12:06:26  58236.6  .06       2150    600    88
12:07:56  58210.5  .07       2150    625    88
12:09:01  58184.3  .08       2150    650    88
12:10:06  58162.2  .07       2150    675    88
12:11:10  58136.4  .08       2150    700    88
12:11:52  58097.0  .07       2150    725    88
12:12:40  58077.7  .06       2150    750    88
12:13:58  58042.8  .09       2150    775    88
12:16:19  58055.2  .06       2150    800    88
12:17:16  58017.7  .07       2150    825    88
12:18:04  58060.4  .10       2150    850    88
12:19:28  58029.4  .06       2150    875    88
12:20:53  58097.6  .07       2150    900    88
12:21:50  58031.5  .06       2150    925    88
12:23:51  57970.7  .07       2150    950    88
12:24:25  57944.0  .08       2150    975    88
12:25:58  57930.3  .07       2150   1000    88
                             2200   1000  #129
12:55:35  57944.5  .06       2200   1000    88
12:57:32  57937.4  .06       2200    975    88
12:59:05  57947.1  .07       2200    950    88
12:59:51  57941.4  .08       2200    925    88
13:01:12  57973.7  .07       2200    900    88
13:02:41  58215.8  .09       2200    875    88
13:03:46  58070.7  .07       2200    850    88
13:04:38  58115.5  .08       2200    825    88
13:05:25  58080.6  .09       2200    800    88
13:07:03  58069.9  .06       2200    775    88
13:09:07  58046.0  .06       2200    750    88
13:10:26  58076.5  .06       2200    725    88
13:11:46  58203.5  .07       2200    700    88
                             9210   1665  #142
63:66:01  57842.3  .06       9210   1665  *  28
                             2200    650  #143
13:87:16  58231.9  .08       2200    650  *  88
13:17:48  58576.9  .11       2200    625    88
13:18:29  5[illegible].1  .07       2200    600    88
13:19:16  5[illegible].0  .08       2200    575    88
13:19:51  5[illegible].3  .07       2200    550    88
13:20:41  58[illegible].2  .06       2200    525    88
13:21:19  58319.1  .07       2200    500    88
13:21:52  58291.3  .09       2200    475    88
13:29:19  58375.8  .08       2200    450    88
```

RE

```
13:30:25 58374.1 .06     2200    425    88
13:31:24 58400.1 .10     2200    400    88
13:32:05 58509.9 .08     2200    375    88
13:32:49 58539.8 .07     2200    350    88
13:33:52 58703.0 .07     2200    325    88
13:35:17 59015.4 .08     2200    300    88
13:36:03 59700.4 .07     2200    275    88
13:37:48 61729.9 .08     2200    250    88
13:39:02 58268.8 5.1     2200    225    88
13:41:07 60186.7 .08     2200    200    88
13:42:01 63403.7 .13     2200    175    88
13:49:53 73859.1 3.3     2200    150    38
13:50:20 75192.4 15.     2200    150    56
13:50:53 75501.0 9.9     2200    150    47
13:51:08 74904.3 14.     2200    150    58
13:51:19 74014.9 14.     2200    150    48
13:51:33 75801.6 18.     2200    150    49
13:54:13 54293.3 .80     2200    125    88
13:55:21 56739.5 .11     2200    100    88
13:56:27 57000.3 .07     2200     75    88
13:58:36 56899.9 .05     2200     50    88
13:59:31 56956.2 .08     2200     25    88
14:00:44 56922.0 .07     2200      0    88
14:01:48 57305.5 .07     2200    -25    88
14:03:05 57600.6 .06     2200    -50    88
14:04:02 57776.[illegible] .06     2200    -75    88
14:05:18 57804.[illegible] .07     2200   -100    88
14:06:27 57744.[illegible] .07     2200   -125    88
14:07:38 57459.6 .07     2200   -150    88
14:08:46 57885.3 .07     2200   -175    88
14:10:39 59230.3 .06     2200   -200    88
14:12:21 54921.6 1.7     2200   -225    87
14:13:16 54626.3 3.7     2200   -225    83
14:13:42 63807.4 55.     2200   -225    33
14:15:16 73763.6 5.6     2200   -225    27
14:15:34 72226.6 12.     2200   -225    37
14:17:09 56218.3 .06     2200   -250    88
14:18:10 56511.5 .07     2200   -275    88
14:19:25 56835.3 .09     2200   -300    88
14:20:42 57081.8 .07     2200   -325    88
14:22:08 57194.4 .06     2200   -350    88
14:23:42 57237.1 .07     2200   -375    88
14:25:02 57273.4 .08     2200   -400    88
14:26:01 57307.7 .07     2200   -425    88
14:28:17 57348.7 .07     2200   -450    88
14:29:06 57371.7 .07     2200   -475    88
14:30:45 57438.3 .09     2200   -500    88
```

DONE AUG. 15, 1983

```
                         2100   -500  #199
14:41:46 57362.0 .07     2100   -500    88
14:43:40 57295.9 .06     2100   -475    88
14:45:30 57276.7 .06     2100   -450    88
14:47:30 57265.3 .08     2100   -425    88
14:49:18 57245.0 .05     2100   -400    88
14:50:59 57140.9 .06     2100   -375    88
```

REDONE

AUG. 16, 1983

A

```
14:53:18 56993.0  .06       2100  -350    88
14:55:05 56777.7  .06       2100  -325    88
14:56:23 56817.2  .09       2100  -300    88
14:58:23 56955.2  .08       2100  -275    88
15:00:41 57070.0  .07       2100  -250    88
15:01:55 56937.7  .06       2100  -225    88
15:03:02 56876.5  .08       2100  -200    88
15:04:26 58419.1  .13       2100  -175    88
15:06:28 57812.9  .07       2100  -150    88
15:08:15 57111.8  .06       2100  -125    88
15:10:34 56956.6  .08       2100  -100    88
15:11:59 57257.1  .07       2100   -75    88
15:13:23 57982.3  .09       2100   -50    88
15:14:23 58645.5  .09       2100   -25    88
15:15:25 59025.1  .09       2100    -0    88
15:18:05 58899.4  .06       2100    25    88
15:19:12 58637.3  .07       2100    50    88
15:21:56 58508.5  .07       2100    75    88
15:24:27 58168.5  .06       2100   100    88
15:26:55 59782.6  .06       2100   125    88
15:29:09 57864.3  4.8       2100   150    88
15:31:16 48944.3  7.6       2100   175    68
15:31:32 48541.1  5.9       2100   175    68
15:31:45 49238.3  4.7       2100   175    88
15:32:06 50898.5  4.8       2100   175    88
15:32:27 49345.5  2.4       2100   175    88
15:34:41 61734.9  3.8       2100   200    88
15:34:49 61821.3  4.9       2100   200    88
15:35:00 61547.7  .37       2100   200    68
15:38:04 60207.2  .08       2100   225    88
15:39:27 59338.7  .08       2100   250    88
15:40:16 59390.4  4.0       2100   275    88
15:41:37 62552.5  6.3       2100   300    88
15:43:15 66320.4  3.0       2100   300    68
15:43:39 62946.1  1.9       2100   300    68
15:44:50 62958.8  2.5       2100   325    88
15:45:06 63435.2  .54       2100   325    88
15:45:21 63991.8  .58       2100   325    68
15:47:28 60097.8  .08       2100   350    88
15:49:26 59485.5  .07       2100   375    88
15:51:51 58641.2  .07       2100   400    88
15:53:09 58487.2  .09       2100   425    88
15:55:17 58399.1  .07       2100   450    88
15:57:55 58350.7  .07       2100   475    88
15:59:18 58342.2  .07       2100   500    88
16:00:35 58304.0  .07       2100   525    88
16:04:21 58243.8  .07       2100   550    88
16:06:33 58248.5  .06       2100   575    88
16:08:29 58225.7  .06       2100   600    88
16:09:57 58204.9  .08       2100   625    88
16:11:05 58175.5  .06       2100   650    88
16:12:00 58166.6  .08       2100   675    88
16:12:42 58161.3  .07       2100   700    88
16:13:30 58106.1  .09       2100   725    88
16:14:09 58109.6  .09       2100   750    88
```

```
16:16:15 58067.9 .06          2100   775   88
16:17:20 58089.3 .06          2100   800   88
16:18:15 58074.1 .06          2100   825   88
16:19:01 58068.7 .08          2100   850   88
16:20:07 58066.0 .06          2100   875   88
16:21:02 58016.3 .06          2100   900   88
16:29:35 57996.7 .12          2100   925   88
16:31:24 57979.5 .07          2100   950   88
16:32:08 57961.4 .07          2100   975   88
16:32:59 57948.1 .07          2100  1000   88
                              2750   475 #270
18:34:44 58359.9 .10          2750   475   88
18:34:55 58360.4 .09          2750   475   88
18:35:00 58359.4 .09          2750   475   88
```

RAW BASE DATA

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```
PPM400  #10050 B=74
08/14   8:15:00
08/14   8:17:49
08/14  18:58:46
00/00   0:00:00
00/00   0:00:00
00/00   0:00:00
OP     #1
         57000.0              2750    475
08:17:25 58306.8               0.0  1306.8    1
08:18:17 58307.8               1.0  1307.8    2
08:20:17 58309.7               1.9  1309.7    3
08:22:17 58310.5               0.8  1310.5    4
08:24:17 58311.5               1.0  1311.5    5
08:26:17 58311.9               0.4  1311.9    6
08:28:17 58312.4               0.5  1312.4    7
08:30:17 58312.9               0.5  1312.9    8
08:32:17 58312.5              -0.4  1312.5    9
08:34:17 58312.4              -0.1  1312.4   10
08:36:17 58311.2              -1.2  1311.2   11
08:38:17 58310.4              -0.8  1310.4   12
08:40:17 58309.6              -0.8  1309.6   13
08:42:17 58309.9               0.3  1309.9   14
08:44:17 58312.0               2.1  1312.0   15
08:46:17 58311.4              -0.6  1311.4   16
08:48:17 58308.2              -3.2  1308.2   17
08:50:17 58307.2              -1.0  1307.2   18
08:52:17 58307.9               0.7  1307.9   19
08:54:17 58307.8              -0.1  1307.8   20
08:56:17 58305.0              -2.8  1305.0   21
08:58:17 58306.0               1.0  1306.0   22
09:00:17 58306.3               0.3  1306.3   23
09:02:17 58306.1              -0.2  1306.1   24
09:04:17 58307.0               0.9  1307.0   25
09:06:17 58308.3               1.3  1308.3   26
09:08:17 58308.8               0.5  1308.8   27
09:10:17 58309.6               0.8  1309.6   28
09:12:17 58310.4               0.8  1310.4   29
```

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09:14:17 58311.9           1.5  1311.9  30
09:16:17 58311.4          -0.5  1311.4  31
09:18:17 58310.8          -0.6  1310.8  32
09:20:17 58310.1          -0.7  1310.1  33
09:22:17 58309.0          -1.1  1309.0  34
09:24:17 58309.2           0.2  1309.2  35
09:26:17 58308.1          -1.1  1308.1  36
09:28:17 58309.5           1.4  1309.5  37
09:30:17 58308.2          -1.3  1308.2  38
09:32:17 58307.6          -0.6  1307.6  39
09:34:17 58306.8          -0.8  1306.8  40
09:36:17 58306.0          -0.8  1306.0  41
09:38:17 58307.1           1.1  1307.1  42
09:40:17 58307.2           0.1  1307.2  43
09:42:17 58308.1           0.9  1308.1  44
09:44:17 58308.5           0.4  1308.5  45
09:46:17 58309.1           0.6  1309.1  46
09:48:17 58308.1          -1.0  1308.1  47
09:50:17 58305.7          -2.4  1305.7  48
09:52:17 58306.4           0.7  1306.4  49
09:54:17 58306.3          -0.1  1306.3  50
09:56:17 58304.7          -1.6  1304.7  51
09:58:17 58304.4          -0.3  1304.4  52
10:00:17 58305.9           1.5  1305.9  53
10:02:17 58305.0          -0.9  1305.0  54
10:04:17 58306.6           1.6  1306.6  55
10:06:17 58307.8           1.2  1307.8  56
10:08:17 58308.9           1.1  1308.9  57
10:10:17 58309.7           0.8  1309.7  58
10:12:17 58312.2           2.5  1312.2  59
10:14:17 58314.2           2.0  1314.2  60
10:16:17 58317.1           2.9  1317.1  61
10:18:17 58318.4           1.3  1318.4  62
10:20:17 58319.7           1.3  1319.7  63
10:22:17 58320.9           1.2  1320.9  64
10:24:17 58319.0          -1.9  1319.0  65
10:26:17 58318.4          -0.6  1318.4  66
10:28:17 58318.9           0.5  1318.9  67
10:30:17 58317.3          -1.6  1317.3  68
10:32:17 58316.6          -0.7  1316.6  69
10:34:17 58316.2          -0.4  1316.2  70
10:36:17 58316.3           0.1  1316.3  71
10:38:17 58316.1          -0.2  1316.1  72
10:40:17 58316.1           0.0  1316.1  73
10:42:17 58315.6          -0.5  1315.6  74
10:44:17 58315.8           0.2  1315.8  75
10:46:17 58314.8          -1.0  1314.8  76
10:48:17 58313.3          -1.5  1313.3  77
10:50:17 58313.6           0.3  1313.6  78
10:52:17 58313.4          -0.2  1313.4  79
10:54:17 58311.0          -2.4  1311.0  80
10:56:17 58308.6          -2.4  1308.6  81
10:58:17 58308.8           0.2  1308.8  82
11:00:17 58308.8           0.0  1308.8  83
11:02:17 58308.5          -0.3  1308.5  84
```

```
11:04:17  58307.3          -1.2  1307.3   85
11:06:17  58305.6          -1.7  1305.6   86
11:08:17  58304.7          -0.9  1304.7   87
11:10:17  58305.2           0.5  1305.2   88
11:12:17  58305.6           0.4  1305.6   89
11:14:17  58305.8           0.2  1305.8   90
11:16:17  58306.5           0.7  1306.5   91
11:18:17  58306.8           0.3  1306.8   92
11:20:17  58306.6          -0.2  1306.6   93
11:22:17  58306.7           0.1  1306.7   94
11:24:17  58307.0           0.3  1307.0   95
11:26:17  58307.1           0.1  1307.1   96
11:28:17  58306.5          -0.6  1306.5   97
11:30:17  58306.5           0.0  1306.5   98
11:32:17  58307.0           0.5  1307.0   99
11:34:17  58306.9          -0.1  1306.9  100
11:36:17  58306.7          -0.2  1306.7  101
11:38:17  58305.5          -1.2  1305.5  102
11:40:17  58305.0          -0.5  1305.0  103
11:42:17  58304.5          -0.5  1304.5  104
11:44:17  58304.0          -0.5  1304.0  105
11:46:17  58304.6           0.6  1304.6  106
11:48:17  58304.3          -0.3  1304.3  107
11:50:17  58302.1          -2.2  1302.1  108
11:52:17  58303.1           1.0  1303.1  109
11:54:17  58302.0          -1.1  1302.0  110
11:56:17  58300.8          -1.2  1300.8  111
11:58:17  58300.6          -0.2  1300.6  112
12:00:17  58299.7          -0.9  1299.7  113
12:02:17  58241.7         -58.0  1241.7  114
12:04:17  58299.3          57.6  1299.3  115
12:06:17  58432.8         133.5  1432.8  116
12:08:17  58299.9        -132.9  1299.9  117
12:10:17  58344.1          44.2  1344.1  118
12:12:17  58301.1         -43.0  1301.1  119
12:14:17  58301.5           0.4  1301.5  120
12:16:17  58301.8           0.3  1301.8  121
12:18:17  58302.1           0.3  1302.1  122
12:20:17  58301.9          -0.2  1301.9  123
12:22:17  58302.0           0.1  1302.0  124
12:24:17  58302.1           0.1  1302.1  125
12:26:17  58301.5          -0.6  1301.5  126
12:28:17  58301.4          -0.1  1301.4  127
12:30:17  58300.6          -0.8  1300.6  128
12:32:17  58301.1           0.5  1301.1  129
12:34:17  58300.7          -0.4  1300.7  130
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12:36:17 58299.8         -0.9  1299.8  131
12:38:17 58433.1        133.3  1433.1  132
12:40:17 58298.6       -134.5  1298.6  133
12:42:17 58254.0        -44.6  1254.0  134
12:44:17 58296.0         42.0  1296.0  135
12:46:17 58330.4         34.4  1330.4  136
12:48:17 58296.7        -33.7  1296.7  137
12:50:17 58294.9         -1.8  1294.9  138
12:52:17 58294.7         -0.2  1294.7  139
12:54:17 58265.7        -29.0  1265.7  140
12:56:17 58293.2         27.5  1293.2  141
12:58:17 58446.8        153.6  1446.8  142
13:00:17 58294.9       -151.9  1294.9  143
13:02:17 58282.5        -12.4  1282.5  144
13:04:17 58275.6         -6.9  1275.6  145
13:06:17 58294.2         18.6  1294.2  146
13:08:17 58292.2         -2.0  1292.2  147
13:10:17 58355.1         62.9  1355.1  148
13:12:17 58291.1        -64.0  1291.1  149
13:14:17 58281.5         -9.6  1281.5  150
13:16:17 58227.4        -54.1  1227.4  151
13:18:17 58293.8         66.4  1293.8  152
13:20:17 58231.5        -62.3  1231.5  153
13:22:17 58293.4         61.9  1293.4  154
13:24:17 58219.8        -73.6  1219.8  155
13:26:17 58292.8         73.0  1292.8  156
13:28:17 58288.9         -3.9  1288.9  157
13:30:17 58212.6        -76.3  1212.6  158
13:32:17 58291.9         79.3  1291.9  159
13:34:17 58276.7        -15.2  1276.7  160
13:36:17 58291.1         14.4  1291.1  161
13:38:17 58287.8         -3.3  1287.8  162
13:40:17 58256.1        -31.7  1256.1  163
13:42:17 58290.7         34.6  1290.7  164
13:44:17 58256.0        -34.7  1256.0  165
13:46:17 58291.8         35.8  1291.8  166
13:48:17 58277.7        -14.1  1277.7  167
13:50:17 58294.2         16.5  1294.2  168
13:52:17 58354.1         59.9  1354.1  169
13:54:17 58296.6        -57.5  1296.6  170
13:56:17 58340.7         44.1  1340.7  171
13:58:17 58298.4        -42.3  1298.4  172
14:00:17 58382.5         84.1  1382.5  173
14:02:17 58323.3        -59.2  1323.3  174
14:04:17 58301.0        -22.3  1301.0  175
14:06:17 58300.8         -0.2  1300.8  176
14:08:17 58300.8          0.0  1300.8  177
14:10:17 58300.7         -0.1  1300.7  178
14:12:17 58300.4         -0.3  1300.4  179
14:14:17 58301.5          1.1  1301.5  180
14:16:17 58301.4         -0.1  1301.4  181
14:18:17 58302.1          0.7  1302.1  182
14:20:17 58302.5          0.4  1302.5  183
14:22:17 58302.9          0.4  1302.9  184
14:24:17 58304.0          1.1  1304.0  185
```

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14:28:17 58305.8           2.5  1305.8  187
14:30:17 58304.6          -1.2  1304.6  188
14:32:17 58306.2           1.6  1306.2  189
14:34:17 58305.9          -0.3  1305.9  190
14:36:17 58305.9           0.0  1305.9  191
14:38:17 58305.2          -0.7  1305.2  192
14:40:17 58305.3           0.1  1305.3  193
14:42:17 58304.9          -0.4  1304.9  194
14:44:17 58303.8          -1.1  1303.8  195
14:46:17 58304.4           0.6  1304.4  196
14:48:17 58302.4          -2.0  1302.4  197
14:50:17 58301.0          -1.4  1301.0  198
14:52:17 58301.8           0.8  1301.8  199
14:54:17 58302.6           0.8  1302.6  200
14:56:17 58300.8          -1.8  1300.8  201
14:58:17 58300.7          -0.1  1300.7  202
15:00:17 58300.8           0.1  1300.8  203
15:02:17 58299.1          -1.7  1299.1  204
15:04:17 58242.1         -57.0  1242.1  205
15:06:17 58305.2          63.1  1305.2  206
15:08:17 58303.7          -1.5  1303.7  207
15:10:17 58303.8           0.1  1303.8  208
15:12:17 58302.8          -1.0  1302.8  209
15:14:17 58301.0          -1.8  1301.0  210
15:16:17 58301.2           0.2  1301.2  211
15:18:17 58303.8           2.6  1303.8  212
15:20:17 58303.2          -0.6  1303.2  213
15:22:17 58304.0           0.8  1304.0  214
15:24:17 58303.7          -0.3  1303.7  215
15:26:17 58304.2           0.5  1304.2  216
15:28:17 58304.1          -0.1  1304.1  217
15:30:17 58304.7           0.6  1304.7  218
15:32:17 58304.9           0.2  1304.9  219
15:34:17 58305.2           0.3  1305.2  220
15:36:17 58305.1          -0.1  1305.1  221
15:38:17 58307.7           2.6  1307.7  222
15:40:17 58304.1          -3.6  1304.1  223
15:42:17 58305.2           1.1  1305.2  224
15:44:17 58306.6           1.4  1306.6  225
15:46:17 58307.1           0.5  1307.1  226
15:48:17 58307.1           0.0  1307.1  227
15:50:17 58306.8          -0.3  1306.8  228
15:52:17 58306.2          -0.6  1306.2  229
15:54:17 58306.7           0.5  1306.7  230
15:56:17 58307.4           0.7  1307.4  231
15:58:17 58307.2          -0.2  1307.2  232
16:00:17 58306.7          -0.5  1306.7  233
16:02:17 58308.0           1.3  1308.0  234
16:04:17 58306.5          -1.5  1306.5  235
16:06:17 58306.6           0.1  1306.6  236
16:08:17 58308.6           2.0  1308.6  237
16:10:17 58307.5          -1.1  1307.5  238
16:12:17 58307.2          -0.3  1307.2  239
```

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16:18:17 58308.6            0.3  1308.6  242
16:20:17 58307.9           -0.7  1307.9  243
16:22:17 58306.9           -1.0  1306.9  244
16:24:17 58306.5           -0.4  1306.5  245
16:26:17 58307.4            0.9  1307.4  246
16:28:17 58307.7            0.3  1307.7  247
16:30:17 58308.8            1.1  1308.8  248
16:32:17 58308.6           -0.2  1308.6  249
16:34:17 58310.2            1.6  1310.2  250
16:36:17 58312.7            2.5  1312.7  251
16:38:17 58314.5            1.8  1314.5  252
16:40:17 58315.7            1.2  1315.7  253
16:42:17 58316.7            1.0  1316.7  254
16:44:17 58317.4            0.7  1317.4  255
16:46:17 58319.1            1.7  1319.1  256
16:48:17 58320.8            1.7  1320.8  257
16:50:17 58321.5            0.7  1321.5  258
16:52:17 58323.4            1.9  1323.4  259
16:54:17 58322.7           -0.7  1322.7  260
16:56:17 58323.8            1.1  1323.8  261
16:58:17 58325.8            2.0  1325.8  262
17:00:17 58325.2           -0.6  1325.2  263
17:02:17 58326.4            1.2  1326.4  264
17:04:17 58326.7            0.3  1326.7  265
17:06:17 58325.0           -1.7  1325.0  266
17:08:17 58322.6           -2.4  1322.6  267
17:10:17 58322.4           -0.2  1322.4  268
17:12:17 58321.9           -0.5  1321.9  269
17:14:17 58322.8            0.9  1322.8  270
17:16:17 58324.7            1.9  1324.7  271
17:18:17 58326.3            1.6  1326.3  272
17:20:17 58325.3           -1.0  1325.3  273
17:22:17 58325.2           -0.1  1325.2  274
17:24:17 58324.9           -0.3  1324.9  275
17:26:17 58324.3           -0.6  1324.3  276
17:28:17 58323.9           -0.4  1323.9  277
17:30:17 58323.0           -0.9  1323.0  278
17:32:17 58322.5           -0.5  1322.5  279
17:34:17 58322.6            0.1  1322.6  280
17:36:17 58322.7            0.1  1322.7  281
17:38:17 58321.8           -0.9  1321.8  282
17:40:17 58322.1            0.3  1322.1  283
17:42:17 58322.4            0.3  1322.4  284
17:44:17 58322.7            0.3  1322.7  285
17:46:17 58323.0            0.3  1323.0  286
17:48:17 58323.9            0.9  1323.9  287
17:50:17 58325.5            1.6  1325.5  288
17:52:17 58328.4            2.9  1328.4  289
17:54:17 58329.7            1.3  1329.7  290
17:56:17 58333.9            4.2  1333.9  291
17:58:17 58336.3            2.4  1336.3  292
18:00:17 58338.2            1.9  1338.2  293
18:02:17 58341.0            2.8  1341.0  294
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18:04:17 58343.4          2.4  1343.4  295
18:06:17 58343.6          0.2  1343.6  296
18:08:17 58344.6          1.0  1344.6  297
18:10:17 58347.3          2.7  1347.3  298
18:12:17 58347.3          0.0  1347.3  299
18:14:17 58349.5          2.2  1349.5  300
18:16:17 58349.3         -0.2  1349.3  301
18:18:17 58349.6          0.3  1349.6  302
18:20:17 58353.4          3.8  1353.4  303
18:22:17 58355.9          2.5  1355.9  304
18:24:17 58357.9          2.0  1357.9  305
18:26:17 58358.1          0.2  1358.1  306
18:28:17 58359.4          1.3  1359.4  307
18:30:17 58359.1         -0.3  1359.1  308
18:32:17 58358.7         -0.4  1358.7  309
18:34:17 58358.3         -0.4  1358.3  310
```

RAW FIELD DATA

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```
PPM300  #10048 B=80
08/14  8:15:53
OP    #1
                                2750    475    #1
08:15:43 58307.5 .10            2750    475    88
08:16:02 58307.9 .09            2750    475    88
08:16:08 58308.0 .09            2750    475    88
                                2050   1000    #4
08:41:25 58036.2 .06            2050   1000    88
08:44:53 58041.3 .06            2050    975    88
08:46:42 58026.3 .07            2050    950    88
08:48:21 58040.9 .06            2050    925    88
08:49:51 58053.0 .06            2050    900    88
08:52:36 58067.5 .06            2050    875    88
08:53:29 58078.0 .07            2050    850    88
08:54:23 58103.1 .06            2050    825    88
08:56:15 58093.2 .10            2050    800    88
08:57:23 58158.8 .06            2050    775    88
08:57:59 58071.4 .06            2050    750    88
08:58:40 58291.3 .09            2050    725    88
08:59:37 58187.5 .06            2050    700    88
09:00:27 58200.6 .08            2050    675    88
09:01:20 58218.3 .07            2050    650    88
09:02:20 58294.1 .07            2050    625    88
09:03:09 58289.6 .08            2050    600    88
09:12:44 58259.1 .07            2050    575    88
09:14:44 58288.5 .07            2050    550    88
09:16:38 58267.1 .06            2050    525    88
09:19:23 58295.0 .09            2050    500    88
09:21:16 58290.4 .06            2050    475    88
09:22:25 58373.4 .06            2050    450    88
09:23:41 58502.7 .08            2050    425    88
09:25:42 58990.5 .10            2050    400    88
09:28:48 64808.4 .13            2050    375    88
```

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09:31:20 66944.6 .36          2050    350   78
09:34:01 61696.3 4.5          2050    325   88
09:35:11 54696.3 .15          2050    300   88
09:35:24 54698.4 .08          2050    300   88
09:36:03 56156.7 .08          2050    275   88
09:37:13 57077.5 .09          2050    250   88
09:38:45 58318.2 .09          2050    225   88
09:40:57 58325.0 .08          2050    200   88
09:42:43 58065.8 .06          2050    175   88
09:44:23 58467.7 .06          2050    150   88
09:45:54 57999.1 .08          2050    125   88
09:47:25 58486.9 .08          2050    100   88
09:48:48 58700.1 .07          2050     75   88
09:49:56 59913.2 .09          2050     50   88
09:51:26 60001.4 .06          2050     25   88
09:52:36 59583.5 .07          2050      0   88
09:55:55 59046.4 .06          2050    -25   88
09:56:53 60305.8 .08          2050    -50   88
10:00:04 56077.0 1.4          2050    -75   88
10:02:25 61361.0 6.0          2050   -100   88
10:03:26 60255.9 .08          2050   -125   88
10:04:30 62192.2 .11          2050   -150   88
10:05:38 60539.7 .07          2050   -175   88
10:08:06 61170.9 4.3          2050   -200   88
10:18:06 49884.3 5.7          2050   -225   78
10:18:48 49849.7 6.2          2050   -225   78
10:20:51 56829.5 .09          2050   -250   88
10:22:05 54663.6 .06          2050   -275   88
10:22:58 56512.9 .09          2050   -300   88
10:25:08 56987.9 .08          2050   -325   88
10:27:35 57092.7 .07          2050   -350   88
10:28:31 57211.8 .06          2050   -375   88
10:29:41 57267.2 .06          2050   -400   88
10:30:51 57299.9 .06          2050   -425   88
10:31:51 57327.6 .06          2050   -450   88
10:33:20 57344.8 .06          2050   -475   88
10:34:51 57371.6 .06          2050   -500   88
                              2150   -500  #67
10:46:00 57375.4 .07          2150   -500   88
10:47:49 57363.9 .06          2150   -475   88
10:49:26 57338.6 .06          2150   -450   88
10:50:44 57311.2 .06          2150   -425   88
10:52:02 57278.1 .09          2150   -400   88
10:53:30 57233.6 .06          2150   -375   88
10:54:32 57213.2 .05          2150   -350   88
10:55:50 57021.2 .06          2150   -325   88
10:57:01 56807.7 .06          2150   -300   88
10:59:20 56830.1 .07          2150   -275   88
11:01:26 57036.9 .08          2150   -250   88
11:02:58 57568.3 .06          2150   -225   88
11:04:10 58778.2 3.7          2150   -200   88
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11:05:45 59835.4 5.6         2150   -175    88
11:07:45 57594.5 .11         2150   -150    88
11:09:57 57654.2 .06         2150   -125    88
11:11:20 57692.8 .06         2150   -100    88
11:12:50 57756.0 .07         2150    -75    88
11:14:29 58025.2 .08         2150    -50    88
11:15:55 57548.0 .06         2150    -25    88
11:17:18 57754.5 .07         2150     -0    88
11:18:59 58133.1 .08         2150     25    88
11:20:40 57972.9 .09         2150     50    88
11:21:37 59358.2 .15         2150     75    88
11:23:00 58491.7 .07         2150    100    88
11:25:38 58257.4 .08         2150    125    88
11:28:36 58162.7 .07         2150    150    88
11:32:30 58412.6 .09         2150    175    88
11:34:42 57971.1 .07         2150    200    88
11:37:43 58595.8 .14         2150    225    88
11:40:26 58570.9 .07         2150    225    88
11:43:08 59973.2 .06         2150    250    88
11:44:43 59194.0 .06         2150    275    88
11:45:38 58381.1 .07         2150    300    88
11:46:43 57034.7 .10         2150    325    88
11:48:02 58876.1 .12         2150    350    88
11:50:25 58644.9 .09         2150    375    88
11:53:16 58645.4 .07         2150    400    88
11:55:39 58537.6 .08         2150    425    88
11:56:33 58439.8 .08         2150    450    88
11:58:38 58465.0 .07         2150    475    88
12:00:12 58289.1 .07         2150    500    88
12:01:51 58239.8 .07         2150    525    88
12:03:45 58280.9 .07         2150    550    88
12:04:39 58286.6 .07         2150    575    88
12:06:26 58236.6 .06         2150    600    88
12:07:56 58210.5 .07         2150    625    88
12:09:01 58184.3 .08         2150    650    88
12:10:06 58162.2 .07         2150    675    88
12:11:10 58136.4 .08         2150    700    88
12:11:52 58097.0 .07         2150    725    88
12:12:40 58077.7 .06         2150    750    88
12:13:58 58042.8 .09         2150    775    88
12:16:19 58055.2 .06         2150    800    88
12:17:16 58017.7 .07         2150    825    88
12:18:04 58060.4 .10         2150    850    88
12:19:28 58029.4 .06         2150    875    88
12:20:53 58097.6 .07         2150    900    88
12:21:50 58031.5 .06         2150    925    88
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12:23:51 57970.7 .07       2150   950    88
12:24:25 57944.0 .08       2150   975    88
12:25:58 57930.3 .07       2150  1000    88
                           2200  1000  #129
12:55:35 57944.5 .06       2200  1000    88
12:57:32 57937.4 .06       2200   975    88
12:59:05 57947.1 .07       2200   950    88
12:59:51 57941.4 .08       2200   925    88
13:01:12 57973.7 .07       2200   900    88
13:02:41 58215.8 .09       2200   875    88
13:03:46 58070.7 .07       2200   850    88
13:04:38 58115.5 .08       2200   825    88
13:05:25 58080.6 .09       2200   800    88
13:07:03 58069.9 .06       2200   775    88
13:09:07 58046.0 .06       2200   750    88
13:10:26 58076.5 .06       2200   725    88
13:11:46 58203.5 .07       2200   700    88
                           9210  1665  #142
63:66:01 57842.3 .06       9210  1665  *  28
                           2200   650  #143
13:87:16 58231.9 .08       2200   650  *  88
13:17:48 58636.9 .11       2200   625    88
13:18:29 58198.1 .07       2200   600    88
13:19:16 58213.0 .08       2200   575    88
13:19:51 58339.9 .07       2200   550    88
13:20:41 58250.2 .06       2200   525    88
13:21:19 58319.1 .07       2200   500    88
13:21:52 58291.3 .09       2200   475    88
13:29:19 58375.8 .08       2200   450    88
13:30:25 58374.1 .06       2200   425    88
13:31:24 58400.1 .10       2200   400    88
13:32:05 58509.9 .08       2200   375    88
13:32:49 58539.8 .07       2200   350    88
13:33:52 58703.0 .07       2200   325    88
13:35:17 59015.4 .08       2200   300    88
13:36:03 59700.4 .07       2200   275    88
13:37:48 61729.9 .08       2200   250    88
13:39:02 58268.8 5.1       2200   225    88
13:41:07 60186.7 .08       2200   200    88
13:42:01 63403.7 .13       2200   175    88
13:49:53 73859.1 3.3       2200   150    38
13:50:20 75192.4 15.       2200   150    56
13:50:53 75501.0 9.9       2200   150    47
13:51:08 74904.3 14.       2200   150    58
13:51:19 74014.9 14.       2200   150    48
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13:51:33 75801.6 18.          2200   150   48
13:54:13 54293.3 .80          2200   125   88
13:55:21 56739.5 .11          2200   100   88
13:56:27 57000.3 .07          2200    75   88
13:58:36 56899.9 .05          2200    50   88
13:59:31 56956.2 .08          2200    25   88
14:00:44 56922.0 .07          2200     0   88
14:01:48 57305.5 .07          2200   -25   88
14:03:05 57600.6 .06          2200   -50   88
14:04:02 57776.2 .06          2200   -75   88
14:05:18 57804.2 .07          2200  -100   88
14:06:27 57744.3 .07          2200  -125   88
14:07:38 57459.8 .07          2200  -150   88
14:08:46 57885.3 .07          2200  -175   88
14:10:39 59230.3 .06          2200  -200   88
14:12:21 54921.6 1.7          2200  -225   87
14:13:16 54626.3 3.7          2200  -225   83
14:13:42 63807.4 55.          2200  -225   33
14:15:16 73763.6 5.6          2200  -225   27
14:15:34 72226.6 12.          2200  -225   37
14:17:09 56218.3 .06          2200  -250   88
14:18:10 56511.5 .07          2200  -275   88
14:19:25 56835.3 .09          2200  -300   88
14:20:42 57081.8 .07          2200  -325   88
14:22:08 57194.4 .06          2200  -350   88
14:23:42 57237.1 .07          2200  -375   88
14:25:02 57273.4 .08          2200  -400   88
14:26:01 57307.7 .07          2200  -425   88
14:28:17 57348.7 .07          2200  -450   88
14:29:06 57371.7 .07          2200  -475   88
14:30:45 57438.3 .09          2200  -500   88
                              2100  -500 #199
14:41:46 57362.0 .07          2100  -500   88
14:43:40 57295.9 .06          2100  -475   88
14:45:30 57276.7 .06          2100  -450   88
14:47:30 57265.3 .08          2100  -425   88
14:49:18 57245.0 .05          2100  -400   88
14:50:59 57140.9 .06          2100  -375   88
14:53:18 56993.0 .06          2100  -350   88
14:55:05 56777.7 .06          2100  -325   88
14:56:23 56817.2 .09          2100  -300   88
14:58:23 56955.2 .08          2100  -275   88
15:00:41 57070.0 .07          2100  -250   88
15:01:55 56937.7 .06          2100  -225   88
15:03:02 56876.5 .08          2100  -200   88
15:04:26 58419.1 .13          2100  -175   88
15:06:28 57812.9 .07          2100  -150   88
15:08:15 57111.8 .06          2100  -125   88
15:10:34 56956.6 .08          2100  -100   88
15:11:59 57257.1 .07          2100   -75   88
15:13:23 57982.3 .09          2100   -50   88
15:14:23 58645.5 .09          2100   -25   88
15:15:25 59025.1 .09          2100    -0   88
15:18:05 58899.4 .06          2100    25   88
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15:19:12 58637.3 .07        2100    50   88
15:21:56 58508.5 .07        2100    75   88
15:24:27 58168.5 .06        2100   100   88
15:26:55 59782.6 .06        2100   125   88
15:29:09 57864.3 4.8        2100   150   88
15:31:16 48944.3 7.6        2100   175   68
15:31:32 48541.1 5.9        2100   175   68
15:31:45 49238.3 4.7        2100   175   88
15:32:06 50898.5 4.8        2100   175   88
15:32:27 49345.5 2.4        2100   175   88
15:34:41 61734.9 3.8        2100   200   88
15:34:49 61821.3 4.9        2100   200   88
15:35:00 61547.7 .37        2100   200   68
15:38:04 60207.2 .08        2100   225   88
15:39:27 59338.7 .08        2100   250   88
15:40:16 59390.4 4.0        2100   275   88
15:41:37 62552.5 6.3        2100   300   88
15:43:15 66320.4 3.0        2100   300   68
15:43:39 62946.1 1.9        2100   300   68
15:44:50 62958.8 2.5        2100   325   88
15:45:06 63435.2 .54        2100   325   88
15:45:21 63991.8 .58        2100   325   68
15:47:28 60097.8 .08        2100   350   88
15:49:26 59485.5 .07        2100   375   88
15:51:51 58641.2 .07        2100   400   88
15:53:09 58487.2 .09        2100   425   88
15:55:17 58399.1 .07        2100   450   88
15:57:55 58350.7 .07        2100   475   88
15:59:18 58342.2 .07        2100   500   88
16:00:35 58304.0 .07        2100   525   88
16:04:21 58243.8 .07        2100   550   88
16:06:33 58248.5 .06        2100   575   88
16:08:29 58225.7 .06        2100   600   88
16:09:57 58204.9 .08        2100   625   88
16:11:05 58175.5 .06        2100   650   88
16:12:00 58166.6 .08        2100   675   88
16:12:42 58161.3 .07        2100   700   88
16:13:30 58106.1 .09        2100   725   88
16:14:09 58109.6 .09        2100   750   88
16:16:15 58067.9 .06        2100   775   88
16:17:20 58089.3 .06        2100   800   88
16:18:15 58074.1 .06        2100   825   88
16:19:01 58068.7 .08        2100   850   88
16:20:07 58066.0 .06        2100   875   88
16:21:02 58016.3 .06        2100   900   88
16:29:35 57996.7 .12        2100   925   88
16:31:24 57979.5 .07        2100   950   88
16:32:08 57961.4 .07        2100   975   88
16:32:59 57948.1 .07        2100  1000   88
                            2750   475 #270
18:34:44 58359.9 .10        2750   475   88
18:34:55 58360.4 .09        2750   475   88
18:35:00 58360.4 .09        2750   475   88
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