

## 007\_met1998.txt

|                     | WIND_DIR_162<br>degrees from | WIND_SPEED_162<br>miles/hour | WIND_DIR_33<br>degrees from | WIND_SPEED_33<br>miles/hour | DELTA_T<br>degrees F/40 meters |
|---------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|--------------------------------|
| 1998/01/01 01:00:00 | 108.56                       | 9.26                         | 87.06                       | 2.42                        | 4.17                           |
| 1998/01/01 02:00:00 | 91.47                        | 10.86                        | 62.15                       | 2.59                        | 3.53                           |
| 1998/01/01 03:00:00 | 82.83                        | 8.32                         | 242.68                      | 1.52                        | 1.34                           |
| 1998/01/01 04:00:00 | 92.64                        | 11.48                        | 416.8                       | 2.56                        | 1.34                           |
| 1998/01/01 05:00:00 | 97.64                        | 14.45                        | 427.63                      | 3.76                        | 2.51                           |
| 1998/01/01 06:00:00 | 100.64                       | 11.08                        | 363.33                      | 2.6                         | 1.11                           |
| 1998/01/01 07:00:00 | 111.99                       | 12.25                        | 302.75                      | 2.45                        | 0.75                           |
| 1998/01/01 08:00:00 | 113                          | 14.32                        | 310.23                      | 4.19                        | -1.88                          |
| 1998/01/01 09:00:00 | 118.89                       | 11.63                        | 223.85                      | 4.38                        | -1.91                          |
| 1998/01/01 10:00:00 | 142.91                       | 9.54                         | 214.44                      | 5.02                        | -1.98                          |
| 1998/01/01 11:00:00 | NaN                          | 8                            | NaN                         | NaN                         | NaN                            |
| 1998/01/01 12:00:00 | NaN                          | 7.4                          | NaN                         | NaN                         | NaN                            |
| 1998/01/01 13:00:00 | NaN                          | 8.66                         | NaN                         | NaN                         | NaN                            |
| 1998/01/01 14:00:00 | NaN                          | 9.34                         | NaN                         | NaN                         | NaN                            |
| 1998/01/01 15:00:00 | NaN                          | 9.46                         | NaN                         | NaN                         | NaN                            |
| 1998/01/01 16:00:00 | NaN                          | 8.94                         | NaN                         | NaN                         | NaN                            |
| 1998/01/01 17:00:00 | 139.88                       | 7.18                         | 161.18                      | 4.03                        | -1.12                          |
| 1998/01/01 18:00:00 | 123.35                       | 5.87                         | 210.26                      | 1.45                        | 0.57                           |
| 1998/01/01 19:00:00 | 118.39                       | 6.88                         | 188.47                      | 1.22                        | 1.53                           |
| 1998/01/01 20:00:00 | 133.66                       | 10.68                        | 168.17                      | 2.73                        | 0.9                            |
| 1998/01/01 21:00:00 | 123.71                       | 12.38                        | 185.71                      | 2.41                        | 0.37                           |
| 1998/01/01 22:00:00 | 120.96                       | 13.12                        | 213.15                      | 2.52                        | 0.3                            |
| 1998/01/01 23:00:00 | 115.67                       | 14.1                         | 190.67                      | 3.92                        | -0.48                          |
| 1998/01/02 00:00:00 | 112.26                       | 10.93                        | 200.15                      | 3.64                        | -0.85                          |
| 1998/01/02 01:00:00 | 117.95                       | 8.59                         | 171.52                      | 3.19                        | -0.69                          |
| 1998/01/02 02:00:00 | 106.32                       | 10.24                        | 340.57                      | 3.67                        | -0.82                          |
| 1998/01/02 03:00:00 | 109.01                       | 10.54                        | 281.28                      | 3.51                        | -0.82                          |
| 1998/01/02 04:00:00 | 109.35                       | 11.31                        | 265.63                      | 3.86                        | -0.85                          |
| 1998/01/02 05:00:00 | 439.85                       | 13                           | 258.91                      | 4.65                        | -0.84                          |
| 1998/01/02 06:00:00 | 360.74                       | 13.47                        | 237.45                      | 4.82                        | -0.83                          |
| 1998/01/02 07:00:00 | 112.98                       | 12.63                        | 260.94                      | 4                           | -0.76                          |
| 1998/01/02 08:00:00 | 112.64                       | 11.36                        | 274.11                      | 3.5                         | -0.76                          |
| 1998/01/02 09:00:00 | 110.12                       | 12.07                        | 231.01                      | 4.1                         | -1.13                          |
| 1998/01/02 10:00:00 | 110.34                       | 12.8                         | 196.61                      | 4.8                         | -1.49                          |
| 1998/01/02 11:00:00 | 111.03                       | 11.08                        | 209.4                       | 4.93                        | -1.79                          |
| 1998/01/02 12:00:00 | 126.16                       | 13.75                        | 146.16                      | 7.39                        | -1.92                          |
| 1998/01/02 13:00:00 | 148.7                        | 12.65                        | 164.43                      | 8.73                        | -2.06                          |
| 1998/01/02 14:00:00 | 159.73                       | 11.97                        | 170.45                      | 8.58                        | -1.87                          |
| 1998/01/02 15:00:00 | 153.24                       | 11.05                        | 166.45                      | 7.08                        | -1.74                          |
| 1998/01/02 16:00:00 | 128.38                       | 8.44                         | 152.61                      | 4.34                        | -1.22                          |
| 1998/01/02 17:00:00 | 131.43                       | 9.77                         | 153.1                       | 4.55                        | -0.9                           |
| 1998/01/02 18:00:00 | 127.66                       | 9.91                         | 163.95                      | 2.76                        | -0.08                          |
| 1998/01/02 19:00:00 | 124.34                       | 10.44                        | 164.11                      | 2.93                        | -0.1                           |
| 1998/01/02 20:00:00 | 127.4                        | 11.53                        | 169.03                      | 2.97                        | 0.05                           |
| 1998/01/02 21:00:00 | 122.03                       | 11.95                        | 160.64                      | 3.3                         | -0.21                          |
| 1998/01/02 22:00:00 | 120.16                       | 11.74                        | 159.17                      | 3.57                        | -0.36                          |
| 1998/01/02 23:00:00 | 120.41                       | 12.27                        | 157.52                      | 3.7                         | -0.4                           |
| 1998/01/03 00:00:00 | 117.7                        | 13.65                        | 199.71                      | 3.48                        | -0.41                          |
| 1998/01/03 01:00:00 | 116.43                       | 14.02                        | 226.15                      | 4.35                        | -0.42                          |
| 1998/01/03 02:00:00 | 115.3                        | 13.72                        | 228.67                      | 3.86                        | -0.49                          |
| 1998/01/03 03:00:00 | 111.11                       | 14.35                        | 333.07                      | 4.76                        | -0.46                          |
| 1998/01/03 04:00:00 | 112.42                       | 13.72                        | 257.47                      | 4.19                        | -0.47                          |
| 1998/01/03 05:00:00 | 111.49                       | 13.83                        | 213.59                      | 4.26                        | -0.53                          |
| 1998/01/03 06:00:00 | 111.49                       | 13.04                        | 260.11                      | 4.54                        | -0.67                          |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/03 07:00:00 | 112.41 | 12.06 | 219.5  | 4.25 | -0.68 |
| 1998/01/03 08:00:00 | 114.88 | 11.33 | 226.53 | 3.93 | -0.84 |
| 1998/01/03 09:00:00 | 117.85 | 11.09 | 175.09 | 4.39 | -1.15 |
| 1998/01/03 10:00:00 | 173.77 | 11.79 | 168.31 | 5.55 | -1.4  |
| 1998/01/03 11:00:00 | 119.3  | 12.05 | 158.99 | 5.76 | -1.47 |
| 1998/01/03 12:00:00 | 136.73 | 13.1  | 152.83 | 6.35 | -1.65 |
| 1998/01/03 13:00:00 | 128.24 | 13.58 | 154.67 | 8.16 | -1.93 |
| 1998/01/03 14:00:00 | 138.44 | 11.75 | 148.82 | 6.87 | -1.67 |
| 1998/01/03 15:00:00 | 119.84 | 10.72 | 169.29 | 5.36 | -1.66 |
| 1998/01/03 16:00:00 | 113.81 | 9.99  | 194.54 | 4.78 | -1.42 |
| 1998/01/03 17:00:00 | 106.8  | 7.91  | 194.89 | 2.99 | -0.97 |
| 1998/01/03 18:00:00 | 107.66 | 8.9   | 339.76 | 2.79 | -0.54 |
| 1998/01/03 19:00:00 | 103.47 | 9.85  | 313.44 | 2.89 | -0.32 |
| 1998/01/03 20:00:00 | 107.3  | 10.23 | 299.17 | 2.67 | -0.13 |
| 1998/01/03 21:00:00 | 107.89 | 11.13 | 296.18 | 3    | -0.18 |
| 1998/01/03 22:00:00 | 107.28 | 12.22 | 232.18 | 3.76 | -0.35 |
| 1998/01/03 23:00:00 | 106.12 | 11.3  | 277.29 | 3.21 | -0.31 |
| 1998/01/04 00:00:00 | 101.33 | 11.88 | 342.55 | 3.61 | -0.2  |
| 1998/01/04 01:00:00 | 107.58 | 11.02 | 270.33 | 3.2  | -0.1  |
| 1998/01/04 02:00:00 | 105.1  | 11.74 | 256.96 | 3.74 | -0.4  |
| 1998/01/04 03:00:00 | 101.51 | 12.93 | 252.51 | 4.64 | -0.48 |
| 1998/01/04 04:00:00 | 94.25  | 11.99 | 391.26 | 3.89 | -0.33 |
| 1998/01/04 05:00:00 | 98.5   | 12.9  | 370.02 | 4.29 | -0.06 |
| 1998/01/04 06:00:00 | 98.04  | 13.22 | 378.03 | 4.18 | 0.06  |
| 1998/01/04 07:00:00 | 99.89  | 13.05 | 305.78 | 3.69 | -0.03 |
| 1998/01/04 08:00:00 | 93.82  | 11.88 | 367.81 | 3.65 | -0.08 |
| 1998/01/04 09:00:00 | 96.06  | 12.57 | 337.43 | 4.75 | -1.28 |
| 1998/01/04 10:00:00 | 110.12 | 11.27 | 188.38 | 4.43 | -1.46 |
| 1998/01/04 11:00:00 | 170.38 | 5.71  | 245.02 | 3.28 | -1.4  |
| 1998/01/04 12:00:00 | 109.61 | 6.56  | 205.61 | 3.69 | -1.72 |
| 1998/01/04 13:00:00 | 194.79 | 12.32 | 178.11 | 6.11 | -1.85 |
| 1998/01/04 14:00:00 | 228.56 | 11.44 | 156.9  | 5.47 | -1.55 |
| 1998/01/04 15:00:00 | 112.06 | 9.48  | 234.79 | 3.45 | -1.05 |
| 1998/01/04 16:00:00 | 92.55  | 8.7   | 353.73 | 3.16 | -0.34 |
| 1998/01/04 17:00:00 | 86.5   | 10.14 | 394.85 | 3.62 | -0.52 |
| 1998/01/04 18:00:00 | 107.31 | 8.87  | 229.69 | 3.49 | -0.45 |
| 1998/01/04 19:00:00 | 91.66  | 10.62 | 328.85 | 3.41 | -0.06 |
| 1998/01/04 20:00:00 | 89.65  | 8.31  | 397.14 | 2.66 | 0.17  |
| 1998/01/04 21:00:00 | 106.22 | 11.72 | 250.18 | 4.02 | 0.14  |
| 1998/01/04 22:00:00 | 93.98  | 9     | 250.73 | 2.87 | 0.41  |
| 1998/01/04 23:00:00 | 80.96  | 8.27  | 354.45 | 2.98 | 0.55  |
| 1998/01/05 00:00:00 | 93.46  | 11.38 | 396.03 | 4.69 | 0.49  |
| 1998/01/05 01:00:00 | 107.17 | 7.55  | 280.44 | 2.74 | 1.05  |
| 1998/01/05 02:00:00 | 134.88 | 8.72  | 343.9  | 3.76 | 1.01  |
| 1998/01/05 03:00:00 | 151.22 | 11.25 | 365.85 | 5.13 | 0.89  |
| 1998/01/05 04:00:00 | 157.07 | 9.51  | 328.37 | 4.04 | 0.99  |
| 1998/01/05 05:00:00 | 103.14 | 9.59  | 282.43 | 3.69 | 0.38  |
| 1998/01/05 06:00:00 | 92.76  | 9.6   | 337.81 | 3.63 | 0.35  |
| 1998/01/05 07:00:00 | 101.56 | 7.82  | 341.62 | 2.2  | 0.87  |
| 1998/01/05 08:00:00 | 103.21 | 7.64  | 396.73 | 2.23 | 1.19  |
| 1998/01/05 09:00:00 | 112.74 | 9.08  | 233.92 | 2.7  | -0.02 |
| 1998/01/05 10:00:00 | 114.11 | 10.58 | 165.92 | 4.61 | -1.52 |
| 1998/01/05 11:00:00 | 122.11 | 9.38  | 148.04 | 4.83 | -1.78 |
| 1998/01/05 12:00:00 | 133.43 | 8.23  | 152.5  | 4.63 | -1.52 |
| 1998/01/05 13:00:00 | 164.24 | 7.04  | 175.37 | 4.81 | -1.44 |
| 1998/01/05 14:00:00 | 193.12 | 6.37  | 194.68 | 4.44 | -1.45 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/05 15:00:00 | 250.08 | 4.79  | 256.41 | 2.66 | -1.3  |
| 1998/01/05 16:00:00 | 281.83 | 4.67  | 303.64 | 2.44 | -1.41 |
| 1998/01/05 17:00:00 | 242.45 | 1.21  | 278.58 | 0.79 | -1.39 |
| 1998/01/05 18:00:00 | 421.57 | 5.03  | 415.9  | 2.15 | -0.6  |
| 1998/01/05 19:00:00 | 487.54 | 6.65  | 144.61 | 2.7  | 0     |
| 1998/01/05 20:00:00 | 446.89 | 5.82  | 234.94 | 1.89 | -0.39 |
| 1998/01/05 21:00:00 | 368.25 | 8.01  | 302.1  | 2.57 | -0.3  |
| 1998/01/05 22:00:00 | 123.64 | 9.58  | 168.1  | 3.8  | -0.28 |
| 1998/01/05 23:00:00 | 123.96 | 8.27  | 170.69 | 2.93 | -0.4  |
| 1998/01/06 00:00:00 | 123.74 | 10.69 | 166.04 | 4.27 | -0.13 |
| 1998/01/06 01:00:00 | 136.94 | 8.21  | 217.35 | 3.48 | -0.13 |
| 1998/01/06 02:00:00 | 116.32 | 7.54  | 211.77 | 2.79 | -0.32 |
| 1998/01/06 03:00:00 | 109.71 | 7.46  | 256.96 | 2.96 | 0.33  |
| 1998/01/06 04:00:00 | 110.17 | 10.23 | 244.47 | 3.72 | 1.09  |
| 1998/01/06 05:00:00 | 116.86 | 8.48  | 164.25 | 3.11 | 0.81  |
| 1998/01/06 06:00:00 | 124.54 | 9.37  | 157.31 | 3.61 | 0.94  |
| 1998/01/06 07:00:00 | 140.24 | 8.46  | 161.9  | 3.52 | 0.68  |
| 1998/01/06 08:00:00 | 120.55 | 6.32  | 247.17 | 2.46 | 0.3   |
| 1998/01/06 09:00:00 | 258.63 | 7.29  | 266.46 | 2.76 | -0.6  |
| 1998/01/06 10:00:00 | 355.47 | 10.68 | 358.83 | 6.37 | 0.02  |
| 1998/01/06 11:00:00 | 387.75 | 11.18 | 394.94 | 6.27 | -0.53 |
| 1998/01/06 12:00:00 | 407.49 | 9.54  | 413.18 | 5.3  | -0.42 |
| 1998/01/06 13:00:00 | 406.48 | 8.44  | 398.02 | 4.29 | 0.04  |
| 1998/01/06 14:00:00 | 409.64 | 9.63  | 337.58 | 4.96 | 0.13  |
| 1998/01/06 15:00:00 | 412.51 | 9.63  | 384.47 | 4.84 | 0.13  |
| 1998/01/06 16:00:00 | 428.65 | 10.42 | 261.82 | 4.88 | 0.26  |
| 1998/01/06 17:00:00 | 441.63 | 10.63 | 317.99 | 3.83 | 0.56  |
| 1998/01/06 18:00:00 | 441.29 | 9.98  | 342.87 | 4.29 | 0.52  |
| 1998/01/06 19:00:00 | 440.57 | 11.02 | 243.66 | 4.85 | 0.41  |
| 1998/01/06 20:00:00 | 135.03 | 12.16 | 346.91 | 5.24 | 0.44  |
| 1998/01/06 21:00:00 | 100.14 | 13.62 | 396.41 | 5.7  | 0.27  |
| 1998/01/06 22:00:00 | 439.32 | 11.53 | 338.05 | 5.15 | 0.35  |
| 1998/01/06 23:00:00 | 349.95 | 6.56  | 344.89 | 3.33 | 0.37  |
| 1998/01/07 00:00:00 | 392.36 | 11.08 | 394.59 | 6.09 | 0.05  |
| 1998/01/07 01:00:00 | 402.87 | 12.57 | 396.67 | 6.53 | 0.51  |
| 1998/01/07 02:00:00 | 419.4  | 13.73 | 409.65 | 7.88 | 0.42  |
| 1998/01/07 03:00:00 | 319.03 | 6.95  | 299.04 | 3.96 | 0.88  |
| 1998/01/07 04:00:00 | 303.8  | 7.44  | 314.02 | 3.63 | 0.05  |
| 1998/01/07 05:00:00 | 330.62 | 13    | 342.69 | 7.27 | 0.29  |
| 1998/01/07 06:00:00 | 339.64 | 11.13 | 343.99 | 6.45 | 0.32  |
| 1998/01/07 07:00:00 | 347.58 | 9.95  | 350.94 | 5.81 | 1.2   |
| 1998/01/07 08:00:00 | 349.85 | 8.63  | 351.13 | 4.64 | 1.12  |
| 1998/01/07 09:00:00 | 359.04 | 10.33 | 365.09 | 6.04 | 1.03  |
| 1998/01/07 10:00:00 | 348.12 | 6.09  | 347.97 | 3.44 | 0.73  |
| 1998/01/07 11:00:00 | 326.32 | 4.88  | 321.03 | 2.73 | 0.11  |
| 1998/01/07 12:00:00 | 325.08 | 4.29  | 329.27 | 2.52 | 0.11  |
| 1998/01/07 13:00:00 | 300.27 | 4.74  | 301.83 | 1.87 | -0.12 |
| 1998/01/07 14:00:00 | 293.21 | 4.81  | 298.46 | 2.02 | -0.02 |
| 1998/01/07 15:00:00 | 301.28 | 8.28  | 307.98 | 3.53 | 0.34  |
| 1998/01/07 16:00:00 | 312.93 | 11.82 | 322.15 | 6.09 | 0.47  |
| 1998/01/07 17:00:00 | 308.74 | 11.06 | 314.16 | 5.32 | 0.8   |
| 1998/01/07 18:00:00 | 319.72 | 8     | 323.55 | 3.89 | 0.85  |
| 1998/01/07 19:00:00 | 300.01 | 7.39  | 304.79 | 3.15 | 0.9   |
| 1998/01/07 20:00:00 | 308.16 | 6.25  | 319.48 | 2.91 | 0.73  |
| 1998/01/07 21:00:00 | 271.93 | 5.49  | 267.71 | 1.62 | 0.91  |
| 1998/01/07 22:00:00 | 252    | 5.18  | 253.32 | 1.84 | 0.57  |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/01/07 23:00:00 | 236.31 | 10.53 | 234.24 | 5.92  | 0.08  |
| 1998/01/08 00:00:00 | 236.12 | 13.13 | 233.17 | 7.45  | 0.15  |
| 1998/01/08 01:00:00 | 225.2  | 12.31 | 227.79 | 8.36  | 0.55  |
| 1998/01/08 02:00:00 | 228.48 | 8.6   | 228.93 | 5.48  | 0.64  |
| 1998/01/08 03:00:00 | 223.72 | 11.16 | 226.61 | 7.45  | 0.35  |
| 1998/01/08 04:00:00 | 224.8  | 13.83 | 228.17 | 9.15  | 0.28  |
| 1998/01/08 05:00:00 | 225.13 | 14.96 | 225.43 | 10.56 | 0.54  |
| 1998/01/08 06:00:00 | 231.16 | 12.18 | 230.39 | 8.09  | 0.21  |
| 1998/01/08 07:00:00 | 213.65 | 11.46 | 212.15 | 7.8   | 0.27  |
| 1998/01/08 08:00:00 | 207.81 | 12.08 | 208.3  | 8.28  | 0.12  |
| 1998/01/08 09:00:00 | 215.85 | 13.17 | 219.22 | 9.04  | -0.25 |
| 1998/01/08 10:00:00 | 221.15 | 14.45 | 220.52 | 9.86  | -0.67 |
| 1998/01/08 11:00:00 | 217.16 | 13.93 | 216.63 | 9.71  | -0.78 |
| 1998/01/08 12:00:00 | 223.46 | 15.51 | 225.55 | 10.61 | -0.83 |
| 1998/01/08 13:00:00 | 218.73 | 15.15 | 221.16 | 10.13 | -1.01 |
| 1998/01/08 14:00:00 | 209.11 | 13.43 | 209.1  | 9.43  | -0.96 |
| 1998/01/08 15:00:00 | 217.41 | 13.29 | 217.49 | 9.19  | -1.18 |
| 1998/01/08 16:00:00 | 240.19 | 14.07 | 227.06 | 9.08  | -1.04 |
| 1998/01/08 17:00:00 | 249.08 | 12.97 | 236.33 | 7.12  | -0.46 |
| 1998/01/08 18:00:00 | 249.58 | 13.42 | 242    | 6.78  | -0.66 |
| 1998/01/08 19:00:00 | 248.4  | 15.71 | 237.14 | 7.78  | -0.99 |
| 1998/01/08 20:00:00 | 253.15 | 14.72 | 240.98 | 5.93  | -0.85 |
| 1998/01/08 21:00:00 | 251.62 | 14.25 | 239.73 | 6.06  | -0.86 |
| 1998/01/08 22:00:00 | 243.7  | 11.67 | 237.76 | 5.86  | -0.84 |
| 1998/01/08 23:00:00 | 241.67 | 12.14 | 237.01 | 6.51  | -0.88 |
| 1998/01/09 00:00:00 | 240.76 | 10.95 | 237.31 | 5.73  | -0.88 |
| 1998/01/09 01:00:00 | 246.11 | 10.64 | 246.1  | 4.55  | -0.69 |
| 1998/01/09 02:00:00 | 258.63 | 9.96  | 258.34 | 3.44  | -0.81 |
| 1998/01/09 03:00:00 | 273.72 | 9.42  | 274.97 | 4.05  | -0.83 |
| 1998/01/09 04:00:00 | 262.42 | 7.28  | 259    | 2.49  | -0.8  |
| 1998/01/09 05:00:00 | 275.99 | 8.06  | 283.24 | 3.34  | -0.84 |
| 1998/01/09 06:00:00 | 296.78 | 6.47  | 310.24 | 3.04  | -0.87 |
| 1998/01/09 07:00:00 | 295.96 | 4.06  | 317.96 | 1.68  | -0.8  |
| 1998/01/09 08:00:00 | 300.41 | 2.79  | 320.09 | 1.1   | -0.81 |
| 1998/01/09 09:00:00 | 322.99 | 2.08  | 401.1  | 1.45  | -1.22 |
| 1998/01/09 10:00:00 | 252.97 | 2.75  | 204.02 | 2.38  | -1.13 |
| 1998/01/09 11:00:00 | 164    | 3.47  | 192.14 | 2.44  | -1.31 |
| 1998/01/09 12:00:00 | 178.95 | 3.25  | 246.06 | 2.45  | -1.85 |
| 1998/01/09 13:00:00 | 263.21 | 4.24  | 268.77 | 3.17  | -1.52 |
| 1998/01/09 14:00:00 | 258.26 | 4.12  | 255.44 | 3.22  | -1.46 |
| 1998/01/09 15:00:00 | 246.36 | 3.8   | 250.61 | 2.79  | -1.51 |
| 1998/01/09 16:00:00 | 264.47 | 3.12  | 262.23 | 2.2   | -1.36 |
| 1998/01/09 17:00:00 | 277.78 | 2.62  | 290.27 | 1.73  | -1.32 |
| 1998/01/09 18:00:00 | 318.91 | 2.75  | 370.38 | 1.15  | 0.26  |
| 1998/01/09 19:00:00 | 336.53 | 4.1   | 401.18 | 1.36  | 3     |
| 1998/01/09 20:00:00 | 322.78 | 2.65  | 397.19 | 1.12  | 3.47  |
| 1998/01/09 21:00:00 | 415.34 | 4.66  | 397.12 | 1.61  | 4.99  |
| 1998/01/09 22:00:00 | 426.88 | 5.95  | 413.79 | 2.14  | 1.76  |
| 1998/01/09 23:00:00 | 439.59 | 8.77  | 187.97 | 1.44  | 2.39  |
| 1998/01/10 00:00:00 | 446.82 | 10.19 | 223.31 | 2.16  | 0.64  |
| 1998/01/10 01:00:00 | 139.85 | 11.1  | 228.89 | 2.31  | 1.1   |
| 1998/01/10 02:00:00 | 102.98 | 10.55 | 193.79 | 2.72  | 0.26  |
| 1998/01/10 03:00:00 | 107.63 | 11.3  | 396.38 | 3.56  | 0.32  |
| 1998/01/10 04:00:00 | 99.44  | 9.78  | 140.76 | 2.45  | 0.57  |
| 1998/01/10 05:00:00 | 78.81  | 5.97  | 388.42 | 1.35  | 1.03  |
| 1998/01/10 06:00:00 | 66.12  | 5.95  | 402.23 | 0.92  | 1.81  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/10 07:00:00 | 153.49 | 5.5   | 397.78 | 1.28 | 2.81  |
| 1998/01/10 08:00:00 | 421.9  | 6.5   | 372.07 | 0.94 | 2.56  |
| 1998/01/10 09:00:00 | 151.37 | 6.66  | 254.52 | 1.9  | -1.05 |
| 1998/01/10 10:00:00 | 106.51 | 7.45  | 255.44 | 3.58 | -1.66 |
| 1998/01/10 11:00:00 | 138.82 | 7.82  | 152.51 | 4.4  | -1.8  |
| 1998/01/10 12:00:00 | 163.42 | 6.64  | 155.78 | 4.32 | -1.76 |
| 1998/01/10 13:00:00 | 127.37 | 6.36  | 162.36 | 3.57 | -1.6  |
| 1998/01/10 14:00:00 | 132.72 | 7.26  | 162.96 | 4.43 | -1.57 |
| 1998/01/10 15:00:00 | 170.09 | 7.73  | 160.83 | 4.97 | -1.57 |
| 1998/01/10 16:00:00 | 146.86 | 8.65  | 162.58 | 4.19 | -1.41 |
| 1998/01/10 17:00:00 | 131.46 | 8.54  | 178.61 | 3.4  | -0.59 |
| 1998/01/10 18:00:00 | 124.66 | 7.74  | 209.66 | 1.46 | 1     |
| 1998/01/10 19:00:00 | 124.57 | 8.11  | 243.78 | 1.06 | 1.92  |
| 1998/01/10 20:00:00 | 118.07 | 9.37  | 211.54 | 1.47 | 1.64  |
| 1998/01/10 21:00:00 | 119.24 | 11.11 | 270.4  | 1.6  | 1.06  |
| 1998/01/10 22:00:00 | 117.44 | 11.46 | 333.61 | 2.22 | 0.65  |
| 1998/01/10 23:00:00 | 117.34 | 12.51 | 268.23 | 2.78 | 0.25  |
| 1998/01/11 00:00:00 | 118.3  | 9.74  | 278.22 | 2.09 | 0.21  |
| 1998/01/11 01:00:00 | 123.86 | 9.45  | 194.19 | 2.45 | 0.11  |
| 1998/01/11 02:00:00 | 134.86 | 6.93  | 179.86 | 1.52 | 0.29  |
| 1998/01/11 03:00:00 | 148.27 | 5.85  | 129.11 | 1.98 | 0.07  |
| 1998/01/11 04:00:00 | 119.55 | 7.83  | 220.23 | 1.73 | 0.32  |
| 1998/01/11 05:00:00 | 167.34 | 7.77  | 246.91 | 1.83 | 0.16  |
| 1998/01/11 06:00:00 | 131.4  | 7.37  | 181.39 | 1.6  | 0.79  |
| 1998/01/11 07:00:00 | 122.84 | 8.29  | 233.78 | 1.68 | 0.71  |
| 1998/01/11 08:00:00 | 125.82 | 8.5   | 217.61 | 1.62 | 0.88  |
| 1998/01/11 09:00:00 | 120.47 | 7.42  | 193.76 | 2.39 | -1.66 |
| 1998/01/11 10:00:00 | 136.14 | 6.21  | 160.6  | 4.08 | -1.69 |
| 1998/01/11 11:00:00 | 146.56 | 6.07  | 153.37 | 5.01 | -1.47 |
| 1998/01/11 12:00:00 | 119.61 | 6.22  | 138.46 | 4    | -1.93 |
| 1998/01/11 13:00:00 | 162.15 | 7.55  | 169.39 | 5.93 | -1.8  |
| 1998/01/11 14:00:00 | 194.81 | 7.08  | 200.13 | 5.48 | -1.74 |
| 1998/01/11 15:00:00 | 166.78 | 9.25  | 177.58 | 6.9  | -1.74 |
| 1998/01/11 16:00:00 | 168.6  | 10.81 | 178.59 | 7.31 | -1.59 |
| 1998/01/11 17:00:00 | 153.69 | 9.56  | 167.26 | 5.56 | -0.97 |
| 1998/01/11 18:00:00 | 126.53 | 9.49  | 180.73 | 2.57 | 0.38  |
| 1998/01/11 19:00:00 | 105.87 | 10.2  | 365.95 | 2.75 | 0.63  |
| 1998/01/11 20:00:00 | 107.76 | 11.58 | 350.32 | 3.09 | 0.18  |
| 1998/01/11 21:00:00 | 114.64 | 13.75 | 239.47 | 3.79 | -0.1  |
| 1998/01/11 22:00:00 | 114.02 | 12.62 | 220.26 | 4.03 | -0.45 |
| 1998/01/11 23:00:00 | 114.51 | 13.72 | 238.56 | 4.16 | -0.65 |
| 1998/01/12 00:00:00 | 113.93 | 13.85 | 185.73 | 4.81 | -0.82 |
| 1998/01/12 01:00:00 | 336.52 | 10.34 | 386.47 | 5.45 | -0.38 |
| 1998/01/12 02:00:00 | 365.71 | 12.79 | 369.4  | 7.06 | -0.65 |
| 1998/01/12 03:00:00 | 383.07 | 13.35 | 387.48 | 8.2  | -0.44 |
| 1998/01/12 04:00:00 | 403.56 | 11.05 | 407.53 | 6.37 | -0.15 |
| 1998/01/12 05:00:00 | 433.14 | 12.97 | 378.26 | 5.94 | 0.32  |
| 1998/01/12 06:00:00 | 442.8  | 14.29 | 365.79 | 6.48 | 0.58  |
| 1998/01/12 07:00:00 | 447    | 14.44 | 246.32 | 6.21 | 0.51  |
| 1998/01/12 08:00:00 | 466.06 | 15.7  | 169.9  | 6.47 | 0.79  |
| 1998/01/12 09:00:00 | 177.01 | 13.08 | 300.36 | 5.07 | 0.73  |
| 1998/01/12 10:00:00 | 114.17 | 11.08 | 207.7  | 4.6  | -1.27 |
| 1998/01/12 11:00:00 | 112.55 | 11.19 | 143.42 | 5.66 | -1.54 |
| 1998/01/12 12:00:00 | 121.24 | 7.89  | 162.48 | 4.56 | -1.6  |
| 1998/01/12 13:00:00 | 118.24 | 5.03  | 199.04 | 3.55 | -1.64 |
| 1998/01/12 14:00:00 | 189.17 | 3.39  | 205.06 | 2.06 | -1.2  |

## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/01/12 15:00:00 | 101.58 | 3.71 | 176.31 | 2.52 | -1.2  |
| 1998/01/12 16:00:00 | 209.19 | 3.31 | 226.76 | 2.07 | -1.04 |
| 1998/01/12 17:00:00 | 186.53 | 4.38 | 192.34 | 2.23 | -0.91 |
| 1998/01/12 18:00:00 | 137.95 | 4.92 | 137.38 | 1.75 | -0.66 |
| 1998/01/12 19:00:00 | 166.17 | 5.98 | 164.19 | 2.8  | -0.64 |
| 1998/01/12 20:00:00 | 128.97 | 4.29 | 234.11 | 1.02 | -0.49 |
| 1998/01/12 21:00:00 | 110.71 | 5.79 | 96.77  | 1.96 | -0.59 |
| 1998/01/12 22:00:00 | 114.01 | 6.62 | 189    | 2.68 | -0.57 |
| 1998/01/12 23:00:00 | 113.83 | 7.18 | 152.76 | 3.14 | -0.35 |
| 1998/01/13 00:00:00 | 249.78 | 6.44 | 316.3  | 1.77 | 0.28  |
| 1998/01/13 01:00:00 | 383.03 | 3.68 | 275    | 1.19 | 0.38  |
| 1998/01/13 02:00:00 | 238.64 | 4.54 | 147.96 | 1.75 | 0.2   |
| 1998/01/13 03:00:00 | 176.57 | 4.67 | 342.55 | 1.94 | 0.45  |
| 1998/01/13 04:00:00 | 395.1  | 3.85 | 381.4  | 1.88 | 0.11  |
| 1998/01/13 05:00:00 | 357.85 | 3.52 | 380.06 | 1.92 | -0.16 |
| 1998/01/13 06:00:00 | 405.54 | 3.36 | 391.92 | 1.58 | -0.05 |
| 1998/01/13 07:00:00 | 429.76 | 4.8  | 319.42 | 2.06 | 0.09  |
| 1998/01/13 08:00:00 | 422.47 | 5.66 | 415.24 | 2.97 | 0.23  |
| 1998/01/13 09:00:00 | 394.31 | 8.59 | 392.35 | 5.02 | -0.13 |
| 1998/01/13 10:00:00 | 412.88 | 7.81 | 416.54 | 4.46 | -0.27 |
| 1998/01/13 11:00:00 | 425.7  | 5.82 | 296.9  | 3.06 | -0.78 |
| 1998/01/13 12:00:00 | 405.23 | 5.38 | 391.9  | 3.28 | -1.73 |
| 1998/01/13 13:00:00 | 388.74 | 6.15 | 392.83 | 3.93 | -1.97 |
| 1998/01/13 14:00:00 | 398.6  | 7.57 | 398.63 | 4.38 | -1.52 |
| 1998/01/13 15:00:00 | 408.36 | 8.89 | 407.77 | 5.21 | -1.01 |
| 1998/01/13 16:00:00 | 417.21 | 7.17 | 402.52 | 3.89 | -0.96 |
| 1998/01/13 17:00:00 | 428.65 | 7.88 | 257.98 | 3.94 | -0.53 |
| 1998/01/13 18:00:00 | 353.62 | 9.37 | 351.91 | 5.82 | -0.36 |
| 1998/01/13 19:00:00 | 377.58 | 6.53 | 372.58 | 3.65 | 0.17  |
| 1998/01/13 20:00:00 | 369.98 | 5.4  | 353.41 | 2.5  | 0.2   |
| 1998/01/13 21:00:00 | 357.86 | 6.55 | 361.28 | 3.43 | -0.13 |
| 1998/01/13 22:00:00 | 351.28 | 6.07 | 351.46 | 3.42 | -0.4  |
| 1998/01/13 23:00:00 | 356.16 | 6.55 | 357.8  | 3.95 | -0.43 |
| 1998/01/14 00:00:00 | 342.89 | 4.27 | 341.28 | 2.37 | -0.51 |
| 1998/01/14 01:00:00 | 353.03 | 6.97 | 352    | 4.14 | -0.28 |
| 1998/01/14 02:00:00 | 370.21 | 6.57 | 367.42 | 3.35 | -0.24 |
| 1998/01/14 03:00:00 | 363.46 | 5.46 | 352.19 | 2.35 | -0.35 |
| 1998/01/14 04:00:00 | 356.88 | 3.88 | 355.47 | 1.64 | -0.52 |
| 1998/01/14 05:00:00 | 371.69 | 3.41 | 369.27 | 1.09 | -0.49 |
| 1998/01/14 06:00:00 | 359.8  | 3.34 | 344.47 | 1.19 | -0.49 |
| 1998/01/14 07:00:00 | 375.06 | 3.47 | 348.89 | 1.04 | -0.31 |
| 1998/01/14 08:00:00 | 387.82 | 4.62 | 358.63 | 1.41 | -0.22 |
| 1998/01/14 09:00:00 | 413.93 | 3.76 | 397.51 | 1.43 | -0.47 |
| 1998/01/14 10:00:00 | 433.8  | 5.59 | 373.77 | 2.57 | -0.45 |
| 1998/01/14 11:00:00 | 439.21 | 8.08 | 398.84 | 4.29 | -1.35 |
| 1998/01/14 12:00:00 | 365.86 | 6.93 | 361.96 | 4.05 | -1.57 |
| 1998/01/14 13:00:00 | 115.78 | 4.58 | 174.32 | 2.3  | -1.19 |
| 1998/01/14 14:00:00 | 113.95 | 5.18 | 154.94 | 2.88 | -1.14 |
| 1998/01/14 15:00:00 | 343.79 | 3.78 | 167.73 | 2.29 | -1.19 |
| 1998/01/14 16:00:00 | 287.59 | 3.76 | 289.54 | 2.09 | -1.12 |
| 1998/01/14 17:00:00 | 404.66 | 3.64 | 399.62 | 2.23 | -1.01 |
| 1998/01/14 18:00:00 | 381.64 | 3.16 | 361.81 | 1.14 | -0.83 |
| 1998/01/14 19:00:00 | 447.12 | 5.72 | 364.84 | 1.93 | -0.69 |
| 1998/01/14 20:00:00 | 446.71 | 6.71 | 402.9  | 2.29 | -0.62 |
| 1998/01/14 21:00:00 | 387.01 | 3.74 | 368.53 | 1.76 | -0.67 |
| 1998/01/14 22:00:00 | 414.25 | 3.03 | 397.94 | 1.16 | -0.62 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/14 23:00:00 | 342.95 | 4.72  | 300.39 | 1.75 | -0.47 |
| 1998/01/15 00:00:00 | 164.5  | 2.92  | 194.32 | 1.53 | -0.49 |
| 1998/01/15 01:00:00 | 270.32 | 2.62  | 302.44 | 2.02 | 0.29  |
| 1998/01/15 02:00:00 | 343.06 | 4.53  | 367.32 | 2.17 | 0.37  |
| 1998/01/15 03:00:00 | 335.21 | 2.79  | 358.63 | 0.88 | 0.94  |
| 1998/01/15 04:00:00 | 315.52 | 6     | 278.77 | 2.33 | 0.39  |
| 1998/01/15 05:00:00 | 387.09 | 4.89  | 340.98 | 2.31 | 0.31  |
| 1998/01/15 06:00:00 | 313.58 | 7.5   | 327.5  | 3.81 | 0.41  |
| 1998/01/15 07:00:00 | 317.08 | 11.07 | 327.26 | 5.97 | 0.85  |
| 1998/01/15 08:00:00 | 328.23 | 7.77  | 333.58 | 4.19 | 0.89  |
| 1998/01/15 09:00:00 | 328.23 | 7.77  | 333.58 | 4.19 | 0.89  |
| 1998/01/15 10:00:00 | 321.31 | 8.78  | 328.43 | 4.76 | 0.34  |
| 1998/01/15 11:00:00 | 309.67 | 10.6  | 317.52 | 5.53 | 0.62  |
| 1998/01/15 12:00:00 | 299.05 | 10.91 | 305.87 | 5.31 | 0.49  |
| 1998/01/15 13:00:00 | 299.09 | 12.48 | 302.32 | 5.9  | 0.41  |
| 1998/01/15 14:00:00 | 301.33 | 13    | 309.82 | 6.43 | 0.23  |
| 1998/01/15 15:00:00 | 310.19 | 13.83 | 318.42 | 7.26 | -0.35 |
| 1998/01/15 16:00:00 | 308.52 | 12.73 | 317.52 | 6.61 | -0.43 |
| 1998/01/15 17:00:00 | 309.05 | 13.49 | 318.03 | 6.78 | -0.31 |
| 1998/01/15 18:00:00 | 301.43 | 10.22 | 311.61 | 5.02 | -0.48 |
| 1998/01/15 19:00:00 | 304.67 | 12.44 | 315.77 | 6.06 | -0.67 |
| 1998/01/15 20:00:00 | 306.71 | 12.18 | 314.58 | 5.85 | -0.68 |
| 1998/01/15 21:00:00 | 303.89 | 10.96 | 312.57 | 5.46 | -0.63 |
| 1998/01/15 22:00:00 | 296.65 | 9.51  | 305.48 | 4.57 | -0.41 |
| 1998/01/15 23:00:00 | 277.05 | 9.04  | 285.07 | 3.52 | -0.14 |
| 1998/01/16 00:00:00 | 277.09 | 8.7   | 278.36 | 3.13 | -0.54 |
| 1998/01/16 01:00:00 | 264.51 | 10.19 | 264.14 | 3.78 | -0.59 |
| 1998/01/16 02:00:00 | 268.75 | 9.47  | 268.69 | 3.3  | -0.84 |
| 1998/01/16 03:00:00 | 275.73 | 9.53  | 280.29 | 3.91 | -0.88 |
| 1998/01/16 04:00:00 | 275.24 | 7.67  | 275.18 | 2.75 | -0.86 |
| 1998/01/16 05:00:00 | 252.89 | 8.35  | 250.18 | 3.92 | -0.9  |
| 1998/01/16 06:00:00 | 266.73 | 8.84  | 266.24 | 3.38 | -0.91 |
| 1998/01/16 07:00:00 | 270.38 | 6.76  | 279.48 | 2.42 | -0.86 |
| 1998/01/16 08:00:00 | 274.9  | 7.16  | 277.7  | 2.71 | -0.9  |
| 1998/01/16 09:00:00 | 307.96 | 4.49  | 312.45 | 2.67 | -1.21 |
| 1998/01/16 10:00:00 | 255.16 | 4.65  | 259.57 | 3.22 | -1.35 |
| 1998/01/16 11:00:00 | 258.99 | 4.07  | 269.69 | 2.98 | -1.33 |
| 1998/01/16 12:00:00 | 251.56 | 3.36  | 264.97 | 2.75 | -1.41 |
| 1998/01/16 13:00:00 | 258.38 | 3.82  | 264.15 | 3.02 | -1.49 |
| 1998/01/16 14:00:00 | 234.4  | 4.29  | 232.56 | 3.52 | -1.55 |
| 1998/01/16 15:00:00 | 234.87 | 5.55  | 236.03 | 4.2  | -1.84 |
| 1998/01/16 16:00:00 | 266.71 | 3     | 264.99 | 1.91 | -2.16 |
| 1998/01/16 17:00:00 | 218.41 | 2.82  | 251.94 | 1.74 | -1.54 |
| 1998/01/16 18:00:00 | 200.64 | 3.9   | 184.17 | 1.29 | -0.08 |
| 1998/01/16 19:00:00 | 146.37 | 9.07  | 142.56 | 3.91 | 0.45  |
| 1998/01/16 20:00:00 | 149.71 | 11.97 | 142.75 | 5.25 | 0.34  |
| 1998/01/16 21:00:00 | 159.87 | 12.45 | 169.15 | 6.91 | -0.32 |
| 1998/01/16 22:00:00 | 177.07 | 10.55 | 181.58 | 5.63 | -0.4  |
| 1998/01/16 23:00:00 | 182.56 | 10.38 | 184.66 | 5.1  | -0.29 |
| 1998/01/17 00:00:00 | 187.13 | 10.59 | 188.1  | 5.3  | -0.28 |
| 1998/01/17 01:00:00 | 189.9  | 10.64 | 188.62 | 5.76 | -0.2  |
| 1998/01/17 02:00:00 | 199.02 | 10.65 | 204.05 | 5.52 | -0.22 |
| 1998/01/17 03:00:00 | 227.51 | 11.74 | 237.16 | 5.61 | -0.31 |
| 1998/01/17 04:00:00 | 251.39 | 8.82  | 255.4  | 2.47 | -0.45 |
| 1998/01/17 05:00:00 | 249.31 | 6.27  | 279.43 | 1.16 | 0.08  |
| 1998/01/17 06:00:00 | 277.18 | 5.59  | 289.98 | 0.77 | 0.11  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/17 07:00:00 | 324.75 | 8.26  | 334.8  | 3.26 | -0.14 |
| 1998/01/17 08:00:00 | 339.7  | 6.03  | 352.16 | 2.29 | 0.09  |
| 1998/01/17 09:00:00 | 321.04 | 6.24  | 326.42 | 3.45 | -2.29 |
| 1998/01/17 10:00:00 | 318.69 | 7.82  | 319.7  | 5.06 | -1.91 |
| 1998/01/17 11:00:00 | 355.08 | 5.57  | 357.12 | 4.33 | -1.78 |
| 1998/01/17 12:00:00 | 317.01 | 6.97  | 320.95 | 5.36 | -1.98 |
| 1998/01/17 13:00:00 | 297.29 | 6.45  | 301.92 | 4.85 | -2.13 |
| 1998/01/17 14:00:00 | 303.52 | 6.53  | 310.68 | 4.78 | -2.24 |
| 1998/01/17 15:00:00 | 304.02 | 6.04  | 318.14 | 4.29 | -2.02 |
| 1998/01/17 16:00:00 | 311.23 | 4.99  | 318.53 | 3.49 | -1.72 |
| 1998/01/17 17:00:00 | 328.72 | 4.1   | 323.68 | 2.4  | -1.27 |
| 1998/01/17 18:00:00 | 337.47 | 5.21  | 351.75 | 1.56 | 0.97  |
| 1998/01/17 19:00:00 | 394.61 | 3.46  | 202.57 | 1.36 | 2.75  |
| 1998/01/17 20:00:00 | 418.97 | 5.36  | 298.98 | 1.9  | 6.21  |
| 1998/01/17 21:00:00 | 446.14 | 6.38  | 237.6  | 1    | 6.26  |
| 1998/01/17 22:00:00 | 459.27 | 9.66  | 156.34 | 1.37 | 4.03  |
| 1998/01/17 23:00:00 | 464.58 | 11.74 | 430.94 | 2.45 | 3.06  |
| 1998/01/18 00:00:00 | 460.34 | 13.4  | 265.67 | 3.58 | 2.64  |
| 1998/01/18 01:00:00 | 101.12 | 12.37 | 106.84 | 3.35 | 2.08  |
| 1998/01/18 02:00:00 | 101.34 | 10.84 | 265.38 | 1.43 | 2.6   |
| 1998/01/18 03:00:00 | 106.99 | 12.09 | 409.95 | 2.17 | 1.79  |
| 1998/01/18 04:00:00 | 107.02 | 12.73 | 299.2  | 2.2  | 1.11  |
| 1998/01/18 05:00:00 | 107.49 | 13.31 | 281.12 | 2.85 | 0.74  |
| 1998/01/18 06:00:00 | 110.86 | 13.32 | 307.02 | 3.45 | 0.44  |
| 1998/01/18 07:00:00 | 110.81 | 11.33 | 346.6  | 3.44 | 0.81  |
| 1998/01/18 08:00:00 | 103.87 | 13.15 | 299.82 | 4.12 | 0.02  |
| 1998/01/18 09:00:00 | 104.05 | 10    | 158.18 | 3.27 | -0.74 |
| 1998/01/18 10:00:00 | 101.17 | 8.56  | 341.99 | 2.64 | -0.71 |
| 1998/01/18 11:00:00 | 124.6  | 8.52  | 184.41 | 2.83 | -0.76 |
| 1998/01/18 12:00:00 | 163.57 | 12.58 | 167.68 | 8.19 | -1.04 |
| 1998/01/18 13:00:00 | 181.86 | 13.76 | 189.03 | 9.67 | -1.27 |
| 1998/01/18 14:00:00 | 209.73 | 8.79  | 220.25 | 5.23 | -1.03 |
| 1998/01/18 15:00:00 | 222.54 | 9.69  | 232.22 | 5.17 | -1.23 |
| 1998/01/18 16:00:00 | 226.09 | 9.19  | 232.44 | 4.52 | -1.27 |
| 1998/01/18 17:00:00 | 243.36 | 8.22  | 246.21 | 2.92 | -0.68 |
| 1998/01/18 18:00:00 | 280.74 | 6.7   | 318.95 | 1.37 | 0.28  |
| 1998/01/18 19:00:00 | 287.43 | 9.27  | 302.36 | 1.99 | 1.11  |
| 1998/01/18 20:00:00 | 331.24 | 14.61 | 338.31 | 8.34 | -0.85 |
| 1998/01/18 21:00:00 | 327    | 13.77 | 334.57 | 7.97 | -0.94 |
| 1998/01/18 22:00:00 | 325.08 | 12.81 | 332.16 | 7.23 | -0.88 |
| 1998/01/18 23:00:00 | 326.27 | 13.58 | 331.47 | 7.85 | -0.9  |
| 1998/01/19 00:00:00 | 319.14 | 10.29 | 324.73 | 5.34 | -0.9  |
| 1998/01/19 01:00:00 | 318.01 | 9.51  | 323.93 | 4.96 | -0.73 |
| 1998/01/19 02:00:00 | 346.46 | 8.64  | 347.6  | 5.09 | -0.95 |
| 1998/01/19 03:00:00 | 347.84 | 6.65  | 353.54 | 4    | -0.95 |
| 1998/01/19 04:00:00 | 339.93 | 7.74  | 342.46 | 4.56 | -0.9  |
| 1998/01/19 05:00:00 | 335.11 | 9.01  | 343.74 | 4.89 | -0.77 |
| 1998/01/19 06:00:00 | 343.85 | 9.14  | 350.35 | 5.04 | -0.84 |
| 1998/01/19 07:00:00 | 349.04 | 9.21  | 355.43 | 5.58 | -0.95 |
| 1998/01/19 08:00:00 | 341.23 | 6.63  | 344.85 | 3.84 | -0.99 |
| 1998/01/19 09:00:00 | 343.37 | 9.16  | 348.13 | 5.78 | -1.13 |
| 1998/01/19 10:00:00 | 349.2  | 10.83 | 358.42 | 7.02 | -1.26 |
| 1998/01/19 11:00:00 | 357.9  | 12.55 | 359.44 | 8.61 | -1.54 |
| 1998/01/19 12:00:00 | 359.23 | 11.29 | 366.39 | 7.55 | -1.38 |
| 1998/01/19 13:00:00 | 351.67 | 9.04  | 360.27 | 6.31 | -1.31 |
| 1998/01/19 14:00:00 | 322.7  | 6.51  | 320.92 | 4.56 | -1.56 |



## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/19 15:00:00 | 321.11 | 7.06  | 325.47 | 4.63 | -1.38 |
| 1998/01/19 16:00:00 | 314.8  | 6.96  | 315.62 | 4.19 | -1.74 |
| 1998/01/19 17:00:00 | 320.05 | 6.98  | 324.14 | 4.25 | -1.54 |
| 1998/01/19 18:00:00 | 331.42 | 5.78  | 338.43 | 2.61 | -0.82 |
| 1998/01/19 19:00:00 | 339.04 | 6.12  | 359.5  | 2.04 | 0.04  |
| 1998/01/19 20:00:00 | 357.93 | 6.36  | 388.22 | 1.76 | 1.04  |
| 1998/01/19 21:00:00 | 387.53 | 7.22  | 413.18 | 2.01 | 1.86  |
| 1998/01/19 22:00:00 | 393.71 | 9.08  | 401.97 | 3.43 | 1.33  |
| 1998/01/19 23:00:00 | 404.21 | 9.6   | 409.39 | 4.13 | -0.07 |
| 1998/01/20 00:00:00 | 406.17 | 9.79  | 413.2  | 4.19 | -0.13 |
| 1998/01/20 01:00:00 | 61.88  | 9.54  | 404.08 | 4.1  | -0.09 |
| 1998/01/20 02:00:00 | 412.03 | 7.26  | 418.84 | 1.96 | 0.18  |
| 1998/01/20 03:00:00 | 432.01 | 8.55  | 229.16 | 1.67 | 0.66  |
| 1998/01/20 04:00:00 | 447.86 | 9.95  | 233.31 | 2.61 | 0.04  |
| 1998/01/20 05:00:00 | 455.64 | 10.03 | 369.08 | 2.68 | 0.02  |
| 1998/01/20 06:00:00 | 452.77 | 13.3  | 348.53 | 4.37 | -0.19 |
| 1998/01/20 07:00:00 | 455.12 | 12.57 | 358.05 | 4.19 | -0.24 |
| 1998/01/20 08:00:00 | 462.49 | 10.62 | 300.18 | 3.56 | -0.27 |
| 1998/01/20 09:00:00 | 402.01 | 10.3  | 243.94 | 4.2  | -2.21 |
| 1998/01/20 10:00:00 | 111.9  | 9.84  | 152.71 | 4.63 | -1.8  |
| 1998/01/20 11:00:00 | 243.17 | 10.57 | 155.99 | 5.23 | -1.84 |
| 1998/01/20 12:00:00 | 159.97 | 8.47  | 194.38 | 5.18 | -1.97 |
| 1998/01/20 13:00:00 | 131.35 | 7.58  | 172.01 | 5.3  | -1.88 |
| 1998/01/20 14:00:00 | 139.85 | 7.14  | 169.18 | 5.15 | -1.8  |
| 1998/01/20 15:00:00 | 128.27 | 6.67  | 159.09 | 4.68 | -1.76 |
| 1998/01/20 16:00:00 | 128.33 | 7.49  | 146.89 | 4.45 | -1.77 |
| 1998/01/20 17:00:00 | 128.4  | 9.57  | 150.54 | 4.75 | -1.32 |
| 1998/01/20 18:00:00 | 116.84 | 8.25  | 309    | 2.09 | -0.3  |
| 1998/01/20 19:00:00 | 107.52 | 7.54  | 325.22 | 1.6  | 1.18  |
| 1998/01/20 20:00:00 | 106.61 | 7.78  | 363.19 | 1.28 | 1.36  |
| 1998/01/20 21:00:00 | 115.03 | 5.91  | 179.89 | 1.64 | 1.16  |
| 1998/01/20 22:00:00 | 121.59 | 9.44  | 200.3  | 1.92 | 1.18  |
| 1998/01/20 23:00:00 | 132.62 | 12.51 | 163.91 | 3.23 | 0.51  |
| 1998/01/21 00:00:00 | 122.07 | 13.16 | 191.26 | 3.65 | -0.34 |
| 1998/01/21 01:00:00 | 112.5  | 13.21 | 245.64 | 3.98 | -0.36 |
| 1998/01/21 02:00:00 | 234.35 | 14.32 | 263.29 | 4.32 | -0.45 |
| 1998/01/21 03:00:00 | 300.1  | 12.86 | 228.39 | 4.2  | -0.4  |
| 1998/01/21 04:00:00 | 108.23 | 7.82  | 220.17 | 2.63 | -0.37 |
| 1998/01/21 05:00:00 | 116.93 | 5.99  | 269.32 | 2.11 | -0.29 |
| 1998/01/21 06:00:00 | 94.08  | 7.44  | 391.11 | 2.36 | 0     |
| 1998/01/21 07:00:00 | 94.45  | 9.17  | 404.46 | 3.19 | -0.09 |
| 1998/01/21 08:00:00 | 97.69  | 9.28  | 313.8  | 3.27 | -0.44 |
| 1998/01/21 09:00:00 | 137.62 | 8.63  | 313.88 | 3.86 | -1.01 |
| 1998/01/21 10:00:00 | 373.21 | 6.82  | 364.38 | 3.69 | -0.67 |
| 1998/01/21 11:00:00 | 394.78 | 7.94  | 383.07 | 3.61 | -0.29 |
| 1998/01/21 12:00:00 | 443.37 | 9.08  | 382.01 | 4.01 | -0.18 |
| 1998/01/21 13:00:00 | 358.64 | 7.65  | 350.9  | 4.2  | -0.21 |
| 1998/01/21 14:00:00 | 398.91 | 10.16 | 403.72 | 5.36 | -0.11 |
| 1998/01/21 15:00:00 | 432.67 | 10.69 | 405.61 | 5.02 | 0.26  |
| 1998/01/21 16:00:00 | 428.57 | 10.44 | 348.75 | 4.87 | 0.54  |
| 1998/01/21 17:00:00 | 441.27 | 13.03 | 336.37 | 5.66 | 0.59  |
| 1998/01/21 18:00:00 | 396.94 | 8.98  | 390.78 | 4.12 | 0.6   |
| 1998/01/21 19:00:00 | 347.31 | 9.72  | 293.7  | 4.13 | 0.86  |
| 1998/01/21 20:00:00 | 333.71 | 11.08 | 218.89 | 4.93 | 0.88  |
| 1998/01/21 21:00:00 | 344.57 | 9.79  | 274.51 | 4.81 | 0.79  |
| 1998/01/21 22:00:00 | 325.46 | 9.67  | 352.58 | 4.36 | 0.98  |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/21 23:00:00 | 440.01 | 13.24 | 347.68 | 5.97 | 0.96  |
| 1998/01/22 00:00:00 | 434.32 | 14.24 | 355.82 | 7.28 | 0.92  |
| 1998/01/22 01:00:00 | 174.68 | 11.31 | 316.08 | 5    | 1.05  |
| 1998/01/22 02:00:00 | 84.07  | 13.42 | 368.33 | 6.04 | 0.99  |
| 1998/01/22 03:00:00 | 81.28  | 15.63 | 355.72 | 6.86 | 0.98  |
| 1998/01/22 04:00:00 | 154.28 | 16.1  | 378.97 | 7.76 | 0.95  |
| 1998/01/22 05:00:00 | 444.89 | 14.49 | 322.2  | 6.72 | 0.89  |
| 1998/01/22 06:00:00 | 379.07 | 10.14 | 303.16 | 4.48 | 1.09  |
| 1998/01/22 07:00:00 | 373.58 | 8.96  | 272.24 | 3.75 | 1.1   |
| 1998/01/22 08:00:00 | 422.36 | 8.32  | 410.19 | 3.53 | 0.81  |
| 1998/01/22 09:00:00 | 425.7  | 7.55  | 407.55 | 3.47 | 0.48  |
| 1998/01/22 10:00:00 | 378.55 | 3.64  | 356.12 | 2.06 | -0.32 |
| 1998/01/22 11:00:00 | 320.37 | 6.06  | 327.15 | 3.27 | -0.3  |
| 1998/01/22 12:00:00 | 322.75 | 6.76  | 327.53 | 3.65 | -0.97 |
| 1998/01/22 13:00:00 | 307.94 | 7.46  | 318.81 | 3.92 | -0.58 |
| 1998/01/22 14:00:00 | 312.75 | 11.88 | 325.58 | 6.76 | 0.45  |
| 1998/01/22 15:00:00 | 314.21 | 12.61 | 322.17 | 6.72 | 1.18  |
| 1998/01/22 16:00:00 | 313.6  | 14.03 | 324.57 | 7.33 | 1.45  |
| 1998/01/22 17:00:00 | 319.54 | 11.33 | 327.53 | 6.45 | 1.6   |
| 1998/01/22 18:00:00 | 316.62 | 11.67 | 324.09 | 5.92 | 1.42  |
| 1998/01/22 19:00:00 | 324.01 | 9.6   | 331.39 | 5.27 | 0.38  |
| 1998/01/22 20:00:00 | 323.46 | 8.46  | 324.65 | 4.67 | -0.59 |
| 1998/01/22 21:00:00 | 311.45 | 9.25  | 316.72 | 4.89 | -0.36 |
| 1998/01/22 22:00:00 | 304.67 | 8.3   | 313.28 | 3.99 | -0.43 |
| 1998/01/22 23:00:00 | 311.02 | 9.89  | 319.62 | 4.68 | -0.36 |
| 1998/01/23 00:00:00 | 324.43 | 9.36  | 334.24 | 5.17 | -0.59 |
| 1998/01/23 01:00:00 | 332.22 | 9.78  | 341.04 | 5.7  | -0.71 |
| 1998/01/23 02:00:00 | 327.15 | 10.18 | 335.26 | 5.81 | -0.94 |
| 1998/01/23 03:00:00 | 335.85 | 9.12  | 342.29 | 5.34 | -0.93 |
| 1998/01/23 04:00:00 | 339.6  | 10.25 | 343.88 | 6.3  | -0.91 |
| 1998/01/23 05:00:00 | 326.35 | 9.76  | 331.46 | 5.69 | -0.86 |
| 1998/01/23 06:00:00 | 323.99 | 8.98  | 332.21 | 4.97 | -0.81 |
| 1998/01/23 07:00:00 | 337.39 | 7.77  | 346.16 | 4.76 | -0.84 |
| 1998/01/23 08:00:00 | 325.3  | 6.13  | 331.17 | 3.48 | -0.93 |
| 1998/01/23 09:00:00 | 328.03 | 8.01  | 330.55 | 4.68 | -1.02 |
| 1998/01/23 10:00:00 | 332.03 | 8.1   | 338.01 | 5.16 | -1.13 |
| 1998/01/23 11:00:00 | 331.31 | 7.72  | 334.51 | 4.93 | -1.18 |
| 1998/01/23 12:00:00 | 341.36 | 7.4   | 347.33 | 5.01 | -1.18 |
| 1998/01/23 13:00:00 | 346.07 | 7.27  | 354.42 | 4.86 | -1.24 |
| 1998/01/23 14:00:00 | 319.32 | 7.84  | 324    | 4.87 | -1.33 |
| 1998/01/23 15:00:00 | 326.09 | 10.04 | 329.21 | 6.01 | -1.3  |
| 1998/01/23 16:00:00 | 350.82 | 7.69  | 355.33 | 5.1  | -1.24 |
| 1998/01/23 17:00:00 | 360.97 | 7.57  | 367.05 | 5.01 | -1.09 |
| 1998/01/23 18:00:00 | 371.14 | 7.36  | 375.58 | 4.39 | -0.94 |
| 1998/01/23 19:00:00 | 345.76 | 6.53  | 350.96 | 3.86 | -0.94 |
| 1998/01/23 20:00:00 | 349.36 | 6.45  | 353.31 | 3.51 | -0.87 |
| 1998/01/23 21:00:00 | 342.85 | 5.94  | 351.41 | 3.2  | -0.79 |
| 1998/01/23 22:00:00 | 361.23 | 4.55  | 399.63 | 1.58 | 0.55  |
| 1998/01/23 23:00:00 | 356.03 | 6.7   | 384.13 | 2.43 | 0.54  |
| 1998/01/24 00:00:00 | 381.31 | 4.68  | 420.37 | 1.19 | 0.85  |
| 1998/01/24 01:00:00 | 199.44 | 5.35  | 370.93 | 1.68 | 1.74  |
| 1998/01/24 02:00:00 | 354.93 | 4.65  | 414.19 | 1.54 | 1.68  |
| 1998/01/24 03:00:00 | 300.61 | 5.2   | 345.17 | 1    | 1.12  |
| 1998/01/24 04:00:00 | 296.44 | 5.65  | 318.98 | 1.56 | 0.03  |
| 1998/01/24 05:00:00 | 300.49 | 6.16  | 325.44 | 1.47 | 0.08  |
| 1998/01/24 06:00:00 | 299.34 | 5.15  | 328.99 | 1.52 | 0.23  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/24 07:00:00 | 317.86 | 4.26  | 363.17 | 1.74 | 0.28  |
| 1998/01/24 08:00:00 | 307.47 | 2.3   | 377.08 | 1.43 | -0.36 |
| 1998/01/24 09:00:00 | 292.35 | 3.06  | 315.63 | 1.75 | -0.77 |
| 1998/01/24 10:00:00 | 251.59 | 3.17  | 250.87 | 2.28 | -0.96 |
| 1998/01/24 11:00:00 | 205.71 | 2.33  | 237.85 | 1.71 | -1.59 |
| 1998/01/24 12:00:00 | 269.89 | 3.87  | 272.95 | 3.24 | -1.51 |
| 1998/01/24 13:00:00 | 268.63 | 4.97  | 282.4  | 3.66 | -1.82 |
| 1998/01/24 14:00:00 | 287.75 | 5.58  | 298.78 | 4.21 | -1.91 |
| 1998/01/24 15:00:00 | 329.22 | 4.8   | 319.04 | 3.29 | -1.96 |
| 1998/01/24 16:00:00 | 321.69 | 5.44  | 324.05 | 3.77 | -1.95 |
| 1998/01/24 17:00:00 | 339.31 | 4.88  | 346.39 | 3.28 | -1.43 |
| 1998/01/24 18:00:00 | 371.81 | 7.04  | 380.28 | 3.28 | -0.45 |
| 1998/01/24 19:00:00 | 406.05 | 7.97  | 424.88 | 2.61 | 0.4   |
| 1998/01/24 20:00:00 | 439.77 | 7.63  | 456.95 | 1.47 | 1.39  |
| 1998/01/24 21:00:00 | 455.08 | 8.89  | 156.73 | 1.8  | 2.71  |
| 1998/01/24 22:00:00 | 455.29 | 9.2   | 90.04  | 2.04 | 3.04  |
| 1998/01/24 23:00:00 | 446.91 | 10.24 | 81.58  | 2    | 4.19  |
| 1998/01/25 00:00:00 | 458.78 | 11.03 | 96.9   | 2.51 | 3.68  |
| 1998/01/25 01:00:00 | 115.84 | 10.54 | 98.3   | 3.04 | 3.04  |
| 1998/01/25 02:00:00 | 101.24 | 12.04 | 86.24  | 2.89 | 3.67  |
| 1998/01/25 03:00:00 | 97.22  | 13.53 | 82.41  | 3.17 | 2.72  |
| 1998/01/25 04:00:00 | 97.35  | 13.96 | 76.71  | 3.76 | 1.64  |
| 1998/01/25 05:00:00 | 102.53 | 14.14 | 169.82 | 3.66 | 1.71  |
| 1998/01/25 06:00:00 | 103.39 | 12.42 | 316.63 | 2.53 | 0.97  |
| 1998/01/25 07:00:00 | 102.25 | 12.58 | 208.72 | 3.11 | 0.8   |
| 1998/01/25 08:00:00 | 103.32 | 12.22 | 231.94 | 3.07 | 0.37  |
| 1998/01/25 09:00:00 | 104.8  | 11.58 | 270.08 | 3.89 | -1.54 |
| 1998/01/25 10:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 11:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 12:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 13:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 14:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 15:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 16:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 17:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 18:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 19:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 20:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 21:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 22:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/25 23:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 00:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 01:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 02:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 03:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 04:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 05:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 06:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 07:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 08:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 09:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 10:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 11:00:00 | NaN    | 15.61 | 209.42 | 6.8  | -1.63 |
| 1998/01/26 12:00:00 | NaN    | 14.36 | 182.65 | 5.57 | -0.53 |
| 1998/01/26 13:00:00 | NaN    | 14.81 | 238.82 | 5.88 | -0.63 |
| 1998/01/26 14:00:00 | NaN    | 14.06 | 176.5  | 5.72 | -1.19 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/26 15:00:00 | NaN    | 11.53 | 195.21 | 4.81 | -1.41 |
| 1998/01/26 16:00:00 | NaN    | 9.14  | 241.23 | 3.59 | -1.13 |
| 1998/01/26 17:00:00 | NaN    | 8.25  | 220.87 | 3.05 | -0.93 |
| 1998/01/26 18:00:00 | NaN    | 3.29  | 295.67 | 1.03 | -0.36 |
| 1998/01/26 19:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 20:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 21:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 22:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/26 23:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 00:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 01:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 02:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 03:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 04:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 05:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 06:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 07:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 08:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 09:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/01/27 10:00:00 | NaN    | 1.84  | 297.98 | 4.1  | -3.88 |
| 1998/01/27 11:00:00 | NaN    | 7.82  | 322.54 | 4.57 | -1.26 |
| 1998/01/27 12:00:00 | NaN    | 9.35  | 319.25 | 5.54 | -1.63 |
| 1998/01/27 13:00:00 | NaN    | 8.8   | 321.82 | 5.81 | -1.82 |
| 1998/01/27 14:00:00 | NaN    | 7.63  | 316.83 | 5.42 | -1.95 |
| 1998/01/27 15:00:00 | 312.13 | 7.73  | 322.8  | 5.34 | -1.88 |
| 1998/01/27 16:00:00 | 320.65 | 8.56  | 326.92 | 5.71 | -1.77 |
| 1998/01/27 17:00:00 | 310.87 | 9.07  | 315.01 | 4.76 | -1.58 |
| 1998/01/27 18:00:00 | 317.77 | 7.12  | 337.34 | 2.52 | -0.65 |
| 1998/01/27 19:00:00 | 302.75 | 6.24  | 387.3  | 1.04 | 0.91  |
| 1998/01/27 20:00:00 | 315.25 | 5.45  | 377.14 | 0.96 | 1.12  |
| 1998/01/27 21:00:00 | 298.87 | 5.28  | 277.74 | 1.26 | 2.65  |
| 1998/01/27 22:00:00 | 281.02 | 3.85  | 71.9   | 1.21 | 3.76  |
| 1998/01/27 23:00:00 | 251.73 | 4.14  | 101.57 | 0.82 | 5.13  |
| 1998/01/28 00:00:00 | 234.42 | 7.39  | 152.49 | 0.51 | 4.86  |
| 1998/01/28 01:00:00 | 222.06 | 6.18  | 182.11 | 0.88 | 1.98  |
| 1998/01/28 02:00:00 | 235.02 | 4.89  | 87.03  | 0.7  | 1.54  |
| 1998/01/28 03:00:00 | 206.68 | 4.18  | 74.87  | 0.91 | 3.22  |
| 1998/01/28 04:00:00 | 202.6  | 4.86  | 178.98 | 0.86 | 4.37  |
| 1998/01/28 05:00:00 | 209    | 4.23  | 427.98 | 1.33 | 4.99  |
| 1998/01/28 06:00:00 | 179.47 | 3.6   | 446.42 | 1.37 | 7.34  |
| 1998/01/28 07:00:00 | 181.49 | 4.61  | 444.58 | 1.68 | 8.46  |
| 1998/01/28 08:00:00 | 161.32 | 4.55  | 435.46 | 2.17 | 9.39  |
| 1998/01/28 09:00:00 | 132.91 | 6.22  | 423.27 | 1.46 | 2.82  |
| 1998/01/28 10:00:00 | 136.79 | 4.5   | 147.7  | 2.67 | -0.92 |
| 1998/01/28 11:00:00 | 224.97 | 4.78  | 151.35 | 3.47 | -1.7  |
| 1998/01/28 12:00:00 | 170    | 4.56  | 190.24 | 3.41 | -1.89 |
| 1998/01/28 13:00:00 | 251.67 | 5.95  | 253.19 | 4.27 | -2.06 |
| 1998/01/28 14:00:00 | 250.88 | 6.24  | 255.36 | 4.34 | -2.11 |
| 1998/01/28 15:00:00 | 239.17 | 7.83  | 239.51 | 5.65 | -2.3  |
| 1998/01/28 16:00:00 | 236.04 | 9.06  | 235.93 | 6.28 | -2.21 |
| 1998/01/28 17:00:00 | 234.25 | 8.41  | 235.35 | 4.96 | -1.57 |
| 1998/01/28 18:00:00 | 223.93 | 6.1   | 226.2  | 1.43 | 0.37  |
| 1998/01/28 19:00:00 | 208.3  | 7.26  | 175.75 | 0.57 | 1.81  |
| 1998/01/28 20:00:00 | 186.43 | 8.77  | 168.56 | 2.19 | 1.06  |
| 1998/01/28 21:00:00 | 180.41 | 8.16  | 151.26 | 2.21 | 1.37  |
| 1998/01/28 22:00:00 | 179.19 | 7.93  | 150.94 | 2.63 | 1.72  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/28 23:00:00 | 181.38 | 9.74  | 160.76 | 3.77 | 0.95  |
| 1998/01/29 00:00:00 | 181.45 | 8.7   | 162.92 | 3.36 | 0.29  |
| 1998/01/29 01:00:00 | 194.41 | 7.76  | 191.65 | 2.56 | 0.19  |
| 1998/01/29 02:00:00 | 195.35 | 7.87  | 179.14 | 2.55 | -0.03 |
| 1998/01/29 03:00:00 | 188.84 | 7.76  | 143.81 | 1.96 | 1.4   |
| 1998/01/29 04:00:00 | 184.46 | 8.04  | 249.6  | 1.62 | 2.62  |
| 1998/01/29 05:00:00 | 175.17 | 7.44  | 248.97 | 1.36 | 3.79  |
| 1998/01/29 06:00:00 | 171.87 | 7.41  | 93.57  | 1.33 | 4.67  |
| 1998/01/29 07:00:00 | 173.94 | 7.32  | 103.82 | 1.43 | 4.98  |
| 1998/01/29 08:00:00 | 179.45 | 8.18  | 109.71 | 1.38 | 4.34  |
| 1998/01/29 09:00:00 | 179.84 | 6.69  | 125.85 | 1.71 | 1.36  |
| 1998/01/29 10:00:00 | 214.47 | 4.97  | 218.63 | 2.93 | -1.36 |
| 1998/01/29 11:00:00 | 235.08 | 8.36  | 235.98 | 5.07 | -1.75 |
| 1998/01/29 12:00:00 | 242.95 | 7.99  | 245.47 | 3.71 | -1.53 |
| 1998/01/29 13:00:00 | 250.11 | 6.07  | 241.39 | 3.54 | -1.33 |
| 1998/01/29 14:00:00 | 242.61 | 4.45  | 243.68 | 2.54 | -1.31 |
| 1998/01/29 15:00:00 | 242.61 | 4.45  | 243.68 | 2.54 | -1.31 |
| 1998/01/29 16:00:00 | 252.02 | 4.38  | 260.34 | 3.12 | -1.49 |
| 1998/01/29 17:00:00 | 255.27 | 3.09  | 252.33 | 1.9  | -1.21 |
| 1998/01/29 18:00:00 | 199.31 | 2.16  | 160.54 | 1.19 | -0.36 |
| 1998/01/29 19:00:00 | 361.72 | 5.68  | 391.25 | 2.69 | 0.49  |
| 1998/01/29 20:00:00 | 396.77 | 5.21  | 336.45 | 1.39 | 0.53  |
| 1998/01/29 21:00:00 | 402.1  | 5.43  | 80.87  | 1.66 | 0.83  |
| 1998/01/29 22:00:00 | 405.77 | 5.83  | 164.84 | 1.59 | 0.93  |
| 1998/01/29 23:00:00 | 422.42 | 5.96  | 86.58  | 1.02 | 1.66  |
| 1998/01/30 00:00:00 | 433.22 | 5.53  | 325.92 | 1.54 | 2.19  |
| 1998/01/30 01:00:00 | 96.73  | 6.39  | 124.21 | 1.29 | 2.45  |
| 1998/01/30 02:00:00 | 80.16  | 7     | 63.13  | 1.44 | 2.63  |
| 1998/01/30 03:00:00 | 60.09  | 5.31  | 55.22  | 1.17 | 3.32  |
| 1998/01/30 04:00:00 | 214.7  | 7.89  | 257.66 | 2.42 | 2.68  |
| 1998/01/30 05:00:00 | 426.2  | 10.27 | 388.31 | 2.69 | 1.49  |
| 1998/01/30 06:00:00 | 425.22 | 8.01  | 335.79 | 1.19 | 2.07  |
| 1998/01/30 07:00:00 | 434.71 | 8.89  | 211.01 | 1.23 | 2     |
| 1998/01/30 08:00:00 | 432.38 | 9.74  | 308.22 | 1.99 | 1.31  |
| 1998/01/30 09:00:00 | 439.31 | 7.79  | 384.64 | 2.93 | -2.3  |
| 1998/01/30 10:00:00 | 262.9  | 5.42  | 231.33 | 3.08 | -1.97 |
| 1998/01/30 11:00:00 | 353.38 | 4.02  | 215.26 | 3.37 | -1.82 |
| 1998/01/30 12:00:00 | 261.33 | 3.69  | 275.55 | 3.03 | -1.92 |
| 1998/01/30 13:00:00 | 354.24 | 6.45  | 349.4  | 4.65 | -1.94 |
| 1998/01/30 14:00:00 | 353.7  | 6.06  | 331.98 | 4.41 | -2.07 |
| 1998/01/30 15:00:00 | 312.65 | 6.77  | 310.02 | 4.86 | -2.08 |
| 1998/01/30 16:00:00 | 313.9  | 7.13  | 315.62 | 4.94 | -2.06 |
| 1998/01/30 17:00:00 | 333.15 | 6.56  | 340.3  | 4.13 | -1.55 |
| 1998/01/30 18:00:00 | 362.51 | 7.78  | 367.74 | 3.93 | -0.58 |
| 1998/01/30 19:00:00 | 368.65 | 8.05  | 374.6  | 2.89 | 0.18  |
| 1998/01/30 20:00:00 | 387.8  | 8.5   | 391.96 | 2.76 | 1.51  |
| 1998/01/30 21:00:00 | 388.23 | 9.12  | 389.7  | 3.36 | 1.25  |
| 1998/01/30 22:00:00 | 386.28 | 10.29 | 387.12 | 4.43 | 0.5   |
| 1998/01/30 23:00:00 | 386.38 | 10.18 | 388.06 | 4.22 | 0.42  |
| 1998/01/31 00:00:00 | 394.97 | 9.65  | 396.46 | 3.86 | 0.3   |
| 1998/01/31 01:00:00 | 393.44 | 8.9   | 396.73 | 3.32 | 0.47  |
| 1998/01/31 02:00:00 | 416.46 | 8.18  | 291.63 | 2.41 | 0.36  |
| 1998/01/31 03:00:00 | 426.3  | 9.18  | 237.29 | 2.04 | 1.21  |
| 1998/01/31 04:00:00 | 440.76 | 7.46  | 186.34 | 1.23 | 3.54  |
| 1998/01/31 05:00:00 | 447.33 | 10.92 | 69.24  | 2.52 | 2.47  |
| 1998/01/31 06:00:00 | 445.24 | 10.51 | 67.91  | 2.65 | 1.71  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/01/31 07:00:00 | 443.11 | 10.57 | 66.49  | 2.71 | 2.08  |
| 1998/01/31 08:00:00 | 432.71 | 9.09  | 103.79 | 2.51 | 1.77  |
| 1998/01/31 09:00:00 | 444    | 7.27  | 199    | 2.46 | -1.25 |
| 1998/01/31 10:00:00 | 457.13 | 8.36  | 171.14 | 4.43 | -1.78 |
| 1998/01/31 11:00:00 | 233.8  | 10.22 | 174.13 | 5.22 | -1.96 |
| 1998/01/31 12:00:00 | 189.26 | 9.86  | 181.12 | 5.77 | -2.09 |
| 1998/01/31 13:00:00 | 219.1  | 8     | 205.35 | 5.64 | -2.04 |
| 1998/01/31 14:00:00 | 153.67 | 7.5   | 172.6  | 5.31 | -1.98 |
| 1998/01/31 15:00:00 | 157.64 | 6.84  | 191.78 | 4.17 | -1.92 |
| 1998/01/31 16:00:00 | 135.57 | 6.93  | 296.89 | 4.25 | -1.76 |
| 1998/01/31 17:00:00 | 416.61 | 5.29  | 394.26 | 2.36 | -1.01 |
| 1998/01/31 18:00:00 | 439.42 | 6.06  | 417.28 | 1.82 | 0.3   |
| 1998/01/31 19:00:00 | 441.4  | 8.34  | 424.11 | 2.23 | 0.43  |
| 1998/01/31 20:00:00 | 452.82 | 7.89  | 247.91 | 1.76 | 0.42  |
| 1998/01/31 21:00:00 | 467.28 | 7.25  | 68.71  | 1.42 | 1.04  |
| 1998/01/31 22:00:00 | 462.08 | 8.18  | 125.8  | 2.18 | 0.33  |
| 1998/01/31 23:00:00 | 443.87 | 7.96  | 78.18  | 2.25 | 0.3   |
| 1998/02/01 00:00:00 | 465.41 | 8.63  | 327.39 | 2.62 | 0     |
| 1998/02/01 01:00:00 | 122.95 | 8.36  | 242.83 | 2.35 | 0.17  |
| 1998/02/01 02:00:00 | 131.75 | 4.65  | 298.03 | 2.06 | 0.72  |
| 1998/02/01 03:00:00 | 101.33 | 8.29  | 400.26 | 2.73 | 0.23  |
| 1998/02/01 04:00:00 | 99.67  | 8.66  | 343.29 | 2.33 | -0.32 |
| 1998/02/01 05:00:00 | 104.91 | 7.21  | 324.7  | 2.01 | -0.53 |
| 1998/02/01 06:00:00 | 134.45 | 7.93  | 281.4  | 2.01 | -0.16 |
| 1998/02/01 07:00:00 | 101.44 | 11.17 | 365.95 | 3.2  | 0.07  |
| 1998/02/01 08:00:00 | 80.53  | 12.06 | 340.41 | 4.89 | -0.39 |
| 1998/02/01 09:00:00 | 78.24  | 11.25 | 407.75 | 4.75 | -0.36 |
| 1998/02/01 10:00:00 | 252.3  | 9.38  | 359.35 | 4.93 | -0.82 |
| 1998/02/01 11:00:00 | 376.92 | 9.28  | 377.2  | 5.06 | -0.88 |
| 1998/02/01 12:00:00 | 343.61 | 11.22 | 347.57 | 6.41 | -0.91 |
| 1998/02/01 13:00:00 | 369.38 | 13.33 | 371.94 | 7.65 | -0.41 |
| 1998/02/01 14:00:00 | 383.79 | 12.48 | 388.1  | 6.9  | 0     |
| 1998/02/01 15:00:00 | 403.69 | 12.93 | 408.64 | 6.45 | 0.18  |
| 1998/02/01 16:00:00 | 403.1  | 14.05 | 402.84 | 7.97 | 0.03  |
| 1998/02/01 17:00:00 | 405.95 | 14.22 | 404.37 | 8    | -0.08 |
| 1998/02/01 18:00:00 | 405.95 | 14.22 | 404.37 | 8    | -0.08 |
| 1998/02/01 19:00:00 | 427.5  | 11.42 | 391.23 | 5.56 | -0.26 |
| 1998/02/01 20:00:00 | 424.45 | 10.92 | 420.25 | 5.41 | -0.22 |
| 1998/02/01 21:00:00 | 439.45 | 13.89 | 334.34 | 6.12 | 0.13  |
| 1998/02/01 22:00:00 | 441.83 | 13.44 | 374.68 | 6.4  | 0.18  |
| 1998/02/01 23:00:00 | 441.75 | 13.52 | 398.77 | 6.11 | -0.05 |
| 1998/02/02 00:00:00 | 443.33 | 12.81 | 350.19 | 6.1  | -0.44 |
| 1998/02/02 01:00:00 | 362.5  | 9.02  | 373.65 | 4.26 | -0.45 |
| 1998/02/02 02:00:00 | 406.54 | 7.31  | 390.15 | 3.37 | -0.57 |
| 1998/02/02 03:00:00 | 391.18 | 5.59  | 312.34 | 2.04 | -0.33 |
| 1998/02/02 04:00:00 | 375.78 | 8.48  | 373.28 | 3.89 | -0.53 |
| 1998/02/02 05:00:00 | 370.38 | 9.12  | 367.13 | 5.05 | -0.81 |
| 1998/02/02 06:00:00 | 378.2  | 9.19  | 375.05 | 5.23 | -0.78 |
| 1998/02/02 07:00:00 | 384.24 | 8.62  | 386    | 4.73 | -0.71 |
| 1998/02/02 08:00:00 | 377.52 | 8.79  | 375.53 | 4.58 | -0.19 |
| 1998/02/02 09:00:00 | 376.97 | 8.31  | 367.87 | 4.35 | -0.56 |
| 1998/02/02 10:00:00 | 382.23 | 8.52  | 381.16 | 4.87 | -0.62 |
| 1998/02/02 11:00:00 | 388.91 | 8.58  | 388.36 | 5.11 | -0.88 |
| 1998/02/02 12:00:00 | 380.8  | 9.64  | 383.11 | 6.07 | -0.85 |
| 1998/02/02 13:00:00 | 378.72 | 9.33  | 379.71 | 5.6  | -0.35 |
| 1998/02/02 14:00:00 | 380.34 | 9.65  | 384.41 | 6.06 | -0.3  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/02/02 15:00:00 | 378.67 | 10.9  | 375.56 | 6.78 | -0.54 |
| 1998/02/02 16:00:00 | 370.04 | 10.52 | 372.87 | 6.66 | -0.62 |
| 1998/02/02 17:00:00 | 369.25 | 11.35 | 369.32 | 6.76 | -0.57 |
| 1998/02/02 18:00:00 | 377.07 | 11.73 | 378.58 | 7.31 | -0.59 |
| 1998/02/02 19:00:00 | 374.48 | 11.33 | 376.82 | 6.6  | -0.74 |
| 1998/02/02 20:00:00 | 367.67 | 10.6  | 368.59 | 6.24 | -0.8  |
| 1998/02/02 21:00:00 | 351.74 | 9.63  | 350.76 | 5.63 | -0.8  |
| 1998/02/02 22:00:00 | 357.26 | 11.74 | 357.25 | 7.09 | -0.76 |
| 1998/02/02 23:00:00 | 348.05 | 11.99 | 351.75 | 7.13 | -0.76 |
| 1998/02/03 00:00:00 | 349.51 | 11.74 | 348.83 | 7.36 | -0.83 |
| 1998/02/03 01:00:00 | 345.12 | 11.93 | 344.96 | 7.28 | -0.68 |
| 1998/02/03 02:00:00 | 356.44 | 13.73 | 358.25 | 8.37 | -0.83 |
| 1998/02/03 03:00:00 | 350.35 | 12.05 | 352.81 | 7.3  | -0.83 |
| 1998/02/03 04:00:00 | 350.75 | 11.54 | 348.25 | 7.08 | -0.83 |
| 1998/02/03 05:00:00 | 335.32 | 12.34 | 338.89 | 7.29 | -0.85 |
| 1998/02/03 06:00:00 | 337.94 | 14.49 | 342.13 | 8.7  | -0.85 |
| 1998/02/03 07:00:00 | 340.47 | 15.06 | 346.74 | 9.5  | -0.87 |
| 1998/02/03 08:00:00 | 340.65 | 13.89 | 345.89 | 8.28 | -0.86 |
| 1998/02/03 09:00:00 | 343.91 | 13.68 | 349.66 | 8.79 | -1.58 |
| 1998/02/03 10:00:00 | 333.23 | 13.58 | 334.14 | 8.35 | -1.73 |
| 1998/02/03 11:00:00 | 328.95 | 14.92 | 332.2  | 9.52 | -1.48 |
| 1998/02/03 12:00:00 | 319.9  | 14.24 | 322.72 | 8.51 | -1.97 |
| 1998/02/03 13:00:00 | 319.56 | 14.57 | 324.64 | 8.26 | -1.88 |
| 1998/02/03 14:00:00 | 318.53 | 13.86 | 326.33 | 8.25 | -2.15 |
| 1998/02/03 15:00:00 | 320.88 | 15.4  | 328.41 | 9.39 | -2.08 |
| 1998/02/03 16:00:00 | 323.16 | 16.22 | 331.89 | 8.95 | -1.83 |
| 1998/02/03 17:00:00 | 318.21 | 16.51 | 326.16 | 9.24 | -1.34 |
| 1998/02/03 18:00:00 | 321.76 | 15.8  | 330.81 | 8.4  | -0.9  |
| 1998/02/03 19:00:00 | 330.73 | 13.89 | 338.17 | 8.01 | -0.85 |
| 1998/02/03 20:00:00 | 332.51 | 11.42 | 337.71 | 5.72 | -0.63 |
| 1998/02/03 21:00:00 | 342.19 | 11.92 | 345.44 | 7.1  | -0.66 |
| 1998/02/03 22:00:00 | 340.11 | 11.72 | 344.65 | 6.68 | -0.7  |
| 1998/02/03 23:00:00 | 337.67 | 11.51 | 343.96 | 6.63 | -0.71 |
| 1998/02/04 00:00:00 | 334    | 11.46 | 338.97 | 6.33 | -0.66 |
| 1998/02/04 01:00:00 | 330.64 | 11.95 | 334.28 | 7.18 | -0.55 |
| 1998/02/04 02:00:00 | 345.3  | 13.14 | 351.27 | 7.37 | -0.68 |
| 1998/02/04 03:00:00 | 351.97 | 12    | 356.39 | 7.08 | -0.71 |
| 1998/02/04 04:00:00 | 340.89 | 11.37 | 342.64 | 6.8  | -0.71 |
| 1998/02/04 05:00:00 | 340.29 | 11.68 | 340.48 | 6.47 | -0.67 |
| 1998/02/04 06:00:00 | 330.63 | 10.65 | 338.62 | 5.75 | -0.64 |
| 1998/02/04 07:00:00 | 326.64 | 7.89  | 331.31 | 3.35 | -0.55 |
| 1998/02/04 08:00:00 | 306.4  | 6.66  | 307.13 | 2.61 | -0.49 |
| 1998/02/04 09:00:00 | 306.3  | 8     | 310.53 | 4.49 | -2.62 |
| 1998/02/04 10:00:00 | 317.33 | 8.94  | 322.73 | 5.91 | -2.04 |
| 1998/02/04 11:00:00 | 314.27 | 9.7   | 322.48 | 6.49 | -2.11 |
| 1998/02/04 12:00:00 | 315.42 | 10.29 | 321.76 | 7.03 | -2.2  |
| 1998/02/04 13:00:00 | 318.44 | 13.35 | 324.81 | 8.47 | -2.55 |
| 1998/02/04 14:00:00 | 319.38 | 13.31 | 322.24 | 8.36 | -2.4  |
| 1998/02/04 15:00:00 | 313.83 | 14.85 | 318.01 | 8.79 | -2.35 |
| 1998/02/04 16:00:00 | 322.72 | 14.59 | 329.01 | 8.83 | -2.03 |
| 1998/02/04 17:00:00 | 329.88 | 13.84 | 334.96 | 8.26 | -1.57 |
| 1998/02/04 18:00:00 | 337.99 | 9.45  | 343.26 | 5.63 | -0.94 |
| 1998/02/04 19:00:00 | 336.06 | 8.21  | 339.66 | 3.68 | -0.5  |
| 1998/02/04 20:00:00 | 343.42 | 7.76  | 351.41 | 3.49 | -0.33 |
| 1998/02/04 21:00:00 | 345.16 | 6.92  | 350.87 | 2.51 | -0.19 |
| 1998/02/04 22:00:00 | 337.49 | 4.47  | 346.02 | 0.94 | 1.03  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/02/04 23:00:00 | 346.5  | 5.39  | 396.77 | 1.87 | 2.14  |
| 1998/02/05 00:00:00 | 370.99 | 7.3   | 381.83 | 2.02 | 1.12  |
| 1998/02/05 01:00:00 | 364.82 | 8.49  | 364.74 | 3.24 | 0.41  |
| 1998/02/05 02:00:00 | 348.73 | 6.86  | 335.81 | 2.13 | 0.43  |
| 1998/02/05 03:00:00 | 342.72 | 8.95  | 345.06 | 4.07 | -0.18 |
| 1998/02/05 04:00:00 | 334.48 | 7.45  | 345.19 | 3.03 | -0.48 |
| 1998/02/05 05:00:00 | 341.45 | 6.45  | 357.39 | 2.33 | -0.18 |
| 1998/02/05 06:00:00 | 358.89 | 6.65  | 367.54 | 2.35 | -0.25 |
| 1998/02/05 07:00:00 | 321.44 | 5.86  | 321.45 | 1.75 | -0.21 |
| 1998/02/05 08:00:00 | 310.96 | 5.27  | 316.53 | 1.83 | -0.45 |
| 1998/02/05 09:00:00 | 340.55 | 5.73  | 344.67 | 3.89 | -2.05 |
| 1998/02/05 10:00:00 | 353.64 | 6.14  | 356.21 | 4.7  | -1.64 |
| 1998/02/05 11:00:00 | 294.42 | 5.23  | 293.96 | 3.99 | -1.6  |
| 1998/02/05 12:00:00 | 316.25 | 7.03  | 324.1  | 5.07 | -2.1  |
| 1998/02/05 13:00:00 | 316.25 | 7.57  | 320.15 | 5.37 | -2.18 |
| 1998/02/05 14:00:00 | 307.12 | 8.11  | 309.83 | 5.59 | -2.31 |
| 1998/02/05 15:00:00 | 328.3  | 9.83  | 329.77 | 6.78 | -2    |
| 1998/02/05 16:00:00 | 312.49 | 9.06  | 318.21 | 5.63 | -1.84 |
| 1998/02/05 17:00:00 | 310.4  | 8.66  | 315.2  | 4.63 | -1.21 |
| 1998/02/05 18:00:00 | 317.16 | 7.26  | 328.74 | 3.26 | -0.82 |
| 1998/02/05 19:00:00 | 318.42 | 6.13  | 333.14 | 2.07 | -0.54 |
| 1998/02/05 20:00:00 | 326.87 | 7.41  | 343.29 | 2.75 | -0.37 |
| 1998/02/05 21:00:00 | 368.83 | 8.19  | 377.86 | 3.39 | -0.21 |
| 1998/02/05 22:00:00 | 378.84 | 6.87  | 387.67 | 2.19 | -0.15 |
| 1998/02/05 23:00:00 | 368.28 | 6.99  | 373.3  | 2.3  | 0.06  |
| 1998/02/06 00:00:00 | 347.29 | 5.66  | 376    | 1.47 | 0.13  |
| 1998/02/06 01:00:00 | 336.05 | 5.97  | 361.51 | 1.86 | 0.49  |
| 1998/02/06 02:00:00 | 331.31 | 4.83  | 365.87 | 0.58 | 0.65  |
| 1998/02/06 03:00:00 | 335.28 | 5.64  | 347.05 | 1.34 | 0.29  |
| 1998/02/06 04:00:00 | 323.85 | 4.87  | 315.86 | 1.12 | -0.26 |
| 1998/02/06 05:00:00 | 299.16 | 4.58  | 311.48 | 1.16 | -0.42 |
| 1998/02/06 06:00:00 | 305.13 | 6.15  | 313.18 | 2.12 | -0.74 |
| 1998/02/06 07:00:00 | 320.32 | 6.24  | 331.93 | 2.37 | -0.7  |
| 1998/02/06 08:00:00 | 334.17 | 6.02  | 336.13 | 2.4  | -0.71 |
| 1998/02/06 09:00:00 | 318.93 | 6.22  | 324.75 | 3.73 | -1.66 |
| 1998/02/06 10:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/02/06 11:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/02/06 12:00:00 | 313.09 | 10.41 | 321.32 | 6.67 | -2.33 |
| 1998/02/06 13:00:00 | 319.58 | 10.79 | 329.3  | 7.28 | -2.01 |
| 1998/02/06 14:00:00 | 325.2  | 11.64 | 333.68 | 8.01 | -1.94 |
| 1998/02/06 15:00:00 | 325.98 | 10.67 | 335.02 | 7.11 | -1.74 |
| 1998/02/06 16:00:00 | 324.82 | 11.17 | 332.47 | 6.85 | -1.54 |
| 1998/02/06 17:00:00 | 321.56 | 10.02 | 332.11 | 6.07 | -1.46 |
| 1998/02/06 18:00:00 | 317.08 | 8.78  | 328.61 | 4.17 | -0.97 |
| 1998/02/06 19:00:00 | 307    | 7.16  | 334.57 | 1.67 | -0.23 |
| 1998/02/06 20:00:00 | 308.09 | 2.6   | 432.4  | 1.09 | 1.42  |
| 1998/02/06 21:00:00 | 152.55 | 2.61  | 195.15 | 1.99 | 2.8   |
| 1998/02/06 22:00:00 | 84.88  | 4.35  | 77.23  | 1.74 | 2.97  |
| 1998/02/06 23:00:00 | 108.2  | 3.7   | 100.56 | 1.83 | 4.36  |
| 1998/02/07 00:00:00 | 164.2  | 2.82  | 92.3   | 1.59 | 2.55  |
| 1998/02/07 01:00:00 | 145.18 | 2.43  | 148.63 | 1.49 | 4.12  |
| 1998/02/07 02:00:00 | 158.76 | 2.62  | 438.52 | 1.28 | 5.59  |
| 1998/02/07 03:00:00 | 195.13 | 4.59  | 441.08 | 1.22 | 5.1   |
| 1998/02/07 04:00:00 | 175.45 | 4.29  | 434.57 | 1.73 | 6.95  |
| 1998/02/07 05:00:00 | 164.09 | 5.74  | 428.81 | 2.03 | 7.41  |
| 1998/02/07 06:00:00 | 179.08 | 5.69  | 430.83 | 1.68 | 6.62  |



## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/02/07 07:00:00 | 230.08 | 2.67  | 403.78 | 2.46 | 5.49  |
| 1998/02/07 08:00:00 | 399.65 | 4.85  | 440.32 | 1.75 | 4.32  |
| 1998/02/07 09:00:00 | 410.85 | 4.45  | 372.35 | 2.07 | -1.54 |
| 1998/02/07 10:00:00 | 225.14 | 2.01  | 210.73 | 1.87 | -1.46 |
| 1998/02/07 11:00:00 | 275.37 | 4.22  | 265.5  | 3.3  | -1.7  |
| 1998/02/07 12:00:00 | 281.45 | 5.28  | 289.04 | 3.95 | -1.84 |
| 1998/02/07 13:00:00 | 281.22 | 5.42  | 290.76 | 3.61 | -1.71 |
| 1998/02/07 14:00:00 | 273.93 | 8.24  | 277.42 | 5.18 | -2.1  |
| 1998/02/07 15:00:00 | 291.61 | 8.62  | 297.9  | 5.5  | -2.42 |
| 1998/02/07 16:00:00 | 334.5  | 8.98  | 338.48 | 6.13 | -1.73 |
| 1998/02/07 17:00:00 | 329.43 | 8.94  | 335.41 | 6.13 | -1.51 |
| 1998/02/07 18:00:00 | 354.53 | 8.31  | 357.1  | 5.27 | -1.01 |
| 1998/02/07 19:00:00 | 367.23 | 6.4   | 371.75 | 3.29 | -0.86 |
| 1998/02/07 20:00:00 | 372.11 | 6     | 374.29 | 2.68 | -0.76 |
| 1998/02/07 21:00:00 | 376    | 5.87  | 375.28 | 2.59 | -0.75 |
| 1998/02/07 22:00:00 | 383.8  | 4.44  | 391.74 | 1.64 | -0.71 |
| 1998/02/07 23:00:00 | 383.8  | 4.44  | 391.74 | 1.64 | -0.71 |
| 1998/02/08 00:00:00 | 389.02 | 3.09  | 396.65 | 0.96 | -0.03 |
| 1998/02/08 01:00:00 | 328.18 | 4.88  | 92.05  | 1.47 | 0.65  |
| 1998/02/08 02:00:00 | 406.13 | 3.39  | 339.27 | 0.97 | 0.47  |
| 1998/02/08 03:00:00 | 387.11 | 4.27  | 382.43 | 1.1  | 0.73  |
| 1998/02/08 04:00:00 | 353.6  | 4.69  | 396.79 | 1.43 | 2.29  |
| 1998/02/08 05:00:00 | 344.84 | 5.33  | 387.49 | 1.67 | 2.14  |
| 1998/02/08 06:00:00 | 389.54 | 5.28  | 436.55 | 1.43 | 3.03  |
| 1998/02/08 07:00:00 | 443.03 | 5.85  | 474.22 | 1.33 | 3.47  |
| 1998/02/08 08:00:00 | 478.56 | 3.57  | 413.92 | 1.34 | 2.58  |
| 1998/02/08 09:00:00 | 391.24 | 2.49  | 179.55 | 0.98 | -2.42 |
| 1998/02/08 10:00:00 | 284.9  | 3.15  | 294.28 | 2.48 | -1.64 |
| 1998/02/08 11:00:00 | 265.32 | 3.19  | 263.62 | 2.77 | -1.67 |
| 1998/02/08 12:00:00 | 276.85 | 5.34  | 281.54 | 3.97 | -1.88 |
| 1998/02/08 13:00:00 | 318.06 | 6.91  | 321.29 | 5.16 | -2.19 |
| 1998/02/08 14:00:00 | 316.92 | 6.52  | 320.26 | 4.76 | -2.05 |
| 1998/02/08 15:00:00 | 305.78 | 5.85  | 325.57 | 4.28 | -1.73 |
| 1998/02/08 16:00:00 | 267.92 | 3.44  | 274.29 | 2.29 | -1.37 |
| 1998/02/08 17:00:00 | 330.09 | 5.71  | 333.27 | 3.72 | -1.33 |
| 1998/02/08 18:00:00 | 383.23 | 5.73  | 384.46 | 3.31 | -0.96 |
| 1998/02/08 19:00:00 | 378.15 | 4.32  | 376.78 | 1.65 | -0.53 |
| 1998/02/08 20:00:00 | 385.63 | 5.89  | 350.35 | 2.01 | 0.28  |
| 1998/02/08 21:00:00 | 378.13 | 4.59  | 313.92 | 1.08 | 1.08  |
| 1998/02/08 22:00:00 | 399.67 | 6.4   | 409.84 | 2.14 | 0.02  |
| 1998/02/08 23:00:00 | 423.76 | 6.62  | 405.22 | 2.38 | -0.52 |
| 1998/02/09 00:00:00 | 432.08 | 9.68  | 430.24 | 3.45 | -0.25 |
| 1998/02/09 01:00:00 | 99.43  | 10.43 | 408.81 | 3.62 | -0.15 |
| 1998/02/09 02:00:00 | 84.7   | 10.76 | 278.19 | 3.36 | -0.13 |
| 1998/02/09 03:00:00 | 81.5   | 12.65 | 152.92 | 4.23 | -0.06 |
| 1998/02/09 04:00:00 | 78.79  | 12.15 | 430.33 | 4.24 | 0.07  |
| 1998/02/09 05:00:00 | 82.25  | 12.14 | 372.49 | 3.48 | 0.22  |
| 1998/02/09 06:00:00 | 89.43  | 12.74 | 420.8  | 3.72 | -0.03 |
| 1998/02/09 07:00:00 | 88.62  | 13.3  | 435.07 | 4.32 | 0.1   |
| 1998/02/09 08:00:00 | 89.2   | 14.19 | 391.02 | 5.21 | -0.53 |
| 1998/02/09 09:00:00 | 88.37  | 13.98 | 439.99 | 6.33 | -1.92 |
| 1998/02/09 10:00:00 | 141.39 | 9.8   | 249.23 | 5.6  | -1.74 |
| 1998/02/09 11:00:00 | 108.49 | 9.79  | 153.76 | 5.24 | -1.98 |
| 1998/02/09 12:00:00 | 178.93 | 9.59  | 244.28 | 5.86 | -2.03 |
| 1998/02/09 13:00:00 | 243.16 | 7.89  | 239.39 | 5.4  | -1.84 |
| 1998/02/09 14:00:00 | 248.1  | 7.97  | 275.28 | 5.09 | -1.8  |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/02/09 15:00:00 | 123.69 | 7.8   | 196.25 | 4.86  | -1.66 |
| 1998/02/09 16:00:00 | 167.41 | 10.88 | 157.66 | 6.55  | -1.46 |
| 1998/02/09 17:00:00 | 125.61 | 11.62 | 153.45 | 5.52  | -1.23 |
| 1998/02/09 18:00:00 | 125.79 | 13    | 169.33 | 5.45  | -0.89 |
| 1998/02/09 19:00:00 | 122.13 | 13.67 | 165.18 | 5.57  | -0.87 |
| 1998/02/09 20:00:00 | 124.47 | 13.78 | 152.21 | 6.37  | -0.91 |
| 1998/02/09 21:00:00 | 117.91 | 14.32 | 166.75 | 5.14  | -0.98 |
| 1998/02/09 22:00:00 | 351.55 | 14.05 | 179.67 | 5     | -0.92 |
| 1998/02/09 23:00:00 | 116.62 | 14.59 | 162.16 | 5.15  | -0.94 |
| 1998/02/10 00:00:00 | 115.95 | 15.16 | 197.56 | 5.09  | -0.85 |
| 1998/02/10 01:00:00 | 121.39 | 13.78 | 165.36 | 4.87  | -0.63 |
| 1998/02/10 02:00:00 | 124.91 | 16.47 | 164.96 | 6.8   | -0.74 |
| 1998/02/10 03:00:00 | 121.96 | 15.5  | 169.09 | 6.17  | -0.75 |
| 1998/02/10 04:00:00 | 129.48 | 15.44 | 145.76 | 7.31  | -0.78 |
| 1998/02/10 05:00:00 | 126.34 | 15.83 | 150.1  | 6.87  | -0.79 |
| 1998/02/10 06:00:00 | 130.19 | 16.15 | 145.16 | 7.54  | -0.75 |
| 1998/02/10 07:00:00 | 129.73 | 15.42 | 147.05 | 7.18  | -0.72 |
| 1998/02/10 08:00:00 | 127.95 | 12.92 | 151.44 | 5.62  | -0.82 |
| 1998/02/10 09:00:00 | 128.15 | 12.77 | 146.39 | 6.04  | -1.73 |
| 1998/02/10 10:00:00 | 140.04 | 13.77 | 156.75 | 8.66  | -1.79 |
| 1998/02/10 11:00:00 | 148.41 | 14.29 | 165.11 | 9.87  | -1.71 |
| 1998/02/10 12:00:00 | 150.95 | 18.97 | 165.82 | 12.49 | -1.9  |
| 1998/02/10 13:00:00 | 143.92 | 19.79 | 159.54 | 12.79 | -1.73 |
| 1998/02/10 14:00:00 | 141.34 | 19.84 | 158.99 | 12.31 | -1.55 |
| 1998/02/10 15:00:00 | 137.72 | 21.48 | 155.43 | 12.54 | -1.25 |
| 1998/02/10 16:00:00 | 133.83 | 24.62 | 151.87 | 13.38 | -1.05 |
| 1998/02/10 17:00:00 | 133.69 | 28.27 | 155.93 | 13.07 | -0.85 |
| 1998/02/10 18:00:00 | 172.35 | 23.65 | 188.12 | 13.8  | -0.76 |
| 1998/02/10 19:00:00 | 226.93 | 13.05 | 232.88 | 7.57  | -0.56 |
| 1998/02/10 20:00:00 | 179.3  | 11.69 | 177.42 | 6.45  | -0.01 |
| 1998/02/10 21:00:00 | 151.41 | 12.24 | 162.33 | 6.35  | 0.57  |
| 1998/02/10 22:00:00 | 190.77 | 14.8  | 196.52 | 9.46  | 0.64  |
| 1998/02/10 23:00:00 | 222.48 | 16.43 | 230.76 | 10.69 | 0.53  |
| 1998/02/11 00:00:00 | 219.61 | 14.32 | 228.81 | 9.05  | 0.47  |
| 1998/02/11 01:00:00 | 216.78 | 14.27 | 226.58 | 9.11  | 0.46  |
| 1998/02/11 02:00:00 | 209.72 | 13.1  | 218.94 | 8.52  | -0.39 |
| 1998/02/11 03:00:00 | 216.83 | 14.24 | 226.92 | 9.63  | -0.7  |
| 1998/02/11 04:00:00 | 237.8  | 17.48 | 236.49 | 8.81  | -0.68 |
| 1998/02/11 05:00:00 | 238.99 | 17.15 | 236.72 | 9.11  | -0.73 |
| 1998/02/11 06:00:00 | 237.16 | 17.52 | 234.8  | 10.53 | -0.73 |
| 1998/02/11 07:00:00 | 230.39 | 17.62 | 231.89 | 11.58 | -0.78 |
| 1998/02/11 08:00:00 | 239.25 | 18.64 | 236.67 | 10.22 | -0.89 |
| 1998/02/11 09:00:00 | 234.43 | 18.6  | 234.75 | 11.23 | -1.01 |
| 1998/02/11 10:00:00 | 239.1  | 18.76 | 237.07 | 10.16 | -1.12 |
| 1998/02/11 11:00:00 | 241.65 | 18.83 | 238.08 | 10.43 | -1.48 |
| 1998/02/11 12:00:00 | 241.99 | 18.98 | 237.33 | 11.16 | -1.59 |
| 1998/02/11 13:00:00 | 245.67 | 17.71 | 245.19 | 8.55  | -2.34 |
| 1998/02/11 14:00:00 | 244.14 | 15.6  | 243.87 | 8.46  | -2.53 |
| 1998/02/11 15:00:00 | 239.29 | 16.17 | 236.2  | 9.7   | -2.49 |
| 1998/02/11 16:00:00 | 240.41 | 13.8  | 237.71 | 8.2   | -2.27 |
| 1998/02/11 17:00:00 | 250.42 | 13.35 | 244.22 | 5.6   | -1.79 |
| 1998/02/11 18:00:00 | 253.64 | 10.75 | 251.64 | 3.72  | -0.72 |
| 1998/02/11 19:00:00 | 246.74 | 9.57  | 266.74 | 1.35  | 0.99  |
| 1998/02/11 20:00:00 | 232.76 | 8.84  | 240.55 | 1.75  | 1.9   |
| 1998/02/11 21:00:00 | 238.82 | 9.24  | 277.34 | 0.92  | 2.25  |
| 1998/02/11 22:00:00 | 237.28 | 8.51  | 280.67 | 0.92  | 2.08  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/02/11 23:00:00 | 234.47 | 6.1   | 413.33 | 0.77 | 2.73  |
| 1998/02/12 00:00:00 | 228.99 | 7.09  | 348.14 | 0.55 | 2.36  |
| 1998/02/12 01:00:00 | 238.62 | 6.8   | 298.99 | 0.98 | 2.2   |
| 1998/02/12 02:00:00 | 230.07 | 6.5   | 268.06 | 0.53 | 2.39  |
| 1998/02/12 03:00:00 | 242.89 | 6.01  | 230.19 | 0.59 | 1.63  |
| 1998/02/12 04:00:00 | 249.1  | 6.09  | 246.82 | 0.8  | 1.27  |
| 1998/02/12 05:00:00 | 269.55 | 5.22  | 323.8  | 1.07 | 1.41  |
| 1998/02/12 06:00:00 | 304.89 | 6.53  | 349.39 | 1.36 | 1.34  |
| 1998/02/12 07:00:00 | 314.21 | 4.15  | 328.34 | 1.16 | 2.61  |
| 1998/02/12 08:00:00 | 250.36 | 3.69  | 267.4  | 1.15 | 2.34  |
| 1998/02/12 09:00:00 | 343.3  | 5.85  | 351.62 | 3.39 | -1.9  |
| 1998/02/12 10:00:00 | 368.66 | 4.71  | 385.29 | 3.66 | -1.7  |
| 1998/02/12 11:00:00 | 304.46 | 5.35  | 311.55 | 4.36 | -1.66 |
| 1998/02/12 12:00:00 | 304.89 | 4.45  | 300.2  | 3.34 | -1.85 |
| 1998/02/12 13:00:00 | 310.12 | 4.53  | 320.53 | 3.24 | -1.96 |
| 1998/02/12 14:00:00 | 280.39 | 5.45  | 290.66 | 4.05 | -1.73 |
| 1998/02/12 15:00:00 | 260.83 | 5.35  | 270.26 | 3.92 | -1.72 |
| 1998/02/12 16:00:00 | 331.22 | 6.01  | 335.19 | 4.59 | -1.81 |
| 1998/02/12 17:00:00 | 328.89 | 6.92  | 331.88 | 4.7  | -1.27 |
| 1998/02/12 18:00:00 | 342.39 | 6.87  | 345.93 | 3.77 | -0.85 |
| 1998/02/12 19:00:00 | 342    | 6.42  | 349.84 | 2.71 | -0.51 |
| 1998/02/12 20:00:00 | 352.73 | 7.38  | 362.98 | 3.21 | -0.39 |
| 1998/02/12 21:00:00 | 372.56 | 9.73  | 376.85 | 4.76 | -0.36 |
| 1998/02/12 22:00:00 | 390.23 | 7.31  | 374.29 | 3.6  | -0.6  |
| 1998/02/12 23:00:00 | 409.74 | 3.93  | 293.28 | 1.29 | -0.41 |
| 1998/02/13 00:00:00 | 408.16 | 3.44  | 368.38 | 1.66 | -0.23 |
| 1998/02/13 01:00:00 | 389.94 | 5.38  | 355.79 | 2.19 | -0.27 |
| 1998/02/13 02:00:00 | 420.37 | 6.96  | 378.3  | 2.74 | -0.57 |
| 1998/02/13 03:00:00 | 394.15 | 6.09  | 395.82 | 2.86 | -0.73 |
| 1998/02/13 04:00:00 | 332.66 | 4.13  | 333.17 | 1.83 | -0.73 |
| 1998/02/13 05:00:00 | 321.23 | 3.62  | 325.83 | 1.38 | -0.69 |
| 1998/02/13 06:00:00 | 333.65 | 4.89  | 346.09 | 1.94 | -0.79 |
| 1998/02/13 07:00:00 | 329.53 | 6.13  | 332.99 | 2.44 | -0.78 |
| 1998/02/13 08:00:00 | 367.66 | 6.18  | 375.95 | 3.13 | -0.74 |
| 1998/02/13 09:00:00 | 397.73 | 5.69  | 398.19 | 3.6  | -1.36 |
| 1998/02/13 10:00:00 | 410.2  | 4.5   | 420.12 | 2.72 | -1.29 |
| 1998/02/13 11:00:00 | 152.24 | 4.23  | 184.14 | 3.02 | -1.35 |
| 1998/02/13 12:00:00 | 223.58 | 4.41  | 223.01 | 3.43 | -1.72 |
| 1998/02/13 13:00:00 | 283.75 | 5.65  | 292.28 | 4.29 | -1.8  |
| 1998/02/13 14:00:00 | 310.17 | 6.8   | 312.44 | 4.94 | -2.05 |
| 1998/02/13 15:00:00 | 318.73 | 7.35  | 320.34 | 4.91 | -2.3  |
| 1998/02/13 16:00:00 | 313.98 | 6.9   | 322.49 | 4.72 | -1.95 |
| 1998/02/13 17:00:00 | 318.44 | 6.17  | 322.04 | 4.14 | -1.69 |
| 1998/02/13 18:00:00 | 352.41 | 6.89  | 353.26 | 3.74 | -0.93 |
| 1998/02/13 19:00:00 | 358.9  | 6.28  | 382.08 | 2.04 | 0.32  |
| 1998/02/13 20:00:00 | 350.12 | 5.5   | 422.7  | 1.22 | 2.91  |
| 1998/02/13 21:00:00 | 387.29 | 7.75  | 418.66 | 2.83 | 3.14  |
| 1998/02/13 22:00:00 | 422.67 | 9.31  | 431.52 | 2.88 | 0.49  |
| 1998/02/13 23:00:00 | 431.35 | 9.29  | 434.05 | 2.31 | 0.9   |
| 1998/02/14 00:00:00 | 437.2  | 8.16  | 444.17 | 1.35 | 1.72  |
| 1998/02/14 01:00:00 | 104.48 | 7.87  | 115.72 | 1.66 | 2.21  |
| 1998/02/14 02:00:00 | 80.77  | 7.93  | 73.32  | 1.38 | 3.12  |
| 1998/02/14 03:00:00 | 80.76  | 10.82 | 81.96  | 2.22 | 3.06  |
| 1998/02/14 04:00:00 | 89.38  | 11.91 | 89.02  | 2.56 | 2.06  |
| 1998/02/14 05:00:00 | 87.45  | 13.81 | 82.86  | 3.62 | 2.68  |
| 1998/02/14 06:00:00 | 82.95  | 13.43 | 81.67  | 3.4  | 2.14  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/02/14 07:00:00 | 79.76  | 12.07 | 84.94  | 2.34 | 1.59  |
| 1998/02/14 08:00:00 | 86.93  | 11.88 | 85.01  | 3.07 | 0.78  |
| 1998/02/14 09:00:00 | 90.99  | 8.32  | 85.4   | 4.13 | -1.81 |
| 1998/02/14 10:00:00 | 81.78  | 8.38  | 268.51 | 5.19 | -1.7  |
| 1998/02/14 11:00:00 | 356.91 | 8.19  | 359.13 | 5.01 | -2.06 |
| 1998/02/14 12:00:00 | 189.5  | 9.27  | 273.77 | 5.5  | -2.09 |
| 1998/02/14 13:00:00 | 128.04 | 10.79 | 242.36 | 6.2  | -2.18 |
| 1998/02/14 14:00:00 | 164.47 | 10.35 | 207.93 | 5.89 | -2.1  |
| 1998/02/14 15:00:00 | 425.84 | 10.52 | 339.69 | 5.95 | -1.78 |
| 1998/02/14 16:00:00 | 432.29 | 9.26  | 394.89 | 5.44 | -1.33 |
| 1998/02/14 17:00:00 | 442.36 | 8.57  | 381.13 | 4.37 | -1    |
| 1998/02/14 18:00:00 | 439.3  | 6.3   | 425.11 | 2.28 | -0.52 |
| 1998/02/14 19:00:00 | 430.39 | 6.24  | 399.61 | 1.8  | 0.46  |
| 1998/02/14 20:00:00 | 415.54 | 7.89  | 403.02 | 3.02 | 0.38  |
| 1998/02/14 21:00:00 | 404.66 | 6.94  | 388.57 | 2.72 | 0.29  |
| 1998/02/14 22:00:00 | 413.51 | 7.01  | 400.55 | 2.18 | 0.9   |
| 1998/02/14 23:00:00 | 427.21 | 6.91  | 336.08 | 1.63 | 1.06  |
| 1998/02/15 00:00:00 | 428.47 | 7.11  | 395.8  | 1.83 | 0.33  |
| 1998/02/15 01:00:00 | 107.24 | 8.1   | 148.39 | 2.29 | 0.13  |
| 1998/02/15 02:00:00 | 75.38  | 9.47  | 402.34 | 3.25 | -0.04 |
| 1998/02/15 03:00:00 | 77.79  | 8.92  | 343.1  | 3.2  | -0.39 |
| 1998/02/15 04:00:00 | 77.16  | 11.14 | 376.02 | 4.73 | -0.47 |
| 1998/02/15 05:00:00 | 79.76  | 12.62 | 292.75 | 5.77 | -0.68 |
| 1998/02/15 06:00:00 | 70.86  | 14.02 | 372.41 | 7.22 | -0.74 |
| 1998/02/15 07:00:00 | 343.24 | 15.67 | 271.37 | 7.53 | -0.76 |
| 1998/02/15 08:00:00 | 444.9  | 13.24 | 348.49 | 6.67 | -0.82 |
| 1998/02/15 09:00:00 | 434.18 | 17.14 | 359.01 | 9.05 | -0.86 |
| 1998/02/15 10:00:00 | 439.04 | 16.79 | 348.7  | 8.84 | -1.04 |
| 1998/02/15 11:00:00 | 442.96 | 16.16 | 280.41 | 8.62 | -1.1  |
| 1998/02/15 12:00:00 | 437.47 | 13.95 | 397.2  | 7.92 | -1.19 |
| 1998/02/15 13:00:00 | 428.28 | 13.69 | 380.77 | 8.08 | -1.26 |
| 1998/02/15 14:00:00 | 434.9  | 10.19 | 393.38 | 5.68 | -1.04 |
| 1998/02/15 15:00:00 | 418.45 | 8.32  | 377.05 | 3.66 | -0.43 |
| 1998/02/15 16:00:00 | 415.14 | 8.14  | 405.18 | 3.93 | -0.61 |
| 1998/02/15 17:00:00 | 394.3  | 10.05 | 391.19 | 5.34 | -0.74 |
| 1998/02/15 18:00:00 | 378.25 | 12.44 | 381.51 | 7.41 | -0.41 |
| 1998/02/15 19:00:00 | 371.56 | 11.23 | 369.29 | 6.95 | -0.11 |
| 1998/02/15 20:00:00 | 364.59 | 11.05 | 359.29 | 6.15 | 0.15  |
| 1998/02/15 21:00:00 | 364.93 | 11.78 | 358.84 | 6.63 | 0.38  |
| 1998/02/15 22:00:00 | 353.06 | 10.27 | 348.41 | 5.71 | 0.49  |
| 1998/02/15 23:00:00 | 322.31 | 8.9   | 322.07 | 4.43 | 0.75  |
| 1998/02/16 00:00:00 | 327.45 | 11.22 | 335.03 | 6.06 | 0.83  |
| 1998/02/16 01:00:00 | 297.26 | 7.79  | 297.88 | 3.55 | 1.25  |
| 1998/02/16 02:00:00 | 272.39 | 5.18  | 248.59 | 1.7  | 1.36  |
| 1998/02/16 03:00:00 | 222.91 | 8.13  | 225.01 | 4.85 | 0.96  |
| 1998/02/16 04:00:00 | 215.9  | 9     | 224.21 | 5.37 | 1.01  |
| 1998/02/16 05:00:00 | 202.68 | 8.45  | 210.57 | 4.99 | 1.09  |
| 1998/02/16 06:00:00 | 207.84 | 8.7   | 216.47 | 5.39 | 1.14  |
| 1998/02/16 07:00:00 | 198.62 | 6.37  | 205.23 | 3.64 | 1.17  |
| 1998/02/16 08:00:00 | 183.27 | 6.17  | 187.5  | 3.44 | 1.54  |
| 1998/02/16 09:00:00 | 174.94 | 7.26  | 177.87 | 4.67 | 1.3   |
| 1998/02/16 10:00:00 | 174.47 | 7.48  | 181.99 | 4.89 | 0.73  |
| 1998/02/16 11:00:00 | 158.74 | 6.72  | 168.23 | 4.61 | -0.4  |
| 1998/02/16 12:00:00 | 159.52 | 7.03  | 168.23 | 4.86 | -1.03 |
| 1998/02/16 13:00:00 | 341.03 | 7.41  | 188.02 | 4.21 | -1.12 |
| 1998/02/16 14:00:00 | 226.5  | 6.5   | 251.57 | 3.38 | -1.22 |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/02/16 15:00:00 | 89.49  | 7.28  | 347.84 | 3.66  | -1.05 |
| 1998/02/16 16:00:00 | 284.09 | 6.84  | 413.99 | 3.55  | -0.85 |
| 1998/02/16 17:00:00 | 404.86 | 5.61  | 397.44 | 3.24  | -0.89 |
| 1998/02/16 18:00:00 | 435.64 | 4.3   | 337.45 | 1.18  | 0.21  |
| 1998/02/16 19:00:00 | 269.59 | 10.53 | 248.95 | 4.51  | 0.03  |
| 1998/02/16 20:00:00 | 292.74 | 9.3   | 301.21 | 4.04  | 0.67  |
| 1998/02/16 21:00:00 | 354.85 | 10.19 | 275.26 | 5.89  | 1.09  |
| 1998/02/16 22:00:00 | 235.65 | 8.6   | 234.42 | 4.63  | 0.98  |
| 1998/02/16 23:00:00 | 215.59 | 6.74  | 206.16 | 3.14  | 0.9   |
| 1998/02/17 00:00:00 | 211.68 | 8.35  | 217.59 | 4.6   | 0.94  |
| 1998/02/17 01:00:00 | 211.74 | 9.47  | 221    | 6.03  | 1.45  |
| 1998/02/17 02:00:00 | 210.07 | 9.15  | 221.81 | 5.74  | 1.21  |
| 1998/02/17 03:00:00 | 208.27 | 11.78 | 218.41 | 7.09  | 1.52  |
| 1998/02/17 04:00:00 | 214.09 | 15.78 | 224.46 | 10.61 | 1.2   |
| 1998/02/17 05:00:00 | 217.47 | 14.74 | 227.42 | 10.33 | 0.97  |
| 1998/02/17 06:00:00 | 209.93 | 15.66 | 218.29 | 10.54 | 0.7   |
| 1998/02/17 07:00:00 | 218.88 | 16.03 | 227.9  | 10.79 | -0.28 |
| 1998/02/17 08:00:00 | 224.2  | 14.46 | 230.12 | 9.27  | -0.69 |
| 1998/02/17 09:00:00 | 223.92 | 15.48 | 228.73 | 10.48 | -0.96 |
| 1998/02/17 10:00:00 | 221.17 | 14.59 | 229.22 | 10.19 | -1.31 |
| 1998/02/17 11:00:00 | 221.9  | 15.17 | 230.2  | 10.71 | -1.55 |
| 1998/02/17 12:00:00 | 215.2  | 18.36 | 223.91 | 13.07 | -1.31 |
| 1998/02/17 13:00:00 | 212.92 | 17.57 | 223.16 | 12.4  | -1.13 |
| 1998/02/17 14:00:00 | 213.79 | 17.64 | 221.08 | 12.28 | -1.19 |
| 1998/02/17 15:00:00 | 247.84 | 17.72 | 249.35 | 7.1   | -0.65 |
| 1998/02/17 16:00:00 | 247.9  | 19.86 | 246.34 | 8.26  | -0.5  |
| 1998/02/17 17:00:00 | 249.01 | 19.57 | 246.2  | 7.65  | -0.82 |
| 1998/02/17 18:00:00 | 253.98 | 16.32 | 253.97 | 6.06  | -0.76 |
| 1998/02/17 19:00:00 | 257.93 | 17.05 | 258.11 | 6.26  | -0.74 |
| 1998/02/17 20:00:00 | 258.12 | 12.08 | 252.83 | 4.16  | -0.71 |
| 1998/02/17 21:00:00 | 250.51 | 12.78 | 251.75 | 4.88  | -0.7  |
| 1998/02/17 22:00:00 | 251.72 | 13.92 | 247.8  | 5.12  | -0.66 |
| 1998/02/17 23:00:00 | 247.81 | 10.54 | 244.04 | 4.06  | -0.56 |
| 1998/02/18 00:00:00 | 224.93 | 9.97  | 233.11 | 5.45  | -0.51 |
| 1998/02/18 01:00:00 | 214.55 | 10.83 | 225.49 | 6.47  | -0.25 |
| 1998/02/18 02:00:00 | 221.86 | 11.1  | 232.31 | 6.23  | -0.33 |
| 1998/02/18 03:00:00 | 231.31 | 11.61 | 236.57 | 5.69  | -0.22 |
| 1998/02/18 04:00:00 | 231.77 | 11.47 | 236.19 | 5.59  | -0.31 |
| 1998/02/18 05:00:00 | 233.15 | 10.72 | 240.34 | 4.66  | -0.24 |
| 1998/02/18 06:00:00 | 235.73 | 8.92  | 238.66 | 3.72  | -0.11 |
| 1998/02/18 07:00:00 | 223.95 | 7.26  | 229.11 | 2.81  | 0.13  |
| 1998/02/18 08:00:00 | 226.87 | 5.92  | 228.35 | 2.55  | -0.24 |
| 1998/02/18 09:00:00 | 232.93 | 4.64  | 228.16 | 3.57  | -1.72 |
| 1998/02/18 10:00:00 | 256.45 | 3.62  | 261.82 | 2.58  | -1.4  |
| 1998/02/18 11:00:00 | 218.31 | 8.3   | 219.34 | 6.99  | -1.89 |
| 1998/02/18 12:00:00 | 218.55 | 9.17  | 222.05 | 7.48  | -2.21 |
| 1998/02/18 13:00:00 | 211.19 | 11.28 | 214.07 | 8.61  | -2.49 |
| 1998/02/18 14:00:00 | 219.63 | 11.77 | 222.67 | 9.19  | -2.42 |
| 1998/02/18 15:00:00 | 229.37 | 9.69  | 231.27 | 7.02  | -2.32 |
| 1998/02/18 16:00:00 | 234.06 | 8.21  | 233.73 | 6.02  | -1.99 |
| 1998/02/18 17:00:00 | 231.82 | 7.56  | 235.83 | 5.36  | -1.76 |
| 1998/02/18 18:00:00 | 215.02 | 6.92  | 217.99 | 3.92  | -0.81 |
| 1998/02/18 19:00:00 | 193.4  | 7.7   | 182.28 | 2.13  | 0.45  |
| 1998/02/18 20:00:00 | 174.57 | 6.82  | 114.72 | 1.51  | 2.01  |
| 1998/02/18 21:00:00 | 178.06 | 7.22  | 125.94 | 1.55  | 2.41  |
| 1998/02/18 22:00:00 | 188.45 | 6.81  | 136.93 | 1.15  | 3.04  |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/02/18 23:00:00 | 178.04 | 5.79  | 117.52 | 0.99 | 4.25  |
| 1998/02/19 00:00:00 | 173.19 | 5.65  | 102.68 | 1.25 | 5.55  |
| 1998/02/19 01:00:00 | 159.25 | 4.96  | 87.1   | 1.62 | 7     |
| 1998/02/19 02:00:00 | 154.87 | 4.77  | 73.64  | 2.18 | 7.55  |
| 1998/02/19 03:00:00 | 185.84 | 4.47  | 57.83  | 1.85 | 7.45  |
| 1998/02/19 04:00:00 | 229.17 | 7.15  | 155    | 0.96 | 6.64  |
| 1998/02/19 05:00:00 | 210.79 | 10.96 | 202.67 | 2.65 | 2.31  |
| 1998/02/19 06:00:00 | 149.98 | 9.22  | 143.97 | 3.44 | 0.18  |
| 1998/02/19 07:00:00 | 123.08 | 7.03  | 123.98 | 2.48 | 0.07  |
| 1998/02/19 08:00:00 | 109.25 | 9.02  | 139.2  | 2.86 | 0.01  |
| 1998/02/19 09:00:00 | 264.6  | 4.23  | 383.74 | 1.91 | -0.72 |
| 1998/02/19 10:00:00 | 223.57 | 3.09  | 304.24 | 1.69 | -0.99 |
| 1998/02/19 11:00:00 | 370.21 | 2.32  | 302.45 | 1.6  | -1.02 |
| 1998/02/19 12:00:00 | 325.82 | 2.62  | 302.71 | 2.07 | -1.03 |
| 1998/02/19 13:00:00 | 296.67 | 2.99  | 300.68 | 2.33 | -1.15 |
| 1998/02/19 14:00:00 | 244.64 | 2.52  | 268.56 | 2.14 | -1.4  |
| 1998/02/19 15:00:00 | 313.13 | 3.52  | 308.28 | 2.62 | -1.48 |
| 1998/02/19 16:00:00 | 308.38 | 3.08  | 312.18 | 2.06 | -1.09 |
| 1998/02/19 17:00:00 | 315.36 | 3.16  | 307.46 | 2.21 | -1.13 |
| 1998/02/19 18:00:00 | 219.96 | 4.07  | 230.09 | 1.34 | -0.53 |
| 1998/02/19 19:00:00 | 223.33 | 2.75  | 376.87 | 1.46 | 0.88  |
| 1998/02/19 20:00:00 | 296.56 | 2.41  | 410.05 | 1.83 | 2.38  |
| 1998/02/19 21:00:00 | 408.83 | 5.99  | 419.01 | 2.56 | 3.09  |
| 1998/02/19 22:00:00 | 222.46 | 8.84  | 215.91 | 4.3  | 1.2   |
| 1998/02/19 23:00:00 | 275.45 | 6.53  | 280.19 | 3    | 0.59  |
| 1998/02/20 00:00:00 | 228.31 | 6.95  | 234.66 | 2.47 | -0.08 |
| 1998/02/20 01:00:00 | 269.08 | 5.65  | 291.41 | 2.09 | 1.07  |
| 1998/02/20 02:00:00 | 302.99 | 6.43  | 340.17 | 1.75 | 1.62  |
| 1998/02/20 03:00:00 | 333.25 | 8.52  | 345.56 | 3.41 | 0.79  |
| 1998/02/20 04:00:00 | 341.57 | 6.78  | 330.28 | 2.24 | 0.36  |
| 1998/02/20 05:00:00 | 337.37 | 6.5   | 369.18 | 1.45 | 0.78  |
| 1998/02/20 06:00:00 | 346.36 | 3.47  | 192.77 | 0.9  | 1.25  |
| 1998/02/20 07:00:00 | 248.02 | 4.69  | 315.1  | 0.85 | 1.57  |
| 1998/02/20 08:00:00 | 293.74 | 5.79  | 336.53 | 0.94 | 0.65  |
| 1998/02/20 09:00:00 | 315.45 | 4.61  | 320.3  | 2.52 | -0.98 |
| 1998/02/20 10:00:00 | 281.48 | 3.67  | 285.85 | 2.7  | -0.78 |
| 1998/02/20 11:00:00 | 299.35 | 4.74  | 296.72 | 3.37 | -1.83 |
| 1998/02/20 12:00:00 | 295.13 | 5.11  | 311.62 | 3.64 | -1.87 |
| 1998/02/20 13:00:00 | 285.64 | 6.19  | 297.64 | 4.23 | -2.09 |
| 1998/02/20 14:00:00 | 300.69 | 6.84  | 298.79 | 4.81 | -2.11 |
| 1998/02/20 15:00:00 | 245.08 | 5.48  | 235.03 | 4.47 | -1.54 |
| 1998/02/20 16:00:00 | 272.2  | 4.55  | 275.34 | 3.52 | -1.59 |
| 1998/02/20 17:00:00 | 256.11 | 3.58  | 252.41 | 2.28 | -1.46 |
| 1998/02/20 18:00:00 | 267.95 | 2.16  | 309.79 | 1.18 | -0.86 |
| 1998/02/20 19:00:00 | 195.64 | 2.19  | 194.07 | 1.2  | 1.81  |
| 1998/02/20 20:00:00 | 116.52 | 2.39  | 55.27  | 2.35 | 3.65  |
| 1998/02/20 21:00:00 | 80.77  | 6.61  | 79.7   | 1.96 | 4.08  |
| 1998/02/20 22:00:00 | 100.87 | 8.42  | 98.45  | 1.54 | 5.79  |
| 1998/02/20 23:00:00 | 135.07 | 7.04  | 111.7  | 1.57 | 5.25  |
| 1998/02/21 00:00:00 | 140.82 | 5.95  | 75.83  | 1.21 | 6.35  |
| 1998/02/21 01:00:00 | 150.02 | 6.99  | 66.33  | 2.32 | 8.92  |
| 1998/02/21 02:00:00 | 140.56 | 5.74  | 74.19  | 1.58 | 10.47 |
| 1998/02/21 03:00:00 | 125.66 | 6.8   | 75.95  | 2.36 | 8.44  |
| 1998/02/21 04:00:00 | 121.08 | 12.95 | 93     | 4.44 | 7.58  |
| 1998/02/21 05:00:00 | 121.08 | 12.95 | 93     | 4.44 | 7.58  |
| 1998/02/21 06:00:00 | 115.05 | 12.7  | 92.8   | 4.45 | 6.89  |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/02/21 07:00:00 | 113.94 | 13.15 | 92.61  | 4.54  | 8.16  |
| 1998/02/21 08:00:00 | 111.36 | 12.38 | 91.33  | 3.74  | 6.25  |
| 1998/02/21 09:00:00 | 101.63 | 9.09  | 234.36 | 2.66  | -0.42 |
| 1998/02/21 10:00:00 | 108.37 | 9.48  | 153.56 | 4.65  | -1.69 |
| 1998/02/21 11:00:00 | 175.35 | 6.87  | 204.93 | 4.51  | -1.84 |
| 1998/02/21 12:00:00 | 178.86 | 8.54  | 148.91 | 5.53  | -1.94 |
| 1998/02/21 13:00:00 | 180.64 | 7.67  | 198.05 | 5.25  | -2.04 |
| 1998/02/21 14:00:00 | 139.82 | 7.52  | 248.59 | 5.15  | -1.95 |
| 1998/02/21 15:00:00 | 191.7  | 9.15  | 145.82 | 5.96  | -1.89 |
| 1998/02/21 16:00:00 | 175.45 | 8.51  | 170.7  | 5.38  | -1.71 |
| 1998/02/21 17:00:00 | 364.2  | 8.7   | 162.76 | 4.55  | -1.57 |
| 1998/02/21 18:00:00 | 460.99 | 7.35  | 265.13 | 2.78  | -0.58 |
| 1998/02/21 19:00:00 | 442.61 | 7.63  | 414.92 | 2.04  | 1.37  |
| 1998/02/21 20:00:00 | 442.05 | 10.47 | 425.75 | 3.32  | 0.92  |
| 1998/02/21 21:00:00 | 439.18 | 13.43 | 404.09 | 5.93  | -0.24 |
| 1998/02/21 22:00:00 | 466.74 | 8.35  | 162.05 | 2.17  | 0     |
| 1998/02/21 23:00:00 | 466.17 | 7.7   | 320.81 | 2.12  | 0.21  |
| 1998/02/22 00:00:00 | 444.64 | 9.07  | 398.28 | 3.48  | -0.23 |
| 1998/02/22 01:00:00 | 94.75  | 9.01  | 393.8  | 3.78  | -0.42 |
| 1998/02/22 02:00:00 | 78.84  | 10.57 | 393.72 | 4.57  | -0.65 |
| 1998/02/22 03:00:00 | 312.33 | 10    | 364.38 | 4.75  | -0.63 |
| 1998/02/22 04:00:00 | 429.44 | 8.18  | 404.16 | 3.46  | -0.59 |
| 1998/02/22 05:00:00 | 421.59 | 10    | 407.61 | 3.92  | 0.19  |
| 1998/02/22 06:00:00 | 423.26 | 13.12 | 412.7  | 6.68  | -0.56 |
| 1998/02/22 07:00:00 | 413.98 | 14.11 | 406.91 | 8.13  | -0.73 |
| 1998/02/22 08:00:00 | 325.39 | 8.82  | 367.84 | 4.62  | -0.37 |
| 1998/02/22 09:00:00 | 321.86 | 3.53  | 300.73 | 1.74  | -0.51 |
| 1998/02/22 10:00:00 | 328.85 | 10.95 | 334.9  | 5.97  | -0.44 |
| 1998/02/22 11:00:00 | 337.1  | 9.98  | 344.56 | 6.01  | -0.02 |
| 1998/02/22 12:00:00 | 336.14 | 9.13  | 343.99 | 5.11  | 0     |
| 1998/02/22 13:00:00 | 320.57 | 11.79 | 328.59 | 6.34  | -0.04 |
| 1998/02/22 14:00:00 | 316.37 | 13.18 | 323.52 | 6.96  | -0.24 |
| 1998/02/22 15:00:00 | 314.26 | 13.22 | 324.7  | 6.7   | -0.16 |
| 1998/02/22 16:00:00 | 304.03 | 12.72 | 310.55 | 5.94  | -0.45 |
| 1998/02/22 17:00:00 | 293.91 | 10.51 | 293.81 | 4.52  | -0.62 |
| 1998/02/22 18:00:00 | 279.38 | 10.29 | 280.7  | 4.32  | 0.04  |
| 1998/02/22 19:00:00 | 288.93 | 10.05 | 293.99 | 3.98  | 0.55  |
| 1998/02/22 20:00:00 | 287.72 | 11.49 | 292.63 | 5     | 0.59  |
| 1998/02/22 21:00:00 | 296.24 | 12.69 | 304.04 | 6.09  | 0.68  |
| 1998/02/22 22:00:00 | 295.31 | 11.5  | 300.63 | 5.06  | 0.15  |
| 1998/02/22 23:00:00 | 296.69 | 11.23 | 301.6  | 4.86  | -0.42 |
| 1998/02/23 00:00:00 | 288.99 | 9.5   | 289.03 | 4.05  | -0.64 |
| 1998/02/23 01:00:00 | 297.87 | 9.26  | 302.49 | 4.23  | -0.51 |
| 1998/02/23 02:00:00 | 300.07 | 8.69  | 302.09 | 3.5   | -0.5  |
| 1998/02/23 03:00:00 | 275.44 | 8.1   | 272.18 | 2.65  | -0.49 |
| 1998/02/23 04:00:00 | 278.91 | 6.47  | 271.1  | 2.15  | -0.4  |
| 1998/02/23 05:00:00 | 287.27 | 5.89  | 275.12 | 1.87  | -0.2  |
| 1998/02/23 06:00:00 | 270.79 | 5.76  | 265.54 | 1.53  | -0.18 |
| 1998/02/23 07:00:00 | 267.17 | 5.76  | 252.98 | 2.1   | -0.13 |
| 1998/02/23 08:00:00 | 274.63 | 4.41  | 270.24 | 1.41  | -0.08 |
| 1998/02/23 09:00:00 | 300.15 | 5.36  | 307.12 | 3.28  | -1.74 |
| 1998/02/23 10:00:00 | 317.55 | 7.54  | 326.91 | 4.96  | -1.76 |
| 1998/02/23 11:00:00 | 316.83 | 7.81  | 329.4  | 5.55  | -1.88 |
| 1998/02/23 12:00:00 | 322.5  | 8.04  | 330.39 | 5.98  | -2.05 |
| 1998/02/23 13:00:00 | 293.92 | 7.34  | 299.91 | 16.61 | -2.34 |
| 1998/02/23 14:00:00 | 236.66 | 11.94 | 289.9  | 4.14  | -2.12 |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/02/23 15:00:00 | 271.82 | 8.55  | 261.25 | 4.9   | -2.35 |
| 1998/02/23 16:00:00 | 284.38 | 7.95  | 292.71 | 4.31  | -2.21 |
| 1998/02/23 17:00:00 | 268.9  | 7.04  | 272.52 | 3.04  | -1.69 |
| 1998/02/23 18:00:00 | 278.36 | 4.88  | 293.54 | 1.71  | -1.01 |
| 1998/02/23 19:00:00 | 341.22 | 3.99  | 414.58 | 1.49  | 2.4   |
| 1998/02/23 20:00:00 | 412.16 | 3.95  | 433.13 | 1.7   | 3.98  |
| 1998/02/23 21:00:00 | 470.87 | 3.68  | 433.83 | 1.83  | 5.34  |
| 1998/02/23 22:00:00 | 496.79 | 3.81  | 432.81 | 1.68  | 6.63  |
| 1998/02/23 23:00:00 | 512.97 | 5.52  | 340.8  | 1.26  | 7.55  |
| 1998/02/24 00:00:00 | 334.37 | 4.87  | 58.25  | 2.08  | 5.73  |
| 1998/02/24 01:00:00 | 184.08 | 5.12  | 75.26  | 1.69  | 6.92  |
| 1998/02/24 02:00:00 | 181.05 | 5.59  | 73.21  | 2.01  | 7.89  |
| 1998/02/24 03:00:00 | 181.96 | 5.7   | 72.44  | 1.98  | 8.31  |
| 1998/02/24 04:00:00 | 183.86 | 7.74  | 79.06  | 1.98  | 7.43  |
| 1998/02/24 05:00:00 | 181.99 | 5.84  | 82.39  | 1.75  | 5.64  |
| 1998/02/24 06:00:00 | 181.96 | 6.47  | 75.49  | 1.7   | 7.2   |
| 1998/02/24 07:00:00 | 152    | 5.54  | 75.59  | 2.17  | 7.3   |
| 1998/02/24 08:00:00 | 155.34 | 6.05  | 88.21  | 1.39  | 7.34  |
| 1998/02/24 09:00:00 | 160.73 | 4.5   | 124.05 | 1.27  | 0.96  |
| 1998/02/24 10:00:00 | 204.99 | 2.55  | 213.51 | 1.99  | -1.42 |
| 1998/02/24 11:00:00 | 239.94 | 3.78  | 252.5  | 3.06  | -1.57 |
| 1998/02/24 12:00:00 | 265.51 | 4.09  | 271.7  | 3.26  | -1.63 |
| 1998/02/24 13:00:00 | 289.64 | 5.12  | 299.46 | 3.91  | -1.72 |
| 1998/02/24 14:00:00 | 284.58 | 5.94  | 307.05 | 4.86  | -1.83 |
| 1998/02/24 15:00:00 | 266.79 | 6.81  | 270.73 | 4.26  | -2.06 |
| 1998/02/24 16:00:00 | 251.98 | 6.68  | 258.81 | 4.5   | -2.08 |
| 1998/02/24 17:00:00 | 233.63 | 7.59  | 237.68 | 5.3   | -1.73 |
| 1998/02/24 18:00:00 | 228.13 | 5.85  | 262.18 | 2.7   | -0.94 |
| 1998/02/24 19:00:00 | 216.47 | 3.56  | 421.05 | 1.26  | 1.67  |
| 1998/02/24 20:00:00 | 176.81 | 6.24  | 406.84 | 1.77  | 3.16  |
| 1998/02/24 21:00:00 | 163.86 | 8.56  | 124.44 | 1.96  | 2.41  |
| 1998/02/24 22:00:00 | 146.81 | 9.63  | 115.5  | 2.3   | 2.56  |
| 1998/02/24 23:00:00 | 133.41 | 10.48 | 120.3  | 3.26  | 2.25  |
| 1998/02/25 00:00:00 | 135.56 | 11.78 | 164.81 | 3.62  | 1.39  |
| 1998/02/25 01:00:00 | 158.9  | 10.01 | 160.7  | 4.43  | 0.52  |
| 1998/02/25 02:00:00 | 161.24 | 8.95  | 159.78 | 3.85  | 0.11  |
| 1998/02/25 03:00:00 | 136.4  | 9.42  | 136.71 | 3.24  | 0.34  |
| 1998/02/25 04:00:00 | 110.69 | 10.68 | 231.62 | 3.21  | 0.31  |
| 1998/02/25 05:00:00 | 119.74 | 10.99 | 258.13 | 2.99  | 0.62  |
| 1998/02/25 06:00:00 | 118.55 | 13.55 | 202.04 | 3.52  | 0.69  |
| 1998/02/25 07:00:00 | 115.62 | 12.18 | 227.12 | 2.42  | 0.44  |
| 1998/02/25 08:00:00 | 128.89 | 7.99  | 331.96 | 1.87  | -0.27 |
| 1998/02/25 09:00:00 | 313.3  | 5.15  | 166.32 | 2.61  | -1.96 |
| 1998/02/25 10:00:00 | 170.33 | 6.51  | 195.77 | 4.58  | -1.87 |
| 1998/02/25 11:00:00 | 151.13 | 11.51 | 168.87 | 8.3   | -1.55 |
| 1998/02/25 12:00:00 | 164.15 | 12.51 | 182.73 | 8.88  | -1.49 |
| 1998/02/25 13:00:00 | 146.7  | 13.79 | 162.73 | 9.23  | -3.44 |
| 1998/02/25 14:00:00 | 141.72 | 16.4  | 162.44 | 10.83 | -1.75 |
| 1998/02/25 15:00:00 | 128.52 | 16.49 | 150.74 | 8.72  | -1.62 |
| 1998/02/25 16:00:00 | 132.68 | 16.07 | 160.55 | 9.29  | -1.35 |
| 1998/02/25 17:00:00 | 133.55 | 16.61 | 155.77 | 9.21  | -0.84 |
| 1998/02/25 18:00:00 | 131.04 | 15.18 | 150.82 | 7.66  | -0.58 |
| 1998/02/25 19:00:00 | 125.31 | 14.39 | 148.48 | 6.71  | -0.39 |
| 1998/02/25 20:00:00 | 122.78 | 13.03 | 173.41 | 5.26  | -0.26 |
| 1998/02/25 21:00:00 | 123.5  | 13.79 | 149.21 | 6.76  | -0.59 |
| 1998/02/25 22:00:00 | 122.58 | 12.12 | 154.29 | 5.38  | -0.64 |



## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/02/25 23:00:00 | 125.8  | 13.78 | 148.72 | 7.07 | -0.59 |
| 1998/02/26 00:00:00 | 122.29 | 14.13 | 148.92 | 6.92 | -0.64 |
| 1998/02/26 01:00:00 | 112.97 | 11.56 | 189.15 | 4.65 | -0.29 |
| 1998/02/26 02:00:00 | 107.6  | 11.56 | 207.33 | 4.09 | -0.2  |
| 1998/02/26 03:00:00 | 108.9  | 12.03 | 202.65 | 4.48 | -0.09 |
| 1998/02/26 04:00:00 | 112    | 11.68 | 188.42 | 3.73 | -0.07 |
| 1998/02/26 05:00:00 | 118.32 | 7.04  | 196.49 | 2.26 | -0.23 |
| 1998/02/26 06:00:00 | 93.62  | 10.35 | 327.87 | 4.23 | -0.37 |
| 1998/02/26 07:00:00 | 88.27  | 12.32 | 324.35 | 4.75 | -0.26 |
| 1998/02/26 08:00:00 | 89.14  | 14.95 | 385.46 | 6.68 | -0.2  |
| 1998/02/26 09:00:00 | 388.3  | 16.92 | 282.65 | 7.62 | -0.17 |
| 1998/02/26 10:00:00 | 306.93 | 16.77 | 228.58 | 6.91 | 1.28  |
| 1998/02/26 11:00:00 | 185.93 | 23.22 | 228.32 | 9.32 | 1.35  |
| 1998/02/26 12:00:00 | 367.97 | 14.32 | 293.93 | 8.25 | 1.53  |
| 1998/02/26 13:00:00 | 257.92 | 7.32  | 192.79 | 3.59 | 3.11  |
| 1998/02/26 14:00:00 | 144.65 | 2.18  | 183.84 | 3.51 | 1.94  |
| 1998/02/26 15:00:00 | 128.35 | NaN   | 136.03 | 4.52 | -0.77 |
| 1998/02/26 16:00:00 | 175.38 | NaN   | 179.83 | 5.16 | -1.5  |
| 1998/02/26 17:00:00 | 226.86 | 9.94  | 232.56 | 7.14 | -0.84 |
| 1998/02/26 18:00:00 | 203.82 | NaN   | 170.95 | 4.87 | -0.96 |
| 1998/02/26 19:00:00 | 175.16 | 6.64  | 171.51 | 3.16 | 1.06  |
| 1998/02/26 20:00:00 | 152.04 | 9.19  | 146.17 | 3.35 | 1.46  |
| 1998/02/26 21:00:00 | 152.02 | 10.63 | 152.23 | 4.53 | 1.25  |
| 1998/02/26 22:00:00 | 169.58 | 10.98 | 173.09 | 5.06 | 1.01  |
| 1998/02/26 23:00:00 | 194.06 | 10.05 | 204.02 | 4.77 | 0.76  |
| 1998/02/27 00:00:00 | 230.03 | 11.39 | 234.74 | 4.62 | 1.13  |
| 1998/02/27 01:00:00 | 228.11 | 10.42 | 229.22 | 4.12 | 1.43  |
| 1998/02/27 02:00:00 | 221.52 | 9.47  | 219.09 | 3.09 | 2.2   |
| 1998/02/27 03:00:00 | 210.95 | 9.23  | 234.45 | 1.1  | 3.11  |
| 1998/02/27 04:00:00 | 219.69 | 8.18  | 269.97 | 1.2  | 2.51  |
| 1998/02/27 05:00:00 | 220.41 | 6.14  | 380.26 | 1.05 | 2.62  |
| 1998/02/27 06:00:00 | 205.43 | 8.25  | 240.76 | 2.02 | 2.51  |
| 1998/02/27 07:00:00 | 201.07 | 9.68  | 199.98 | 2.6  | 1.8   |
| 1998/02/27 08:00:00 | 213.77 | 7.1   | 208.45 | 2.37 | 0.34  |
| 1998/02/27 09:00:00 | 226.38 | 6.09  | 226.03 | 3.89 | -1.16 |
| 1998/02/27 10:00:00 | 247.04 | 6.38  | 241.91 | 4.3  | -1.99 |
| 1998/02/27 11:00:00 | 260.12 | 5.99  | 263.1  | 3.96 | -2.11 |
| 1998/02/27 12:00:00 | 223.43 | 6.31  | 227.29 | 5.1  | -1.82 |
| 1998/02/27 13:00:00 | 239.37 | 7.58  | 243.9  | 5.24 | -2.01 |
| 1998/02/27 14:00:00 | 222.52 | 7.11  | 230.07 | 4.7  | -1.53 |
| 1998/02/27 15:00:00 | 204.38 | 5.84  | 217.05 | 3.85 | -1.07 |
| 1998/02/27 16:00:00 | 211.52 | 3.51  | 217.31 | 2.65 | -0.91 |
| 1998/02/27 17:00:00 | 439.42 | 3.01  | 295.41 | 1.53 | -0.86 |
| 1998/02/27 18:00:00 | 477.31 | 4.76  | 253.53 | 1.39 | -0.31 |
| 1998/02/27 19:00:00 | 165.44 | 2.68  | 333.48 | 1.54 | 1.7   |
| 1998/02/27 20:00:00 | 155.92 | 6.4   | 193.12 | 2.1  | 1.19  |
| 1998/02/27 21:00:00 | 158.76 | 10.36 | 160.65 | 4.56 | 0.63  |
| 1998/02/27 22:00:00 | 164.08 | 8.34  | 170.04 | 3.33 | 0.16  |
| 1998/02/27 23:00:00 | 150.84 | 9.43  | 157.5  | 3.59 | 0.61  |
| 1998/02/28 00:00:00 | 159.84 | 9.86  | 160.42 | 4.47 | 0.64  |
| 1998/02/28 01:00:00 | 157.66 | 10.48 | 160.35 | 4.69 | 1.04  |
| 1998/02/28 02:00:00 | 161.66 | 10.9  | 158.3  | 4.52 | 1.03  |
| 1998/02/28 03:00:00 | 171.22 | 9.72  | 158.94 | 3.94 | 1.25  |
| 1998/02/28 04:00:00 | 159.6  | 11.48 | 151.8  | 4.37 | 1.55  |
| 1998/02/28 05:00:00 | 167.1  | 9.01  | 135.9  | 3    | 2.07  |
| 1998/02/28 06:00:00 | 172.52 | 8.01  | 114.11 | 1.68 | 3.75  |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/02/28 07:00:00 | 184.04 | 7.85  | 143.79 | 1.63 | 4.34  |
| 1998/02/28 08:00:00 | 216.78 | 9.58  | 212.61 | 2.48 | 1.83  |
| 1998/02/28 09:00:00 | 236.45 | 10.23 | 242.46 | 5.24 | -2.13 |
| 1998/02/28 10:00:00 | 254.75 | 7.99  | 259.02 | 4.21 | -2.7  |
| 1998/02/28 11:00:00 | 245.66 | 6.81  | 243.11 | 4.71 | -2.5  |
| 1998/02/28 12:00:00 | 267.82 | 6.91  | 277.48 | 4.19 | -3.03 |
| 1998/02/28 13:00:00 | 278.74 | 8.13  | 281.44 | 4.59 | -2.76 |
| 1998/02/28 14:00:00 | 269.67 | 10.3  | 273.6  | 4.27 | -2.02 |
| 1998/02/28 15:00:00 | 268.61 | 11.83 | 272.23 | 4.45 | -1.6  |
| 1998/02/28 16:00:00 | 263.11 | 14.05 | 263.25 | 5.34 | -1.26 |
| 1998/02/28 17:00:00 | 216.3  | 6.38  | 217.25 | 3.65 | -0.88 |
| 1998/02/28 18:00:00 | 177.67 | 8.49  | 185.75 | 5.22 | -0.55 |
| 1998/02/28 19:00:00 | 193.36 | 5.19  | 200.78 | 1.93 | -0.18 |
| 1998/02/28 20:00:00 | 234.15 | 6.01  | 320.93 | 0.9  | 1.17  |
| 1998/02/28 21:00:00 | 246.45 | 7.77  | 279.42 | 0.59 | 1.87  |
| 1998/02/28 22:00:00 | 244.05 | 7.3   | 251.85 | 0.8  | 2.18  |
| 1998/02/28 23:00:00 | 257.15 | 8.6   | 310.7  | 0.99 | 2.9   |
| 1998/03/01 00:00:00 | 274.53 | 8.04  | 301.31 | 1.73 | 1.12  |
| 1998/03/01 01:00:00 | 294.53 | 9.55  | 305.92 | 3.73 | 0.28  |
| 1998/03/01 02:00:00 | 296.18 | 7.02  | 309.96 | 1.49 | 0.37  |
| 1998/03/01 03:00:00 | 296.81 | 5.81  | 329.45 | 1.17 | 0.55  |
| 1998/03/01 04:00:00 | 311.36 | 6.87  | 332.91 | 2    | 0.25  |
| 1998/03/01 05:00:00 | 338.63 | 6.75  | 360.51 | 2.32 | 0.39  |
| 1998/03/01 06:00:00 | 327.04 | 3.26  | 428.89 | 1.11 | 2.5   |
| 1998/03/01 07:00:00 | 269.94 | 3     | 395.72 | 1.08 | 2.87  |
| 1998/03/01 08:00:00 | 248.49 | 3.96  | 215.01 | 1.49 | 1.05  |
| 1998/03/01 09:00:00 | 262.19 | 3.78  | 248.04 | 2.77 | -1.79 |
| 1998/03/01 10:00:00 | 262.18 | 4.8   | 258.61 | 3.54 | -2.25 |
| 1998/03/01 11:00:00 | 263.85 | 6.31  | 265.79 | 4.3  | -2.76 |
| 1998/03/01 12:00:00 | 254.26 | 9.08  | 252.13 | 5.09 | -3.29 |
| 1998/03/01 13:00:00 | 237.24 | 9.4   | 239.9  | 6.56 | -3.05 |
| 1998/03/01 14:00:00 | 219.12 | 11.15 | 226.63 | 7.94 | -3.18 |
| 1998/03/01 15:00:00 | 224.24 | 10.77 | 228.36 | 7.94 | -2.51 |
| 1998/03/01 16:00:00 | 230.51 | 11.93 | 235.9  | 7.64 | -1.83 |
| 1998/03/01 17:00:00 | 254.62 | 16.04 | 255.51 | 6.28 | -1.28 |
| 1998/03/01 18:00:00 | 255.44 | 14.42 | 253.42 | 5.51 | -0.47 |
| 1998/03/01 19:00:00 | 259.78 | 12.52 | 257.29 | 3.68 | 0.36  |
| 1998/03/01 20:00:00 | 252.9  | 9.76  | 264.24 | 1.86 | 1.15  |
| 1998/03/01 21:00:00 | 267.18 | 9.67  | 267.27 | 2.17 | 0.92  |
| 1998/03/01 22:00:00 | 292.99 | 9.54  | 302.62 | 3.25 | 0.37  |
| 1998/03/01 23:00:00 | 290.64 | 7.46  | 291.72 | 2.18 | 0.33  |
| 1998/03/02 00:00:00 | 276.16 | 7.29  | 271.75 | 1.58 | 0.49  |
| 1998/03/02 01:00:00 | 287.22 | 9.08  | 296.31 | 3.53 | 0.34  |
| 1998/03/02 02:00:00 | 302.27 | 4.83  | 329.8  | 1.27 | -0.03 |
| 1998/03/02 03:00:00 | 249.45 | 3.12  | 435.3  | 0.74 | 1.93  |
| 1998/03/02 04:00:00 | 223.21 | 3.82  | 383.14 | 0.75 | 1.93  |
| 1998/03/02 05:00:00 | 195.63 | 5.46  | 442.26 | 0.98 | 3.39  |
| 1998/03/02 06:00:00 | 210.51 | 5.06  | 344.38 | 1.31 | 3.04  |
| 1998/03/02 07:00:00 | 209.29 | 5.23  | 99.8   | 1.1  | 3.31  |
| 1998/03/02 08:00:00 | 221.3  | 4.78  | 172.09 | 1.2  | 0.92  |
| 1998/03/02 09:00:00 | 255.23 | 3.54  | 244.28 | 2.36 | -1.74 |
| 1998/03/02 10:00:00 | 255.99 | 5.93  | 250.91 | 3.96 | -2.42 |
| 1998/03/02 11:00:00 | 261.07 | 9.94  | 262.09 | 5.15 | -3.16 |
| 1998/03/02 12:00:00 | 263.51 | 10.29 | 265.65 | 6.05 | -3.3  |
| 1998/03/02 13:00:00 | 251.28 | 15.81 | 250.87 | 8.27 | -3.49 |
| 1998/03/02 14:00:00 | 251.28 | 15.81 | 250.87 | 8.27 | -3.49 |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/03/02 15:00:00 | 257.7  | 17.05 | 256.16 | 7.18  | -3.32 |
| 1998/03/02 16:00:00 | 268.1  | 15.04 | 273.47 | 6.25  | -2.16 |
| 1998/03/02 17:00:00 | 264.24 | 19.66 | 260.29 | 7.11  | -1.39 |
| 1998/03/02 18:00:00 | 276.74 | 15.1  | 279.98 | 6.15  | -0.79 |
| 1998/03/02 19:00:00 | 283.79 | 12.54 | 291.31 | 5.11  | -0.1  |
| 1998/03/02 20:00:00 | 289.59 | 10.4  | 289.17 | 3.92  | 0.09  |
| 1998/03/02 21:00:00 | 291.18 | 10.69 | 293.59 | 4.2   | -0.01 |
| 1998/03/02 22:00:00 | 320.92 | 13.01 | 327.08 | 7.02  | -0.43 |
| 1998/03/02 23:00:00 | 320.92 | 13.01 | 327.08 | 7.02  | -0.43 |
| 1998/03/03 00:00:00 | 357.5  | 9.89  | 360.03 | 5.78  | -0.55 |
| 1998/03/03 01:00:00 | 347.6  | 8.42  | 350.46 | 4.83  | -0.38 |
| 1998/03/03 02:00:00 | 349.13 | 7.13  | 356.84 | 3.49  | -0.42 |
| 1998/03/03 03:00:00 | 333.1  | 7.18  | 354.65 | 3.11  | -0.24 |
| 1998/03/03 04:00:00 | 332.56 | 7.61  | 351.01 | 3.82  | -0.34 |
| 1998/03/03 05:00:00 | 318.48 | 7.43  | 342.01 | 3.75  | -0.34 |
| 1998/03/03 06:00:00 | 324.5  | 7.72  | 351.49 | 3.68  | -0.37 |
| 1998/03/03 07:00:00 | 292.74 | 7.36  | 328.84 | 2.86  | -0.02 |
| 1998/03/03 08:00:00 | 280.98 | 8.6   | 320.52 | 4.58  | -1.3  |
| 1998/03/03 09:00:00 | 286.19 | 7.66  | 320.49 | 4.9   | -2.25 |
| 1998/03/03 10:00:00 | 278.81 | 5.82  | 293.21 | NaN   | -2.48 |
| 1998/03/03 11:00:00 | 229.24 | 6.01  | 264.41 | NaN   | -2.53 |
| 1998/03/03 12:00:00 | 261.24 | 6.44  | 269.17 | NaN   | -2.78 |
| 1998/03/03 13:00:00 | 259.73 | 6.71  | 264.78 | NaN   | -3.06 |
| 1998/03/03 14:00:00 | 234.67 | 5.41  | 239.41 | NaN   | -2.6  |
| 1998/03/03 15:00:00 | 238.89 | 5.24  | 264.73 | NaN   | -2.3  |
| 1998/03/03 16:00:00 | 208.44 | 6.75  | 214.33 | 5.98  | -1.81 |
| 1998/03/03 17:00:00 | 213.97 | 6.88  | 225.84 | 5.58  | -1.17 |
| 1998/03/03 18:00:00 | 226.36 | 4.88  | 223.01 | 3.76  | -0.82 |
| 1998/03/03 19:00:00 | 171.24 | 3.8   | 372.33 | 1.98  | 1.39  |
| 1998/03/03 20:00:00 | 166.25 | 5.59  | 440.37 | 2.02  | 2.88  |
| 1998/03/03 21:00:00 | 139.02 | 7.2   | 294.77 | 2.18  | 2.4   |
| 1998/03/03 22:00:00 | 103.07 | 7.93  | 377.72 | 3.29  | 1.65  |
| 1998/03/03 23:00:00 | 104.98 | 9.36  | 96.31  | 3.42  | 3.26  |
| 1998/03/04 00:00:00 | 100.03 | 10.74 | 85.38  | 3.53  | 5.2   |
| 1998/03/04 01:00:00 | 120.83 | 8.54  | 151.86 | 2.96  | 2.35  |
| 1998/03/04 02:00:00 | 94     | 8.3   | 113.31 | 3.37  | 1.15  |
| 1998/03/04 03:00:00 | 144.81 | 8.23  | 128.07 | 3.65  | 1.47  |
| 1998/03/04 04:00:00 | 115.46 | 10.69 | 148.72 | 5.73  | 0.26  |
| 1998/03/04 05:00:00 | 101.35 | 8.04  | 145.97 | 4.32  | -0.17 |
| 1998/03/04 06:00:00 | 102.26 | 7.71  | 122.17 | 3.57  | -0.08 |
| 1998/03/04 07:00:00 | 101.61 | 7.41  | 182.41 | 3.1   | 0.42  |
| 1998/03/04 08:00:00 | 89.59  | 7.91  | 159.92 | 3.11  | 0.22  |
| 1998/03/04 09:00:00 | 88.96  | 6.65  | 135.27 | 3.85  | -1.07 |
| 1998/03/04 10:00:00 | 136.66 | 7.13  | 201.7  | 3.7   | -0.38 |
| 1998/03/04 11:00:00 | 164.95 | 9.12  | 150.83 | 6.35  | -1.96 |
| 1998/03/04 12:00:00 | 150.16 | 8.34  | 156.38 | 6.96  | -1.8  |
| 1998/03/04 13:00:00 | 153.06 | 12.19 | 165.09 | 10.1  | -2.34 |
| 1998/03/04 14:00:00 | 161.01 | 12.61 | 171.32 | 10.17 | -1.9  |
| 1998/03/04 15:00:00 | 171.47 | 13.15 | 177.17 | 9.83  | -1.43 |
| 1998/03/04 16:00:00 | 169.45 | 11.69 | 176.98 | 8.94  | -1.09 |
| 1998/03/04 17:00:00 | 162.16 | 8.56  | 173.75 | 6.26  | -0.83 |
| 1998/03/04 18:00:00 | 188.25 | 7.71  | 190.39 | 4.63  | -0.2  |
| 1998/03/04 19:00:00 | 165.62 | 13.26 | 172.32 | 8.7   | -0.37 |
| 1998/03/04 20:00:00 | 170.03 | 11.91 | 175.95 | 8.25  | -0.48 |
| 1998/03/04 21:00:00 | 163.26 | 10.97 | 170.11 | 7.39  | -0.5  |
| 1998/03/04 22:00:00 | 142.7  | 10.59 | 156.25 | 7.22  | -0.59 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/03/04 23:00:00 | 136.9  | 9.7   | 154.3  | 6.79 | -0.65 |
| 1998/03/05 00:00:00 | 137.92 | 11.03 | 155.99 | 8    | -0.7  |
| 1998/03/05 01:00:00 | 148.46 | 11.74 | 158.01 | 8.21 | -0.52 |
| 1998/03/05 02:00:00 | 141.53 | 13.21 | 152.31 | 8.89 | -0.59 |
| 1998/03/05 03:00:00 | 145.86 | 11.48 | 154.35 | 7.79 | -0.53 |
| 1998/03/05 04:00:00 | 151.85 | 12.64 | 158.69 | 8.42 | -0.46 |
| 1998/03/05 05:00:00 | 155.75 | 13.11 | 160.02 | 8.91 | -0.56 |
| 1998/03/05 06:00:00 | 157.96 | 11.75 | 165.05 | 8.01 | -0.4  |
| 1998/03/05 07:00:00 | 164.26 | 11.1  | 168.05 | 7.46 | -0.38 |
| 1998/03/05 08:00:00 | 163.69 | 10.87 | 168.39 | 7.31 | -0.69 |
| 1998/03/05 09:00:00 | 177.38 | 8.37  | 183.16 | 6.94 | -1.12 |
| 1998/03/05 10:00:00 | 181.23 | 7.81  | 184.31 | 6.41 | -1.35 |
| 1998/03/05 11:00:00 | 216.43 | 8.99  | 223.49 | 6.17 | -1.57 |
| 1998/03/05 12:00:00 | 235.82 | 6.79  | 239.81 | 4.61 | -2.17 |
| 1998/03/05 13:00:00 | 223.59 | 9.52  | 227.51 | 6.86 | -2.04 |
| 1998/03/05 14:00:00 | 226.9  | 8.9   | 228.41 | 6.61 | -2.68 |
| 1998/03/05 15:00:00 | 245.59 | 5.57  | 230.9  | 4.61 | -2.27 |
| 1998/03/05 16:00:00 | 233.25 | 5.84  | 229.63 | 4.69 | -1.69 |
| 1998/03/05 17:00:00 | 228.53 | 5.99  | 227.25 | 5.07 | -1.15 |
| 1998/03/05 18:00:00 | 199.36 | 4.45  | 184.04 | 2.88 | -0.77 |
| 1998/03/05 19:00:00 | 70.56  | 9.15  | 342.66 | 5.4  | -0.55 |
| 1998/03/05 20:00:00 | 77.92  | 11.22 | 432.68 | 6.33 | -0.43 |
| 1998/03/05 21:00:00 | 85.79  | 11.3  | 400.47 | 6.07 | -0.39 |
| 1998/03/05 22:00:00 | 87.19  | 10.49 | 305.62 | 5.58 | -0.46 |
| 1998/03/05 23:00:00 | 135.61 | 8.67  | 310.26 | 4.94 | 0.48  |
| 1998/03/06 00:00:00 | 133.66 | 15.09 | 141.92 | 8.23 | 1.94  |
| 1998/03/06 01:00:00 | 146.79 | 10.45 | 158.63 | 6.2  | 1.39  |
| 1998/03/06 02:00:00 | 159.45 | 11.24 | 175.35 | 6.51 | 0.69  |
| 1998/03/06 03:00:00 | 154.71 | 10.39 | 161.22 | 5.77 | 0.5   |
| 1998/03/06 04:00:00 | 269.93 | 5.34  | 313.81 | 3.51 | 0.79  |
| 1998/03/06 05:00:00 | 140.36 | 3.96  | 437.46 | 2.93 | 1.27  |
| 1998/03/06 06:00:00 | 133.75 | 5.48  | 303.52 | 2.69 | 1.5   |
| 1998/03/06 07:00:00 | 134.03 | 7.36  | 125.62 | 3.74 | 2.04  |
| 1998/03/06 08:00:00 | 142.78 | 7.24  | 134.4  | 3.81 | 3.65  |
| 1998/03/06 09:00:00 | 116.51 | 6.43  | 117.84 | 3.09 | 2.8   |
| 1998/03/06 10:00:00 | 148.77 | 5.63  | 194.4  | 3.52 | 1.55  |
| 1998/03/06 11:00:00 | 230.53 | 8     | 270.23 | 5.57 | 1.32  |
| 1998/03/06 12:00:00 | 327.14 | 7.02  | 320.29 | 5.54 | 0.02  |
| 1998/03/06 13:00:00 | 316.38 | 7.26  | 309.43 | 6.58 | NaN   |
| 1998/03/06 14:00:00 | 313.98 | 6.91  | 311.76 | 6.19 | 2.31  |
| 1998/03/06 15:00:00 | 325.3  | 6.98  | 319.29 | 5.91 | -1.68 |
| 1998/03/06 16:00:00 | 322.16 | 8.36  | 314.87 | 6.67 | -1.28 |
| 1998/03/06 17:00:00 | 324.94 | 7.65  | 323.48 | 5.69 | -0.33 |
| 1998/03/06 18:00:00 | 325.93 | 7.23  | 323.63 | 4.95 | 0.72  |
| 1998/03/06 19:00:00 | 352.72 | 5.65  | 345.66 | 4.05 | 1.14  |
| 1998/03/06 20:00:00 | 354.18 | 6.45  | 354.9  | 4.56 | 1.69  |
| 1998/03/06 21:00:00 | 347.91 | 5.45  | 352.98 | 4.07 | 1.94  |
| 1998/03/06 22:00:00 | 269.55 | 6.4   | 295.07 | 4.76 | 2.4   |
| 1998/03/06 23:00:00 | 401.35 | 5.48  | 265.66 | 3.47 | 3.71  |
| 1998/03/07 00:00:00 | 379    | 5.36  | 265.67 | 3.2  | 2.54  |
| 1998/03/07 01:00:00 | 315.21 | 5.92  | 304.5  | 3.8  | 2     |
| 1998/03/07 02:00:00 | 369.67 | 7.94  | 368.41 | 5.27 | 3.38  |
| 1998/03/07 03:00:00 | 322.9  | 9.71  | 321.73 | 5.95 | 2.06  |
| 1998/03/07 04:00:00 | 423.42 | 11.75 | 427.01 | 6.03 | -3.34 |
| 1998/03/07 05:00:00 | 445.47 | 10.37 | 363.56 | 5.1  | 4.67  |
| 1998/03/07 06:00:00 | 439.43 | 10.36 | 426.3  | 5.32 | 3.8   |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/03/07 07:00:00 | 409.2  | 9.34  | 356.83 | 5.45  | 2.16  |
| 1998/03/07 08:00:00 | 420.96 | 10.1  | 399.58 | 5.59  | 1.55  |
| 1998/03/07 09:00:00 | 442.59 | 11.58 | 343.06 | 6.22  | 3.86  |
| 1998/03/07 10:00:00 | 440.16 | 11.51 | 351.24 | 6.19  | 6.65  |
| 1998/03/07 11:00:00 | 304.34 | 10.85 | 361.32 | 7.29  | 6.21  |
| 1998/03/07 12:00:00 | 442.91 | 12.42 | 387.06 | 6.58  | 6.5   |
| 1998/03/07 13:00:00 | 309.13 | 10.85 | 282.72 | 6.3   | 5.99  |
| 1998/03/07 14:00:00 | 95.07  | 12.61 | 310.97 | 6.54  | 3.04  |
| 1998/03/07 15:00:00 | 279.08 | 13.68 | 149.05 | 6.88  | 3.51  |
| 1998/03/07 16:00:00 | 457.84 | 15.18 | 130.18 | 7.74  | 3.46  |
| 1998/03/07 17:00:00 | 440.45 | 15.03 | 170.71 | 8.44  | -5.07 |
| 1998/03/07 18:00:00 | 439.05 | 14.78 | 156.11 | 7.67  | -3.72 |
| 1998/03/07 19:00:00 | 419.5  | 17.09 | 164.91 | 8.88  | 0.21  |
| 1998/03/07 20:00:00 | 150.72 | 9.2   | 196.22 | 5.51  | -0.37 |
| 1998/03/07 21:00:00 | 440.49 | 13.09 | 168.11 | 6.72  | -1.07 |
| 1998/03/07 22:00:00 | 171.6  | 11.78 | 142.25 | 6.69  | 1.54  |
| 1998/03/07 23:00:00 | 124.73 | 9.85  | 148.79 | 4.47  | 8.76  |
| 1998/03/08 00:00:00 | 137.11 | 10.65 | 150.02 | 5.19  | 9.15  |
| 1998/03/08 01:00:00 | 210.12 | 12.29 | 210.39 | 7.62  | 6.67  |
| 1998/03/08 02:00:00 | 213.05 | 10.66 | 217.38 | 6.62  | 4.53  |
| 1998/03/08 03:00:00 | 186.69 | 8.59  | 188.9  | 6.38  | 2.88  |
| 1998/03/08 04:00:00 | 196.84 | 6.42  | 207.89 | 4.45  | 2.15  |
| 1998/03/08 05:00:00 | 234.7  | 11.94 | 238.68 | 6.6   | 2.87  |
| 1998/03/08 06:00:00 | 232.9  | 15.31 | 228.34 | 9.05  | 4.12  |
| 1998/03/08 07:00:00 | 227.23 | 12.44 | 226.97 | 7.71  | 3.51  |
| 1998/03/08 08:00:00 | 241.8  | 16.09 | 236.62 | 7.08  | 1.27  |
| 1998/03/08 09:00:00 | 250.43 | 14.78 | 248.32 | 5.77  | 0.22  |
| 1998/03/08 10:00:00 | 252.07 | 13.43 | 250.18 | 5.36  | -0.49 |
| 1998/03/08 11:00:00 | 255.74 | 9.97  | 265.51 | 3.68  | 0.25  |
| 1998/03/08 12:00:00 | 96.72  | 7.89  | 233.73 | 5.28  | 0.59  |
| 1998/03/08 13:00:00 | 168.18 | 10.68 | 175.2  | 8.31  | -0.81 |
| 1998/03/08 14:00:00 | 211.06 | 14.79 | 216.78 | 10.52 | -1.67 |
| 1998/03/08 15:00:00 | 215.73 | 16.02 | 221.21 | 11.06 | -1.67 |
| 1998/03/08 16:00:00 | 245.32 | 19.44 | 243.87 | 8.78  | -1.68 |
| 1998/03/08 17:00:00 | 259.63 | 22.55 | 253.43 | 9.05  | -1.06 |
| 1998/03/08 18:00:00 | 252.63 | 23.31 | 245.2  | 9.08  | -0.91 |
| 1998/03/08 19:00:00 | 259.29 | 21.34 | 253.77 | 8.47  | -0.83 |
| 1998/03/08 20:00:00 | 259.25 | 21.41 | 257.37 | 8.11  | -0.82 |
| 1998/03/08 21:00:00 | 258.28 | 21.52 | 249.21 | 8.22  | -0.88 |
| 1998/03/08 22:00:00 | 259.28 | 20.69 | 258.61 | 7.66  | -0.85 |
| 1998/03/08 23:00:00 | 251.26 | 20.54 | 245.6  | 7.55  | -0.86 |
| 1998/03/09 00:00:00 | 257.84 | 19.63 | 249.65 | 7.54  | -0.85 |
| 1998/03/09 01:00:00 | 254.07 | 18.33 | 255.06 | 7.12  | -0.69 |
| 1998/03/09 02:00:00 | 258.16 | 19.79 | 251.12 | 7.73  | -0.8  |
| 1998/03/09 03:00:00 | 258.92 | 16.59 | 264.18 | 6.41  | -0.79 |
| 1998/03/09 04:00:00 | 259.26 | 18.34 | 256.23 | 6.87  | -0.81 |
| 1998/03/09 05:00:00 | 269.09 | 14.16 | 267.9  | 6.04  | -0.81 |
| 1998/03/09 06:00:00 | 277.7  | 16.63 | 277.56 | 7.57  | -0.83 |
| 1998/03/09 07:00:00 | 281.19 | 16.38 | 288.6  | 8.13  | -0.84 |
| 1998/03/09 08:00:00 | 282.41 | 17.87 | 283.62 | 8.3   | -0.96 |
| 1998/03/09 09:00:00 | 280.38 | 15.67 | 283.94 | 7.83  | -1.18 |
| 1998/03/09 10:00:00 | 280.02 | 14.71 | 288.57 | 7.63  | -1.52 |
| 1998/03/09 11:00:00 | 283.77 | 14.93 | 287.07 | 8.39  | -2.32 |
| 1998/03/09 12:00:00 | 288.89 | 12.49 | 287.84 | 7.54  | -2.62 |
| 1998/03/09 13:00:00 | 280.57 | 12.73 | 282.59 | 7.53  | -3.27 |
| 1998/03/09 14:00:00 | 291.77 | 12.65 | 296.75 | 8.15  | -2.74 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/03/09 15:00:00 | 294.31 | 14.35 | 301.77 | 8.34 | -2.27 |
| 1998/03/09 16:00:00 | 307.2  | 10.91 | 316.48 | 7.04 | -1.6  |
| 1998/03/09 17:00:00 | 307.7  | 11.4  | 314.68 | 7.09 | -1.33 |
| 1998/03/09 18:00:00 | 314.73 | 12.26 | 323.91 | 7.12 | -0.93 |
| 1998/03/09 19:00:00 | 312.01 | 8.84  | 330.1  | 4.49 | -0.29 |
| 1998/03/09 20:00:00 | 313.88 | 6.53  | 350.35 | 3.32 | -0.08 |
| 1998/03/09 21:00:00 | 302.15 | 7.88  | 336.76 | 3.67 | 0.11  |
| 1998/03/09 22:00:00 | 319.09 | 8.89  | 341.33 | 4.75 | -0.17 |
| 1998/03/09 23:00:00 | 344.66 | 7.28  | 352.25 | 4.53 | -0.38 |
| 1998/03/10 00:00:00 | 313.83 | 8.96  | 340.12 | 5.23 | -0.32 |
| 1998/03/10 01:00:00 | 308.8  | 11.92 | 322.7  | 7.47 | -0.36 |
| 1998/03/10 02:00:00 | 315.42 | 13.38 | 321.85 | 7.82 | -0.5  |
| 1998/03/10 03:00:00 | 317.57 | 13    | 330.73 | 7.3  | -0.52 |
| 1998/03/10 04:00:00 | 317.1  | 11.79 | 328.39 | 7.1  | -0.55 |
| 1998/03/10 05:00:00 | 317.84 | 11.98 | 330.16 | 7.36 | -0.6  |
| 1998/03/10 06:00:00 | 320.41 | 11.49 | 332.9  | 7.08 | -0.6  |
| 1998/03/10 07:00:00 | 321.99 | 10.48 | 335.86 | 6.35 | -0.45 |
| 1998/03/10 08:00:00 | 329.02 | 10.33 | 338.24 | 7.2  | -1.86 |
| 1998/03/10 09:00:00 | 323.28 | 9.82  | 333.2  | 7.27 | -2.28 |
| 1998/03/10 10:00:00 | 305.83 | 10.5  | 313.73 | 7.65 | -2.61 |
| 1998/03/10 11:00:00 | 301.66 | 10.43 | 319.87 | 7.72 | -2.62 |
| 1998/03/10 12:00:00 | 305.84 | 11.54 | 324.36 | 8.72 | -2.85 |
| 1998/03/10 13:00:00 | 285.27 | 10.98 | 309.51 | 8.42 | -3.09 |
| 1998/03/10 14:00:00 | 294.83 | 12.72 | 317.53 | 9.22 | -2.88 |
| 1998/03/10 15:00:00 | 298.37 | 13.73 | 323.06 | 9.46 | -2.54 |
| 1998/03/10 16:00:00 | 319.87 | 13.97 | 320.01 | 9.63 | -2.11 |
| 1998/03/10 17:00:00 | 321.39 | 12.45 | 332.63 | 9    | -1.37 |
| 1998/03/10 18:00:00 | 265.7  | 9.98  | 342.58 | 7.04 | -1.04 |
| 1998/03/10 19:00:00 | 299.83 | 7     | 367.36 | 4.46 | -0.55 |
| 1998/03/10 20:00:00 | 301.52 | 6.62  | 375.69 | 3.69 | -0.29 |
| 1998/03/10 21:00:00 | 354.28 | 6.42  | 393.05 | 3.01 | 0.25  |
| 1998/03/10 22:00:00 | 295.76 | 7.34  | 382.1  | 3.53 | 0.13  |
| 1998/03/10 23:00:00 | 298.22 | 7.58  | 375.73 | 3.95 | -0.23 |
| 1998/03/11 00:00:00 | 258.04 | 7.28  | 378.55 | 3.57 | -0.19 |
| 1998/03/11 01:00:00 | 230.97 | 9.07  | 378.06 | 4.91 | -0.11 |
| 1998/03/11 02:00:00 | 303.14 | 7.79  | 390.29 | 4.43 | -0.36 |
| 1998/03/11 03:00:00 | 331.6  | 5.28  | 351.4  | 2.38 | -0.12 |
| 1998/03/11 04:00:00 | 301.77 | 4     | 42.92  | 1.98 | 0.99  |
| 1998/03/11 05:00:00 | 277.96 | 4.13  | 150.37 | 1.88 | 1.38  |
| 1998/03/11 06:00:00 | 272.71 | 5.54  | 413.82 | 2.16 | 1.38  |
| 1998/03/11 07:00:00 | 346.45 | 3.02  | 392.38 | 2.08 | 2.5   |
| 1998/03/11 08:00:00 | 195.43 | 4.03  | 378.05 | 2.98 | -0.77 |
| 1998/03/11 09:00:00 | 124.89 | 6.72  | 377.96 | 5.5  | -1.81 |
| 1998/03/11 10:00:00 | 343.58 | 7.98  | 379.3  | 6.52 | -1.99 |
| 1998/03/11 11:00:00 | 331.31 | 7.38  | 333.2  | 6.24 | -2.36 |
| 1998/03/11 12:00:00 | 336.36 | 8.7   | 345.47 | 7.36 | -2.2  |
| 1998/03/11 13:00:00 | 305.68 | 9.7   | 309.38 | 7.83 | -3    |
| 1998/03/11 14:00:00 | 308.27 | 10.53 | 313.81 | 8.11 | -2.93 |
| 1998/03/11 15:00:00 | 315.77 | 11.24 | 323.14 | 8.66 | -2.27 |
| 1998/03/11 16:00:00 | 322.37 | 10.69 | 339.29 | 8.24 | -1.81 |
| 1998/03/11 17:00:00 | 328.1  | 10.58 | 340.76 | 7.73 | -1.32 |
| 1998/03/11 18:00:00 | 330.7  | 10.75 | 357.15 | 7.56 | -0.96 |
| 1998/03/11 19:00:00 | 279.28 | 8.19  | 377.46 | 5.15 | -0.54 |
| 1998/03/11 20:00:00 | 342.08 | 8.55  | 378.48 | 5.15 | -0.36 |
| 1998/03/11 21:00:00 | 204.29 | 11.04 | 379.15 | 7.39 | -0.59 |
| 1998/03/11 22:00:00 | 252.96 | 11.01 | 372.12 | 7.4  | -0.71 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/03/11 23:00:00 | 221.97 | 12.18 | 380.77 | 8.64 | -0.77 |
| 1998/03/12 00:00:00 | 321.35 | 11.45 | 388.36 | 8    | -0.74 |
| 1998/03/12 01:00:00 | 258.43 | 8.43  | 377.28 | 5.52 | -0.5  |
| 1998/03/12 02:00:00 | 329.66 | 10.05 | 376.21 | 6.93 | -0.69 |
| 1998/03/12 03:00:00 | 204    | 10.19 | 373.09 | 7.05 | -0.75 |
| 1998/03/12 04:00:00 | 237.7  | 11    | 377.92 | 7.72 | -0.79 |
| 1998/03/12 05:00:00 | 327.53 | 8.88  | 381    | 5.91 | -0.72 |
| 1998/03/12 06:00:00 | 126.15 | 7.98  | 382.66 | 5.43 | -0.71 |
| 1998/03/12 07:00:00 | 205.15 | 8.81  | 380.62 | 6.23 | -0.57 |
| 1998/03/12 08:00:00 | 232.76 | 9.73  | 385.02 | 7.41 | -1.75 |
| 1998/03/12 09:00:00 | 213.67 | 9.47  | 405.6  | 7.46 | -1.89 |
| 1998/03/12 10:00:00 | 333.51 | 8.05  | 375.04 | 6.69 | -1.92 |
| 1998/03/12 11:00:00 | 338.3  | 7.83  | 389.25 | 6.63 | -2.01 |
| 1998/03/12 12:00:00 | 201.7  | 7.06  | 351.36 | 6.13 | -2.11 |
| 1998/03/12 13:00:00 | 216.09 | 9.07  | 312.73 | 7.42 | -3.01 |
| 1998/03/12 14:00:00 | 271.19 | 8.88  | 306.2  | 7.05 | -2.96 |
| 1998/03/12 15:00:00 | 269.34 | 8.57  | 312.27 | 6.93 | -2.31 |
| 1998/03/12 16:00:00 | 259.9  | 8.49  | 315.42 | 6.8  | -1.91 |
| 1998/03/12 17:00:00 | 238.48 | 7.3   | 317.01 | 5.85 | -1.44 |
| 1998/03/12 18:00:00 | 238.63 | 6.88  | 322.95 | 4.98 | -1.13 |
| 1998/03/12 19:00:00 | 217.61 | 5.31  | 342.26 | 3.18 | -0.43 |
| 1998/03/12 20:00:00 | 289.6  | 7.14  | 359.37 | 3.88 | 0     |
| 1998/03/12 21:00:00 | 304.51 | 7.16  | 361.78 | 3.76 | 0.17  |
| 1998/03/12 22:00:00 | 336.27 | 6.13  | 384.17 | 2.62 | 0.2   |
| 1998/03/12 23:00:00 | 315.55 | 4.52  | 237.56 | 1.97 | 0.62  |
| 1998/03/13 00:00:00 | NaN    | 5.86  | 372.03 | 3.04 | 0.09  |
| 1998/03/13 01:00:00 | NaN    | 4.07  | 297.98 | 2.34 | -0.02 |
| 1998/03/13 02:00:00 | NaN    | 5.55  | 402.87 | 2.08 | -0.17 |
| 1998/03/13 03:00:00 | NaN    | 5.06  | 373.56 | 2.59 | -0.77 |
| 1998/03/13 04:00:00 | NaN    | 4.27  | 321.09 | 2.26 | -0.8  |
| 1998/03/13 05:00:00 | 270.68 | 3.91  | 244.5  | 2.1  | -0.84 |
| 1998/03/13 06:00:00 | 420.24 | 4.37  | 254.17 | 2.43 | -0.77 |
| 1998/03/13 07:00:00 | 392.54 | 4.78  | 336.87 | 2.51 | -0.87 |
| 1998/03/13 08:00:00 | 77.66  | 5.75  | 379.54 | 3.04 | -1.02 |
| 1998/03/13 09:00:00 | 49.23  | 6.96  | 282.11 | 4.4  | -1.28 |
| 1998/03/13 10:00:00 | 29.19  | 4.88  | 146.47 | 4.19 | -1.76 |
| 1998/03/13 11:00:00 | 146.6  | 6.38  | 187.32 | 5.45 | -2.27 |
| 1998/03/13 12:00:00 | 221.03 | 6.91  | 248.55 | 5.52 | -2.68 |
| 1998/03/13 13:00:00 | 216.02 | 6.34  | 237.65 | 5.28 | -2.36 |
| 1998/03/13 14:00:00 | 222.31 | 5.62  | 259.26 | 4.59 | -2.16 |
| 1998/03/13 15:00:00 | 218.64 | 5.98  | 249.59 | 5.03 | -1.94 |
| 1998/03/13 16:00:00 | 220.43 | 5.56  | 244.99 | 4.37 | -1.66 |
| 1998/03/13 17:00:00 | 207    | 5.29  | 232.59 | 4.15 | -1.28 |
| 1998/03/13 18:00:00 | 252.3  | 3.68  | 308.25 | 2.55 | -0.9  |
| 1998/03/13 19:00:00 | 235.5  | 4.03  | 363.55 | 1.48 | 0.11  |
| 1998/03/13 20:00:00 | 193.42 | 2.76  | 320.64 | 1.56 | 0.06  |
| 1998/03/13 21:00:00 | 199.07 | 3.9   | 330.07 | 1.48 | 0.18  |
| 1998/03/13 22:00:00 | 135.34 | 3.4   | 240.63 | 1.86 | 0.46  |
| 1998/03/13 23:00:00 | 81.25  | 1.98  | 422.18 | 2.16 | 1.64  |
| 1998/03/14 00:00:00 | 112.68 | 4.13  | 446.16 | 1.67 | 1.4   |
| 1998/03/14 01:00:00 | 99.54  | 5.75  | 152.67 | 2.33 | 1.01  |
| 1998/03/14 02:00:00 | 118.89 | 6.16  | 215.53 | 2.76 | 0.67  |
| 1998/03/14 03:00:00 | 89.79  | 9.85  | 141.71 | 5.07 | 0.12  |
| 1998/03/14 04:00:00 | 133.9  | 7.43  | 182.09 | 4.52 | -0.25 |
| 1998/03/14 05:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/03/14 06:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/03/14 07:00:00 | 103.28 | 5.22  | 338.06 | 2.45  | 0.42  |
| 1998/03/14 08:00:00 | 82.61  | 3.54  | 79.09  | 2.58  | -0.31 |
| 1998/03/14 09:00:00 | 234.87 | 3.55  | 402.25 | 3.15  | -1.04 |
| 1998/03/14 10:00:00 | NaN    | 3.19  | 420.94 | 3.4   | -1.33 |
| 1998/03/14 11:00:00 | NaN    | 2.22  | 375.72 | 2.87  | -1.22 |
| 1998/03/14 12:00:00 | NaN    | 4.08  | 281.74 | 4.31  | -2.62 |
| 1998/03/14 13:00:00 | NaN    | 5.26  | 253.44 | 4.47  | -2.14 |
| 1998/03/14 14:00:00 | 135.07 | 5.11  | 293.56 | 4.63  | -2.42 |
| 1998/03/14 15:00:00 | 220.8  | 6.03  | 264.62 | 5.02  | -2.26 |
| 1998/03/14 16:00:00 | 242.14 | 3.77  | 302.55 | 3.46  | -1.52 |
| 1998/03/14 17:00:00 | 251.53 | 2.58  | 314.89 | 2.51  | -1.13 |
| 1998/03/14 18:00:00 | 300.19 | 2.49  | 367.48 | 2.11  | -0.71 |
| 1998/03/14 19:00:00 | 351.87 | 2.65  | 409.13 | 2.04  | 1.69  |
| 1998/03/14 20:00:00 | 327.46 | 3.28  | 433.08 | 2.28  | 2.98  |
| 1998/03/14 21:00:00 | 11.53  | 3.94  | 446.88 | 2.18  | 3.47  |
| 1998/03/14 22:00:00 | NaN    | 3.46  | 430.14 | 2.35  | 4.18  |
| 1998/03/14 23:00:00 | NaN    | 5.67  | 303.1  | 3.15  | 4.19  |
| 1998/03/15 00:00:00 | NaN    | 7.13  | 100.21 | 2.88  | 2.76  |
| 1998/03/15 01:00:00 | NaN    | 6.19  | 78.79  | 3.18  | 4.76  |
| 1998/03/15 02:00:00 | 7.12   | 7.33  | 81.07  | 3.55  | 4.38  |
| 1998/03/15 03:00:00 | 59.95  | 7.26  | 95.71  | 2.92  | 4.49  |
| 1998/03/15 04:00:00 | 91.74  | 7.15  | 79.91  | 3.61  | 2.42  |
| 1998/03/15 05:00:00 | 70.61  | 6.41  | 74.9   | 3.53  | 2.59  |
| 1998/03/15 06:00:00 | 71.39  | 6.97  | 81.5   | 3.83  | 2.44  |
| 1998/03/15 07:00:00 | 73.39  | 9.47  | 81.47  | 4.64  | 3.21  |
| 1998/03/15 08:00:00 | 68.21  | 8.57  | 100.96 | 4.14  | -0.29 |
| 1998/03/15 09:00:00 | 57.58  | 7.56  | 137.62 | 4.66  | -1.01 |
| 1998/03/15 10:00:00 | NaN    | 6.39  | 190.17 | 4.94  | -1.81 |
| 1998/03/15 11:00:00 | NaN    | 6.09  | 122.26 | 4.97  | -1.62 |
| 1998/03/15 12:00:00 | NaN    | 5.71  | 154.6  | 4.82  | -1.71 |
| 1998/03/15 13:00:00 | NaN    | 7.52  | 163.5  | 6.92  | -1.79 |
| 1998/03/15 14:00:00 | NaN    | 8.05  | 180.04 | 6.46  | -1.84 |
| 1998/03/15 15:00:00 | NaN    | 9.24  | 178.13 | 7.05  | -1.77 |
| 1998/03/15 16:00:00 | NaN    | 9.62  | 148.47 | 6.49  | -1.19 |
| 1998/03/15 17:00:00 | 82.9   | 8.8   | 129.86 | 5.26  | -0.76 |
| 1998/03/15 18:00:00 | 41.82  | 5.86  | 299.82 | 2.73  | -0.48 |
| 1998/03/15 19:00:00 | 76.1   | 7.75  | 154.86 | 4.14  | 0.04  |
| 1998/03/15 20:00:00 | 56.17  | 9.39  | 154.39 | 5.66  | -0.07 |
| 1998/03/15 21:00:00 | 39.87  | 7.85  | 157.02 | 4.85  | -0.02 |
| 1998/03/15 22:00:00 | 113.42 | 9.11  | 155.78 | 6.02  | -0.35 |
| 1998/03/15 23:00:00 | 112.07 | 8.58  | 157.76 | 5.55  | -0.32 |
| 1998/03/16 00:00:00 | 95.12  | 7.55  | 161.24 | 4.38  | -0.22 |
| 1998/03/16 01:00:00 | 56.89  | 12.16 | 213.64 | 4.4   | 0.05  |
| 1998/03/16 02:00:00 | 74.08  | 13.32 | 202.58 | 5.14  | -0.3  |
| 1998/03/16 03:00:00 | 68.46  | 12.5  | 252.35 | 4.81  | -0.28 |
| 1998/03/16 04:00:00 | 52.87  | 11.76 | 215.47 | 4.78  | -0.32 |
| 1998/03/16 05:00:00 | 70     | 10.48 | 275.57 | 4.43  | -0.37 |
| 1998/03/16 06:00:00 | 69.29  | 9.4   | 306.41 | 3.89  | -0.25 |
| 1998/03/16 07:00:00 | 68.07  | 9.02  | 328.81 | 4.24  | -0.26 |
| 1998/03/16 08:00:00 | 74.49  | 12.37 | 297.38 | 6.29  | -0.98 |
| 1998/03/16 09:00:00 | 119.57 | 16.75 | 180.89 | 8.82  | -1.54 |
| 1998/03/16 10:00:00 | 193.47 | 17.59 | 189.48 | 9.36  | -1.91 |
| 1998/03/16 11:00:00 | 88.31  | 20.44 | 211.02 | 10.08 | -2.06 |
| 1998/03/16 12:00:00 | 252.59 | 17.6  | 169.83 | 10.07 | -2.12 |
| 1998/03/16 13:00:00 | 123.32 | 16.96 | 160.61 | 9.81  | -1.47 |
| 1998/03/16 14:00:00 | 83.26  | 16.74 | 135.92 | 9.36  | -1.2  |



## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/03/16 15:00:00 | 63.29  | 14.52 | 165.74 | 7.86  | -0.91 |
| 1998/03/16 16:00:00 | 86.87  | 10.32 | 222.26 | 5.58  | -0.73 |
| 1998/03/16 17:00:00 | 63.23  | 9.49  | 285.08 | 4.87  | -0.39 |
| 1998/03/16 18:00:00 | 45.95  | 8.43  | 379.66 | 3.33  | 1.94  |
| 1998/03/16 19:00:00 | 148.01 | 5.01  | 338.49 | 2.73  | -4.27 |
| 1998/03/16 20:00:00 | 265.06 | 5.07  | 270.79 | 3.4   | -2.47 |
| 1998/03/16 21:00:00 | 172.67 | 7.85  | 216.36 | 4.06  | 1.61  |
| 1998/03/16 22:00:00 | 100.91 | 14.17 | 157.49 | 7.25  | 1.6   |
| 1998/03/16 23:00:00 | 85.96  | 22.56 | 230.52 | 11.06 | 2.41  |
| 1998/03/17 00:00:00 | 143.45 | 22.4  | 177.98 | 12.08 | 2.6   |
| 1998/03/17 01:00:00 | 94.25  | 18.61 | 152.4  | 10.01 | 0.43  |
| 1998/03/17 02:00:00 | 111.93 | 9.72  | 164.18 | 4.68  | -0.03 |
| 1998/03/17 03:00:00 | 252.23 | 7.15  | 332.45 | 2.62  | 0.86  |
| 1998/03/17 04:00:00 | 255.39 | 5.48  | 337.89 | 1.9   | 0.95  |
| 1998/03/17 05:00:00 | 192.02 | 2.62  | 431.05 | 2.91  | 1.6   |
| 1998/03/17 06:00:00 | 70.16  | 5.79  | 109.2  | 3.06  | 0.93  |
| 1998/03/17 07:00:00 | 203.04 | 5.98  | 175.95 | 3.04  | 0.01  |
| 1998/03/17 08:00:00 | 423.8  | 8.63  | 352.85 | 3.66  | -0.26 |
| 1998/03/17 09:00:00 | 147.86 | 8.77  | 175.51 | 4.08  | -0.97 |
| 1998/03/17 10:00:00 | 103.91 | 13.21 | 142.47 | 8.54  | -1.57 |
| 1998/03/17 11:00:00 | 116.31 | 12.48 | 153.51 | 9.48  | -1.84 |
| 1998/03/17 12:00:00 | 143.53 | 10.18 | 179.2  | 8.56  | -2.1  |
| 1998/03/17 13:00:00 | 196.01 | 9.89  | 223.47 | 7.34  | -2.14 |
| 1998/03/17 14:00:00 | NaN    | 9.95  | 227.31 | 7.32  | -2.85 |
| 1998/03/17 15:00:00 | 161.74 | 9.39  | 228.27 | 6.61  | -2.15 |
| 1998/03/17 16:00:00 | 199.16 | 11.12 | 223    | 8.04  | -1.62 |
| 1998/03/17 17:00:00 | 220.81 | 12.41 | 226.02 | 8.12  | -0.95 |
| 1998/03/17 18:00:00 | 159.14 | 8.68  | 201.23 | 4.85  | 0.14  |
| 1998/03/17 19:00:00 | 92.68  | 13.03 | 150.74 | 8.24  | -0.04 |
| 1998/03/17 20:00:00 | 53.68  | 16.94 | 147.21 | 10.56 | -0.44 |
| 1998/03/17 21:00:00 | 81.82  | 13.05 | 168.41 | 6.84  | -0.26 |
| 1998/03/17 22:00:00 | 53.54  | 10.51 | 226.28 | 3.85  | -0.13 |
| 1998/03/17 23:00:00 | 43.29  | 8.36  | 196.3  | 3.82  | -0.21 |
| 1998/03/18 00:00:00 | 15.26  | 7.09  | 154.22 | 3.73  | -0.22 |
| 1998/03/18 01:00:00 | 99.95  | 4.35  | 135.14 | 2.41  | 0.2   |
| 1998/03/18 02:00:00 | 90.42  | 4.24  | 276.51 | 1.61  | 0.78  |
| 1998/03/18 03:00:00 | NaN    | 4.47  | 109.24 | 1.5   | 1.26  |
| 1998/03/18 04:00:00 | NaN    | 4.41  | 237.09 | 1.47  | 0.69  |
| 1998/03/18 05:00:00 | NaN    | 4.59  | 93.71  | 2.59  | 0.65  |
| 1998/03/18 06:00:00 | 32.82  | 2.91  | 314.58 | 2.41  | 0.71  |
| 1998/03/18 07:00:00 | 318.3  | 2.37  | 327.75 | 2.04  | 1.1   |
| 1998/03/18 08:00:00 | 96.82  | 1.83  | 337.42 | 1.76  | 0.29  |
| 1998/03/18 09:00:00 | NaN    | 8.67  | 325.75 | 6.21  | -1.95 |
| 1998/03/18 10:00:00 | 52.43  | 8.24  | 314.95 | 6.35  | -2.46 |
| 1998/03/18 11:00:00 | 263.11 | 5.93  | 300.95 | 5.37  | -2.59 |
| 1998/03/18 12:00:00 | 214.35 | 4.71  | 236.19 | 4.66  | -2.17 |
| 1998/03/18 13:00:00 | 265.2  | 5.28  | 278.3  | 4.88  | -2.17 |
| 1998/03/18 14:00:00 | 258.07 | 6.4   | 248.12 | 5.05  | -2.02 |
| 1998/03/18 15:00:00 | 261.17 | 6.05  | 290.82 | 4.59  | -1.64 |
| 1998/03/18 16:00:00 | 240.41 | 4.09  | 247.53 | 3.47  | -1.28 |
| 1998/03/18 17:00:00 | 137.41 | 3.78  | 234.8  | 3.37  | -1.09 |
| 1998/03/18 18:00:00 | 252.5  | 5.99  | 338.1  | 4.14  | -0.72 |
| 1998/03/18 19:00:00 | 377.1  | 6.22  | 422.59 | 2.86  | 0.17  |
| 1998/03/18 20:00:00 | 397.93 | 7.57  | 416.69 | 2.79  | 1.3   |
| 1998/03/18 21:00:00 | 402.86 | 7.91  | 433.31 | 2.82  | 0.71  |
| 1998/03/18 22:00:00 | 406.48 | 7.66  | 225.8  | 3.05  | 0.15  |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/03/18 23:00:00 | 29.13  | 5.16  | 222.87 | 2.56 | 0.31  |
| 1998/03/19 00:00:00 | NaN    | 6.99  | 148.77 | 3.95 | 0.4   |
| 1998/03/19 01:00:00 | 93.49  | 6.91  | 200.53 | 2.71 | 1.3   |
| 1998/03/19 02:00:00 | 72.45  | 6.16  | 401.28 | 2.18 | 2.44  |
| 1998/03/19 03:00:00 | 53.38  | 7.12  | 367.6  | 2.44 | 3.34  |
| 1998/03/19 04:00:00 | 41.67  | 6.78  | 335.24 | 2.87 | 3.75  |
| 1998/03/19 05:00:00 | 64.87  | 8.67  | 436.6  | 3.84 | 4.45  |
| 1998/03/19 06:00:00 | 57.98  | 4.55  | 293.73 | 2.03 | 4.5   |
| 1998/03/19 07:00:00 | NaN    | 4.16  | 314.02 | 1.91 | 3.17  |
| 1998/03/19 08:00:00 | 35.39  | 3.86  | 190.59 | 2.36 | 1.99  |
| 1998/03/19 09:00:00 | NaN    | 7.36  | 262.09 | 4.07 | 3.08  |
| 1998/03/19 10:00:00 | 164.72 | 9.65  | 192.74 | 5.38 | 1.08  |
| 1998/03/19 11:00:00 | NaN    | 7.23  | 144    | 5.15 | -0.25 |
| 1998/03/19 12:00:00 | 100.59 | 6.18  | 130.94 | 4.39 | 0.22  |
| 1998/03/19 13:00:00 | NaN    | 7.75  | 151.1  | 5.6  | -0.64 |
| 1998/03/19 14:00:00 | 113.14 | 8.22  | 208.75 | 5.99 | -0.91 |
| 1998/03/19 15:00:00 | 90.06  | 9.64  | 213.49 | 7.34 | -2.05 |
| 1998/03/19 16:00:00 | 205.07 | 11.49 | 230.97 | 6.99 | -1.45 |
| 1998/03/19 17:00:00 | 250.33 | 6.96  | 287.63 | 3.62 | -1.14 |
| 1998/03/19 18:00:00 | 242.46 | 9.79  | 285.18 | 4.43 | -1.12 |
| 1998/03/19 19:00:00 | 244.4  | 12.31 | 280.87 | 5.19 | -0.3  |
| 1998/03/19 20:00:00 | 181.14 | 8.14  | 272.96 | 2.35 | 0.29  |
| 1998/03/19 21:00:00 | 195.91 | 17.62 | 266.45 | 6.61 | -0.09 |
| 1998/03/19 22:00:00 | 148.92 | 19.87 | 262.33 | 6.99 | -0.53 |
| 1998/03/19 23:00:00 | 98.13  | 17.34 | 250.36 | 6.56 | -0.45 |
| 1998/03/20 00:00:00 | 71.35  | 17.63 | 267.17 | 6.92 | -0.72 |
| 1998/03/20 01:00:00 | 21.89  | 16.77 | 247.1  | 6.28 | -0.63 |
| 1998/03/20 02:00:00 | 151.91 | 15.32 | 255.44 | 5.67 | -0.78 |
| 1998/03/20 03:00:00 | 164.25 | 15.36 | 269.28 | 6.09 | -0.75 |
| 1998/03/20 04:00:00 | 209.92 | 14.74 | 257.29 | 5.63 | -0.75 |
| 1998/03/20 05:00:00 | 199.85 | 16.41 | 253.06 | 6.01 | -0.81 |
| 1998/03/20 06:00:00 | 161.23 | 16.27 | 276.02 | 7.3  | -0.84 |
| 1998/03/20 07:00:00 | 217.07 | 14.74 | 273.25 | 6.55 | -0.89 |
| 1998/03/20 08:00:00 | 135.39 | 14.47 | 262.11 | 5.99 | -1.04 |
| 1998/03/20 09:00:00 | 126.83 | 15.95 | 271.31 | 7.12 | -1.21 |
| 1998/03/20 10:00:00 | 135.73 | 15.38 | 278.53 | 7.19 | -1.31 |
| 1998/03/20 11:00:00 | 102.67 | 13.65 | 272.98 | 6.3  | -1.42 |
| 1998/03/20 12:00:00 | 167.88 | 15.49 | 274.81 | 7.13 | -1.47 |
| 1998/03/20 13:00:00 | 193.23 | 14.97 | 260.19 | 5.95 | -1.7  |
| 1998/03/20 14:00:00 | 250.72 | 15.34 | 274.48 | 6.96 | -1.64 |
| 1998/03/20 15:00:00 | 251.72 | 14.63 | 282.59 | 7.64 | -1.68 |
| 1998/03/20 16:00:00 | 242.61 | 14.06 | 279.57 | 6.73 | -1.3  |
| 1998/03/20 17:00:00 | 254.26 | 14.93 | 285.47 | 7    | -1.04 |
| 1998/03/20 18:00:00 | 258.61 | 11.81 | 288.87 | 5.85 | -0.86 |
| 1998/03/20 19:00:00 | 246.57 | 11.48 | 274.53 | 5.6  | -0.73 |
| 1998/03/20 20:00:00 | 246.3  | 11.24 | 280.8  | 5.09 | -0.71 |
| 1998/03/20 21:00:00 | 250.98 | 10.46 | 284.3  | 4.86 | -0.71 |
| 1998/03/20 22:00:00 | 255.11 | 13.61 | 297.81 | 6.72 | -0.75 |
| 1998/03/20 23:00:00 | 171.33 | 13.49 | 303.64 | 6.84 | -0.78 |
| 1998/03/21 00:00:00 | 143.48 | 12.25 | 293.3  | 6.09 | -0.81 |
| 1998/03/21 01:00:00 | 242.21 | 13.19 | 304.78 | 7.06 | -0.68 |
| 1998/03/21 02:00:00 | 240.96 | 12.69 | 309.88 | 7.12 | -0.81 |
| 1998/03/21 03:00:00 | 218.13 | 12.88 | 310.52 | 6.85 | -0.83 |
| 1998/03/21 04:00:00 | 271.13 | 15.63 | 311.49 | 9.21 | -0.85 |
| 1998/03/21 05:00:00 | 242.04 | 14.23 | 328.09 | 8.66 | -0.83 |
| 1998/03/21 06:00:00 | NaN    | 11.43 | 338.82 | 7.55 | -0.83 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/03/21 07:00:00 | 136.08 | 10.26 | 334.25 | 6.5  | -0.57 |
| 1998/03/21 08:00:00 | 162.92 | 9.82  | 320.88 | 6.26 | -1.82 |
| 1998/03/21 09:00:00 | NaN    | 11.89 | 325.3  | 7.8  | -1.88 |
| 1998/03/21 10:00:00 | NaN    | 10.49 | 321.76 | 7.73 | -2.58 |
| 1998/03/21 11:00:00 | 57.27  | 9.9   | 322.39 | 7.65 | -2.7  |
| 1998/03/21 12:00:00 | 178.75 | 9.8   | 339.24 | 8.08 | -2.33 |
| 1998/03/21 13:00:00 | 58.28  | 10.31 | 331.21 | 8.28 | -2.6  |
| 1998/03/21 14:00:00 | NaN    | 10.09 | 333.78 | 7.88 | -2.61 |
| 1998/03/21 15:00:00 | 54.6   | 10.24 | 330.35 | 8.01 | -2.03 |
| 1998/03/21 16:00:00 | 12.21  | 9.09  | 337.81 | 7.33 | -1.46 |
| 1998/03/21 17:00:00 | 108.98 | 9.51  | 328.52 | 7.1  | -1.31 |
| 1998/03/21 18:00:00 | 105.35 | 7.39  | 350.77 | 5.34 | -0.95 |
| 1998/03/21 19:00:00 | NaN    | 6.51  | 372.54 | 3.69 | -0.3  |
| 1998/03/21 20:00:00 | NaN    | 6.97  | 372.93 | 3.16 | 0.33  |
| 1998/03/21 21:00:00 | 231.25 | 7.23  | 381.34 | 3    | 1.14  |
| 1998/03/21 22:00:00 | 157.37 | 7.22  | 394.46 | 2.56 | 1.92  |
| 1998/03/21 23:00:00 | 175.5  | 6.65  | 420.21 | 2.49 | 3.93  |
| 1998/03/22 00:00:00 | 78.91  | 4.31  | 420.29 | 1.75 | 5.66  |
| 1998/03/22 01:00:00 | NaN    | 3.04  | 93.35  | 2.43 | 5.4   |
| 1998/03/22 02:00:00 | NaN    | 5.07  | 59.4   | 3.47 | 6.81  |
| 1998/03/22 03:00:00 | NaN    | 5.46  | 65.71  | 2.37 | 7.84  |
| 1998/03/22 04:00:00 | NaN    | 3.63  | 75.59  | 2.39 | 5.78  |
| 1998/03/22 05:00:00 | NaN    | 4.55  | 52.77  | 2.48 | 5.84  |
| 1998/03/22 06:00:00 | NaN    | 3.19  | 61.53  | 2.37 | 6.47  |
| 1998/03/22 07:00:00 | NaN    | 2.61  | 74.97  | 1.96 | 5.96  |
| 1998/03/22 08:00:00 | NaN    | 4.73  | 159.94 | 2.28 | 0.94  |
| 1998/03/22 09:00:00 | NaN    | 5.24  | 215.62 | 4.58 | -1.98 |
| 1998/03/22 10:00:00 | NaN    | 5.41  | 231.13 | 4.93 | -2.3  |
| 1998/03/22 11:00:00 | NaN    | 5.08  | 245.61 | 4.54 | -2.3  |
| 1998/03/22 12:00:00 | NaN    | 5.86  | 239.31 | 5.16 | -2.53 |
| 1998/03/22 13:00:00 | NaN    | 6.52  | 272.25 | 5.64 | -2.79 |
| 1998/03/22 14:00:00 | NaN    | 6     | 288.16 | 4.89 | -2.63 |
| 1998/03/22 15:00:00 | NaN    | 7.21  | 324.91 | 6.22 | -1.79 |
| 1998/03/22 16:00:00 | NaN    | 7.12  | 332.53 | 5.76 | -1.38 |
| 1998/03/22 17:00:00 | NaN    | 6.55  | 332.49 | 5.33 | -1.27 |
| 1998/03/22 18:00:00 | 145.15 | 5.28  | 336.59 | 3.76 | -0.78 |
| 1998/03/22 19:00:00 | 109.92 | 4.56  | 385.91 | 2.44 | 1.15  |
| 1998/03/22 20:00:00 | 205.9  | 5.02  | 418.54 | 2.26 | 3.49  |
| 1998/03/22 21:00:00 | 209.69 | 4.66  | 426.41 | 2.62 | 4.91  |
| 1998/03/22 22:00:00 | 237.01 | 3.75  | 421.39 | 2.74 | 6.56  |
| 1998/03/22 23:00:00 | 369.1  | 6.23  | 457.45 | 2.59 | 7.14  |
| 1998/03/23 00:00:00 | 382.83 | 9.52  | 457.22 | 3.66 | 7.23  |
| 1998/03/23 01:00:00 | 9.8    | 9.26  | 120.3  | 3.71 | 7.02  |
| 1998/03/23 02:00:00 | NaN    | 8.17  | 124.94 | 2.58 | 7.52  |
| 1998/03/23 03:00:00 | NaN    | 7.07  | 123.77 | 2.23 | 7.08  |
| 1998/03/23 04:00:00 | NaN    | 7.41  | 77.04  | 2.65 | 7.14  |
| 1998/03/23 05:00:00 | NaN    | 8.22  | 368.38 | 2.36 | 6.7   |
| 1998/03/23 06:00:00 | NaN    | 9.7   | 449.76 | 3.26 | 7.17  |
| 1998/03/23 07:00:00 | NaN    | 8.95  | 440.13 | 3.71 | 6.05  |
| 1998/03/23 08:00:00 | NaN    | 9.12  | 127.29 | 3.35 | 1.07  |
| 1998/03/23 09:00:00 | NaN    | 7.69  | 146.51 | 5.37 | -1.55 |
| 1998/03/23 10:00:00 | NaN    | 9.73  | 196.33 | 7.71 | -2.26 |
| 1998/03/23 11:00:00 | NaN    | 10.63 | 225.61 | 8    | -2.69 |
| 1998/03/23 12:00:00 | NaN    | 9.63  | 229.41 | 7.27 | -2.91 |
| 1998/03/23 13:00:00 | NaN    | 10.13 | 229.55 | 7.23 | -2.97 |
| 1998/03/23 14:00:00 | NaN    | 13.69 | 227.4  | 9.45 | -2.92 |

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|                            |       |        |       |       |
|----------------------------|-------|--------|-------|-------|
| 1998/03/23 15:00:00 NaN    | 15.84 | 225.06 | 11.01 | -2    |
| 1998/03/23 16:00:00 NaN    | 14.76 | 223.65 | 10.29 | -1.5  |
| 1998/03/23 17:00:00 NaN    | 15.54 | 221.81 | 10.47 | -1.14 |
| 1998/03/23 18:00:00 NaN    | 13.95 | 215.77 | 9.64  | -0.5  |
| 1998/03/23 19:00:00 NaN    | 12.97 | 195.18 | 9.38  | -0.13 |
| 1998/03/23 20:00:00 NaN    | 10.16 | 197.19 | 7     | -0.14 |
| 1998/03/23 21:00:00 NaN    | 12.04 | 191.08 | 8.27  | -0.15 |
| 1998/03/23 22:00:00 NaN    | 12.34 | 193.8  | 8.75  | -0.24 |
| 1998/03/23 23:00:00 NaN    | 10.33 | 202.73 | 6.93  | -0.02 |
| 1998/03/24 00:00:00 NaN    | 11.54 | 195.84 | 8.03  | -0.12 |
| 1998/03/24 01:00:00 NaN    | 8.4   | 184.26 | 5.4   | 0.12  |
| 1998/03/24 02:00:00 NaN    | 6.87  | 177.45 | 3.67  | 0.05  |
| 1998/03/24 03:00:00 NaN    | 6.1   | 175.71 | 3.16  | -0.12 |
| 1998/03/24 04:00:00 NaN    | 5.33  | 105.68 | 2.04  | 0.77  |
| 1998/03/24 05:00:00 NaN    | 5.57  | 79.69  | 2.76  | 2.49  |
| 1998/03/24 06:00:00 NaN    | 7.35  | 94.6   | 3.61  | 2.47  |
| 1998/03/24 07:00:00 NaN    | 7.51  | 92.37  | 3.36  | 2.8   |
| 1998/03/24 08:00:00 NaN    | 8.81  | 136.92 | 4.99  | -0.64 |
| 1998/03/24 09:00:00 NaN    | 8.23  | 173.13 | 6.73  | -1.86 |
| 1998/03/24 10:00:00 NaN    | 8.51  | 210.99 | 6.91  | -2.25 |
| 1998/03/24 11:00:00 NaN    | 9.84  | 230.33 | 6.74  | -2.61 |
| 1998/03/24 12:00:00 NaN    | 7.9   | 234.61 | 6     | -2.7  |
| 1998/03/24 13:00:00 NaN    | 6.02  | 236.78 | 5.29  | -2.45 |
| 1998/03/24 14:00:00 NaN    | 5.91  | 261.45 | 4.89  | -2.62 |
| 1998/03/24 15:00:00 NaN    | 7.15  | 244.83 | 5.13  | -2.15 |
| 1998/03/24 16:00:00 NaN    | 7.15  | 233.39 | 5.26  | -1.55 |
| 1998/03/24 17:00:00 NaN    | 8.31  | 230.07 | 5.95  | -1.37 |
| 1998/03/24 18:00:00 NaN    | 8.59  | 222.32 | 5.51  | -0.71 |
| 1998/03/24 19:00:00 NaN    | 6.82  | 171.69 | 3.08  | 0.82  |
| 1998/03/24 20:00:00 NaN    | 5.92  | 122.91 | 2.39  | 1.08  |
| 1998/03/24 21:00:00 NaN    | 11.29 | 166    | 6.72  | 0.31  |
| 1998/03/24 22:00:00 NaN    | 10.79 | 174.3  | 6.91  | -0.15 |
| 1998/03/24 23:00:00 NaN    | 10.82 | 168.98 | 6.68  | -0.18 |
| 1998/03/25 00:00:00 NaN    | 10.15 | 164.79 | 6.58  | -0.19 |
| 1998/03/25 01:00:00 NaN    | 10.88 | 163.9  | 7.06  | -0.13 |
| 1998/03/25 02:00:00 NaN    | 11.93 | 162.74 | 7.63  | -0.24 |
| 1998/03/25 03:00:00 NaN    | 9.59  | 157.84 | 4.68  | 0.09  |
| 1998/03/25 04:00:00 NaN    | 10.03 | 223.95 | 3.43  | 0.72  |
| 1998/03/25 05:00:00 NaN    | 10.56 | 268.01 | 4.03  | 0.99  |
| 1998/03/25 06:00:00 NaN    | 10.69 | 290.28 | 4.32  | 1.3   |
| 1998/03/25 07:00:00 NaN    | 9.47  | 138.97 | 5.07  | 2.06  |
| 1998/03/25 08:00:00 NaN    | 7.1   | 146.54 | 4.95  | 0.24  |
| 1998/03/25 09:00:00 NaN    | 9.32  | 162.42 | 6.93  | -1.19 |
| 1998/03/25 10:00:00 NaN    | 11.92 | 168.42 | 8.89  | -1.37 |
| 1998/03/25 11:00:00 NaN    | 11.37 | 185.37 | 9.47  | -1.84 |
| 1998/03/25 12:00:00 NaN    | 12.92 | 168.16 | 10.5  | -2.35 |
| 1998/03/25 13:00:00 NaN    | 13.4  | 173.88 | 10.8  | -2.36 |
| 1998/03/25 14:00:00 NaN    | 15.08 | 173.63 | 11.62 | -2.36 |
| 1998/03/25 15:00:00 52.93  | 15.34 | 167.63 | 11.46 | -1.91 |
| 1998/03/25 16:00:00 135.16 | 14.85 | 183.96 | 11.68 | -1.32 |
| 1998/03/25 17:00:00 114.21 | 14.97 | 168.49 | 10.97 | -1.19 |
| 1998/03/25 18:00:00 98.15  | 16.49 | 153.54 | 10.97 | -0.74 |
| 1998/03/25 19:00:00 110.36 | 12.76 | 149.62 | 7.78  | -0.26 |
| 1998/03/25 20:00:00 100.69 | 13.69 | 144.72 | 7.69  | -0.27 |
| 1998/03/25 21:00:00 97.3   | 13.36 | 140.37 | 7.43  | -0.35 |
| 1998/03/25 22:00:00 102.92 | 13.46 | 142.41 | 7.61  | -0.34 |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/03/25 23:00:00 | 103.55 | 13.19 | 143.55 | 7.93  | -0.37 |
| 1998/03/26 00:00:00 | 96.88  | 11.76 | 138.18 | 6.71  | -0.3  |
| 1998/03/26 01:00:00 | 97.27  | 9.69  | 152.65 | 4.49  | -0.02 |
| 1998/03/26 02:00:00 | 84.82  | 8.99  | 155.77 | 3.61  | 0.26  |
| 1998/03/26 03:00:00 | 83.3   | 8.11  | 187.1  | 3.16  | 0.49  |
| 1998/03/26 04:00:00 | 81.14  | 9.33  | 225.49 | 3.34  | 1.06  |
| 1998/03/26 05:00:00 | 80.96  | 9.94  | 170.02 | 3.85  | 1.2   |
| 1998/03/26 06:00:00 | 73.27  | 9.57  | 243.31 | 3.48  | 1.41  |
| 1998/03/26 07:00:00 | 69.96  | 9.83  | 232.01 | 3.42  | 0.75  |
| 1998/03/26 08:00:00 | 198.07 | 10.02 | 220.14 | 5.22  | -1.06 |
| 1998/03/26 09:00:00 | 134.41 | 11.76 | 158.04 | 9.15  | -1.96 |
| 1998/03/26 10:00:00 | 154.89 | 13.61 | 171.12 | 10.36 | -1.96 |
| 1998/03/26 11:00:00 | 160.58 | 15.07 | 175.77 | 11.85 | -1.87 |
| 1998/03/26 12:00:00 | 125.71 | 16.47 | 171.73 | 12.73 | -2.11 |
| 1998/03/26 13:00:00 | 144.25 | 16.93 | 171.97 | 12.74 | -2.18 |
| 1998/03/26 14:00:00 | 149.28 | 16.19 | 167.49 | 12.22 | -2.01 |
| 1998/03/26 15:00:00 | 146.45 | 15.65 | 163.89 | 11.66 | -1.7  |
| 1998/03/26 16:00:00 | 146.74 | 14.3  | 161.42 | 10.33 | -1.26 |
| 1998/03/26 17:00:00 | 139.92 | 15.73 | 160.21 | 10.96 | -1.12 |
| 1998/03/26 18:00:00 | 124.62 | 14.74 | 144.44 | 9.1   | -0.79 |
| 1998/03/26 19:00:00 | 124.4  | 16.19 | 143.44 | 9.66  | -0.51 |
| 1998/03/26 20:00:00 | 123.36 | 14.39 | 143.25 | 8.08  | -0.41 |
| 1998/03/26 21:00:00 | 124.23 | 13.8  | 142.82 | 8.05  | -0.39 |
| 1998/03/26 22:00:00 | 120.58 | 14.84 | 146.18 | 8.87  | -0.39 |
| 1998/03/26 23:00:00 | 92.28  | 14.04 | 145.82 | 7.96  | -0.34 |
| 1998/03/27 00:00:00 | 99.99  | 12.91 | 149.07 | 7.28  | -0.4  |
| 1998/03/27 01:00:00 | 103.52 | 13.02 | 162.48 | 7.67  | -0.36 |
| 1998/03/27 02:00:00 | 105.24 | 14.52 | 162.34 | 8.76  | -0.52 |
| 1998/03/27 03:00:00 | 97.64  | 13.22 | 148.13 | 7.86  | -0.37 |
| 1998/03/27 04:00:00 | 71.49  | 11.06 | 160.07 | 5.45  | -0.16 |
| 1998/03/27 05:00:00 | 34.19  | 11.08 | 166.82 | 4.74  | -0.12 |
| 1998/03/27 06:00:00 | 15.77  | 11.35 | 211.58 | 4.84  | 0.03  |
| 1998/03/27 07:00:00 | 25.36  | 12.24 | 164.28 | 5.34  | -0.02 |
| 1998/03/27 08:00:00 | 9.42   | 13.25 | 139.99 | 7.8   | -1    |
| 1998/03/27 09:00:00 | 64.32  | 15.35 | 148.51 | 10.51 | -1.49 |
| 1998/03/27 10:00:00 | 72.43  | 18.79 | 151.8  | 12.98 | -1.56 |
| 1998/03/27 11:00:00 | 53.34  | 19.62 | 151.33 | 13.72 | -1.89 |
| 1998/03/27 12:00:00 | NaN    | 16.33 | 164.86 | 12.1  | -1.9  |
| 1998/03/27 13:00:00 | 30.03  | 16.9  | 169.13 | 12.51 | -1.5  |
| 1998/03/27 14:00:00 | 100.85 | 16.75 | 159.35 | 12.14 | -1.87 |
| 1998/03/27 15:00:00 | 107.8  | 17.12 | 164.06 | 12.55 | -1.53 |
| 1998/03/27 16:00:00 | 111.61 | 18.52 | 165.99 | 13.21 | -1.2  |
| 1998/03/27 17:00:00 | 142.43 | 17.7  | 162.23 | 12.38 | -0.92 |
| 1998/03/27 18:00:00 | 150.71 | 16.14 | 171.55 | 11.55 | -0.65 |
| 1998/03/27 19:00:00 | 133.41 | 13.73 | 159.51 | 9.42  | -0.55 |
| 1998/03/27 20:00:00 | 129.15 | 16.33 | 158.28 | 11.27 | -0.57 |
| 1998/03/27 21:00:00 | 132.2  | 13.09 | 162.34 | 9.17  | -0.48 |
| 1998/03/27 22:00:00 | 119    | 14.13 | 151.25 | 9.5   | -0.43 |
| 1998/03/27 23:00:00 | 119.01 | 13.2  | 151.76 | 8.68  | -0.59 |
| 1998/03/28 00:00:00 | 129.64 | 13.14 | 159.89 | 9.05  | -0.55 |
| 1998/03/28 01:00:00 | 152.86 | 13.12 | 172.32 | 9.1   | -0.43 |
| 1998/03/28 02:00:00 | 155.33 | 13.53 | 170.44 | 9.66  | -0.6  |
| 1998/03/28 03:00:00 | 147.15 | 15.27 | 163.18 | 10.71 | -0.53 |
| 1998/03/28 04:00:00 | 141.72 | 13.21 | 156.64 | 9.13  | -0.41 |
| 1998/03/28 05:00:00 | 133.14 | 10.98 | 155.42 | 7.54  | -0.37 |
| 1998/03/28 06:00:00 | 135.77 | 10.93 | 152.93 | 6.93  | -0.3  |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/03/28 07:00:00 | 136.59 | 11.45 | 149.87 | 7.38  | -0.2  |
| 1998/03/28 08:00:00 | 131.36 | 14.35 | 160.39 | 10.17 | -0.96 |
| 1998/03/28 09:00:00 | 122.28 | 12.38 | 169.61 | 9.51  | -1.61 |
| 1998/03/28 10:00:00 | 128.29 | 15.32 | 170.45 | 11.38 | -1.8  |
| 1998/03/28 11:00:00 | 168.96 | 15.15 | 180.53 | 11.95 | -2.07 |
| 1998/03/28 12:00:00 | 165.14 | 15.57 | 179.16 | 12.23 | -1.98 |
| 1998/03/28 13:00:00 | 158.98 | 13.53 | 179.12 | 11.05 | -1.88 |
| 1998/03/28 14:00:00 | 154    | 14.09 | 175.22 | 10.5  | -1.57 |
| 1998/03/28 15:00:00 | 174.88 | 12.63 | 192.16 | 9.67  | -1.54 |
| 1998/03/28 16:00:00 | 210.36 | 8.62  | 217.7  | 5.81  | -1.17 |
| 1998/03/28 17:00:00 | 183.32 | 8.84  | 190.1  | 6.45  | -0.72 |
| 1998/03/28 18:00:00 | 181.16 | 10.15 | 194.82 | 7.16  | -0.54 |
| 1998/03/28 19:00:00 | 179.7  | 6.52  | 170.24 | 2.53  | 1.31  |
| 1998/03/28 20:00:00 | 155.42 | 8.07  | 132.26 | 3.29  | 1.3   |
| 1998/03/28 21:00:00 | 101.9  | 9.3   | 141.86 | 3.82  | 0.74  |
| 1998/03/28 22:00:00 | 77.73  | 9.91  | 141.26 | 3.93  | 0.46  |
| 1998/03/28 23:00:00 | 69.55  | 11.98 | 142.35 | 6.04  | -0.01 |
| 1998/03/29 00:00:00 | 74.91  | 11.43 | 164.37 | 6.06  | 0.22  |
| 1998/03/29 01:00:00 | 80.7   | 11.26 | 174.23 | 5.39  | 0.65  |
| 1998/03/29 02:00:00 | 85.85  | 10.77 | 151.37 | 5.16  | 0.08  |
| 1998/03/29 03:00:00 | 86.04  | 10.58 | 145.89 | 4.97  | 0.17  |
| 1998/03/29 04:00:00 | 84.38  | 9.18  | 202.51 | 3.55  | 0.53  |
| 1998/03/29 05:00:00 | 78.39  | 6.39  | 270.79 | 2.59  | 0.86  |
| 1998/03/29 06:00:00 | 81.62  | 5.14  | 369.68 | 1.69  | 1.48  |
| 1998/03/29 07:00:00 | 67.02  | 6.28  | 377.53 | 2.5   | 1.42  |
| 1998/03/29 08:00:00 | 72.15  | 6.54  | 264.59 | 3.72  | -1.17 |
| 1998/03/29 09:00:00 | 85.28  | 12.26 | 146.64 | 8.16  | -1.78 |
| 1998/03/29 10:00:00 | 103.74 | 14.94 | 158.82 | 10.1  | -2.09 |
| 1998/03/29 11:00:00 | 95.97  | 13.97 | 153.64 | 10.3  | -2.17 |
| 1998/03/29 12:00:00 | 114.27 | 13.11 | 153.18 | 9.94  | -2.27 |
| 1998/03/29 13:00:00 | 125.71 | 15.54 | 159.96 | 11.74 | -2.4  |
| 1998/03/29 14:00:00 | 124.83 | 16.49 | 155.27 | 11.87 | -1.92 |
| 1998/03/29 15:00:00 | 140.23 | 16.33 | 164.81 | 11.74 | -1.76 |
| 1998/03/29 16:00:00 | 119.5  | 14.26 | 160.03 | 10.47 | -1.52 |
| 1998/03/29 17:00:00 | 132.46 | 12.54 | 161.12 | 9.1   | -1.09 |
| 1998/03/29 18:00:00 | 129.22 | 13.36 | 165.51 | 8.1   | -0.75 |
| 1998/03/29 19:00:00 | 122.84 | 11.26 | 146.71 | 5.69  | -0.31 |
| 1998/03/29 20:00:00 | 117.23 | 10.9  | 147.38 | 5.38  | -0.24 |
| 1998/03/29 21:00:00 | 110.22 | 11.47 | 141.73 | 6.1   | -0.3  |
| 1998/03/29 22:00:00 | 91.25  | 12.58 | 138.87 | 7.16  | -0.14 |
| 1998/03/29 23:00:00 | 95.34  | 13.11 | 139.93 | 6.84  | 0.02  |
| 1998/03/30 00:00:00 | 89.63  | 11.69 | 153.16 | 5.79  | 0.05  |
| 1998/03/30 01:00:00 | 88.2   | 10.1  | 238.24 | 4.11  | 0.34  |
| 1998/03/30 02:00:00 | 93.67  | 13.03 | 143.39 | 6.8   | 0.04  |
| 1998/03/30 03:00:00 | 100.58 | 12.39 | 143.89 | 7.41  | -0.18 |
| 1998/03/30 04:00:00 | 97.95  | 10.95 | 142.74 | 6.79  | -0.4  |
| 1998/03/30 05:00:00 | 93.44  | 10.67 | 149.04 | 5.51  | -0.21 |
| 1998/03/30 06:00:00 | 110.81 | 6.81  | 201.59 | 2.89  | -0.01 |
| 1998/03/30 07:00:00 | 108.45 | 6.49  | 289.83 | 2.34  | 0.1   |
| 1998/03/30 08:00:00 | 324.23 | 9.02  | 196.35 | 4.65  | -0.99 |
| 1998/03/30 09:00:00 | 100.1  | 14.09 | 154.9  | 9.33  | -1.61 |
| 1998/03/30 10:00:00 | 76.14  | 16.14 | 148.63 | 11    | -1.97 |
| 1998/03/30 11:00:00 | 90.18  | 16.85 | 154.57 | 12.44 | -2.09 |
| 1998/03/30 12:00:00 | 119.14 | 18.47 | 160.03 | 13.15 | -2.1  |
| 1998/03/30 13:00:00 | 132.28 | 18.09 | 159.02 | 12.89 | -2.1  |
| 1998/03/30 14:00:00 | 118.69 | 19.47 | 156.31 | 13.44 | -1.8  |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/03/30 15:00:00 | 119.17 | 19.72 | 152.58 | 13.11 | -1.51 |
| 1998/03/30 16:00:00 | 122.11 | 19.02 | 147.73 | 13.07 | -1.47 |
| 1998/03/30 17:00:00 | 134.96 | 17.65 | 147.26 | 11.02 | -1    |
| 1998/03/30 18:00:00 | 124.4  | 15.75 | 143.63 | 9.49  | -0.71 |
| 1998/03/30 19:00:00 | 118.11 | 15.13 | 145.1  | 8.73  | -0.43 |
| 1998/03/30 20:00:00 | 119.66 | 13.67 | 140.23 | 7.4   | -0.33 |
| 1998/03/30 21:00:00 | 121.71 | 14.91 | 142.99 | 8.81  | -0.42 |
| 1998/03/30 22:00:00 | 117.81 | 14.97 | 149.57 | 8.2   | -0.44 |
| 1998/03/30 23:00:00 | 115.64 | 13.31 | 141.9  | 7.14  | -0.43 |
| 1998/03/31 00:00:00 | 122.03 | 10.5  | 158.38 | 6.26  | -0.51 |
| 1998/03/31 01:00:00 | 129.98 | 10.25 | 149.44 | 6.4   | -0.45 |
| 1998/03/31 02:00:00 | 127.13 | 9.86  | 155.69 | 5.75  | -0.5  |
| 1998/03/31 03:00:00 | 132.57 | 13.87 | 147.7  | 8.11  | -0.33 |
| 1998/03/31 04:00:00 | 134.78 | 13.82 | 152.72 | 8.61  | -0.31 |
| 1998/03/31 05:00:00 | 133.81 | 10.7  | 151.77 | 6.69  | -0.26 |
| 1998/03/31 06:00:00 | 125.67 | 10.01 | 166.92 | 4.85  | 0.06  |
| 1998/03/31 07:00:00 | 136.65 | 10.63 | 156.61 | 6.23  | -0.25 |
| 1998/03/31 08:00:00 | 166.99 | 9.51  | 180.2  | 6.66  | -0.52 |
| 1998/03/31 09:00:00 | 157.97 | 14.75 | 167.24 | 9.91  | -0.55 |
| 1998/03/31 10:00:00 | 291.64 | 13.81 | 298.37 | 7.41  | 0.68  |
| 1998/03/31 11:00:00 | 294.27 | 11.22 | 320.54 | 6.46  | 2.29  |
| 1998/03/31 12:00:00 | 266.06 | 7.02  | 307.15 | 3.71  | 1.72  |
| 1998/03/31 13:00:00 | 338.71 | 4.78  | 348.24 | 3.38  | 1.41  |
| 1998/03/31 14:00:00 | 276.33 | 2.82  | 339.16 | 2.66  | -0.21 |
| 1998/03/31 15:00:00 | 111.95 | 2.35  | 166.36 | 2.2   | -0.96 |
| 1998/03/31 16:00:00 | 102.41 | 3.16  | 154.71 | 2.77  | -1.16 |
| 1998/03/31 17:00:00 | 160.95 | 3.55  | 169.13 | 3.35  | -1.18 |
| 1998/03/31 18:00:00 | 120.1  | 4.58  | 138.99 | 3.33  | -0.83 |
| 1998/03/31 19:00:00 | 86.25  | 6.36  | 109.07 | 2.55  | 0.32  |
| 1998/03/31 20:00:00 | 79.77  | 7.45  | 149.54 | 2.78  | 0.8   |
| 1998/03/31 21:00:00 | 101.74 | 8.5   | 116.38 | 3.73  | 1.14  |
| 1998/03/31 22:00:00 | 92.52  | 7.59  | 136.32 | 3.42  | 1.22  |
| 1998/03/31 23:00:00 | 146.68 | 8.12  | 152.33 | 4.64  | 0.78  |
| 1998/04/01 00:00:00 | 132.18 | 5.71  | 295.15 | 1.59  | 2.17  |
| 1998/04/01 01:00:00 | 84.34  | 5.81  | 237.74 | 2.09  | 2.68  |
| 1998/04/01 02:00:00 | 116.24 | 7.44  | 140.2  | 2.81  | 3.09  |
| 1998/04/01 03:00:00 | 109.59 | 7.18  | 87.35  | 1.93  | 3.18  |
| 1998/04/01 04:00:00 | 113.46 | 7.08  | 98.22  | 2.11  | 3.51  |
| 1998/04/01 05:00:00 | 134.03 | 6.51  | 102.85 | 2.12  | 3.3   |
| 1998/04/01 06:00:00 | 135.78 | 6.68  | 75.21  | 2.1   | 4.68  |
| 1998/04/01 07:00:00 | 120.31 | 6.27  | 69.72  | 2.08  | 5.57  |
| 1998/04/01 08:00:00 | 95.38  | 5.59  | 93.12  | 2.23  | 2.54  |
| 1998/04/01 09:00:00 | 98.74  | 4.32  | 135.06 | 3.09  | -0.98 |
| 1998/04/01 10:00:00 | NaN    | 4.2   | 146.87 | 4     | -1.68 |
| 1998/04/01 11:00:00 | NaN    | 5.37  | 217.66 | 4.76  | -2.36 |
| 1998/04/01 12:00:00 | NaN    | 6.13  | 227.65 | 5.37  | -2.3  |
| 1998/04/01 13:00:00 | NaN    | 6.94  | 229.24 | 5.62  | -2.56 |
| 1998/04/01 14:00:00 | NaN    | 7.54  | 229.73 | 6.15  | -2.3  |
| 1998/04/01 15:00:00 | NaN    | 7.92  | 225.61 | 6.57  | -1.36 |
| 1998/04/01 16:00:00 | NaN    | 7.03  | 226.92 | 5.68  | -1.49 |
| 1998/04/01 17:00:00 | NaN    | 6.66  | NaN    | NaN   | NaN   |
| 1998/04/01 18:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/04/01 19:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/04/01 20:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/04/01 21:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/04/01 22:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |

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|                     |        |       |        |       |
|---------------------|--------|-------|--------|-------|
| 1998/04/01 23:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 00:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 01:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 02:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 03:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 04:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 05:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 06:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 07:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 08:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 09:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 10:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 11:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 12:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 13:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 14:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 15:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 16:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 17:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/04/02 18:00:00 | NaN    | 10.01 | 330.26 | 5.5   |
| 1998/04/02 19:00:00 | NaN    | 10.28 | 268.63 | 5.17  |
| 1998/04/02 20:00:00 | NaN    | 10.74 | 378.5  | 5.11  |
| 1998/04/02 21:00:00 | NaN    | 10.65 | 233.55 | 5.12  |
| 1998/04/02 22:00:00 | NaN    | 10.26 | 254.51 | 4.95  |
| 1998/04/02 23:00:00 | NaN    | 9.59  | 187.02 | 4.29  |
| 1998/04/03 00:00:00 | NaN    | 9.88  | 137.06 | 5.22  |
| 1998/04/03 01:00:00 | 112.11 | 10.3  | 166.79 | 6.42  |
| 1998/04/03 02:00:00 | 126.32 | 11.41 | 185.88 | 7.77  |
| 1998/04/03 03:00:00 | 108.93 | 11.66 | 206.6  | 7.77  |
| 1998/04/03 04:00:00 | 151.84 | 13.01 | 217.6  | 8.38  |
| 1998/04/03 05:00:00 | 173.77 | 11.67 | 213.46 | 7.59  |
| 1998/04/03 06:00:00 | 175.38 | 12.43 | 219.07 | 7.54  |
| 1998/04/03 07:00:00 | 188.06 | 11.45 | 217.18 | 7.55  |
| 1998/04/03 08:00:00 | 182.81 | 12.28 | 212.2  | 8.44  |
| 1998/04/03 09:00:00 | 184.18 | 14.48 | 211.42 | 10.64 |
| 1998/04/03 10:00:00 | 182.95 | 15.25 | 211.59 | 10.7  |
| 1998/04/03 11:00:00 | 189.83 | 15.67 | 213.45 | 11.01 |
| 1998/04/03 12:00:00 | 192.95 | 16.85 | 218.82 | 11.93 |
| 1998/04/03 13:00:00 | 194.08 | 18.4  | 214.99 | 12.97 |
| 1998/04/03 14:00:00 | 195.63 | 18.85 | 215.94 | 13.22 |
| 1998/04/03 15:00:00 | 177.13 | 19.18 | 227.05 | 11.02 |
| 1998/04/03 16:00:00 | NaN    | 20.39 | 239.96 | 9.61  |
| 1998/04/03 17:00:00 | NaN    | 20.51 | 242.91 | 8.49  |
| 1998/04/03 18:00:00 | 217.01 | 16.7  | 270.36 | 6.21  |
| 1998/04/03 19:00:00 | 236.29 | 11.29 | 245.32 | 3.64  |
| 1998/04/03 20:00:00 | 211.94 | 10.13 | 264.5  | 2.9   |
| 1998/04/03 21:00:00 | 229.76 | 11.05 | 271.6  | 3.57  |
| 1998/04/03 22:00:00 | 250.97 | 10.58 | 290.09 | 3.54  |
| 1998/04/03 23:00:00 | 229.18 | 10.49 | 285.95 | 3.59  |
| 1998/04/04 00:00:00 | 140.16 | 11.88 | 292.86 | 5.59  |
| 1998/04/04 01:00:00 | 222.44 | 12.3  | 325.28 | 7.19  |
| 1998/04/04 02:00:00 | 216.81 | 13.03 | 333.79 | 7.75  |
| 1998/04/04 03:00:00 | NaN    | 12.05 | 324.84 | 6.92  |
| 1998/04/04 04:00:00 | NaN    | 13.02 | 329.95 | 7.36  |
| 1998/04/04 05:00:00 | NaN    | 9.4   | 322.48 | 4.87  |
| 1998/04/04 06:00:00 | 110.22 | 9.14  | 326.21 | 4.99  |



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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/04/04 07:00:00 | 267.52 | 9.95  | 336.38 | 6.08 | -0.68 |
| 1998/04/04 08:00:00 | 116.62 | 9.81  | 333.81 | 6.72 | -1.37 |
| 1998/04/04 09:00:00 | NaN    | 9.13  | 337.27 | 6.92 | -1.64 |
| 1998/04/04 10:00:00 | 210.77 | 8.98  | 327.27 | 6.06 | -1.79 |
| 1998/04/04 11:00:00 | 217.9  | 8.77  | 337.13 | 6.37 | -1.31 |
| 1998/04/04 12:00:00 | 161.39 | 10.35 | 347.44 | 7.44 | -1.58 |
| 1998/04/04 13:00:00 | NaN    | 11.42 | 362.11 | 8.51 | -1.61 |
| 1998/04/04 14:00:00 | 239.25 | 11.3  | 356.32 | 8.69 | -1.75 |
| 1998/04/04 15:00:00 | 303.06 | 11.75 | 339.45 | 8.58 | -1.77 |
| 1998/04/04 16:00:00 | 299.35 | 12.96 | 327.63 | 8.66 | -1.92 |
| 1998/04/04 17:00:00 | 287.04 | 10.76 | 332.66 | 7.31 | -1.44 |
| 1998/04/04 18:00:00 | 211.1  | 9.5   | 355.17 | 6.62 | -0.98 |
| 1998/04/04 19:00:00 | 110.54 | 10.13 | 369.75 | 6.41 | -0.58 |
| 1998/04/04 20:00:00 | 185.87 | 10.41 | 367.38 | 6.41 | -0.53 |
| 1998/04/04 21:00:00 | 244.83 | 8.9   | 360.79 | 5.46 | -0.49 |
| 1998/04/04 22:00:00 | 311.32 | 8.84  | 381.68 | 5.78 | -0.56 |
| 1998/04/04 23:00:00 | 321.25 | 7.73  | 389.35 | 4.57 | -0.38 |
| 1998/04/05 00:00:00 | 154.6  | 7.22  | 392.79 | 3.5  | -0.06 |
| 1998/04/05 01:00:00 | 277.15 | 7.47  | 385.98 | 3.3  | 0.46  |
| 1998/04/05 02:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/04/05 03:00:00 | 331.3  | 7.86  | 392.79 | 3.14 | 0.47  |
| 1998/04/05 04:00:00 | 338.03 | 7.33  | 393.83 | 2.23 | 1.42  |
| 1998/04/05 05:00:00 | 340.91 | 7.42  | 379.44 | 2.59 | 1.57  |
| 1998/04/05 06:00:00 | 343.85 | 8.61  | 385.49 | 3.06 | 1.47  |
| 1998/04/05 07:00:00 | 342.17 | 8.46  | 377.78 | 3.11 | 1.42  |
| 1998/04/05 08:00:00 | 294.7  | 7.79  | 387.1  | 3.12 | 0.53  |
| 1998/04/05 09:00:00 | 186.36 | 7.28  | 387.31 | 4.98 | -1.38 |
| 1998/04/05 10:00:00 | 241.57 | 8.22  | 395.45 | 6.11 | -1.86 |
| 1998/04/05 11:00:00 | 158.96 | 5.91  | 339.45 | 4.95 | -2.12 |
| 1998/04/05 12:00:00 | 140.28 | 8.08  | 270.78 | 6.18 | -2.74 |
| 1998/04/05 13:00:00 | 106.92 | 7.09  | 260.56 | 5.74 | -2.7  |
| 1998/04/05 14:00:00 | 114.52 | 6.24  | 269.46 | 5.26 | -2.64 |
| 1998/04/05 15:00:00 | 250.27 | 5.74  | 280.75 | 5.19 | -2.04 |
| 1998/04/05 16:00:00 | 233.05 | 5.74  | 286.33 | 4.98 | -1.78 |
| 1998/04/05 17:00:00 | 54.11  | 5.51  | 285.78 | 4.34 | -1.61 |
| 1998/04/05 18:00:00 | 163.13 | 4.68  | 299.54 | 4.06 | -1.46 |
| 1998/04/05 19:00:00 | 174.19 | 3.3   | 346.34 | 2.52 | -1.04 |
| 1998/04/05 20:00:00 | NaN    | 3.91  | 397.44 | 2.56 | 3.21  |
| 1998/04/05 21:00:00 | NaN    | 5.76  | 413.07 | 3.14 | 5.87  |
| 1998/04/05 22:00:00 | 240.06 | 5.33  | 417.01 | 3.2  | 9.65  |
| 1998/04/05 23:00:00 | 195.28 | 5.26  | 416.56 | 2.89 | 10.83 |
| 1998/04/06 00:00:00 | 236.42 | 2.58  | 420.69 | 2.74 | 9.66  |
| 1998/04/06 01:00:00 | 387.26 | 4.5   | 450.62 | 1.82 | 3.75  |
| 1998/04/06 02:00:00 | 6.41   | 6.42  | 113.1  | 1.75 | 4.31  |
| 1998/04/06 03:00:00 | 6.54   | 6.33  | 68.2   | 1.96 | 6.49  |
| 1998/04/06 04:00:00 | NaN    | 6.04  | 66.22  | 2.27 | 6.85  |
| 1998/04/06 05:00:00 | NaN    | 7.59  | 135.03 | 1.98 | 5.07  |
| 1998/04/06 06:00:00 | NaN    | 7.44  | 117.11 | 2.57 | 3.7   |
| 1998/04/06 07:00:00 | NaN    | 12.6  | 283.83 | 3.04 | 5.62  |
| 1998/04/06 08:00:00 | NaN    | 11.39 | 285.59 | 2.64 | 2.73  |
| 1998/04/06 09:00:00 | NaN    | 6.11  | 135.1  | 3    | -0.9  |
| 1998/04/06 10:00:00 | NaN    | 3.81  | 146.76 | 3.55 | -1.64 |
| 1998/04/06 11:00:00 | 62.07  | 3.1   | 202.17 | 3.31 | -1.98 |
| 1998/04/06 12:00:00 | 109.41 | 4.68  | 251.47 | 4.27 | -2.02 |
| 1998/04/06 13:00:00 | 102.48 | 7.28  | 196.78 | 6.08 | -1.9  |
| 1998/04/06 14:00:00 | 278.77 | 8.64  | 215.4  | 6.69 | -1.91 |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/04/06 15:00:00 | 278.77 | 8.64  | 215.4  | 6.69  | -1.91 |
| 1998/04/06 16:00:00 | 114.57 | 9.82  | 170.07 | 6.87  | -1.77 |
| 1998/04/06 17:00:00 | 103.41 | 10.18 | 147.87 | 6.98  | -1.15 |
| 1998/04/06 18:00:00 | 107.19 | 11.22 | 153.64 | 7.84  | -0.98 |
| 1998/04/06 19:00:00 | 101.24 | 11.21 | 145.19 | 6.81  | -0.62 |
| 1998/04/06 20:00:00 | 116.14 | 9.98  | 159.72 | 5.5   | -0.08 |
| 1998/04/06 21:00:00 | 125.49 | 10.6  | 163.43 | 6.07  | 0.06  |
| 1998/04/06 22:00:00 | NaN    | 10.07 | 166.38 | 6.44  | -0.08 |
| 1998/04/06 23:00:00 | NaN    | 9.59  | 164.94 | 6.05  | -0.1  |
| 1998/04/07 00:00:00 | NaN    | 10.9  | 170.92 | 6.62  | -0.17 |
| 1998/04/07 01:00:00 | 33.34  | 13.95 | 154.6  | 8.76  | -0.09 |
| 1998/04/07 02:00:00 | 105.56 | 12.45 | 136.61 | 6.6   | 0.08  |
| 1998/04/07 03:00:00 | 26.53  | 11.96 | 146.48 | 7.13  | 0.02  |
| 1998/04/07 04:00:00 | 52.67  | 11.14 | 149.94 | 5.87  | 0.03  |
| 1998/04/07 05:00:00 | 66.77  | 9.7   | 143.53 | 4.33  | 0.44  |
| 1998/04/07 06:00:00 | NaN    | 10.47 | 187.27 | 4.44  | 0.98  |
| 1998/04/07 07:00:00 | 66.72  | 7.65  | 174.23 | 4.25  | 0.76  |
| 1998/04/07 08:00:00 | 53.59  | 10.02 | 158.44 | 6.01  | 0.18  |
| 1998/04/07 09:00:00 | 38.19  | 14.13 | 161.43 | 9.45  | -0.51 |
| 1998/04/07 10:00:00 | 100.85 | 11    | 177.66 | 8.37  | -1.27 |
| 1998/04/07 11:00:00 | 132.39 | 9.25  | 208.5  | 6.63  | -1.23 |
| 1998/04/07 12:00:00 | 194.92 | 11.89 | 211.34 | 8.39  | -1.88 |
| 1998/04/07 13:00:00 | 199.23 | 14.17 | 208.4  | 10.7  | -2.5  |
| 1998/04/07 14:00:00 | 196.79 | 15.29 | 207.56 | 11.42 | -2.47 |
| 1998/04/07 15:00:00 | 199.82 | 14.13 | 209.41 | 10.56 | -2.25 |
| 1998/04/07 16:00:00 | 191.66 | 15.21 | 203.68 | 11.53 | -1.82 |
| 1998/04/07 17:00:00 | 188.22 | 13.84 | 196.61 | 10.68 | -1.51 |
| 1998/04/07 18:00:00 | 192.34 | 13.94 | 205.52 | 10.08 | -1.17 |
| 1998/04/07 19:00:00 | 147.5  | 7.1   | 198.77 | 5.02  | -0.62 |
| 1998/04/07 20:00:00 | NaN    | 7.76  | 157.76 | 3.77  | 0.33  |
| 1998/04/07 21:00:00 | NaN    | 8.5   | 141.22 | 2.89  | 1.69  |
| 1998/04/07 22:00:00 | 91.83  | 10.94 | 211.3  | 4.47  | 1.28  |
| 1998/04/07 23:00:00 | 84.83  | 11.94 | 146.64 | 6.85  | 0.39  |
| 1998/04/08 00:00:00 | 47.74  | 12.89 | 152.35 | 8.61  | 0.02  |
| 1998/04/08 01:00:00 | 95.14  | 11.81 | 151.34 | 7.36  | 0.6   |
| 1998/04/08 02:00:00 | 85.81  | 10.35 | 141.39 | 5.24  | 0.8   |
| 1998/04/08 03:00:00 | 82.53  | 7.87  | 131.06 | 3.77  | 0.83  |
| 1998/04/08 04:00:00 | 53.58  | 6.21  | 232.62 | 2.74  | 0.85  |
| 1998/04/08 05:00:00 | 69.8   | 6.45  | 170.11 | 3.76  | 0.83  |
| 1998/04/08 06:00:00 | 203.82 | 6.92  | 170.59 | 3.76  | 1.18  |
| 1998/04/08 07:00:00 | 1.19   | 9.12  | 156.17 | 5.36  | 1.29  |
| 1998/04/08 08:00:00 | 49.94  | 6.7   | 178.56 | 4.56  | 0.27  |
| 1998/04/08 09:00:00 | 78.59  | 4.7   | 211.94 | 3.1   | -0.78 |
| 1998/04/08 10:00:00 | 123.3  | 7.68  | 224.39 | 5.53  | -1.52 |
| 1998/04/08 11:00:00 | 142.16 | 5.07  | 216.53 | 4.13  | -1.25 |
| 1998/04/08 12:00:00 | 93.93  | 5.3   | 220.59 | 4.73  | -2.24 |
| 1998/04/08 13:00:00 | 146.82 | 7.44  | 230.61 | 5.71  | -2.73 |
| 1998/04/08 14:00:00 | 190.88 | 7.58  | 226.41 | 6.36  | -2.49 |
| 1998/04/08 15:00:00 | 169.62 | 10.48 | 214.12 | 7.59  | -2.1  |
| 1998/04/08 16:00:00 | 172.14 | 10.38 | 218.85 | 7.23  | -1.66 |
| 1998/04/08 17:00:00 | 159.98 | 10.74 | 213.71 | 7.87  | -1.55 |
| 1998/04/08 18:00:00 | 177.98 | 11.48 | 203.67 | 8.08  | -0.91 |
| 1998/04/08 19:00:00 | 224.38 | 11.77 | 232.65 | 5.4   | -0.1  |
| 1998/04/08 20:00:00 | 159.46 | 12.66 | 251.82 | 3.81  | 0.72  |
| 1998/04/08 21:00:00 | 104.51 | 14.44 | 247.31 | 4.47  | 0.81  |
| 1998/04/08 22:00:00 | 201.09 | 19.05 | 255.13 | 6.93  | 0.29  |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/04/08 23:00:00 | 210.63 | 17.33 | 278.8  | 7.32 | -0.04 |
| 1998/04/09 00:00:00 | 215.75 | 16.14 | 269.96 | 6.55 | 0.03  |
| 1998/04/09 01:00:00 | 166.62 | 12.63 | 237.14 | 4.5  | 0.39  |
| 1998/04/09 02:00:00 | 94.75  | 11.11 | 255.62 | 3.17 | 0.43  |
| 1998/04/09 03:00:00 | 18.13  | 9.76  | 265.68 | 3.2  | 0.32  |
| 1998/04/09 04:00:00 | NaN    | 9.29  | 243.42 | 3.06 | 0.3   |
| 1998/04/09 05:00:00 | NaN    | 7.66  | 269.94 | 2.32 | 0.33  |
| 1998/04/09 06:00:00 | 44.5   | 11.02 | 290.87 | 4.65 | -0.03 |
| 1998/04/09 07:00:00 | 33.5   | 13.1  | 309.27 | 6.3  | -0.26 |
| 1998/04/09 08:00:00 | 72.95  | 10.46 | 290.71 | 4.85 | -0.82 |
| 1998/04/09 09:00:00 | NaN    | 10.39 | 269.07 | 4.85 | -2.04 |
| 1998/04/09 10:00:00 | NaN    | 11.15 | 274.83 | 5.7  | -2.48 |
| 1998/04/09 11:00:00 | NaN    | 10.17 | 268    | 5.73 | -2.87 |
| 1998/04/09 12:00:00 | NaN    | 9.84  | 268.51 | 6.11 | -2.98 |
| 1998/04/09 13:00:00 | 83.72  | 9.87  | 266.03 | 6.24 | -2.96 |
| 1998/04/09 14:00:00 | 128.75 | 12.08 | 275.12 | 6.81 | -3.2  |
| 1998/04/09 15:00:00 | 145.17 | 11.96 | 270.42 | 6.64 | -2.63 |
| 1998/04/09 16:00:00 | 163.34 | 11.21 | 267.39 | 6.02 | -1.82 |
| 1998/04/09 17:00:00 | 113.46 | 10.83 | 274.33 | 5.52 | -1.81 |
| 1998/04/09 18:00:00 | 249.57 | 10.19 | 300.21 | 5.61 | -1.52 |
| 1998/04/09 19:00:00 | 237.25 | 10.84 | 280.93 | 5.11 | -0.88 |
| 1998/04/09 20:00:00 | 238.88 | 9.51  | 319.29 | 3.48 | 0.16  |
| 1998/04/09 21:00:00 | 31.89  | 8.91  | 336.8  | 2.38 | 0.71  |
| 1998/04/09 22:00:00 | NaN    | 9.57  | 291.05 | 3.07 | 0.65  |
| 1998/04/09 23:00:00 | NaN    | 9.97  | 253.36 | 3.06 | 0.52  |
| 1998/04/10 00:00:00 | 69.23  | 10.25 | 286.59 | 4.11 | 0.36  |
| 1998/04/10 01:00:00 | 157.21 | 9.74  | 350.99 | 5.95 | -0.2  |
| 1998/04/10 02:00:00 | NaN    | 8.28  | 354.45 | 4.38 | -0.19 |
| 1998/04/10 03:00:00 | NaN    | 6.59  | 338.8  | 3.02 | 0.08  |
| 1998/04/10 04:00:00 | NaN    | 6.45  | 326.6  | 2.03 | 0.21  |
| 1998/04/10 05:00:00 | NaN    | 7.01  | 360.85 | 2.26 | 0.44  |
| 1998/04/10 06:00:00 | NaN    | 5.64  | 372.41 | 2.1  | 0.51  |
| 1998/04/10 07:00:00 | NaN    | 5.72  | 370.88 | 2.25 | 0.59  |
| 1998/04/10 08:00:00 | NaN    | 8.88  | 349.75 | 4.2  | -0.18 |
| 1998/04/10 09:00:00 | NaN    | 11.22 | 327.11 | 6.37 | -1.81 |
| 1998/04/10 10:00:00 | NaN    | 11.29 | 321.53 | 7.32 | -2.21 |
| 1998/04/10 11:00:00 | NaN    | 13.14 | 332.13 | 8.58 | -2.25 |
| 1998/04/10 12:00:00 | NaN    | 13.56 | 332.77 | 8.85 | -2.41 |
| 1998/04/10 13:00:00 | NaN    | 13.79 | 317.14 | 8.7  | -2.89 |
| 1998/04/10 14:00:00 | NaN    | 13.8  | 328.68 | 8.9  | -2.66 |
| 1998/04/10 15:00:00 | NaN    | 12.57 | 327.37 | 8.19 | -2.3  |
| 1998/04/10 16:00:00 | NaN    | 13.66 | 326.12 | 8.84 | -1.6  |
| 1998/04/10 17:00:00 | NaN    | 13.52 | 329.24 | 8.67 | -1.57 |
| 1998/04/10 18:00:00 | NaN    | 11.48 | 356.31 | 7.91 | -1.34 |
| 1998/04/10 19:00:00 | NaN    | 10.87 | 366.29 | 7.12 | -0.85 |
| 1998/04/10 20:00:00 | NaN    | 7.84  | 376.38 | 3.9  | 0.01  |
| 1998/04/10 21:00:00 | NaN    | 7.65  | 396.43 | 2.62 | 2.24  |
| 1998/04/10 22:00:00 | NaN    | 7.4   | 405.95 | 2.58 | 4.34  |
| 1998/04/10 23:00:00 | NaN    | 5.79  | 416.47 | 3.09 | 6.77  |
| 1998/04/11 00:00:00 | NaN    | 5.15  | 420.11 | 3.15 | 7.88  |
| 1998/04/11 01:00:00 | NaN    | 5.94  | 121.98 | 2.35 | 8.46  |
| 1998/04/11 02:00:00 | NaN    | 5.26  | 54.22  | 2.56 | 10.47 |
| 1998/04/11 03:00:00 | NaN    | 4.27  | 59.61  | 2.38 | 8.23  |
| 1998/04/11 04:00:00 | NaN    | 4.08  | 61.49  | 2.45 | 7.4   |
| 1998/04/11 05:00:00 | NaN    | 4.02  | 70.22  | 1.81 | 8.04  |
| 1998/04/11 06:00:00 | NaN    | 4.21  | 60.59  | 2.68 | 9.05  |

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|                            |       |        |       |       |
|----------------------------|-------|--------|-------|-------|
| 1998/04/11 07:00:00 NaN    | 3.57  | 58.42  | 2.06  | 10.28 |
| 1998/04/11 08:00:00 NaN    | 3.89  | 105.37 | 2.1   | 9.13  |
| 1998/04/11 09:00:00 NaN    | 3.75  | 321.59 | 1.89  | 2.96  |
| 1998/04/11 10:00:00 NaN    | 3.1   | 221.08 | 3.02  | -1.52 |
| 1998/04/11 11:00:00 NaN    | 3.61  | 274.37 | 3.46  | -2.37 |
| 1998/04/11 12:00:00 NaN    | 6.64  | 275.29 | 5.16  | -2.59 |
| 1998/04/11 13:00:00 NaN    | 7.7   | 290.67 | 5.77  | -2.8  |
| 1998/04/11 14:00:00 NaN    | 6.79  | 259.69 | 5.5   | -2.48 |
| 1998/04/11 15:00:00 NaN    | 5.71  | 270.93 | 4.93  | -1.75 |
| 1998/04/11 16:00:00 NaN    | 6.51  | 305.24 | 5.16  | -1.11 |
| 1998/04/11 17:00:00 NaN    | 5.33  | 292.38 | 4.31  | -1.52 |
| 1998/04/11 18:00:00 34     | 3.88  | 318.52 | 3.24  | -1.51 |
| 1998/04/11 19:00:00 250.92 | 1.82  | 351.37 | 1.81  | -0.2  |
| 1998/04/11 20:00:00 NaN    | 2.73  | 409.07 | 3.04  | 6.14  |
| 1998/04/11 21:00:00 NaN    | 5.28  | 425.7  | 3.06  | 10    |
| 1998/04/11 22:00:00 NaN    | 6.07  | 431.88 | 3.41  | 10.9  |
| 1998/04/11 23:00:00 NaN    | 8.92  | 448.99 | 2.59  | 7.35  |
| 1998/04/12 00:00:00 NaN    | 9.52  | 420.8  | 2.67  | 6.49  |
| 1998/04/12 01:00:00 NaN    | 9.7   | 115.72 | 4.13  | 3.21  |
| 1998/04/12 02:00:00 NaN    | 10    | 276.87 | 3.91  | 3.87  |
| 1998/04/12 03:00:00 NaN    | 9.74  | 415.27 | 3.34  | 2.54  |
| 1998/04/12 04:00:00 61.65  | 9.02  | 143.58 | 3.56  | 5.12  |
| 1998/04/12 05:00:00 NaN    | 7.49  | 66.81  | 2.58  | 8.15  |
| 1998/04/12 06:00:00 NaN    | 7.35  | 177.51 | 2.33  | 9.4   |
| 1998/04/12 07:00:00 NaN    | 7.61  | 435.24 | 3.5   | 8.92  |
| 1998/04/12 08:00:00 NaN    | 10.43 | 389.92 | 3.77  | 4.12  |
| 1998/04/12 09:00:00 NaN    | 8.92  | 101.86 | 4.22  | -0.49 |
| 1998/04/12 10:00:00 NaN    | 5.92  | 286.7  | 3.8   | -1.82 |
| 1998/04/12 11:00:00 NaN    | 7.5   | 209.23 | 5.45  | -2.06 |
| 1998/04/12 12:00:00 NaN    | 13.49 | 152.15 | 10.32 | -2.19 |
| 1998/04/12 13:00:00 51.87  | 12.94 | 164.67 | 9.85  | -2.31 |
| 1998/04/12 14:00:00 NaN    | 14.23 | 155.68 | 10.7  | -2.34 |
| 1998/04/12 15:00:00 NaN    | 14.13 | 160.06 | 10.29 | -2.09 |
| 1998/04/12 16:00:00 133.29 | 13.27 | 158.32 | 9.85  | -1.53 |
| 1998/04/12 17:00:00 NaN    | 15.16 | 159.78 | 11.06 | -1.48 |
| 1998/04/12 18:00:00 NaN    | 14.19 | 151.85 | 9.74  | -1.21 |
| 1998/04/12 19:00:00 NaN    | 13.6  | 151    | 8.49  | -0.72 |
| 1998/04/12 20:00:00 NaN    | 11.64 | 148.7  | 6.63  | -0.14 |
| 1998/04/12 21:00:00 NaN    | 11.81 | 149.7  | 6.83  | -0.05 |
| 1998/04/12 22:00:00 NaN    | 13.2  | 160.99 | 7.74  | -0.21 |
| 1998/04/12 23:00:00 NaN    | 12.54 | 154.28 | 7.49  | -0.25 |
| 1998/04/13 00:00:00 40.24  | 10.28 | 148.79 | 5.74  | -0.15 |
| 1998/04/13 01:00:00 29.68  | 8.14  | 133.94 | 3.17  | 0.29  |
| 1998/04/13 02:00:00 80.25  | 7.17  | 330.79 | 2.13  | 0.36  |
| 1998/04/13 03:00:00 81.09  | 8.56  | 323.57 | 3.32  | -0.24 |
| 1998/04/13 04:00:00 80.96  | 10.55 | 292.38 | 4.25  | -0.12 |
| 1998/04/13 05:00:00 76.82  | 9.83  | 224    | 3.6   | 0.14  |
| 1998/04/13 06:00:00 74.71  | 9.11  | 262.84 | 3.23  | 0.42  |
| 1998/04/13 07:00:00 67.3   | 6.74  | 364.23 | 2.48  | 0.81  |
| 1998/04/13 08:00:00 74.77  | 5.29  | 328.96 | 2.03  | 0.25  |
| 1998/04/13 09:00:00 99.26  | 5.89  | 170.41 | 3.29  | -1.04 |
| 1998/04/13 10:00:00 NaN    | 7.03  | 130.7  | 4.39  | -1.31 |
| 1998/04/13 11:00:00 NaN    | 7.89  | 154.41 | 5.29  | -1.02 |
| 1998/04/13 12:00:00 67.02  | 8.31  | 159.38 | 6.1   | -1.41 |
| 1998/04/13 13:00:00 86.93  | 9.8   | 171.94 | 7.11  | -0.95 |
| 1998/04/13 14:00:00 115.55 | 7.89  | 171.26 | 5.18  | -0.57 |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/04/13 15:00:00 | 88.69  | 8.73  | 167.56 | 5.59  | -0.58 |
| 1998/04/13 16:00:00 | 124.84 | 8.19  | 182.83 | 5.76  | -0.45 |
| 1998/04/13 17:00:00 | 103.86 | 7.42  | 182.2  | 4.56  | 0.11  |
| 1998/04/13 18:00:00 | 117.15 | 10.9  | 180.72 | 7.31  | -0.02 |
| 1998/04/13 19:00:00 | 50.07  | 8.2   | 153.99 | 4.5   | 0.73  |
| 1998/04/13 20:00:00 | 77.77  | 7.07  | 165.96 | 3.98  | 0.53  |
| 1998/04/13 21:00:00 | NaN    | 7.3   | 145.73 | 2.43  | 0.9   |
| 1998/04/13 22:00:00 | NaN    | 6.28  | 153.6  | 2.49  | 0.59  |
| 1998/04/13 23:00:00 | NaN    | 6.95  | 199.58 | 2.39  | 0.69  |
| 1998/04/14 00:00:00 | NaN    | 7.94  | 166.45 | 3.35  | 0.99  |
| 1998/04/14 01:00:00 | 31.77  | 8.42  | 169.83 | 5.49  | 0.82  |
| 1998/04/14 02:00:00 | 66.28  | 8.19  | 181.1  | 5.27  | 0.76  |
| 1998/04/14 03:00:00 | 148.82 | 7.57  | 185.72 | 4.93  | 0.73  |
| 1998/04/14 04:00:00 | 138.04 | 7.58  | 178.96 | 5.09  | 0.86  |
| 1998/04/14 05:00:00 | 153.39 | 8.05  | 176.1  | 5.46  | 0.72  |
| 1998/04/14 06:00:00 | 160.59 | 7     | 177.28 | 4.73  | 0.97  |
| 1998/04/14 07:00:00 | 163.04 | 6.47  | 179.68 | 4.33  | 0.85  |
| 1998/04/14 08:00:00 | 158.82 | 6.92  | 171.1  | 4.55  | 0.64  |
| 1998/04/14 09:00:00 | 171.38 | 8.5   | 182.86 | 6.24  | -0.69 |
| 1998/04/14 10:00:00 | 190.44 | 10.71 | 199.17 | 8.22  | -1.34 |
| 1998/04/14 11:00:00 | 198.02 | 12.19 | 204.14 | 8.82  | -1.58 |
| 1998/04/14 12:00:00 | 212.46 | 12.25 | 218.71 | 8.49  | -2.02 |
| 1998/04/14 13:00:00 | 212.63 | 9.88  | 221.7  | 7.15  | -2.68 |
| 1998/04/14 14:00:00 | 186.11 | 10.43 | 196.46 | 8.66  | -2.35 |
| 1998/04/14 15:00:00 | 181.56 | 9.7   | 189.43 | 7.91  | -1.7  |
| 1998/04/14 16:00:00 | 184.74 | 12.66 | 192.16 | 9.61  | -1.52 |
| 1998/04/14 17:00:00 | 179.07 | 10.32 | 186.15 | 8.16  | -1.46 |
| 1998/04/14 18:00:00 | 166.61 | 9.89  | 172.45 | 7.98  | -1.14 |
| 1998/04/14 19:00:00 | 161.26 | 8.34  | 165.89 | 6.01  | -0.68 |
| 1998/04/14 20:00:00 | 149.45 | 7.62  | 143.52 | 3.78  | 0.28  |
| 1998/04/14 21:00:00 | 140.54 | 8.64  | 153.86 | 3.31  | 1.36  |
| 1998/04/14 22:00:00 | 148.88 | 10.32 | 160.41 | 5.73  | 0.18  |
| 1998/04/14 23:00:00 | 150.42 | 12.04 | 165.34 | 7.48  | -0.05 |
| 1998/04/15 00:00:00 | 155.97 | 10.98 | 169.03 | 7.25  | 0.06  |
| 1998/04/15 01:00:00 | 153.05 | 11.94 | 169.75 | 8.04  | 0.21  |
| 1998/04/15 02:00:00 | 150.26 | 11.86 | 166.8  | 7.93  | 0.11  |
| 1998/04/15 03:00:00 | 155.45 | 9.67  | 167.3  | 6.75  | -0.25 |
| 1998/04/15 04:00:00 | 155.77 | 9.13  | 167.97 | 6.16  | -0.3  |
| 1998/04/15 05:00:00 | 152.92 | 9.09  | 162.16 | 5.93  | -0.05 |
| 1998/04/15 06:00:00 | 149.4  | 10.22 | 160.56 | 6.31  | 0.02  |
| 1998/04/15 07:00:00 | 147.85 | 10.65 | 158.12 | 6.87  | -0.07 |
| 1998/04/15 08:00:00 | 141.24 | 10.41 | 151.82 | 6.66  | -0.21 |
| 1998/04/15 09:00:00 | 147.65 | 11.54 | 158.94 | 7.87  | -0.71 |
| 1998/04/15 10:00:00 | 157.27 | 11.34 | 169.76 | 8.62  | -1.13 |
| 1998/04/15 11:00:00 | 154.29 | 13.46 | 165.57 | 9.85  | -1.55 |
| 1998/04/15 12:00:00 | 150.34 | 15.3  | 160.15 | 10.89 | -1.83 |
| 1998/04/15 13:00:00 | 150.82 | 13.76 | 163.9  | 10.11 | -1.65 |
| 1998/04/15 14:00:00 | 162.15 | 12.9  | 170.14 | 9.73  | -1.42 |
| 1998/04/15 15:00:00 | 153.43 | 12.86 | 166.82 | 8.99  | -1.51 |
| 1998/04/15 16:00:00 | 156.81 | 10.42 | 166.36 | 7.58  | -1.24 |
| 1998/04/15 17:00:00 | 144.47 | 11.6  | 163.57 | 8.02  | -1.17 |
| 1998/04/15 18:00:00 | 151.7  | 10.79 | 164.35 | 7.59  | -0.94 |
| 1998/04/15 19:00:00 | 145.02 | 9.34  | 161.09 | 6.08  | -0.64 |
| 1998/04/15 20:00:00 | 147.12 | 10.48 | 160.54 | 6.42  | -0.24 |
| 1998/04/15 21:00:00 | 142.26 | 13.1  | 156.2  | 8.51  | -0.31 |
| 1998/04/15 22:00:00 | 150.79 | 13.18 | 164.99 | 8.94  | -0.41 |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/04/15 23:00:00 | 147.2  | 13.55 | 161.64 | 9.17  | -0.48 |
| 1998/04/16 00:00:00 | 139.91 | 15.62 | 157.27 | 10.54 | -0.41 |
| 1998/04/16 01:00:00 | 157.2  | 13.73 | 170.2  | 9.9   | -0.46 |
| 1998/04/16 02:00:00 | 163.15 | 13.01 | 173.88 | 9.6   | -0.51 |
| 1998/04/16 03:00:00 | 154.78 | 14.04 | 165.41 | 9.83  | -0.44 |
| 1998/04/16 04:00:00 | 151.17 | 12.26 | 164.82 | 8.23  | -0.33 |
| 1998/04/16 05:00:00 | 146.07 | 11.31 | 159.19 | 7.35  | -0.37 |
| 1998/04/16 06:00:00 | 144.6  | 12.17 | 160.08 | 8.03  | -0.4  |
| 1998/04/16 07:00:00 | 146.08 | 9.65  | 157.46 | 6.66  | -0.4  |
| 1998/04/16 08:00:00 | 159.97 | 5.92  | 162.39 | 3.81  | 0.83  |
| 1998/04/16 09:00:00 | 132.9  | 5     | 191.63 | 2.39  | 4.14  |
| 1998/04/16 10:00:00 | 137.07 | 6.79  | 152.09 | 3.62  | 5.87  |
| 1998/04/16 11:00:00 | 146.19 | 8.79  | 155.06 | 5.67  | 4.29  |
| 1998/04/16 12:00:00 | 155.45 | 8.36  | 165.52 | 6.16  | 0.31  |
| 1998/04/16 13:00:00 | 155.1  | 8.55  | 163.29 | 6.09  | -0.75 |
| 1998/04/16 14:00:00 | 162.38 | 6.26  | 168.86 | 4.37  | -0.23 |
| 1998/04/16 15:00:00 | 165.71 | 6.57  | 172.61 | 5.26  | -0.28 |
| 1998/04/16 16:00:00 | 164.89 | 7.7   | 175.69 | 6.16  | -1.31 |
| 1998/04/16 17:00:00 | 205.69 | 6.71  | 215.32 | 4.63  | -1.34 |
| 1998/04/16 18:00:00 | 195.54 | 5.76  | 210.96 | 4.45  | -1.16 |
| 1998/04/16 19:00:00 | 182.18 | 5.6   | 190.01 | 3.69  | -0.6  |
| 1998/04/16 20:00:00 | 177.67 | 6.09  | 171.99 | 3.14  | 0.36  |
| 1998/04/16 21:00:00 | 169.18 | 6.86  | 159.26 | 3.52  | 0.83  |
| 1998/04/16 22:00:00 | 174.47 | 6.63  | 174.8  | 3.49  | 1.15  |
| 1998/04/16 23:00:00 | 321.49 | 12.32 | 328.25 | 8.02  | -0.28 |
| 1998/04/17 00:00:00 | 344.18 | 10.58 | 347.07 | 6.48  | -0.49 |
| 1998/04/17 01:00:00 | 333.39 | 8.54  | 337.38 | 4.49  | -0.33 |
| 1998/04/17 02:00:00 | 328.26 | 7.75  | 333.01 | 3.75  | -0.1  |
| 1998/04/17 03:00:00 | 324.17 | 6.59  | 325.66 | 3.04  | 0.17  |
| 1998/04/17 04:00:00 | 335.13 | 8.09  | 343.24 | 4.9   | -0.48 |
| 1998/04/17 05:00:00 | 330.11 | 7.84  | 335.51 | 4.18  | -0.32 |
| 1998/04/17 06:00:00 | 341.39 | 11.47 | 345.36 | 7.26  | -0.71 |
| 1998/04/17 07:00:00 | 344.82 | 9.5   | 353.32 | 5.82  | -0.68 |
| 1998/04/17 08:00:00 | 348.93 | 9.54  | 361.17 | 5.7   | -0.74 |
| 1998/04/17 09:00:00 | 362.61 | 6.9   | 369.4  | 4.83  | -1.13 |
| 1998/04/17 10:00:00 | 366.92 | 8.29  | 392.12 | 5.83  | -1.43 |
| 1998/04/17 11:00:00 | 359.3  | 7.56  | 360.98 | 5.79  | -1.95 |
| 1998/04/17 12:00:00 | 347.53 | 6.72  | 370.33 | 5.24  | -1.74 |
| 1998/04/17 13:00:00 | 327.88 | 7.68  | 367.9  | 5.43  | -1.45 |
| 1998/04/17 14:00:00 | 287.48 | 8.76  | 352.19 | 5.95  | -1.43 |
| 1998/04/17 15:00:00 | 305.08 | 7.77  | 356.93 | 5.28  | -1.12 |
| 1998/04/17 16:00:00 | 275.94 | 7.94  | 368.93 | 4.72  | -0.83 |
| 1998/04/17 17:00:00 | 266.03 | 8.44  | 364.24 | 5.19  | -1.01 |
| 1998/04/17 18:00:00 | 263.08 | 10.07 | 372.52 | 6.14  | -0.87 |
| 1998/04/17 19:00:00 | 333.68 | 9.73  | 379.88 | 5.82  | -0.68 |
| 1998/04/17 20:00:00 | 323.7  | 8.88  | 374.65 | 5.81  | -0.67 |
| 1998/04/17 21:00:00 | 299.72 | 7.17  | 365.53 | 4.22  | -0.49 |
| 1998/04/17 22:00:00 | 269.89 | 7.67  | 404.02 | 4.37  | -0.05 |
| 1998/04/17 23:00:00 | 349.78 | 7.43  | 364.02 | 3.42  | 0.9   |
| 1998/04/18 00:00:00 | 356.27 | 10.77 | 397.22 | 6.09  | 0.85  |
| 1998/04/18 01:00:00 | 396.25 | 10.84 | 375.46 | 6.02  | 1.44  |
| 1998/04/18 02:00:00 | 344.94 | 10.13 | 279.65 | 5.49  | 3.17  |
| 1998/04/18 03:00:00 | 244.78 | 7.06  | 385.03 | 3.92  | 4     |
| 1998/04/18 04:00:00 | 255.79 | 10.32 | 395.11 | 4.8   | 4.16  |
| 1998/04/18 05:00:00 | 194.02 | 7.66  | 377.32 | 4.07  | 3.7   |
| 1998/04/18 06:00:00 | 95.15  | 7.52  | 329.15 | 3.86  | 2.97  |

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|                     |        |       |        |      |        |
|---------------------|--------|-------|--------|------|--------|
| 1998/04/18 07:00:00 | 90.76  | 10.41 | 331.31 | 5.71 | 4.87   |
| 1998/04/18 08:00:00 | 45.2   | 8.88  | 328.17 | 4.77 | 5.3    |
| 1998/04/18 09:00:00 | 127.53 | 10.08 | 360.18 | 5.69 | 5.15   |
| 1998/04/18 10:00:00 | 187.7  | 8.1   | 407.1  | 4.39 | 4.29   |
| 1998/04/18 11:00:00 | 283.24 | 7.63  | 334.87 | 4.4  | 2.98   |
| 1998/04/18 12:00:00 | 120.21 | 5.43  | 338.45 | 3.8  | 2.61   |
| 1998/04/18 13:00:00 | 176.9  | 6.88  | 348.5  | 4.65 | 3.36   |
| 1998/04/18 14:00:00 | 289.89 | 7.08  | 293.46 | 4.39 | 3.87   |
| 1998/04/18 15:00:00 | 158.43 | 3.38  | 276.56 | 2.05 | -7.68  |
| 1998/04/18 16:00:00 | 238.58 | 5.94  | 326.59 | 3.69 | -9.77  |
| 1998/04/18 17:00:00 | 255.28 | 8.18  | 290.18 | 3.91 | -10.15 |
| 1998/04/18 18:00:00 | 328.7  | 6.84  | 323.66 | 3.17 | -7.13  |
| 1998/04/18 19:00:00 | 203.83 | 10.74 | 392.86 | 4.76 | -4.04  |
| 1998/04/18 20:00:00 | 322.85 | 10.58 | 383.18 | 4.61 | -0.55  |
| 1998/04/18 21:00:00 | NaN    | 6.96  | 287.65 | 4.05 | 3.24   |
| 1998/04/18 22:00:00 | 88.95  | 3.48  | 345.68 | 1.79 | 3.46   |
| 1998/04/18 23:00:00 | 130.91 | 5.92  | 358.82 | 2.76 | 2.86   |
| 1998/04/19 00:00:00 | 269.73 | 4.97  | 358.19 | 1.96 | 2.34   |
| 1998/04/19 01:00:00 | 230.46 | 5.85  | 332.2  | 3.05 | 2.2    |
| 1998/04/19 02:00:00 | NaN    | NaN   | NaN    | NaN  | NaN    |
| 1998/04/19 03:00:00 | NaN    | NaN   | NaN    | NaN  | NaN    |
| 1998/04/19 04:00:00 | NaN    | 8.53  | NaN    | NaN  | NaN    |
| 1998/04/19 05:00:00 | NaN    | 6.82  | NaN    | NaN  | NaN    |
| 1998/04/19 06:00:00 | NaN    | 7.53  | NaN    | NaN  | NaN    |
| 1998/04/19 07:00:00 | NaN    | 8.81  | NaN    | NaN  | NaN    |
| 1998/04/19 08:00:00 | NaN    | 8.01  | NaN    | NaN  | NaN    |
| 1998/04/19 09:00:00 | NaN    | 9.43  | NaN    | NaN  | NaN    |
| 1998/04/19 10:00:00 | NaN    | 9.52  | NaN    | NaN  | NaN    |
| 1998/04/19 11:00:00 | NaN    | 9.99  | NaN    | NaN  | NaN    |
| 1998/04/19 12:00:00 | NaN    | 9.77  | NaN    | NaN  | NaN    |
| 1998/04/19 13:00:00 | NaN    | 10.75 | NaN    | NaN  | NaN    |
| 1998/04/19 14:00:00 | NaN    | 9.7   | NaN    | NaN  | NaN    |
| 1998/04/19 15:00:00 | NaN    | 9.77  | NaN    | NaN  | NaN    |
| 1998/04/19 16:00:00 | NaN    | 8.97  | NaN    | NaN  | NaN    |
| 1998/04/19 17:00:00 | NaN    | 10.74 | NaN    | NaN  | NaN    |
| 1998/04/19 18:00:00 | NaN    | 8.08  | NaN    | NaN  | NaN    |
| 1998/04/19 19:00:00 | NaN    | 6.31  | NaN    | NaN  | NaN    |
| 1998/04/19 20:00:00 | NaN    | 7.21  | NaN    | NaN  | NaN    |
| 1998/04/19 21:00:00 | NaN    | 7.91  | NaN    | NaN  | NaN    |
| 1998/04/19 22:00:00 | NaN    | 6.24  | NaN    | NaN  | NaN    |
| 1998/04/19 23:00:00 | NaN    | 5.91  | NaN    | NaN  | NaN    |
| 1998/04/20 00:00:00 | NaN    | 4.02  | NaN    | NaN  | NaN    |
| 1998/04/20 01:00:00 | NaN    | 6.59  | NaN    | NaN  | NaN    |
| 1998/04/20 02:00:00 | NaN    | 6.65  | NaN    | NaN  | NaN    |
| 1998/04/20 03:00:00 | NaN    | 5.59  | NaN    | NaN  | NaN    |
| 1998/04/20 04:00:00 | NaN    | 2.86  | NaN    | NaN  | NaN    |
| 1998/04/20 05:00:00 | NaN    | 3.59  | NaN    | NaN  | NaN    |
| 1998/04/20 06:00:00 | NaN    | 3.91  | NaN    | NaN  | NaN    |
| 1998/04/20 07:00:00 | NaN    | 2.95  | NaN    | NaN  | NaN    |
| 1998/04/20 08:00:00 | NaN    | 4.98  | NaN    | NaN  | NaN    |
| 1998/04/20 09:00:00 | NaN    | 4.29  | NaN    | NaN  | NaN    |
| 1998/04/20 10:00:00 | NaN    | 4.29  | NaN    | NaN  | NaN    |
| 1998/04/20 11:00:00 | NaN    | 5.71  | NaN    | NaN  | NaN    |
| 1998/04/20 12:00:00 | NaN    | 5.55  | NaN    | NaN  | NaN    |
| 1998/04/20 13:00:00 | NaN    | 6.79  | NaN    | NaN  | NaN    |
| 1998/04/20 14:00:00 | NaN    | 7.26  | NaN    | NaN  | NaN    |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/04/20 15:00:00 | NaN    | 6.95  | 286.95 | NaN  | -1.84 |
| 1998/04/20 16:00:00 | NaN    | 6.18  | 297.8  | NaN  | -0.94 |
| 1998/04/20 17:00:00 | NaN    | 7.71  | 313.1  | NaN  | -1.91 |
| 1998/04/20 18:00:00 | NaN    | 5.26  | 331.09 | NaN  | -1.36 |
| 1998/04/20 19:00:00 | NaN    | 4.45  | 385.51 | NaN  | 0.99  |
| 1998/04/20 20:00:00 | NaN    | 5.95  | 412.68 | NaN  | 4.8   |
| 1998/04/20 21:00:00 | NaN    | 6.59  | 422.98 | NaN  | 6.43  |
| 1998/04/20 22:00:00 | NaN    | 5.12  | 418.78 | NaN  | 9.57  |
| 1998/04/20 23:00:00 | NaN    | 4.1   | 408.16 | NaN  | 10.39 |
| 1998/04/21 00:00:00 | NaN    | 3.52  | 420.07 | NaN  | 10.93 |
| 1998/04/21 01:00:00 | NaN    | 3.96  | 86.61  | NaN  | 11.6  |
| 1998/04/21 02:00:00 | NaN    | 4.33  | 57.88  | NaN  | 11.75 |
| 1998/04/21 03:00:00 | NaN    | 2.97  | 400.08 | NaN  | 8.93  |
| 1998/04/21 04:00:00 | NaN    | 3.26  | 424.65 | NaN  | 10.24 |
| 1998/04/21 05:00:00 | NaN    | 9.13  | 345.58 | NaN  | 4.21  |
| 1998/04/21 06:00:00 | NaN    | 8.88  | 334.96 | NaN  | 0.09  |
| 1998/04/21 07:00:00 | NaN    | 5.1   | 352.13 | NaN  | -0.02 |
| 1998/04/21 08:00:00 | NaN    | 3.92  | 240.92 | NaN  | -0.23 |
| 1998/04/21 09:00:00 | NaN    | 3.58  | 230.37 | NaN  | -0.76 |
| 1998/04/21 10:00:00 | NaN    | 5.08  | 320.71 | NaN  | -1.07 |
| 1998/04/21 11:00:00 | NaN    | 6.06  | 323.62 | NaN  | -1.63 |
| 1998/04/21 12:00:00 | NaN    | 7.01  | 326.85 | NaN  | -1.55 |
| 1998/04/21 13:00:00 | NaN    | 6.97  | 308.02 | NaN  | -1.03 |
| 1998/04/21 14:00:00 | NaN    | 7.3   | 290.48 | NaN  | -1.32 |
| 1998/04/21 15:00:00 | 288.51 | 7.95  | 318.21 | 4.69 | -1.13 |
| 1998/04/21 16:00:00 | 261.51 | 5.3   | 295.54 | 3.9  | -1.35 |
| 1998/04/21 17:00:00 | 181.51 | 4.67  | 239.39 | 3.75 | -1.95 |
| 1998/04/21 18:00:00 | 20.53  | 3.99  | 258.06 | 3.07 | -1.65 |
| 1998/04/21 19:00:00 | 108.44 | 3.53  | 228.93 | 2.46 | -0.82 |
| 1998/04/21 20:00:00 | 130.64 | 3.29  | 354.78 | 1.93 | 2.66  |
| 1998/04/21 21:00:00 | 164.21 | 4.43  | 416.44 | 2.55 | 5.33  |
| 1998/04/21 22:00:00 | 190.07 | 5.61  | 399.36 | 2.28 | 4.9   |
| 1998/04/21 23:00:00 | 292.63 | 6.2   | 284.45 | 2.44 | 1.43  |
| 1998/04/22 00:00:00 | 338.17 | 7.43  | 383.2  | 2.79 | 1.68  |
| 1998/04/22 01:00:00 | 231.66 | 4.76  | 375.64 | 1.98 | 4     |
| 1998/04/22 02:00:00 | 297.64 | 5.42  | 387.82 | 1.94 | 3.23  |
| 1998/04/22 03:00:00 | 298.18 | 6.45  | 371.34 | 1.52 | 2.02  |
| 1998/04/22 04:00:00 | 231.45 | 7.11  | 347.44 | 2.11 | 1.09  |
| 1998/04/22 05:00:00 | 191.16 | 6.26  | 323.67 | 1.86 | 0.98  |
| 1998/04/22 06:00:00 | 179.36 | 5.98  | 307.93 | 1.95 | 0.93  |
| 1998/04/22 07:00:00 | 210.49 | 6.02  | 335.44 | 2.21 | 0.94  |
| 1998/04/22 08:00:00 | 144.89 | 6.34  | 290.87 | 2.49 | -0.52 |
| 1998/04/22 09:00:00 | NaN    | 5.52  | 304.39 | 3.48 | -1.94 |
| 1998/04/22 10:00:00 | NaN    | 4.6   | 301.36 | 3.68 | -2.34 |
| 1998/04/22 11:00:00 | NaN    | 5.1   | 263.57 | 4.21 | -2.14 |
| 1998/04/22 12:00:00 | 99.09  | 5.68  | 263.02 | 4.34 | -2.51 |
| 1998/04/22 13:00:00 | 105.59 | 9.92  | 284.84 | 5.26 | -2.45 |
| 1998/04/22 14:00:00 | NaN    | 12.6  | 296.2  | 6.58 | -2.47 |
| 1998/04/22 15:00:00 | 77.83  | 13.85 | 288.31 | 7.26 | -2.2  |
| 1998/04/22 16:00:00 | 164.41 | 12.91 | 284.75 | 6.56 | -1.59 |
| 1998/04/22 17:00:00 | 38.23  | 12.4  | 274.65 | 6.3  | -2.18 |
| 1998/04/22 18:00:00 | NaN    | 12.92 | 275.49 | 5.76 | -1.43 |
| 1998/04/22 19:00:00 | 100.55 | 12.96 | 289.34 | 5.69 | -0.66 |
| 1998/04/22 20:00:00 | 166.36 | 10.58 | 289.39 | 3.96 | 0     |
| 1998/04/22 21:00:00 | 272.75 | 8.81  | 366.99 | 4.81 | -0.28 |
| 1998/04/22 22:00:00 | 84.91  | 5.19  | 395.43 | 2.26 | -0.03 |



## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/04/22 23:00:00 | 180.06 | 3.65  | 422.46 | 2.39 | 2.67  |
| 1998/04/23 00:00:00 | 354.66 | 3.55  | 407.24 | 3.15 | 5.65  |
| 1998/04/23 01:00:00 | 74.64  | 2.97  | 86.51  | 2.6  | 6.44  |
| 1998/04/23 02:00:00 | 177.58 | 2.29  | 56.42  | 2.48 | 6.53  |
| 1998/04/23 03:00:00 | 208.58 | 3.8   | 55.16  | 2.57 | 6.91  |
| 1998/04/23 04:00:00 | 222.24 | 4.59  | 72.87  | 1.92 | 5.69  |
| 1998/04/23 05:00:00 | 156.07 | 8.16  | 79.19  | 1.02 | 0.22  |
| 1998/04/23 06:00:00 | 202.71 | 5.98  | 132.1  | 1.81 | 2.45  |
| 1998/04/23 07:00:00 | 211.52 | 5.39  | 126.35 | 1.45 | 2.99  |
| 1998/04/23 08:00:00 | 235.38 | 5.69  | 311.7  | 1.77 | 1.21  |
| 1998/04/23 09:00:00 | 242.88 | 5.95  | 239.67 | 3.35 | -1.64 |
| 1998/04/23 10:00:00 | 264.03 | 5.34  | 277.79 | 3.67 | -2.22 |
| 1998/04/23 11:00:00 | 293.15 | 8.18  | 304.28 | 5.28 | -2.58 |
| 1998/04/23 12:00:00 | 298.79 | 10.09 | 317.23 | 6.92 | -2.6  |
| 1998/04/23 13:00:00 | 312.41 | 12.11 | 330.83 | 8.09 | -2.62 |
| 1998/04/23 14:00:00 | 318.51 | 10.74 | 338.69 | 7.56 | -2.58 |
| 1998/04/23 15:00:00 | 315.38 | 10.4  | 336.69 | 7.36 | -1.81 |
| 1998/04/23 16:00:00 | 321.38 | 9.81  | 337.4  | 7.21 | -1.43 |
| 1998/04/23 17:00:00 | 317.3  | 8.48  | 334.74 | 5.85 | -1.68 |
| 1998/04/23 18:00:00 | 326.45 | 6.1   | 348.06 | 4.44 | -1.19 |
| 1998/04/23 19:00:00 | 335.43 | 5.56  | 368.25 | 2.65 | -0.15 |
| 1998/04/23 20:00:00 | 343.26 | 5.73  | 396.64 | 2.6  | 1.48  |
| 1998/04/23 21:00:00 | 342.93 | 5.55  | 410.19 | 3.11 | 6.24  |
| 1998/04/23 22:00:00 | 338.73 | 4.91  | 412.6  | 3.13 | 8.31  |
| 1998/04/23 23:00:00 | 364.48 | 4.68  | 417.16 | 2.9  | 10.29 |
| 1998/04/24 00:00:00 | 419.6  | 3.69  | 176.3  | 1.91 | 9.39  |
| 1998/04/24 01:00:00 | 109.78 | 4.04  | 54     | 3.07 | 9.95  |
| 1998/04/24 02:00:00 | 118.25 | 4.62  | 58.45  | 1.27 | 9.95  |
| 1998/04/24 03:00:00 | 123.18 | 5.1   | 60.03  | 1.49 | 11.1  |
| 1998/04/24 04:00:00 | 122.47 | 6.1   | 284.58 | 1.36 | 10.19 |
| 1998/04/24 05:00:00 | 125.46 | 6.27  | 417.31 | 1.88 | 10.76 |
| 1998/04/24 06:00:00 | 152.92 | 4.98  | 134.52 | 1.56 | 7.65  |
| 1998/04/24 07:00:00 | 142.38 | 5.3   | 61.84  | 2.1  | 8.81  |
| 1998/04/24 08:00:00 | 138.1  | 5.28  | 142.7  | 1.43 | 6.17  |
| 1998/04/24 09:00:00 | 164.55 | 3.62  | 413.72 | 1.81 | 2.53  |
| 1998/04/24 10:00:00 | 185.93 | 3.76  | 192.11 | 3.46 | -1.86 |
| 1998/04/24 11:00:00 | 229.68 | 3.9   | 258.49 | 3.52 | -2.56 |
| 1998/04/24 12:00:00 | 251.15 | 5.03  | 249.25 | 3.89 | -2.53 |
| 1998/04/24 13:00:00 | 249.87 | 5.58  | 241.49 | 4.51 | -2.37 |
| 1998/04/24 14:00:00 | 180.21 | 6.4   | 239.33 | 4.96 | -2.7  |
| 1998/04/24 15:00:00 | 172.69 | 6.15  | 240.21 | 4.52 | -1.68 |
| 1998/04/24 16:00:00 | 159.11 | 6.06  | 223.23 | 4.95 | -1.12 |
| 1998/04/24 17:00:00 | 195.81 | 8.9   | 222.59 | 6.14 | -2.03 |
| 1998/04/24 18:00:00 | 180.03 | 7.19  | 209.24 | 5.03 | -1.42 |
| 1998/04/24 19:00:00 | 137.23 | 6.7   | 162.55 | 4.57 | -0.6  |
| 1998/04/24 20:00:00 | 119.97 | 6.86  | 92.13  | 2.46 | 2.26  |
| 1998/04/24 21:00:00 | 115.86 | 8.96  | 90.92  | 2.63 | 3.47  |
| 1998/04/24 22:00:00 | 114.07 | 11.21 | 136.61 | 3.06 | 3.3   |
| 1998/04/24 23:00:00 | 117.88 | 11.98 | 240.35 | 3.33 | 3.08  |
| 1998/04/25 00:00:00 | 122.3  | 13.44 | 147.48 | 4.25 | 2.44  |
| 1998/04/25 01:00:00 | 132.04 | 12.62 | 157.72 | 6.83 | 0.83  |
| 1998/04/25 02:00:00 | 146.38 | 8.94  | 165.12 | 5.29 | 0.03  |
| 1998/04/25 03:00:00 | 126.42 | 9     | 125.7  | 3.44 | 0.71  |
| 1998/04/25 04:00:00 | 110.62 | 10.1  | 232.94 | 3.39 | 1.38  |
| 1998/04/25 05:00:00 | 119.01 | 10.31 | 170.33 | 3.15 | 1.04  |
| 1998/04/25 06:00:00 | 116.26 | 9.82  | 174.43 | 3.13 | 0.72  |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/04/25 07:00:00 | 109.39 | 11.84 | 193.9  | 3.55  | 0.95  |
| 1998/04/25 08:00:00 | 100.16 | 10.46 | 178.84 | 3.48  | -0.32 |
| 1998/04/25 09:00:00 | 124.43 | 9.33  | 149.86 | 5.93  | -1.39 |
| 1998/04/25 10:00:00 | 149.8  | 13.5  | 158.63 | 9.67  | -1.75 |
| 1998/04/25 11:00:00 | 149.24 | 16.65 | 161.68 | 11.75 | -1.96 |
| 1998/04/25 12:00:00 | 156.65 | 15.07 | 169.19 | 11.46 | -2.2  |
| 1998/04/25 13:00:00 | 144.07 | 13.94 | 165.83 | 10.25 | -2.37 |
| 1998/04/25 14:00:00 | 122.22 | 11.83 | 166.78 | 9.27  | -2.31 |
| 1998/04/25 15:00:00 | 139.85 | 13.5  | 172.01 | 10.57 | -1.83 |
| 1998/04/25 16:00:00 | 123.5  | 13.19 | 171.65 | 10.31 | -1.49 |
| 1998/04/25 17:00:00 | 110.81 | 14.57 | 166.04 | 10.9  | -1.67 |
| 1998/04/25 18:00:00 | 142.08 | 12.9  | 176.74 | 9.35  | -1.34 |
| 1998/04/25 19:00:00 | 130.82 | 12.26 | 182.89 | 8.67  | -0.69 |
| 1998/04/25 20:00:00 | 131    | 9.98  | 173.86 | 6.48  | -0.11 |
| 1998/04/25 21:00:00 | 1.01   | 9.6   | 148.08 | 3.81  | 0.73  |
| 1998/04/25 22:00:00 | 96.2   | 10.36 | 147.63 | 4.49  | 0.63  |
| 1998/04/25 23:00:00 | 86.16  | 10.85 | 157.57 | 5.14  | 0.15  |
| 1998/04/26 00:00:00 | 86.5   | 10.91 | 144.33 | 5.43  | 0.06  |
| 1998/04/26 01:00:00 | 87.55  | 11.42 | 140.69 | 5.71  | 0.14  |
| 1998/04/26 02:00:00 | 76.72  | 10.52 | 151.57 | 3.75  | 0.26  |
| 1998/04/26 03:00:00 | 59.51  | 8.86  | 314.99 | 2.72  | 0.27  |
| 1998/04/26 04:00:00 | 62.58  | 9.6   | 317.46 | 3.07  | 0.41  |
| 1998/04/26 05:00:00 | 60.45  | 9.98  | 346.18 | 3.32  | 1.07  |
| 1998/04/26 06:00:00 | 56.96  | 10.45 | 390.11 | 3.6   | 1.94  |
| 1998/04/26 07:00:00 | 55.19  | 10.22 | 337.18 | 3.54  | 2.47  |
| 1998/04/26 08:00:00 | 64.09  | 10.01 | 265.31 | 3.98  | 1.1   |
| 1998/04/26 09:00:00 | 66.5   | 9.34  | 290.72 | 4.3   | -0.33 |
| 1998/04/26 10:00:00 | 117.15 | 9.55  | 207.06 | 5.05  | -1.62 |
| 1998/04/26 11:00:00 | 86.52  | 10.9  | 153.1  | 7.74  | -1.67 |
| 1998/04/26 12:00:00 | 120.72 | 12.06 | 159.24 | 8.96  | -2.02 |
| 1998/04/26 13:00:00 | 143.1  | 10.27 | 166.26 | 7.75  | -2.13 |
| 1998/04/26 14:00:00 | 143.09 | 10.16 | 166.29 | 7.33  | -1.69 |
| 1998/04/26 15:00:00 | 149.21 | 9.14  | 158.24 | 6.6   | -1.41 |
| 1998/04/26 16:00:00 | 142.18 | 9.9   | 162.96 | 7.32  | -1.38 |
| 1998/04/26 17:00:00 | 143.4  | 10.45 | 160.4  | 7.3   | -1.16 |
| 1998/04/26 18:00:00 | 134.31 | 8.85  | 155.07 | 5.44  | -0.7  |
| 1998/04/26 19:00:00 | 122.13 | 7.25  | 171.07 | 3.76  | -0.62 |
| 1998/04/26 20:00:00 | 117.83 | 7.78  | 173.06 | 2.97  | -0.09 |
| 1998/04/26 21:00:00 | 101.37 | 7.7   | 295.71 | 2.12  | 0.34  |
| 1998/04/26 22:00:00 | 97.15  | 8.67  | 237.13 | 3.09  | 0.09  |
| 1998/04/26 23:00:00 | 104.24 | 9.32  | 252.62 | 3.83  | -0.08 |
| 1998/04/27 00:00:00 | 104.33 | 9.61  | 160.18 | 4.76  | -0.16 |
| 1998/04/27 01:00:00 | 113.57 | 9.64  | 148.56 | 5.43  | -0.24 |
| 1998/04/27 02:00:00 | 105.39 | 8.68  | 161.28 | 4.49  | -0.39 |
| 1998/04/27 03:00:00 | 126.87 | 10.45 | 149.03 | 6.02  | -0.14 |
| 1998/04/27 04:00:00 | 142.34 | 11.46 | 159.77 | 7.25  | -0.15 |
| 1998/04/27 05:00:00 | 139.07 | 7.63  | 153.07 | 4.58  | -0.21 |
| 1998/04/27 06:00:00 | 107.89 | 6.45  | 291.6  | 2.36  | 0.12  |
| 1998/04/27 07:00:00 | 98.21  | 6.85  | 199.37 | 2.58  | 0.82  |
| 1998/04/27 08:00:00 | 111.19 | 8.74  | 210.61 | 3.92  | 0.38  |
| 1998/04/27 09:00:00 | 132.29 | 9.98  | 152.16 | 6.42  | -0.82 |
| 1998/04/27 10:00:00 | 147.58 | 10.83 | 159.9  | 7.81  | -1.43 |
| 1998/04/27 11:00:00 | 143.69 | 12.58 | 158.49 | 8.82  | -2    |
| 1998/04/27 12:00:00 | 149.91 | 12.02 | 160.2  | 9.08  | -2.07 |
| 1998/04/27 13:00:00 | 164.67 | 11.85 | 173.07 | 9.04  | -1.9  |
| 1998/04/27 14:00:00 | 166.88 | 10.19 | 177.06 | 7.66  | -1.96 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/04/27 15:00:00 | 156.16 | 10.69 | 168.4  | 7.96 | -1.67 |
| 1998/04/27 16:00:00 | 138.17 | 9.58  | 158.27 | 6.81 | -1.55 |
| 1998/04/27 17:00:00 | 125.12 | 9.14  | 151.92 | 5.98 | -1.32 |
| 1998/04/27 18:00:00 | 125.2  | 9.58  | 156.55 | 6    | -1.09 |
| 1998/04/27 19:00:00 | 118.61 | 9.41  | 157.01 | 4.97 | -0.7  |
| 1998/04/27 20:00:00 | 109.84 | 6.61  | 196.67 | 2.47 | -0.11 |
| 1998/04/27 21:00:00 | 110.65 | 7.79  | 251.13 | 3.18 | -0.03 |
| 1998/04/27 22:00:00 | 109.51 | 6.49  | 295.22 | 2.43 | -0.07 |
| 1998/04/27 23:00:00 | 95.57  | 9.47  | 420.35 | 4.45 | -0.23 |
| 1998/04/28 00:00:00 | 103.38 | 9.6   | 270.91 | 4.67 | -0.45 |
| 1998/04/28 01:00:00 | 179.25 | 13.81 | 319.85 | 6.43 | 1.05  |
| 1998/04/28 02:00:00 | 437.9  | 10.25 | 283.49 | 5.2  | 3.58  |
| 1998/04/28 03:00:00 | 426.87 | 7.78  | 412.27 | 4.01 | 5.5   |
| 1998/04/28 04:00:00 | 392.63 | 8.59  | 369.72 | 4.52 | 6.42  |
| 1998/04/28 05:00:00 | 178.46 | 3.37  | 363.56 | 1.99 | 7.01  |
| 1998/04/28 06:00:00 | 423.38 | 4.93  | 353.61 | 1.99 | 6.46  |
| 1998/04/28 07:00:00 | 139.53 | 3.79  | 226.84 | 2.48 | 6.45  |
| 1998/04/28 08:00:00 | 128.01 | 3.94  | 258.86 | 1.71 | 7.31  |
| 1998/04/28 09:00:00 | 283.39 | 2.95  | 318.14 | 1.85 | 4.76  |
| 1998/04/28 10:00:00 | 101.77 | 5.5   | 192.88 | 2.73 | 4.16  |
| 1998/04/28 11:00:00 | 227.67 | 6.55  | 199.55 | 4.02 | 2.16  |
| 1998/04/28 12:00:00 | 123.54 | 7     | 191.1  | 4.03 | 1.44  |
| 1998/04/28 13:00:00 | 107.05 | 7.59  | 152.48 | 5.17 | 0.02  |
| 1998/04/28 14:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/04/28 15:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/04/28 16:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/04/28 17:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/04/28 18:00:00 | 150.66 | 4.44  | 168.66 | 3.12 | -0.9  |
| 1998/04/28 19:00:00 | 144.27 | 5.39  | 167.69 | 3.25 | -0.46 |
| 1998/04/28 20:00:00 | 137.05 | 6.1   | 143.54 | 2.94 | -0.13 |
| 1998/04/28 21:00:00 | 141.03 | 9.25  | 162.8  | 5.38 | -0.07 |
| 1998/04/28 22:00:00 | 121.96 | 5.65  | 111.47 | 2    | 0.45  |
| 1998/04/28 23:00:00 | 110.65 | 6.76  | 234.94 | 2.58 | 0.2   |
| 1998/04/29 00:00:00 | 120.23 | 6.75  | 229.57 | 2.44 | 0.22  |
| 1998/04/29 01:00:00 | 115.19 | 6     | 272.03 | 2.41 | -0.01 |
| 1998/04/29 02:00:00 | 97.81  | 6.83  | 367.55 | 3.04 | 0.02  |
| 1998/04/29 03:00:00 | 121.38 | 6.89  | 145.59 | 3.46 | 0.19  |
| 1998/04/29 04:00:00 | 135.41 | 7.16  | 153.08 | 3.06 | -0.25 |
| 1998/04/29 05:00:00 | 158.29 | 6.76  | 170.51 | 3.82 | 2.66  |
| 1998/04/29 06:00:00 | 182.54 | 4.82  | 221.08 | 2.29 | 4.07  |
| 1998/04/29 07:00:00 | 187.98 | 2.92  | 404.92 | 1.72 | 3.91  |
| 1998/04/29 08:00:00 | 249.86 | 1.73  | 403.38 | 1.81 | 2.06  |
| 1998/04/29 09:00:00 | 87.13  | 2.39  | 375.12 | 1.9  | 1.47  |
| 1998/04/29 10:00:00 | 237.46 | 1.93  | 355.67 | 1.95 | 1.79  |
| 1998/04/29 11:00:00 | 331.25 | 3.1   | 327.74 | 2.71 | 1.34  |
| 1998/04/29 12:00:00 | 339.78 | 5.26  | 354.48 | 3.48 | 1.59  |
| 1998/04/29 13:00:00 | 319.06 | 5.51  | 331.58 | 4.18 | 2.5   |
| 1998/04/29 14:00:00 | 321.45 | 4.41  | 327.4  | 3.79 | 0.89  |
| 1998/04/29 15:00:00 | 318.03 | 4.74  | 310.4  | 4.18 | -0.87 |
| 1998/04/29 16:00:00 | 298.61 | 4.93  | 304.83 | 3.49 | -1.42 |
| 1998/04/29 17:00:00 | 307.41 | 5.59  | 335.15 | 3.49 | -0.14 |
| 1998/04/29 18:00:00 | 271.13 | 3.74  | 351.67 | 2.87 | 2.46  |
| 1998/04/29 19:00:00 | 293.77 | 3.4   | 339.01 | 2.59 | 3.39  |
| 1998/04/29 20:00:00 | 275.33 | 3.76  | 324.53 | 2.02 | 2.15  |
| 1998/04/29 21:00:00 | 262.48 | 3.26  | 349.8  | 1.7  | 3.16  |
| 1998/04/29 22:00:00 | 244.34 | 3.88  | 238.54 | 2    | 3.07  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/04/29 23:00:00 | 236.29 | 2.42  | 273.35 | 1.81 | 3.95  |
| 1998/04/30 00:00:00 | 229.19 | 2.73  | 293.32 | 2.29 | 3.34  |
| 1998/04/30 01:00:00 | 164.18 | 3.79  | 225.26 | 2.31 | 3.63  |
| 1998/04/30 02:00:00 | 200.59 | 4.07  | 257.56 | 1.97 | 3.69  |
| 1998/04/30 03:00:00 | 245.57 | 5.97  | 276.8  | 2.71 | 3.36  |
| 1998/04/30 04:00:00 | 253.75 | 6.8   | 308.35 | 3.12 | 4.14  |
| 1998/04/30 05:00:00 | 260.83 | 6.02  | 314.5  | 2.32 | 3.81  |
| 1998/04/30 06:00:00 | 295.16 | 7.64  | 316.23 | 3.67 | 3.09  |
| 1998/04/30 07:00:00 | 331.22 | 3.66  | 373.35 | 1.83 | 1.24  |
| 1998/04/30 08:00:00 | 349.88 | 2.63  | 222.94 | 1.81 | 0.52  |
| 1998/04/30 09:00:00 | 257.25 | 7.25  | 273.93 | 3.8  | -2.08 |
| 1998/04/30 10:00:00 | 252.34 | 7.22  | 273.96 | 4.15 | -3.03 |
| 1998/04/30 11:00:00 | 270.32 | 8.06  | 294.69 | 5.06 | -2.66 |
| 1998/04/30 12:00:00 | 269.08 | 8.9   | 285.06 | 5.68 | -2.63 |
| 1998/04/30 13:00:00 | 247.59 | 8.91  | 258.19 | 5.66 | -2.76 |
| 1998/04/30 14:00:00 | 254.56 | 10.77 | 249.22 | 6.11 | -3.09 |
| 1998/04/30 15:00:00 | 235.34 | 10.4  | 265.08 | 5.79 | -1.94 |
| 1998/04/30 16:00:00 | 254.3  | 8.45  | 270.58 | 5.19 | -1.21 |
| 1998/04/30 17:00:00 | 259.73 | 8.04  | 259.58 | 4.55 | -2.42 |
| 1998/04/30 18:00:00 | 254.72 | 4.96  | 280.76 | 3.46 | -1.73 |
| 1998/04/30 19:00:00 | 242.53 | 4.22  | 267.74 | 2    | -0.98 |
| 1998/04/30 20:00:00 | 217.77 | 2.47  | 409.31 | 2.41 | 3.71  |
| 1998/04/30 21:00:00 | 140.02 | 2.4   | 416.36 | 2.92 | 7.09  |
| 1998/04/30 22:00:00 | 127.06 | 4.41  | 424.79 | 2.44 | 8.15  |
| 1998/04/30 23:00:00 | 113.25 | 6.68  | 427.1  | 1.94 | 7.69  |
| 1998/05/01 00:00:00 | 104.73 | 6.75  | 424.45 | 2.34 | 7.31  |
| 1998/05/01 01:00:00 | 93.85  | 6.94  | 100.67 | 1.81 | 6.74  |
| 1998/05/01 02:00:00 | 76.41  | 8.7   | 276.35 | 2.59 | 3.87  |
| 1998/05/01 03:00:00 | 76.41  | 8.7   | 276.35 | 2.59 | 3.87  |
| 1998/05/01 04:00:00 | 120.68 | 6.1   | 448.95 | 2.36 | 4.56  |
| 1998/05/01 05:00:00 | 134.05 | 5.53  | 415.17 | 2.58 | 4.28  |
| 1998/05/01 06:00:00 | 186.87 | 4.48  | 414.19 | 2.53 | 5.32  |
| 1998/05/01 07:00:00 | 133.08 | 8.58  | 230.56 | 2.56 | 3.86  |
| 1998/05/01 08:00:00 | 108.84 | 13.39 | 203.23 | 7.6  | 1.16  |
| 1998/05/01 09:00:00 | 118.69 | 9.88  | 201.88 | 5.4  | 0.71  |
| 1998/05/01 10:00:00 | 153.49 | 11.58 | 194.81 | 7.37 | -0.89 |
| 1998/05/01 11:00:00 | 114.09 | 14.88 | 218.41 | 9.92 | -2.24 |
| 1998/05/01 12:00:00 | 214.25 | 12.4  | 219.68 | 8.76 | -2.61 |
| 1998/05/01 13:00:00 | 214.98 | 11.31 | 228.49 | 6.87 | -2.87 |
| 1998/05/01 14:00:00 | 213.4  | 7.67  | 239.14 | 5.27 | -2.6  |
| 1998/05/01 15:00:00 | 238.47 | 7.93  | 275.08 | 4.92 | -1.54 |
| 1998/05/01 16:00:00 | 267.2  | 8.28  | 270.76 | 4.64 | -1.14 |
| 1998/05/01 17:00:00 | 266.71 | 7.66  | 273.01 | 4.08 | -2.14 |
| 1998/05/01 18:00:00 | 265.09 | 6     | 281.68 | 3.09 | -1.64 |
| 1998/05/01 19:00:00 | 293.98 | 4.71  | 346.79 | 2    | -0.51 |
| 1998/05/01 20:00:00 | 323.82 | 4.19  | 405.88 | 2.77 | 4.03  |
| 1998/05/01 21:00:00 | 362.12 | 5.75  | 412.71 | 3.44 | 7.99  |
| 1998/05/01 22:00:00 | 362.1  | 5.75  | 416.47 | 3.08 | 9.45  |
| 1998/05/01 23:00:00 | 385.77 | 6.46  | 422.56 | 2.7  | 9.63  |
| 1998/05/02 00:00:00 | 394.28 | 6.62  | 430.65 | 2.98 | 8.21  |
| 1998/05/02 01:00:00 | 226.23 | 8.15  | 343.09 | 2.99 | 5.88  |
| 1998/05/02 02:00:00 | 400.8  | 11.74 | 424.91 | 3.96 | 1.72  |
| 1998/05/02 03:00:00 | 424.11 | 11.32 | 418.79 | 3.69 | 1.22  |
| 1998/05/02 04:00:00 | 414.94 | 10.99 | 422.02 | 3.64 | 1.8   |
| 1998/05/02 05:00:00 | 416.36 | 10.73 | 419.63 | 3.31 | 2.12  |
| 1998/05/02 06:00:00 | 433    | 10.77 | 425.51 | 3.7  | 2.34  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/02 07:00:00 | 423.39 | 10.24 | 422.89 | 3.28 | 2.05  |
| 1998/05/02 08:00:00 | 431.47 | 8.24  | 384.01 | 2.59 | -0.21 |
| 1998/05/02 09:00:00 | 435.19 | 7.82  | 231.03 | 3.14 | -1.64 |
| 1998/05/02 10:00:00 | 133.13 | 5.5   | 162.9  | 4.17 | -1.87 |
| 1998/05/02 11:00:00 | 187.22 | 4.78  | 214.55 | 4.19 | -2.07 |
| 1998/05/02 12:00:00 | 233.46 | 4.17  | 252.26 | 3.93 | -2.39 |
| 1998/05/02 13:00:00 | 235.97 | 5.56  | 239.72 | 4.63 | -2.38 |
| 1998/05/02 14:00:00 | 231.56 | 7.08  | 221.78 | 5.51 | -2.56 |
| 1998/05/02 15:00:00 | 218.58 | 7.13  | 214.33 | 5.87 | -1.4  |
| 1998/05/02 16:00:00 | 197.1  | 5.94  | 198.51 | 5.23 | -0.98 |
| 1998/05/02 17:00:00 | 197.46 | 5.72  | 203.16 | 5.08 | -1.89 |
| 1998/05/02 18:00:00 | 198.02 | 4.02  | 209.29 | 3.64 | -1.55 |
| 1998/05/02 19:00:00 | 165.51 | 3.26  | 143.6  | 2.51 | -0.27 |
| 1998/05/02 20:00:00 | 123.71 | 5.94  | 79.88  | 2.31 | 2.86  |
| 1998/05/02 21:00:00 | 148.34 | 7.77  | 123.54 | 2.03 | 4.49  |
| 1998/05/02 22:00:00 | 164.85 | 9.16  | 161.27 | 3.06 | 3.17  |
| 1998/05/02 23:00:00 | 134.27 | 9.86  | 191.24 | 2.96 | 2.03  |
| 1998/05/03 00:00:00 | 137.62 | 3.85  | 410.03 | 2.66 | 2.06  |
| 1998/05/03 01:00:00 | 110.7  | 7.16  | 334.46 | 3.33 | 1.86  |
| 1998/05/03 02:00:00 | 126.78 | 5.53  | 287.42 | 1.84 | 1.43  |
| 1998/05/03 03:00:00 | 203.77 | 5.54  | 384.36 | 2.15 | 2.29  |
| 1998/05/03 04:00:00 | 214.6  | 7.39  | 283.39 | 3.37 | 3.21  |
| 1998/05/03 05:00:00 | 239.31 | 11.16 | 274.92 | 4.74 | 3.93  |
| 1998/05/03 06:00:00 | 146.47 | 11.51 | 191.2  | 5.8  | 2.76  |
| 1998/05/03 07:00:00 | 147.56 | 8.82  | 123.84 | 2.95 | 3.69  |
| 1998/05/03 08:00:00 | 165.62 | 9.03  | 187.35 | 4.36 | 1.35  |
| 1998/05/03 09:00:00 | 184.86 | 9.48  | 208.46 | 6.02 | -0.78 |
| 1998/05/03 10:00:00 | 216.14 | 8.56  | 220.29 | 5.49 | -2.09 |
| 1998/05/03 11:00:00 | 221.34 | 10.42 | 221.28 | 6.78 | -2.02 |
| 1998/05/03 12:00:00 | 213.36 | 11.78 | 216.17 | 8.02 | -2.3  |
| 1998/05/03 13:00:00 | 308.6  | 11.65 | 328.49 | 6.7  | -0.29 |
| 1998/05/03 14:00:00 | 303.27 | 9.41  | 324.04 | 5.49 | -1.3  |
| 1998/05/03 15:00:00 | 319.49 | 6.34  | 337.69 | 4.43 | -1.35 |
| 1998/05/03 16:00:00 | 320.74 | 5.24  | 331.34 | 4.46 | -1.3  |
| 1998/05/03 17:00:00 | 316.54 | 6.25  | 329.86 | 4.52 | -1.48 |
| 1998/05/03 18:00:00 | 291.69 | 5.22  | 314.93 | 2.87 | -1.02 |
| 1998/05/03 19:00:00 | 319.25 | 3.71  | 357.24 | 2.14 | -0.69 |
| 1998/05/03 20:00:00 | 286.84 | 2.07  | 411.76 | 1.68 | 1.84  |
| 1998/05/03 21:00:00 | 267.46 | 3.87  | 410.2  | 2.35 | 4.11  |
| 1998/05/03 22:00:00 | 240.51 | 4.91  | 407.96 | 1.98 | 4.15  |
| 1998/05/03 23:00:00 | 266.59 | 5.97  | 413    | 2.29 | 3.5   |
| 1998/05/04 00:00:00 | 268.89 | 3.94  | 410.74 | 2.17 | 3.7   |
| 1998/05/04 01:00:00 | 248.51 | 4.12  | 85.59  | 2.19 | 3.65  |
| 1998/05/04 02:00:00 | 301.59 | 3.49  | 45.13  | 2.67 | 3.86  |
| 1998/05/04 03:00:00 | 273.37 | 2.39  | 49.94  | 2.41 | 5.47  |
| 1998/05/04 04:00:00 | 296.99 | 5.52  | 199.17 | 2.61 | 6.2   |
| 1998/05/04 05:00:00 | 310.14 | 5.8   | 402.02 | 1.89 | 4.63  |
| 1998/05/04 06:00:00 | 316.54 | 5.52  | 412.85 | 1.82 | 4.11  |
| 1998/05/04 07:00:00 | 308.77 | 3.31  | 416.67 | 2.26 | 4.26  |
| 1998/05/04 08:00:00 | 326.11 | 3.06  | 416.6  | 1.51 | 3.55  |
| 1998/05/04 09:00:00 | 338.17 | 4.52  | 383.16 | 2.62 | -0.38 |
| 1998/05/04 10:00:00 | 373.93 | 4.71  | 388.11 | 3.74 | -1.84 |
| 1998/05/04 11:00:00 | 371.79 | 4.04  | 340.57 | 3.54 | -2.04 |
| 1998/05/04 12:00:00 | 271.44 | 5     | 284.26 | 4.36 | -2.36 |
| 1998/05/04 13:00:00 | 294.12 | 6.2   | 317.44 | 5.51 | -2.37 |
| 1998/05/04 14:00:00 | 275.58 | 6.35  | 279.13 | 4.63 | -2.86 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/04 15:00:00 | 282.61 | 5.88  | 286.87 | 4.81 | -1.12 |
| 1998/05/04 16:00:00 | 275.73 | 4.87  | 280.77 | 4.12 | -0.56 |
| 1998/05/04 17:00:00 | 290.17 | 4.15  | 297.8  | 3.6  | -2.11 |
| 1998/05/04 18:00:00 | 323.13 | 3.21  | 280.83 | 2.83 | -1.84 |
| 1998/05/04 19:00:00 | 394.35 | 3.4   | 391.67 | 2.09 | -0.16 |
| 1998/05/04 20:00:00 | 422.76 | 4.44  | 417.7  | 2.52 | 4.72  |
| 1998/05/04 21:00:00 | 317.42 | 4.49  | 410.53 | 2.97 | 7.99  |
| 1998/05/04 22:00:00 | 49.22  | 4.78  | 416.92 | 3.7  | 10.89 |
| 1998/05/04 23:00:00 | 40.55  | 6.21  | 439.21 | 2.28 | 11.45 |
| 1998/05/05 00:00:00 | 19.27  | 8.14  | 269.87 | 3.23 | 8.13  |
| 1998/05/05 01:00:00 | 62.27  | 9.07  | 90.83  | 2.82 | 7.97  |
| 1998/05/05 02:00:00 | 50.51  | 10.1  | 236.77 | 2.47 | 6.33  |
| 1998/05/05 03:00:00 | 48.77  | 9.89  | 298.07 | 2.76 | 3.75  |
| 1998/05/05 04:00:00 | 54.74  | 9.49  | 405.58 | 3.25 | 2.59  |
| 1998/05/05 05:00:00 | 19.36  | 10.62 | 364.71 | 3.16 | 2.11  |
| 1998/05/05 06:00:00 | 43.05  | 10.3  | 387.98 | 3.07 | 1.48  |
| 1998/05/05 07:00:00 | 40.05  | 9.57  | 392.73 | 3.61 | 1.37  |
| 1998/05/05 08:00:00 | 35.39  | 9.07  | 351.21 | 3.65 | 0.22  |
| 1998/05/05 09:00:00 | 30.74  | 8.24  | 291.24 | 3.4  | -1.61 |
| 1998/05/05 10:00:00 | 33.65  | 7.83  | 228.82 | 3.92 | -1.99 |
| 1998/05/05 11:00:00 | 86.36  | 10.09 | 167.96 | 5.98 | -2.09 |
| 1998/05/05 12:00:00 | 80.1   | 9.88  | 198.27 | 5.98 | -2.13 |
| 1998/05/05 13:00:00 | 104.93 | 7.81  | 175.98 | 6.01 | -2.26 |
| 1998/05/05 14:00:00 | 150.47 | 8.55  | 165.66 | 6.51 | -2.31 |
| 1998/05/05 15:00:00 | 150.04 | 7.99  | 180.52 | 6.39 | -1.54 |
| 1998/05/05 16:00:00 | 111.46 | 8.08  | 155.84 | 6.1  | -1.18 |
| 1998/05/05 17:00:00 | 115.79 | 9.28  | 167.16 | 6.29 | -1.61 |
| 1998/05/05 18:00:00 | 128.25 | 10.51 | 157.16 | 7.28 | -1.35 |
| 1998/05/05 19:00:00 | 134.57 | 8.93  | 156.42 | 5.63 | -0.71 |
| 1998/05/05 20:00:00 | 133.33 | 8.38  | 153.18 | 4.1  | 0.18  |
| 1998/05/05 21:00:00 | 134.35 | 8.88  | 149.03 | 3.17 | 0.66  |
| 1998/05/05 22:00:00 | 134.63 | 9.21  | 168.04 | 3.03 | 0.79  |
| 1998/05/05 23:00:00 | 140.78 | 11.08 | 149.71 | 5.58 | 0.26  |
| 1998/05/06 00:00:00 | 135.51 | 10.65 | 150.83 | 4.75 | 0.2   |
| 1998/05/06 01:00:00 | 121.02 | 9.62  | 245.81 | 3.57 | 0.13  |
| 1998/05/06 02:00:00 | 107.7  | 8.61  | 298.35 | 3.24 | -0.45 |
| 1998/05/06 03:00:00 | 109.79 | 9.37  | 196.21 | 3.88 | -0.43 |
| 1998/05/06 04:00:00 | 105.66 | 8.92  | 202.28 | 3.63 | -0.24 |
| 1998/05/06 05:00:00 | 100.98 | 7.75  | 320.77 | 3.06 | -0.12 |
| 1998/05/06 06:00:00 | 103.1  | 7.9   | 282.43 | 2.87 | 0.36  |
| 1998/05/06 07:00:00 | 109.31 | 8.29  | 274.5  | 3.18 | 0.77  |
| 1998/05/06 08:00:00 | 108.42 | 8.87  | 265.78 | 3.47 | 0.43  |
| 1998/05/06 09:00:00 | 117.07 | 9.88  | 242.41 | 5.53 | -0.53 |
| 1998/05/06 10:00:00 | 137.21 | 13.92 | 155.75 | 9.81 | -1.44 |
| 1998/05/06 11:00:00 | 141.8  | 13.5  | 158.68 | 9.01 | -1.28 |
| 1998/05/06 12:00:00 | 147.9  | 10.47 | 161.36 | 7.27 | -1.37 |
| 1998/05/06 13:00:00 | 171.6  | 9.21  | 185.03 | 7.08 | -1.12 |
| 1998/05/06 14:00:00 | 182.84 | 8.97  | 197.03 | 7.46 | -1.54 |
| 1998/05/06 15:00:00 | 195.59 | 9.03  | 211.32 | 5.86 | -1.28 |
| 1998/05/06 16:00:00 | 210.62 | 8.55  | 218.74 | 5.97 | -1.63 |
| 1998/05/06 17:00:00 | 192.72 | 9.72  | 203.44 | 6.69 | -1.28 |
| 1998/05/06 18:00:00 | 177.84 | 9.77  | 185.8  | 7.11 | -1.17 |
| 1998/05/06 19:00:00 | 164.57 | 9.55  | 175.41 | 7.13 | -0.79 |
| 1998/05/06 20:00:00 | 154.05 | 9.74  | 164.72 | 5.89 | -0.17 |
| 1998/05/06 21:00:00 | 154.66 | 10.77 | 165.47 | 6.46 | 0.11  |
| 1998/05/06 22:00:00 | 147.37 | 10.64 | 158.6  | 5.99 | 0.25  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/06 23:00:00 | 140.54 | 11.23 | 149.79 | 6.02 | 0.68  |
| 1998/05/07 00:00:00 | 145.46 | 10.03 | 157.06 | 5.59 | 1.26  |
| 1998/05/07 01:00:00 | 159.97 | 11.06 | 169.89 | 7.33 | 1.45  |
| 1998/05/07 02:00:00 | 173.56 | 11.19 | 182.46 | 7.75 | 0.39  |
| 1998/05/07 03:00:00 | 172.69 | 10.22 | 177.36 | 6.57 | 0.24  |
| 1998/05/07 04:00:00 | 176.95 | 9.8   | 185.71 | 6.15 | 0.61  |
| 1998/05/07 05:00:00 | 172.8  | 10.07 | 179.34 | 6.58 | 0.71  |
| 1998/05/07 06:00:00 | 177.7  | 8.33  | 180    | 5.15 | 0.83  |
| 1998/05/07 07:00:00 | 187.88 | 6.87  | 184.09 | 3.49 | 1.07  |
| 1998/05/07 08:00:00 | 187.23 | 4.99  | 186.57 | 2.7  | 0.1   |
| 1998/05/07 09:00:00 | 216.73 | 3.85  | 241.79 | 2.75 | -0.78 |
| 1998/05/07 10:00:00 | 225.99 | 7.53  | 238.89 | 4.71 | -0.94 |
| 1998/05/07 11:00:00 | 215.44 | 10.31 | 220.14 | 6.16 | -1.33 |
| 1998/05/07 12:00:00 | 213.01 | 9.57  | 217.34 | 6.39 | -1.92 |
| 1998/05/07 13:00:00 | 214.9  | 10.69 | 219.48 | 7.2  | -2.84 |
| 1998/05/07 14:00:00 | 219.12 | 9.49  | 220.2  | 6.83 | -2.61 |
| 1998/05/07 15:00:00 | 220.99 | 7.21  | 217.7  | 5.79 | -1.68 |
| 1998/05/07 16:00:00 | 210.66 | 7.03  | 215.81 | 5.33 | -1.57 |
| 1998/05/07 17:00:00 | 177.49 | 9.13  | 189.18 | 7.06 | -1.83 |
| 1998/05/07 18:00:00 | 161.49 | 7.69  | 170.48 | 5.55 | -1.35 |
| 1998/05/07 19:00:00 | 164.94 | 7.15  | 171.2  | 4.69 | -0.7  |
| 1998/05/07 20:00:00 | 173.99 | 7.16  | 179.27 | 3.84 | -0.02 |
| 1998/05/07 21:00:00 | 199.31 | 5.26  | 305.13 | 1.64 | 1.45  |
| 1998/05/07 22:00:00 | 197.71 | 6.01  | 259.62 | 1.44 | 1.69  |
| 1998/05/07 23:00:00 | 207.48 | 7.28  | 197.51 | 2.54 | 0.82  |
| 1998/05/08 00:00:00 | 249.07 | 6.33  | 298.59 | 1.87 | 1.22  |
| 1998/05/08 01:00:00 | 217.42 | 3.95  | 183.32 | 2.6  | 1.12  |
| 1998/05/08 02:00:00 | 226.07 | 5.18  | 233.31 | 1.98 | 0.61  |
| 1998/05/08 03:00:00 | 247.06 | 4.07  | 341.47 | 1.63 | 0.88  |
| 1998/05/08 04:00:00 | 250.55 | 4.14  | 349.45 | 1.61 | 2.01  |
| 1998/05/08 05:00:00 | 268.22 | 5.22  | 311.05 | 1.07 | 1.85  |
| 1998/05/08 06:00:00 | 280.03 | 4.96  | 383.8  | 1.19 | 1.81  |
| 1998/05/08 07:00:00 | 315.94 | 6.4   | 351.84 | 1.86 | 1.58  |
| 1998/05/08 08:00:00 | 352.56 | 5.37  | 366.78 | 2.43 | 0.6   |
| 1998/05/08 09:00:00 | 386.19 | 6.27  | 382.43 | 4.49 | -1.49 |
| 1998/05/08 10:00:00 | 375.81 | 7.45  | 384.57 | 5.56 | -1.64 |
| 1998/05/08 11:00:00 | 364.49 | 7.01  | 366.52 | 5.62 | -1.96 |
| 1998/05/08 12:00:00 | 320.51 | 5.76  | 321.89 | 4.29 | -2.22 |
| 1998/05/08 13:00:00 | 293.37 | 5.97  | 296.23 | 4.58 | -2.76 |
| 1998/05/08 14:00:00 | 299.52 | 6.52  | 296.92 | 4.97 | -2.76 |
| 1998/05/08 15:00:00 | 309.69 | 7.68  | 311.19 | 5.48 | -1.42 |
| 1998/05/08 16:00:00 | 307.14 | 7.2   | 307.48 | 5.18 | -1.34 |
| 1998/05/08 17:00:00 | 344.33 | 5.65  | 336.33 | 4.32 | -1.81 |
| 1998/05/08 18:00:00 | 356.89 | 5.55  | 364.37 | 3.51 | -1.2  |
| 1998/05/08 19:00:00 | 370.29 | 5.22  | 383.34 | 2.25 | 1.75  |
| 1998/05/08 20:00:00 | 418.31 | 8.36  | 350.8  | 2.77 | 2.2   |
| 1998/05/08 21:00:00 | 427.32 | 9.03  | 411.23 | 2.76 | 2.24  |
| 1998/05/08 22:00:00 | 420.98 | 8.58  | 415.34 | 2.48 | 3.05  |
| 1998/05/08 23:00:00 | 428.52 | 9.62  | 417.43 | 2.57 | 3.33  |
| 1998/05/09 00:00:00 | 438.46 | 10.02 | 385.02 | 2.93 | 1.39  |
| 1998/05/09 01:00:00 | 89.58  | 9.96  | 350.48 | 3.65 | 0.94  |
| 1998/05/09 02:00:00 | 81.15  | 9.83  | 405.56 | 3.67 | 0.44  |
| 1998/05/09 03:00:00 | 77.48  | 10.79 | 415.97 | 3.98 | 0.63  |
| 1998/05/09 04:00:00 | 76.02  | 10.39 | 397.69 | 3.28 | 0.67  |
| 1998/05/09 05:00:00 | 78.01  | 10.71 | 404.16 | 3.94 | 0.17  |
| 1998/05/09 06:00:00 | 74.56  | 11.07 | 390.28 | 4.93 | 0.01  |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/05/09 07:00:00 | 268.34 | 10.38 | 387.76 | 4.51  | -0.14 |
| 1998/05/09 08:00:00 | 181.46 | 7.7   | 283.45 | 3.59  | -0.79 |
| 1998/05/09 09:00:00 | 432.51 | 12.6  | 340.21 | 5.94  | -1.37 |
| 1998/05/09 10:00:00 | 432.51 | 12.6  | 340.21 | 5.94  | -1.37 |
| 1998/05/09 11:00:00 | 247.21 | 9.61  | 277.04 | 5.46  | -2.02 |
| 1998/05/09 12:00:00 | 120.8  | 12.48 | 153.64 | 7.75  | -2.22 |
| 1998/05/09 13:00:00 | 128.92 | 15.04 | 152.55 | 10.21 | -2.04 |
| 1998/05/09 14:00:00 | 148.13 | 17.53 | 162.78 | 12    | -1.85 |
| 1998/05/09 15:00:00 | 179.32 | 13.68 | 191.84 | 9.7   | -1.28 |
| 1998/05/09 16:00:00 | 184.44 | 13.1  | 193.44 | 8.89  | -0.86 |
| 1998/05/09 17:00:00 | 182.93 | 12.18 | 191.85 | 8.3   | -1.11 |
| 1998/05/09 18:00:00 | 191.43 | 12.53 | 200.3  | 8.58  | -1.07 |
| 1998/05/09 19:00:00 | 192.4  | 11.47 | 202.1  | 7     | -0.33 |
| 1998/05/09 20:00:00 | 193.41 | 10.1  | 207.15 | 5.75  | 0.15  |
| 1998/05/09 21:00:00 | 198.06 | 9.06  | 212.78 | 3.34  | 1.31  |
| 1998/05/09 22:00:00 | 188.8  | 8.78  | 184.27 | 3.05  | 1.08  |
| 1998/05/09 23:00:00 | 182.69 | 10.47 | 190.73 | 5.48  | 0.47  |
| 1998/05/10 00:00:00 | 201.83 | 12.09 | 210.74 | 6.4   | 0.4   |
| 1998/05/10 01:00:00 | 222.17 | 10.65 | 224.03 | 5.03  | 0.5   |
| 1998/05/10 02:00:00 | 234.21 | 9.11  | 246.13 | 2.29  | 1.4   |
| 1998/05/10 03:00:00 | 253.9  | 10.69 | 238.98 | 3.52  | 0.57  |
| 1998/05/10 04:00:00 | 252.83 | 10.21 | 224.12 | 3.66  | 0.18  |
| 1998/05/10 05:00:00 | 247.28 | 9.15  | 218.75 | 3.39  | 0.3   |
| 1998/05/10 06:00:00 | 252.68 | 9.89  | 236.28 | 3.66  | 0.07  |
| 1998/05/10 07:00:00 | 283.06 | 10.51 | 295.75 | 4.9   | -0.35 |
| 1998/05/10 08:00:00 | 304.35 | 9.32  | 315.51 | 4.91  | -0.62 |
| 1998/05/10 09:00:00 | 286.37 | 6.62  | 287.48 | 3.63  | -1.28 |
| 1998/05/10 10:00:00 | 294.89 | 6.32  | 302.07 | 4.17  | -1.62 |
| 1998/05/10 11:00:00 | 309.53 | 8.3   | 320.05 | 5.03  | -1.6  |
| 1998/05/10 12:00:00 | 316.22 | 10.46 | 325.49 | 6.13  | -1.96 |
| 1998/05/10 13:00:00 | 322.11 | 9.53  | 335.35 | 5.92  | -1.62 |
| 1998/05/10 14:00:00 | 307.42 | 8.36  | 321.31 | 5.8   | -2.05 |
| 1998/05/10 15:00:00 | 313.73 | 8.42  | 319.5  | 6.01  | -1.91 |
| 1998/05/10 16:00:00 | 313    | 7.32  | 312.98 | 5.26  | -1.79 |
| 1998/05/10 17:00:00 | 299.32 | 5.62  | 311.64 | 4.23  | -2    |
| 1998/05/10 18:00:00 | 326.12 | 6.07  | 328.59 | 4.29  | -1.76 |
| 1998/05/10 19:00:00 | 332.41 | 4.93  | 332.03 | 2.8   | -0.84 |
| 1998/05/10 20:00:00 | 318.53 | 4.85  | 376.06 | 1.42  | 1.43  |
| 1998/05/10 21:00:00 | 302.78 | 5.2   | 402.55 | 1.77  | 4.13  |
| 1998/05/10 22:00:00 | 288.86 | 4.27  | 413.57 | 1.8   | 4.46  |
| 1998/05/10 23:00:00 | 298.52 | 3.98  | 408.84 | 2.06  | 4.84  |
| 1998/05/11 00:00:00 | 286.14 | 4.36  | 381.45 | 1.32  | 4.32  |
| 1998/05/11 01:00:00 | 296.24 | 5.1   | 373.25 | 2.33  | 4.6   |
| 1998/05/11 02:00:00 | 318.75 | 5.13  | 409.71 | 1.94  | 5     |
| 1998/05/11 03:00:00 | 290.83 | 3.99  | 402.16 | 1.81  | 4.59  |
| 1998/05/11 04:00:00 | 279.69 | 4.12  | 408.57 | 1.83  | 3.81  |
| 1998/05/11 05:00:00 | 298.25 | 4.23  | 406.15 | 1.76  | 4.43  |
| 1998/05/11 06:00:00 | 286.06 | 4.1   | 406.38 | 1.77  | 4.11  |
| 1998/05/11 07:00:00 | 270.68 | 3.81  | 256.5  | 1.5   | 3.97  |
| 1998/05/11 08:00:00 | 246.23 | 3.42  | 139.54 | 1.5   | 2.04  |
| 1998/05/11 09:00:00 | 309.09 | 2.67  | 276.93 | 1.98  | -0.59 |
| 1998/05/11 10:00:00 | 310.86 | 4.14  | 317.82 | 3.59  | -1.68 |
| 1998/05/11 11:00:00 | 386.83 | 6.45  | 387.09 | 4.84  | -1.91 |
| 1998/05/11 12:00:00 | 289.16 | 4.84  | 292.17 | 4.03  | -1.91 |
| 1998/05/11 13:00:00 | 270.58 | 5.46  | 292.36 | 4.4   | -2.43 |
| 1998/05/11 14:00:00 | 263.81 | 5.96  | 269.32 | 4.4   | -2.73 |



## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/11 15:00:00 | 275.93 | 4.44  | 284.76 | 3.79 | -0.82 |
| 1998/05/11 16:00:00 | 354.51 | 4.32  | 363.37 | 3.72 | -1.07 |
| 1998/05/11 17:00:00 | 353.28 | 4.14  | 320.59 | 3.25 | -1.84 |
| 1998/05/11 18:00:00 | 390.02 | 2.8   | 387.61 | 2.44 | -1.55 |
| 1998/05/11 19:00:00 | 212.61 | 3.25  | 386.76 | 1.65 | -0.25 |
| 1998/05/11 20:00:00 | 73.84  | 5.54  | 412.56 | 2.45 | 3.39  |
| 1998/05/11 21:00:00 | 88.02  | 5.08  | 420.51 | 2.85 | 7.58  |
| 1998/05/11 22:00:00 | 109.16 | 5.24  | 423.98 | 2.88 | 9.94  |
| 1998/05/11 23:00:00 | 100.39 | 7.07  | 436.26 | 3.13 | 7.72  |
| 1998/05/12 00:00:00 | 84.95  | 8.59  | 270.99 | 2.53 | 4.75  |
| 1998/05/12 01:00:00 | 101.89 | 9.14  | 115.81 | 2.93 | 3.37  |
| 1998/05/12 02:00:00 | 85.01  | 9.22  | 416.82 | 3.36 | 3.3   |
| 1998/05/12 03:00:00 | 88.84  | 8.46  | 376.56 | 2.26 | 1.75  |
| 1998/05/12 04:00:00 | 111.27 | 8.11  | 103.81 | 2.4  | 4.49  |
| 1998/05/12 05:00:00 | 163.84 | 5.87  | 96.28  | 2.5  | 3.44  |
| 1998/05/12 06:00:00 | 155.94 | 6.5   | 74.4   | 2.41 | 3.72  |
| 1998/05/12 07:00:00 | 153.37 | 4.87  | 63.82  | 1.96 | 4.63  |
| 1998/05/12 08:00:00 | 123.46 | 5.13  | 261.14 | 1.21 | 2.08  |
| 1998/05/12 09:00:00 | 147.62 | 4.23  | 261.91 | 2.19 | -0.82 |
| 1998/05/12 10:00:00 | 201.96 | 3.99  | 204.16 | 3.61 | -1.98 |
| 1998/05/12 11:00:00 | 236.21 | 4.46  | 241.97 | 3.71 | -2.33 |
| 1998/05/12 12:00:00 | 241.81 | 4.83  | 245.79 | 3.86 | -2.62 |
| 1998/05/12 13:00:00 | 217.54 | 6.11  | 227.08 | 4.74 | -2.8  |
| 1998/05/12 14:00:00 | 224.99 | 5.98  | 221.18 | 4.55 | -2.81 |
| 1998/05/12 15:00:00 | 230.09 | 5.88  | 225.45 | 4.44 | -1.04 |
| 1998/05/12 16:00:00 | 235.28 | 4.78  | 234.14 | 3.75 | -1.25 |
| 1998/05/12 17:00:00 | 227.89 | 5.36  | 223.59 | 4.1  | -1.69 |
| 1998/05/12 18:00:00 | 226.16 | 4.39  | 216.08 | 3.61 | -1.59 |
| 1998/05/12 19:00:00 | 206.55 | 4.55  | 216.15 | 2.68 | -0.9  |
| 1998/05/12 20:00:00 | 187.62 | 3.94  | 142.24 | 1.71 | 1.74  |
| 1998/05/12 21:00:00 | 141.94 | 6.91  | 71.36  | 2.48 | 3.86  |
| 1998/05/12 22:00:00 | 136.25 | 8.28  | 138.68 | 2.42 | 2.69  |
| 1998/05/12 23:00:00 | 121.23 | 7     | 381.24 | 3.11 | 2.4   |
| 1998/05/13 00:00:00 | 115.87 | 9.67  | 349.3  | 3.08 | 1.64  |
| 1998/05/13 01:00:00 | 131.93 | 11.19 | 201.02 | 3.68 | 1.44  |
| 1998/05/13 02:00:00 | 142.99 | 10.25 | 160.79 | 3.68 | 1.12  |
| 1998/05/13 03:00:00 | 146.06 | 9.28  | 163.72 | 4.58 | 0.38  |
| 1998/05/13 04:00:00 | 142.32 | 6.8   | 264.56 | 2.08 | 1.09  |
| 1998/05/13 05:00:00 | 142.78 | 7.06  | 265.66 | 2.47 | 2.22  |
| 1998/05/13 06:00:00 | 144.65 | 3.97  | 407    | 2.17 | 3.6   |
| 1998/05/13 07:00:00 | 134.49 | 4.42  | 413.14 | 2.56 | 4.5   |
| 1998/05/13 08:00:00 | 103.78 | 2.52  | 410.12 | 1.71 | 3.03  |
| 1998/05/13 09:00:00 | 115.2  | 2.33  | 139.16 | 2.31 | -0.72 |
| 1998/05/13 10:00:00 | 136.81 | 3.41  | 159.55 | 3.19 | -1.87 |
| 1998/05/13 11:00:00 | 154.21 | 4.23  | 235.62 | 3.41 | -2.05 |
| 1998/05/13 12:00:00 | 160.6  | 5.44  | 182.38 | 4.7  | -2.12 |
| 1998/05/13 13:00:00 | 173.25 | 5.82  | 164.21 | 4.51 | -2.33 |
| 1998/05/13 14:00:00 | 170.64 | 7.3   | 162.59 | 5.54 | -2.32 |
| 1998/05/13 15:00:00 | 141.19 | 6.78  | 155.2  | 5.35 | -1.2  |
| 1998/05/13 16:00:00 | 153.01 | 6.21  | 188.58 | 4.99 | -1.37 |
| 1998/05/13 17:00:00 | 115.21 | 6.61  | 210.7  | 4.39 | -1.57 |
| 1998/05/13 18:00:00 | 159.24 | 6.53  | 182.53 | 3.65 | -1.32 |
| 1998/05/13 19:00:00 | 115.57 | 5.76  | 291.43 | 2.61 | -0.54 |
| 1998/05/13 20:00:00 | 112.21 | 6.12  | 411.61 | 2    | 1.77  |
| 1998/05/13 21:00:00 | 110.16 | 6.96  | 420.66 | 2.3  | 5.13  |
| 1998/05/13 22:00:00 | 118.26 | 8.05  | 151.57 | 2.29 | 2.99  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/13 23:00:00 | 137.96 | 9.11  | 171.76 | 2.59 | 1.78  |
| 1998/05/14 00:00:00 | 123.42 | 10.66 | 281.73 | 2.94 | 0.89  |
| 1998/05/14 01:00:00 | 122.3  | 11.08 | 296.64 | 3.51 | 0.6   |
| 1998/05/14 02:00:00 | 117.51 | 10.23 | 231.05 | 3.31 | 0.22  |
| 1998/05/14 03:00:00 | 111.18 | 8.45  | 371.22 | 2.41 | 0.52  |
| 1998/05/14 04:00:00 | 116.25 | 9.63  | 368.01 | 2.91 | 1.22  |
| 1998/05/14 05:00:00 | 110.67 | 7.98  | 354.96 | 3.06 | 1.22  |
| 1998/05/14 06:00:00 | 112.27 | 7.54  | 295.27 | 2.96 | 1.62  |
| 1998/05/14 07:00:00 | 117.48 | 8.84  | 322.15 | 3.24 | 0.98  |
| 1998/05/14 08:00:00 | 116.16 | 7.97  | 171.71 | 3.25 | 0.23  |
| 1998/05/14 09:00:00 | 135.83 | 6.85  | 253.93 | 3.72 | -0.39 |
| 1998/05/14 10:00:00 | 319.79 | 4.84  | 267.54 | 2.87 | -0.75 |
| 1998/05/14 11:00:00 | 237.47 | 3.48  | 252.02 | 2.57 | -1.1  |
| 1998/05/14 12:00:00 | 232.07 | 2.58  | 254.4  | 2.26 | -1.13 |
| 1998/05/14 13:00:00 | 201.58 | 3.09  | 238.3  | 2.59 | -1.62 |
| 1998/05/14 14:00:00 | 150.41 | 5.95  | 171.4  | 4.58 | -1.65 |
| 1998/05/14 15:00:00 | 257.01 | 8.43  | 145.59 | 5.69 | -1.64 |
| 1998/05/14 16:00:00 | 122.44 | 6.72  | 160.96 | 4.19 | -1.52 |
| 1998/05/14 17:00:00 | 121.69 | 5.82  | 155.34 | 3.63 | -1.1  |
| 1998/05/14 18:00:00 | 149.73 | 4.89  | 173.6  | 3.36 | -0.97 |
| 1998/05/14 19:00:00 | 155.26 | 4.07  | 299.75 | 1.71 | -0.2  |
| 1998/05/14 20:00:00 | 172.98 | 3.85  | 365.8  | 1.81 | 0.75  |
| 1998/05/14 21:00:00 | 453.38 | 3.5   | 232.09 | 1.78 | 1.96  |
| 1998/05/14 22:00:00 | 222.95 | 7.17  | 303.37 | 2.18 | 1.61  |
| 1998/05/14 23:00:00 | 131.88 | 9.29  | 247.2  | 2.92 | 0.89  |
| 1998/05/15 00:00:00 | 133.66 | 10.62 | 143.2  | 3.9  | 0.49  |
| 1998/05/15 01:00:00 | 135.66 | 10.27 | 155.74 | 4.31 | 0.25  |
| 1998/05/15 02:00:00 | 132.67 | 9.36  | 144.03 | 3.65 | 0.11  |
| 1998/05/15 03:00:00 | 123.8  | 9.56  | 163.1  | 3.28 | 0.23  |
| 1998/05/15 04:00:00 | 115.92 | 7.85  | 262.15 | 2.57 | 0.76  |
| 1998/05/15 05:00:00 | 105.44 | 6.73  | 369.4  | 2.82 | 1.37  |
| 1998/05/15 06:00:00 | 104.11 | 7.5   | 407.21 | 3.08 | 2.25  |
| 1998/05/15 07:00:00 | 135.86 | 6.18  | 157.59 | 2.78 | 2.51  |
| 1998/05/15 08:00:00 | 159.92 | 7.7   | 175.77 | 5.21 | 1.29  |
| 1998/05/15 09:00:00 | 155.39 | 7.23  | 166.78 | 5    | -0.63 |
| 1998/05/15 10:00:00 | 148.33 | 8.15  | 157.78 | 5.88 | -1.33 |
| 1998/05/15 11:00:00 | 208.5  | 6.64  | 212.77 | 4.66 | -1.83 |
| 1998/05/15 12:00:00 | 220.94 | 6.08  | 222.34 | 4.53 | -2.41 |
| 1998/05/15 13:00:00 | 207.06 | 8.11  | 213.34 | 5.84 | -2.38 |
| 1998/05/15 14:00:00 | 188.36 | 9.29  | 198.16 | 6.96 | -2.41 |
| 1998/05/15 15:00:00 | 189.32 | 10.16 | 203.34 | 7.13 | -1.92 |
| 1998/05/15 16:00:00 | 180.78 | 9.99  | 188.64 | 7.76 | -1.56 |
| 1998/05/15 17:00:00 | 167.73 | 9.61  | 174.11 | 7.57 | -1.39 |
| 1998/05/15 18:00:00 | 171.86 | 7.45  | 177.56 | 5.68 | -1.15 |
| 1998/05/15 19:00:00 | 160.22 | 6.94  | 169.78 | 4.46 | -0.57 |
| 1998/05/15 20:00:00 | 136.18 | 8.53  | 160.99 | 3.21 | 0.08  |
| 1998/05/15 21:00:00 | 142.76 | 10.03 | 145.51 | 4.4  | 0.47  |
| 1998/05/15 22:00:00 | 150.75 | 10.83 | 155.67 | 5.49 | 0.28  |
| 1998/05/15 23:00:00 | 158.63 | 9.49  | 171.34 | 5.3  | -0.04 |
| 1998/05/16 00:00:00 | 156.78 | 9.13  | 163.72 | 5.18 | -0.01 |
| 1998/05/16 01:00:00 | 162.47 | 7.93  | 164.46 | 4.2  | 0.27  |
| 1998/05/16 02:00:00 | 188.08 | 5.08  | 268.55 | 1.98 | 0.4   |
| 1998/05/16 03:00:00 | 202.39 | 7.09  | 202.57 | 2.7  | 0.66  |
| 1998/05/16 04:00:00 | 205.66 | 7.48  | 213.28 | 3.36 | 0.48  |
| 1998/05/16 05:00:00 | 226.82 | 5.77  | 218.12 | 1.46 | 0.56  |
| 1998/05/16 06:00:00 | 200.53 | 5.18  | 244.68 | 2    | 0.43  |

## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/05/16 07:00:00 | 207.15 | 4.17 | 197.59 | 1.67 | 0.35  |
| 1998/05/16 08:00:00 | 203.24 | 4.35 | 206.67 | 2.11 | 0.09  |
| 1998/05/16 09:00:00 | 212.18 | 3.95 | 214.22 | 2.18 | -0.37 |
| 1998/05/16 10:00:00 | 211.56 | 3.43 | 207.88 | 2.96 | -0.99 |
| 1998/05/16 11:00:00 | 198.36 | 3.95 | 208.85 | 3.57 | -1.65 |
| 1998/05/16 12:00:00 | 206.49 | 4.08 | 209.92 | 3.87 | -1.82 |
| 1998/05/16 13:00:00 | 232.37 | 3.83 | 231.29 | 3.56 | -2.04 |
| 1998/05/16 14:00:00 | 235.74 | 3.88 | 237.89 | 3.79 | -2.04 |
| 1998/05/16 15:00:00 | 246.18 | 3.82 | 225.47 | 3.79 | -0.76 |
| 1998/05/16 16:00:00 | 243.24 | 3.2  | 237.73 | 3.22 | -0.76 |
| 1998/05/16 17:00:00 | 196.31 | 2.13 | 235.71 | 2.4  | -1.58 |
| 1998/05/16 18:00:00 | 197.41 | 2.92 | 249.72 | 1.59 | -1.18 |
| 1998/05/16 19:00:00 | 151    | 3.05 | 365.4  | 1.77 | 1.69  |
| 1998/05/16 20:00:00 | 156.91 | 4.4  | 411.03 | 1.56 | 3.36  |
| 1998/05/16 21:00:00 | 98.27  | 4.13 | 408.37 | 2.94 | 5.07  |
| 1998/05/16 22:00:00 | 118.44 | 3.28 | 406.99 | 2.27 | 6.93  |
| 1998/05/16 23:00:00 | 175.21 | 3.95 | 410.08 | 2.31 | 6.68  |
| 1998/05/17 00:00:00 | 192.03 | 4.41 | 423.84 | 1.82 | 5.81  |
| 1998/05/17 01:00:00 | 195.8  | 4.08 | 89.7   | 2.39 | 5.31  |
| 1998/05/17 02:00:00 | 206.85 | 4.4  | 246.02 | 2.05 | 4.58  |
| 1998/05/17 03:00:00 | 228.91 | 5.5  | 398.1  | 1.94 | 3.84  |
| 1998/05/17 04:00:00 | 247.22 | 5    | 388.77 | 1.57 | 4.06  |
| 1998/05/17 05:00:00 | 362.23 | 5.93 | 285.89 | 1.92 | 4.84  |
| 1998/05/17 06:00:00 | 376.85 | 4.39 | 41.4   | 1.5  | 4.16  |
| 1998/05/17 07:00:00 | 380.75 | 4.09 | 317.73 | 1.09 | 3.82  |
| 1998/05/17 08:00:00 | 371.91 | 4.88 | 299.37 | 1.41 | 3.58  |
| 1998/05/17 09:00:00 | 389.16 | 6.01 | 386.27 | 2.58 | 0.91  |
| 1998/05/17 10:00:00 | 401.56 | 6.26 | 392.19 | 4.16 | -1.66 |
| 1998/05/17 11:00:00 | 396.4  | 7.96 | 400.78 | 5.62 | -1.76 |
| 1998/05/17 12:00:00 | 396    | 6.54 | 404.53 | 5.21 | -1.79 |
| 1998/05/17 13:00:00 | 344.36 | 5.66 | 351.98 | 4.47 | -2.14 |
| 1998/05/17 14:00:00 | 299.6  | 5.67 | 296.63 | 4.39 | -2.97 |
| 1998/05/17 15:00:00 | 299.33 | 5.65 | 304.81 | 4.17 | -0.81 |
| 1998/05/17 16:00:00 | 346.15 | 4.93 | 363.4  | 4.11 | -0.78 |
| 1998/05/17 17:00:00 | 322.53 | 5.13 | 328.36 | 3.7  | -1.44 |
| 1998/05/17 18:00:00 | 326.22 | 4.21 | 320.2  | 2.79 | -1.5  |
| 1998/05/17 19:00:00 | 358.7  | 4.96 | 382.55 | 2.32 | 1.41  |
| 1998/05/17 20:00:00 | 349.48 | 6.28 | 402.56 | 3.02 | 6.03  |
| 1998/05/17 21:00:00 | 375.49 | 6.73 | 407.01 | 3.14 | 8.62  |
| 1998/05/17 22:00:00 | 395.55 | 6.17 | 414.73 | 2.75 | 10.93 |
| 1998/05/17 23:00:00 | 403.73 | 5.17 | 413.81 | 2.61 | 11.97 |
| 1998/05/18 00:00:00 | 409.66 | 5.14 | 418.48 | 2.42 | 12.53 |
| 1998/05/18 01:00:00 | 78.69  | 9.96 | 283.49 | 1.75 | 11.55 |
| 1998/05/18 02:00:00 | 75.78  | 9.48 | 442.38 | 1.55 | 9.45  |
| 1998/05/18 03:00:00 | 85.9   | 8.36 | 366.75 | 1.47 | 8.41  |
| 1998/05/18 04:00:00 | 86.67  | 6.15 | 401.01 | 1.74 | 6.77  |
| 1998/05/18 05:00:00 | 86.84  | 4.58 | 411.98 | 1.98 | 5.94  |
| 1998/05/18 06:00:00 | 87.68  | 6.03 | 416.01 | 1.63 | 6.24  |
| 1998/05/18 07:00:00 | 95.67  | 7.82 | 135.2  | 2.17 | 7.07  |
| 1998/05/18 08:00:00 | 173.87 | 3.47 | 155.35 | 1.77 | 1.5   |
| 1998/05/18 09:00:00 | 159.26 | 2.14 | 240.01 | 1.94 | -0.61 |
| 1998/05/18 10:00:00 | 304.68 | 1.74 | 264.41 | 2.01 | -1.84 |
| 1998/05/18 11:00:00 | 313.46 | 3.08 | 327.15 | 3.07 | -1.89 |
| 1998/05/18 12:00:00 | 291.66 | 3.42 | 291.18 | 3.51 | -2.37 |
| 1998/05/18 13:00:00 | 267.99 | 4.18 | 274.74 | 4.07 | -1.94 |
| 1998/05/18 14:00:00 | 276.36 | 4.33 | 276.28 | 3.8  | -2.23 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/18 15:00:00 | 286.31 | 4.16  | 284.68 | 3.81 | -0.78 |
| 1998/05/18 16:00:00 | 295.55 | 4.07  | 288.66 | 3.53 | -1.11 |
| 1998/05/18 17:00:00 | 315.79 | 3.92  | 309.01 | 3.11 | -1.46 |
| 1998/05/18 18:00:00 | 413.7  | 3.17  | 397.94 | 2.6  | -1    |
| 1998/05/18 19:00:00 | 440.53 | 4.96  | 240.45 | 1.68 | 0.81  |
| 1998/05/18 20:00:00 | 453.78 | 5.67  | 413.47 | 2.24 | 3.79  |
| 1998/05/18 21:00:00 | 455.15 | 6.08  | 393.22 | 2.35 | 6.16  |
| 1998/05/18 22:00:00 | 462.51 | 5.83  | 72.07  | 2.38 | 8.03  |
| 1998/05/18 23:00:00 | 465.83 | 6.74  | 73.72  | 2.26 | 8.19  |
| 1998/05/19 00:00:00 | 459.11 | 7.13  | 173.66 | 2.11 | 7.09  |
| 1998/05/19 01:00:00 | 130    | 6.66  | 234.89 | 1.79 | 6.45  |
| 1998/05/19 02:00:00 | 121.3  | 7.24  | 444.95 | 2.55 | 7.58  |
| 1998/05/19 03:00:00 | 125.41 | 7.79  | 446.71 | 2.08 | 7.43  |
| 1998/05/19 04:00:00 | 113.78 | 5.54  | 408.91 | 1.97 | 6.67  |
| 1998/05/19 05:00:00 | 122.85 | 4.08  | 419.19 | 2.15 | 6.03  |
| 1998/05/19 06:00:00 | 134.46 | 4.72  | 409.5  | 2.29 | 9.28  |
| 1998/05/19 07:00:00 | 120.23 | 3.97  | 407.76 | 1.55 | 7.13  |
| 1998/05/19 08:00:00 | 481.94 | 2.94  | 428.42 | 1.21 | 4.28  |
| 1998/05/19 09:00:00 | 263.69 | 2.22  | 296.63 | 1.48 | 1.01  |
| 1998/05/19 10:00:00 | 187.31 | 2.98  | 207.25 | 2.58 | -1.64 |
| 1998/05/19 11:00:00 | 202.15 | 2.67  | 235.23 | 3.02 | -2.18 |
| 1998/05/19 12:00:00 | 268.44 | 2.88  | 284.18 | 2.86 | -2.19 |
| 1998/05/19 13:00:00 | 285.25 | 3.32  | 272.01 | 3.4  | -2.57 |
| 1998/05/19 14:00:00 | 296.72 | 4.62  | 288.53 | 3.88 | -2.71 |
| 1998/05/19 15:00:00 | 295.05 | 3.47  | 282.79 | 3.6  | -1.05 |
| 1998/05/19 16:00:00 | 270.31 | 3.18  | 274.25 | 3.22 | -0.79 |
| 1998/05/19 17:00:00 | 211.55 | 3.08  | 267.17 | 2.95 | -1.44 |
| 1998/05/19 18:00:00 | 157.73 | 2.83  | 297.49 | 2.5  | -1.3  |
| 1998/05/19 19:00:00 | 121.45 | 3.35  | 336.53 | 1.84 | 1.12  |
| 1998/05/19 20:00:00 | 128.25 | 3.11  | 407.91 | 2.09 | 4.75  |
| 1998/05/19 21:00:00 | 131.2  | 4.84  | 412.4  | 2.66 | 7.55  |
| 1998/05/19 22:00:00 | 132.59 | 5.4   | 416.07 | 2.19 | 7.63  |
| 1998/05/19 23:00:00 | 157.09 | 8.26  | 433.01 | 1.84 | 6.85  |
| 1998/05/20 00:00:00 | 173.98 | 7.29  | 429.47 | 1.88 | 6.5   |
| 1998/05/20 01:00:00 | 170.18 | 7.03  | 98.14  | 2.27 | 6.2   |
| 1998/05/20 02:00:00 | 144.81 | 6.34  | 57.95  | 2.22 | 6.11  |
| 1998/05/20 03:00:00 | 136.4  | 6.59  | 64.57  | 2.72 | 5.91  |
| 1998/05/20 04:00:00 | 141.69 | 6.89  | 64.94  | 2.07 | 6.01  |
| 1998/05/20 05:00:00 | 133.23 | 7.21  | 338.15 | 2.04 | 5.15  |
| 1998/05/20 06:00:00 | 143.18 | 7.06  | 361.04 | 1.9  | 4.24  |
| 1998/05/20 07:00:00 | 182.02 | 7.1   | 422.72 | 2.15 | 4.9   |
| 1998/05/20 08:00:00 | 190.67 | 5.66  | 414.49 | 1.31 | 3.31  |
| 1998/05/20 09:00:00 | 214.71 | 5.16  | 218.02 | 2.91 | -0.94 |
| 1998/05/20 10:00:00 | 201.05 | 4.69  | 215.24 | 3.99 | -2.05 |
| 1998/05/20 11:00:00 | 206.17 | 3.76  | 222.24 | 3.65 | -2.11 |
| 1998/05/20 12:00:00 | 198.59 | 5.95  | 206.34 | 4.65 | -2.59 |
| 1998/05/20 13:00:00 | 205.09 | 6.19  | 215.11 | 4.95 | -2.66 |
| 1998/05/20 14:00:00 | 182.39 | 8.32  | 194.59 | 6.47 | -2.5  |
| 1998/05/20 15:00:00 | 188.56 | 9.25  | 204.27 | 6.69 | -1.62 |
| 1998/05/20 16:00:00 | 170.66 | 9.51  | 181.21 | 7.33 | -1.4  |
| 1998/05/20 17:00:00 | 186.2  | 7.97  | 202.66 | 5.8  | -1.52 |
| 1998/05/20 18:00:00 | 194.81 | 6.49  | 207.64 | 4.09 | -1.14 |
| 1998/05/20 19:00:00 | 192.31 | 5.43  | 216.26 | 2.53 | -0.3  |
| 1998/05/20 20:00:00 | 185.17 | 8.04  | 183.49 | 3.33 | 0.69  |
| 1998/05/20 21:00:00 | 170.15 | 9.33  | 167.39 | 5.06 | 0.39  |
| 1998/05/20 22:00:00 | 163.19 | 10.45 | 164.2  | 5.64 | 0.37  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/20 23:00:00 | 157.76 | 8.68  | 165.93 | 4.4  | 0.46  |
| 1998/05/21 00:00:00 | 170.11 | 8.57  | 170.49 | 4.48 | 0.26  |
| 1998/05/21 01:00:00 | 179.38 | 8.06  | 190.15 | 3.96 | 0.44  |
| 1998/05/21 02:00:00 | 179.07 | 9.1   | 180.69 | 4.54 | 0.19  |
| 1998/05/21 03:00:00 | 179.86 | 7.14  | 173.91 | 3.56 | 0.19  |
| 1998/05/21 04:00:00 | 178.28 | 7.3   | 160.38 | 3.55 | 0.64  |
| 1998/05/21 05:00:00 | 172.93 | 7.61  | 155.08 | 3.58 | 1.22  |
| 1998/05/21 06:00:00 | 165.54 | 7.32  | 135.76 | 2.55 | 2.24  |
| 1998/05/21 07:00:00 | 167.77 | 7.46  | 153.55 | 3.88 | 2.34  |
| 1998/05/21 08:00:00 | 167.05 | 6.18  | 161.36 | 3.96 | 0.82  |
| 1998/05/21 09:00:00 | 196.6  | 6.33  | 202.3  | 4.73 | -1.34 |
| 1998/05/21 10:00:00 | 205.21 | 9.53  | 210.14 | 6.5  | -1.69 |
| 1998/05/21 11:00:00 | 203.35 | 10.19 | 210.5  | 6.9  | -1.89 |
| 1998/05/21 12:00:00 | 197.97 | 8.26  | 206.49 | 6.52 | -2.12 |
| 1998/05/21 13:00:00 | 213.78 | 8.43  | 216.12 | 5.93 | -2.33 |
| 1998/05/21 14:00:00 | 228.34 | 6.32  | 217.86 | 4.9  | -2.16 |
| 1998/05/21 15:00:00 | 230.14 | 6.3   | 222.39 | 4.85 | -1.52 |
| 1998/05/21 16:00:00 | 189.33 | 8.33  | 203.4  | 6.02 | -1.7  |
| 1998/05/21 17:00:00 | 181.77 | 8.46  | 194.68 | 6.54 | -1.71 |
| 1998/05/21 18:00:00 | 166.87 | 9.11  | 172.73 | 6.96 | -1.32 |
| 1998/05/21 19:00:00 | 155.31 | 10.65 | 162.42 | 6.96 | -0.78 |
| 1998/05/21 20:00:00 | 142.61 | 8.92  | 144.53 | 4.39 | 0     |
| 1998/05/21 21:00:00 | 140.75 | 10.42 | 168.02 | 4.51 | 0.53  |
| 1998/05/21 22:00:00 | 145.12 | 11.2  | 145.53 | 5.55 | 0.49  |
| 1998/05/21 23:00:00 | 163.9  | 11.18 | 167.65 | 6.65 | -0.06 |
| 1998/05/22 00:00:00 | 176.21 | 9.87  | 182.16 | 5.67 | 0.06  |
| 1998/05/22 01:00:00 | 181.86 | 8.12  | 174.69 | 4.19 | 0.24  |
| 1998/05/22 02:00:00 | 177.25 | 8.08  | 172.65 | 4.72 | -0.04 |
| 1998/05/22 03:00:00 | 168.1  | 7.27  | 167.29 | 4.35 | -0.06 |
| 1998/05/22 04:00:00 | 159.27 | 6.72  | 152.26 | 4.06 | -0.12 |
| 1998/05/22 05:00:00 | 150.12 | 6.48  | 142.85 | 3.52 | 0.22  |
| 1998/05/22 06:00:00 | 173.31 | 7.2   | 166.29 | 4.06 | 0.18  |
| 1998/05/22 07:00:00 | 175.92 | 7.98  | 175.29 | 4.52 | 0.09  |
| 1998/05/22 08:00:00 | 186.7  | 7.48  | 188.21 | 4.73 | -0.63 |
| 1998/05/22 09:00:00 | 192.51 | 7.43  | 202.4  | 5.59 | -1.61 |
| 1998/05/22 10:00:00 | 202.9  | 10.05 | 207.68 | 6.78 | -1.83 |
| 1998/05/22 11:00:00 | 191.45 | 11.48 | 201.77 | 8.33 | -2.24 |
| 1998/05/22 12:00:00 | 215.09 | 9.08  | 213.55 | 6.68 | -2.48 |
| 1998/05/22 13:00:00 | 215.26 | 9.38  | 219.69 | 6.41 | -2.77 |
| 1998/05/22 14:00:00 | 211.31 | 10.54 | 215.05 | 7.42 | -2.55 |
| 1998/05/22 15:00:00 | 204.01 | 10.9  | 212.86 | 7.7  | -1.66 |
| 1998/05/22 16:00:00 | 186.56 | 11.2  | 201.7  | 8.21 | -1.55 |
| 1998/05/22 17:00:00 | 177.56 | 11.33 | 187.25 | 8.55 | -1.51 |
| 1998/05/22 18:00:00 | 172.21 | 8.64  | 182.91 | 5.82 | -0.98 |
| 1998/05/22 19:00:00 | 159.78 | 8.69  | 165.83 | 5.91 | -0.84 |
| 1998/05/22 20:00:00 | 152.05 | 10.73 | 163.59 | 6.62 | -0.25 |
| 1998/05/22 21:00:00 | 153.13 | 12.42 | 162.79 | 7.1  | -0.1  |
| 1998/05/22 22:00:00 | 155.47 | 13.78 | 165.82 | 8.45 | -0.22 |
| 1998/05/22 23:00:00 | 158.42 | 13.07 | 168.55 | 8.43 | -0.28 |
| 1998/05/23 00:00:00 | 165.87 | 11.72 | 171.82 | 8.03 | -0.32 |
| 1998/05/23 01:00:00 | 176.81 | 9.7   | 177.61 | 6.1  | 0.08  |
| 1998/05/23 02:00:00 | 173.19 | 9.83  | 172.61 | 5.84 | -0.03 |
| 1998/05/23 03:00:00 | 172.86 | 8.7   | 173    | 5.54 | 0.29  |
| 1998/05/23 04:00:00 | 174.35 | 8.77  | 175.5  | 5.25 | 0.72  |
| 1998/05/23 05:00:00 | 166.54 | 7.76  | 166.46 | 4.06 | 1.26  |
| 1998/05/23 06:00:00 | 181.93 | 7.34  | 181.25 | 3.83 | 1.82  |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/23 07:00:00 | 172.38 | 8.14  | 161.65 | 4.57 | 2.34  |
| 1998/05/23 08:00:00 | 177.56 | 7.37  | 182.19 | 4.85 | 0.78  |
| 1998/05/23 09:00:00 | 182.82 | 7.03  | 189.26 | 5.17 | -1.4  |
| 1998/05/23 10:00:00 | 196.75 | 8.8   | 204.87 | 6.17 | -1.83 |
| 1998/05/23 11:00:00 | 209.31 | 10.77 | 214.17 | 6.76 | -1.87 |
| 1998/05/23 12:00:00 | 200.13 | 11.23 | 208.32 | 7.77 | -2.12 |
| 1998/05/23 13:00:00 | 197.26 | 9.82  | 209.48 | 7.42 | -2.36 |
| 1998/05/23 14:00:00 | 184.46 | 10.64 | 195.01 | 7.97 | -2.3  |
| 1998/05/23 15:00:00 | 174.72 | 11.06 | 184.02 | 8.46 | -1.74 |
| 1998/05/23 16:00:00 | 184.96 | 9.29  | 198.59 | 6.71 | -1.57 |
| 1998/05/23 17:00:00 | 180.52 | 5.94  | 191.08 | 3.4  | -0.89 |
| 1998/05/23 18:00:00 | 165.65 | 6.41  | 171.09 | 3.19 | -0.52 |
| 1998/05/23 19:00:00 | 131.09 | 6.64  | 154.87 | 3.18 | -0.24 |
| 1998/05/23 20:00:00 | 141.97 | 8.81  | 178.25 | 4.23 | 0.11  |
| 1998/05/23 21:00:00 | 166.55 | 8.03  | 170.91 | 4.29 | -0.09 |
| 1998/05/23 22:00:00 | 158.21 | 13.11 | 168.97 | 7.55 | -0.08 |
| 1998/05/23 23:00:00 | 172.51 | 9.56  | 179.01 | 5.57 | -0.06 |
| 1998/05/24 00:00:00 | 165.87 | 9.89  | 171.47 | 6.07 | -0.17 |
| 1998/05/24 01:00:00 | 185.99 | 7.87  | 188.53 | 4.27 | 0.22  |
| 1998/05/24 02:00:00 | 166.95 | 10.04 | 166.73 | 5.94 | 0.09  |
| 1998/05/24 03:00:00 | 164.61 | 10.25 | 169.84 | 6.53 | 0.31  |
| 1998/05/24 04:00:00 | 171.25 | 9.84  | 177.08 | 6.65 | 0.7   |
| 1998/05/24 05:00:00 | 184.77 | 8.11  | 189.01 | 5.31 | 0.45  |
| 1998/05/24 06:00:00 | 190.79 | 9.72  | 194.94 | 6.25 | 0.09  |
| 1998/05/24 07:00:00 | 190.88 | 7.09  | 199.81 | 4.03 | 0.34  |
| 1998/05/24 08:00:00 | 188.88 | 4.72  | 188.06 | 3.02 | -0.53 |
| 1998/05/24 09:00:00 | 195.88 | 4.07  | 209.1  | 3.28 | -1.24 |
| 1998/05/24 10:00:00 | 208.74 | 5.97  | 213.93 | 4.45 | -1.77 |
| 1998/05/24 11:00:00 | 197.08 | 6.97  | 203.61 | 4.93 | -1.83 |
| 1998/05/24 12:00:00 | 226.86 | 5.57  | 224.89 | 3.72 | -1.75 |
| 1998/05/24 13:00:00 | 185.7  | 7.39  | 196.07 | 5.85 | -2.15 |
| 1998/05/24 14:00:00 | 194.78 | 7.71  | 205.36 | 5.85 | -2.13 |
| 1998/05/24 15:00:00 | 180.89 | 6.9   | 194.38 | 5.77 | -1.83 |
| 1998/05/24 16:00:00 | 175.74 | 7.99  | 182.18 | 6.4  | -1.5  |
| 1998/05/24 17:00:00 | 164.04 | 8.31  | 170.31 | 6.08 | -1.49 |
| 1998/05/24 18:00:00 | 164.99 | 7.68  | 169.72 | 5.39 | -1.31 |
| 1998/05/24 19:00:00 | 148.82 | 8.01  | 155.92 | 4.85 | -0.61 |
| 1998/05/24 20:00:00 | 128.57 | 6.39  | 360.75 | 2.86 | 0.19  |
| 1998/05/24 21:00:00 | 111.06 | 5.86  | 341.56 | 2.14 | 1.5   |
| 1998/05/24 22:00:00 | 104.95 | 7.34  | 363.86 | 1.94 | 1.49  |
| 1998/05/24 23:00:00 | 108.57 | 8     | 361.07 | 2.28 | 0.88  |
| 1998/05/25 00:00:00 | 122.6  | 9.52  | 254.76 | 2.92 | 1.05  |
| 1998/05/25 01:00:00 | 130.24 | 9.65  | 229.74 | 3.16 | 1.18  |
| 1998/05/25 02:00:00 | 163.43 | 9.68  | 173.82 | 5.47 | 0.14  |
| 1998/05/25 03:00:00 | 179.97 | 6.43  | 175.52 | 3.21 | 0.17  |
| 1998/05/25 04:00:00 | 174.33 | 6.07  | 149.95 | 2.39 | 0.6   |
| 1998/05/25 05:00:00 | 184.82 | 5.16  | 324.23 | 1.95 | 1.71  |
| 1998/05/25 06:00:00 | 153.49 | 4.68  | 438    | 1.97 | 2.63  |
| 1998/05/25 07:00:00 | 109.29 | 5.5   | 429.34 | 2.86 | 2.89  |
| 1998/05/25 08:00:00 | 104.43 | 6.6   | 293.36 | 2.76 | 1.33  |
| 1998/05/25 09:00:00 | 134.77 | 4.79  | 263.3  | 2.72 | -0.69 |
| 1998/05/25 10:00:00 | 205.56 | 6.59  | 204.82 | 4.72 | -2.27 |
| 1998/05/25 11:00:00 | 223.77 | 6.2   | 224.32 | 4.24 | -2.31 |
| 1998/05/25 12:00:00 | 212.28 | 6.19  | 212.58 | 5.11 | -2.46 |
| 1998/05/25 13:00:00 | 214.75 | 6.71  | 215.76 | 5.3  | -2.44 |
| 1998/05/25 14:00:00 | 214.52 | 6.17  | 213.83 | 5.11 | -2.37 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/25 15:00:00 | 217.93 | 7.71  | 221.84 | 5.73 | -1.28 |
| 1998/05/25 16:00:00 | 193.17 | 8.45  | 201.77 | 6.6  | -1.59 |
| 1998/05/25 17:00:00 | 177.9  | 7.02  | 186.12 | 5.79 | -1.72 |
| 1998/05/25 18:00:00 | 166.13 | 6.78  | 174.57 | 5.31 | -1.43 |
| 1998/05/25 19:00:00 | 159.69 | 6.49  | 191.03 | 3.52 | -0.41 |
| 1998/05/25 20:00:00 | 146.45 | 4.45  | 390.54 | 1.98 | 1.43  |
| 1998/05/25 21:00:00 | 136.55 | 4.6   | 421.32 | 2.68 | 3.29  |
| 1998/05/25 22:00:00 | 142.88 | 5.62  | 331.16 | 2.24 | 3.94  |
| 1998/05/25 23:00:00 | 152.51 | 5.92  | 378.35 | 2.2  | 3.69  |
| 1998/05/26 00:00:00 | 176.65 | 6.45  | 368.15 | 1.71 | 3.58  |
| 1998/05/26 01:00:00 | 158.34 | 7.69  | 166.2  | 2.95 | 1.78  |
| 1998/05/26 02:00:00 | 165.58 | 8.58  | 158.68 | 4.63 | 0.28  |
| 1998/05/26 03:00:00 | 178.02 | 9.1   | 180.11 | 5.08 | 0.06  |
| 1998/05/26 04:00:00 | 189.38 | 7.41  | 202.89 | 3.41 | 0.3   |
| 1998/05/26 05:00:00 | 171.4  | 5.36  | 240.42 | 2.15 | 0.55  |
| 1998/05/26 06:00:00 | 156.71 | 8.13  | 150.41 | 3.95 | 0.58  |
| 1998/05/26 07:00:00 | 143.97 | 9.05  | 154.09 | 4.43 | 0.57  |
| 1998/05/26 08:00:00 | 156.47 | 5.59  | 165.79 | 3.22 | -0.78 |
| 1998/05/26 09:00:00 | 160.35 | 7.04  | 173.23 | 5.56 | -1.65 |
| 1998/05/26 10:00:00 | 196.96 | 6.35  | 198.29 | 5.13 | -1.96 |
| 1998/05/26 11:00:00 | 227.96 | 6.13  | 227.19 | 4.26 | -2.31 |
| 1998/05/26 12:00:00 | 240.18 | 7.49  | 240.53 | 4.6  | -2.75 |
| 1998/05/26 13:00:00 | 220.88 | 10.78 | 220.6  | 7.5  | -2.67 |
| 1998/05/26 14:00:00 | 229.44 | 7.61  | 221.25 | 5.65 | -2.57 |
| 1998/05/26 15:00:00 | 228.58 | 6.79  | 220.59 | 5.26 | -1.06 |
| 1998/05/26 16:00:00 | 242.24 | 4.68  | 251.39 | 3.6  | -0.95 |
| 1998/05/26 17:00:00 | 255.36 | 3.52  | 283.25 | 3.06 | -1.14 |
| 1998/05/26 18:00:00 | 225.06 | 5.45  | 250.6  | 3.18 | -1.48 |
| 1998/05/26 19:00:00 | 220    | 4.1   | 251.3  | 2.13 | -0.56 |
| 1998/05/26 20:00:00 | 178.02 | 2.66  | 324.44 | 1.87 | 1.1   |
| 1998/05/26 21:00:00 | 113.21 | 3.72  | 401.42 | 2.73 | 3.64  |
| 1998/05/26 22:00:00 | 122.78 | 6.75  | 126.45 | 2.2  | 3.29  |
| 1998/05/26 23:00:00 | 143.96 | 6.36  | 358.28 | 2.42 | 5.57  |
| 1998/05/27 00:00:00 | 148.62 | 4.4   | 408.57 | 2.42 | 5.04  |
| 1998/05/27 01:00:00 | 142.04 | 9.1   | 179.21 | 4.28 | 2.06  |
| 1998/05/27 02:00:00 | 152.97 | 12.51 | 162.79 | 7.07 | 0.04  |
| 1998/05/27 03:00:00 | 172.69 | 9     | 178.14 | 5.35 | -0.07 |
| 1998/05/27 04:00:00 | 173.47 | 8.69  | 167.18 | 4.65 | 0.17  |
| 1998/05/27 05:00:00 | 180.42 | 7.58  | 194    | 3.87 | 0.36  |
| 1998/05/27 06:00:00 | 173.42 | 6.02  | 164.53 | 2.73 | 0.69  |
| 1998/05/27 07:00:00 | 164.88 | 6.58  | 161.26 | 3.29 | 0.67  |
| 1998/05/27 08:00:00 | 159.38 | 4.7   | 158.33 | 3.16 | -0.87 |
| 1998/05/27 09:00:00 | 205.21 | 4.49  | 200.11 | 3.45 | -1.73 |
| 1998/05/27 10:00:00 | 235.99 | 4.49  | 229.76 | 3.88 | -1.92 |
| 1998/05/27 11:00:00 | 215.41 | 4.69  | 220.56 | 4.26 | -2.19 |
| 1998/05/27 12:00:00 | 214.64 | 3.92  | 224.85 | 3.64 | -1.95 |
| 1998/05/27 13:00:00 | 246.61 | 4.53  | 273.25 | 3.91 | -2.25 |
| 1998/05/27 14:00:00 | 296.11 | 4.52  | 308.93 | 3.92 | -2.31 |
| 1998/05/27 15:00:00 | 235.71 | 4.55  | 250.43 | 3.8  | -0.97 |
| 1998/05/27 16:00:00 | 287.21 | 4.4   | 275.57 | 3.71 | -1.05 |
| 1998/05/27 17:00:00 | 348.35 | 4.73  | 342.69 | 3.34 | -1.27 |
| 1998/05/27 18:00:00 | 194.9  | 5.48  | 415.27 | 3.26 | -1.37 |
| 1998/05/27 19:00:00 | 421.15 | 4.6   | 386    | 2.36 | 0.38  |
| 1998/05/27 20:00:00 | 363.86 | 3.59  | 382.71 | 1.42 | 3.77  |
| 1998/05/27 21:00:00 | 348.94 | 3.07  | 402.27 | 1.94 | 5.05  |
| 1998/05/27 22:00:00 | 439.55 | 4.65  | 412.38 | 2.25 | 7.79  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/05/27 23:00:00 | 471.94 | 6.6   | 427.25 | 2.05 | 7.64  |
| 1998/05/28 00:00:00 | 481.08 | 7.03  | 425.13 | 1.94 | 6.03  |
| 1998/05/28 01:00:00 | 133.65 | 6.45  | 136.66 | 1.73 | 6.18  |
| 1998/05/28 02:00:00 | 104.95 | 7.54  | 424.49 | 2.39 | 2.9   |
| 1998/05/28 03:00:00 | 115.39 | 9.56  | 404.91 | 3.76 | 1.25  |
| 1998/05/28 04:00:00 | 124.04 | 7.37  | 271.19 | 2.59 | 1.57  |
| 1998/05/28 05:00:00 | 137.28 | 6.72  | 172.3  | 2.08 | 1.22  |
| 1998/05/28 06:00:00 | 143.19 | 8.43  | 223.32 | 3.01 | 0.95  |
| 1998/05/28 07:00:00 | 161.92 | 4.54  | 388.59 | 1.93 | 1.27  |
| 1998/05/28 08:00:00 | 155.49 | 4.41  | 242.47 | 2.46 | -0.42 |
| 1998/05/28 09:00:00 | 162.42 | 4.3   | 165.17 | 3.24 | -1.66 |
| 1998/05/28 10:00:00 | 241.94 | 3.28  | 243.54 | 3    | -1.5  |
| 1998/05/28 11:00:00 | 230.38 | 3.37  | 239.42 | 2.94 | -2.37 |
| 1998/05/28 12:00:00 | 266.22 | 3.96  | 270.04 | 3.36 | -1.68 |
| 1998/05/28 13:00:00 | 309.58 | 3.01  | 324.74 | 2.62 | -1.39 |
| 1998/05/28 14:00:00 | 308.41 | 2.77  | 326.94 | 2.48 | -1.22 |
| 1998/05/28 15:00:00 | 298.69 | 3.65  | 297.95 | 2.88 | -1.17 |
| 1998/05/28 16:00:00 | 302.09 | 4.33  | 309.7  | 3.25 | -0.87 |
| 1998/05/28 17:00:00 | 304.15 | 5     | 316.74 | 3.9  | -1.41 |
| 1998/05/28 18:00:00 | 307.48 | 5.41  | 309.71 | 3.44 | -1.62 |
| 1998/05/28 19:00:00 | 312.22 | 3.53  | 315.27 | 2.32 | -1.09 |
| 1998/05/28 20:00:00 | 351.96 | 4.26  | 398.59 | 2.12 | 2.76  |
| 1998/05/28 21:00:00 | 246.32 | 5.32  | 364.82 | 2.35 | 2.77  |
| 1998/05/28 22:00:00 | 167.74 | 11.6  | 165.39 | 6.72 | -0.55 |
| 1998/05/28 23:00:00 | 154.37 | 7.94  | 165.58 | 4.47 | -0.15 |
| 1998/05/29 00:00:00 | 145.04 | 8.59  | 158.09 | 4.35 | -0.11 |
| 1998/05/29 01:00:00 | 113.76 | 9.42  | 230.71 | 4.06 | -0.26 |
| 1998/05/29 02:00:00 | 182.99 | 7.27  | 217.47 | 3.49 | -0.5  |
| 1998/05/29 03:00:00 | 219.97 | 7.74  | 258.26 | 3.44 | -0.02 |
| 1998/05/29 04:00:00 | 147.42 | 9.48  | 192.81 | 4.26 | 0.79  |
| 1998/05/29 05:00:00 | 155.64 | 7.81  | 156.95 | 3.66 | 0.85  |
| 1998/05/29 06:00:00 | 155.46 | 9.67  | 158.55 | 4.8  | 1.48  |
| 1998/05/29 07:00:00 | 166.11 | 8.44  | 163.31 | 4.79 | 1.87  |
| 1998/05/29 08:00:00 | 183.88 | 7.26  | 193.82 | 4.69 | 0.32  |
| 1998/05/29 09:00:00 | 208.2  | 7.29  | 212.61 | 4.95 | -1.28 |
| 1998/05/29 10:00:00 | 219.27 | 5.61  | 229.78 | 3.74 | -7.9  |
| 1998/05/29 11:00:00 | 213.71 | 5.78  | 220.52 | 4.4  | -0.39 |
| 1998/05/29 12:00:00 | 181.37 | 3.3   | 188.73 | 2.87 | -0.29 |
| 1998/05/29 13:00:00 | 399.23 | 10.49 | 402.77 | 7.26 | -0.71 |
| 1998/05/29 14:00:00 | 372.41 | 9.37  | 373.57 | 6.15 | -0.63 |
| 1998/05/29 15:00:00 | 310.15 | 6.64  | 304.3  | 3.66 | -0.26 |
| 1998/05/29 16:00:00 | 337.81 | 6.08  | 346.85 | 3.38 | -0.74 |
| 1998/05/29 17:00:00 | 173.06 | 4.67  | 176.06 | 3.41 | -1.69 |
| 1998/05/29 18:00:00 | 108.5  | 7.87  | 269.06 | 4.05 | -1.61 |
| 1998/05/29 19:00:00 | 278.58 | 4.32  | 315.55 | 2.56 | -1.42 |
| 1998/05/29 20:00:00 | 372.62 | 3.97  | 374.73 | 2.01 | -1.69 |
| 1998/05/29 21:00:00 | 373.86 | 5.7   | 376.76 | 2.48 | -2.38 |
| 1998/05/29 22:00:00 | 401.01 | 7.04  | 406.32 | 3    | -2.61 |
| 1998/05/29 23:00:00 | 416.78 | 7.22  | 375.55 | 2.53 | -2.19 |
| 1998/05/30 00:00:00 | 419.65 | 5.19  | 445.6  | 1.68 | -2.29 |
| 1998/05/30 01:00:00 | 90.37  | 6.08  | 341.43 | 2.11 | -2.16 |
| 1998/05/30 02:00:00 | 304.95 | 4.85  | 283.34 | 1.83 | -2.62 |
| 1998/05/30 03:00:00 | 360.93 | 3.52  | 384.84 | 2.44 | -2.93 |
| 1998/05/30 04:00:00 | 432.87 | 4.67  | 400.6  | 2.34 | -3.35 |
| 1998/05/30 05:00:00 | 461.17 | 3.98  | 426.83 | 2.08 | -3.77 |
| 1998/05/30 06:00:00 | 478.14 | 2.87  | 409.51 | 2.13 | -4.41 |



## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/05/30 07:00:00 | 457.82 | 3.54 | 416.78 | 2.53 | -5.84 |
| 1998/05/30 08:00:00 | 429.41 | 3.59 | 204.05 | 2.17 | -3.38 |
| 1998/05/30 09:00:00 | 201.05 | 1.97 | 266.67 | 1.94 | -0.59 |
| 1998/05/30 10:00:00 | 279.19 | 3.51 | 285.35 | 3.09 | 0.5   |
| 1998/05/30 11:00:00 | 295.86 | 4.75 | 304.2  | 4.09 | 0.66  |
| 1998/05/30 12:00:00 | 306.63 | 5.45 | 316.61 | 4.45 | 0.65  |
| 1998/05/30 13:00:00 | 324.56 | 6.43 | 327.48 | 5.16 | 0.28  |
| 1998/05/30 14:00:00 | 319.6  | 5.09 | 329.61 | 4.28 | 0.57  |
| 1998/05/30 15:00:00 | 298.57 | 5.7  | 302.32 | 4.36 | 0.76  |
| 1998/05/30 16:00:00 | 307.64 | 5.55 | 312.74 | 4.38 | 0.63  |
| 1998/05/30 17:00:00 | 347.13 | 4.73 | 352.47 | 3.68 | 0.05  |
| 1998/05/30 18:00:00 | 360.42 | 5.64 | 365.79 | 4.24 | -0.41 |
| 1998/05/30 19:00:00 | 367.1  | 5.45 | 374.62 | 3.21 | -0.51 |
| 1998/05/30 20:00:00 | 378.91 | 7.34 | 388.45 | 3    | 0.84  |
| 1998/05/30 21:00:00 | 394.18 | 8.9  | 400.76 | 3.21 | 1.39  |
| 1998/05/30 22:00:00 | 406.09 | 8.45 | 410.4  | 3.07 | 0.64  |
| 1998/05/30 23:00:00 | 411.16 | 8.82 | 411.63 | 3.42 | 0.52  |
| 1998/05/31 00:00:00 | 425.74 | 8.4  | 423.43 | 2.17 | 0.99  |
| 1998/05/31 01:00:00 | 97.28  | 8.02 | 322.49 | 2.25 | 0.69  |
| 1998/05/31 02:00:00 | 94.08  | 7.87 | 339.79 | 2.78 | -0.4  |
| 1998/05/31 03:00:00 | 95.11  | 7.65 | 391.7  | 2.31 | -1    |
| 1998/05/31 04:00:00 | 98.56  | 5.92 | 236.09 | 1.45 | -2.09 |
| 1998/05/31 05:00:00 | 119.28 | 6.48 | 103.52 | 2.49 | -2.07 |
| 1998/05/31 06:00:00 | 120.96 | 7.79 | 212.43 | 2.79 | -1.07 |
| 1998/05/31 07:00:00 | 112.11 | 9.22 | 442.56 | 3.46 | -0.54 |
| 1998/05/31 08:00:00 | 112.94 | 8.38 | 341.44 | 2.88 | 0.47  |
| 1998/05/31 09:00:00 | 154.55 | 4.41 | 237.77 | 2.42 | -0.16 |
| 1998/05/31 10:00:00 | 172.37 | 2.49 | 203.5  | 2.33 | 0.17  |
| 1998/05/31 11:00:00 | 224.61 | 3.41 | 248.37 | 3.11 | 0.8   |
| 1998/05/31 12:00:00 | 216.19 | 3.38 | 232.17 | 3.32 | 0.91  |
| 1998/05/31 13:00:00 | 203.64 | 3.14 | 223.58 | 3.05 | 0.64  |
| 1998/05/31 14:00:00 | 220.97 | 3.46 | 257.88 | 3.05 | 0.83  |
| 1998/05/31 15:00:00 | 214.42 | 3.84 | 232.72 | 3.42 | 0.87  |
| 1998/05/31 16:00:00 | 202.07 | 4.01 | 205.2  | 3.41 | 0.67  |
| 1998/05/31 17:00:00 | 188.85 | 3.49 | 209.16 | 3.31 | 0.22  |
| 1998/05/31 18:00:00 | 168.83 | 4.59 | 179.93 | 4.02 | -0.56 |
| 1998/05/31 19:00:00 | 130.36 | 5.3  | 172.89 | 2.95 | -0.33 |
| 1998/05/31 20:00:00 | 144.03 | 7.24 | 168.91 | 3.04 | 0.19  |
| 1998/05/31 21:00:00 | 141.17 | 7.74 | 142.89 | 2.62 | 1.18  |
| 1998/05/31 22:00:00 | 144.25 | 8.02 | 148.99 | 2.41 | 1.26  |
| 1998/05/31 23:00:00 | 144.32 | 8.7  | 180.04 | 2.67 | 1.29  |
| 1998/06/01 00:00:00 | 157.42 | 7.77 | 177.64 | 2.2  | 1.27  |
| 1998/06/01 01:00:00 | 176.68 | 9.69 | 177.02 | 4.95 | 0.26  |
| 1998/06/01 02:00:00 | 190.66 | 9.59 | 184.6  | 4.52 | -0.03 |
| 1998/06/01 03:00:00 | 196.37 | 8.49 | 195.52 | 3.91 | -0.1  |
| 1998/06/01 04:00:00 | 208.32 | 7.45 | 194.82 | 2.34 | 0.01  |
| 1998/06/01 05:00:00 | 205.8  | 7.14 | 178.08 | 1.98 | -0.16 |
| 1998/06/01 06:00:00 | 204.57 | 8.73 | 206.42 | 3.84 | -0.59 |
| 1998/06/01 07:00:00 | 213.2  | 8.09 | 206.63 | 3.76 | -0.32 |
| 1998/06/01 08:00:00 | 220.02 | 8.43 | 212.2  | 4.77 | -0.24 |
| 1998/06/01 09:00:00 | 216.55 | 8.32 | 214.04 | 5.54 | -0.37 |
| 1998/06/01 10:00:00 | 212.01 | 7.45 | 212.53 | 5.53 | -0.42 |
| 1998/06/01 11:00:00 | 213.88 | 7.66 | 214.39 | 5.94 | -0.29 |
| 1998/06/01 12:00:00 | 207.64 | 8.28 | 202.79 | 6.29 | -0.45 |
| 1998/06/01 13:00:00 | 204    | 8.65 | 203.72 | 6.53 | -0.43 |
| 1998/06/01 14:00:00 | 209.1  | 8.15 | 206.95 | 5.98 | -0.4  |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/06/01 15:00:00 | 205.96 | 7.57  | 210.87 | 5.74 | -0.18 |
| 1998/06/01 16:00:00 | 196.85 | 9.8   | 200.7  | 7.11 | -0.23 |
| 1998/06/01 17:00:00 | 184.45 | 9.63  | 191.33 | 7.21 | -0.65 |
| 1998/06/01 18:00:00 | 180.19 | 9.63  | 188.5  | 7.19 | -0.62 |
| 1998/06/01 19:00:00 | 165.28 | 9.62  | 171.07 | 6.71 | -0.65 |
| 1998/06/01 20:00:00 | 160.93 | 10.2  | 169.12 | 6.04 | -0.42 |
| 1998/06/01 21:00:00 | 159.76 | 11.76 | 166.07 | 6.67 | -0.23 |
| 1998/06/01 22:00:00 | 170.1  | 11.26 | 171.57 | 6.17 | -0.21 |
| 1998/06/01 23:00:00 | 177    | 10.56 | 182.93 | 6.59 | -0.28 |
| 1998/06/02 00:00:00 | 184.99 | 11.46 | 189.8  | 6.91 | -0.25 |
| 1998/06/02 01:00:00 | 191.39 | 11.72 | 194.36 | 7.05 | -0.13 |
| 1998/06/02 02:00:00 | 191.26 | 11.35 | 190.73 | 6.58 | -0.15 |
| 1998/06/02 03:00:00 | 188.54 | 11.35 | 184.49 | 6.27 | -0.2  |
| 1998/06/02 04:00:00 | 193.42 | 11.8  | 194.5  | 7.06 | -0.26 |
| 1998/06/02 05:00:00 | 194.79 | 12.6  | 194.59 | 7.53 | -0.31 |
| 1998/06/02 06:00:00 | 198.11 | 10.81 | 199.15 | 6.65 | -0.53 |
| 1998/06/02 07:00:00 | 194.5  | 11.57 | 192.05 | 7.39 | -0.58 |
| 1998/06/02 08:00:00 | 198.02 | 11.97 | 198.94 | 7.85 | -0.83 |
| 1998/06/02 09:00:00 | 205.29 | 12.47 | 208.76 | 8.08 | -0.85 |
| 1998/06/02 10:00:00 | 205.41 | 12.25 | 207.92 | 7.97 | -0.9  |
| 1998/06/02 11:00:00 | 206.6  | 11.38 | 211    | 7.59 | -0.79 |
| 1998/06/02 12:00:00 | 203.4  | 9.8   | 207.39 | 6.93 | -0.62 |
| 1998/06/02 13:00:00 | 193.1  | 9.09  | 197.36 | 6.8  | -0.63 |
| 1998/06/02 14:00:00 | 193    | 9.56  | 201.66 | 7.64 | -0.6  |
| 1998/06/02 15:00:00 | 187.9  | 9.78  | 192.55 | 7.76 | -0.52 |
| 1998/06/02 16:00:00 | 178.91 | 10.37 | 187.87 | 7.99 | -0.74 |
| 1998/06/02 17:00:00 | 178.91 | 10.37 | 187.87 | 7.99 | -0.74 |
| 1998/06/02 18:00:00 | 168.64 | 10.01 | 176.03 | 7.51 | -0.87 |
| 1998/06/02 19:00:00 | 164.49 | 9.65  | 170.53 | 7    | -0.77 |
| 1998/06/02 20:00:00 | 160.57 | 11.65 | 168.12 | 7.02 | -0.5  |
| 1998/06/02 21:00:00 | 156.27 | 11.98 | 166.9  | 7.18 | -0.37 |
| 1998/06/02 22:00:00 | 166.02 | 11.9  | 169.94 | 6.99 | -0.45 |
| 1998/06/02 23:00:00 | 174.05 | 10.01 | 177.96 | 5.88 | -0.37 |
| 1998/06/03 00:00:00 | 181.04 | 11.24 | 186.29 | 6.97 | -0.39 |
| 1998/06/03 01:00:00 | 182.34 | 10.57 | 184.41 | 6.28 | -0.27 |
| 1998/06/03 02:00:00 | 180.53 | 9.63  | 185.07 | 5.68 | -0.47 |
| 1998/06/03 03:00:00 | 181.15 | 9.18  | 181.85 | 5.3  | -0.56 |
| 1998/06/03 04:00:00 | 177.89 | 7.69  | 168.64 | 4.15 | -0.76 |
| 1998/06/03 05:00:00 | 172.63 | 7.42  | 162.96 | 4.17 | -0.92 |
| 1998/06/03 06:00:00 | 171.18 | 6.74  | 161.11 | 3.89 | -1.1  |
| 1998/06/03 07:00:00 | 184.42 | 9.51  | 182.37 | 5.69 | -1.18 |
| 1998/06/03 08:00:00 | 184.44 | 9.3   | 184.29 | 6.19 | -0.96 |
| 1998/06/03 09:00:00 | 193.24 | 11.3  | 199.54 | 7.58 | -0.82 |
| 1998/06/03 10:00:00 | 198.45 | 9.85  | 201.31 | 6.67 | -0.77 |
| 1998/06/03 11:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/03 12:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/03 13:00:00 | 188.15 | 9.45  | 195.08 | 7.35 | -0.64 |
| 1998/06/03 14:00:00 | 186.61 | 11.25 | 195.45 | 8.41 | -0.71 |
| 1998/06/03 15:00:00 | 189.96 | 12.72 | 195.19 | 8.99 | -0.54 |
| 1998/06/03 16:00:00 | 187.99 | 11.91 | 191.38 | 8.83 | -0.52 |
| 1998/06/03 17:00:00 | 188.67 | 12.65 | 195.3  | 9.2  | -0.7  |
| 1998/06/03 18:00:00 | 179.06 | 11.92 | 185.97 | 8.78 | -0.82 |
| 1998/06/03 19:00:00 | 174.24 | 10.56 | 181.53 | 7.2  | -0.7  |
| 1998/06/03 20:00:00 | 172.92 | 8.77  | 184.27 | 5.47 | -0.38 |
| 1998/06/03 21:00:00 | 165.44 | 10.33 | 171.09 | 5.51 | -0.3  |
| 1998/06/03 22:00:00 | 157.39 | 11.8  | 166.2  | 6.8  | -0.44 |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/06/03 23:00:00 | 153.56 | 13.06 | 162.68 | 8.04  | -0.55 |
| 1998/06/04 00:00:00 | 155.15 | 11.92 | 168.02 | 7.53  | -0.6  |
| 1998/06/04 01:00:00 | 164.13 | 7.84  | 175.33 | 4.5   | -0.4  |
| 1998/06/04 02:00:00 | 155.15 | 8.86  | 161.86 | 4.92  | -0.58 |
| 1998/06/04 03:00:00 | 152.43 | 8.99  | 163.98 | 5.39  | -0.71 |
| 1998/06/04 04:00:00 | 152.05 | 7.95  | 158.25 | 5.02  | -0.77 |
| 1998/06/04 05:00:00 | 137.17 | 8.47  | 143.63 | 4.7   | -0.67 |
| 1998/06/04 06:00:00 | 147.73 | 10.27 | 153.18 | 5.86  | -0.76 |
| 1998/06/04 07:00:00 | 160.95 | 10.87 | 166.96 | 6.78  | -0.79 |
| 1998/06/04 08:00:00 | 161.35 | 11.01 | 171.03 | 7.48  | -0.76 |
| 1998/06/04 09:00:00 | 173.3  | 9.78  | 184.42 | 7.14  | -0.79 |
| 1998/06/04 10:00:00 | 173.27 | 11.84 | 178.16 | 8.92  | -0.81 |
| 1998/06/04 11:00:00 | 180.9  | 13.26 | 189.82 | 9.3   | -0.8  |
| 1998/06/04 12:00:00 | 185.34 | 12.4  | 193.98 | 8.53  | -0.72 |
| 1998/06/04 13:00:00 | 182.58 | 13.36 | 190.19 | 10.24 | -0.93 |
| 1998/06/04 14:00:00 | 180.36 | 14.31 | 187.83 | 10.55 | -1.1  |
| 1998/06/04 15:00:00 | 185.56 | 13.69 | 192.8  | 9.97  | -0.77 |
| 1998/06/04 16:00:00 | 182.24 | 12.59 | 191.36 | 9.37  | -0.65 |
| 1998/06/04 17:00:00 | 175.35 | 13.55 | 184.99 | 9.84  | -0.82 |
| 1998/06/04 18:00:00 | 174.57 | 11.69 | 184.55 | 8.86  | -0.76 |
| 1998/06/04 19:00:00 | 173.47 | 10.15 | 182.32 | 7.2   | -0.65 |
| 1998/06/04 20:00:00 | 167.89 | 11    | 173.32 | 7.27  | -0.63 |
| 1998/06/04 21:00:00 | 160.78 | 11.97 | 169.3  | 7.22  | -0.57 |
| 1998/06/04 22:00:00 | 157.01 | 12.85 | 164.86 | 8.07  | -0.61 |
| 1998/06/04 23:00:00 | 164.74 | 10.21 | 171.09 | 6.78  | -0.69 |
| 1998/06/05 00:00:00 | 163.56 | 10.24 | 168.49 | 6.72  | -0.7  |
| 1998/06/05 01:00:00 | 177.75 | 8.98  | 183.58 | 6.08  | -0.57 |
| 1998/06/05 02:00:00 | 200.34 | 8.9   | 204.39 | 5.37  | -0.69 |
| 1998/06/05 03:00:00 | 193.02 | 10.81 | 195.75 | 6.98  | -0.7  |
| 1998/06/05 04:00:00 | 199.84 | 9.99  | 205.41 | 5.91  | -0.85 |
| 1998/06/05 05:00:00 | 441.09 | 5.9   | 335.55 | 2.8   | -1.46 |
| 1998/06/05 06:00:00 | 469.9  | 9.16  | 157.2  | 3.55  | -2.27 |
| 1998/06/05 07:00:00 | 117.48 | 6.79  | 423.35 | 3.99  | -0.15 |
| 1998/06/05 08:00:00 | 114.8  | 4.26  | 316.15 | 2.78  | -0.27 |
| 1998/06/05 09:00:00 | 252.61 | 4.19  | 202.4  | 3.01  | -0.74 |
| 1998/06/05 10:00:00 | 167.62 | 8.32  | 177.3  | 6.19  | -0.94 |
| 1998/06/05 11:00:00 | 183.27 | 10.39 | 187.53 | 7.5   | -0.65 |
| 1998/06/05 12:00:00 | 203.52 | 10.1  | 206.31 | 6.34  | -0.43 |
| 1998/06/05 13:00:00 | 308.75 | 12.99 | 321.46 | 6.46  | -0.75 |
| 1998/06/05 14:00:00 | 218.13 | 5.17  | 215.6  | 4.61  | -0.61 |
| 1998/06/05 15:00:00 | 204.91 | 8.17  | 238.19 | 6.17  | -0.66 |
| 1998/06/05 16:00:00 | 319.87 | 5.89  | 323.16 | 4.65  | -0.13 |
| 1998/06/05 17:00:00 | 333.47 | 5.06  | 338.5  | 4.03  | -0.53 |
| 1998/06/05 18:00:00 | 408.6  | 7.29  | 416.68 | 4.81  | -0.75 |
| 1998/06/05 19:00:00 | 382.62 | 6.89  | 380.95 | 3.87  | -0.62 |
| 1998/06/05 20:00:00 | 385.85 | 6.64  | 389.5  | 2.97  | -0.49 |
| 1998/06/05 21:00:00 | 332.07 | 15.08 | 312.04 | 8.11  | -0.57 |
| 1998/06/05 22:00:00 | 246.43 | 7.04  | 156.78 | 4.86  | -0.28 |
| 1998/06/05 23:00:00 | 139.41 | 9.78  | 288.66 | 4.53  | -0.57 |
| 1998/06/06 00:00:00 | 279.12 | 4.28  | 279.66 | 2.54  | -0.82 |
| 1998/06/06 01:00:00 | 235.56 | 4.47  | 182.52 | 2.38  | -0.71 |
| 1998/06/06 02:00:00 | 192.25 | 4.78  | 263.09 | 2.8   | -2.42 |
| 1998/06/06 03:00:00 | 349.01 | 6.03  | 374.14 | 3.48  | -2.86 |
| 1998/06/06 04:00:00 | 341.69 | 7.29  | 352.72 | 4.19  | -3.46 |
| 1998/06/06 05:00:00 | 335.86 | 9.49  | 345.73 | 5.85  | -1.68 |
| 1998/06/06 06:00:00 | 338.32 | 11.26 | 345.04 | 6.79  | -1.28 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/06/06 07:00:00 | 343.7  | 11.37 | 352.42 | 6.88 | -1.27 |
| 1998/06/06 08:00:00 | 347.67 | 12.56 | 350.26 | 7.78 | -0.75 |
| 1998/06/06 09:00:00 | 353.71 | 9.17  | 357.04 | 5.52 | -0.67 |
| 1998/06/06 10:00:00 | 340.31 | 7.16  | 350.42 | 4.29 | -1.6  |
| 1998/06/06 11:00:00 | 346.39 | 7.47  | 354.62 | 4.73 | -1.63 |
| 1998/06/06 12:00:00 | 341.36 | 7.85  | 358.65 | 4.93 | -1.35 |
| 1998/06/06 13:00:00 | 342.94 | 8.36  | 350.5  | 5.66 | -0.58 |
| 1998/06/06 14:00:00 | 341.29 | 7.94  | 351.55 | 5.37 | -0.5  |
| 1998/06/06 15:00:00 | 341.93 | 8.41  | 353.38 | 5.66 | -0.47 |
| 1998/06/06 16:00:00 | 344.61 | 8.47  | 351.71 | 5.47 | -0.54 |
| 1998/06/06 17:00:00 | 335.5  | 9.17  | 342.36 | 5.91 | -0.62 |
| 1998/06/06 18:00:00 | 333.54 | 7.95  | 338.63 | 5.06 | -0.65 |
| 1998/06/06 19:00:00 | 354.47 | 7.69  | 358.01 | 4.5  | -0.65 |
| 1998/06/06 20:00:00 | 362.89 | 7.53  | 372.82 | 4.09 | -0.57 |
| 1998/06/06 21:00:00 | 390.91 | 7.63  | 404.97 | 2.49 | 0.47  |
| 1998/06/06 22:00:00 | 407    | 7.13  | 428.85 | 1.76 | 0.22  |
| 1998/06/06 23:00:00 | 413.01 | 7.63  | 417.87 | 2.05 | -1.64 |
| 1998/06/07 00:00:00 | 421.7  | 9.01  | 432.63 | 2.14 | -0.92 |
| 1998/06/07 01:00:00 | 66.63  | 8.89  | 387.02 | 2.16 | 0.49  |
| 1998/06/07 02:00:00 | 48.4   | 8.46  | 412.39 | 2.66 | 0.47  |
| 1998/06/07 03:00:00 | 93.13  | 7.26  | 399.08 | 2.4  | -0.76 |
| 1998/06/07 04:00:00 | 357.9  | 8.14  | 389.52 | 3.1  | -2.69 |
| 1998/06/07 05:00:00 | 376.6  | 8.14  | 389.56 | 2.47 | -2.17 |
| 1998/06/07 06:00:00 | 395.7  | 8.83  | 396.14 | 3.67 | -1.9  |
| 1998/06/07 07:00:00 | 405.78 | 9.2   | 394.85 | 4.12 | -1.4  |
| 1998/06/07 08:00:00 | 413.2  | 10.54 | 402.63 | 5.5  | -0.5  |
| 1998/06/07 09:00:00 | 419.11 | 10.54 | 408.57 | 6.75 | -0.63 |
| 1998/06/07 10:00:00 | 421.5  | 9.54  | 408.92 | 6.14 | -0.78 |
| 1998/06/07 11:00:00 | 430.59 | 9.91  | 380.63 | 6.25 | -0.81 |
| 1998/06/07 12:00:00 | 387.41 | 7.4   | 379.4  | 5.42 | -0.65 |
| 1998/06/07 13:00:00 | 394.96 | 7.35  | 371.97 | 5.47 | -0.42 |
| 1998/06/07 14:00:00 | 395.06 | 6.95  | 382.41 | 5.69 | -0.4  |
| 1998/06/07 15:00:00 | 411    | 7.09  | 355    | 5.07 | -0.56 |
| 1998/06/07 16:00:00 | 381.99 | 6.86  | 378.55 | 5.1  | -0.5  |
| 1998/06/07 17:00:00 | 402.96 | 6.96  | 404.38 | 5.39 | -0.66 |
| 1998/06/07 18:00:00 | 407.68 | 6.64  | 399.38 | 5.12 | -0.92 |
| 1998/06/07 19:00:00 | 405.74 | 7.28  | 399.87 | 4.94 | -0.76 |
| 1998/06/07 20:00:00 | 408.62 | 6.7   | 396.61 | 2.53 | 1.77  |
| 1998/06/07 21:00:00 | 410.72 | 8.51  | 403.7  | 2.82 | 3.05  |
| 1998/06/07 22:00:00 | 422.91 | 8.19  | 398.85 | 2.5  | 1.5   |
| 1998/06/07 23:00:00 | 435.85 | 6.51  | 146.95 | 1.81 | 1.73  |
| 1998/06/08 00:00:00 | 439.19 | 8.35  | 392.88 | 2.47 | 1.01  |
| 1998/06/08 01:00:00 | 92.87  | 9.79  | 403.7  | 3.45 | 0.47  |
| 1998/06/08 02:00:00 | 94.32  | 10.46 | 414.69 | 3.93 | 0.19  |
| 1998/06/08 03:00:00 | 103.82 | 9.09  | 363.46 | 3.14 | -0.17 |
| 1998/06/08 04:00:00 | 97.28  | 8.7   | 402.36 | 3.27 | -0.01 |
| 1998/06/08 05:00:00 | 96.73  | 7.5   | 378.52 | 2.81 | 0.19  |
| 1998/06/08 06:00:00 | 84.29  | 9.64  | 403.5  | 3.39 | 0.87  |
| 1998/06/08 07:00:00 | 84.09  | 10.15 | 407.41 | 3.77 | 0.38  |
| 1998/06/08 08:00:00 | 98.97  | 10.36 | 322.77 | 3.77 | -0.28 |
| 1998/06/08 09:00:00 | 195.7  | 10.07 | 276.54 | 4.42 | -0.77 |
| 1998/06/08 10:00:00 | 124.13 | 10.66 | 190.61 | 4.9  | -0.97 |
| 1998/06/08 11:00:00 | 335.56 | 8.53  | 176.08 | 5.19 | -0.86 |
| 1998/06/08 12:00:00 | 123.46 | 7.06  | 227.53 | 4.53 | -0.65 |
| 1998/06/08 13:00:00 | 157.38 | 8.33  | 161.97 | 6.03 | -0.7  |
| 1998/06/08 14:00:00 | 153.07 | 8.41  | 174.61 | 6.7  | -0.86 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/06/08 15:00:00 | 138.01 | 8.28  | 159.05 | 5.98 | -0.76 |
| 1998/06/08 16:00:00 | 157.92 | 8.51  | 170.24 | 6.07 | -0.75 |
| 1998/06/08 17:00:00 | 141.11 | 9.7   | 159.29 | 6.58 | -0.85 |
| 1998/06/08 18:00:00 | 168.38 | 9.24  | 148.7  | 6.03 | -0.81 |
| 1998/06/08 19:00:00 | 132.55 | 11.04 | 150.97 | 6.82 | -0.67 |
| 1998/06/08 20:00:00 | 135.84 | 10.79 | 157.04 | 6.52 | -0.56 |
| 1998/06/08 21:00:00 | 133.06 | 11.1  | 152.35 | 6.12 | -0.49 |
| 1998/06/08 22:00:00 | 138.7  | 10.54 | 158.69 | 6    | -0.54 |
| 1998/06/08 23:00:00 | 139.09 | 11.23 | 158.46 | 7.03 | -0.61 |
| 1998/06/09 00:00:00 | 130.2  | 9.18  | 156.8  | 4.99 | -0.58 |
| 1998/06/09 01:00:00 | 118.63 | 7.43  | 181.1  | 3.66 | -0.56 |
| 1998/06/09 02:00:00 | 124.49 | 5.8   | 211.75 | 2.79 | -0.89 |
| 1998/06/09 03:00:00 | 139.31 | 9.37  | 150.83 | 4.93 | -0.92 |
| 1998/06/09 04:00:00 | 147.55 | 10.55 | 156.84 | 6.46 | -0.92 |
| 1998/06/09 05:00:00 | 144.37 | 8.26  | 155.25 | 4.94 | -0.83 |
| 1998/06/09 06:00:00 | 153.12 | 11.16 | 160.7  | 7.11 | -0.83 |
| 1998/06/09 07:00:00 | 163.01 | 9.88  | 169.38 | 6.57 | -0.83 |
| 1998/06/09 08:00:00 | 158.82 | 11.19 | 168.69 | 7.36 | -0.81 |
| 1998/06/09 09:00:00 | 169.79 | 9.66  | 179.35 | 6.82 | -0.87 |
| 1998/06/09 10:00:00 | 181.69 | 11.37 | 187.55 | 8.13 | -0.88 |
| 1998/06/09 11:00:00 | 187.77 | 10.38 | 191.15 | 7.61 | -0.74 |
| 1998/06/09 12:00:00 | 181.23 | 11.39 | 187.33 | 8.42 | -0.77 |
| 1998/06/09 13:00:00 | 175.37 | 13.3  | 182.44 | 9.74 | -0.96 |
| 1998/06/09 14:00:00 | 182.87 | 11.57 | 187.82 | 8.73 | -0.76 |
| 1998/06/09 15:00:00 | 193.72 | 11.84 | 198.13 | 8.39 | -0.61 |
| 1998/06/09 16:00:00 | 185.48 | 10.33 | 191.89 | 7.22 | -0.53 |
| 1998/06/09 17:00:00 | 179.75 | 9.54  | 186.65 | 6.97 | -0.62 |
| 1998/06/09 18:00:00 | 180.67 | 9.51  | 189.5  | 6.76 | -0.6  |
| 1998/06/09 19:00:00 | 173.13 | 8     | 180.77 | 5.39 | -0.53 |
| 1998/06/09 20:00:00 | 163.17 | 9.2   | 168.58 | 5.13 | -0.31 |
| 1998/06/09 21:00:00 | 160.94 | 10.23 | 165.46 | 5.37 | -0.18 |
| 1998/06/09 22:00:00 | 166.97 | 10.39 | 170.6  | 5.53 | -0.25 |
| 1998/06/09 23:00:00 | 177.75 | 9.83  | 187.5  | 5.47 | -0.19 |
| 1998/06/10 00:00:00 | 183.14 | 8.32  | 174.79 | 3.64 | -0.22 |
| 1998/06/10 01:00:00 | 180.56 | 9.56  | 182.84 | 5.06 | -0.16 |
| 1998/06/10 02:00:00 | 177.88 | 9.12  | 174.59 | 4.83 | -0.45 |
| 1998/06/10 03:00:00 | 170.89 | 8.14  | 170.13 | 4.68 | -0.66 |
| 1998/06/10 04:00:00 | 167.25 | 7.72  | 164.04 | 4.58 | -0.69 |
| 1998/06/10 05:00:00 | 180.56 | 8.18  | 175.08 | 3.98 | -0.83 |
| 1998/06/10 06:00:00 | 155.73 | 8.79  | 157.31 | 5.08 | -0.94 |
| 1998/06/10 07:00:00 | 158.89 | 9.36  | 159.81 | 5.69 | -0.8  |
| 1998/06/10 08:00:00 | 177.35 | 7.22  | 177.66 | 4.43 | -0.95 |
| 1998/06/10 09:00:00 | 201.93 | 7.08  | 205.68 | 5    | -1.06 |
| 1998/06/10 10:00:00 | 188.45 | 9.01  | 193.14 | 6.96 | -0.75 |
| 1998/06/10 11:00:00 | 195.51 | 8.81  | 198.56 | 6.43 | -0.61 |
| 1998/06/10 12:00:00 | 227.01 | 6.64  | 229.3  | 4.19 | -0.05 |
| 1998/06/10 13:00:00 | 233.97 | 6.83  | 230.35 | 4.55 | 0.2   |
| 1998/06/10 14:00:00 | 230.1  | 6.82  | 224.24 | 5.42 | 0.39  |
| 1998/06/10 15:00:00 | 214.25 | 6.64  | 212.63 | 5.25 | 0.22  |
| 1998/06/10 16:00:00 | 195.32 | 8.37  | 203.51 | 6.19 | -0.26 |
| 1998/06/10 17:00:00 | 185.53 | 9.71  | 194.59 | 7.38 | -0.58 |
| 1998/06/10 18:00:00 | 192.09 | 9.67  | 198.37 | 6.95 | -0.62 |
| 1998/06/10 19:00:00 | 184.47 | 7.16  | 198.37 | 4.63 | -0.62 |
| 1998/06/10 20:00:00 | 160.23 | 7.48  | 198.37 | 3.34 | -0.62 |
| 1998/06/10 21:00:00 | 160.66 | 8.98  | 198.37 | 3.24 | -0.62 |
| 1998/06/10 22:00:00 | 163.93 | 10.3  | 198.37 | 4.92 | -0.62 |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/06/10 23:00:00 | 162.56 | 11.43 | 198.37 | 6.54  | -0.62 |
| 1998/06/11 00:00:00 | 171.31 | 11.2  | 198.37 | 6.64  | -0.62 |
| 1998/06/11 01:00:00 | 159.08 | 12.43 | 198.37 | 7.83  | -0.62 |
| 1998/06/11 02:00:00 | 158.92 | 13.05 | 198.37 | 8.1   | -0.62 |
| 1998/06/11 03:00:00 | 166.15 | 10.83 | 198.37 | 6.98  | -0.62 |
| 1998/06/11 04:00:00 | 170.51 | 9.72  | 198.37 | 6.05  | -0.62 |
| 1998/06/11 05:00:00 | 167.71 | 8.36  | 198.37 | 5.25  | -0.62 |
| 1998/06/11 06:00:00 | 168.6  | 8.27  | 198.37 | 4.92  | -0.62 |
| 1998/06/11 07:00:00 | 168.29 | 10.14 | 198.37 | 6.31  | -0.62 |
| 1998/06/11 08:00:00 | 176.97 | 9.1   | 198.37 | 6.35  | -0.62 |
| 1998/06/11 09:00:00 | 177.38 | 9.4   | 198.37 | 6.81  | -0.62 |
| 1998/06/11 10:00:00 | 184.6  | 11.13 | 198.37 | 8.25  | -0.62 |
| 1998/06/11 11:00:00 | 166.31 | 9.46  | 198.37 | 7     | -0.62 |
| 1998/06/11 12:00:00 | 179.41 | 9.99  | 198.37 | 7.61  | -0.62 |
| 1998/06/11 13:00:00 | 196.38 | 11.87 | 198.37 | 8.7   | -0.62 |
| 1998/06/11 14:00:00 | 190.51 | 13.6  | 198.37 | 9.76  | -0.62 |
| 1998/06/11 15:00:00 | 181.78 | 13.67 | 198.37 | 10.11 | -0.62 |
| 1998/06/11 16:00:00 | 185.11 | 15.81 | 198.37 | 11.24 | -0.62 |
| 1998/06/11 17:00:00 | 174.3  | 12.94 | 198.37 | 9.4   | -0.62 |
| 1998/06/11 18:00:00 | 177.27 | 8.86  | 198.37 | 5.39  | -0.62 |
| 1998/06/11 19:00:00 | 171.99 | 9.44  | 176.54 | 5.45  | -0.29 |
| 1998/06/11 20:00:00 | 169.02 | 10.57 | 175.13 | 6.52  | -0.35 |
| 1998/06/11 21:00:00 | 169.27 | 10.21 | 174.72 | 6     | -0.33 |
| 1998/06/11 22:00:00 | 159.43 | 11.34 | 166.86 | 6.53  | -0.36 |
| 1998/06/11 23:00:00 | 160.09 | 12.38 | 166.92 | 7.32  | -0.43 |
| 1998/06/12 00:00:00 | 162.52 | 11.35 | 170.19 | 7.18  | -0.54 |
| 1998/06/12 01:00:00 | 172.72 | 8.95  | 178.32 | 5.77  | -0.38 |
| 1998/06/12 02:00:00 | 169.94 | 9.37  | 172.18 | 5.86  | -0.64 |
| 1998/06/12 03:00:00 | 170    | 8.57  | 171.59 | 5.42  | -0.7  |
| 1998/06/12 04:00:00 | 167.91 | 9.15  | 172.76 | 6.03  | -0.72 |
| 1998/06/12 05:00:00 | 163.8  | 9.06  | 164.36 | 5.72  | -0.68 |
| 1998/06/12 06:00:00 | 158.47 | 9.84  | 168.64 | 6.2   | -0.61 |
| 1998/06/12 07:00:00 | 166.6  | 9.34  | 172.99 | 6     | -0.68 |
| 1998/06/12 08:00:00 | 168.85 | 8.61  | 173.04 | 5.98  | -0.88 |
| 1998/06/12 09:00:00 | 177.89 | 8.74  | 186.06 | 6.33  | -0.95 |
| 1998/06/12 10:00:00 | 187.48 | 9.75  | 192.03 | 7.05  | -0.92 |
| 1998/06/12 11:00:00 | 191.3  | 11.55 | 194.94 | 8.46  | -0.85 |
| 1998/06/12 12:00:00 | 199.21 | 11.69 | 204.98 | 8.28  | -0.63 |
| 1998/06/12 13:00:00 | 187.12 | 11.17 | 192.57 | 8.12  | -0.64 |
| 1998/06/12 14:00:00 | 188.77 | 13.27 | 193.71 | 9.35  | -0.78 |
| 1998/06/12 15:00:00 | 193.55 | 12.72 | 195.14 | 9.23  | -0.62 |
| 1998/06/12 16:00:00 | 192    | 11.26 | 196.96 | 8.61  | -0.48 |
| 1998/06/12 17:00:00 | 185.35 | 11.54 | 192.09 | 8.73  | -0.71 |
| 1998/06/12 18:00:00 | 183.26 | 12.25 | 190.07 | 8.53  | -0.74 |
| 1998/06/12 19:00:00 | 172.63 | 9.18  | 180.09 | 6.8   | -0.69 |
| 1998/06/12 20:00:00 | 173.21 | 9.78  | 180.77 | 6.19  | -0.51 |
| 1998/06/12 21:00:00 | 174.52 | 11.49 | 182.19 | 7.05  | -0.41 |
| 1998/06/12 22:00:00 | 178.48 | 10.98 | 185.66 | 6.68  | -0.38 |
| 1998/06/12 23:00:00 | 182.34 | 11.41 | 187.16 | 7.11  | -0.33 |
| 1998/06/13 00:00:00 | 187.95 | 11.55 | 191.65 | 7.07  | -0.37 |
| 1998/06/13 01:00:00 | 192.18 | 11.9  | 195.04 | 7.55  | -0.3  |
| 1998/06/13 02:00:00 | 190.94 | 10.35 | 194.73 | 6.67  | -0.51 |
| 1998/06/13 03:00:00 | 196.19 | 9.25  | 201.9  | 5.33  | -0.45 |
| 1998/06/13 04:00:00 | 202.89 | 8.99  | 206.39 | 5.2   | -0.63 |
| 1998/06/13 05:00:00 | 208.33 | 7.91  | 208    | 4.63  | -0.8  |
| 1998/06/13 06:00:00 | 207.84 | 8.8   | 210.02 | 5.33  | -1    |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/06/13 07:00:00 | 210.53 | 9.25  | 211.81 | 5.65  | -0.94 |
| 1998/06/13 08:00:00 | 220.94 | 8.8   | 219.11 | 5.26  | -0.89 |
| 1998/06/13 09:00:00 | 220.44 | 9.55  | 214.7  | 6.5   | -0.55 |
| 1998/06/13 10:00:00 | 211.51 | 10.99 | 213.9  | 7.47  | -0.78 |
| 1998/06/13 11:00:00 | 211.68 | 9.76  | 210.6  | 6.7   | -0.58 |
| 1998/06/13 12:00:00 | 200.92 | 9.1   | 201.62 | 6.85  | -0.46 |
| 1998/06/13 13:00:00 | 198.27 | 8.85  | 195.27 | 6.79  | -0.48 |
| 1998/06/13 14:00:00 | 212.52 | 8.05  | 213.3  | 6.03  | -0.26 |
| 1998/06/13 15:00:00 | 203.55 | 9.54  | 208.49 | 6.6   | -0.32 |
| 1998/06/13 16:00:00 | 189.01 | 9.45  | 195.57 | 7.03  | -0.33 |
| 1998/06/13 17:00:00 | 181.49 | 8.81  | 189.46 | 7.01  | -0.58 |
| 1998/06/13 18:00:00 | 177.8  | 9.11  | 189.19 | 6.81  | -0.71 |
| 1998/06/13 19:00:00 | 162.16 | 8.6   | 169.81 | 5.73  | -0.61 |
| 1998/06/13 20:00:00 | 156.42 | 9.69  | 165.85 | 5.8   | -0.42 |
| 1998/06/13 21:00:00 | 156.31 | 11.4  | 165.54 | 5.97  | -0.23 |
| 1998/06/13 22:00:00 | 173.14 | 10.38 | 177.25 | 5.8   | -0.25 |
| 1998/06/13 23:00:00 | 178.74 | 10.52 | 185.41 | 6.17  | -0.25 |
| 1998/06/14 00:00:00 | 183.09 | 10.11 | 186.69 | 5.89  | -0.27 |
| 1998/06/14 01:00:00 | 183.93 | 11.5  | 188.09 | 7.12  | -0.25 |
| 1998/06/14 02:00:00 | 187.26 | 10.28 | 188.34 | 6.1   | -0.53 |
| 1998/06/14 03:00:00 | 193.83 | 12.08 | 197.05 | 7.63  | -0.53 |
| 1998/06/14 04:00:00 | 195.71 | 13.92 | 198.98 | 9.11  | -0.64 |
| 1998/06/14 05:00:00 | 189.52 | 12.93 | 193.71 | 8.32  | -0.52 |
| 1998/06/14 06:00:00 | 187.84 | 12.33 | 191.54 | 8.11  | -0.58 |
| 1998/06/14 07:00:00 | 183.47 | 13.26 | 189.56 | 9.17  | -0.63 |
| 1998/06/14 08:00:00 | 184.46 | 14.11 | 189.84 | 9.9   | -0.7  |
| 1998/06/14 09:00:00 | 195.19 | 14.67 | 202.32 | 9.77  | -0.77 |
| 1998/06/14 10:00:00 | 190.09 | 13.3  | 193.52 | 9.42  | -0.8  |
| 1998/06/14 11:00:00 | 191.51 | 15.4  | 196.11 | 10.71 | -0.92 |
| 1998/06/14 12:00:00 | 189.93 | 17.45 | 197.86 | 12.38 | -1.03 |
| 1998/06/14 13:00:00 | 187.92 | 16.55 | 195.26 | 11.93 | -1.09 |
| 1998/06/14 14:00:00 | 187.74 | 18.55 | 194.56 | 13.35 | -1.13 |
| 1998/06/14 15:00:00 | 190.62 | 17.44 | 196.83 | 12.41 | -0.85 |
| 1998/06/14 16:00:00 | 187.87 | 17.51 | 193.9  | 12.37 | -0.63 |
| 1998/06/14 17:00:00 | 183.39 | 15.93 | 190.82 | 11.05 | -0.7  |
| 1998/06/14 18:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/14 19:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/14 20:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/14 21:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/14 22:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/14 23:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 00:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 01:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 02:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 03:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 04:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 05:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 06:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 07:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 08:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 09:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 10:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 11:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 12:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 13:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |
| 1998/06/15 14:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |

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|                     |        |       |        |      |
|---------------------|--------|-------|--------|------|
| 1998/06/15 15:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/15 16:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/15 17:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/15 18:00:00 | 175.5  | 11.12 | 186.05 | 7.69 |
| 1998/06/15 19:00:00 | 174.18 | 9.95  | 182.62 | 6.63 |
| 1998/06/15 20:00:00 | 167.64 | 11.88 | 175.07 | 7.61 |
| 1998/06/15 21:00:00 | 208.22 | 12.94 | 214.86 | 7.49 |
| 1998/06/15 22:00:00 | 230.56 | 16.78 | 221.99 | 8.38 |
| 1998/06/15 23:00:00 | 369.54 | 9.49  | 311.71 | 5.74 |
| 1998/06/16 00:00:00 | 177.69 | 5.69  | 234.32 | 2.45 |
| 1998/06/16 01:00:00 | 182.95 | 8.89  | 186.04 | 4    |
| 1998/06/16 02:00:00 | 182.38 | 6.54  | 171.81 | 3.08 |
| 1998/06/16 03:00:00 | 199.03 | 4.7   | 288.88 | 1.58 |
| 1998/06/16 04:00:00 | 212.3  | 2.94  | 415.19 | 2.26 |
| 1998/06/16 05:00:00 | 153.22 | 4.03  | 382.17 | 2.25 |
| 1998/06/16 06:00:00 | 149.47 | 4.87  | 413.18 | 1.96 |
| 1998/06/16 07:00:00 | 238.77 | 4.2   | 285.65 | 1.98 |
| 1998/06/16 08:00:00 | 238.28 | 2.71  | 382.08 | 2.24 |
| 1998/06/16 09:00:00 | 247.05 | 3.53  | 241.06 | 2.75 |
| 1998/06/16 10:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/16 11:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/16 12:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/16 13:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/16 14:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/16 15:00:00 | 284.01 | 4.35  | 312.93 | 3.69 |
| 1998/06/16 16:00:00 | 291.62 | 4.14  | 299.28 | 3.55 |
| 1998/06/16 17:00:00 | 287.33 | 3.4   | 292.41 | 2.92 |
| 1998/06/16 18:00:00 | 308.22 | 2.61  | 338.81 | 2.43 |
| 1998/06/16 19:00:00 | 381.12 | 3.05  | 369.22 | 2.29 |
| 1998/06/16 20:00:00 | 399.22 | 3.35  | 391.04 | 1.69 |
| 1998/06/16 21:00:00 | 420.45 | 4.1   | 411.2  | 1.75 |
| 1998/06/16 22:00:00 | 431.23 | 8.04  | 175.07 | 2.51 |
| 1998/06/16 23:00:00 | 451.48 | 8.12  | 355.99 | 2.46 |
| 1998/06/17 00:00:00 | 188.34 | 6.18  | 164.32 | 2.9  |
| 1998/06/17 01:00:00 | 136.25 | 7.01  | 200.22 | 2.79 |
| 1998/06/17 02:00:00 | 134.32 | 6.77  | 135.13 | 2.93 |
| 1998/06/17 03:00:00 | 151.68 | 6.62  | 156.45 | 3.6  |
| 1998/06/17 04:00:00 | 148    | 7.81  | 152.5  | 4.35 |
| 1998/06/17 05:00:00 | 153.33 | 8.54  | 161.92 | 4.87 |
| 1998/06/17 06:00:00 | 148.87 | 9.72  | 159.48 | 5.79 |
| 1998/06/17 07:00:00 | 142.49 | 9.51  | 151.09 | 5.49 |
| 1998/06/17 08:00:00 | 153.74 | 10.47 | 159.02 | 6.85 |
| 1998/06/17 09:00:00 | 152.67 | 9.53  | 165.09 | 6.44 |
| 1998/06/17 10:00:00 | 158.69 | 8.28  | 168.38 | 5.97 |
| 1998/06/17 11:00:00 | 173.57 | 6.32  | 185.85 | 5.06 |
| 1998/06/17 12:00:00 | 169.82 | 6.73  | 180.93 | 5.07 |
| 1998/06/17 13:00:00 | 181.05 | 6.32  | 197.71 | 4.83 |
| 1998/06/17 14:00:00 | 188.1  | 8.87  | 198.5  | 6.87 |
| 1998/06/17 15:00:00 | 181.26 | 8.83  | 193.72 | 6.94 |
| 1998/06/17 16:00:00 | 204.8  | 7.7   | 209.55 | 5.78 |
| 1998/06/17 17:00:00 | 225.14 | 7.32  | 222.34 | 4.98 |
| 1998/06/17 18:00:00 | 220.56 | 6.57  | 222.36 | 3.89 |
| 1998/06/17 19:00:00 | 216.43 | 4.64  | 224.33 | 2.09 |
| 1998/06/17 20:00:00 | 204.35 | 4.11  | 396.64 | 1.82 |
| 1998/06/17 21:00:00 | 155    | 4.79  | 413.73 | 2.61 |
| 1998/06/17 22:00:00 | 162.62 | 8.04  | 233.51 | 2.65 |



## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/06/17 23:00:00 | 140.93 | 8.2   | 168.84 | 3.42 | 0.13  |
| 1998/06/18 00:00:00 | 147.79 | 10.22 | 155.45 | 5.25 | -0.19 |
| 1998/06/18 01:00:00 | 167.83 | 11.48 | 171.71 | 6.7  | -0.3  |
| 1998/06/18 02:00:00 | 161.31 | 11.5  | 165.17 | 7.11 | -0.58 |
| 1998/06/18 03:00:00 | 153.79 | 11.28 | 164.42 | 6.83 | -0.61 |
| 1998/06/18 04:00:00 | 145.17 | 9.69  | 152.51 | 5.34 | -0.56 |
| 1998/06/18 05:00:00 | 158.88 | 8.93  | 175.61 | 5.47 | -0.55 |
| 1998/06/18 06:00:00 | 158.78 | 9.19  | 175.07 | 5.35 | -0.65 |
| 1998/06/18 07:00:00 | 153.77 | 10.37 | 166.52 | 6.44 | -0.58 |
| 1998/06/18 08:00:00 | 165.92 | 8.7   | 180.81 | 6.05 | -0.72 |
| 1998/06/18 09:00:00 | 164.87 | 8.35  | 172.8  | 6.25 | -0.98 |
| 1998/06/18 10:00:00 | 170.53 | 8.4   | 175.95 | 6.94 | -0.69 |
| 1998/06/18 11:00:00 | 176.16 | 8.2   | 178.26 | 6.39 | -0.47 |
| 1998/06/18 12:00:00 | 196.14 | 8.57  | 203.39 | 6.33 | -0.35 |
| 1998/06/18 13:00:00 | 193.98 | 9.51  | 204.04 | 7.35 | -0.39 |
| 1998/06/18 14:00:00 | 188.65 | 10.96 | 195.17 | 8.3  | -0.5  |
| 1998/06/18 15:00:00 | 186.38 | 9.99  | 193.49 | 7.69 | -0.39 |
| 1998/06/18 16:00:00 | 179.21 | 10.58 | 188.17 | 8.16 | -0.25 |
| 1998/06/18 17:00:00 | 184.22 | 10.85 | 193.26 | 8.22 | -0.46 |
| 1998/06/18 18:00:00 | 176.48 | 8.85  | 187.05 | 6.73 | -0.57 |
| 1998/06/18 19:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/18 20:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/18 21:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/18 22:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/18 23:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 00:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 01:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 02:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 03:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 04:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 05:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 06:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 07:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 08:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 09:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 10:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 11:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 12:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 13:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 14:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 15:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 16:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 17:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 18:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 19:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 20:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 21:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 22:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/19 23:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/20 00:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/20 01:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/20 02:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/20 03:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/20 04:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/20 05:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/20 06:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |

## 007\_met1998.txt

|                     |     |     |     |     |
|---------------------|-----|-----|-----|-----|
| 1998/06/20 07:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 08:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 09:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 10:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 11:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 12:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 13:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 14:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 15:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 16:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 17:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 18:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 19:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 20:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 21:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 22:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/20 23:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 00:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 01:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 02:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 03:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 04:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 05:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 06:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 07:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 08:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 09:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 10:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 11:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 12:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 13:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 14:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 15:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 16:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 17:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 18:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 19:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 20:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 21:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 22:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/21 23:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 00:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 01:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 02:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 03:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 04:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 05:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 06:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 07:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 08:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 09:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 10:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 11:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 12:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 13:00:00 | NaN | NaN | NaN | NaN |
| 1998/06/22 14:00:00 | NaN | NaN | NaN | NaN |

## 007\_met1998.txt

|                     |        |      |        |      |
|---------------------|--------|------|--------|------|
| 1998/06/22 15:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/22 16:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/22 17:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/22 18:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/22 19:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/22 20:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/22 21:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/22 22:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/22 23:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 00:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 01:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 02:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 03:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 04:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 05:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 06:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 07:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 08:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 09:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 10:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 11:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 12:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 13:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 14:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 15:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 16:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 17:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 18:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 19:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 20:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 21:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 22:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/23 23:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 00:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 01:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 02:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 03:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 04:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 05:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 06:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 07:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 08:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 09:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 10:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/06/24 11:00:00 | 233.8  | 3.83 | 265.77 | 3.23 |
| 1998/06/24 12:00:00 | 246.33 | 4.71 | 251.2  | 3.62 |
| 1998/06/24 13:00:00 | 239.38 | 4.75 | 231.12 | 3.62 |
| 1998/06/24 14:00:00 | 242.01 | 5.51 | 240.12 | 3.92 |
| 1998/06/24 15:00:00 | 257.23 | 4.9  | 274.14 | 3.54 |
| 1998/06/24 16:00:00 | 245.98 | 4.59 | 244.57 | 3.23 |
| 1998/06/24 17:00:00 | 323.76 | 3.83 | 323.87 | 2.99 |
| 1998/06/24 18:00:00 | 323.76 | 3.83 | 323.87 | 2.99 |
| 1998/06/24 19:00:00 | 339.61 | 4.67 | 349.05 | 2.51 |
| 1998/06/24 20:00:00 | 372.31 | 5.64 | 404.55 | 2.52 |
| 1998/06/24 21:00:00 | 353.11 | 5.58 | 400.58 | 2.61 |
| 1998/06/24 22:00:00 | 293.46 | 2.46 | 409.75 | 1.92 |

5.8

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/06/24 23:00:00 | 164.37 | 5.61  | 355.55 | 2.13 | 4.48  |
| 1998/06/25 00:00:00 | 196.41 | 7.64  | 199.71 | 3.23 | 0.49  |
| 1998/06/25 01:00:00 | 187.65 | 7.67  | 172.81 | 3.34 | -0.01 |
| 1998/06/25 02:00:00 | 153.68 | 6.81  | 149.8  | 2.26 | 0.34  |
| 1998/06/25 03:00:00 | 156.88 | 6.06  | 178.97 | 2.29 | 0.41  |
| 1998/06/25 04:00:00 | 158.04 | 5.34  | 181.49 | 1.6  | 0.65  |
| 1998/06/25 05:00:00 | 162.68 | 5.54  | 199.72 | 1.78 | 1.1   |
| 1998/06/25 06:00:00 | 174.2  | 4.77  | 65.23  | 1.51 | 1.15  |
| 1998/06/25 07:00:00 | 163.19 | 5     | 64.84  | 1.79 | 1.15  |
| 1998/06/25 08:00:00 | 122.97 | 4.07  | 222.73 | 1.55 | 0.23  |
| 1998/06/25 09:00:00 | 132.76 | 2.22  | 147.4  | 1.9  | -0.31 |
| 1998/06/25 10:00:00 | 244    | 2.71  | 261.16 | 2.65 | 0.26  |
| 1998/06/25 11:00:00 | 305.26 | 4.15  | 290.46 | 3.56 | -0.24 |
| 1998/06/25 12:00:00 | 162.02 | 6.03  | 164.65 | 4.61 | -0.31 |
| 1998/06/25 13:00:00 | 233.06 | 4.89  | 256.17 | 4.14 | -0.33 |
| 1998/06/25 14:00:00 | 325.03 | 4.62  | 275.45 | 3.63 | -0.15 |
| 1998/06/25 15:00:00 | 272.56 | 4.11  | 278.4  | 3.8  | 0.93  |
| 1998/06/25 16:00:00 | 317.57 | 6.56  | 335.02 | 4.87 | 0.46  |
| 1998/06/25 17:00:00 | 317.03 | 8.93  | 301.26 | 5.93 | -0.32 |
| 1998/06/25 18:00:00 | 271.51 | 9.8   | 202.11 | 5.22 | -0.92 |
| 1998/06/25 19:00:00 | 182.74 | 3.08  | 180.29 | 1.82 | -0.62 |
| 1998/06/25 20:00:00 | 183.6  | 3.88  | 337.61 | 2.5  | -1.05 |
| 1998/06/25 21:00:00 | 355.21 | 1.87  | 249.4  | 1.61 | -0.58 |
| 1998/06/25 22:00:00 | 435.02 | 3.94  | 294.98 | 2    | -0.79 |
| 1998/06/25 23:00:00 | 436.76 | 5.26  | 201.89 | 1.58 | -1.02 |
| 1998/06/26 00:00:00 | 106.85 | 6.24  | 191.83 | 1.97 | -0.85 |
| 1998/06/26 01:00:00 | 107.97 | 6.13  | 292.08 | 2.07 | -0.61 |
| 1998/06/26 02:00:00 | 103.47 | 6.21  | 320.28 | 2.06 | -0.92 |
| 1998/06/26 03:00:00 | 374.14 | 4.88  | 221.28 | 2.36 | -1.2  |
| 1998/06/26 04:00:00 | 454.83 | 6.1   | 206.8  | 1.93 | -1.08 |
| 1998/06/26 05:00:00 | 451.34 | 8.43  | 398.44 | 2.99 | -1    |
| 1998/06/26 06:00:00 | 452.37 | 8.44  | 415.35 | 3.38 | -0.97 |
| 1998/06/26 07:00:00 | 456.17 | 6.76  | 333.34 | 2.24 | -0.84 |
| 1998/06/26 08:00:00 | 266.66 | 5.99  | 332.29 | 2.9  | -0.69 |
| 1998/06/26 09:00:00 | 152.64 | 8.18  | 170.75 | 4.92 | -0.75 |
| 1998/06/26 10:00:00 | 125.19 | 8.77  | 162.13 | 6.25 | -0.8  |
| 1998/06/26 11:00:00 | 124.19 | 10.07 | 162.96 | 6.13 | -0.79 |
| 1998/06/26 12:00:00 | 252.16 | 9.34  | 173.47 | 5.15 | -0.81 |
| 1998/06/26 13:00:00 | 160.33 | 8.32  | 168.77 | 5.13 | -0.6  |
| 1998/06/26 14:00:00 | 256.52 | 6.51  | 318.48 | 4.55 | -0.59 |
| 1998/06/26 15:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/26 16:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/26 17:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/26 18:00:00 | 127.27 | 14.89 | 152.5  | 9.48 | -0.98 |
| 1998/06/26 19:00:00 | 124.01 | 10.82 | 157.95 | 6.84 | -0.85 |
| 1998/06/26 20:00:00 | 124.13 | 9.24  | 150.62 | 5.47 | -0.85 |
| 1998/06/26 21:00:00 | 132.28 | 10.27 | 152.2  | 6.37 | -0.76 |
| 1998/06/26 22:00:00 | 123.39 | 5.08  | 203.38 | 2.1  | -0.57 |
| 1998/06/26 23:00:00 | 105.39 | 5.63  | 256.57 | 2.22 | -0.53 |
| 1998/06/27 00:00:00 | 249.38 | 6.41  | 354.84 | 2.3  | -0.56 |
| 1998/06/27 01:00:00 | 112.31 | 6.55  | 272.66 | 2.28 | -0.58 |
| 1998/06/27 02:00:00 | 325.88 | 6.17  | 247.69 | 2.25 | -0.92 |
| 1998/06/27 03:00:00 | 102.1  | 8.55  | 374.25 | 3.24 | -0.84 |
| 1998/06/27 04:00:00 | 110.6  | 8.05  | 256.64 | 2.48 | -0.72 |
| 1998/06/27 05:00:00 | 118.87 | 7.69  | 315.92 | 2.62 | -0.76 |
| 1998/06/27 06:00:00 | 124.08 | 7.52  | 367.1  | 2.83 | -0.79 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/06/27 07:00:00 | 174.47 | 8.15  | 382.21 | 3.33 | -0.68 |
| 1998/06/27 08:00:00 | 358.44 | 8.12  | 267.51 | 3.36 | -0.8  |
| 1998/06/27 09:00:00 | 177.16 | 8.91  | 194.87 | 4.56 | -0.95 |
| 1998/06/27 10:00:00 | 286.59 | 7.85  | 160.72 | 4.66 | -0.77 |
| 1998/06/27 11:00:00 | 139.17 | 8.51  | 157.52 | 5.61 | -0.72 |
| 1998/06/27 12:00:00 | 185.09 | 7.93  | 196.61 | 4.58 | -0.65 |
| 1998/06/27 13:00:00 | 186.21 | 6.87  | 215.61 | 4.77 | -0.36 |
| 1998/06/27 14:00:00 | 160.97 | 5.98  | 248.47 | 4.49 | -0.36 |
| 1998/06/27 15:00:00 | 135.02 | 10    | 152.22 | 6.34 | -0.68 |
| 1998/06/27 16:00:00 | 131.51 | 11.47 | 161.69 | 7.94 | -0.79 |
| 1998/06/27 17:00:00 | 137.23 | 10.53 | 161.13 | 7.23 | -0.6  |
| 1998/06/27 18:00:00 | 168.41 | 12.75 | 181.1  | 9.51 | -0.85 |
| 1998/06/27 19:00:00 | 145.19 | 12.6  | 161.34 | 8.94 | -0.91 |
| 1998/06/27 20:00:00 | 130.58 | 9.9   | 152.94 | 5.53 | -0.78 |
| 1998/06/27 21:00:00 | 127.18 | 7.93  | 168.02 | 3.35 | -0.58 |
| 1998/06/27 22:00:00 | 121.12 | 6.83  | 215.7  | 2.49 | -0.42 |
| 1998/06/27 23:00:00 | 119.96 | 8.79  | 176.9  | 3.47 | -0.4  |
| 1998/06/28 00:00:00 | 131.67 | 9.7   | 153.6  | 5.78 | -0.69 |
| 1998/06/28 01:00:00 | 312.99 | 7.37  | 181.68 | 3.24 | -0.56 |
| 1998/06/28 02:00:00 | 149.08 | 6.91  | 206.02 | 3.42 | -0.73 |
| 1998/06/28 03:00:00 | 268    | 6.92  | 176.86 | 3.29 | -0.72 |
| 1998/06/28 04:00:00 | 125.12 | 7.32  | 153.42 | 3.5  | -0.76 |
| 1998/06/28 05:00:00 | 123.2  | 7.98  | 140.44 | 3.3  | -0.7  |
| 1998/06/28 06:00:00 | 144.75 | 5.52  | 206.21 | 2.25 | -0.92 |
| 1998/06/28 07:00:00 | 129.15 | 3.96  | 297.2  | 2.03 | -1.01 |
| 1998/06/28 08:00:00 | 94.31  | 4.77  | 406.27 | 2.41 | -1.1  |
| 1998/06/28 09:00:00 | 112.01 | 4.95  | 160.26 | 2.9  | -1.09 |
| 1998/06/28 10:00:00 | 197.82 | 3.75  | 216.5  | 2.99 | -0.9  |
| 1998/06/28 11:00:00 | 183.17 | 7.59  | 193.92 | 6.07 | -0.58 |
| 1998/06/28 12:00:00 | 184.43 | 8.97  | 187.75 | 7.09 | -0.46 |
| 1998/06/28 13:00:00 | 213.63 | 8.18  | 215.71 | 5.99 | -0.26 |
| 1998/06/28 14:00:00 | 222.93 | 7.42  | 218.98 | 5.24 | -0.01 |
| 1998/06/28 15:00:00 | 221.45 | 7.1   | 222.13 | 5.25 | 0.14  |
| 1998/06/28 16:00:00 | 221.75 | 9.33  | 218.45 | 6.25 | 0.03  |
| 1998/06/28 17:00:00 | 213.86 | 12.87 | 217.24 | 8.23 | -0.62 |
| 1998/06/28 18:00:00 | 221.57 | 10.15 | 218.94 | 6.13 | -0.66 |
| 1998/06/28 19:00:00 | 203.28 | 8.42  | 211.79 | 5.19 | -0.56 |
| 1998/06/28 20:00:00 | 205.88 | 5.06  | 199.49 | 2.19 | -0.2  |
| 1998/06/28 21:00:00 | 198.42 | 6.06  | 260.52 | 1.63 | 0.83  |
| 1998/06/28 22:00:00 | 185.69 | 8.26  | 195.25 | 3.19 | 0.13  |
| 1998/06/28 23:00:00 | 177.85 | 8.54  | 181.85 | 4.08 | -0.3  |
| 1998/06/29 00:00:00 | 177.14 | 7.9   | 171.7  | 3.21 | -0.21 |
| 1998/06/29 01:00:00 | 171.25 | 7.54  | 163.02 | 3.72 | -0.16 |
| 1998/06/29 02:00:00 | 170.64 | 6.63  | 179.06 | 2.85 | -0.23 |
| 1998/06/29 03:00:00 | 152.19 | 5.41  | 380.6  | 1.84 | 0.18  |
| 1998/06/29 04:00:00 | 132.78 | 2.68  | 408.38 | 2.42 | -0.59 |
| 1998/06/29 05:00:00 | 139.47 | 5.64  | 328.67 | 2.13 | -1.38 |
| 1998/06/29 06:00:00 | 125.43 | 6.17  | 87.02  | 2.6  | -1.48 |
| 1998/06/29 07:00:00 | 109.44 | 7.69  | 210.46 | 3.15 | -1.64 |
| 1998/06/29 08:00:00 | 113.3  | 6.83  | 185.05 | 3.12 | -0.78 |
| 1998/06/29 09:00:00 | 128.83 | 4.49  | 147.77 | 3.23 | -0.62 |
| 1998/06/29 10:00:00 | 184.57 | 6.24  | 199.53 | 5.08 | -0.63 |
| 1998/06/29 11:00:00 | 186.05 | 6.92  | 189.45 | 5.41 | -0.4  |
| 1998/06/29 12:00:00 | 243.36 | 6.15  | 237.82 | 4.45 | 0.5   |
| 1998/06/29 13:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/06/29 14:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |

## 007\_met1998.txt

|                     |        |       |        |      |
|---------------------|--------|-------|--------|------|
| 1998/06/29 15:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/29 16:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/29 17:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/29 18:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/29 19:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/29 20:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/29 21:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/29 22:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/29 23:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 00:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 01:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 02:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 03:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 04:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 05:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 06:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 07:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 08:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 09:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 10:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 11:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/06/30 12:00:00 | 214.5  | 10.22 | 213.61 | 7.28 |
| 1998/06/30 13:00:00 | 208.13 | 10.58 | 208.8  | 7.67 |
| 1998/06/30 14:00:00 | 201.24 | 9.56  | 200.5  | 7.23 |
| 1998/06/30 15:00:00 | 201.74 | 7.88  | 209.28 | 6.03 |
| 1998/06/30 16:00:00 | 200.23 | 8.11  | 207.72 | 5.96 |
| 1998/06/30 17:00:00 | 195.52 | 7.26  | 203.4  | 5.63 |
| 1998/06/30 18:00:00 | 181.57 | 8.17  | 191.78 | 6.29 |
| 1998/06/30 19:00:00 | 176.79 | 5.71  | 190    | 3.97 |
| 1998/06/30 20:00:00 | 141.47 | 6.03  | 125.49 | 2.96 |
| 1998/06/30 21:00:00 | 145.47 | 5.95  | 109.89 | 2.49 |
| 1998/06/30 22:00:00 | 159.99 | 9.06  | 153.96 | 4.39 |
| 1998/06/30 23:00:00 | 171.13 | 9.19  | 176.72 | 4.78 |
| 1998/07/01 00:00:00 | 175.61 | 8.82  | 188.91 | 4.52 |
| 1998/07/01 01:00:00 | 189.97 | 8.6   | 198.85 | 4.42 |
| 1998/07/01 02:00:00 | 194.42 | 7.74  | 194.49 | 4.08 |
| 1998/07/01 03:00:00 | 201.41 | 7.1   | 196.18 | 3.3  |
| 1998/07/01 04:00:00 | 196.69 | 9.36  | 197.37 | 4.74 |
| 1998/07/01 05:00:00 | 202.66 | 9.03  | 203.57 | 5.45 |
| 1998/07/01 06:00:00 | 211.78 | 8.12  | 210.7  | 4.54 |
| 1998/07/01 07:00:00 | 216.43 | 13.43 | 221.85 | 7.07 |
| 1998/07/01 08:00:00 | 213.25 | 6.87  | 208.69 | 3.84 |
| 1998/07/01 09:00:00 | 208.01 | 8.85  | 205.48 | 5.92 |
| 1998/07/01 10:00:00 | 206.76 | 8.99  | 174.61 | 4.19 |
| 1998/07/01 11:00:00 | NaN    | 8.6   | NaN    | NaN  |
| 1998/07/01 12:00:00 | NaN    | 4.95  | NaN    | NaN  |
| 1998/07/01 13:00:00 | NaN    | NaN   | NaN    | NaN  |
| 1998/07/01 14:00:00 | 253.8  | NaN   | 252.78 | 2.33 |
| 1998/07/01 15:00:00 | 225.52 | 3.86  | 225.44 | 3.6  |
| 1998/07/01 16:00:00 | 207.31 | 5.91  | 215.14 | 4.74 |
| 1998/07/01 17:00:00 | 211.47 | 5.3   | 218.79 | 4.38 |
| 1998/07/01 18:00:00 | 312.13 | 16.1  | 326.33 | 9.2  |
| 1998/07/01 19:00:00 | 359.15 | 11.5  | 287.67 | 5.73 |
| 1998/07/01 20:00:00 | 192.11 | 10.71 | 313    | 3.97 |
| 1998/07/01 21:00:00 | 106.02 | 10.58 | 309.1  | 4.61 |
| 1998/07/01 22:00:00 | 209.55 | 4.25  | 261.88 | 2.62 |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/07/01 23:00:00 | 446.16 | 9.67  | 360.22 | 3.33  | 2.35  |
| 1998/07/02 00:00:00 | 452.14 | 8.19  | 336.89 | 2.71  | 2.22  |
| 1998/07/02 01:00:00 | 136.23 | 7.11  | 229.12 | 3.2   | 1.18  |
| 1998/07/02 02:00:00 | 174.57 | 5.45  | 201.41 | 2.89  | 0.97  |
| 1998/07/02 03:00:00 | 158.53 | 5.59  | 182.43 | 2.15  | 1.18  |
| 1998/07/02 04:00:00 | 139.03 | 6     | 186.43 | 2.3   | 1.17  |
| 1998/07/02 05:00:00 | 188.85 | 4.85  | 349.89 | 1.58  | 1.26  |
| 1998/07/02 06:00:00 | 204.47 | 4.11  | 342.42 | 1.31  | 1.39  |
| 1998/07/02 07:00:00 | 181.72 | 5.22  | 193.44 | 2.08  | 1.06  |
| 1998/07/02 08:00:00 | 198.68 | 3.82  | 197.07 | 2.41  | 0.7   |
| 1998/07/02 09:00:00 | 211.4  | 4.15  | 208.63 | 3.46  | -0.49 |
| 1998/07/02 10:00:00 | 221.76 | 4.88  | 217.92 | 3.82  | -1.42 |
| 1998/07/02 11:00:00 | 217.85 | 5.32  | 208.44 | 4.52  | -1.06 |
| 1998/07/02 12:00:00 | 218.61 | 4.39  | 210.54 | 3.74  | -1.16 |
| 1998/07/02 13:00:00 | 236.32 | 4.91  | 239.68 | 3.59  | -1.67 |
| 1998/07/02 14:00:00 | 262.28 | 3.34  | 276.17 | 2.39  | -1.63 |
| 1998/07/02 15:00:00 | 293.68 | 4.05  | 303.31 | 3.57  | -2.58 |
| 1998/07/02 16:00:00 | 330.85 | 3.15  | 355.82 | 2.73  | -1.03 |
| 1998/07/02 17:00:00 | 268.04 | 2.42  | 278.28 | 2.21  | -1.72 |
| 1998/07/02 18:00:00 | 329.65 | 5.74  | 326.73 | 3.54  | -1.79 |
| 1998/07/02 19:00:00 | 361.93 | 7.14  | 369.58 | 4.51  | -1.2  |
| 1998/07/02 20:00:00 | 311.53 | 7.74  | 272.22 | 4.48  | -0.87 |
| 1998/07/02 21:00:00 | 124.47 | 7.68  | 282.05 | 3.95  | -0.98 |
| 1998/07/02 22:00:00 | 249.32 | 5.13  | 249.16 | 2.15  | -0.16 |
| 1998/07/02 23:00:00 | 143.69 | 5.95  | 206.11 | 2.15  | 0.06  |
| 1998/07/03 00:00:00 | 150.22 | 6.97  | 140.02 | 2.58  | 0.15  |
| 1998/07/03 01:00:00 | 148.79 | 8.25  | 166.87 | 3.8   | 0.21  |
| 1998/07/03 02:00:00 | 148.91 | 9.12  | 152.38 | 4.46  | 0.02  |
| 1998/07/03 03:00:00 | 145.92 | 7.16  | 206.17 | 3.52  | -0.23 |
| 1998/07/03 04:00:00 | 135.31 | 6.65  | 230.55 | 2.43  | 0.17  |
| 1998/07/03 05:00:00 | 141.15 | 6.95  | 192.73 | 2.66  | 0.27  |
| 1998/07/03 06:00:00 | 120.36 | 4.26  | 404.94 | 2.13  | 0.39  |
| 1998/07/03 07:00:00 | 118.87 | 5.35  | 195.55 | 1.78  | 0.28  |
| 1998/07/03 08:00:00 | 133.39 | 6.03  | 155.72 | 2.83  | -0.36 |
| 1998/07/03 09:00:00 | 168.74 | 6.12  | 174.23 | 4.42  | -0.96 |
| 1998/07/03 10:00:00 | 169.79 | 7.08  | 181.5  | 5.22  | -1.2  |
| 1998/07/03 11:00:00 | 189.59 | 8.35  | 199.09 | 6.54  | -1.34 |
| 1998/07/03 12:00:00 | 211.81 | 7.52  | 208.28 | 5.88  | -1.53 |
| 1998/07/03 13:00:00 | 240.74 | 5.71  | 243.65 | 4.26  | -2.17 |
| 1998/07/03 14:00:00 | 232.01 | 6.59  | 234.56 | 4.69  | -2.49 |
| 1998/07/03 15:00:00 | 170.96 | 16.19 | 175.94 | 10.86 | 0.56  |
| 1998/07/03 16:00:00 | 152.02 | 3.65  | 278.53 | 2.52  | 1.48  |
| 1998/07/03 17:00:00 | 101.81 | 2.94  | 367.83 | 2.54  | 1.42  |
| 1998/07/03 18:00:00 | 270.82 | 4.68  | 333.95 | 3.11  | -1.17 |
| 1998/07/03 19:00:00 | 430.89 | 6.99  | 319.35 | 3.29  | -0.62 |
| 1998/07/03 20:00:00 | 114.38 | 8.19  | 312.65 | 3.24  | -0.24 |
| 1998/07/03 21:00:00 | 122.3  | 7.39  | 222.49 | 3.05  | 0.08  |
| 1998/07/03 22:00:00 | 133.81 | 6.26  | 203.3  | 2.8   | 0.39  |
| 1998/07/03 23:00:00 | 161.47 | 7.03  | 175.6  | 2.87  | 0.43  |
| 1998/07/04 00:00:00 | 140.77 | 5.38  | 174.74 | 2.08  | 0.25  |
| 1998/07/04 01:00:00 | 118.03 | 6.78  | 240.21 | 2.82  | 0.83  |
| 1998/07/04 02:00:00 | 140.03 | 7.13  | 181.07 | 3.1   | 0.72  |
| 1998/07/04 03:00:00 | 162.27 | 6.59  | 169.46 | 3.28  | 0.5   |
| 1998/07/04 04:00:00 | 147.76 | 4.63  | 180.24 | 1.88  | 0.48  |
| 1998/07/04 05:00:00 | 166.59 | 5.43  | 175    | 2.12  | 0.53  |
| 1998/07/04 06:00:00 | 166.61 | 3.99  | 284.13 | 1.84  | 0.76  |

## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/07/04 07:00:00 | 145.44 | 3.63 | 425.57 | 1.8  | 1.07  |
| 1998/07/04 08:00:00 | 160.57 | 4.14 | 146.62 | 1.91 | 0.17  |
| 1998/07/04 09:00:00 | 193.61 | 3.63 | 188.54 | 2.82 | -0.57 |
| 1998/07/04 10:00:00 | 217.18 | 4.61 | 201.97 | 3.91 | -0.94 |
| 1998/07/04 11:00:00 | 217.53 | 6.25 | 203.6  | 5.09 | -1.29 |
| 1998/07/04 12:00:00 | 215.98 | 5.21 | 210.93 | 4.62 | -1.39 |
| 1998/07/04 13:00:00 | 211.65 | 6.59 | 210.78 | 5.45 | -2.07 |
| 1998/07/04 14:00:00 | 206.04 | 6.29 | 207.99 | 5.03 | -1.93 |
| 1998/07/04 15:00:00 | 240.94 | 4.71 | 240.86 | 3.36 | -1.89 |
| 1998/07/04 16:00:00 | 280.33 | 2.56 | 268.28 | 2.54 | -2.05 |
| 1998/07/04 17:00:00 | 261.13 | 2.66 | 247.46 | 2.41 | -1.96 |
| 1998/07/04 18:00:00 | 270.82 | 2.68 | 279.2  | 2.27 | -2.01 |
| 1998/07/04 19:00:00 | 181.38 | 2.36 | 257.21 | 1.82 | -1.85 |
| 1998/07/04 20:00:00 | 385.06 | 2.24 | 402.84 | 1.86 | 1.3   |
| 1998/07/04 21:00:00 | 473.42 | 3.75 | 414.32 | 2.16 | 4.65  |
| 1998/07/04 22:00:00 | 434.98 | 5.22 | 257.08 | 1.97 | 4.99  |
| 1998/07/04 23:00:00 | 174.27 | 5.59 | 247.06 | 1.5  | 3.31  |
| 1998/07/05 00:00:00 | 181.95 | 5.89 | 360.87 | 2.15 | 4.32  |
| 1998/07/05 01:00:00 | 194.53 | 7.65 | 187.31 | 2.16 | 2     |
| 1998/07/05 02:00:00 | 195.46 | 6.86 | 166.26 | 1.97 | 0.89  |
| 1998/07/05 03:00:00 | 191.71 | 5.95 | 151    | 1.24 | 1.54  |
| 1998/07/05 04:00:00 | 193.05 | 5.96 | 161.08 | 1.57 | 0.99  |
| 1998/07/05 05:00:00 | 215.39 | 6.57 | 196.94 | 2.03 | 0.6   |
| 1998/07/05 06:00:00 | 223.18 | 7.01 | 219.93 | 2.99 | 0.13  |
| 1998/07/05 07:00:00 | 239.91 | 6.15 | 230.52 | 2.2  | -0.19 |
| 1998/07/05 08:00:00 | 246.83 | 6.49 | 234.06 | 2.89 | -0.48 |
| 1998/07/05 09:00:00 | 258.09 | 5.86 | 258.73 | 2.96 | -1.46 |
| 1998/07/05 10:00:00 | 255.72 | 5.58 | 244.76 | 3.55 | -1.46 |
| 1998/07/05 11:00:00 | 264.51 | 5.16 | 263.28 | 3.35 | -0.8  |
| 1998/07/05 12:00:00 | 278.96 | 4.76 | 290.07 | 3.93 | -0.89 |
| 1998/07/05 13:00:00 | 268.21 | 4.26 | 262.59 | 3.2  | -1.65 |
| 1998/07/05 14:00:00 | 257.09 | 3.77 | 266.45 | 3.02 | -1.88 |
| 1998/07/05 15:00:00 | 239.91 | 3.77 | 244.17 | 3.22 | -2.18 |
| 1998/07/05 16:00:00 | 289.06 | 2.51 | 285.92 | 2.02 | -1.84 |
| 1998/07/05 17:00:00 | 296.28 | 4.86 | 311.01 | 3.55 | -1.97 |
| 1998/07/05 18:00:00 | 334.96 | 7.61 | 336.67 | 4.85 | -1.37 |
| 1998/07/05 19:00:00 | 398.47 | 6    | 372.09 | 3.58 | -1.36 |
| 1998/07/05 20:00:00 | 204.75 | 3.55 | 266.45 | 2.17 | 0.38  |
| 1998/07/05 21:00:00 | 83.95  | 6.23 | 315.67 | 1.6  | 2.43  |
| 1998/07/05 22:00:00 | 91.37  | 7.69 | 210.27 | 2    | 3.56  |
| 1998/07/05 23:00:00 | 117.89 | 7.11 | 122.82 | 2.11 | 5.03  |
| 1998/07/06 00:00:00 | 114.88 | 8.36 | 197.68 | 2.38 | 3.85  |
| 1998/07/06 01:00:00 | 135.3  | 6.83 | 356.68 | 2.49 | 4.7   |
| 1998/07/06 02:00:00 | 106.81 | 9.04 | 283.79 | 2.86 | 2.75  |
| 1998/07/06 03:00:00 | 113.36 | 9    | 195.86 | 2.42 | 1.41  |
| 1998/07/06 04:00:00 | 128.04 | 7.37 | 217.94 | 2.39 | 1.5   |
| 1998/07/06 05:00:00 | 164.55 | 5.08 | 346.45 | 1.91 | 2.58  |
| 1998/07/06 06:00:00 | 210.11 | 4.01 | 400.93 | 1.64 | 2.51  |
| 1998/07/06 07:00:00 | 242.11 | 3.81 | 413.6  | 1.31 | 2.15  |
| 1998/07/06 08:00:00 | 236.26 | 4.34 | 193.89 | 2.07 | 1.05  |
| 1998/07/06 09:00:00 | 262.12 | 4.28 | 241.62 | 2.68 | -0.73 |
| 1998/07/06 10:00:00 | 261.83 | 3.52 | 259.82 | 3.1  | -1.28 |
| 1998/07/06 11:00:00 | 274.42 | 3.7  | 272.58 | 2.92 | -0.39 |
| 1998/07/06 12:00:00 | 267.44 | 3.81 | 270.22 | 3.23 | -0.67 |
| 1998/07/06 13:00:00 | 277.82 | 3.58 | 290.72 | 3    | -1.98 |
| 1998/07/06 14:00:00 | 284.57 | 4.26 | 289.87 | 3.32 | -2.42 |



## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/07/06 15:00:00 | 280.73 | 4.45 | 281.23 | 3.42 | -2.52 |
| 1998/07/06 16:00:00 | 277.92 | 3.94 | 282.62 | 3.07 | -2.32 |
| 1998/07/06 17:00:00 | 294.61 | 4.06 | 290.95 | 3.05 | -2.54 |
| 1998/07/06 18:00:00 | 302.16 | 3.09 | 282.85 | 2.5  | -2.27 |
| 1998/07/06 19:00:00 | 325.24 | 2.37 | 296.77 | 1.9  | -1.84 |
| 1998/07/06 20:00:00 | 305.48 | 2.24 | 421.94 | 1.47 | 1.14  |
| 1998/07/06 21:00:00 | 94.43  | 6.53 | 408.94 | 2.74 | 2.21  |
| 1998/07/06 22:00:00 | 103.46 | 6.81 | 343.07 | 2.05 | 0.59  |
| 1998/07/06 23:00:00 | 111.79 | 6.36 | 303.89 | 1.89 | -0.04 |
| 1998/07/07 00:00:00 | 106.02 | 7.17 | 204.09 | 2.36 | 0.08  |
| 1998/07/07 01:00:00 | 115.05 | 7.04 | 242.66 | 2.39 | 1.04  |
| 1998/07/07 02:00:00 | 122.4  | 6.79 | 307.38 | 2.41 | 1.97  |
| 1998/07/07 03:00:00 | 136.01 | 5.14 | 88.12  | 1.88 | 2.2   |
| 1998/07/07 04:00:00 | 128.9  | 6.82 | 198.2  | 2.52 | 1.62  |
| 1998/07/07 05:00:00 | 137.08 | 7.22 | 267.67 | 2.97 | 0.61  |
| 1998/07/07 06:00:00 | 157.77 | 6.73 | 153.97 | 3.03 | 0.01  |
| 1998/07/07 07:00:00 | 165.23 | 5.56 | 159.06 | 2.4  | -0.14 |
| 1998/07/07 08:00:00 | 177.72 | 4.68 | 179.22 | 2.98 | -0.41 |
| 1998/07/07 09:00:00 | 238.34 | 3.98 | 228.65 | 3.24 | -1.12 |
| 1998/07/07 10:00:00 | 266.89 | 3.37 | 274.4  | 2.91 | -1.2  |
| 1998/07/07 11:00:00 | 217.19 | 3.7  | 216.61 | 3.48 | -0.6  |
| 1998/07/07 12:00:00 | 211.61 | 4.89 | 208.84 | 4.37 | -1.03 |
| 1998/07/07 13:00:00 | 239.94 | 5.43 | 239.24 | 4.01 | -2.1  |
| 1998/07/07 14:00:00 | 250.24 | 4.79 | 252.67 | 3.85 | -2.2  |
| 1998/07/07 15:00:00 | 249.29 | 5.02 | 255.31 | 4.07 | -2.21 |
| 1998/07/07 16:00:00 | 264.16 | 3.89 | 271.1  | 3.28 | -1.87 |
| 1998/07/07 17:00:00 | 245.82 | 4.3  | 247.89 | 3.3  | -2.06 |
| 1998/07/07 18:00:00 | 212.98 | 3.87 | 219.5  | 3.01 | -1.74 |
| 1998/07/07 19:00:00 | 206.36 | 2.06 | 234.51 | 1.74 | -1.96 |
| 1998/07/07 20:00:00 | 126.9  | 6.16 | 224.49 | 1.98 | -0.68 |
| 1998/07/07 21:00:00 | 118.2  | 7.39 | 253.7  | 2.82 | -0.79 |
| 1998/07/07 22:00:00 | 121.8  | 7.02 | 250.96 | 2.39 | -0.21 |
| 1998/07/07 23:00:00 | 121.05 | 8.29 | 242.05 | 2.84 | 0.25  |
| 1998/07/08 00:00:00 | 139.24 | 7.15 | 218.6  | 2.42 | 0.84  |
| 1998/07/08 01:00:00 | 153.41 | 8.24 | 170.37 | 3.28 | 0.27  |
| 1998/07/08 02:00:00 | 165.72 | 8.5  | 175.08 | 4.56 | -0.35 |
| 1998/07/08 03:00:00 | 188.25 | 8.2  | 190.78 | 4.58 | -0.38 |
| 1998/07/08 04:00:00 | 189.28 | 8.23 | 194.33 | 4.05 | -0.27 |
| 1998/07/08 05:00:00 | 200.46 | 6.57 | 205.37 | 2.64 | -0.21 |
| 1998/07/08 06:00:00 | 204.87 | 7.42 | 184.98 | 3.06 | 0.3   |
| 1998/07/08 07:00:00 | 199.47 | NaN  | 188.35 | 3.74 | 0.11  |
| 1998/07/08 08:00:00 | 194.18 | NaN  | 191.93 | 4.87 | -0.43 |
| 1998/07/08 09:00:00 | 211.69 | NaN  | 210.72 | 6.36 | -1.47 |
| 1998/07/08 10:00:00 | 211.69 | NaN  | 210.72 | 6.36 | -1.47 |
| 1998/07/08 11:00:00 | 211.69 | NaN  | 210.72 | 6.36 | -1.47 |
| 1998/07/08 12:00:00 | 211.69 | NaN  | 210.72 | 6.36 | -1.47 |
| 1998/07/08 13:00:00 | 216.5  | NaN  | 216    | 5.53 | -2.53 |
| 1998/07/08 14:00:00 | 212.39 | NaN  | 219.73 | 5.29 | -2.71 |
| 1998/07/08 15:00:00 | 219.27 | NaN  | 221.62 | 4.78 | -2.62 |
| 1998/07/08 16:00:00 | 213.94 | NaN  | 218.44 | 4.66 | -2.62 |
| 1998/07/08 17:00:00 | 222.42 | NaN  | 228.82 | 3.66 | -2.37 |
| 1998/07/08 18:00:00 | 195.46 | NaN  | 204.76 | 4    | -1.66 |
| 1998/07/08 19:00:00 | 175.07 | NaN  | 186.1  | 3.98 | -1.24 |
| 1998/07/08 20:00:00 | 167.55 | NaN  | 174.94 | 3.53 | -0.65 |
| 1998/07/08 21:00:00 | 168.95 | NaN  | 195.88 | 2.16 | 0.51  |
| 1998/07/08 22:00:00 | 176.71 | NaN  | 380.96 | 1.76 | 1.55  |

## 007\_met1998.txt

|                     |        |     |        |      |       |
|---------------------|--------|-----|--------|------|-------|
| 1998/07/08 23:00:00 | 179.21 | NaN | 350.83 | 1.66 | 2.29  |
| 1998/07/09 00:00:00 | 181.35 | NaN | 193.5  | 1.98 | 1.7   |
| 1998/07/09 01:00:00 | 206.75 | NaN | 205.22 | 3.52 | 0.5   |
| 1998/07/09 02:00:00 | 197.41 | NaN | 198.17 | 5.38 | -0.05 |
| 1998/07/09 03:00:00 | 201.41 | NaN | 202.96 | 5.58 | -0.16 |
| 1998/07/09 04:00:00 | 209.99 | NaN | 204.41 | 4.63 | -0.08 |
| 1998/07/09 05:00:00 | 221.26 | NaN | 214.7  | 5.3  | -0.19 |
| 1998/07/09 06:00:00 | 222.44 | NaN | 218.95 | 5.93 | -0.48 |
| 1998/07/09 07:00:00 | 216.41 | NaN | 209.78 | 5    | -0.37 |
| 1998/07/09 08:00:00 | 225.02 | NaN | 222.16 | 6.21 | -0.67 |
| 1998/07/09 09:00:00 | 227.86 | NaN | 222.66 | 5.96 | -1.46 |
| 1998/07/09 10:00:00 | 219.7  | NaN | 216.3  | 6.44 | -1.87 |
| 1998/07/09 11:00:00 | 210.96 | NaN | 208.25 | 6.75 | -1.34 |
| 1998/07/09 12:00:00 | 207.88 | NaN | 204.81 | 6.76 | -1.96 |
| 1998/07/09 13:00:00 | 205.99 | NaN | 209.17 | 6.44 | -2.49 |
| 1998/07/09 14:00:00 | 215.22 | NaN | 215.68 | 5.53 | -2.6  |
| 1998/07/09 15:00:00 | 206.79 | NaN | 208.44 | 5.6  | -2.42 |
| 1998/07/09 16:00:00 | 206.37 | NaN | 212.34 | 5.21 | -2.61 |
| 1998/07/09 17:00:00 | 196.81 | NaN | 205.13 | 5.35 | -2.19 |
| 1998/07/09 18:00:00 | 184.19 | NaN | 198.55 | 4.84 | -1.29 |
| 1998/07/09 19:00:00 | 161.46 | NaN | 169.53 | 3.78 | -1.04 |
| 1998/07/09 20:00:00 | 174.83 | NaN | 188.76 | 2.75 | -0.09 |
| 1998/07/09 21:00:00 | 259.92 | NaN | 272.72 | 2.23 | 0.01  |
| 1998/07/09 22:00:00 | 301.08 | NaN | 365.73 | 1.92 | 0.66  |
| 1998/07/09 23:00:00 | 393.38 | NaN | 401.16 | 2.22 | 3.41  |
| 1998/07/10 00:00:00 | 156.39 | NaN | 365.36 | 1.88 | 4.37  |
| 1998/07/10 01:00:00 | 376.47 | NaN | 327.21 | 2.67 | -0.02 |
| 1998/07/10 02:00:00 | 400.2  | NaN | 241.73 | 2.38 | 0.09  |
| 1998/07/10 03:00:00 | 185.59 | NaN | 215.03 | 1.97 | 0.71  |
| 1998/07/10 04:00:00 | 189.34 | NaN | 185.59 | 3.16 | -0.08 |
| 1998/07/10 05:00:00 | 199.11 | NaN | 195.3  | 3.08 | 0     |
| 1998/07/10 06:00:00 | 190.4  | NaN | 179.29 | 2.71 | -0.2  |
| 1998/07/10 07:00:00 | 193.74 | NaN | 193.66 | 2.96 | -0.27 |
| 1998/07/10 08:00:00 | 204.48 | NaN | 198.71 | 3.63 | -0.43 |
| 1998/07/10 09:00:00 | 218.12 | NaN | 215.54 | 4.81 | -1.43 |
| 1998/07/10 10:00:00 | 228.88 | NaN | 225.15 | 5.83 | -1.83 |
| 1998/07/10 11:00:00 | 217.92 | NaN | 217.71 | 6.15 | -1.42 |
| 1998/07/10 12:00:00 | 215.35 | NaN | 213    | 6.04 | -1.88 |
| 1998/07/10 13:00:00 | 212.97 | NaN | 213.93 | 5.78 | -2.57 |
| 1998/07/10 14:00:00 | 209.02 | NaN | 213.16 | 6.31 | -2.67 |
| 1998/07/10 15:00:00 | 204.5  | NaN | 211.43 | 5.18 | -2.46 |
| 1998/07/10 16:00:00 | 196.38 | NaN | 205.23 | 5.16 | -2.33 |
| 1998/07/10 17:00:00 | 206.71 | NaN | 218.62 | 4.97 | -2.38 |
| 1998/07/10 18:00:00 | 198.72 | NaN | 210.66 | 4.96 | -1.89 |
| 1998/07/10 19:00:00 | 184.35 | NaN | 197.08 | 4.53 | -1.18 |
| 1998/07/10 20:00:00 | 188.3  | NaN | 190.92 | 3.43 | -0.33 |
| 1998/07/10 21:00:00 | 186.39 | NaN | 225.24 | 2.48 | 0.2   |
| 1998/07/10 22:00:00 | 281.75 | NaN | 272.93 | 9.63 | -0.43 |
| 1998/07/10 23:00:00 | 428.71 | NaN | 365.3  | 9.63 | -0.99 |
| 1998/07/11 00:00:00 | 246.53 | NaN | 310.46 | 5.45 | -0.8  |
| 1998/07/11 01:00:00 | 125.74 | NaN | 208.82 | 5.24 | -0.43 |
| 1998/07/11 02:00:00 | 192.95 | NaN | 202.59 | 6.9  | -0.17 |
| 1998/07/11 03:00:00 | 157.51 | NaN | 180.42 | 5.54 | 1.14  |
| 1998/07/11 04:00:00 | 191.94 | NaN | 199.42 | 4.77 | 1.05  |
| 1998/07/11 05:00:00 | 204.82 | NaN | 205.19 | 5.56 | 1.18  |
| 1998/07/11 06:00:00 | 206.29 | NaN | 203.75 | 5.26 | 0.57  |

## 007\_met1998.txt

|                     |        |     |        |      |       |
|---------------------|--------|-----|--------|------|-------|
| 1998/07/11 07:00:00 | 241.7  | NaN | 240.39 | 3.19 | 0.48  |
| 1998/07/11 08:00:00 | 235.23 | NaN | 229.78 | 5.44 | -0.22 |
| 1998/07/11 09:00:00 | 241.19 | NaN | 229.78 | 4.94 | -1.27 |
| 1998/07/11 10:00:00 | 232.58 | NaN | 221.48 | 5.63 | -1.78 |
| 1998/07/11 11:00:00 | 233.69 | NaN | 224.51 | 5.33 | -1.43 |
| 1998/07/11 12:00:00 | 226.4  | NaN | 223.99 | 3.96 | -2.24 |
| 1998/07/11 13:00:00 | 218.25 | NaN | 221.68 | 3.81 | -2.44 |
| 1998/07/11 14:00:00 | 219.86 | NaN | 226.23 | 4.36 | -2.92 |
| 1998/07/11 15:00:00 | 205.26 | NaN | 211.23 | 4.3  | -2.59 |
| 1998/07/11 16:00:00 | 252.44 | NaN | 247.87 | 2.73 | -3.05 |
| 1998/07/11 17:00:00 | 257.82 | NaN | 260.04 | 3.38 | -1.69 |
| 1998/07/11 18:00:00 | 237.26 | NaN | 245.3  | 6.85 | 1.41  |
| 1998/07/11 19:00:00 | 254.08 | NaN | 290.48 | 5.63 | 2.12  |
| 1998/07/11 20:00:00 | 95.53  | NaN | 287.38 | 5.9  | 2.05  |
| 1998/07/11 21:00:00 | 111.13 | NaN | 279.82 | 5.1  | 1.5   |
| 1998/07/11 22:00:00 | 101.08 | NaN | 341.02 | 3.03 | 1.6   |
| 1998/07/11 23:00:00 | 407.9  | NaN | 328.78 | 5.23 | 1.11  |
| 1998/07/12 00:00:00 | 464.34 | NaN | 328.99 | 5.06 | -0.03 |
| 1998/07/12 01:00:00 | 121.55 | NaN | 284.58 | 3.63 | -0.03 |
| 1998/07/12 02:00:00 | 124.06 | NaN | 228.34 | 3.39 | 0.1   |
| 1998/07/12 03:00:00 | 141.61 | NaN | 154.36 | 4.79 | 0.32  |
| 1998/07/12 04:00:00 | 142.29 | NaN | 167.88 | 4.45 | 0.8   |
| 1998/07/12 05:00:00 | 153.47 | NaN | 158.83 | 6.96 | 0.06  |
| 1998/07/12 06:00:00 | 158.05 | NaN | 167.22 | 5.81 | -0.32 |
| 1998/07/12 07:00:00 | 174.44 | NaN | 179.56 | 4.11 | -0.23 |
| 1998/07/12 08:00:00 | 194.92 | NaN | 197.39 | 5.26 | -0.42 |
| 1998/07/12 09:00:00 | 189.71 | NaN | 190.12 | 4.07 | -0.95 |
| 1998/07/12 10:00:00 | 207    | NaN | 203.18 | 5.19 | -1.33 |
| 1998/07/12 11:00:00 | 217.56 | NaN | 212.77 | 6.05 | -1.76 |
| 1998/07/12 12:00:00 | 213.57 | NaN | 212.28 | 5.38 | -1.82 |
| 1998/07/12 13:00:00 | 212.1  | NaN | 207.11 | 4.58 | -2.18 |
| 1998/07/12 14:00:00 | 208.13 | NaN | 213.39 | 3.74 | -2.53 |
| 1998/07/12 15:00:00 | 205.86 | NaN | 206.84 | 3.21 | -2.75 |
| 1998/07/12 16:00:00 | 250.27 | NaN | 299.74 | 3.1  | -1.94 |
| 1998/07/12 17:00:00 | 275.01 | NaN | 327.91 | 4.92 | -0.24 |
| 1998/07/12 18:00:00 | 438.17 | NaN | 399.94 | 3.99 | 2.46  |
| 1998/07/12 19:00:00 | 454.61 | NaN | 224.51 | 3.33 | 2.52  |
| 1998/07/12 20:00:00 | 442.99 | NaN | 391.75 | 4.46 | 2.69  |
| 1998/07/12 21:00:00 | 448.01 | NaN | 395.02 | 4.05 | 0.88  |
| 1998/07/12 22:00:00 | 452.51 | NaN | 409.45 | 3.25 | 0.79  |
| 1998/07/12 23:00:00 | 454.98 | NaN | 418.24 | 3.97 | 0.92  |
| 1998/07/13 00:00:00 | 243.58 | NaN | 369.43 | 2.91 | 0.81  |
| 1998/07/13 01:00:00 | 117.84 | NaN | 251    | 2.17 | 1.09  |
| 1998/07/13 02:00:00 | 122.36 | NaN | 185.15 | 3.36 | 1.3   |
| 1998/07/13 03:00:00 | 149.5  | NaN | 208.43 | 4.05 | 1.21  |
| 1998/07/13 04:00:00 | 159.13 | NaN | 148.53 | 4.73 | 0.23  |
| 1998/07/13 05:00:00 | 154.13 | NaN | 131.57 | 2.43 | 0.63  |
| 1998/07/13 06:00:00 | 183.78 | NaN | 205.09 | 1.56 | 1.26  |
| 1998/07/13 07:00:00 | 217.03 | NaN | 372.03 | 1.41 | 1.14  |
| 1998/07/13 08:00:00 | 243.3  | NaN | 229.76 | 3.39 | 1.24  |
| 1998/07/13 09:00:00 | 232.88 | NaN | 257.53 | 2.04 | 1.43  |
| 1998/07/13 10:00:00 | 310.1  | NaN | 159.14 | 2.39 | 0.81  |
| 1998/07/13 11:00:00 | 161.23 | NaN | 189.72 | 4.13 | -0.34 |
| 1998/07/13 12:00:00 | 190.1  | NaN | 193.98 | 3.65 | -1.14 |
| 1998/07/13 13:00:00 | 348.7  | NaN | 355.55 | 3.85 | -0.4  |
| 1998/07/13 14:00:00 | 251.14 | NaN | 203.19 | 3.58 | -1.36 |

## 007\_met1998.txt

|                     |        |     |        |      |       |
|---------------------|--------|-----|--------|------|-------|
| 1998/07/13 15:00:00 | 242.63 | NaN | 239.51 | 2.86 | -1.85 |
| 1998/07/13 16:00:00 | 231    | NaN | 236.5  | 2.67 | -1.82 |
| 1998/07/13 17:00:00 | 229.26 | NaN | 253.22 | 2.28 | -2.13 |
| 1998/07/13 18:00:00 | 314.26 | NaN | 308.54 | 2.52 | -2.59 |
| 1998/07/13 19:00:00 | 357.36 | NaN | 227.7  | 2.07 | -1.32 |
| 1998/07/13 20:00:00 | 465.31 | NaN | 277.49 | 1.67 | 0.18  |
| 1998/07/13 21:00:00 | 462.58 | NaN | 340.83 | 2.23 | 0.39  |
| 1998/07/13 22:00:00 | 458.39 | NaN | 373.49 | 2.43 | -0.28 |
| 1998/07/13 23:00:00 | 453.01 | NaN | 383.76 | 2.44 | -0.11 |
| 1998/07/14 00:00:00 | 183.69 | NaN | 245.85 | 5.29 | 0.32  |
| 1998/07/14 01:00:00 | 95.31  | NaN | 387.72 | 3.75 | 2.82  |
| 1998/07/14 02:00:00 | 225.32 | NaN | 384.85 | 3.46 | 3.4   |
| 1998/07/14 03:00:00 | 389.08 | NaN | 389.66 | 3.28 | 3.36  |
| 1998/07/14 04:00:00 | 219.09 | NaN | 174.26 | 2.96 | 2.93  |
| 1998/07/14 05:00:00 | 154.61 | NaN | 151.17 | 2.38 | 3.64  |
| 1998/07/14 06:00:00 | 249.62 | NaN | 250.2  | 2.72 | 3.59  |
| 1998/07/14 07:00:00 | 278.67 | NaN | 295.78 | 2.46 | 3.54  |
| 1998/07/14 08:00:00 | 325.6  | NaN | 329.75 | 2.42 | 2.63  |
| 1998/07/14 09:00:00 | 340.8  | NaN | 326.85 | 2.3  | 0     |
| 1998/07/14 10:00:00 | 373.14 | NaN | 373.14 | 2.43 | -1.65 |
| 1998/07/14 11:00:00 | 266.06 | NaN | 265.44 | 2.41 | -1.7  |
| 1998/07/14 12:00:00 | 262.37 | NaN | 255.95 | 2.68 | -1.5  |
| 1998/07/14 13:00:00 | 228.74 | NaN | 220.43 | 3.35 | -1.6  |
| 1998/07/14 14:00:00 | 219.41 | NaN | 223.65 | 5.18 | -1.8  |
| 1998/07/14 15:00:00 | 216.32 | NaN | 223.53 | 5.61 | -1.98 |
| 1998/07/14 16:00:00 | 223.76 | NaN | 223.79 | 5.41 | -2.2  |
| 1998/07/14 17:00:00 | 217.21 | NaN | 219.14 | 4.35 | -2.04 |
| 1998/07/14 18:00:00 | 201.47 | NaN | 214.31 | 3.77 | -1.91 |
| 1998/07/14 19:00:00 | 201.53 | NaN | 223.6  | 2.77 | -1.88 |
| 1998/07/14 20:00:00 | 182.5  | NaN | 171.5  | 2.76 | -0.69 |
| 1998/07/14 21:00:00 | 163.42 | NaN | 245.45 | 2.09 | 0.38  |
| 1998/07/14 22:00:00 | 128.84 | NaN | 418.84 | 2.33 | 2.11  |
| 1998/07/14 23:00:00 | 106.49 | NaN | 223.39 | 1.9  | 0.59  |
| 1998/07/15 00:00:00 | 131.02 | NaN | 194.02 | 1.82 | 0.4   |
| 1998/07/15 01:00:00 | 163.37 | NaN | 155.49 | 4.01 | 0.37  |
| 1998/07/15 02:00:00 | 141.85 | NaN | 232.18 | 2.31 | 0.12  |
| 1998/07/15 03:00:00 | 165.12 | NaN | 229.62 | 2.44 | 0.13  |
| 1998/07/15 04:00:00 | 174.08 | NaN | 313.64 | 1.5  | 0.55  |
| 1998/07/15 05:00:00 | 160.54 | NaN | 298.04 | 1.7  | 0.67  |
| 1998/07/15 06:00:00 | 153.41 | NaN | 286.43 | 1.48 | 0.7   |
| 1998/07/15 07:00:00 | 114    | NaN | 417.61 | 2.39 | 1.06  |
| 1998/07/15 08:00:00 | 159.43 | NaN | 168    | 2.13 | 0.49  |
| 1998/07/15 09:00:00 | 177.35 | NaN | 194.97 | 2.72 | -0.89 |
| 1998/07/15 10:00:00 | 187.3  | NaN | 188.94 | 3.05 | -1.48 |
| 1998/07/15 11:00:00 | 229.14 | NaN | 236.46 | 3.44 | -1.45 |
| 1998/07/15 12:00:00 | 242.8  | NaN | 250.81 | 3    | -2.19 |
| 1998/07/15 13:00:00 | 248.18 | NaN | 251.98 | 3.14 | -2.86 |
| 1998/07/15 14:00:00 | 262.52 | NaN | 276.39 | 3.54 | -2.8  |
| 1998/07/15 15:00:00 | 216.01 | NaN | 216.78 | 4.19 | -2.77 |
| 1998/07/15 16:00:00 | 224.6  | NaN | 217.16 | 3.73 | -2.48 |
| 1998/07/15 17:00:00 | 276.32 | NaN | 292.37 | 2.51 | -2.84 |
| 1998/07/15 18:00:00 | 253.59 | NaN | 264.53 | 1.82 | -2.45 |
| 1998/07/15 19:00:00 | 305.2  | NaN | 319.28 | 1.91 | -1.95 |
| 1998/07/15 20:00:00 | 357.16 | NaN | 396.54 | 1.51 | 0.87  |
| 1998/07/15 21:00:00 | 326.62 | NaN | 333.78 | 1.6  | 2.49  |
| 1998/07/15 22:00:00 | 187.85 | NaN | 366.84 | 1.54 | 1.03  |

## 007\_met1998.txt

|                     |        |     |        |      |       |
|---------------------|--------|-----|--------|------|-------|
| 1998/07/15 23:00:00 | 186.99 | NaN | 331.39 | 1.4  | 0.72  |
| 1998/07/16 00:00:00 | 171.78 | 5   | 282.3  | 1.53 | 1.84  |
| 1998/07/16 01:00:00 | 166.32 | 4   | 415.07 | 1.68 | 2.32  |
| 1998/07/16 02:00:00 | 171.5  | 6   | 227.02 | 1.47 | 2.14  |
| 1998/07/16 03:00:00 | 212.33 | 5   | 278.77 | 1.34 | 1.01  |
| 1998/07/16 04:00:00 | 186.61 | 5   | 129.34 | 1.55 | 1.36  |
| 1998/07/16 05:00:00 | 186.05 | 4   | 261.32 | 1.21 | 1.11  |
| 1998/07/16 06:00:00 | 259.32 | 7   | 399.89 | 1.95 | 2.08  |
| 1998/07/16 07:00:00 | 241.13 | 5   | 247.27 | 1.87 | 2.2   |
| 1998/07/16 08:00:00 | 242.17 | 4   | 179.17 | 1.68 | 1.06  |
| 1998/07/16 09:00:00 | 262.94 | 4   | 246.47 | 2.73 | -0.87 |
| 1998/07/16 10:00:00 | 258.19 | 3   | 269.88 | 2.92 | -1.64 |
| 1998/07/16 11:00:00 | 262.7  | 4   | 268.26 | 3.28 | -1.34 |
| 1998/07/16 12:00:00 | 279.85 | 5   | 274.92 | 3.65 | -1.91 |
| 1998/07/16 13:00:00 | 317.18 | 7.5 | 325.41 | 4.84 | -2.62 |
| 1998/07/16 14:00:00 | 324    | 7.5 | 337.74 | 4.85 | -2.85 |
| 1998/07/16 15:00:00 | 326.25 | 8   | 327.9  | 5.38 | -2.94 |
| 1998/07/16 16:00:00 | 337.91 | 8   | 339.89 | 4.5  | -2.45 |
| 1998/07/16 17:00:00 | 352.47 | 6   | 364.6  | 3.86 | -1.5  |
| 1998/07/16 18:00:00 | 360.31 | 7   | 374.25 | 2.9  | -1.24 |
| 1998/07/16 19:00:00 | 363.47 | 7   | 369.31 | 3.12 | -0.93 |
| 1998/07/16 20:00:00 | 347.02 | 6   | 312.9  | 1.92 | -0.18 |
| 1998/07/16 21:00:00 | 323.47 | 4   | 401.9  | 1.86 | 2.69  |
| 1998/07/16 22:00:00 | 323.12 | 4   | 407.62 | 1.9  | 3.26  |
| 1998/07/16 23:00:00 | 320.46 | 5   | 401.86 | 2.1  | 3.09  |
| 1998/07/17 00:00:00 | 339.22 | 5   | 410.08 | 2.01 | 3.11  |
| 1998/07/17 01:00:00 | 340.51 | 5   | 120.18 | 2.05 | 3.52  |
| 1998/07/17 02:00:00 | 295.77 | 3   | 415.1  | 1.35 | 2.98  |
| 1998/07/17 03:00:00 | 274.95 | 2.5 | 296.78 | 1.14 | 1.96  |
| 1998/07/17 04:00:00 | 307.55 | 4   | 188.14 | 1.72 | 1.84  |
| 1998/07/17 05:00:00 | 336.9  | 7   | 388.13 | 2.3  | 2.21  |
| 1998/07/17 06:00:00 | 340.49 | 7.5 | 360.15 | 2.59 | 1.38  |
| 1998/07/17 07:00:00 | 337.03 | 7   | 380.3  | 2.39 | 0.92  |
| 1998/07/17 08:00:00 | 330.67 | 5   | 346.76 | 1.8  | 0.35  |
| 1998/07/17 09:00:00 | 343.86 | 8   | 355.12 | 3.96 | -1.06 |
| 1998/07/17 10:00:00 | 338.24 | 5   | 349.58 | 3.76 | -1.88 |
| 1998/07/17 11:00:00 | 331.1  | 8   | 338.76 | 4.76 | -1.26 |
| 1998/07/17 12:00:00 | 326.9  | 6   | 345.51 | 4.23 | -2.09 |
| 1998/07/17 13:00:00 | 317.74 | 8   | 321.42 | 5.14 | -2.99 |
| 1998/07/17 14:00:00 | 322.63 | 8   | 319.31 | 5.52 | -3.15 |
| 1998/07/17 15:00:00 | 321.26 | 9   | 317.51 | 5.8  | -3.12 |
| 1998/07/17 16:00:00 | 328.79 | 9   | 331.05 | 4.91 | -3.11 |
| 1998/07/17 17:00:00 | 347.56 | 7.5 | 356.6  | 5.57 | -2.38 |
| 1998/07/17 18:00:00 | 366.5  | 7.5 | 374.62 | 5.33 | -1.95 |
| 1998/07/17 19:00:00 | 369.01 | 7   | 369.73 | 3.97 | -1.37 |
| 1998/07/17 20:00:00 | 352.15 | 5   | 373.65 | 1.66 | 0.46  |
| 1998/07/17 21:00:00 | 350.27 | 5   | 400.16 | 1.73 | 3.03  |
| 1998/07/17 22:00:00 | 345.75 | 4   | 412.63 | 1.99 | 4.88  |
| 1998/07/17 23:00:00 | 330.66 | 2.5 | 419.58 | 1.8  | 5.04  |
| 1998/07/18 00:00:00 | 290.71 | 4   | 409.41 | 2.42 | 4.85  |
| 1998/07/18 01:00:00 | 346.16 | 3   | 101.43 | 2.15 | 5.39  |
| 1998/07/18 02:00:00 | 294.24 | 2.5 | 64     | 1.9  | 4.23  |
| 1998/07/18 03:00:00 | 282.89 | 2.5 | 56.3   | 1.64 | 4.36  |
| 1998/07/18 04:00:00 | 247.26 | 2   | 144.87 | 1.32 | 4.2   |
| 1998/07/18 05:00:00 | 295.55 | 3   | 428.12 | 1.46 | 3.86  |
| 1998/07/18 06:00:00 | 266.19 | 3   | 425.23 | 1.61 | 3.88  |

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|                     |        |     |        |      |       |
|---------------------|--------|-----|--------|------|-------|
| 1998/07/18 07:00:00 | 329.08 | 2   | 243.57 | 1.48 | 3.89  |
| 1998/07/18 08:00:00 | 353.95 | 1.5 | 153.08 | 1.25 | 2.68  |
| 1998/07/18 09:00:00 | 212.84 | 2   | 174.7  | 1.59 | 2.04  |
| 1998/07/18 10:00:00 | 275.57 | 4   | 268.45 | 2.77 | -0.51 |
| 1998/07/18 11:00:00 | 257.28 | 3   | 253.36 | 3.09 | -0.84 |
| 1998/07/18 12:00:00 | 260.55 | 4   | 272.05 | 2.83 | -1.39 |
| 1998/07/18 13:00:00 | 289.04 | 4   | 292.61 | 2.91 | -2.11 |
| 1998/07/18 14:00:00 | 256.97 | 5   | 254.61 | 3.46 | -2.56 |
| 1998/07/18 15:00:00 | 278.1  | 5   | 298.39 | 3.55 | -3.12 |
| 1998/07/18 16:00:00 | 282.23 | 5   | 286.63 | 3.4  | -3.25 |
| 1998/07/18 17:00:00 | 279.72 | 6   | 267.92 | 3.47 | -2.61 |
| 1998/07/18 18:00:00 | 304.45 | 5   | 287.08 | 2.86 | -2.08 |
| 1998/07/18 19:00:00 | 321.58 | 4   | 312.74 | 2.27 | -1.77 |
| 1998/07/18 20:00:00 | 356.72 | 5   | 399.49 | 1.75 | 1.24  |
| 1998/07/18 21:00:00 | 318.28 | 3.5 | 407.25 | 2.07 | 4.21  |
| 1998/07/18 22:00:00 | 319.37 | 5   | 411.33 | 2.52 | 7.51  |
| 1998/07/18 23:00:00 | 365.44 | 3   | 417.97 | 2.19 | 6.88  |
| 1998/07/19 00:00:00 | 383.95 | 5   | 416.33 | 2.37 | 8.33  |
| 1998/07/19 01:00:00 | 72.63  | 6   | 150.37 | 2.28 | 9.02  |
| 1998/07/19 02:00:00 | 65.69  | 7   | 326.71 | 1.86 | 8.53  |
| 1998/07/19 03:00:00 | 77.06  | 8   | 435.79 | 1.74 | 6.64  |
| 1998/07/19 04:00:00 | 90.82  | 7   | 154.16 | 1.37 | 4.47  |
| 1998/07/19 05:00:00 | 105.1  | 7   | 115.83 | 1.64 | 3.35  |
| 1998/07/19 06:00:00 | 104.62 | 8   | 110.48 | 1.62 | 3.85  |
| 1998/07/19 07:00:00 | 116.85 | 8   | 98.82  | 3.26 | 4.06  |
| 1998/07/19 08:00:00 | 108.95 | 9   | 288.67 | 3.23 | 2.51  |
| 1998/07/19 09:00:00 | 110.26 | 5   | 296.98 | 2.09 | -1.47 |
| 1998/07/19 10:00:00 | 203.87 | 3   | 169.52 | 2.67 | -1.69 |
| 1998/07/19 11:00:00 | 228.94 | 3   | 262.38 | 2.45 | -1.14 |
| 1998/07/19 12:00:00 | 257.82 | 3   | 281.55 | 2.16 | -1.08 |
| 1998/07/19 13:00:00 | 260.66 | 4   | 274.51 | 2.67 | -1.5  |
| 1998/07/19 14:00:00 | 272.42 | 3   | 284.17 | 2.32 | -1.65 |
| 1998/07/19 15:00:00 | 228.7  | 4   | 241.75 | 2.74 | -1.76 |
| 1998/07/19 16:00:00 | 263.36 | 4   | 273.46 | 2.85 | -1.73 |
| 1998/07/19 17:00:00 | 243.49 | 4.5 | 231.82 | 3.35 | -2.11 |
| 1998/07/19 18:00:00 | 267.63 | 5   | 281.97 | 2.27 | -2.2  |
| 1998/07/19 19:00:00 | 306.73 | 3   | 307.36 | 1.81 | -1.63 |
| 1998/07/19 20:00:00 | 351.22 | 3   | 398.55 | 1.73 | 1.78  |
| 1998/07/19 21:00:00 | 386.91 | 3   | 403.97 | 2.74 | 5.63  |
| 1998/07/19 22:00:00 | 397.78 | 5   | 409.96 | 2.66 | 7.57  |
| 1998/07/19 23:00:00 | 422.74 | 5.5 | 428.48 | 2.3  | 6.9   |
| 1998/07/20 00:00:00 | 448.18 | 7   | 418.05 | 1.93 | 4.73  |
| 1998/07/20 01:00:00 | 100.46 | 7   | 230.78 | 2.07 | 3.48  |
| 1998/07/20 02:00:00 | 93.52  | 7   | 363.68 | 2.08 | 2.44  |
| 1998/07/20 03:00:00 | 100.81 | 7   | 338.06 | 2.18 | 2.37  |
| 1998/07/20 04:00:00 | 109.14 | 8   | 201.02 | 2.11 | 1.49  |
| 1998/07/20 05:00:00 | 127.81 | 8   | 236.12 | 1.93 | 1.67  |
| 1998/07/20 06:00:00 | 147.95 | 6   | 438.56 | 1.6  | 1.89  |
| 1998/07/20 07:00:00 | 170.7  | 5.5 | 305.59 | 1.8  | 2     |
| 1998/07/20 08:00:00 | 182.95 | 5   | 218.74 | 2.17 | 0.47  |
| 1998/07/20 09:00:00 | 212.35 | 5   | 212.4  | 3.08 | -1.18 |
| 1998/07/20 10:00:00 | 260.2  | 4   | 250.04 | 2.89 | -1.6  |
| 1998/07/20 11:00:00 | 255.6  | 4   | 239.49 | 2.81 | -1.06 |
| 1998/07/20 12:00:00 | 282.16 | 4   | 275.52 | 3.39 | -1.99 |
| 1998/07/20 13:00:00 | 252.07 | 5   | 234.98 | 3.43 | -2.27 |
| 1998/07/20 14:00:00 | 268.02 | 5   | 269.68 | 3.29 | -2.67 |

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|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/07/20 15:00:00 | 283.42 | 6    | 281.9  | 3.7  | -2.78 |
| 1998/07/20 16:00:00 | 283.72 | 6    | 278.97 | 3.24 | -2.96 |
| 1998/07/20 17:00:00 | 287.8  | 5    | 276.35 | 2.99 | -2.95 |
| 1998/07/20 18:00:00 | 249.68 | 5    | 274.01 | 3.01 | -2.04 |
| 1998/07/20 19:00:00 | 193.17 | 8    | 184.4  | 4.45 | -1.44 |
| 1998/07/20 20:00:00 | 127.99 | 7    | 102.97 | 3.4  | 5.96  |
| 1998/07/20 21:00:00 | 108.82 | 8    | 215.01 | 3.01 | 3.37  |
| 1998/07/20 22:00:00 | 93.4   | 10   | 336.23 | 2.93 | 0.75  |
| 1998/07/20 23:00:00 | 101.2  | 12   | 331.69 | 3.83 | -0.27 |
| 1998/07/21 00:00:00 | 101.01 | 9    | 293.64 | 3.27 | -0.3  |
| 1998/07/21 01:00:00 | 158.58 | 8.5  | 184.84 | 4.74 | -0.12 |
| 1998/07/21 02:00:00 | 357.43 | 6    | 376.75 | 2.98 | 0.5   |
| 1998/07/21 03:00:00 | 454.34 | 10   | 331.36 | 2.83 | -0.05 |
| 1998/07/21 04:00:00 | 159.72 | 7    | 308.1  | 2.24 | -0.21 |
| 1998/07/21 05:00:00 | 97.79  | 8    | 204.75 | 2.3  | 0.09  |
| 1998/07/21 06:00:00 | 122.43 | 8    | 350.81 | 2.89 | 0.08  |
| 1998/07/21 07:00:00 | 104.12 | 7.5  | 296.53 | 2.54 | -0.11 |
| 1998/07/21 08:00:00 | 184.69 | 7    | 266.97 | 2.76 | -0.77 |
| 1998/07/21 09:00:00 | 117.45 | 5    | 174.88 | 2.71 | -1.38 |
| 1998/07/21 10:00:00 | 150.29 | 4    | 177.77 | 3.26 | -1.62 |
| 1998/07/21 11:00:00 | 216.1  | 3    | 235.78 | 3.1  | -1.69 |
| 1998/07/21 12:00:00 | 232.98 | 3    | 225    | 3.12 | -1.82 |
| 1998/07/21 13:00:00 | 244.17 | 4    | 248.58 | 3.47 | -2.44 |
| 1998/07/21 14:00:00 | 163.95 | 7.5  | 170.63 | 4    | -1.23 |
| 1998/07/21 15:00:00 | 244.81 | 8    | 242.96 | 4.1  | -1.64 |
| 1998/07/21 16:00:00 | 425.1  | 7.5  | 414.67 | 4.63 | -2.2  |
| 1998/07/21 17:00:00 | 346.95 | 5    | 300.52 | 2.76 | -2.19 |
| 1998/07/21 18:00:00 | 135.09 | 5    | 220.05 | 3.23 | -1.2  |
| 1998/07/21 19:00:00 | 126.12 | 8    | 192.96 | 3.43 | -1.07 |
| 1998/07/21 20:00:00 | 116.83 | 7.5  | 353.35 | 2.78 | -0.84 |
| 1998/07/21 21:00:00 | 219.58 | 7    | 272.47 | 2.5  | -0.47 |
| 1998/07/21 22:00:00 | 380.4  | 8    | 137.23 | 3.32 | -0.11 |
| 1998/07/21 23:00:00 | 121.33 | 7.5  | 174.79 | 2.38 | -0.18 |
| 1998/07/22 00:00:00 | 119.25 | 6    | 168.66 | 2.18 | -0.14 |
| 1998/07/22 01:00:00 | 140.69 | 7.5  | 248.81 | 2.04 | 0.25  |
| 1998/07/22 02:00:00 | 135.62 | 8    | 245.66 | 1.99 | 0.35  |
| 1998/07/22 03:00:00 | 166.77 | 8    | 247.13 | 2.84 | 0.6   |
| 1998/07/22 04:00:00 | 132.22 | 9    | 223.37 | 2.9  | 0.98  |
| 1998/07/22 05:00:00 | 148.25 | 9    | 160.59 | 3.85 | 0.56  |
| 1998/07/22 06:00:00 | 152.05 | 7    | 176.91 | 2.2  | 0.36  |
| 1998/07/22 07:00:00 | 139.08 | 6    | 257.74 | 1.7  | 0.6   |
| 1998/07/22 08:00:00 | 111.62 | 6    | 334.62 | 2.4  | -0.29 |
| 1998/07/22 09:00:00 | 125.99 | 4    | 144.9  | 2.5  | -1.41 |
| 1998/07/22 10:00:00 | 133.07 | 4    | 173.72 | 3.15 | -1.72 |
| 1998/07/22 11:00:00 | 254.11 | 5    | 219.11 | 3.08 | -1.04 |
| 1998/07/22 12:00:00 | 292.05 | 3.73 | 284.85 | 3.28 | -1.88 |
| 1998/07/22 13:00:00 | 284.83 | 4.23 | 304.41 | 3.55 | -2.77 |
| 1998/07/22 14:00:00 | 248.09 | 4.19 | 248.47 | 3.7  | -2.94 |
| 1998/07/22 15:00:00 | 188.11 | 3.37 | 220.98 | 3.13 | -2.42 |
| 1998/07/22 16:00:00 | 178.59 | 5.96 | 180    | 5.58 | -2.22 |
| 1998/07/22 17:00:00 | 147.5  | 8.07 | 249.9  | 4.91 | -1.77 |
| 1998/07/22 18:00:00 | 169.29 | 4.62 | 239.15 | 4.99 | -1.22 |
| 1998/07/22 19:00:00 | 174.52 | 1.64 | 185.76 | 5.12 | -1.09 |
| 1998/07/22 20:00:00 | 182.77 | NaN  | 204.23 | 3.93 | -0.85 |
| 1998/07/22 21:00:00 | 134.65 | NaN  | 198.53 | 2.83 | -0.39 |
| 1998/07/22 22:00:00 | 126.08 | 4.21 | 239.77 | 2.8  | -0.14 |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/07/22 23:00:00 | 131.53 | 4.36  | 141.09 | 3.27  | -0.29 |
| 1998/07/23 00:00:00 | 119.3  | 5.02  | 233.57 | 2.71  | -0.17 |
| 1998/07/23 01:00:00 | 127.27 | 3.45  | 264.05 | 2.71  | 0.14  |
| 1998/07/23 02:00:00 | 129    | 2.84  | 231.26 | 1.82  | 0.21  |
| 1998/07/23 03:00:00 | 142.78 | 4.06  | 154.31 | 2.9   | 0.25  |
| 1998/07/23 04:00:00 | 154.61 | 3.03  | 150.22 | 2.27  | 0.19  |
| 1998/07/23 05:00:00 | 160.3  | 4.58  | 168.92 | 2.98  | 0.21  |
| 1998/07/23 06:00:00 | 167.03 | 4.71  | 174.82 | 3.68  | 0.16  |
| 1998/07/23 07:00:00 | 174.16 | 2.05  | 162.46 | 2.57  | 0.17  |
| 1998/07/23 08:00:00 | 182.42 | 2.35  | 190.34 | 3.54  | -0.34 |
| 1998/07/23 09:00:00 | 203.09 | 3.2   | 208.8  | 4.54  | -1.48 |
| 1998/07/23 10:00:00 | 224.09 | 4.85  | 225.14 | 5.42  | -1.97 |
| 1998/07/23 11:00:00 | 215.56 | 4.01  | 211.59 | 5.59  | -1.3  |
| 1998/07/23 12:00:00 | 200.27 | 4.59  | 202.37 | 6.34  | -2.2  |
| 1998/07/23 13:00:00 | 204.37 | 5.55  | 205.28 | 6.51  | -2.67 |
| 1998/07/23 14:00:00 | 208.73 | 5.63  | 207.39 | 6.35  | -2.89 |
| 1998/07/23 15:00:00 | 219.4  | 5.15  | 217.65 | 5.27  | -2.81 |
| 1998/07/23 16:00:00 | 164.06 | 5.99  | 179.22 | 4.25  | -1.55 |
| 1998/07/23 17:00:00 | 134.57 | 6.28  | 161.56 | 4.87  | -1.39 |
| 1998/07/23 18:00:00 | 124.2  | 5.62  | 168.13 | 3.88  | -1.6  |
| 1998/07/23 19:00:00 | 120.42 | 3.3   | 177.17 | 3.53  | -1.46 |
| 1998/07/23 20:00:00 | 127.18 | 4.38  | 160.37 | 4.23  | -1.08 |
| 1998/07/23 21:00:00 | 124.96 | 7.66  | 171.25 | 3.39  | -0.57 |
| 1998/07/23 22:00:00 | 156.67 | 7.32  | 174.07 | 3.79  | -0.37 |
| 1998/07/23 23:00:00 | 141.57 | 7.39  | 164.67 | 4.62  | -0.42 |
| 1998/07/24 00:00:00 | 153.87 | 2.68  | 258.31 | 2.69  | -0.31 |
| 1998/07/24 01:00:00 | 169.02 | 4.37  | 170.77 | 3.93  | -0.17 |
| 1998/07/24 02:00:00 | 151.9  | 3.85  | 166.44 | 3.44  | -0.32 |
| 1998/07/24 03:00:00 | 149.41 | 3.58  | 156.56 | 3.34  | -0.16 |
| 1998/07/24 04:00:00 | 170.55 | 5.15  | 172.59 | 4.48  | -0.12 |
| 1998/07/24 05:00:00 | 184.82 | 3.69  | 184.17 | 3.33  | -0.1  |
| 1998/07/24 06:00:00 | 182.48 | 4.31  | 181.32 | 3.5   | -0.02 |
| 1998/07/24 07:00:00 | 190.51 | 3.75  | 185.68 | 3.03  | 0.1   |
| 1998/07/24 08:00:00 | 187.17 | 4.81  | 192.72 | 3.79  | -0.42 |
| 1998/07/24 09:00:00 | 206.1  | 5.4   | 206.61 | 4.7   | -1.5  |
| 1998/07/24 10:00:00 | 221.54 | 5.69  | 216.53 | 5.55  | -1.77 |
| 1998/07/24 11:00:00 | 215.38 | 9.02  | 213.67 | 6.58  | -1.67 |
| 1998/07/24 12:00:00 | 201.91 | 8.3   | 202.52 | 6.6   | -2.45 |
| 1998/07/24 13:00:00 | 201.68 | 6.85  | 204.01 | 5.83  | -2.56 |
| 1998/07/24 14:00:00 | 217.48 | 5.32  | 216.92 | 4.49  | -2.68 |
| 1998/07/24 15:00:00 | 216.5  | 5.44  | 221.23 | 4.64  | -2.87 |
| 1998/07/24 16:00:00 | 215.3  | 5.65  | 224.58 | 4.82  | -3.03 |
| 1998/07/24 17:00:00 | 194.34 | 6.91  | 203.14 | 5.58  | -2.37 |
| 1998/07/24 18:00:00 | 190.35 | 6.17  | 205.37 | 5.11  | -2.17 |
| 1998/07/24 19:00:00 | 138.46 | 7.74  | 171    | 5.08  | -1.43 |
| 1998/07/24 20:00:00 | 118.09 | NaN   | 175.11 | 2.97  | -0.84 |
| 1998/07/24 21:00:00 | 107.45 | NaN   | 228.78 | 2.81  | -0.29 |
| 1998/07/24 22:00:00 | 328.58 | 2.23  | 385.54 | 10.77 | -0.65 |
| 1998/07/24 23:00:00 | 430.85 | 13.55 | 272.35 | 6.73  | 0.31  |
| 1998/07/25 00:00:00 | 233.67 | 11.97 | 183.09 | 5.26  | 2.4   |
| 1998/07/25 01:00:00 | 172.12 | 9.01  | 181.67 | 5.38  | 2.8   |
| 1998/07/25 02:00:00 | 279.53 | 7.17  | 312.91 | 3.56  | 2.07  |
| 1998/07/25 03:00:00 | 430.08 | 8.22  | 309.04 | 3.38  | 2.14  |
| 1998/07/25 04:00:00 | 429.78 | 8.34  | 216.79 | 4.23  | 1.79  |
| 1998/07/25 05:00:00 | 154.67 | 4.87  | 142.69 | 2.28  | 0.84  |
| 1998/07/25 06:00:00 | 129.54 | 6.09  | 255.7  | 2.55  | 0.62  |



## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/07/25 07:00:00 | 121.77 | 7.22  | 158.49 | 2.6  | 0.7   |
| 1998/07/25 08:00:00 | 129.01 | 8.27  | 150.04 | 2.87 | 0.57  |
| 1998/07/25 09:00:00 | 174.98 | 5.74  | 181.06 | 3.42 | -0.38 |
| 1998/07/25 10:00:00 | 165.73 | 5.75  | 169.17 | 4.24 | -1.07 |
| 1998/07/25 11:00:00 | 202.45 | 5.58  | 205.02 | 4.86 | -1.44 |
| 1998/07/25 12:00:00 | 211.74 | 7.7   | 210.16 | 6    | -2.45 |
| 1998/07/25 13:00:00 | 200.52 | 6.72  | 200.34 | 5.67 | -2.43 |
| 1998/07/25 14:00:00 | 223.6  | 5.72  | 213.74 | 4.65 | -2.59 |
| 1998/07/25 15:00:00 | 214.03 | 5.31  | 218.54 | 4.65 | -2.68 |
| 1998/07/25 16:00:00 | 255.53 | 4.09  | 264.86 | 3.39 | -2.96 |
| 1998/07/25 17:00:00 | 258.89 | 3.43  | 257.84 | 3    | -2.59 |
| 1998/07/25 18:00:00 | 405.04 | 9.59  | 357.64 | 5.31 | 1.03  |
| 1998/07/25 19:00:00 | 465.01 | NaN   | 138.57 | 2.88 | 3.72  |
| 1998/07/25 20:00:00 | 308.35 | 6.24  | 254.63 | 5.54 | 0.37  |
| 1998/07/25 21:00:00 | 88.04  | 12.69 | 351.93 | 5.17 | 1.96  |
| 1998/07/25 22:00:00 | 111.64 | 11.6  | 241.64 | 4.65 | 2.08  |
| 1998/07/25 23:00:00 | 142.16 | 10.2  | 171.2  | 5.04 | 2.97  |
| 1998/07/26 00:00:00 | 164.69 | 5.85  | 214.47 | 3.23 | 1.5   |
| 1998/07/26 01:00:00 | 219.11 | 3.5   | 134.81 | 1.89 | 1.96  |
| 1998/07/26 02:00:00 | 154.29 | 5.08  | 126.99 | 1.77 | 1.4   |
| 1998/07/26 03:00:00 | 191.45 | 6.22  | 259.31 | 2.16 | 1.34  |
| 1998/07/26 04:00:00 | 201.58 | 6.96  | 216.62 | 2.68 | 0.88  |
| 1998/07/26 05:00:00 | 174.73 | 6.42  | 162.91 | 1.7  | 0.71  |
| 1998/07/26 06:00:00 | 163.3  | 6.52  | 158.21 | 2.71 | 0.35  |
| 1998/07/26 07:00:00 | 147.4  | 6.21  | 150.91 | 2.33 | 0.39  |
| 1998/07/26 08:00:00 | 157.99 | 6.73  | 154.01 | 3.5  | 0.15  |
| 1998/07/26 09:00:00 | 184.05 | 5.97  | 181.6  | 3.48 | -0.5  |
| 1998/07/26 10:00:00 | 216.53 | 1.26  | 222.03 | 3.82 | -1.54 |
| 1998/07/26 11:00:00 | 252.59 | NaN   | 249.36 | 3.67 | -1.65 |
| 1998/07/26 12:00:00 | 239.26 | NaN   | 233.95 | 3.54 | -1.8  |
| 1998/07/26 13:00:00 | 243.05 | NaN   | 238.37 | 4.2  | -2.59 |
| 1998/07/26 14:00:00 | 210.07 | NaN   | 209.87 | 5.31 | -2.37 |
| 1998/07/26 15:00:00 | 211.81 | NaN   | 213.97 | 5.66 | -2.98 |
| 1998/07/26 16:00:00 | 205.2  | NaN   | 210.29 | 5.18 | -2.72 |
| 1998/07/26 17:00:00 | 169.62 | NaN   | 184.41 | 5.06 | -2.14 |
| 1998/07/26 18:00:00 | 179.37 | NaN   | 196.93 | 4.94 | -1.65 |
| 1998/07/26 19:00:00 | 165.08 | NaN   | 168.67 | 5.59 | -1.28 |
| 1998/07/26 20:00:00 | 142.33 | NaN   | 165.39 | 3.79 | -0.97 |
| 1998/07/26 21:00:00 | 132.88 | NaN   | 147.14 | 3.38 | -0.71 |
| 1998/07/26 22:00:00 | 122.3  | NaN   | 188.53 | 2.9  | -0.54 |
| 1998/07/26 23:00:00 | 128.51 | NaN   | 170.54 | 3.23 | -0.4  |
| 1998/07/27 00:00:00 | 148.14 | NaN   | 176.53 | 3.16 | -0.15 |
| 1998/07/27 01:00:00 | 144.74 | NaN   | 156.52 | 3.19 | -0.02 |
| 1998/07/27 02:00:00 | 139.72 | NaN   | 197.82 | 2.49 | 0.05  |
| 1998/07/27 03:00:00 | 169.01 | NaN   | 179.33 | 2.78 | -0.18 |
| 1998/07/27 04:00:00 | 173.81 | NaN   | 179.3  | 3.81 | -0.24 |
| 1998/07/27 05:00:00 | 180.1  | NaN   | 202.32 | 2.08 | -0.1  |
| 1998/07/27 06:00:00 | 181.95 | NaN   | 183.14 | 2.91 | -0.03 |
| 1998/07/27 07:00:00 | 183.63 | NaN   | 182.51 | 3.8  | 0.01  |
| 1998/07/27 08:00:00 | 199.73 | NaN   | 200.83 | 3.53 | -0.34 |
| 1998/07/27 09:00:00 | 220.38 | NaN   | 219.52 | 4.27 | -1.33 |
| 1998/07/27 10:00:00 | 229.18 | 8.96  | 222.97 | 6.25 | -1.88 |
| 1998/07/27 11:00:00 | 242    | 9.21  | 237.33 | 5.84 | -1.44 |
| 1998/07/27 12:00:00 | 210.91 | 8.61  | 210.4  | 6.34 | -2.62 |
| 1998/07/27 13:00:00 | 201.8  | 8.44  | 207.76 | 6.58 | -2.72 |
| 1998/07/27 14:00:00 | 201.86 | 7.34  | 204.54 | 5.69 | -2.62 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/07/27 15:00:00 | 213.06 | 5.63  | 210.98 | 4.5  | -2.69 |
| 1998/07/27 16:00:00 | 192.04 | 4.64  | 195.14 | 4.03 | -2.49 |
| 1998/07/27 17:00:00 | 186.01 | 4.17  | 201.39 | 3.68 | -2.36 |
| 1998/07/27 18:00:00 | 167.98 | 6.33  | 178.23 | 4.72 | -1.68 |
| 1998/07/27 19:00:00 | 145.02 | 5.51  | 167.72 | 3.25 | -1.16 |
| 1998/07/27 20:00:00 | 135.69 | 6.34  | 133.31 | 2.65 | -0.12 |
| 1998/07/27 21:00:00 | 137.23 | 6.62  | 243.91 | 2.49 | 0.87  |
| 1998/07/27 22:00:00 | 133.68 | 7.57  | 425.94 | 3.34 | 1.22  |
| 1998/07/27 23:00:00 | 134.07 | 9.73  | 186.7  | 3.46 | 1.51  |
| 1998/07/28 00:00:00 | 138.88 | 9.4   | 180.6  | 2.78 | 1.48  |
| 1998/07/28 01:00:00 | 150.77 | 8.18  | 202.1  | 2.53 | 0.93  |
| 1998/07/28 02:00:00 | 176.75 | 9.43  | 183.34 | 4.56 | 0.15  |
| 1998/07/28 03:00:00 | 190.84 | 8.97  | 196.48 | 4.53 | -0.2  |
| 1998/07/28 04:00:00 | 192.01 | 9.75  | 186.45 | 4.91 | -0.21 |
| 1998/07/28 05:00:00 | 198.66 | 9.25  | 203.11 | 4.63 | -0.09 |
| 1998/07/28 06:00:00 | 200.86 | 8.06  | 189.64 | 3.41 | 0.15  |
| 1998/07/28 07:00:00 | 198.16 | 7.82  | 189.58 | 3.24 | 0.08  |
| 1998/07/28 08:00:00 | 207.67 | 6.63  | 200.65 | 3.52 | -0.35 |
| 1998/07/28 09:00:00 | 230.26 | 7.9   | 223.61 | 5.09 | -1.25 |
| 1998/07/28 10:00:00 | 221.14 | 7.89  | 221    | 5.64 | -1.81 |
| 1998/07/28 11:00:00 | 219.27 | 8.41  | 217.13 | 6.17 | -1.43 |
| 1998/07/28 12:00:00 | 215.45 | 7.5   | 215.35 | 5.47 | -2.46 |
| 1998/07/28 13:00:00 | 202.64 | 7.27  | 206.66 | 5.61 | -2.61 |
| 1998/07/28 14:00:00 | 200.63 | 6.3   | 206.07 | 5.17 | -2.63 |
| 1998/07/28 15:00:00 | 193.17 | 6.55  | 205.47 | 5.34 | -2.67 |
| 1998/07/28 16:00:00 | 188.58 | 6.62  | 201.12 | 5.52 | -2.47 |
| 1998/07/28 17:00:00 | 180.47 | 5.3   | 199    | 4.49 | -2.34 |
| 1998/07/28 18:00:00 | 167.84 | 5.13  | 181.59 | 3.97 | -1.74 |
| 1998/07/28 19:00:00 | 176.48 | 4.52  | 184.33 | 3.1  | -1.11 |
| 1998/07/28 20:00:00 | 159.69 | 5.37  | 254.16 | 2.21 | 1.07  |
| 1998/07/28 21:00:00 | 151.01 | 5.26  | 252.23 | 2.3  | 3.54  |
| 1998/07/28 22:00:00 | 158.7  | 10.49 | 156.62 | 5.48 | 0.44  |
| 1998/07/28 23:00:00 | 169.76 | 9.53  | 174.14 | 5.98 | -0.6  |
| 1998/07/29 00:00:00 | 170.06 | 8.94  | 172.27 | 5.29 | -0.48 |
| 1998/07/29 01:00:00 | 181.78 | 7.64  | 182.69 | 4.21 | -0.24 |
| 1998/07/29 02:00:00 | 180.42 | 8.5   | 185.95 | 4.69 | -0.34 |
| 1998/07/29 03:00:00 | 192.13 | 8.18  | 194.61 | 4.01 | -0.21 |
| 1998/07/29 04:00:00 | 195.21 | 7.77  | 183.83 | 3.24 | -0.02 |
| 1998/07/29 05:00:00 | 188.66 | 7.89  | 187.49 | 3.52 | -0.09 |
| 1998/07/29 06:00:00 | 185.29 | 7.82  | 200.02 | 4.05 | -0.19 |
| 1998/07/29 07:00:00 | 189.13 | 8.68  | 204.21 | 4.71 | -0.19 |
| 1998/07/29 08:00:00 | 202.05 | 8.72  | 208.52 | 5.02 | -0.54 |
| 1998/07/29 09:00:00 | 221.48 | 9.25  | 222.55 | 6.12 | -1.42 |
| 1998/07/29 10:00:00 | 227.11 | 11.55 | 222.51 | 7.62 | -1.92 |
| 1998/07/29 11:00:00 | 216.4  | 9.68  | 219.35 | 7.38 | -1.7  |
| 1998/07/29 12:00:00 | 216.28 | 9.48  | 214.16 | 7.01 | -2.57 |
| 1998/07/29 13:00:00 | 212.97 | 8.66  | 214.2  | 6.38 | -2.93 |
| 1998/07/29 14:00:00 | 204.12 | 6.01  | 209.91 | 4.7  | -2.84 |
| 1998/07/29 15:00:00 | 191.04 | 6.36  | 198.66 | 5.13 | -2.62 |
| 1998/07/29 16:00:00 | 184.5  | 7.36  | 195.53 | 5.72 | -2.42 |
| 1998/07/29 17:00:00 | 185.21 | 6.46  | 201.3  | 5.26 | -2.32 |
| 1998/07/29 18:00:00 | 176.25 | 6.68  | 183.63 | 4.68 | -1.72 |
| 1998/07/29 19:00:00 | 115.79 | 3.83  | 282.51 | 2.06 | -1.58 |
| 1998/07/29 20:00:00 | 105.26 | 4.6   | 392.62 | 1.48 | 0.46  |
| 1998/07/29 21:00:00 | 103.06 | 5.26  | 317.4  | 1.57 | 3.12  |
| 1998/07/29 22:00:00 | 113.06 | 6.97  | 291.74 | 1.24 | 2.2   |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/07/29 23:00:00 | 116.22 | 7.97  | 368.03 | 1.68 | 1.8   |
| 1998/07/30 00:00:00 | 139.35 | 9.96  | 205.66 | 2.9  | 1.23  |
| 1998/07/30 01:00:00 | 178.58 | 10.25 | 173.4  | 5.26 | 0.21  |
| 1998/07/30 02:00:00 | 171.11 | 8.68  | 172.92 | 4.69 | -0.34 |
| 1998/07/30 03:00:00 | 176.59 | 8.22  | 176.53 | 4.49 | -0.41 |
| 1998/07/30 04:00:00 | 186.29 | 8.43  | 196.45 | 4.44 | -0.01 |
| 1998/07/30 05:00:00 | 197.77 | 7.99  | 199.12 | 4.01 | 0.05  |
| 1998/07/30 06:00:00 | 192.82 | 7.95  | 191.67 | 3.85 | 0.04  |
| 1998/07/30 07:00:00 | 188.86 | 7.95  | 196.31 | 3.93 | 0.09  |
| 1998/07/30 08:00:00 | 199.81 | 7.68  | 195.91 | 4.66 | -0.29 |
| 1998/07/30 09:00:00 | 215.74 | 10.09 | 217.08 | 6.63 | -1.29 |
| 1998/07/30 10:00:00 | 219.94 | 12.45 | 221.15 | 8.52 | -1.85 |
| 1998/07/30 11:00:00 | 217.5  | 10.02 | 214.91 | 7.36 | -1.63 |
| 1998/07/30 12:00:00 | 225.37 | 10.91 | 225.64 | 7.44 | -2.8  |
| 1998/07/30 13:00:00 | 206.03 | 8.67  | 207.54 | 6.59 | -2.75 |
| 1998/07/30 14:00:00 | 201.14 | 8.33  | 205.83 | 6.18 | -2.95 |
| 1998/07/30 15:00:00 | 195.03 | 7.54  | 201.59 | 5.84 | -2.71 |
| 1998/07/30 16:00:00 | 187.4  | 8.73  | 199.92 | 6.79 | -2.48 |
| 1998/07/30 17:00:00 | 175.21 | 7.14  | 188.78 | 5.59 | -2.15 |
| 1998/07/30 18:00:00 | 166.16 | 7.31  | 180.25 | 5.17 | -1.73 |
| 1998/07/30 19:00:00 | 133.84 | 5.37  | 174.27 | 3.16 | -1.43 |
| 1998/07/30 20:00:00 | 141.73 | 6.51  | 123.36 | 2.86 | 0.08  |
| 1998/07/30 21:00:00 | 147.94 | 7.45  | 116.45 | 2.6  | 1.41  |
| 1998/07/30 22:00:00 | 143.09 | 5.75  | 176.69 | 3.22 | 1.18  |
| 1998/07/30 23:00:00 | 150.26 | 6.97  | 164.42 | 3.89 | 0.7   |
| 1998/07/31 00:00:00 | 175.89 | 9.82  | 171.86 | 5.34 | -0.15 |
| 1998/07/31 01:00:00 | 191.08 | 9.64  | 195.74 | 5.08 | -0.03 |
| 1998/07/31 02:00:00 | 195.24 | 8.49  | 207.36 | 4.44 | -0.11 |
| 1998/07/31 03:00:00 | 199.79 | 10.29 | 204.27 | 5.66 | -0.14 |
| 1998/07/31 04:00:00 | 203.53 | 10.23 | 207.67 | 5.85 | -0.18 |
| 1998/07/31 05:00:00 | 204.42 | 10.6  | 207.97 | 6.21 | -0.23 |
| 1998/07/31 06:00:00 | 201.92 | 9.87  | 201.96 | 6.14 | -0.24 |
| 1998/07/31 07:00:00 | 207.01 | 9.41  | 204.71 | 5.84 | -0.15 |
| 1998/07/31 08:00:00 | 216.73 | 9.72  | 213.79 | 5.91 | -0.62 |
| 1998/07/31 09:00:00 | 224.71 | 10.79 | 222.21 | 7.16 | -1.43 |
| 1998/07/31 10:00:00 | 224.04 | 9.03  | 223.51 | 6.44 | -1.97 |
| 1998/07/31 11:00:00 | 227.27 | 7.05  | 221.35 | 5.57 | -1.51 |
| 1998/07/31 12:00:00 | 217.94 | 4.16  | 214.75 | 3.78 | -2.3  |
| 1998/07/31 13:00:00 | 214.3  | 3.28  | 205.65 | 3.29 | -2.46 |
| 1998/07/31 14:00:00 | 252.36 | 2.48  | 230.31 | 2.88 | -2.6  |
| 1998/07/31 15:00:00 | 263.13 | 2.46  | 241.04 | 2.63 | -3.14 |
| 1998/07/31 16:00:00 | 269.23 | 3.17  | 266.77 | 3.09 | -2.84 |
| 1998/07/31 17:00:00 | 271.4  | 2.36  | 245.51 | 2.73 | -2.74 |
| 1998/07/31 18:00:00 | 282.73 | 2.5   | 270.89 | 2.48 | -2.58 |
| 1998/07/31 19:00:00 | 264.72 | 1.73  | 289.39 | 1.68 | -1.02 |
| 1998/07/31 20:00:00 | 452.78 | 3.7   | 422.97 | 2.03 | 3.27  |
| 1998/07/31 21:00:00 | 459.43 | 4.92  | 428    | 2.52 | 6.52  |
| 1998/07/31 22:00:00 | 456.44 | 7.52  | 249.61 | 2.65 | 5.39  |
| 1998/07/31 23:00:00 | 449.35 | 8.22  | 169.05 | 2.16 | 6.12  |
| 1998/08/01 00:00:00 | 457.72 | 4.64  | 397.08 | 1.98 | 6.33  |
| 1998/08/01 01:00:00 | 448.53 | 2.86  | 395.33 | 2.08 | 6.18  |
| 1998/08/01 02:00:00 | 230.65 | 4.45  | 125.23 | 1.73 | 2.78  |
| 1998/08/01 03:00:00 | 236.01 | 2.8   | 56.54  | 2.13 | 4.1   |
| 1998/08/01 04:00:00 | 286.29 | 2.42  | 308.69 | 1.88 | 3.62  |
| 1998/08/01 05:00:00 | 318.67 | 4.74  | 148.57 | 1.76 | 3.87  |
| 1998/08/01 06:00:00 | 314.19 | 2.31  | 122.67 | 1.74 | 3.33  |

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|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/08/01 07:00:00 | 380.59 | 4.02 | 65.04  | 1.67 | 2.79  |
| 1998/08/01 08:00:00 | 418.27 | 6.37 | 247.71 | 2.32 | 0.52  |
| 1998/08/01 09:00:00 | 380.63 | 5.49 | 285.94 | 2.38 | -1.48 |
| 1998/08/01 10:00:00 | 358.94 | 5.04 | 294.73 | 3.36 | -2.15 |
| 1998/08/01 11:00:00 | 334.78 | 2.47 | 229.29 | 2.59 | -1.71 |
| 1998/08/01 12:00:00 | 261.17 | 3.44 | 263.06 | 3.09 | -2.7  |
| 1998/08/01 13:00:00 | 281.78 | 3.17 | 274.1  | 2.78 | -2.95 |
| 1998/08/01 14:00:00 | 317.18 | 2.93 | 302.58 | 2.84 | -3.22 |
| 1998/08/01 15:00:00 | 256.39 | 3.17 | 269.84 | 3.17 | -2.85 |
| 1998/08/01 16:00:00 | 343.78 | 4.19 | 324.06 | 3.32 | -2.71 |
| 1998/08/01 17:00:00 | 367.1  | 5.78 | 370.25 | 4.18 | -2.36 |
| 1998/08/01 18:00:00 | 368.77 | 8.19 | 372.09 | 5.28 | -1.77 |
| 1998/08/01 19:00:00 | 379.11 | 7.36 | 377.85 | 4.21 | -1.26 |
| 1998/08/01 20:00:00 | 380.09 | 7.54 | 385.22 | 3.13 | 0.05  |
| 1998/08/01 21:00:00 | 386.36 | 7.71 | 390.26 | 2.43 | 1.43  |
| 1998/08/01 22:00:00 | 387.83 | 9    | 390.14 | 3.02 | 2.09  |
| 1998/08/01 23:00:00 | 394.24 | 8.48 | 398.13 | 2.9  | 0.94  |
| 1998/08/02 00:00:00 | 402.41 | 8.17 | 408.09 | 2.85 | 0.65  |
| 1998/08/02 01:00:00 | 417.74 | 7.43 | 354.13 | 2.44 | 0.49  |
| 1998/08/02 02:00:00 | 437.29 | 8.41 | 401.35 | 2.74 | 0.72  |
| 1998/08/02 03:00:00 | 445.72 | 7.75 | 396.6  | 2.43 | 0.62  |
| 1998/08/02 04:00:00 | 441.21 | 8.16 | 399.24 | 2.9  | 0.6   |
| 1998/08/02 05:00:00 | 440.52 | 7.79 | 398.23 | 2.63 | 0.85  |
| 1998/08/02 06:00:00 | 431.47 | 5.38 | 355.36 | 1.63 | 0.5   |
| 1998/08/02 07:00:00 | 313.58 | 4.09 | 198.97 | 1.25 | 0.62  |
| 1998/08/02 08:00:00 | 435.37 | 6.66 | 374.08 | 2.47 | -0.43 |
| 1998/08/02 09:00:00 | 402.77 | 6.77 | 356.18 | 3.6  | -1.78 |
| 1998/08/02 10:00:00 | 333.91 | 7.02 | 246.61 | 3.9  | -2.16 |
| 1998/08/02 11:00:00 | 135.08 | 6.52 | 182.03 | 4.41 | -1.88 |
| 1998/08/02 12:00:00 | 267.89 | 4.7  | 277.72 | 3.69 | -2.51 |
| 1998/08/02 13:00:00 | 336.9  | NaN  | 310.35 | 2.89 | -2.79 |
| 1998/08/02 14:00:00 | 351.24 | NaN  | 360.59 | 3.28 | -2.49 |
| 1998/08/02 15:00:00 | 333.86 | NaN  | 348.33 | 4.58 | -2.72 |
| 1998/08/02 16:00:00 | 350.98 | NaN  | 371.44 | 5.48 | -2.44 |
| 1998/08/02 17:00:00 | 275.77 | NaN  | 355.37 | 6.45 | -2.24 |
| 1998/08/02 18:00:00 | 263.45 | NaN  | 326.89 | 3.78 | -2.43 |
| 1998/08/02 19:00:00 | 437.6  | NaN  | 367.22 | 3.62 | -1.83 |
| 1998/08/02 20:00:00 | 424.06 | NaN  | 393.5  | 2.78 | -0.53 |
| 1998/08/02 21:00:00 | 441.16 | NaN  | 237.11 | 1.32 | 0.68  |
| 1998/08/02 22:00:00 | 446.51 | NaN  | 284.06 | 1.79 | 0.59  |
| 1998/08/02 23:00:00 | 452.06 | NaN  | 391.74 | 2.08 | 0.23  |
| 1998/08/03 00:00:00 | 453.91 | NaN  | 334.5  | 1.96 | 0.29  |
| 1998/08/03 01:00:00 | 449.55 | NaN  | 395.85 | 2.65 | 0.35  |
| 1998/08/03 02:00:00 | 457.12 | NaN  | 392.57 | 3.11 | 0.08  |
| 1998/08/03 03:00:00 | 453.86 | NaN  | 412.99 | 3.1  | 0.09  |
| 1998/08/03 04:00:00 | 461.1  | NaN  | 387.04 | 3.03 | 0.08  |
| 1998/08/03 05:00:00 | 296.93 | NaN  | 347.65 | 2.84 | -0.05 |
| 1998/08/03 06:00:00 | 100.15 | NaN  | 400.88 | 2.71 | 0.4   |
| 1998/08/03 07:00:00 | 102.22 | NaN  | 271.31 | 1.48 | 0.06  |
| 1998/08/03 08:00:00 | 255.12 | NaN  | 258.18 | 1.78 | -0.75 |
| 1998/08/03 09:00:00 | 216.16 | NaN  | 196.13 | 2.41 | -1.63 |
| 1998/08/03 10:00:00 | 257.3  | NaN  | 205.05 | 3.45 | -2.02 |
| 1998/08/03 11:00:00 | 166.51 | NaN  | 193.86 | 4.35 | -1.87 |
| 1998/08/03 12:00:00 | 200.06 | NaN  | 170.97 | 4.76 | -2.4  |
| 1998/08/03 13:00:00 | 280.78 | NaN  | 375.98 | 4.29 | -2.98 |
| 1998/08/03 14:00:00 | 394.87 | NaN  | 361.39 | 4.86 | -2.7  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/08/03 15:00:00 | 386.19 | NaN   | 350.24 | 4.25 | -2.67 |
| 1998/08/03 16:00:00 | 156.06 | 1.75  | 238.5  | 4.66 | -2.81 |
| 1998/08/03 17:00:00 | 259.6  | 7.67  | 381.78 | 4.79 | -2.65 |
| 1998/08/03 18:00:00 | 429.5  | 7.59  | 414.19 | 5.03 | -2.19 |
| 1998/08/03 19:00:00 | 413    | 6.27  | 400.63 | 3.48 | -1.26 |
| 1998/08/03 20:00:00 | 415.67 | 5.65  | 404.74 | 2.06 | 2.79  |
| 1998/08/03 21:00:00 | 436.6  | 6.93  | 410.75 | 2.57 | 5.55  |
| 1998/08/03 22:00:00 | 454.87 | 8.9   | 382.95 | 2.59 | 3.37  |
| 1998/08/03 23:00:00 | 448.14 | 8.45  | 398.09 | 2.52 | 2.73  |
| 1998/08/04 00:00:00 | 449.64 | 9.52  | 381.04 | 2.72 | 2.46  |
| 1998/08/04 01:00:00 | 452.99 | 10.34 | 391.17 | 3.3  | 2     |
| 1998/08/04 02:00:00 | 454.35 | 9.78  | 386.41 | 2.95 | 1.08  |
| 1998/08/04 03:00:00 | 463.86 | 9.86  | 391.54 | 2.75 | 1.65  |
| 1998/08/04 04:00:00 | 463.86 | 10.1  | 405.45 | 3.46 | 0.36  |
| 1998/08/04 05:00:00 | 462.63 | 9.1   | 396.79 | 2.76 | 0.83  |
| 1998/08/04 06:00:00 | 463.73 | 7.25  | 286.43 | 1.84 | 0.64  |
| 1998/08/04 07:00:00 | 458.11 | 6.4   | 209.52 | 1.58 | 0.98  |
| 1998/08/04 08:00:00 | 425.46 | 4.16  | 284.86 | 1.33 | 0.11  |
| 1998/08/04 09:00:00 | 422.89 | 2.8   | 315.21 | 2.34 | -1.69 |
| 1998/08/04 10:00:00 | 351.91 | 2.21  | 332.24 | 2.22 | -1.92 |
| 1998/08/04 11:00:00 | 221.31 | 2.91  | 228.95 | 2.94 | -1.04 |
| 1998/08/04 12:00:00 | 267.49 | 4.27  | 275.14 | 3.66 | -2.75 |
| 1998/08/04 13:00:00 | 293.42 | 3.82  | 285.13 | 3.08 | -2.87 |
| 1998/08/04 14:00:00 | 269.97 | 4.95  | 257.77 | 3.84 | -2.51 |
| 1998/08/04 15:00:00 | 305.71 | 7.29  | 309.01 | 4.98 | -3.53 |
| 1998/08/04 16:00:00 | 346.93 | 5.47  | 344.67 | 4.03 | -2.77 |
| 1998/08/04 17:00:00 | 380.7  | 6.55  | 369.8  | 4.89 | -2.39 |
| 1998/08/04 18:00:00 | 347.25 | 6.85  | 364.51 | 4.84 | -1.95 |
| 1998/08/04 19:00:00 | 346.28 | 4.71  | 357.45 | 2.78 | -1.48 |
| 1998/08/04 20:00:00 | 352.18 | 5.86  | 386.31 | 2.05 | 1.43  |
| 1998/08/04 21:00:00 | 380.28 | 6.42  | 415.81 | 2.33 | 5.14  |
| 1998/08/04 22:00:00 | 404.62 | 7.12  | 422.69 | 2.45 | 7.47  |
| 1998/08/04 23:00:00 | 425.62 | 8.12  | 435.77 | 2.02 | 6.04  |
| 1998/08/05 00:00:00 | 444.83 | 8.9   | 407.65 | 2.49 | 2.65  |
| 1998/08/05 01:00:00 | 447.65 | 6.82  | 291.93 | 1.86 | 2.95  |
| 1998/08/05 02:00:00 | 456.75 | NaN   | 328.87 | 2.5  | 3.63  |
| 1998/08/05 03:00:00 | 463.05 | NaN   | 369.29 | 2.83 | 2.7   |
| 1998/08/05 04:00:00 | 458.92 | NaN   | 385.28 | 2.47 | 2.46  |
| 1998/08/05 05:00:00 | 463.93 | NaN   | 137.77 | 2.36 | 2.34  |
| 1998/08/05 06:00:00 | 473.26 | NaN   | 435.53 | 3.13 | 2.31  |
| 1998/08/05 07:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/08/05 08:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/08/05 09:00:00 | 202.65 | NaN   | 159.85 | 2.53 | -0.17 |
| 1998/08/05 10:00:00 | 209.59 | NaN   | 209.89 | 3.36 | -0.63 |
| 1998/08/05 11:00:00 | 202.45 | NaN   | 189.78 | 3.49 | -0.12 |
| 1998/08/05 12:00:00 | 266.58 | NaN   | 259.39 | 2.78 | -2.65 |
| 1998/08/05 13:00:00 | 267.57 | NaN   | 263.49 | 3.38 | -2.48 |
| 1998/08/05 14:00:00 | 279.9  | NaN   | 256.95 | 3.21 | -2.87 |
| 1998/08/05 15:00:00 | 282.57 | NaN   | 286.36 | 3.54 | -3.15 |
| 1998/08/05 16:00:00 | 299.41 | NaN   | 295.4  | 3.15 | -2.89 |
| 1998/08/05 17:00:00 | 347.51 | NaN   | 300.37 | 3.18 | -2.9  |
| 1998/08/05 18:00:00 | 272.09 | NaN   | 283.73 | 2.82 | -2.06 |
| 1998/08/05 19:00:00 | 408.84 | NaN   | 397.05 | 3.11 | -1.2  |
| 1998/08/05 20:00:00 | 398.63 | NaN   | 375.64 | 1.92 | 3.48  |
| 1998/08/05 21:00:00 | 421.17 | NaN   | 416.19 | 2.26 | 6.86  |
| 1998/08/05 22:00:00 | 457.73 | NaN   | 245.1  | 1.29 | 6.41  |

## 007\_met1998.txt

|                     |        |     |        |      |       |
|---------------------|--------|-----|--------|------|-------|
| 1998/08/05 23:00:00 | 482.22 | NaN | 66.25  | 1.55 | 6.84  |
| 1998/08/06 00:00:00 | 501.22 | NaN | 122.91 | 2.11 | 6.47  |
| 1998/08/06 01:00:00 | 306.43 | NaN | 300.76 | 1.82 | 2.8   |
| 1998/08/06 02:00:00 | 254.41 | NaN | 276.07 | 1.52 | 0.63  |
| 1998/08/06 03:00:00 | 218.67 | NaN | 409.72 | 1.59 | 1.83  |
| 1998/08/06 04:00:00 | 122.77 | NaN | 95.74  | 1.9  | 2.08  |
| 1998/08/06 05:00:00 | 184.6  | NaN | 256.68 | 1.25 | 1.66  |
| 1998/08/06 06:00:00 | 197.71 | NaN | 65.95  | 1.49 | 2.09  |
| 1998/08/06 07:00:00 | 208.34 | NaN | 125.33 | 1.74 | 2.53  |
| 1998/08/06 08:00:00 | 302.4  | NaN | 340.33 | 2.3  | 0.69  |
| 1998/08/06 09:00:00 | 327.45 | NaN | 318.9  | 3.15 | -1.34 |
| 1998/08/06 10:00:00 | 348.34 | NaN | 328.5  | 2.62 | -1.85 |
| 1998/08/06 11:00:00 | 259.67 | NaN | 255.37 | 3.17 | -1.3  |
| 1998/08/06 12:00:00 | 259.03 | NaN | 265.89 | 2.55 | -2.18 |
| 1998/08/06 13:00:00 | 278.45 | NaN | 287.28 | 3.23 | -2.38 |
| 1998/08/06 14:00:00 | 289.93 | NaN | 278.13 | 3.39 | -3.01 |
| 1998/08/06 15:00:00 | 293.21 | NaN | 295.57 | 3.25 | -2.96 |
| 1998/08/06 16:00:00 | 251.47 | NaN | 253.62 | 3.06 | -3.07 |
| 1998/08/06 17:00:00 | 150.45 | NaN | 195.51 | 7.6  | -2.2  |
| 1998/08/06 18:00:00 | 113.17 | NaN | 258.03 | 3.74 | -1.01 |
| 1998/08/06 19:00:00 | 183.79 | NaN | 224.82 | 3    | -0.12 |
| 1998/08/06 20:00:00 | 294.94 | NaN | 335.25 | 3.14 | 0.6   |
| 1998/08/06 21:00:00 | 277.17 | NaN | 256.32 | 2.56 | 0.05  |
| 1998/08/06 22:00:00 | 233.55 | NaN | 220.95 | 4.65 | -0.15 |
| 1998/08/06 23:00:00 | 278.7  | NaN | 295.52 | 2.3  | -0.33 |
| 1998/08/07 00:00:00 | 440.69 | NaN | 254.48 | 3.54 | -0.04 |
| 1998/08/07 01:00:00 | 378.39 | NaN | 338    | 2.51 | -0.02 |
| 1998/08/07 02:00:00 | 450.84 | NaN | 255.87 | 1.53 | 0.15  |
| 1998/08/07 03:00:00 | 234.31 | NaN | 251.59 | 1.4  | 0.31  |
| 1998/08/07 04:00:00 | 100.45 | NaN | 270.78 | 1.54 | 0.23  |
| 1998/08/07 05:00:00 | 95     | NaN | 293.41 | 2.06 | 0.3   |
| 1998/08/07 06:00:00 | 127.86 | NaN | 205.1  | 1.79 | 0.17  |
| 1998/08/07 07:00:00 | 101.13 | NaN | 166.39 | 1.84 | 0.12  |
| 1998/08/07 08:00:00 | 99.26  | NaN | 198.17 | 2.79 | -0.28 |
| 1998/08/07 09:00:00 | 108.98 | NaN | 155.68 | 2.96 | -0.87 |
| 1998/08/07 10:00:00 | 112.36 | NaN | 209.43 | 2.96 | -1.52 |
| 1998/08/07 11:00:00 | 254.39 | NaN | 266.5  | 2.56 | -1.43 |
| 1998/08/07 12:00:00 | 289.38 | NaN | 305.24 | 3.15 | -1.47 |
| 1998/08/07 13:00:00 | 314.22 | NaN | 318.67 | 3.94 | -1.76 |
| 1998/08/07 14:00:00 | 195.31 | NaN | 224.75 | 3.48 | 0.69  |
| 1998/08/07 15:00:00 | 347.85 | NaN | 348.07 | 2.5  | -0.11 |
| 1998/08/07 16:00:00 | 288.26 | NaN | 293.82 | 4.8  | -0.52 |
| 1998/08/07 17:00:00 | 301.91 | NaN | 315.85 | 2.92 | -0.91 |
| 1998/08/07 18:00:00 | 392.9  | NaN | 282.47 | 2.41 | -1.53 |
| 1998/08/07 19:00:00 | 417.2  | NaN | 374.92 | 3.08 | -1.04 |
| 1998/08/07 20:00:00 | 449.46 | NaN | 300.87 | 2.05 | -0.67 |
| 1998/08/07 21:00:00 | 454.85 | NaN | 367.11 | 2.56 | -0.17 |
| 1998/08/07 22:00:00 | 382.38 | NaN | 333.84 | 1.54 | -0.19 |
| 1998/08/07 23:00:00 | 342.95 | NaN | 379.58 | 2.07 | 0.21  |
| 1998/08/08 00:00:00 | 349.26 | NaN | 374.32 | 1.59 | 0.07  |
| 1998/08/08 01:00:00 | 419.01 | NaN | 422.79 | 1.63 | 0.48  |
| 1998/08/08 02:00:00 | 448.54 | NaN | 273.91 | 1.66 | 0.86  |
| 1998/08/08 03:00:00 | 178.06 | NaN | 277.36 | 1.53 | 1.41  |
| 1998/08/08 04:00:00 | 202.81 | NaN | 235.15 | 1.36 | 1.46  |
| 1998/08/08 05:00:00 | 295.53 | NaN | 369.11 | 1.61 | 1.81  |
| 1998/08/08 06:00:00 | 317.6  | NaN | 369.55 | 2.33 | 1.3   |

## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/08/08 07:00:00 | 342.05 | NaN  | 396.96 | 2.12 | 0.92  |
| 1998/08/08 08:00:00 | 407.65 | NaN  | 395.69 | 2.06 | -0.14 |
| 1998/08/08 09:00:00 | 316.08 | NaN  | 291.01 | 1.8  | -0.55 |
| 1998/08/08 10:00:00 | 258.86 | NaN  | 263.98 | 2.96 | -1.32 |
| 1998/08/08 11:00:00 | 276.4  | NaN  | 279.59 | 4.21 | -1.32 |
| 1998/08/08 12:00:00 | 285.8  | NaN  | 284.21 | 4.59 | -2.8  |
| 1998/08/08 13:00:00 | 276.96 | NaN  | 276.64 | 4.41 | -2.63 |
| 1998/08/08 14:00:00 | 280.6  | NaN  | 297.76 | 4.17 | -2.82 |
| 1998/08/08 15:00:00 | 308.13 | NaN  | 314.63 | 4.38 | -3.14 |
| 1998/08/08 16:00:00 | 313.57 | NaN  | 328.67 | 3.57 | -2.66 |
| 1998/08/08 17:00:00 | 300.41 | NaN  | 297.98 | 3.41 | -2.94 |
| 1998/08/08 18:00:00 | 291.92 | NaN  | 282.87 | 2.67 | -2.19 |
| 1998/08/08 19:00:00 | 270.77 | NaN  | 263.9  | 2.16 | -1.64 |
| 1998/08/08 20:00:00 | 282.55 | NaN  | 378.85 | 1.71 | 1.89  |
| 1998/08/08 21:00:00 | 327.69 | NaN  | 405.14 | 2.34 | 5.52  |
| 1998/08/08 22:00:00 | 364.14 | NaN  | 408.24 | 2.85 | 6.93  |
| 1998/08/08 23:00:00 | 421.85 | NaN  | 384.84 | 2.95 | 5.52  |
| 1998/08/09 00:00:00 | 459.83 | NaN  | 141.3  | 2.49 | 4.61  |
| 1998/08/09 01:00:00 | 455.52 | NaN  | 271.84 | 2.11 | 3.19  |
| 1998/08/09 02:00:00 | 466.08 | NaN  | 221.2  | 1.78 | 1.23  |
| 1998/08/09 03:00:00 | 477.95 | NaN  | 127.73 | 1.97 | 1.94  |
| 1998/08/09 04:00:00 | 481.57 | NaN  | 90.42  | 2.22 | 1.67  |
| 1998/08/09 05:00:00 | 482.59 | NaN  | 283.63 | 2.15 | 2.25  |
| 1998/08/09 06:00:00 | 271.98 | NaN  | 345.54 | 1.97 | 2.07  |
| 1998/08/09 07:00:00 | 137.87 | NaN  | 406.81 | 2.18 | 3.17  |
| 1998/08/09 08:00:00 | 154.78 | NaN  | 350.06 | 1.35 | 1.67  |
| 1998/08/09 09:00:00 | 209.1  | NaN  | 195.78 | 2.71 | -0.6  |
| 1998/08/09 10:00:00 | 218.57 | NaN  | 208.32 | 3.29 | -1.24 |
| 1998/08/09 11:00:00 | 252.98 | NaN  | 242.08 | 3.36 | -1.37 |
| 1998/08/09 12:00:00 | 262.97 | NaN  | 250.85 | 3.68 | -2.57 |
| 1998/08/09 13:00:00 | 266.7  | NaN  | 272.56 | 3.46 | -2.98 |
| 1998/08/09 14:00:00 | 259.17 | NaN  | 251.48 | 3.92 | -3.08 |
| 1998/08/09 15:00:00 | 279.33 | NaN  | 274.82 | 3.9  | -3.05 |
| 1998/08/09 16:00:00 | 272.4  | NaN  | 250.09 | 3.8  | -2.78 |
| 1998/08/09 17:00:00 | 277.3  | NaN  | 277.12 | 3.45 | -2.94 |
| 1998/08/09 18:00:00 | 314.51 | NaN  | 306.84 | 3.82 | -2.45 |
| 1998/08/09 19:00:00 | 335.79 | NaN  | 343.82 | 2.41 | -1.05 |
| 1998/08/09 20:00:00 | 354.21 | NaN  | 403.72 | 1.98 | 3.91  |
| 1998/08/09 21:00:00 | 410.79 | NaN  | 115.62 | 2.09 | 7.27  |
| 1998/08/09 22:00:00 | 482.82 | NaN  | 75.72  | 1.89 | 7.78  |
| 1998/08/09 23:00:00 | 314.61 | NaN  | 264.1  | 1.77 | 8.04  |
| 1998/08/10 00:00:00 | 165.12 | NaN  | 168.76 | 1.72 | 5.85  |
| 1998/08/10 01:00:00 | 153.36 | NaN  | 156.28 | 2.34 | 1.77  |
| 1998/08/10 02:00:00 | 162.85 | NaN  | 147.19 | 2.25 | 0.63  |
| 1998/08/10 03:00:00 | 167.15 | NaN  | 136.37 | 1.96 | 1.02  |
| 1998/08/10 04:00:00 | 169.58 | NaN  | 161.74 | 2.19 | 1.25  |
| 1998/08/10 05:00:00 | 182.74 | NaN  | 246.12 | 1.51 | 0.94  |
| 1998/08/10 06:00:00 | 181.64 | NaN  | 193.13 | 1.6  | 1.18  |
| 1998/08/10 07:00:00 | 188.21 | NaN  | 112.41 | 1.54 | 1.22  |
| 1998/08/10 08:00:00 | 191.29 | NaN  | 141.91 | 1.68 | 0.71  |
| 1998/08/10 09:00:00 | 201.22 | NaN  | 204.82 | 3.35 | -1.1  |
| 1998/08/10 10:00:00 | 208.92 | NaN  | 201.32 | 3.53 | -1.35 |
| 1998/08/10 11:00:00 | 254.45 | 1.64 | 246.51 | 3.13 | -1.3  |
| 1998/08/10 12:00:00 | 215.62 | 4.01 | 236.16 | 3.61 | -2.39 |
| 1998/08/10 13:00:00 | 212.54 | 3.92 | 202.79 | 3.68 | -2.28 |
| 1998/08/10 14:00:00 | 213.99 | 4.3  | 205.59 | 4.02 | -2.7  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/08/10 15:00:00 | 234.92 | 4.42  | 235.75 | 3.84 | -2.56 |
| 1998/08/10 16:00:00 | 292.82 | 5.5   | 308.21 | 3.55 | -1.72 |
| 1998/08/10 17:00:00 | 331.35 | 5.68  | 334.51 | 3.9  | -2.03 |
| 1998/08/10 18:00:00 | 337.48 | 7.37  | 344.63 | 4.29 | -0.34 |
| 1998/08/10 19:00:00 | 343.32 | NaN   | 358.15 | 3.31 | 0.54  |
| 1998/08/10 20:00:00 | 241.82 | NaN   | 317.35 | 1.96 | 1.13  |
| 1998/08/10 21:00:00 | 217.33 | NaN   | 317.9  | 2.02 | 2.13  |
| 1998/08/10 22:00:00 | 192.32 | NaN   | 281.22 | 2.06 | 2.36  |
| 1998/08/10 23:00:00 | 188.21 | NaN   | 350.49 | 1.7  | 3.96  |
| 1998/08/11 00:00:00 | 182.77 | NaN   | 170.01 | 1.87 | 2.41  |
| 1998/08/11 01:00:00 | 140.37 | NaN   | 147.05 | 2.38 | 3.34  |
| 1998/08/11 02:00:00 | 160.35 | NaN   | 244.19 | 2.46 | 2.8   |
| 1998/08/11 03:00:00 | 174.97 | NaN   | 230.18 | 2.37 | 1.17  |
| 1998/08/11 04:00:00 | 149.7  | NaN   | 217.42 | 1.76 | 2.13  |
| 1998/08/11 05:00:00 | 173.03 | NaN   | 305.68 | 1.41 | 2.73  |
| 1998/08/11 06:00:00 | 187.47 | NaN   | 216.55 | 1.34 | 1.66  |
| 1998/08/11 07:00:00 | 183.47 | NaN   | 199.6  | 1.89 | 1.06  |
| 1998/08/11 08:00:00 | 199.38 | NaN   | 205.4  | 2.75 | -0.16 |
| 1998/08/11 09:00:00 | 207.73 | NaN   | 208.42 | 3.22 | -0.89 |
| 1998/08/11 10:00:00 | 234.66 | NaN   | 227.48 | 4.38 | -1.41 |
| 1998/08/11 11:00:00 | 266.35 | NaN   | 263.4  | 4.31 | -1.84 |
| 1998/08/11 12:00:00 | 282.9  | NaN   | 294.92 | 5.32 | -2.88 |
| 1998/08/11 13:00:00 | 284.14 | NaN   | 294.14 | 4.82 | -2.88 |
| 1998/08/11 14:00:00 | 300.02 | 1.98  | 307.02 | 6.79 | -3.34 |
| 1998/08/11 15:00:00 | 306.12 | 0.71  | 303.49 | 5.14 | -3.19 |
| 1998/08/11 16:00:00 | 276.9  | 3.98  | 272.95 | 3.76 | -2.96 |
| 1998/08/11 17:00:00 | 272.56 | 3.83  | 281.77 | 3.27 | -2.26 |
| 1998/08/11 18:00:00 | 312.09 | 3.62  | 333.47 | 2.29 | -1.01 |
| 1998/08/11 19:00:00 | 354.67 | 2.89  | 395.95 | 2.16 | 0.23  |
| 1998/08/11 20:00:00 | 384.3  | 3.23  | 402.44 | 1.76 | 1.63  |
| 1998/08/11 21:00:00 | 367.28 | 3.32  | 406.24 | 2.1  | 3.64  |
| 1998/08/11 22:00:00 | 442.58 | 5.55  | 406.54 | 1.99 | 3.14  |
| 1998/08/11 23:00:00 | 452.53 | 7.68  | 377.93 | 2.15 | 0.61  |
| 1998/08/12 00:00:00 | 466.66 | 6.74  | 236.93 | 2.38 | 0.24  |
| 1998/08/12 01:00:00 | 179.48 | 6.65  | 165.36 | 2.98 | 0.35  |
| 1998/08/12 02:00:00 | 172.09 | 5.78  | 165.09 | 2.63 | 0.17  |
| 1998/08/12 03:00:00 | 168.06 | 6.68  | 171.78 | 3.03 | 0.09  |
| 1998/08/12 04:00:00 | 201.03 | 6.85  | 194.3  | 2.55 | 0.24  |
| 1998/08/12 05:00:00 | 207.1  | 5.48  | 226.57 | 2.05 | 0.38  |
| 1998/08/12 06:00:00 | 215.65 | 3.58  | 286.91 | 1.52 | 0.53  |
| 1998/08/12 07:00:00 | 222.95 | 5.36  | 200.93 | 2    | 0.18  |
| 1998/08/12 08:00:00 | 196.32 | 5.3   | 204.35 | 2.25 | -0.26 |
| 1998/08/12 09:00:00 | 209.2  | 5.26  | 216.03 | 3.7  | -1.08 |
| 1998/08/12 10:00:00 | 219.91 | 5.15  | 217.26 | 4.15 | -1.49 |
| 1998/08/12 11:00:00 | 227.16 | 5.95  | 219.18 | 4.3  | -1.37 |
| 1998/08/12 12:00:00 | 272.7  | 8.2   | 273.8  | 4.51 | -1.88 |
| 1998/08/12 13:00:00 | 319.53 | 10.05 | 338.4  | 5.18 | -0.88 |
| 1998/08/12 14:00:00 | 340.34 | 5.59  | 355.03 | 2.77 | 0.07  |
| 1998/08/12 15:00:00 | 283.08 | 5.66  | 286.86 | 2.84 | -0.46 |
| 1998/08/12 16:00:00 | 293.42 | 9.03  | 300.93 | 4.3  | -0.82 |
| 1998/08/12 17:00:00 | 264.98 | 5.1   | 254.69 | 3.31 | -1.54 |
| 1998/08/12 18:00:00 | 163.56 | 3.72  | 174.94 | 2.68 | -1.53 |
| 1998/08/12 19:00:00 | 258.3  | 6.63  | 402.67 | 4.03 | -1.41 |
| 1998/08/12 20:00:00 | 424.92 | 8.5   | 414.42 | 4.18 | -0.39 |
| 1998/08/12 21:00:00 | 448.4  | 7.39  | 385.18 | 2.24 | 0.43  |
| 1998/08/12 22:00:00 | 439.56 | 7.36  | 383.98 | 2.33 | 1.9   |



## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/08/12 23:00:00 | 419.62 | 6.22 | 262.09 | 2.01 | 1.82  |
| 1998/08/13 00:00:00 | 144.09 | 8.82 | 189.83 | 3.08 | 1.11  |
| 1998/08/13 01:00:00 | 142.01 | 6.48 | 277.83 | 2.62 | 0.73  |
| 1998/08/13 02:00:00 | 197.44 | 4.18 | 348.78 | 1.87 | 0.77  |
| 1998/08/13 03:00:00 | 159.09 | 4.69 | 262.3  | 1.97 | 0.77  |
| 1998/08/13 04:00:00 | 196.49 | 2.43 | 389.93 | 1.87 | 0.96  |
| 1998/08/13 05:00:00 | 155.79 | 3.15 | 438.24 | 1.63 | 1.76  |
| 1998/08/13 06:00:00 | 126.2  | 3.82 | 443.73 | 2    | 2.12  |
| 1998/08/13 07:00:00 | 95.64  | 6.27 | 371.66 | 2.7  | 1.4   |
| 1998/08/13 08:00:00 | 97.61  | 6.36 | 115.2  | 2.63 | 0.72  |
| 1998/08/13 09:00:00 | 120.35 | 5.38 | 209.57 | 2.15 | 0.04  |
| 1998/08/13 10:00:00 | 173.97 | 3.43 | 239.89 | 2.72 | -1    |
| 1998/08/13 11:00:00 | 235.52 | 3.34 | 236.26 | 2.75 | -1.13 |
| 1998/08/13 12:00:00 | 172.55 | 5.9  | 181.98 | 4.66 | -0.89 |
| 1998/08/13 13:00:00 | 203.46 | 8.68 | 208.45 | 5.68 | -0.77 |
| 1998/08/13 14:00:00 | 235.42 | 7.46 | 258.3  | 4.7  | 0.23  |
| 1998/08/13 15:00:00 | 242.93 | 3.53 | 217.06 | 2.91 | 0.62  |
| 1998/08/13 16:00:00 | 197.91 | 5.61 | 209.02 | 4.1  | -1.08 |
| 1998/08/13 17:00:00 | 270.97 | 3.53 | 284.01 | 2.89 | -1.77 |
| 1998/08/13 18:00:00 | 205.32 | 3.94 | 205.39 | 2.82 | -0.95 |
| 1998/08/13 19:00:00 | 209.16 | 4.79 | 195.31 | 2.69 | 0.18  |
| 1998/08/13 20:00:00 | 187.05 | 4.64 | 163.53 | 2.23 | 0     |
| 1998/08/13 21:00:00 | 171.49 | 4.5  | 159.95 | 2.48 | 0.03  |
| 1998/08/13 22:00:00 | 150.43 | 4.88 | 141.35 | 2.43 | 0.11  |
| 1998/08/13 23:00:00 | 127.54 | 5.85 | 140.19 | 2.22 | 0.4   |
| 1998/08/14 00:00:00 | 157.76 | 5.29 | 181.46 | 2.44 | 0.33  |
| 1998/08/14 01:00:00 | 184.35 | 5.06 | 178.68 | 2.34 | 0.46  |
| 1998/08/14 02:00:00 | 177.32 | 6.8  | 175.05 | 3.07 | 0.56  |
| 1998/08/14 03:00:00 | 185.01 | 5.79 | 180.58 | 2.71 | 0.35  |
| 1998/08/14 04:00:00 | 197.05 | 4.8  | 149.29 | 1.46 | 0.36  |
| 1998/08/14 05:00:00 | 197.84 | 5.26 | 246.05 | 2.02 | 0.56  |
| 1998/08/14 06:00:00 | 196.45 | 4.6  | 281.79 | 1.7  | 0.66  |
| 1998/08/14 07:00:00 | 161.09 | 4.1  | 257.04 | 1.79 | 0.53  |
| 1998/08/14 08:00:00 | 157.23 | 4.41 | 210.6  | 1.87 | 0.39  |
| 1998/08/14 09:00:00 | 204.02 | 2.73 | 202.13 | 2.34 | -0.57 |
| 1998/08/14 10:00:00 | 282.06 | 3.46 | 292.45 | 2.93 | -1.51 |
| 1998/08/14 11:00:00 | 224.44 | 6    | 221.08 | 4.79 | -1.76 |
| 1998/08/14 12:00:00 | 207.76 | 7.22 | 207.17 | 6.12 | -2.56 |
| 1998/08/14 13:00:00 | 206.33 | 7.74 | 204.03 | 6.56 | -2.55 |
| 1998/08/14 14:00:00 | 221.97 | 9.15 | 217.3  | 7.19 | -2.83 |
| 1998/08/14 15:00:00 | 214.96 | 8.77 | 215.5  | 6.76 | -3.07 |
| 1998/08/14 16:00:00 | 212.18 | 9.38 | 212.84 | 6.91 | -2.61 |
| 1998/08/14 17:00:00 | 206.67 | 8.97 | 215.97 | 6.48 | -2.66 |
| 1998/08/14 18:00:00 | 213.12 | 9.12 | 216.64 | 6.56 | -2.28 |
| 1998/08/14 19:00:00 | 204.68 | 7.87 | 211.86 | 5.17 | -1.14 |
| 1998/08/14 20:00:00 | 197.09 | 6.13 | 184.76 | 2.84 | -0.3  |
| 1998/08/14 21:00:00 | 205.44 | 5.01 | 191.6  | 1.51 | 0.93  |
| 1998/08/14 22:00:00 | 321.89 | 4.48 | 330.1  | 2.14 | 0.42  |
| 1998/08/14 23:00:00 | 306.36 | 4.65 | 352.64 | 1.49 | 0.61  |
| 1998/08/15 00:00:00 | 211.07 | 4.34 | 200.23 | 2.12 | 0.05  |
| 1998/08/15 01:00:00 | 190.24 | 5.18 | 193.45 | 3.07 | -0.27 |
| 1998/08/15 02:00:00 | 197.06 | 6.09 | 193.82 | 3.31 | -0.23 |
| 1998/08/15 03:00:00 | 208.48 | 7.6  | 209.56 | 4.46 | 0.07  |
| 1998/08/15 04:00:00 | 222.38 | 7.46 | 219.32 | 4.64 | -0.12 |
| 1998/08/15 05:00:00 | 192.4  | 5.93 | 186.42 | 3.68 | -0.3  |
| 1998/08/15 06:00:00 | 186.61 | 5.58 | 193.24 | 3.27 | -0.12 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/08/15 07:00:00 | 205.73 | 5.45  | 207.57 | 3.16 | -0.16 |
| 1998/08/15 08:00:00 | 190.22 | 5.96  | 197.17 | 3.9  | -0.34 |
| 1998/08/15 09:00:00 | 195.41 | 6.28  | 198    | 4.52 | -0.83 |
| 1998/08/15 10:00:00 | 224.61 | 5.59  | 222    | 4.11 | -1.49 |
| 1998/08/15 11:00:00 | 209.07 | 7.47  | 213.2  | 5.31 | -1.65 |
| 1998/08/15 12:00:00 | 221.75 | 5.16  | 220.04 | 4.24 | -2.03 |
| 1998/08/15 13:00:00 | 246.41 | 6.39  | 253.77 | 4.65 | -2.66 |
| 1998/08/15 14:00:00 | 217.23 | 10.13 | 217.75 | 6.6  | -2.31 |
| 1998/08/15 15:00:00 | 215.49 | 9.94  | 220.95 | 7.02 | -2.46 |
| 1998/08/15 16:00:00 | 209.38 | 9.87  | 215.29 | 7.3  | -2.39 |
| 1998/08/15 17:00:00 | 222.85 | 8.78  | 229.54 | 5.9  | -1.69 |
| 1998/08/15 18:00:00 | 320.2  | 7.31  | 329.95 | 4.29 | -0.36 |
| 1998/08/15 19:00:00 | 294.56 | 2.36  | 333.79 | 1.96 | 0.35  |
| 1998/08/15 20:00:00 | 403.9  | 3.45  | 373.62 | 1.83 | -0.1  |
| 1998/08/15 21:00:00 | 328.15 | 3.66  | 218.35 | 1.69 | 0.06  |
| 1998/08/15 22:00:00 | 314.88 | 3.28  | 371.58 | 1.98 | 0.64  |
| 1998/08/15 23:00:00 | 184.86 | 1.58  | 405.77 | 1.83 | 1.58  |
| 1998/08/16 00:00:00 | 291.17 | 2.37  | 372.36 | 2.27 | 2.13  |
| 1998/08/16 01:00:00 | 335.01 | 3.61  | 254.19 | 2.97 | 1.91  |
| 1998/08/16 02:00:00 | 403.85 | 2.48  | 240.48 | 2.48 | 1.07  |
| 1998/08/16 03:00:00 | 297.72 | 3.06  | 317.18 | 1.47 | 0.87  |
| 1998/08/16 04:00:00 | 175.71 | 2.19  | 388.72 | 1.55 | 0.55  |
| 1998/08/16 05:00:00 | 170.53 | 3.77  | 276.65 | 1.37 | 0.41  |
| 1998/08/16 06:00:00 | 181.59 | 4.51  | 207.04 | 1.58 | 0.66  |
| 1998/08/16 07:00:00 | 150.39 | 4.08  | 180.17 | 1.38 | 0.65  |
| 1998/08/16 08:00:00 | 149.61 | 4.78  | 150.82 | 2.64 | -0.04 |
| 1998/08/16 09:00:00 | 188.5  | 3.37  | 189.64 | 2.88 | -0.44 |
| 1998/08/16 10:00:00 | 246.81 | 2.49  | 248.05 | 1.98 | -0.93 |
| 1998/08/16 11:00:00 | 303.16 | 4.01  | 311.52 | 2.98 | -1.52 |
| 1998/08/16 12:00:00 | 312.54 | 3.93  | 328.21 | 3.64 | -1.75 |
| 1998/08/16 13:00:00 | 284.75 | 4.25  | 297.71 | 3.61 | -2.86 |
| 1998/08/16 14:00:00 | 288.51 | 4.59  | 307.53 | 3.96 | -2.81 |
| 1998/08/16 15:00:00 | 295.13 | 5.1   | 309.24 | 4.12 | -2.96 |
| 1998/08/16 16:00:00 | 312.06 | 5.4   | 326.2  | 4.56 | -2.88 |
| 1998/08/16 17:00:00 | 316.32 | 6.97  | 323.67 | 4.77 | -3.05 |
| 1998/08/16 18:00:00 | 321.42 | 5.82  | 325.7  | 3.92 | -2.15 |
| 1998/08/16 19:00:00 | 361.29 | 4.86  | 374.71 | 3.32 | -1.36 |
| 1998/08/16 20:00:00 | 417.39 | 5.5   | 360.27 | 2.61 | -0.54 |
| 1998/08/16 21:00:00 | 454.09 | 5.35  | 167.39 | 2.08 | 0.7   |
| 1998/08/16 22:00:00 | 447.62 | 5.47  | 149.29 | 1.89 | 2.01  |
| 1998/08/16 23:00:00 | 484.25 | 4.36  | 265.54 | 1.71 | 4.6   |
| 1998/08/17 00:00:00 | 468.68 | 6.55  | 269.16 | 2.59 | 3.03  |
| 1998/08/17 01:00:00 | 140.36 | 7.25  | 96.15  | 2.54 | 2.69  |
| 1998/08/17 02:00:00 | 107.13 | 7.9   | 134.51 | 2.72 | 1.69  |
| 1998/08/17 03:00:00 | 141.33 | 6.57  | 195.38 | 1.92 | 1.49  |
| 1998/08/17 04:00:00 | 184.34 | 5.4   | 246.44 | 1.73 | 1.39  |
| 1998/08/17 05:00:00 | 151.53 | 4.56  | 379.27 | 1.71 | 1.29  |
| 1998/08/17 06:00:00 | 155.89 | 4.25  | 406.58 | 1.67 | 2.48  |
| 1998/08/17 07:00:00 | 142.35 | 2.84  | 419.32 | 1.66 | 3.27  |
| 1998/08/17 08:00:00 | 138.62 | 3.28  | 373.24 | 1.4  | 2.57  |
| 1998/08/17 09:00:00 | 217.83 | 1.44  | 274.06 | 1.62 | 0.62  |
| 1998/08/17 10:00:00 | 291.79 | 2.78  | 300.6  | 2.6  | -1.22 |
| 1998/08/17 11:00:00 | 249.1  | 3.26  | 260.83 | 3.02 | -1.87 |
| 1998/08/17 12:00:00 | 225.05 | 3.3   | 214.38 | 3.12 | -2.1  |
| 1998/08/17 13:00:00 | 272.85 | 4.22  | 288.3  | 3.64 | -2.98 |
| 1998/08/17 14:00:00 | 264.63 | 3.98  | 273.74 | 3.81 | -2.89 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/08/17 15:00:00 | 260.24 | 3.96  | 254.78 | 3.61 | -2.78 |
| 1998/08/17 16:00:00 | 256.36 | 4.01  | 252.79 | 3.66 | -2.74 |
| 1998/08/17 17:00:00 | 289.56 | 4.61  | 281.54 | 3.21 | -3.13 |
| 1998/08/17 18:00:00 | 300.02 | 4.38  | 292.65 | 2.68 | -2.46 |
| 1998/08/17 19:00:00 | 318.74 | 3.61  | 303.5  | 2.07 | -1.35 |
| 1998/08/17 20:00:00 | 347.7  | 1.28  | 415.11 | 1.69 | 2.98  |
| 1998/08/17 21:00:00 | 380.12 | 1.04  | 412.04 | 1.99 | 5.78  |
| 1998/08/17 22:00:00 | 172.06 | 2.92  | 168.64 | 2.08 | 5.49  |
| 1998/08/17 23:00:00 | 158.85 | 3.42  | 49.83  | 2.25 | 7.1   |
| 1998/08/18 00:00:00 | 169.67 | 3.5   | 55.85  | 2.12 | 4.96  |
| 1998/08/18 01:00:00 | 147.73 | 4.76  | 216.66 | 2.19 | 4.92  |
| 1998/08/18 02:00:00 | 171.87 | 3.24  | 318.2  | 2.63 | 4.05  |
| 1998/08/18 03:00:00 | 116.01 | 6.01  | 282.52 | 2.82 | 2.85  |
| 1998/08/18 04:00:00 | 146.61 | 4.4   | 301.02 | 1.95 | 2.92  |
| 1998/08/18 05:00:00 | 161.3  | 3.05  | 390.89 | 1.99 | 3.21  |
| 1998/08/18 06:00:00 | 176.95 | 3.58  | 441.07 | 1.69 | 2.57  |
| 1998/08/18 07:00:00 | 235.78 | 1.98  | 405.67 | 1.88 | 2.9   |
| 1998/08/18 08:00:00 | 262.05 | 2.22  | 402.27 | 1.55 | 2.57  |
| 1998/08/18 09:00:00 | 310.58 | 3.32  | 288.79 | 2.36 | -0.9  |
| 1998/08/18 10:00:00 | 338.02 | 3.72  | 304.82 | 3.18 | -1.72 |
| 1998/08/18 11:00:00 | 354.8  | 4.1   | 328.26 | 3.51 | -1.99 |
| 1998/08/18 12:00:00 | 333.51 | 3.84  | 327.76 | 3.08 | -2.72 |
| 1998/08/18 13:00:00 | 300.99 | 5.88  | 302.74 | 3.97 | -2.04 |
| 1998/08/18 14:00:00 | 292.4  | 6.19  | 298.92 | 4.83 | -3.11 |
| 1998/08/18 15:00:00 | 307.83 | 8.34  | 306.95 | 5.75 | -3.63 |
| 1998/08/18 16:00:00 | 311.2  | 8.07  | 309.91 | 5.35 | -3.61 |
| 1998/08/18 17:00:00 | 334.92 | 6.54  | 346.74 | 5.05 | -2.44 |
| 1998/08/18 18:00:00 | 331.04 | 5.87  | 351.28 | 4.41 | -2.06 |
| 1998/08/18 19:00:00 | 383.02 | 5.94  | 373.49 | 3.29 | -0.95 |
| 1998/08/18 20:00:00 | 393.97 | 6.47  | 401.66 | 2.12 | 2.7   |
| 1998/08/18 21:00:00 | 402.04 | 7.42  | 407.37 | 2.32 | 3.98  |
| 1998/08/18 22:00:00 | 387.51 | 6.9   | 387.81 | 2.09 | 4.96  |
| 1998/08/18 23:00:00 | 389.95 | 7.86  | 385.95 | 2.19 | 4.21  |
| 1998/08/19 00:00:00 | 401.44 | 5.49  | 415.2  | 1.73 | 6.22  |
| 1998/08/19 01:00:00 | 94.01  | 6.27  | 220.01 | 2.1  | 5.67  |
| 1998/08/19 02:00:00 | 140.64 | 6.4   | 312.46 | 2.31 | 3.95  |
| 1998/08/19 03:00:00 | 156.4  | 3.74  | 415.25 | 1.9  | 5.49  |
| 1998/08/19 04:00:00 | 205.81 | 3.33  | 424.02 | 1.88 | 3.83  |
| 1998/08/19 05:00:00 | 244.51 | 3.53  | 404.88 | 2.14 | 3.59  |
| 1998/08/19 06:00:00 | 286.96 | 4.24  | 386.08 | 1.87 | 3.12  |
| 1998/08/19 07:00:00 | 331.27 | 5.54  | 388.21 | 2.17 | 1.73  |
| 1998/08/19 08:00:00 | 340.5  | 5.13  | 382.06 | 1.96 | 1     |
| 1998/08/19 09:00:00 | 360.64 | 4.27  | 380.64 | 2.74 | -0.66 |
| 1998/08/19 10:00:00 | 348.44 | 2.66  | 306.26 | 2.54 | -1.28 |
| 1998/08/19 11:00:00 | 300.11 | 4.94  | 283.74 | 4.01 | -2.43 |
| 1998/08/19 12:00:00 | 296.02 | 7.11  | 295.11 | 4.71 | -3.28 |
| 1998/08/19 13:00:00 | 316.68 | 7.46  | 326.23 | 5.16 | -3.02 |
| 1998/08/19 14:00:00 | 338.95 | 7.88  | 349.35 | 5.97 | -2.77 |
| 1998/08/19 15:00:00 | 352.09 | 8.06  | 362.75 | 6.12 | -2.68 |
| 1998/08/19 16:00:00 | 351.12 | 8.11  | 358.1  | 5.71 | -2.32 |
| 1998/08/19 17:00:00 | 361.49 | 7.69  | 363.87 | 5.47 | -1.79 |
| 1998/08/19 18:00:00 | 357.09 | 10.16 | 366.53 | 6.37 | -1.65 |
| 1998/08/19 19:00:00 | 352.98 | 6.76  | 355.95 | 4.07 | -1.21 |
| 1998/08/19 20:00:00 | 364.32 | 6.96  | 374.95 | 2.74 | 1.37  |
| 1998/08/19 21:00:00 | 381.93 | 7.48  | 384.19 | 2.28 | 4.14  |
| 1998/08/19 22:00:00 | 382.08 | 8.39  | 377.81 | 3.28 | 3.74  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/08/19 23:00:00 | 38.59  | 9.06  | 383.54 | 2.94 | 5.36  |
| 1998/08/20 00:00:00 | 188.61 | 8.18  | 402.62 | 2.01 | 4.76  |
| 1998/08/20 01:00:00 | 253.57 | 10.25 | 271.88 | 3.49 | 3.32  |
| 1998/08/20 02:00:00 | 420.59 | 8.98  | 404.18 | 2.74 | 2.71  |
| 1998/08/20 03:00:00 | 414.5  | 6.5   | 402.97 | 1.89 | 3.36  |
| 1998/08/20 04:00:00 | 402.16 | 4.7   | 393.77 | 1.63 | 2.66  |
| 1998/08/20 05:00:00 | 399.97 | 6.73  | 374.21 | 1.6  | 2.88  |
| 1998/08/20 06:00:00 | 407.89 | 7.89  | 351.72 | 2.58 | 2.04  |
| 1998/08/20 07:00:00 | 415.12 | 7.96  | 378.47 | 2.66 | 0.98  |
| 1998/08/20 08:00:00 | 405.36 | 8.11  | 397    | 3.4  | 0.48  |
| 1998/08/20 09:00:00 | 404.5  | 6.27  | 396.3  | 3.65 | -1.14 |
| 1998/08/20 10:00:00 | 401.66 | 4.78  | 400.48 | 3.91 | -1.53 |
| 1998/08/20 11:00:00 | 380.23 | 5.51  | 379.47 | 4.36 | -1.48 |
| 1998/08/20 12:00:00 | 381.47 | 7.42  | 370.1  | 5.47 | -1.1  |
| 1998/08/20 13:00:00 | 385.89 | 8.56  | 387.48 | 6.02 | -0.75 |
| 1998/08/20 14:00:00 | 398.94 | 7.03  | 394.5  | 4.65 | -1.32 |
| 1998/08/20 15:00:00 | 387.06 | 8.5   | 389.35 | 5.58 | -0.84 |
| 1998/08/20 16:00:00 | 394.43 | 8.4   | 391.48 | 5.67 | -0.75 |
| 1998/08/20 17:00:00 | 408.18 | 12.05 | 391.26 | 6.91 | -0.77 |
| 1998/08/20 18:00:00 | 307.68 | 6.62  | 338.77 | 3.62 | 1.19  |
| 1998/08/20 19:00:00 | 355.33 | 7.67  | 311.61 | 2.63 | 6.64  |
| 1998/08/20 20:00:00 | 390.06 | 9.81  | 395.09 | 1.87 | 7.83  |
| 1998/08/20 21:00:00 | 423.91 | 9.91  | 340.51 | 3.04 | 5.64  |
| 1998/08/20 22:00:00 | 350.16 | 11.18 | 271.64 | 3.66 | 3.52  |
| 1998/08/20 23:00:00 | 235.39 | 4.93  | 207.79 | 3.08 | 3.5   |
| 1998/08/21 00:00:00 | 106.92 | 6.07  | 269.77 | 2.24 | 3.55  |
| 1998/08/21 01:00:00 | 227.24 | 3.18  | 224.6  | 1.66 | 3.21  |
| 1998/08/21 02:00:00 | 415.88 | 6.77  | 381.95 | 2.16 | 4.22  |
| 1998/08/21 03:00:00 | 428.86 | 8.78  | 271.91 | 1.93 | 5.16  |
| 1998/08/21 04:00:00 | 420.44 | 8.72  | 411.06 | 2.94 | 3.38  |
| 1998/08/21 05:00:00 | 419.85 | 8.15  | 214.4  | 2.01 | 2.72  |
| 1998/08/21 06:00:00 | 425.15 | 7.52  | 280.13 | 2.09 | 2.31  |
| 1998/08/21 07:00:00 | 418.01 | 7.72  | 345.66 | 2.58 | 1.88  |
| 1998/08/21 08:00:00 | 423.72 | 9.05  | 409.39 | 4.26 | 0.66  |
| 1998/08/21 09:00:00 | 436.19 | 9.02  | 397.42 | 4.47 | -0.54 |
| 1998/08/21 10:00:00 | 239.82 | 9.58  | 338.09 | 4.83 | -1.12 |
| 1998/08/21 11:00:00 | 425.3  | 11.49 | 318.74 | 5.88 | -2.07 |
| 1998/08/21 12:00:00 | 342.9  | 9.87  | 363.82 | 5.85 | -2.38 |
| 1998/08/21 13:00:00 | 253.01 | 10.49 | 305.68 | 6.31 | -2.61 |
| 1998/08/21 14:00:00 | 372.93 | 10.88 | 328.46 | 6.08 | -2.49 |
| 1998/08/21 15:00:00 | 319.09 | 10.64 | 365.1  | 6.6  | -1.96 |
| 1998/08/21 16:00:00 | 289.57 | 9.29  | 316.47 | 5.94 | -2.21 |
| 1998/08/21 17:00:00 | 295.72 | 11.18 | 315.36 | 6.19 | -2.05 |
| 1998/08/21 18:00:00 | 438.29 | 9.04  | 353.49 | 4.51 | -1.11 |
| 1998/08/21 19:00:00 | 436.14 | 7.14  | 374.84 | 3.2  | -0.37 |
| 1998/08/21 20:00:00 | 418.84 | 5.84  | 400.16 | 2.05 | 2.23  |
| 1998/08/21 21:00:00 | 425.6  | 7.67  | 405.99 | 2.84 | 2.36  |
| 1998/08/21 22:00:00 | 435.78 | 9.15  | 400.12 | 2.9  | 1.43  |
| 1998/08/21 23:00:00 | 442.11 | 8.22  | 403.87 | 2.47 | 0.87  |
| 1998/08/22 00:00:00 | 434.23 | 9.13  | 380.48 | 3.26 | 0.49  |
| 1998/08/22 01:00:00 | 394.88 | 9.46  | 380.16 | 3.58 | 0.39  |
| 1998/08/22 02:00:00 | 443.63 | 8.78  | 334.93 | 2.5  | 0.43  |
| 1998/08/22 03:00:00 | 443.04 | 8.48  | 397.63 | 2.35 | 0.62  |
| 1998/08/22 04:00:00 | 447.28 | 8.44  | 405.89 | 2.51 | 0.5   |
| 1998/08/22 05:00:00 | 440.36 | 8.69  | 398.83 | 2.77 | 0.78  |
| 1998/08/22 06:00:00 | 446.93 | 8.13  | 365.95 | 1.93 | 0.83  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/08/22 07:00:00 | 438.97 | 8.49  | 367.57 | 2.34 | 1.1   |
| 1998/08/22 08:00:00 | 434.7  | 9.27  | 408.05 | 3.37 | 0.07  |
| 1998/08/22 09:00:00 | 438.48 | 6.86  | 376.04 | 3.48 | -1.63 |
| 1998/08/22 10:00:00 | 258.83 | 6.82  | 377.27 | 4.25 | -1.85 |
| 1998/08/22 11:00:00 | 446.96 | 8.43  | 382.61 | 5.05 | -2.29 |
| 1998/08/22 12:00:00 | 339.53 | 7.82  | 320.24 | 5.09 | -2.6  |
| 1998/08/22 13:00:00 | 292.92 | 7.89  | 264.49 | 5.22 | -2.66 |
| 1998/08/22 14:00:00 | 203.21 | 6.91  | 273.35 | 5.17 | -2.57 |
| 1998/08/22 15:00:00 | 317    | 8.43  | 318.39 | 5.57 | -2.54 |
| 1998/08/22 16:00:00 | 376.97 | 7.21  | 359.6  | 4.96 | -2.42 |
| 1998/08/22 17:00:00 | 380.03 | 7.82  | 376.41 | 5.64 | -2.1  |
| 1998/08/22 18:00:00 | 388.35 | 8.4   | 384.22 | 5.34 | -1.72 |
| 1998/08/22 19:00:00 | 374.95 | 8.04  | 374.94 | 4.48 | -0.65 |
| 1998/08/22 20:00:00 | 369.43 | 8.02  | 374.72 | 3.15 | 1.05  |
| 1998/08/22 21:00:00 | 389.39 | 9     | 399.84 | 2.71 | 2.98  |
| 1998/08/22 22:00:00 | 399.14 | 11.02 | 399.46 | 4.08 | 1.94  |
| 1998/08/22 23:00:00 | 406.11 | 11.03 | 406.2  | 4.49 | 0.79  |
| 1998/08/23 00:00:00 | 409.12 | 8.58  | 398.09 | 3.35 | 0.56  |
| 1998/08/23 01:00:00 | 91.6   | 8.72  | 396.68 | 3.04 | 1.17  |
| 1998/08/23 02:00:00 | 76.4   | 8.55  | 380.19 | 2.58 | 0.66  |
| 1998/08/23 03:00:00 | 83.94  | 7.67  | 381.08 | 2.52 | 0.04  |
| 1998/08/23 04:00:00 | 107.98 | 8.39  | 302.44 | 3.44 | 0.11  |
| 1998/08/23 05:00:00 | 110.45 | 6.82  | 252.95 | 2.43 | 0.76  |
| 1998/08/23 06:00:00 | 149.67 | 7.68  | 188.2  | 2.54 | 1.98  |
| 1998/08/23 07:00:00 | 135.18 | 6.05  | 269.31 | 2.27 | 2.33  |
| 1998/08/23 08:00:00 | 160.86 | 2.11  | 402.82 | 1.7  | 1.72  |
| 1998/08/23 09:00:00 | 161.91 | 3.19  | 183.02 | 2.1  | -0.81 |
| 1998/08/23 10:00:00 | 202.35 | 2.77  | 225.37 | 2.58 | -1.54 |
| 1998/08/23 11:00:00 | 172.05 | 4.23  | 179.3  | 3.29 | -2.16 |
| 1998/08/23 12:00:00 | 233.52 | 4.45  | 245.85 | 3.82 | -2.75 |
| 1998/08/23 13:00:00 | 260.46 | 4.13  | 257.5  | 3.41 | -2.31 |
| 1998/08/23 14:00:00 | 283.03 | 4.57  | 284    | 3.28 | -2.37 |
| 1998/08/23 15:00:00 | 288.04 | 4.25  | 297.24 | 3.55 | -2.51 |
| 1998/08/23 16:00:00 | 324.12 | 5.32  | 341.96 | 4.13 | -2.07 |
| 1998/08/23 17:00:00 | 281    | 4.17  | 259.39 | 3.19 | -1.73 |
| 1998/08/23 18:00:00 | 137.75 | 5.21  | 175.96 | 4    | -1.86 |
| 1998/08/23 19:00:00 | 177.35 | 4.78  | 189.92 | 3.3  | -1.36 |
| 1998/08/23 20:00:00 | 127.67 | 4.6   | 308.37 | 1.91 | 0.87  |
| 1998/08/23 21:00:00 | 134.53 | 3.94  | 422.24 | 2.19 | 5.17  |
| 1998/08/23 22:00:00 | 163.19 | 5.72  | 195.4  | 2.84 | 0.91  |
| 1998/08/23 23:00:00 | 157.68 | 3.72  | 131.76 | 2.48 | -0.17 |
| 1998/08/24 00:00:00 | 175.33 | 6.05  | 176.61 | 3.57 | -0.01 |
| 1998/08/24 01:00:00 | 178.31 | 5.83  | 163.47 | 2.9  | 0.51  |
| 1998/08/24 02:00:00 | 148.28 | 5.78  | 135.25 | 2.38 | 0.65  |
| 1998/08/24 03:00:00 | 156.07 | 4.32  | 93.78  | 1.7  | 1.68  |
| 1998/08/24 04:00:00 | 140.23 | 4.62  | 311.65 | 2.33 | 2.66  |
| 1998/08/24 05:00:00 | 140.2  | 4.75  | 289.3  | 2.11 | 3.58  |
| 1998/08/24 06:00:00 | 168.86 | 4.47  | 243.68 | 1.73 | 2.13  |
| 1998/08/24 07:00:00 | 185.61 | 4.57  | 293.94 | 1.75 | 2.17  |
| 1998/08/24 08:00:00 | 175.82 | 4.07  | 284.13 | 1.37 | 1.54  |
| 1998/08/24 09:00:00 | 204.82 | 3.07  | 201.16 | 2.72 | -0.71 |
| 1998/08/24 10:00:00 | 220.79 | 3.21  | 197.99 | 3.04 | -0.57 |
| 1998/08/24 11:00:00 | 264.83 | 3.66  | 266.85 | 3.22 | -2.07 |
| 1998/08/24 12:00:00 | 245.55 | 3.21  | 231.91 | 3.26 | -2.2  |
| 1998/08/24 13:00:00 | 257    | 4.04  | 246.68 | 2.87 | -1.69 |
| 1998/08/24 14:00:00 | 251.68 | 3.79  | 258.05 | 2.64 | -1.43 |

## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/08/24 15:00:00 | 261.46 | 4.26 | 283.41 | 2.83 | -1.97 |
| 1998/08/24 16:00:00 | 257.64 | 4.36 | 260.01 | 3.71 | -2.33 |
| 1998/08/24 17:00:00 | 281.05 | 3.29 | 291.21 | 2.74 | -2.31 |
| 1998/08/24 18:00:00 | 281.05 | 3.29 | 291.21 | 2.74 | -2.31 |
| 1998/08/24 19:00:00 | 326.82 | 2.8  | 347.8  | 1.81 | -0.74 |
| 1998/08/24 20:00:00 | 370.98 | 2.95 | 409.33 | 1.99 | 3.97  |
| 1998/08/24 21:00:00 | 409.22 | 3.06 | 229.7  | 2.01 | 6.47  |
| 1998/08/24 22:00:00 | 443.78 | 5.24 | 68.42  | 2.76 | 7     |
| 1998/08/24 23:00:00 | 455.55 | 6.48 | 163.58 | 1.99 | 5.9   |
| 1998/08/25 00:00:00 | 465.89 | 7.16 | 301.7  | 2.04 | 2.72  |
| 1998/08/25 01:00:00 | 126.65 | 7.84 | 228.77 | 2.39 | 1.22  |
| 1998/08/25 02:00:00 | 139.25 | 6.59 | 202.65 | 2.23 | 0.65  |
| 1998/08/25 03:00:00 | 170.75 | 5.79 | 157.24 | 1.82 | 0.66  |
| 1998/08/25 04:00:00 | 175.62 | 5.06 | 223.79 | 1.57 | 1.25  |
| 1998/08/25 05:00:00 | 183.9  | 7.55 | 171.84 | 3.51 | 0.24  |
| 1998/08/25 06:00:00 | 199.65 | 7.27 | 196.05 | 2.33 | 0.43  |
| 1998/08/25 07:00:00 | 201.71 | 7.09 | 193.89 | 2.22 | 0.65  |
| 1998/08/25 08:00:00 | 202.27 | 5.57 | 197.65 | 2.48 | -0.01 |
| 1998/08/25 09:00:00 | 239.81 | 3.32 | 225.23 | 2.66 | -1.05 |
| 1998/08/25 10:00:00 | 260.69 | 4.14 | 252.25 | 3.32 | -1.34 |
| 1998/08/25 11:00:00 | 272.52 | 4.26 | 267.99 | 3.42 | -2.16 |
| 1998/08/25 12:00:00 | 287.19 | 4.71 | 306.87 | 3.74 | -2.56 |
| 1998/08/25 13:00:00 | 277.2  | 4.95 | 277.44 | 4.1  | -3.02 |
| 1998/08/25 14:00:00 | 269.87 | 4.43 | 275.97 | 3.86 | -2.87 |
| 1998/08/25 15:00:00 | 287.61 | 5.93 | 279.29 | 4.34 | -3.24 |
| 1998/08/25 16:00:00 | 289.27 | 5.68 | 287.75 | 4.15 | -3.15 |
| 1998/08/25 17:00:00 | 288.82 | 5.38 | 293.76 | 3.92 | -2.9  |
| 1998/08/25 18:00:00 | 296.01 | 4.86 | 295.84 | 3.36 | -2.41 |
| 1998/08/25 19:00:00 | 291.82 | 3.4  | 311.77 | 1.82 | -0.98 |
| 1998/08/25 20:00:00 | 307.08 | 3.47 | 398.37 | 1.94 | 3.66  |
| 1998/08/25 21:00:00 | 313.21 | 4.91 | 410.5  | 2.27 | 7.85  |
| 1998/08/25 22:00:00 | 315.68 | 3.85 | 420.53 | 2.09 | 9.24  |
| 1998/08/25 23:00:00 | 355.4  | 2.49 | 418.11 | 2.22 | 9.04  |
| 1998/08/26 00:00:00 | 285.95 | 1.71 | 421.01 | 2.07 | 7.57  |
| 1998/08/26 01:00:00 | 333.57 | 2.88 | 92.49  | 2.19 | 8.11  |
| 1998/08/26 02:00:00 | 223.63 | 1.8  | 67.6   | 1.7  | 5     |
| 1998/08/26 03:00:00 | 251.44 | 3.57 | 52.26  | 1.53 | 4.41  |
| 1998/08/26 04:00:00 | 269.39 | 4.84 | 259.75 | 1.56 | 4.03  |
| 1998/08/26 05:00:00 | 298.8  | 5.04 | 407.77 | 1.66 | 5.59  |
| 1998/08/26 06:00:00 | 322.07 | 3.82 | 412.39 | 2.19 | 5.65  |
| 1998/08/26 07:00:00 | 236.85 | 4.46 | 154.21 | 1.98 | 3.34  |
| 1998/08/26 08:00:00 | 253.26 | 1.8  | 210.08 | 1.76 | 2.31  |
| 1998/08/26 09:00:00 | 254.63 | 1.7  | 198.65 | 1.91 | -0.32 |
| 1998/08/26 10:00:00 | 263.9  | 3.46 | 253.41 | 3.51 | -0.59 |
| 1998/08/26 11:00:00 | 285.39 | 4.34 | 274.01 | 3.64 | -2.51 |
| 1998/08/26 12:00:00 | 286.87 | 6.02 | 277.55 | 4.24 | -3.05 |
| 1998/08/26 13:00:00 | 308.37 | 6.43 | 309.54 | 4.86 | -3.52 |
| 1998/08/26 14:00:00 | 313.01 | 8.18 | 312.43 | 5.8  | -3.48 |
| 1998/08/26 15:00:00 | 317.95 | 8.35 | 321.03 | 5.8  | -3.33 |
| 1998/08/26 16:00:00 | 319.59 | 7.91 | 325.44 | 5.4  | -3.2  |
| 1998/08/26 17:00:00 | 311.56 | 7.97 | 304.22 | 5.12 | -3.19 |
| 1998/08/26 18:00:00 | 319.29 | 6.4  | 312.15 | 3.95 | -2.17 |
| 1998/08/26 19:00:00 | 347.67 | 4.58 | 374.97 | 2.36 | -0.2  |
| 1998/08/26 20:00:00 | 358.43 | 4.84 | 404.61 | 2.57 | 4.93  |
| 1998/08/26 21:00:00 | 367.24 | 5.33 | 407.2  | 2.88 | 8.51  |
| 1998/08/26 22:00:00 | 384.46 | 4.98 | 281.51 | 1.87 | 9.81  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/08/26 23:00:00 | 420.47 | 5.26  | 277.07 | 2.21 | 11.1  |
| 1998/08/27 00:00:00 | 455.2  | 6.38  | 325.26 | 1.86 | 10.96 |
| 1998/08/27 01:00:00 | 123.45 | 5.85  | 307.79 | 1.65 | 12.91 |
| 1998/08/27 02:00:00 | 93.82  | 6.09  | 296.29 | 1.53 | 11.38 |
| 1998/08/27 03:00:00 | 80.65  | 4.58  | 109.71 | 1.44 | 11.31 |
| 1998/08/27 04:00:00 | 77.84  | 8.13  | 149.31 | 1.79 | 9.74  |
| 1998/08/27 05:00:00 | 76.34  | 7.01  | 419.5  | 2.08 | 9.59  |
| 1998/08/27 06:00:00 | 84.3   | 6.75  | 445.39 | 1.93 | 11.87 |
| 1998/08/27 07:00:00 | 96.43  | 8.13  | 431    | 2.14 | 9.19  |
| 1998/08/27 08:00:00 | 196.16 | 7.96  | 361.91 | 2.05 | 2.37  |
| 1998/08/27 09:00:00 | 384.24 | 3.01  | 359.52 | 1.75 | -1.41 |
| 1998/08/27 10:00:00 | 365.81 | 2.66  | 255.27 | 2.34 | -1.92 |
| 1998/08/27 11:00:00 | 261.33 | 3.13  | 264.27 | 3.29 | -2.1  |
| 1998/08/27 12:00:00 | 282.46 | 4.53  | 290.92 | 4.16 | -2.13 |
| 1998/08/27 13:00:00 | 245.9  | 5.22  | 239.28 | 4.59 | -2.64 |
| 1998/08/27 14:00:00 | 249.26 | 5.29  | 246.54 | 4.37 | -2.22 |
| 1998/08/27 15:00:00 | 286.32 | 6.1   | 281.45 | 4.35 | -3.19 |
| 1998/08/27 16:00:00 | 310.39 | 9.3   | 313.82 | 5.75 | -3.47 |
| 1998/08/27 17:00:00 | 317.43 | 8.7   | 323.76 | 5.67 | -2.95 |
| 1998/08/27 18:00:00 | 321.06 | 6.89  | 320.6  | 4.18 | -2.12 |
| 1998/08/27 19:00:00 | 337.75 | 5.14  | 351.96 | 2.34 | -0.35 |
| 1998/08/27 20:00:00 | 357    | 6.84  | 389.5  | 2.41 | 2.23  |
| 1998/08/27 21:00:00 | 371.42 | 8.5   | 376.61 | 2.81 | 2.34  |
| 1998/08/27 22:00:00 | 380.69 | 8.59  | 380.97 | 2.72 | 3.5   |
| 1998/08/27 23:00:00 | 395.63 | 10.12 | 399.17 | 3.81 | 3.18  |
| 1998/08/28 00:00:00 | 404.57 | 9.48  | 402.6  | 3.49 | 2.57  |
| 1998/08/28 01:00:00 | 286.79 | 9.2   | 389.78 | 3.25 | 2.13  |
| 1998/08/28 02:00:00 | 433.06 | 9.14  | 388.14 | 2.54 | 1.83  |
| 1998/08/28 03:00:00 | 440.08 | 10.16 | 389.17 | 2.99 | 2.21  |
| 1998/08/28 04:00:00 | 435.38 | 10.07 | 407.99 | 3.44 | 1.71  |
| 1998/08/28 05:00:00 | 446.24 | 9.3   | 402    | 2.69 | 3.1   |
| 1998/08/28 06:00:00 | 437.45 | 7.52  | 349.7  | 2.23 | 4.05  |
| 1998/08/28 07:00:00 | 435.95 | 6.05  | 82.33  | 1.48 | 6.14  |
| 1998/08/28 08:00:00 | 250.04 | 1.79  | 127.12 | 1.2  | 3.85  |
| 1998/08/28 09:00:00 | 97.51  | 2.49  | 214.79 | 1.39 | -0.79 |
| 1998/08/28 10:00:00 | 168.5  | 3.24  | 221.43 | 2.9  | -1.48 |
| 1998/08/28 11:00:00 | 184.16 | 4.01  | 154.44 | 3.68 | -1.94 |
| 1998/08/28 12:00:00 | 249.72 | 3.95  | 264.9  | 3.6  | -2.71 |
| 1998/08/28 13:00:00 | 289.56 | 6.33  | 282.99 | 4.78 | -3.33 |
| 1998/08/28 14:00:00 | 297.99 | 7.73  | 298.79 | 5.15 | -3.62 |
| 1998/08/28 15:00:00 | 292.66 | 7.21  | 290.02 | 4.93 | -3.74 |
| 1998/08/28 16:00:00 | 305.28 | 7.42  | 303.5  | 5.06 | -3.47 |
| 1998/08/28 17:00:00 | 315.5  | 6.09  | 316.08 | 4.64 | -2.85 |
| 1998/08/28 18:00:00 | 355.22 | 5.86  | 361.19 | 3.93 | -2.01 |
| 1998/08/28 19:00:00 | 386.17 | 5.51  | 389.89 | 2.88 | -0.39 |
| 1998/08/28 20:00:00 | 393.13 | 7.06  | 390.31 | 2.66 | 3.93  |
| 1998/08/28 21:00:00 | 394.77 | 7.65  | 399.99 | 3.19 | 6.96  |
| 1998/08/28 22:00:00 | 407.17 | 7.23  | 410.35 | 3.69 | 8.91  |
| 1998/08/28 23:00:00 | 418.15 | 7.95  | 424.33 | 2.62 | 10.61 |
| 1998/08/29 00:00:00 | 422.17 | 9.63  | 380.4  | 2.43 | 8.82  |
| 1998/08/29 01:00:00 | 96.42  | 9.62  | 355.4  | 1.62 | 5.79  |
| 1998/08/29 02:00:00 | 268.59 | 9.72  | 378.66 | 3.47 | 4.14  |
| 1998/08/29 03:00:00 | 406.29 | 6.84  | 315.41 | 2.33 | 2.86  |
| 1998/08/29 04:00:00 | 422.49 | 6.09  | 277.56 | 1.58 | 3.6   |
| 1998/08/29 05:00:00 | 422.14 | 4.52  | 294.03 | 2.01 | 4.62  |
| 1998/08/29 06:00:00 | 388.25 | 5.32  | 410.12 | 2.28 | 5     |

## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/08/29 07:00:00 | 412.07 | 5.03 | 225.38 | 1.32 | 4.3   |
| 1998/08/29 08:00:00 | 428.39 | 4.19 | 127.94 | 1.39 | 2.78  |
| 1998/08/29 09:00:00 | 384.31 | 3.3  | 351.73 | 2.12 | -1.02 |
| 1998/08/29 10:00:00 | 326.28 | 3.88 | 307.3  | 3.28 | -1.46 |
| 1998/08/29 11:00:00 | 317.9  | 4.52 | 302.72 | 3.74 | -2.57 |
| 1998/08/29 12:00:00 | 303.39 | 5.17 | 309.78 | 4.14 | -2.96 |
| 1998/08/29 13:00:00 | 303.68 | 6.15 | 308.74 | 4.95 | -2.9  |
| 1998/08/29 14:00:00 | 309.92 | 5.7  | 311.01 | 4.7  | -2.7  |
| 1998/08/29 15:00:00 | 313.05 | 5.58 | 308.86 | 4    | -2.6  |
| 1998/08/29 16:00:00 | 297.28 | 5.44 | 291.26 | 3.75 | -3.07 |
| 1998/08/29 17:00:00 | 308.3  | 4.88 | 300.17 | 3.63 | -2.77 |
| 1998/08/29 18:00:00 | 340.14 | 4.8  | 358.58 | 2.23 | -0.01 |
| 1998/08/29 19:00:00 | 344.48 | 6.22 | 374.89 | 2.45 | 2.37  |
| 1998/08/29 20:00:00 | 337.77 | 9.57 | 354.6  | 4.67 | 0.12  |
| 1998/08/29 21:00:00 | 343.49 | 9.58 | 364.99 | 3.86 | 1.18  |
| 1998/08/29 22:00:00 | 345.58 | 9.67 | 365.74 | 3.91 | 0.91  |
| 1998/08/29 23:00:00 | 354.73 | 8.98 | 368.96 | 3.45 | 0.65  |
| 1998/08/30 00:00:00 | 384.41 | 6.05 | 355.53 | 1.84 | 1.56  |
| 1998/08/30 01:00:00 | 108.73 | 5.49 | 304.6  | 2.38 | 0.93  |
| 1998/08/30 02:00:00 | 162.15 | 3.22 | 384.91 | 1.91 | 3.02  |
| 1998/08/30 03:00:00 | 353.04 | 6    | 387.41 | 2.52 | 1.98  |
| 1998/08/30 04:00:00 | 395.21 | 3.6  | 438.58 | 1.85 | 1.45  |
| 1998/08/30 05:00:00 | 418.73 | 5.68 | 427.61 | 2.06 | 1.74  |
| 1998/08/30 06:00:00 | 416.95 | 5.79 | 370.94 | 1.69 | 1.72  |
| 1998/08/30 07:00:00 | 423.58 | 3.84 | 379.55 | 1.79 | 1.34  |
| 1998/08/30 08:00:00 | 388.9  | 3.35 | 284.62 | 1.64 | 0.52  |
| 1998/08/30 09:00:00 | 370.77 | 2.85 | 347.65 | 2.34 | -1.25 |
| 1998/08/30 10:00:00 | 322.12 | 1.72 | 303.74 | 2.05 | -1.74 |
| 1998/08/30 11:00:00 | 269.38 | 6.26 | 268.02 | 3.35 | -1.61 |
| 1998/08/30 12:00:00 | 318.72 | 7.18 | 329.66 | 4.61 | -1.44 |
| 1998/08/30 13:00:00 | 316.12 | 6.04 | 326.18 | 4.82 | -2.24 |
| 1998/08/30 14:00:00 | 305.99 | 5.51 | 313.52 | 4.56 | -2.84 |
| 1998/08/30 15:00:00 | 309.2  | 6.26 | 320.52 | 4.8  | -3.2  |
| 1998/08/30 16:00:00 | 336.96 | 6.68 | 341.31 | 5.28 | -2.67 |
| 1998/08/30 17:00:00 | 358.73 | 7.78 | 369.68 | 5.9  | -1.96 |
| 1998/08/30 18:00:00 | 246.89 | 6.14 | 258.68 | 3.98 | -2    |
| 1998/08/30 19:00:00 | 101.87 | 8.2  | 263.95 | 3.76 | -1.23 |
| 1998/08/30 20:00:00 | 194.28 | 6.28 | 310.38 | 2.5  | -0.55 |
| 1998/08/30 21:00:00 | 371.33 | 3.9  | 249.6  | 2.72 | 0.75  |
| 1998/08/30 22:00:00 | 176.89 | 4.33 | 357.03 | 2.71 | 0.73  |
| 1998/08/30 23:00:00 | 99.02  | 5.84 | 265.43 | 2.52 | 0.46  |
| 1998/08/31 00:00:00 | 115.5  | 5.01 | 206.7  | 1.98 | 0.77  |
| 1998/08/31 01:00:00 | 110.23 | 5.5  | 249.69 | 2.35 | 0.28  |
| 1998/08/31 02:00:00 | 106.71 | 5.69 | 268.36 | 1.97 | 0.14  |
| 1998/08/31 03:00:00 | 269.32 | 2.49 | 327.06 | 2.4  | 0.92  |
| 1998/08/31 04:00:00 | 411.18 | 3.93 | 382.37 | 2.34 | 2.44  |
| 1998/08/31 05:00:00 | 258.23 | 4.83 | 99.31  | 1.87 | 2     |
| 1998/08/31 06:00:00 | 459.82 | 5.55 | 262.26 | 1.8  | 2.55  |
| 1998/08/31 07:00:00 | 471.34 | 5.85 | 434.65 | 2.24 | 2.44  |
| 1998/08/31 08:00:00 | 454.13 | 6.89 | 355.02 | 2.73 | 0.86  |
| 1998/08/31 09:00:00 | 399.81 | 4.63 | 247    | 3.23 | -1    |
| 1998/08/31 10:00:00 | 356.47 | 3    | 319.85 | 2.42 | -1.68 |
| 1998/08/31 11:00:00 | 319.26 | 3.19 | 301.61 | 3.06 | -2.25 |
| 1998/08/31 12:00:00 | 283.4  | 4.9  | 270.84 | 4.55 | -2.25 |
| 1998/08/31 13:00:00 | 312.5  | 6.39 | 313.26 | 4.57 | -2.38 |
| 1998/08/31 14:00:00 | 314.75 | 5.5  | 320.62 | 4.18 | -2.35 |



## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/08/31 15:00:00 | 315.88 | 5.93  | 314.23 | 4.33 | -2.54 |
| 1998/08/31 16:00:00 | 322.95 | 6.2   | 324.43 | 4.55 | -2.81 |
| 1998/08/31 17:00:00 | 337.79 | 5.91  | 349.99 | 4.36 | -2.05 |
| 1998/08/31 18:00:00 | 347.98 | 5.52  | 358.79 | 3.64 | -1.48 |
| 1998/08/31 19:00:00 | 355.12 | 5.8   | 365.85 | 2.72 | -0.59 |
| 1998/08/31 20:00:00 | 372.67 | 5.93  | 386.05 | 2.16 | 0.69  |
| 1998/08/31 21:00:00 | 378.77 | 7.74  | 386.62 | 2.93 | 1.1   |
| 1998/08/31 22:00:00 | 334.8  | 8.74  | 267.77 | 4.51 | -0.22 |
| 1998/08/31 23:00:00 | 172.43 | 4.73  | 194.94 | 3.25 | -0.59 |
| 1998/09/01 00:00:00 | 194.75 | 5.01  | 207.4  | 2.69 | -0.42 |
| 1998/09/01 01:00:00 | 309.5  | 5.34  | 290.93 | 3.08 | -0.36 |
| 1998/09/01 02:00:00 | 370.3  | 6.83  | 323.31 | 3.87 | 0.8   |
| 1998/09/01 03:00:00 | 228.9  | 5.24  | 212.9  | 3    | 2.43  |
| 1998/09/01 04:00:00 | 153.28 | 5.74  | 126.79 | 1.95 | 3.01  |
| 1998/09/01 05:00:00 | 243.25 | 5.54  | 259.08 | 2.77 | 1.87  |
| 1998/09/01 06:00:00 | 331.43 | 3.81  | 355.21 | 3.03 | 4.63  |
| 1998/09/01 07:00:00 | 378.53 | 7.68  | 381.33 | 3.81 | 0.6   |
| 1998/09/01 08:00:00 | 411.91 | 6.91  | 376.63 | 3.23 | 0.12  |
| 1998/09/01 09:00:00 | 386.73 | 5.01  | 344.1  | 2.79 | -0.58 |
| 1998/09/01 10:00:00 | 292.6  | 6.65  | 337.64 | 3.62 | -1.28 |
| 1998/09/01 11:00:00 | 304.85 | 5.59  | 345.56 | 4.07 | -2.34 |
| 1998/09/01 12:00:00 | 374.46 | 4.36  | 345.37 | 3.79 | -2.35 |
| 1998/09/01 13:00:00 | 258.46 | 5.2   | 260.17 | 3.89 | -2.91 |
| 1998/09/01 14:00:00 | 325.04 | 5.46  | 366.53 | 3.87 | -2.48 |
| 1998/09/01 15:00:00 | 419.01 | 5.6   | 393.74 | 4.25 | -1.73 |
| 1998/09/01 16:00:00 | 382.91 | 8.21  | 380.51 | 5.66 | -1.68 |
| 1998/09/01 17:00:00 | 398.19 | 7.76  | 393.44 | 5.71 | -2.24 |
| 1998/09/01 18:00:00 | 407.6  | 7.55  | 406.14 | 5.09 | -2.09 |
| 1998/09/01 19:00:00 | 420.86 | 6.05  | 401.97 | 3.23 | -1.25 |
| 1998/09/01 20:00:00 | 398.05 | 6.73  | 394.42 | 2.44 | 2     |
| 1998/09/01 21:00:00 | 409.2  | 7.75  | 407.23 | 2.3  | 2.13  |
| 1998/09/01 22:00:00 | 415.88 | 7.97  | 332.24 | 2.46 | 2.01  |
| 1998/09/01 23:00:00 | 449.83 | 8.36  | 360.96 | 2.41 | 0.48  |
| 1998/09/02 00:00:00 | 452.49 | 9.25  | 392.8  | 3.17 | 0.28  |
| 1998/09/02 01:00:00 | 107.73 | 9.1   | 380.8  | 3.28 | 0.29  |
| 1998/09/02 02:00:00 | 71.55  | 7.5   | 392.2  | 2.96 | 0.29  |
| 1998/09/02 03:00:00 | 56.84  | 6.59  | 389.2  | 2.61 | 0.63  |
| 1998/09/02 04:00:00 | 50.46  | 7.44  | 396.45 | 2.9  | 0.8   |
| 1998/09/02 05:00:00 | 37.48  | 7.17  | 392.49 | 3    | 0.9   |
| 1998/09/02 06:00:00 | 286.25 | 6.79  | 384.1  | 2.41 | 0.87  |
| 1998/09/02 07:00:00 | 375.92 | 8.28  | 379.94 | 3.34 | 1.16  |
| 1998/09/02 08:00:00 | 382.33 | 8.56  | 385.42 | 4.09 | 0.63  |
| 1998/09/02 09:00:00 | 387.27 | 7.08  | 389    | 4.39 | -0.98 |
| 1998/09/02 10:00:00 | 383.4  | 6.98  | 382.2  | 5.02 | -1.46 |
| 1998/09/02 11:00:00 | 397.84 | 10.29 | 388.86 | 7.4  | -1.98 |
| 1998/09/02 12:00:00 | 393.7  | 12    | 391.15 | 8.17 | -2.17 |
| 1998/09/02 13:00:00 | 394.21 | 11.58 | 390.84 | 8.02 | -2.33 |
| 1998/09/02 14:00:00 | 379.68 | 10.09 | 376.72 | 7.3  | -2    |
| 1998/09/02 15:00:00 | 348.81 | 9.09  | 355.93 | 6.36 | -2.09 |
| 1998/09/02 16:00:00 | 342.03 | 9.71  | 350.12 | 6.8  | -2.2  |
| 1998/09/02 17:00:00 | 342.94 | 7.96  | 353.77 | 5.57 | -1.95 |
| 1998/09/02 18:00:00 | 342.26 | 7.18  | 359.74 | 4.6  | -1.61 |
| 1998/09/02 19:00:00 | 345.37 | 7.13  | 355.88 | 3.84 | -0.87 |
| 1998/09/02 20:00:00 | 345    | 8.44  | 354.02 | 3.07 | 0.62  |
| 1998/09/02 21:00:00 | 349.57 | 8.58  | 371.88 | 2.87 | 1.41  |
| 1998/09/02 22:00:00 | 363.17 | 7.93  | 376.13 | 2.18 | 2.59  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/09/02 23:00:00 | 374.82 | 7.73  | 375.75 | 2.36 | 3.43  |
| 1998/09/03 00:00:00 | 366.9  | 6.29  | 394.06 | 2.02 | 6.18  |
| 1998/09/03 01:00:00 | 349.1  | 6.58  | 371.95 | 2.35 | 5.47  |
| 1998/09/03 02:00:00 | 344.16 | 7.63  | 371.28 | 2.34 | 2.93  |
| 1998/09/03 03:00:00 | 338.43 | 8.28  | 352.84 | 2.92 | 1.89  |
| 1998/09/03 04:00:00 | 330.49 | 8.05  | 355.98 | 2.63 | 2.04  |
| 1998/09/03 05:00:00 | 334.38 | 7.17  | 380.15 | 2.35 | 2.15  |
| 1998/09/03 06:00:00 | 345.09 | 6.9   | 392.2  | 2.35 | 2.45  |
| 1998/09/03 07:00:00 | 365.26 | 6.26  | 408.68 | 1.68 | 3.61  |
| 1998/09/03 08:00:00 | 373.77 | 5.49  | 376.12 | 1.18 | 4.92  |
| 1998/09/03 09:00:00 | 318.25 | 2.12  | 266.83 | 2    | 0.15  |
| 1998/09/03 10:00:00 | 273.03 | 2.56  | 256.63 | 2.68 | -0.96 |
| 1998/09/03 11:00:00 | 264.76 | 3.98  | 261.33 | 4    | -2.29 |
| 1998/09/03 12:00:00 | 301.81 | 5.62  | 307.46 | 4.52 | -2.8  |
| 1998/09/03 13:00:00 | 316.15 | 7.27  | 318.8  | 5.38 | -3.19 |
| 1998/09/03 14:00:00 | 295.54 | 6.15  | 300.6  | 4.93 | -3.11 |
| 1998/09/03 15:00:00 | 324.21 | 6.58  | 340.32 | 4.97 | -2.67 |
| 1998/09/03 16:00:00 | 320.78 | 6.15  | 315.74 | 4.13 | -3.28 |
| 1998/09/03 17:00:00 | 328.29 | 5.8   | 335.45 | 4.34 | -2.54 |
| 1998/09/03 18:00:00 | 369.01 | 5.09  | 377.73 | 3.83 | -1.71 |
| 1998/09/03 19:00:00 | 375.05 | 3.24  | 390.85 | 2.14 | 0.8   |
| 1998/09/03 20:00:00 | 382.96 | 3.15  | 408.68 | 2.87 | 7.43  |
| 1998/09/03 21:00:00 | 399.85 | 3.21  | 410.56 | 3.01 | 10.96 |
| 1998/09/03 22:00:00 | 420.87 | 3.37  | 412.97 | 2.92 | 12.58 |
| 1998/09/03 23:00:00 | 451.36 | 3.36  | 416.87 | 2.17 | 13.72 |
| 1998/09/04 00:00:00 | 162.17 | 2.37  | 416.7  | 2.88 | 14.52 |
| 1998/09/04 01:00:00 | 115.43 | 2.9   | 106.69 | 2.11 | 14.71 |
| 1998/09/04 02:00:00 | 85.41  | 5.45  | 320.16 | 1.74 | 13.07 |
| 1998/09/04 03:00:00 | 270.65 | 4.18  | 137.99 | 1.43 | 11.21 |
| 1998/09/04 04:00:00 | 460.49 | 5.87  | 310.8  | 1.7  | 9.65  |
| 1998/09/04 05:00:00 | 454.8  | 7.44  | 432.46 | 1.61 | 6.15  |
| 1998/09/04 06:00:00 | 469.27 | 6.8   | 377.95 | 1.78 | 7.08  |
| 1998/09/04 07:00:00 | 462.51 | 5.03  | 403.37 | 1.51 | 6.48  |
| 1998/09/04 08:00:00 | 459.02 | 5.11  | 372.04 | 2.26 | 7.59  |
| 1998/09/04 09:00:00 | 457.73 | 3.59  | 174    | 1.58 | 0.8   |
| 1998/09/04 10:00:00 | 225.83 | 2.72  | 202.05 | 2.44 | -1.3  |
| 1998/09/04 11:00:00 | 205.91 | 2.85  | 212.51 | 2.92 | -2.66 |
| 1998/09/04 12:00:00 | 232.96 | 3.45  | 251.66 | 3.45 | -2.84 |
| 1998/09/04 13:00:00 | 255.56 | 3.19  | 266.35 | 3.3  | -2.49 |
| 1998/09/04 14:00:00 | 225.72 | 4.37  | 233.6  | 3.98 | -2.89 |
| 1998/09/04 15:00:00 | 300.11 | 6.21  | 306.2  | 4.51 | -3.6  |
| 1998/09/04 16:00:00 | 314.54 | 6.82  | 314.52 | 4.99 | -3.25 |
| 1998/09/04 17:00:00 | 321.29 | 7.97  | 324.1  | 5.15 | -2.88 |
| 1998/09/04 18:00:00 | 327.04 | 7.09  | 331.22 | 4.39 | -2.01 |
| 1998/09/04 19:00:00 | 343    | 6.17  | 370.67 | 2.95 | 0.11  |
| 1998/09/04 20:00:00 | 341.45 | 3.62  | 397.71 | 1.77 | 4.64  |
| 1998/09/04 21:00:00 | 387.7  | 3.94  | 423.4  | 2.47 | 7.77  |
| 1998/09/04 22:00:00 | 451.14 | 9.94  | 405.19 | 2.7  | 7.02  |
| 1998/09/04 23:00:00 | 454.89 | 10.33 | 319.26 | 2.58 | 5.75  |
| 1998/09/05 00:00:00 | 252.73 | 10.61 | 337.86 | 3.04 | 1.54  |
| 1998/09/05 01:00:00 | 138.33 | 10.5  | 287.8  | 3.25 | 1.6   |
| 1998/09/05 02:00:00 | 139.61 | 9.44  | 173.88 | 3.04 | 1.2   |
| 1998/09/05 03:00:00 | 176.27 | 7.51  | 194.46 | 2.35 | 1.4   |
| 1998/09/05 04:00:00 | 162.41 | 5.75  | 389.25 | 2.14 | 2.98  |
| 1998/09/05 05:00:00 | 155.94 | 7.07  | 90.58  | 2.34 | 4.47  |
| 1998/09/05 06:00:00 | 177.77 | 6.23  | 234.11 | 1.98 | 5.82  |

## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/09/05 07:00:00 | 120.05 | 7.09 | 444.47 | 2.57 | 5.17  |
| 1998/09/05 08:00:00 | 110.03 | 7.43 | 383.71 | 3.29 | 4.81  |
| 1998/09/05 09:00:00 | 104.49 | 4.79 | 350.43 | 2    | 0.08  |
| 1998/09/05 10:00:00 | 219.33 | 2.84 | 148.44 | 2.95 | -0.32 |
| 1998/09/05 11:00:00 | 245.27 | 3.42 | 265.29 | 3.29 | -1.57 |
| 1998/09/05 12:00:00 | 316.9  | 3.95 | 323.42 | 3.55 | -2.66 |
| 1998/09/05 13:00:00 | 340.88 | 5.07 | 312.14 | 4.12 | -2.73 |
| 1998/09/05 14:00:00 | 271.11 | 6.18 | 345.69 | 4.72 | -2.56 |
| 1998/09/05 15:00:00 | 281.6  | 7.67 | 289.69 | 5.44 | -2.18 |
| 1998/09/05 16:00:00 | 423.21 | 7.38 | 394.54 | 5.3  | -2.38 |
| 1998/09/05 17:00:00 | 153.39 | 6.94 | 246.97 | 4.64 | -2.39 |
| 1998/09/05 18:00:00 | 146.73 | 5    | 307.18 | 3.29 | -1.94 |
| 1998/09/05 19:00:00 | 95.88  | 4.3  | 402.5  | 1.99 | -0.69 |
| 1998/09/05 20:00:00 | 85.33  | 7.04 | 400.41 | 2.49 | 3.03  |
| 1998/09/05 21:00:00 | 97.93  | 7.7  | 395.9  | 2.73 | 4.73  |
| 1998/09/05 22:00:00 | 112.53 | 7.51 | 315.24 | 2.1  | 5.15  |
| 1998/09/05 23:00:00 | 139.32 | 6.58 | 227.64 | 2.15 | 4.18  |
| 1998/09/06 00:00:00 | 159.16 | 4.55 | 336.03 | 1.92 | 2     |
| 1998/09/06 01:00:00 | 143.21 | 6.45 | 250.53 | 2.26 | 2.5   |
| 1998/09/06 02:00:00 | 176.37 | 3.19 | 332.7  | 1.21 | 2.79  |
| 1998/09/06 03:00:00 | 170.74 | 2.56 | 292.16 | 1.8  | 4.31  |
| 1998/09/06 04:00:00 | 161.98 | 3.11 | 307.94 | 1.85 | 4.97  |
| 1998/09/06 05:00:00 | 139.09 | 3.79 | 196.04 | 1.58 | 4.42  |
| 1998/09/06 06:00:00 | 100.03 | 3.71 | 171.3  | 1.66 | 4.19  |
| 1998/09/06 07:00:00 | 56.5   | 4.69 | 335.69 | 2.52 | 4.34  |
| 1998/09/06 08:00:00 | 47.73  | 5.25 | 414.32 | 2.23 | 4.72  |
| 1998/09/06 09:00:00 | 307.13 | 4.18 | 382.13 | 1.92 | -0.01 |
| 1998/09/06 10:00:00 | 399.36 | 4.53 | 397.61 | 3.23 | -1.62 |
| 1998/09/06 11:00:00 | 405.16 | 5.14 | 402.27 | 4.01 | -1.99 |
| 1998/09/06 12:00:00 | 430.15 | 5.56 | 331.62 | 4.07 | -2.68 |
| 1998/09/06 13:00:00 | 360.26 | 5    | 320.23 | 3.95 | -2.37 |
| 1998/09/06 14:00:00 | 304.48 | 5.23 | 329.22 | 3.56 | -1.76 |
| 1998/09/06 15:00:00 | 166.04 | 5.07 | 164.07 | 3.57 | -1.53 |
| 1998/09/06 16:00:00 | 121.05 | 4.43 | 313.58 | 3.15 | -1.55 |
| 1998/09/06 17:00:00 | 183.96 | 4.31 | 202.43 | 2.81 | -1.42 |
| 1998/09/06 18:00:00 | 230.29 | 3.24 | 231.88 | 2.19 | -1.12 |
| 1998/09/06 19:00:00 | 168.93 | 4.47 | 186.07 | 2.64 | -0.32 |
| 1998/09/06 20:00:00 | 167.36 | 4.46 | 245.46 | 1.75 | 1.16  |
| 1998/09/06 21:00:00 | 193.85 | 3.38 | 407.87 | 1.93 | 3.19  |
| 1998/09/06 22:00:00 | 240.55 | 2.74 | 385.21 | 1.98 | 3.64  |
| 1998/09/06 23:00:00 | 149.51 | 3.17 | 450.62 | 1.74 | 4.02  |
| 1998/09/07 00:00:00 | 115.92 | 6.21 | 457.3  | 1.66 | 3.15  |
| 1998/09/07 01:00:00 | 127.76 | 6.11 | 130.18 | 2.27 | 2.94  |
| 1998/09/07 02:00:00 | 105.69 | 4.58 | 128.61 | 2.04 | 2.72  |
| 1998/09/07 03:00:00 | 118.84 | 3.57 | 73.11  | 2.48 | 3.55  |
| 1998/09/07 04:00:00 | 287.63 | 1.94 | 367.03 | 1.83 | 3.76  |
| 1998/09/07 05:00:00 | 271.45 | 1.8  | 389.74 | 1.36 | 3.74  |
| 1998/09/07 06:00:00 | 345.28 | 4.3  | 405.33 | 2.26 | 2.53  |
| 1998/09/07 07:00:00 | 394.41 | 6.02 | 272.08 | 1.93 | 2.23  |
| 1998/09/07 08:00:00 | 427.59 | 7.55 | 262.97 | 2.11 | 1.95  |
| 1998/09/07 09:00:00 | 381.38 | 3.21 | 352.54 | 1.97 | -0.71 |
| 1998/09/07 10:00:00 | 386.31 | 4.49 | 361.58 | 3.05 | -1.49 |
| 1998/09/07 11:00:00 | 362.7  | 4.73 | 370.26 | 3.69 | -1.87 |
| 1998/09/07 12:00:00 | 315    | 5.11 | 344.8  | 3.98 | -2.68 |
| 1998/09/07 13:00:00 | 342.39 | 5.4  | 350.73 | 4.35 | -2.03 |
| 1998/09/07 14:00:00 | 331.28 | 5    | 335.9  | 4.51 | -2.51 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/09/07 15:00:00 | 314.99 | 6.43  | 316.97 | 4.49 | -2.45 |
| 1998/09/07 16:00:00 | 316.51 | 5.85  | 327.62 | 4.32 | -2.23 |
| 1998/09/07 17:00:00 | 287    | 5.69  | 287.54 | 3.98 | -2.87 |
| 1998/09/07 18:00:00 | 177.97 | 14.57 | 172.31 | 8.16 | -0.91 |
| 1998/09/07 19:00:00 | 177.56 | 7.15  | 157.29 | 3.82 | -0.61 |
| 1998/09/07 20:00:00 | 156.25 | 8.12  | 174.35 | 2.82 | 1.41  |
| 1998/09/07 21:00:00 | 191.22 | 5.21  | 283.36 | 1.93 | 1.74  |
| 1998/09/07 22:00:00 | 206.24 | 7.87  | 218.87 | 2.38 | 2.14  |
| 1998/09/07 23:00:00 | 203    | 8.05  | 193.18 | 3.24 | 1.08  |
| 1998/09/08 00:00:00 | 196.01 | 7.29  | 177.87 | 3.25 | 0.78  |
| 1998/09/08 01:00:00 | 190.25 | 6.89  | 164.61 | 2.78 | 0.56  |
| 1998/09/08 02:00:00 | 180.92 | 3.2   | 355.13 | 1.87 | 0.19  |
| 1998/09/08 03:00:00 | 15.82  | NaN   | 150.91 | 3.64 | NaN   |
| 1998/09/08 04:00:00 | NaN    | NaN   | 142.23 | 3.96 | NaN   |
| 1998/09/08 05:00:00 | 194.69 | 4.74  | 369.47 | 2.22 | 1.95  |
| 1998/09/08 06:00:00 | 238.16 | 2.01  | 416.27 | 2.07 | 2.46  |
| 1998/09/08 07:00:00 | 377.73 | 1.04  | 428.49 | 1.69 | 3.23  |
| 1998/09/08 08:00:00 | 449.41 | 2.63  | 417.03 | 1.52 | 2.93  |
| 1998/09/08 09:00:00 | 397.68 | 2.15  | 226.83 | 1.59 | 0.79  |
| 1998/09/08 10:00:00 | 229.32 | 3.03  | 231.03 | 2.81 | -1.16 |
| 1998/09/08 11:00:00 | 290.26 | 3.87  | 292.47 | 3.13 | -2.59 |
| 1998/09/08 12:00:00 | 268.34 | 3.39  | 251.84 | 2.78 | -2.37 |
| 1998/09/08 13:00:00 | 259.05 | 4.4   | 270.59 | 3.6  | -2.9  |
| 1998/09/08 14:00:00 | 210.57 | 18.52 | 278.49 | 3.41 | -2.9  |
| 1998/09/08 15:00:00 | 219.7  | 23    | 297.06 | 4.11 | -3.41 |
| 1998/09/08 16:00:00 | 278.03 | 4.3   | 287.66 | 3.49 | -3.18 |
| 1998/09/08 17:00:00 | 279.29 | 3.79  | 284.16 | 3.29 | -2.54 |
| 1998/09/08 18:00:00 | 319.67 | 4.77  | 330.79 | 3.09 | -1.59 |
| 1998/09/08 19:00:00 | 347.63 | 5.48  | 388.81 | 2.14 | 1.45  |
| 1998/09/08 20:00:00 | 377.55 | 6.05  | 408.44 | 2.71 | 5.35  |
| 1998/09/08 21:00:00 | 400.91 | 7.68  | 417.71 | 2.94 | 7.62  |
| 1998/09/08 22:00:00 | 404.19 | 6.83  | 420.01 | 2.39 | 7.36  |
| 1998/09/08 23:00:00 | 381.96 | 6.86  | 367.83 | 2.75 | 6.48  |
| 1998/09/09 00:00:00 | 422.49 | 6.36  | 403.15 | 2.93 | 2.05  |
| 1998/09/09 01:00:00 | 396.72 | 6.6   | 390.95 | 2.76 | 2.22  |
| 1998/09/09 02:00:00 | 378.61 | 8.85  | 376.82 | 3.83 | 0.3   |
| 1998/09/09 03:00:00 | 378.32 | 8.76  | 378.96 | 3.7  | 0.37  |
| 1998/09/09 04:00:00 | 381.99 | 8.09  | 381.37 | 3.82 | 0.04  |
| 1998/09/09 05:00:00 | 384.8  | 8.87  | 387.75 | 4.52 | 0     |
| 1998/09/09 06:00:00 | 391.97 | 10.05 | 392.09 | 5.51 | -0.2  |
| 1998/09/09 07:00:00 | 395.27 | 9.26  | 389.64 | 4.71 | -0.18 |
| 1998/09/09 08:00:00 | 395.65 | 7.89  | 389.83 | 3.91 | -0.45 |
| 1998/09/09 09:00:00 | 402.16 | 8.45  | 340.72 | 5.74 | -1.31 |
| 1998/09/09 10:00:00 | 404.68 | 9.3   | 395.19 | NaN  | -1.34 |
| 1998/09/09 11:00:00 | 405.06 | 8.71  | 248.33 | NaN  | -1.86 |
| 1998/09/09 12:00:00 | 386.68 | 9.71  | 347.26 | NaN  | -2.03 |
| 1998/09/09 13:00:00 | 375.83 | NaN   | 381.2  | NaN  | NaN   |
| 1998/09/09 14:00:00 | 375.83 | NaN   | 381.51 | NaN  | NaN   |
| 1998/09/09 15:00:00 | 380.97 | 11.37 | 336.59 | NaN  | -2.3  |
| 1998/09/09 16:00:00 | 386.61 | 11.97 | 388.99 | NaN  | -1.61 |
| 1998/09/09 17:00:00 | 193.79 | 7.53  | 369.59 | NaN  | -1.19 |
| 1998/09/09 18:00:00 | 318.39 | 8.39  | 306.91 | 4.93 | -0.67 |
| 1998/09/09 19:00:00 | 394.99 | 7.33  | 330.26 | 3.32 | 0.04  |
| 1998/09/09 20:00:00 | 410.54 | 7.21  | 407.35 | 2.41 | 1.89  |
| 1998/09/09 21:00:00 | 419.15 | 7.61  | 408.22 | 2.31 | 1.81  |
| 1998/09/09 22:00:00 | 419.02 | 7.35  | 399.94 | 2.35 | 2.12  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/09/09 23:00:00 | 413.12 | 7.2   | 393.35 | 2.08 | 3.33  |
| 1998/09/10 00:00:00 | 400.11 | 6.93  | 382.61 | 2.19 | 3.15  |
| 1998/09/10 01:00:00 | 389.8  | 8.78  | 389.79 | 3.75 | 0.9   |
| 1998/09/10 02:00:00 | 400.86 | 10.53 | 402.37 | 5.53 | -0.02 |
| 1998/09/10 03:00:00 | 410.24 | 11.7  | 405.84 | 5.9  | -0.13 |
| 1998/09/10 04:00:00 | 419.81 | 11.95 | 390.57 | 5.94 | -0.19 |
| 1998/09/10 05:00:00 | NaN    | NaN   | 407.65 | NaN  | NaN   |
| 1998/09/10 06:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/09/10 07:00:00 | 426.66 | 11.21 | 406.84 | 5.7  | -0.61 |
| 1998/09/10 08:00:00 | 428.42 | 10.24 | 406.6  | 5.08 | -0.8  |
| 1998/09/10 09:00:00 | 428.19 | 11.01 | 410.96 | 5.81 | -1.03 |
| 1998/09/10 10:00:00 | 427.08 | 9.89  | 405.16 | 5.5  | NaN   |
| 1998/09/10 11:00:00 | 425.17 | 9.95  | 400.44 | 5.66 | -3.18 |
| 1998/09/10 12:00:00 | 430.78 | 9.99  | 393.82 | 5.76 | NaN   |
| 1998/09/10 13:00:00 | 403.16 | 11.43 | 403.27 | 6.53 | NaN   |
| 1998/09/10 14:00:00 | 439.38 | 12.87 | 346.35 | 6.91 | NaN   |
| 1998/09/10 15:00:00 | 346.78 | 10.27 | 367.95 | 5.33 | NaN   |
| 1998/09/10 16:00:00 | 398.64 | 9.74  | 399.41 | 5.47 | 0.86  |
| 1998/09/10 17:00:00 | 434.72 | 10.72 | 406.72 | 5.59 | -1.18 |
| 1998/09/10 18:00:00 | 419.6  | 7.78  | 413.33 | 4.15 | -0.71 |
| 1998/09/10 19:00:00 | 325.4  | 7.88  | 389.61 | 4.59 | -0.4  |
| 1998/09/10 20:00:00 | 421.08 | 7.05  | 401.95 | 3.03 | -0.37 |
| 1998/09/10 21:00:00 | 433.98 | 8.05  | 401.28 | 3.48 | -0.46 |
| 1998/09/10 22:00:00 | 423.08 | 8.79  | 404.63 | 3.85 | -0.49 |
| 1998/09/10 23:00:00 | 411.76 | 10.67 | 402.98 | 5.57 | -0.61 |
| 1998/09/11 00:00:00 | 419.16 | 11.48 | 383.23 | 6.25 | -0.56 |
| 1998/09/11 01:00:00 | 427.12 | 9.88  | 389.6  | 4.72 | -0.56 |
| 1998/09/11 02:00:00 | 440.16 | 8.82  | 373.13 | 3.31 | 0.68  |
| 1998/09/11 03:00:00 | 430.78 | 10.67 | 411.28 | 4.93 | 1.06  |
| 1998/09/11 04:00:00 | 432.69 | 10.58 | 385.64 | 5.12 | 0.92  |
| 1998/09/11 05:00:00 | 428.32 | 11.91 | 391.34 | 6.26 | 0.59  |
| 1998/09/11 06:00:00 | 428.31 | 11.15 | 407.54 | 5.77 | 1.41  |
| 1998/09/11 07:00:00 | 424.74 | 9.24  | 414.28 | 4.54 | 1.67  |
| 1998/09/11 08:00:00 | 416.13 | 8.37  | 384.73 | 4.35 | 1.68  |
| 1998/09/11 09:00:00 | 420.19 | 10.32 | 411.51 | 5.75 | 1.97  |
| 1998/09/11 10:00:00 | 418.52 | 11.22 | 383.01 | 6.44 | 2.34  |
| 1998/09/11 11:00:00 | 424.26 | 11.7  | 416.3  | 6.7  | 2.07  |
| 1998/09/11 12:00:00 | 397.69 | 13.07 | 416.38 | 6.57 | 2.39  |
| 1998/09/11 13:00:00 | 396.54 | 13.06 | 370.18 | 6.81 | 2.62  |
| 1998/09/11 14:00:00 | 365.73 | 11.88 | 412.77 | 6.18 | 2.84  |
| 1998/09/11 15:00:00 | 426.83 | 12.03 | 416.1  | 6.81 | 2.6   |
| 1998/09/11 16:00:00 | 427.2  | 12.88 | 402.59 | 7.05 | 2.37  |
| 1998/09/11 17:00:00 | 417.98 | 14.34 | 410.83 | 8.25 | 2.23  |
| 1998/09/11 18:00:00 | 417.18 | 13.5  | 411.87 | 7.81 | 2.24  |
| 1998/09/11 19:00:00 | 416.69 | 13.57 | 409.28 | 8    | 1.92  |
| 1998/09/11 20:00:00 | 423.41 | 13.97 | 413.64 | 7.51 | 1.92  |
| 1998/09/11 21:00:00 | 426.02 | 14.73 | 408.9  | 7.94 | 1.78  |
| 1998/09/11 22:00:00 | 428.74 | 15.08 | 397.28 | 7.75 | 1.72  |
| 1998/09/11 23:00:00 | 431.44 | 16.41 | 406.79 | 8.95 | 1.24  |
| 1998/09/12 00:00:00 | 431.44 | 15.62 | 382.01 | 7.95 | 0.91  |
| 1998/09/12 01:00:00 | 365.24 | 14.66 | 385.78 | 7.21 | 0.85  |
| 1998/09/12 02:00:00 | 436.36 | 15.16 | 407.84 | 7.36 | 0.78  |
| 1998/09/12 03:00:00 | 437.08 | 16.38 | 395.88 | 7.71 | 0.91  |
| 1998/09/12 04:00:00 | 365.44 | 16.89 | 371.37 | 8.35 | 0.89  |
| 1998/09/12 05:00:00 | 415.35 | 15.98 | 353.09 | 7.62 | 0.76  |
| 1998/09/12 06:00:00 | 428.83 | 13.77 | 370.61 | 6.69 | 0.55  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/09/12 07:00:00 | 88.79  | 14.13 | 372.9  | 6.69 | 0.47  |
| 1998/09/12 08:00:00 | 83.91  | 13.31 | 327.68 | 6.47 | 0.63  |
| 1998/09/12 09:00:00 | 315.52 | 14.54 | 324.8  | 6.9  | 1.55  |
| 1998/09/12 10:00:00 | 444.5  | 15.24 | 326.7  | 7.39 | 2.52  |
| 1998/09/12 11:00:00 | 234.04 | 14.75 | 363.91 | 6.86 | 2.56  |
| 1998/09/12 12:00:00 | 275.86 | 14.17 | 301.48 | 6.63 | 2.49  |
| 1998/09/12 13:00:00 | 315.45 | 14.6  | 308.87 | 7.04 | 2.51  |
| 1998/09/12 14:00:00 | 338.77 | 14.85 | 318.21 | 7.05 | 2.69  |
| 1998/09/12 15:00:00 | 273.02 | 13.64 | 312.05 | 6.72 | 2.86  |
| 1998/09/12 16:00:00 | 232.25 | 13.64 | 292.27 | 6.46 | 2.51  |
| 1998/09/12 17:00:00 | 450.29 | 12.22 | 357.01 | 5.77 | 1.31  |
| 1998/09/12 18:00:00 | 216.14 | 12.18 | 375.71 | 5.7  | 0.76  |
| 1998/09/12 19:00:00 | 95.78  | 11.8  | 365.4  | 5.39 | 1.28  |
| 1998/09/12 20:00:00 | 349.68 | 11.65 | 361.27 | 5.45 | -0.27 |
| 1998/09/12 21:00:00 | 361.69 | 11.7  | 316.54 | 5.07 | -0.26 |
| 1998/09/12 22:00:00 | 198.8  | 11.09 | 278.24 | 4.8  | -0.23 |
| 1998/09/12 23:00:00 | 132.82 | 11.67 | 286.9  | 5.02 | -0.64 |
| 1998/09/13 00:00:00 | 120.89 | 10.41 | 332.3  | 4.64 | -1.06 |
| 1998/09/13 01:00:00 | 198.45 | 10.89 | 286.26 | 5.02 | -1.2  |
| 1998/09/13 02:00:00 | 96.6   | 10.74 | 316    | 4.65 | -1.2  |
| 1998/09/13 03:00:00 | 351.41 | 10.06 | 337.61 | 4.42 | -1.21 |
| 1998/09/13 04:00:00 | 186.08 | 9.51  | 298.77 | 3.87 | -1.27 |
| 1998/09/13 05:00:00 | 91.5   | 9.55  | 366.02 | 4.57 | -1.33 |
| 1998/09/13 06:00:00 | 334.66 | 10.6  | 362.1  | 4.7  | -1.31 |
| 1998/09/13 07:00:00 | 114.96 | 11.13 | 273.86 | 4.94 | -1.31 |
| 1998/09/13 08:00:00 | 188.24 | 10.62 | 230.04 | 4.8  | -1.17 |
| 1998/09/13 09:00:00 | 103.53 | 12.42 | 254.95 | 5.12 | -0.7  |
| 1998/09/13 10:00:00 | 84.36  | 11.93 | 386.7  | 5.81 | 0.44  |
| 1998/09/13 11:00:00 | 353.28 | 10.78 | 278.01 | 5.46 | -0.65 |
| 1998/09/13 12:00:00 | 278.82 | 10.17 | 276.61 | 5.12 | -0.98 |
| 1998/09/13 13:00:00 | 237.32 | 11.74 | 207.07 | 5.81 | -0.9  |
| 1998/09/13 14:00:00 | 232.03 | 8.6   | 158.32 | 4.6  | -0.76 |
| 1998/09/13 15:00:00 | 332.43 | 10    | 173.94 | 6.59 | -0.71 |
| 1998/09/13 16:00:00 | 119.22 | 13.64 | 178.54 | 7.46 | 0.49  |
| 1998/09/13 17:00:00 | 99.73  | 7.97  | 362.15 | 3.33 | -0.21 |
| 1998/09/13 18:00:00 | 119.26 | 6.64  | 322.64 | 2.72 | -0.62 |
| 1998/09/13 19:00:00 | 101.3  | 8.04  | 383.47 | 2.53 | -0.55 |
| 1998/09/13 20:00:00 | 99.65  | 8.36  | 376.84 | 3.11 | -0.51 |
| 1998/09/13 21:00:00 | 89.88  | 7.79  | 368.88 | 2.54 | -0.02 |
| 1998/09/13 22:00:00 | 85.48  | 8.23  | 409.16 | 2.81 | -0.43 |
| 1998/09/13 23:00:00 | 93.55  | 8.67  | 396.72 | 3.3  | -0.85 |
| 1998/09/14 00:00:00 | 161.64 | 8.16  | 243.54 | 3.14 | -0.83 |
| 1998/09/14 01:00:00 | 181.15 | 8.5   | 261.51 | 3.44 | -0.8  |
| 1998/09/14 02:00:00 | 101.45 | 8.23  | 350.28 | 3.04 | -0.83 |
| 1998/09/14 03:00:00 | 99.58  | 8.17  | 315.16 | 3.2  | -0.84 |
| 1998/09/14 04:00:00 | 141.97 | 7.96  | 323.3  | 3.34 | -0.85 |
| 1998/09/14 05:00:00 | 100.1  | 8.92  | 356.2  | 3.63 | -0.79 |
| 1998/09/14 06:00:00 | 95.84  | 8.14  | 345.51 | 3.5  | -0.8  |
| 1998/09/14 07:00:00 | 97.25  | 8.85  | 388.53 | 3.44 | -0.71 |
| 1998/09/14 08:00:00 | 94.84  | 7.72  | 389.04 | 3.41 | -0.8  |
| 1998/09/14 09:00:00 | 284.79 | 8.15  | 207.73 | 3.61 | -0.98 |
| 1998/09/14 10:00:00 | 156.21 | 9.55  | 194.89 | 4.9  | -0.98 |
| 1998/09/14 11:00:00 | 180.76 | 9.25  | 153.59 | 4.96 | -0.89 |
| 1998/09/14 12:00:00 | 212.29 | 9.26  | 161.62 | 5    | -0.83 |
| 1998/09/14 13:00:00 | 330.54 | 6.82  | 166.21 | 4.01 | -0.67 |
| 1998/09/14 14:00:00 | 170.44 | 8.01  | 172.98 | 4.63 | -0.74 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/09/14 15:00:00 | 170.93 | 8.55  | 157.65 | 4.87 | -0.67 |
| 1998/09/14 16:00:00 | 129.05 | 10.3  | 170.18 | 5.58 | -0.78 |
| 1998/09/14 17:00:00 | 127.27 | 9.13  | 151.44 | 5.08 | -0.63 |
| 1998/09/14 18:00:00 | 118.39 | 7.28  | 211.67 | 3.53 | -0.39 |
| 1998/09/14 19:00:00 | 110.83 | 5.91  | 399.24 | 1.86 | 0.48  |
| 1998/09/14 20:00:00 | 106.28 | 6.18  | 395.17 | 2.07 | 0.69  |
| 1998/09/14 21:00:00 | 106.26 | 7.07  | 345.69 | 1.99 | 0.73  |
| 1998/09/14 22:00:00 | 104.06 | 7.58  | 380.9  | 2.94 | 0.31  |
| 1998/09/14 23:00:00 | 95.52  | 8.45  | 418.25 | 3.15 | -0.01 |
| 1998/09/15 00:00:00 | 88.79  | 9.26  | 386.85 | 3.38 | -0.32 |
| 1998/09/15 01:00:00 | 89.98  | 7.79  | 362.22 | 2.57 | -0.34 |
| 1998/09/15 02:00:00 | 86.95  | 9.45  | 411.65 | 3.68 | -0.36 |
| 1998/09/15 03:00:00 | 89.31  | 9.82  | 388.24 | 3.72 | -0.36 |
| 1998/09/15 04:00:00 | 97.08  | 8.54  | 349.56 | 3.77 | -0.41 |
| 1998/09/15 05:00:00 | 91.16  | 6.85  | 378.9  | 3.06 | -0.54 |
| 1998/09/15 06:00:00 | 77.65  | 6.94  | 413.42 | 3.2  | -0.73 |
| 1998/09/15 07:00:00 | 76.85  | 6.99  | 376.22 | 2.85 | -0.8  |
| 1998/09/15 08:00:00 | 163.22 | 6.07  | 390.32 | 2.17 | -0.97 |
| 1998/09/15 09:00:00 | 436.16 | 6.13  | 402.39 | 2.63 | -0.76 |
| 1998/09/15 10:00:00 | 121.76 | 6.8   | 338.46 | 4.36 | -1.11 |
| 1998/09/15 11:00:00 | 201.44 | 8.35  | 183.56 | 5.61 | -1.35 |
| 1998/09/15 12:00:00 | 170.77 | 6.52  | 248.53 | 4.46 | -0.76 |
| 1998/09/15 13:00:00 | 191.8  | 6.28  | 255.29 | 3.86 | -0.65 |
| 1998/09/15 14:00:00 | 179.37 | 6.56  | 284.71 | 4.73 | -0.37 |
| 1998/09/15 15:00:00 | 279.24 | 6.74  | 203.22 | 4.68 | -0.49 |
| 1998/09/15 16:00:00 | 267.88 | 6.65  | 260.91 | 4.54 | -0.68 |
| 1998/09/15 17:00:00 | 240.12 | 7.03  | 305.72 | 4.94 | -0.83 |
| 1998/09/15 18:00:00 | 422.75 | 6.04  | 418.48 | 3.09 | -0.19 |
| 1998/09/15 19:00:00 | 404.04 | 6.15  | 402.2  | 2.41 | 1.71  |
| 1998/09/15 20:00:00 | 400.18 | 8.23  | 405.61 | 2.72 | 2.19  |
| 1998/09/15 21:00:00 | 405.28 | 8.66  | 409.16 | 2.81 | 1.59  |
| 1998/09/15 22:00:00 | 410.78 | 7.83  | 414.94 | 2.41 | 1.47  |
| 1998/09/15 23:00:00 | 408.56 | 7.38  | 421.92 | 1.95 | 2.3   |
| 1998/09/16 00:00:00 | 434.59 | 10.17 | 395.85 | 3.66 | 0.45  |
| 1998/09/16 01:00:00 | 450.23 | 8.4   | 366.79 | 2.88 | -0.27 |
| 1998/09/16 02:00:00 | 458.41 | 7.42  | 403.27 | 2.76 | -0.15 |
| 1998/09/16 03:00:00 | 460.04 | 6.8   | 376.01 | 2.24 | -0.15 |
| 1998/09/16 04:00:00 | 446.67 | 7.18  | 399.7  | 2.57 | -0.16 |
| 1998/09/16 05:00:00 | 427.73 | 6.42  | 387.34 | 2.43 | -0.51 |
| 1998/09/16 06:00:00 | 427.1  | 8.33  | 343.61 | 3.28 | -0.77 |
| 1998/09/16 07:00:00 | 447.35 | 8.75  | 392.79 | 4.04 | -0.68 |
| 1998/09/16 08:00:00 | 443.68 | 6.81  | 399.4  | 3.61 | -0.58 |
| 1998/09/16 09:00:00 | 382.34 | 7     | 399.64 | 4.34 | -0.89 |
| 1998/09/16 10:00:00 | 434.32 | 7.15  | 356.16 | 5.31 | -1.31 |
| 1998/09/16 11:00:00 | 212.82 | 6.95  | 227.56 | 5.06 | -0.91 |
| 1998/09/16 12:00:00 | 187.94 | 6.56  | 289.3  | 4.38 | -0.47 |
| 1998/09/16 13:00:00 | 284.35 | 6.03  | 256.95 | 4.61 | -0.4  |
| 1998/09/16 14:00:00 | 274.08 | 6.54  | 364.79 | 4.16 | -0.45 |
| 1998/09/16 15:00:00 | 319.74 | 5.98  | 346.53 | NaN  | -0.16 |
| 1998/09/16 16:00:00 | 418.71 | 5.96  | 413.11 | NaN  | -0.42 |
| 1998/09/16 17:00:00 | 368.57 | 7.15  | 379.25 | NaN  | 3.05  |
| 1998/09/16 18:00:00 | 352.23 | 6.25  | 381.2  | NaN  | 0.55  |
| 1998/09/16 19:00:00 | 351.45 | 8.49  | 380.28 | NaN  | 1.47  |
| 1998/09/16 20:00:00 | 367.97 | 8.57  | 390.11 | NaN  | 1.96  |
| 1998/09/16 21:00:00 | 372.73 | 7.89  | 388.24 | NaN  | 2.25  |
| 1998/09/16 22:00:00 | 376.47 | 8.98  | 391.82 | NaN  | 1.76  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/09/16 23:00:00 | 387.54 | 8.4   | 381.76 | NaN  | 2.16  |
| 1998/09/17 00:00:00 | 384.78 | 9.48  | 386.01 | NaN  | 1.01  |
| 1998/09/17 01:00:00 | 366.1  | 8.95  | 365.7  | NaN  | 0.41  |
| 1998/09/17 02:00:00 | 376.67 | 9.19  | 389.23 | NaN  | -0.47 |
| 1998/09/17 03:00:00 | 399.04 | 7.97  | 401.24 | NaN  | -0.59 |
| 1998/09/17 04:00:00 | 393.2  | 6.34  | 376.24 | NaN  | -0.37 |
| 1998/09/17 05:00:00 | 368.88 | 5.59  | 361.82 | NaN  | -0.72 |
| 1998/09/17 06:00:00 | 396.72 | 6.46  | 321.07 | NaN  | -1.32 |
| 1998/09/17 07:00:00 | 407.86 | 6.67  | 324.12 | NaN  | -1.32 |
| 1998/09/17 08:00:00 | 415.49 | 7.3   | 384.77 | NaN  | -1.03 |
| 1998/09/17 09:00:00 | 408.04 | 3.12  | 324.39 | NaN  | -0.58 |
| 1998/09/17 10:00:00 | 392.11 | 25.16 | 361.53 | NaN  | -0.29 |
| 1998/09/17 11:00:00 | 331.52 | 11.5  | 299.86 | 3.88 | -0.04 |
| 1998/09/17 12:00:00 | 361.28 | 6.25  | 338.96 | 4.72 | -0.12 |
| 1998/09/17 13:00:00 | 267.56 | 9.23  | 378.1  | 6.49 | -0.25 |
| 1998/09/17 14:00:00 | 403.9  | 10.45 | 231.14 | 5.95 | -0.47 |
| 1998/09/17 15:00:00 | 397.84 | 9.76  | 387.77 | 6.56 | -0.43 |
| 1998/09/17 16:00:00 | 400.06 | 8.89  | 394.65 | 5.9  | -0.49 |
| 1998/09/17 17:00:00 | 402.48 | 8.01  | 391.01 | 5.51 | -0.7  |
| 1998/09/17 18:00:00 | 405.86 | 7.05  | 392.09 | 4.01 | -0.48 |
| 1998/09/17 19:00:00 | 393.56 | 5.85  | 391.69 | 2.1  | 2.91  |
| 1998/09/17 20:00:00 | 390.58 | 7.41  | 390.27 | 2.42 | 5.01  |
| 1998/09/17 21:00:00 | 396.05 | 6.82  | 400.23 | 2.55 | 5.3   |
| 1998/09/17 22:00:00 | 396.13 | 9.38  | 388.13 | 3.35 | 4.39  |
| 1998/09/17 23:00:00 | 373.22 | 10.87 | 365.93 | 4.77 | 0.14  |
| 1998/09/18 00:00:00 | 406.59 | 8.34  | 362.64 | 3.68 | -0.01 |
| 1998/09/18 01:00:00 | 412.38 | 6.7   | 343.99 | 2.51 | 0.27  |
| 1998/09/18 02:00:00 | 413.03 | 8.28  | 397.35 | 3.48 | -0.02 |
| 1998/09/18 03:00:00 | 423.1  | 8.19  | 402.04 | 2.86 | 0.42  |
| 1998/09/18 04:00:00 | 428.54 | 7.41  | 409.31 | 2.02 | 0.67  |
| 1998/09/18 05:00:00 | 422.45 | 5.99  | 376.11 | 1.65 | 0.71  |
| 1998/09/18 06:00:00 | 414.09 | 6.88  | 386.56 | 1.92 | 0.17  |
| 1998/09/18 07:00:00 | 412.58 | 8.02  | 395.71 | 3.3  | -0.55 |
| 1998/09/18 08:00:00 | 407.25 | 8.16  | 390.53 | 3.79 | -0.44 |
| 1998/09/18 09:00:00 | 422.6  | 6.69  | 400.04 | 3.97 | -0.68 |
| 1998/09/18 10:00:00 | 433.88 | 5.46  | 393.52 | 4.28 | -0.64 |
| 1998/09/18 11:00:00 | 434.29 | 7.67  | 374.09 | 4.88 | -0.61 |
| 1998/09/18 12:00:00 | 424.26 | 7.18  | 398.28 | 4.87 | -0.66 |
| 1998/09/18 13:00:00 | 416.41 | 7.1   | 403.3  | 4.74 | -0.6  |
| 1998/09/18 14:00:00 | 386.9  | 5.98  | 312.04 | 3.54 | -0.09 |
| 1998/09/18 15:00:00 | 398.51 | 7.35  | 393.06 | 5.02 | -0.34 |
| 1998/09/18 16:00:00 | 412.86 | 7.74  | 395.92 | 5.5  | -0.34 |
| 1998/09/18 17:00:00 | 454.86 | 6.58  | 203.57 | 2.77 | 1.46  |
| 1998/09/18 18:00:00 | 417.9  | 5.01  | 410.73 | 2.88 | -0.36 |
| 1998/09/18 19:00:00 | 431.25 | 6.52  | 413.65 | 2.27 | 0.37  |
| 1998/09/18 20:00:00 | 435.14 | 6.98  | 396.54 | 2.35 | 0.24  |
| 1998/09/18 21:00:00 | 293.01 | 8.33  | 269.67 | 2.73 | -0.25 |
| 1998/09/18 22:00:00 | 122.67 | 6.39  | 333.18 | 1.99 | -0.49 |
| 1998/09/18 23:00:00 | 88.08  | 7.09  | 403.24 | 2.43 | 0.27  |
| 1998/09/19 00:00:00 | 106.45 | 2.59  | 373.18 | 1.38 | -0.33 |
| 1998/09/19 01:00:00 | 102.14 | 5.2   | 395.53 | 1.62 | -1.23 |
| 1998/09/19 02:00:00 | 89.29  | 7.55  | 398.22 | 2.53 | -0.85 |
| 1998/09/19 03:00:00 | 84.02  | 6.94  | 392.64 | 2.49 | -0.66 |
| 1998/09/19 04:00:00 | 72.93  | 6.86  | 407.53 | 2.38 | -0.46 |
| 1998/09/19 05:00:00 | 75.88  | 6.32  | 405.42 | 1.93 | -0.57 |
| 1998/09/19 06:00:00 | 71.04  | 6.32  | 398.09 | 2.2  | -0.67 |



## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/09/19 07:00:00 | 77.12  | 8.13 | 410.53 | 2.73 | -0.69 |
| 1998/09/19 08:00:00 | 79.1   | 8.2  | 409.39 | 3.19 | -0.65 |
| 1998/09/19 09:00:00 | 89.4   | 7.68 | 396.84 | 4.01 | -0.62 |
| 1998/09/19 10:00:00 | 208.71 | 4.67 | 333.77 | 3.68 | -0.46 |
| 1998/09/19 11:00:00 | 406.24 | 5.97 | 353.56 | 4.17 | -0.55 |
| 1998/09/19 12:00:00 | 358.37 | 5.98 | 284.27 | 3.86 | -0.39 |
| 1998/09/19 13:00:00 | 237.33 | 5.89 | 282.15 | 3.97 | -0.39 |
| 1998/09/19 14:00:00 | 207.89 | 5.31 | 252.16 | 3.99 | -0.1  |
| 1998/09/19 15:00:00 | 268.27 | 5.68 | 335.75 | 3.54 | -0.33 |
| 1998/09/19 16:00:00 | 315.14 | 4.5  | 316.4  | 3.32 | -0.08 |
| 1998/09/19 17:00:00 | 418.9  | 7.72 | 398.15 | 4.67 | -0.53 |
| 1998/09/19 18:00:00 | 432.44 | 7.56 | 394.46 | 4.07 | -0.51 |
| 1998/09/19 19:00:00 | 426.01 | 5.75 | 395.27 | 3.18 | -0.31 |
| 1998/09/19 20:00:00 | 431.53 | 7.26 | 368.37 | 3.28 | 0.1   |
| 1998/09/19 21:00:00 | 455.27 | 7.86 | 389.38 | 2.69 | -0.36 |
| 1998/09/19 22:00:00 | 334.71 | 8.84 | 395.65 | 3.19 | -0.61 |
| 1998/09/19 23:00:00 | 102.18 | 8.58 | 382.06 | 3.26 | -0.64 |
| 1998/09/20 00:00:00 | 101.54 | 8.41 | 337.15 | 2.92 | -0.51 |
| 1998/09/20 01:00:00 | 94.08  | 6.98 | 401.09 | 2.82 | -0.48 |
| 1998/09/20 02:00:00 | 93.7   | 9.14 | 385.98 | 3.91 | -0.39 |
| 1998/09/20 03:00:00 | 87.41  | 8.12 | 405.84 | 3.65 | -0.34 |
| 1998/09/20 04:00:00 | 74.82  | 7.42 | 378.9  | 3.57 | -0.49 |
| 1998/09/20 05:00:00 | 72.34  | 7.5  | 400.65 | 3.96 | -0.41 |
| 1998/09/20 06:00:00 | 330.39 | 7.61 | 389.61 | 4.06 | -0.39 |
| 1998/09/20 07:00:00 | 408.79 | 7.48 | 385.48 | 4.16 | -0.46 |
| 1998/09/20 08:00:00 | 406.88 | 7.74 | 385.38 | 4.24 | 0.26  |
| 1998/09/20 09:00:00 | 410.29 | 6.64 | 391.59 | 4.08 | -0.19 |
| 1998/09/20 10:00:00 | 397.17 | 5.75 | 378.66 | 3.35 | -0.67 |
| 1998/09/20 11:00:00 | 396.18 | 4.35 | 383.15 | 3.06 | -1.17 |
| 1998/09/20 12:00:00 | 382.14 | 5.03 | 374.2  | 3.95 | -0.73 |
| 1998/09/20 13:00:00 | 357.01 | 6.01 | 355.59 | 4.17 | -0.43 |
| 1998/09/20 14:00:00 | 341.47 | 5.79 | 324.79 | 4.1  | -0.04 |
| 1998/09/20 15:00:00 | 163.64 | 5.59 | 247.82 | 3.58 | -0.86 |
| 1998/09/20 16:00:00 | 356.68 | 5.07 | 331.18 | 3.99 | -0.13 |
| 1998/09/20 17:00:00 | 321.34 | 2.96 | 352.48 | 2.27 | -0.6  |
| 1998/09/20 18:00:00 | 338.81 | 3.19 | 329.98 | 2.15 | -0.71 |
| 1998/09/20 19:00:00 | 365.89 | 3.93 | 383.43 | 2.18 | -0.77 |
| 1998/09/20 20:00:00 | 446.39 | 3.71 | 198.43 | 1.6  | -0.11 |
| 1998/09/20 21:00:00 | 453.36 | 4.47 | 402.32 | 2.24 | -0.17 |
| 1998/09/20 22:00:00 | 461.93 | 5.01 | 253.04 | 1.38 | -0.88 |
| 1998/09/20 23:00:00 | 469.93 | 6.01 | 325.27 | 2.09 | -1.68 |
| 1998/09/21 00:00:00 | 466.32 | 6.5  | 316.59 | 1.74 | -1.64 |
| 1998/09/21 01:00:00 | 299.23 | 6.02 | 234.22 | 1.81 | -1.55 |
| 1998/09/21 02:00:00 | 129.12 | 7.42 | 311.37 | 2.17 | -1.84 |
| 1998/09/21 03:00:00 | 151.92 | 7.58 | 145.39 | 3.26 | -1.45 |
| 1998/09/21 04:00:00 | 167.41 | 5.18 | 175.66 | 2.72 | -0.97 |
| 1998/09/21 05:00:00 | 200.1  | 4.38 | 204.51 | 1.25 | -1.28 |
| 1998/09/21 06:00:00 | 226.26 | 4.62 | 300.25 | 1.13 | -1.59 |
| 1998/09/21 07:00:00 | 217.86 | 4.18 | 237.82 | 1.33 | -2.03 |
| 1998/09/21 08:00:00 | 195.57 | 4.68 | 200.41 | 1.49 | -1.81 |
| 1998/09/21 09:00:00 | 221.39 | 3.53 | 192.97 | 2.51 | -0.67 |
| 1998/09/21 10:00:00 | 252.26 | 2.76 | 248.7  | 2.73 | -0.32 |
| 1998/09/21 11:00:00 | 300.3  | 4.14 | 296.92 | 3.66 | 0.2   |
| 1998/09/21 12:00:00 | 327.55 | 5.03 | 338.91 | 3.71 | 0.58  |
| 1998/09/21 13:00:00 | 314.25 | 5.69 | 310.06 | 4.18 | 0.5   |
| 1998/09/21 14:00:00 | 307.02 | 4.97 | 297.26 | 4.04 | 0.9   |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/09/21 15:00:00 | 397.18 | 6.09  | 310.63 | 3.39 | -0.58 |
| 1998/09/21 16:00:00 | 119.91 | 5.29  | 268.5  | 3.81 | -0.43 |
| 1998/09/21 17:00:00 | 109.09 | 3.6   | 215.55 | 3.13 | -0.67 |
| 1998/09/21 18:00:00 | 195.83 | 3.75  | 255.71 | 2.64 | -0.63 |
| 1998/09/21 19:00:00 | 137.01 | 3.3   | 285.97 | 1.85 | 1.76  |
| 1998/09/21 20:00:00 | 323.67 | 4.08  | 389.44 | 2.32 | 1.32  |
| 1998/09/21 21:00:00 | 166.44 | 4.21  | 400.19 | 2    | 1.43  |
| 1998/09/21 22:00:00 | 196.88 | 4.15  | 239.99 | 1.51 | 0.84  |
| 1998/09/21 23:00:00 | 176.12 | 5.09  | 182.83 | 1.81 | 0.22  |
| 1998/09/22 00:00:00 | 157.62 | 6.25  | 135.83 | 1.96 | 0.35  |
| 1998/09/22 01:00:00 | 159.1  | 7.62  | 169.87 | 2.89 | -0.16 |
| 1998/09/22 02:00:00 | 171.98 | 6.24  | 186.97 | 3.26 | -0.58 |
| 1998/09/22 03:00:00 | 257.11 | 4.18  | 319.51 | 2.01 | -0.25 |
| 1998/09/22 04:00:00 | 312.23 | 4.26  | 405.84 | 1.98 | -0.34 |
| 1998/09/22 05:00:00 | 264.81 | 2.15  | 371.17 | 2.03 | -0.71 |
| 1998/09/22 06:00:00 | 139.1  | 2.42  | 440.37 | 1.57 | -1.19 |
| 1998/09/22 07:00:00 | 181.43 | 2.99  | 390.59 | 1.46 | -1.56 |
| 1998/09/22 08:00:00 | 241.93 | 4.16  | 296.63 | 1.17 | -1.9  |
| 1998/09/22 09:00:00 | 250.26 | 3.87  | 227.75 | 2.79 | -0.29 |
| 1998/09/22 10:00:00 | 284.71 | 4.97  | 269.14 | 3.32 | 0.1   |
| 1998/09/22 11:00:00 | 303.08 | 4.22  | 295.94 | 3.41 | 0.64  |
| 1998/09/22 12:00:00 | 254.94 | 3.39  | 268.07 | 2.88 | 0.28  |
| 1998/09/22 13:00:00 | 263.45 | 4.53  | 260.02 | 3.68 | 0.91  |
| 1998/09/22 14:00:00 | 285.83 | 5.11  | 278.83 | 4.15 | 1.19  |
| 1998/09/22 15:00:00 | 303.19 | 4.84  | 294    | 3.62 | 0.9   |
| 1998/09/22 16:00:00 | 287.71 | 7.22  | 272.74 | 3.48 | -0.36 |
| 1998/09/22 17:00:00 | 307.3  | 5.33  | 291.5  | 3.3  | -0.27 |
| 1998/09/22 18:00:00 | 276.12 | 3.03  | 275.67 | 2.32 | -0.2  |
| 1998/09/22 19:00:00 | 232.8  | 2.52  | 193.82 | 1.31 | 0.55  |
| 1998/09/22 20:00:00 | 251.04 | 5.11  | 278.65 | 1.34 | 0.97  |
| 1998/09/22 21:00:00 | 295.25 | 4.08  | 344.67 | 1.46 | 1.12  |
| 1998/09/22 22:00:00 | 347.67 | 6.85  | 359.94 | 2.4  | 2.24  |
| 1998/09/22 23:00:00 | 340.22 | 9.24  | 346.57 | 3.25 | 1.5   |
| 1998/09/23 00:00:00 | 349.56 | 8.78  | 347.74 | 3.62 | 0.1   |
| 1998/09/23 01:00:00 | 351.09 | 8.91  | 354.53 | 3.58 | -0.22 |
| 1998/09/23 02:00:00 | 352.81 | 9.58  | 355.94 | 4.45 | -0.51 |
| 1998/09/23 03:00:00 | 372.53 | 8.71  | 365.61 | 3.6  | -0.34 |
| 1998/09/23 04:00:00 | 371.36 | 8.75  | 359.76 | 3.97 | -0.43 |
| 1998/09/23 05:00:00 | 384.82 | 6.9   | 372.74 | 2.55 | -0.48 |
| 1998/09/23 06:00:00 | 391.91 | 6.56  | 362.04 | 2.13 | -0.3  |
| 1998/09/23 07:00:00 | 380.72 | 7.66  | 361.52 | 3.04 | -0.38 |
| 1998/09/23 08:00:00 | 371.29 | 9.91  | 366.96 | 4.86 | -0.45 |
| 1998/09/23 09:00:00 | 376.64 | 10.36 | 374.55 | 6.36 | -0.53 |
| 1998/09/23 10:00:00 | 377.99 | 8.01  | 373.61 | 5.67 | -0.32 |
| 1998/09/23 11:00:00 | 402.23 | 7.12  | 384.11 | 5.06 | -0.45 |
| 1998/09/23 12:00:00 | 379.46 | 7.03  | 373.57 | 5.14 | -0.34 |
| 1998/09/23 13:00:00 | 408.47 | 7.96  | 395.69 | 5.72 | -0.42 |
| 1998/09/23 14:00:00 | 399.91 | 7.81  | 391.65 | 5.46 | -0.29 |
| 1998/09/23 15:00:00 | 378.37 | 7.73  | 377.65 | 5.82 | -0.03 |
| 1998/09/23 16:00:00 | 363.53 | 7.34  | 363.75 | 5.35 | -0.07 |
| 1998/09/23 17:00:00 | 372.22 | 8.31  | 365.35 | 5.59 | -0.46 |
| 1998/09/23 18:00:00 | 375.5  | 7.04  | 366.54 | 4.16 | -0.52 |
| 1998/09/23 19:00:00 | 388.86 | 6.03  | 389.61 | 2.16 | 1.27  |
| 1998/09/23 20:00:00 | 381.08 | 7.1   | 401.39 | 1.93 | 2.8   |
| 1998/09/23 21:00:00 | 388.37 | 8.08  | 386.34 | 2.27 | 3.29  |
| 1998/09/23 22:00:00 | 382.63 | 8.75  | 370.79 | 2.96 | 1.68  |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/09/23 23:00:00 | 396.68 | 8.32  | 394.46 | 2.48 | 2.53  |
| 1998/09/24 00:00:00 | 413.52 | 8.46  | 411.83 | 2.55 | 1.26  |
| 1998/09/24 01:00:00 | 422.77 | 6.65  | 400.85 | 1.89 | 1.82  |
| 1998/09/24 02:00:00 | 430.74 | 6.17  | 412.59 | 1.58 | 2.89  |
| 1998/09/24 03:00:00 | 437.67 | 6.63  | 392.84 | 1.31 | 2.46  |
| 1998/09/24 04:00:00 | 430.26 | 6.4   | 423.03 | 1.67 | 2.75  |
| 1998/09/24 05:00:00 | 422.04 | 7.98  | 398.69 | 2.36 | 2.02  |
| 1998/09/24 06:00:00 | 432.56 | 8.93  | 347.15 | 2.82 | 0.49  |
| 1998/09/24 07:00:00 | 440.96 | 9.31  | 374.75 | 2.59 | 0.39  |
| 1998/09/24 08:00:00 | 444.49 | 10.02 | 385.39 | 2.78 | 0.44  |
| 1998/09/24 09:00:00 | 372.14 | 7.85  | 339.38 | 3.15 | -0.26 |
| 1998/09/24 10:00:00 | 266.31 | 5.22  | 274.75 | 3.58 | -0.31 |
| 1998/09/24 11:00:00 | 321.47 | 3.24  | 374.71 | 2.91 | -0.35 |
| 1998/09/24 12:00:00 | 348.45 | 4.2   | 352.94 | 3.34 | -0.13 |
| 1998/09/24 13:00:00 | 379.69 | 5.55  | 317.42 | 3.77 | -0.22 |
| 1998/09/24 14:00:00 | 237.29 | 4.77  | 289.95 | 3.77 | 0     |
| 1998/09/24 15:00:00 | 300.77 | 5.53  | 294.21 | 4.14 | 0.48  |
| 1998/09/24 16:00:00 | 293.46 | 3.86  | 288.44 | 3.13 | 0.29  |
| 1998/09/24 17:00:00 | 314.47 | 3.44  | 297.33 | 2.78 | -0.37 |
| 1998/09/24 18:00:00 | 380.25 | 5.62  | 372.37 | 3.25 | -0.22 |
| 1998/09/24 19:00:00 | 384.51 | 6.15  | 396.9  | 2.37 | 2.72  |
| 1998/09/24 20:00:00 | 397.78 | 5.91  | 402.43 | 2.8  | 6.8   |
| 1998/09/24 21:00:00 | 408.37 | 6.51  | 414.52 | 2.52 | 7.86  |
| 1998/09/24 22:00:00 | 443.62 | 8.1   | 428.44 | 2.06 | 6.65  |
| 1998/09/24 23:00:00 | 460.41 | 8.83  | 358.37 | 2.31 | 4.31  |
| 1998/09/25 00:00:00 | 385.56 | 8.07  | 407.41 | 2.15 | 3.42  |
| 1998/09/25 01:00:00 | 131.15 | 8.43  | 227.63 | 2.34 | 0.99  |
| 1998/09/25 02:00:00 | 130.31 | 9.34  | 203.84 | 2.87 | 0.01  |
| 1998/09/25 03:00:00 | 129.87 | 7.88  | 272.6  | 2.62 | 0.01  |
| 1998/09/25 04:00:00 | 123.65 | 7.62  | 153.02 | 2.48 | -0.05 |
| 1998/09/25 05:00:00 | 115.81 | 6.09  | 334.97 | 1.71 | -0.22 |
| 1998/09/25 06:00:00 | 95     | 6.28  | 331.91 | 1.3  | -0.47 |
| 1998/09/25 07:00:00 | 88.76  | 8.13  | 401.5  | 2.47 | -0.83 |
| 1998/09/25 08:00:00 | 86.04  | 8.3   | 407.55 | 3.12 | -0.86 |
| 1998/09/25 09:00:00 | 360.86 | 8.21  | 380.15 | 3.84 | -0.72 |
| 1998/09/25 10:00:00 | 203.15 | 7.94  | 288.52 | 4.13 | -0.97 |
| 1998/09/25 11:00:00 | 149.2  | 8.4   | 299.94 | 4.52 | -0.7  |
| 1998/09/25 12:00:00 | 285.53 | 8.05  | 321.24 | 4.92 | -0.59 |
| 1998/09/25 13:00:00 | 163.35 | 8.35  | 325.76 | 5.92 | -0.41 |
| 1998/09/25 14:00:00 | 107.32 | 7.85  | 277.96 | 5.22 | -0.41 |
| 1998/09/25 15:00:00 | 187.11 | 8.2   | 365.13 | 5.19 | -0.46 |
| 1998/09/25 16:00:00 | 237.8  | 7.02  | 295.21 | 4.57 | -0.53 |
| 1998/09/25 17:00:00 | 135.06 | 7.31  | 363.02 | 4.27 | -0.72 |
| 1998/09/25 18:00:00 | 320.65 | 6.3   | 402.75 | 2.97 | -0.5  |
| 1998/09/25 19:00:00 | 453.16 | 5.77  | 399.97 | 2.28 | 1.82  |
| 1998/09/25 20:00:00 | 467.9  | 6.71  | 401.61 | 2.7  | 3.62  |
| 1998/09/25 21:00:00 | 470.17 | 7.36  | 400.75 | 2.54 | 3.34  |
| 1998/09/25 22:00:00 | 469.42 | 7.5   | 302.05 | 2.69 | 2.61  |
| 1998/09/25 23:00:00 | 460.62 | 8.81  | 393.16 | 2.95 | 3.06  |
| 1998/09/26 00:00:00 | 452.97 | 9.71  | 401.14 | 3.09 | 1.67  |
| 1998/09/26 01:00:00 | 449.19 | 9.3   | 402.45 | 2.62 | 1.08  |
| 1998/09/26 02:00:00 | 451.07 | 8.87  | 402.4  | 2.62 | 0.54  |
| 1998/09/26 03:00:00 | 449.11 | 8.77  | 403.47 | 2.48 | 0.89  |
| 1998/09/26 04:00:00 | 448.09 | 9.78  | 407.5  | 3.07 | 0.73  |
| 1998/09/26 05:00:00 | 453.36 | 9.28  | 403.85 | 3.12 | 0.1   |
| 1998/09/26 06:00:00 | 447.5  | 8.87  | 405.57 | 2.88 | 0.18  |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/09/26 07:00:00 | 448.95 | 9.19  | 403.6  | 3.02  | 0.04  |
| 1998/09/26 08:00:00 | 456.55 | 9.36  | 391.79 | 3.46  | -0.32 |
| 1998/09/26 09:00:00 | 437.34 | 10.29 | 395.4  | 4.78  | -0.49 |
| 1998/09/26 10:00:00 | 113.2  | 9.03  | 287.83 | 4.48  | -0.54 |
| 1998/09/26 11:00:00 | 194.49 | 5.92  | 221.31 | 3.9   | -0.55 |
| 1998/09/26 12:00:00 | 274.79 | 5.58  | 248.45 | 4.46  | -0.32 |
| 1998/09/26 13:00:00 | 219.74 | 5.63  | 300.17 | 4.32  | -0.21 |
| 1998/09/26 14:00:00 | 376.57 | 7.83  | 391.7  | 5.47  | -0.23 |
| 1998/09/26 15:00:00 | 336.52 | 7.1   | 303.95 | 4.78  | -0.42 |
| 1998/09/26 16:00:00 | 340.26 | 6.82  | 353.29 | 4.26  | -0.4  |
| 1998/09/26 17:00:00 | 371.12 | 5.96  | 374.09 | 3.79  | -0.63 |
| 1998/09/26 18:00:00 | 118.55 | 4.85  | 373.2  | 2.9   | -0.61 |
| 1998/09/26 19:00:00 | 101.76 | 6.54  | 348.03 | 2.01  | 0.61  |
| 1998/09/26 20:00:00 | 94.01  | 6.03  | 395.56 | 2.52  | 3.58  |
| 1998/09/26 21:00:00 | 82.06  | 6.74  | 411.09 | 2.67  | 4.54  |
| 1998/09/26 22:00:00 | 85.93  | 8.21  | 385.16 | 2.28  | 3.68  |
| 1998/09/26 23:00:00 | 90.28  | 8.54  | 398.14 | 2.43  | 1.55  |
| 1998/09/27 00:00:00 | 87.6   | 8.59  | 399.78 | 2.27  | 1.04  |
| 1998/09/27 01:00:00 | 75.54  | 7.88  | 404.08 | 2.04  | 2.23  |
| 1998/09/27 02:00:00 | 98.22  | 9.87  | 391.66 | 3.68  | -0.23 |
| 1998/09/27 03:00:00 | 91.17  | 7.13  | 389.2  | 2.45  | 0.25  |
| 1998/09/27 04:00:00 | 77.88  | 5.78  | 392.71 | 2.5   | 1.59  |
| 1998/09/27 05:00:00 | 65.39  | 6.32  | 401.22 | 1.98  | 0.67  |
| 1998/09/27 06:00:00 | 135.18 | 7.54  | 385.12 | 2.28  | 0.24  |
| 1998/09/27 07:00:00 | 377.83 | 6.33  | 375.32 | 1.91  | -0.14 |
| 1998/09/27 08:00:00 | 372.82 | 7.04  | 371.51 | 2.46  | -0.16 |
| 1998/09/27 09:00:00 | 395.04 | 7.59  | 383.94 | 3.94  | -0.38 |
| 1998/09/27 10:00:00 | 395.07 | 6.94  | 372.76 | 5.13  | -0.39 |
| 1998/09/27 11:00:00 | 400.65 | 7.67  | 372.55 | 5.59  | -0.46 |
| 1998/09/27 12:00:00 | 390.1  | 7.96  | 375.4  | 5.86  | -0.31 |
| 1998/09/27 13:00:00 | 399    | 8.9   | 384.26 | 6.47  | -0.37 |
| 1998/09/27 14:00:00 | 396.11 | 9.93  | 387.61 | 6.94  | -0.37 |
| 1998/09/27 15:00:00 | 397.71 | 12.43 | 384.65 | 8.37  | -0.49 |
| 1998/09/27 16:00:00 | 403.73 | 13.3  | 392.91 | 8.85  | -0.66 |
| 1998/09/27 17:00:00 | 410.51 | 12.38 | 399.76 | 7.64  | -0.6  |
| 1998/09/27 18:00:00 | 409.22 | 9.12  | 398.81 | 5.42  | -0.58 |
| 1998/09/27 19:00:00 | 403    | 7.88  | 392.73 | 3.86  | -0.18 |
| 1998/09/27 20:00:00 | 411.67 | 11.11 | 407.17 | 4.54  | 1.3   |
| 1998/09/27 21:00:00 | 389.01 | 11.21 | 377.87 | 3.9   | 0.28  |
| 1998/09/27 22:00:00 | 384.65 | 10.61 | 366.97 | 3.29  | 1.47  |
| 1998/09/27 23:00:00 | 376.11 | 11.06 | 355.82 | 4.27  | 0.52  |
| 1998/09/28 00:00:00 | 373.91 | 10.39 | 360.06 | 4.38  | 0.19  |
| 1998/09/28 01:00:00 | 366.88 | 10.03 | 357.33 | 4.19  | 0.16  |
| 1998/09/28 02:00:00 | 361.58 | 9.15  | 351.26 | 3.88  | 0.04  |
| 1998/09/28 03:00:00 | 367.05 | 10.13 | 355.67 | 4.78  | -0.26 |
| 1998/09/28 04:00:00 | 357.53 | 9.67  | 349.79 | 4.55  | -0.33 |
| 1998/09/28 05:00:00 | 347.08 | 10.77 | 342.42 | 5.18  | -0.41 |
| 1998/09/28 06:00:00 | 346.69 | 12.28 | 344.8  | 6.63  | -0.6  |
| 1998/09/28 07:00:00 | 348.3  | 12.41 | 345.98 | 6.98  | -0.64 |
| 1998/09/28 08:00:00 | 349.76 | 13.13 | 343.7  | 7.57  | -0.68 |
| 1998/09/28 09:00:00 | 349.93 | 13.72 | 344.57 | 8.18  | -0.73 |
| 1998/09/28 10:00:00 | 360.35 | 15.96 | 351.46 | 10.38 | -0.49 |
| 1998/09/28 11:00:00 | 363.6  | 17.67 | 357.57 | 10.92 | -0.61 |
| 1998/09/28 12:00:00 | 364.36 | 17.05 | 359.16 | 10.57 | -0.57 |
| 1998/09/28 13:00:00 | 359.15 | 16.21 | 355.43 | 10.17 | -0.54 |
| 1998/09/28 14:00:00 | 366.21 | 14.59 | 355.85 | 9     | -0.57 |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/09/28 15:00:00 | 370.92 | 15.38 | 364.02 | 9.68  | -0.47 |
| 1998/09/28 16:00:00 | 369.79 | 16.03 | 361.16 | 10    | -0.57 |
| 1998/09/28 17:00:00 | 363.44 | 15.18 | 358.22 | 9.28  | -0.56 |
| 1998/09/28 18:00:00 | 360.9  | 14.6  | 356.39 | 9.01  | -0.61 |
| 1998/09/28 19:00:00 | 379.92 | 15.93 | 366.91 | 9.71  | -0.65 |
| 1998/09/28 20:00:00 | 374.69 | 15.4  | 366.15 | 9.01  | -0.67 |
| 1998/09/28 21:00:00 | 376.15 | 15.77 | 369.81 | 9.97  | -0.71 |
| 1998/09/28 22:00:00 | 372.32 | 14.57 | 363.54 | 8.52  | -0.71 |
| 1998/09/28 23:00:00 | 360.04 | 10.52 | 351.32 | 6.28  | -0.74 |
| 1998/09/29 00:00:00 | 360.9  | 12.04 | 354.01 | 6.85  | -0.75 |
| 1998/09/29 01:00:00 | 359.63 | 12.56 | 354.73 | 7.11  | -0.73 |
| 1998/09/29 02:00:00 | 360.14 | 13.37 | 352.51 | 8.32  | -0.78 |
| 1998/09/29 03:00:00 | 350.07 | 11.27 | 344.88 | 6.55  | -0.71 |
| 1998/09/29 04:00:00 | 346.78 | 12.09 | 342.8  | 6.7   | -0.73 |
| 1998/09/29 05:00:00 | 346.56 | 11.94 | 343.59 | 7.09  | -0.76 |
| 1998/09/29 06:00:00 | 347.9  | 10.83 | 346.97 | 6.14  | -0.78 |
| 1998/09/29 07:00:00 | 344.89 | 11.16 | 339.78 | 6.29  | -0.76 |
| 1998/09/29 08:00:00 | 340.78 | 11.82 | 337.8  | 6.68  | -0.57 |
| 1998/09/29 09:00:00 | 341.92 | 12.61 | 337.02 | 7.95  | -0.66 |
| 1998/09/29 10:00:00 | 356.99 | 12.29 | 347.9  | 7.82  | -0.45 |
| 1998/09/29 11:00:00 | 356.26 | 14.4  | 354.2  | 9.52  | -0.59 |
| 1998/09/29 12:00:00 | 362.21 | 12.4  | 361.16 | 8.3   | -0.36 |
| 1998/09/29 13:00:00 | 364.19 | 13.42 | 362.68 | 9.29  | -0.31 |
| 1998/09/29 14:00:00 | 360.79 | 15.02 | 356.36 | 10.26 | -0.43 |
| 1998/09/29 15:00:00 | 376.5  | 13.06 | 371.74 | 9.17  | -0.42 |
| 1998/09/29 16:00:00 | 356.62 | 13.64 | 353.47 | 9.03  | -0.47 |
| 1998/09/29 17:00:00 | 358.57 | 11.88 | 353.77 | 7.54  | -0.66 |
| 1998/09/29 18:00:00 | 360.41 | 10.15 | 356.44 | 6.15  | -0.63 |
| 1998/09/29 19:00:00 | 353.66 | 7.28  | 363.75 | 3.13  | -0.02 |
| 1998/09/29 20:00:00 | 358.08 | 8.57  | 373.41 | 2.88  | 0.88  |
| 1998/09/29 21:00:00 | 369.74 | 8.24  | 382.67 | 2.43  | 1.67  |
| 1998/09/29 22:00:00 | 346.85 | 5.74  | 394.3  | 2.06  | 4.28  |
| 1998/09/29 23:00:00 | 373.74 | 6.91  | 391.59 | 2.17  | 4.19  |
| 1998/09/30 00:00:00 | 370.87 | 6.78  | 382.09 | 2.06  | 3.99  |
| 1998/09/30 01:00:00 | 381.28 | 7.53  | 383.85 | 2.1   | 3.88  |
| 1998/09/30 02:00:00 | 367.91 | 6.83  | 382.74 | 2.17  | 2.64  |
| 1998/09/30 03:00:00 | 354.63 | 6.26  | 375.53 | 1.79  | 2.15  |
| 1998/09/30 04:00:00 | 346.11 | 5.96  | 387.5  | 1.77  | 2.04  |
| 1998/09/30 05:00:00 | 311.5  | 4.06  | 324.3  | 1.11  | 1.06  |
| 1998/09/30 06:00:00 | 280.82 | 2.66  | 282.7  | 1.32  | -0.79 |
| 1998/09/30 07:00:00 | 323.32 | 4.16  | 391.96 | 1.6   | -1.7  |
| 1998/09/30 08:00:00 | 340.7  | 5.88  | 386.89 | 1.5   | -0.72 |
| 1998/09/30 09:00:00 | 347.77 | 4.91  | 325.35 | 2.65  | 0.55  |
| 1998/09/30 10:00:00 | 370.23 | 5.41  | 369.72 | 4.2   | 0.05  |
| 1998/09/30 11:00:00 | 346.26 | 4.95  | 332.45 | 4.15  | -0.09 |
| 1998/09/30 12:00:00 | 320.09 | 8.03  | 309.93 | 5.28  | -0.34 |
| 1998/09/30 13:00:00 | 319.29 | 7.74  | 312.28 | 5.35  | -0.05 |
| 1998/09/30 14:00:00 | 322.78 | 7.82  | 317.19 | 5.46  | -0.03 |
| 1998/09/30 15:00:00 | 326.27 | 7.18  | 313.42 | 5.15  | -0.02 |
| 1998/09/30 16:00:00 | 331.54 | 6.26  | 325.35 | 4.59  | 0.02  |
| 1998/09/30 17:00:00 | 337.93 | 5.88  | 342.46 | 4.38  | -0.46 |
| 1998/09/30 18:00:00 | 352.8  | 3.75  | 405.02 | 2.11  | -0.11 |
| 1998/09/30 19:00:00 | 373.31 | 4.14  | 405.02 | 2.13  | 3.97  |
| 1998/09/30 20:00:00 | 393.07 | 6     | 401.74 | 2.44  | 7     |
| 1998/09/30 21:00:00 | 296.82 | 3.33  | 63.85  | 1.78  | 5.53  |
| 1998/09/30 22:00:00 | 309.26 | 4.73  | 235.87 | 1.63  | 5.97  |

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|                     |        |       |        |      |      |
|---------------------|--------|-------|--------|------|------|
| 1998/09/30 23:00:00 | 312.53 | 6.15  | 87.96  | 1.82 | 5.35 |
| 1998/10/01 00:00:00 | 312.85 | 4.45  | 65.84  | 1.35 | 5.35 |
| 1998/10/01 01:00:00 | 273.03 | 3.45  | 50.08  | 1.43 | 3.87 |
| 1998/10/01 02:00:00 | 262.12 | 4.13  | 398.89 | 1.61 | 3.81 |
| 1998/10/01 03:00:00 | 289.2  | 4.12  | 398.32 | 1.62 | 3.43 |
| 1998/10/01 04:00:00 | 296.7  | 4.18  | 412.5  | 1.16 | 2.02 |
| 1998/10/01 05:00:00 | 253.34 | 2.32  | 255.68 | 1.34 | 0.28 |
| 1998/10/01 06:00:00 | 224.73 | 2.63  | 174.86 | 1.48 | 0.74 |
| 1998/10/01 07:00:00 | 272.43 | 3.25  | 407.93 | 1.61 | 0.37 |
| 1998/10/01 08:00:00 | 265.42 | 4.98  | 326.09 | 1.03 | 0.16 |
| 1998/10/01 09:00:00 | 310.82 | 4.09  | 252.43 | 1.93 | 0.16 |
| 1998/10/01 10:00:00 | 336.43 | 4.26  | 301.05 | 3.12 | NaN  |
| 1998/10/01 11:00:00 | 278.74 | 3.97  | 278.62 | 3.65 | NaN  |
| 1998/10/01 12:00:00 | 277.96 | 5     | 277.4  | 3.89 | NaN  |
| 1998/10/01 13:00:00 | 286.7  | 5.82  | 293.55 | 4.45 | NaN  |
| 1998/10/01 14:00:00 | 315.2  | 6.56  | 330.02 | 5.08 | NaN  |
| 1998/10/01 15:00:00 | 320.12 | 8.32  | 332.14 | 6.01 | NaN  |
| 1998/10/01 16:00:00 | 308.77 | 7.45  | 314.8  | 5.11 | NaN  |
| 1998/10/01 17:00:00 | 295.72 | 5.18  | 303.57 | 3.19 | NaN  |
| 1998/10/01 18:00:00 | 343.62 | 5.44  | 354.15 | 2.83 | NaN  |
| 1998/10/01 19:00:00 | 351.94 | 7.3   | 385.31 | 2.63 | NaN  |
| 1998/10/01 20:00:00 | 362.99 | 8.81  | 373.48 | 3.3  | NaN  |
| 1998/10/01 21:00:00 | 362.01 | 8.03  | 373.13 | 2.54 | NaN  |
| 1998/10/01 22:00:00 | 356.96 | 6.89  | 378.91 | 2.2  | NaN  |
| 1998/10/01 23:00:00 | 368.61 | 8.72  | 373.06 | 2.87 | NaN  |
| 1998/10/02 00:00:00 | 374.52 | 9.95  | 379.02 | 4    | NaN  |
| 1998/10/02 01:00:00 | 385.15 | 7.5   | 395.41 | 2.99 | NaN  |
| 1998/10/02 02:00:00 | 392.51 | 7.38  | 379.05 | 3.05 | NaN  |
| 1998/10/02 03:00:00 | 404.61 | 6.61  | 400.53 | 2.9  | NaN  |
| 1998/10/02 04:00:00 | 409.39 | 7.73  | 407.15 | 2.38 | NaN  |
| 1998/10/02 05:00:00 | 422.8  | 7.94  | 418.61 | 2.11 | NaN  |
| 1998/10/02 06:00:00 | 432.64 | 11.18 | 419.04 | 3.86 | NaN  |
| 1998/10/02 07:00:00 | 432.8  | 12.3  | 418.24 | 4.91 | NaN  |
| 1998/10/02 08:00:00 | 432.95 | 11.7  | 418.19 | 4.45 | NaN  |
| 1998/10/02 09:00:00 | 439.94 | 10.53 | 416.08 | 4.57 | NaN  |
| 1998/10/02 10:00:00 | 200.95 | 5.56  | 185.5  | 3.4  | NaN  |
| 1998/10/02 11:00:00 | 109.47 | 5.72  | 157    | 4.46 | NaN  |
| 1998/10/02 12:00:00 | 198.08 | 4.55  | 190.82 | 3.87 | NaN  |
| 1998/10/02 13:00:00 | 170.72 | 5.29  | 179.05 | 4.38 | NaN  |
| 1998/10/02 14:00:00 | 187.67 | 7.68  | 200.37 | 6.11 | NaN  |
| 1998/10/02 15:00:00 | 203.83 | 6.61  | 208.91 | 4.7  | NaN  |
| 1998/10/02 16:00:00 | 214.67 | 5.84  | 223.78 | 3.16 | NaN  |
| 1998/10/02 17:00:00 | 205.61 | 8.08  | 210.41 | 4.1  | NaN  |
| 1998/10/02 18:00:00 | 204.14 | 7.73  | 199.54 | 2.91 | NaN  |
| 1998/10/02 19:00:00 | 200.22 | 6.63  | 323.83 | 1.4  | NaN  |
| 1998/10/02 20:00:00 | 176.75 | 6.2   | 54.97  | 2.27 | NaN  |
| 1998/10/02 21:00:00 | 147.16 | 7.2   | 86.34  | 2.19 | NaN  |
| 1998/10/02 22:00:00 | 125.94 | 8.99  | 115.51 | 3.08 | NaN  |
| 1998/10/02 23:00:00 | 114.61 | 8.88  | 197.2  | 3.33 | NaN  |
| 1998/10/03 00:00:00 | 135.39 | 10.26 | 171.16 | 4.74 | NaN  |
| 1998/10/03 01:00:00 | 145.38 | 6.81  | 186.76 | 3.21 | NaN  |
| 1998/10/03 02:00:00 | 156.66 | 10.62 | 168.24 | 6.19 | NaN  |
| 1998/10/03 03:00:00 | 159.63 | 10.96 | 170.73 | 6.44 | NaN  |
| 1998/10/03 04:00:00 | 169.89 | 8.37  | 187.47 | 4.97 | NaN  |
| 1998/10/03 05:00:00 | 220.21 | 6.59  | 226.49 | 2.68 | NaN  |
| 1998/10/03 06:00:00 | 212.91 | 4.71  | 183.77 | 2.08 | NaN  |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/10/03 07:00:00 | 192.44 | 4.16  | 149.98 | 1.35 | NaN   |
| 1998/10/03 08:00:00 | 150.53 | 6.56  | 188.66 | 3.34 | NaN   |
| 1998/10/03 09:00:00 | 126.34 | 11.06 | 140.15 | 6.2  | NaN   |
| 1998/10/03 10:00:00 | 137.75 | 8.2   | 158.4  | 5.42 | NaN   |
| 1998/10/03 11:00:00 | 138.1  | 10.62 | 158.89 | 6.64 | NaN   |
| 1998/10/03 12:00:00 | 167.11 | 7.28  | 184.38 | 4.45 | NaN   |
| 1998/10/03 13:00:00 | 230.64 | 11.02 | 222.07 | 5.87 | NaN   |
| 1998/10/03 14:00:00 | 252.62 | 12.26 | 256.54 | 5.07 | NaN   |
| 1998/10/03 15:00:00 | 185.91 | 10.39 | 183.5  | 6.08 | NaN   |
| 1998/10/03 16:00:00 | 142.53 | 8.79  | 155.9  | 5.02 | NaN   |
| 1998/10/03 17:00:00 | 309.33 | 4.8   | 355.72 | 3.25 | NaN   |
| 1998/10/03 18:00:00 | 363.56 | 6.77  | 366.31 | 4.58 | NaN   |
| 1998/10/03 19:00:00 | 146.34 | 3.91  | 256.69 | 1.99 | NaN   |
| 1998/10/03 20:00:00 | 120.3  | 6.15  | 198.93 | 2.17 | NaN   |
| 1998/10/03 21:00:00 | 95.86  | 6.23  | 259.13 | 2    | NaN   |
| 1998/10/03 22:00:00 | 91.61  | 7.14  | 362.83 | 2.12 | NaN   |
| 1998/10/03 23:00:00 | 92.58  | 7.59  | 325.74 | 2.2  | NaN   |
| 1998/10/04 00:00:00 | 89.67  | 9.8   | 420.06 | 3.74 | NaN   |
| 1998/10/04 01:00:00 | 87.62  | 8.79  | 333.5  | 2.48 | NaN   |
| 1998/10/04 02:00:00 | 93.93  | 6.59  | 198.97 | 1.91 | NaN   |
| 1998/10/04 03:00:00 | 100.58 | 7.29  | 396.61 | 2.96 | NaN   |
| 1998/10/04 04:00:00 | 100.57 | 9.11  | 443.44 | 3.57 | NaN   |
| 1998/10/04 05:00:00 | 95.7   | 10.44 | 434.88 | 5.53 | NaN   |
| 1998/10/04 06:00:00 | 88.84  | 10.1  | 423.13 | 4.78 | NaN   |
| 1998/10/04 07:00:00 | 86.39  | 10    | 379.04 | 3.78 | NaN   |
| 1998/10/04 08:00:00 | 92.88  | 8.59  | 174.76 | 3.13 | NaN   |
| 1998/10/04 09:00:00 | 97.11  | 7.21  | 326.85 | 2.76 | NaN   |
| 1998/10/04 10:00:00 | 233.02 | 5.54  | 236.08 | 3.23 | NaN   |
| 1998/10/04 11:00:00 | 193.07 | 6.69  | 190.78 | 4.09 | NaN   |
| 1998/10/04 12:00:00 | 139.61 | 6.2   | 157.7  | 5    | NaN   |
| 1998/10/04 13:00:00 | 148.33 | 7.54  | 168.97 | 5.7  | NaN   |
| 1998/10/04 14:00:00 | 150.43 | 9.55  | 167.12 | 7.08 | NaN   |
| 1998/10/04 15:00:00 | 161.94 | 6.99  | 178.26 | 5.44 | NaN   |
| 1998/10/04 16:00:00 | 136.23 | 7.98  | 157.89 | 5.8  | NaN   |
| 1998/10/04 17:00:00 | 162.13 | 8.98  | 196.12 | 5.53 | NaN   |
| 1998/10/04 18:00:00 | 134.41 | 6.05  | 211.22 | 2.24 | NaN   |
| 1998/10/04 19:00:00 | 115.77 | 5.78  | 151.42 | 1.98 | NaN   |
| 1998/10/04 20:00:00 | 106.95 | 6.94  | 283.6  | 2.09 | NaN   |
| 1998/10/04 21:00:00 | 108.05 | 7.1   | 204.39 | 2.49 | NaN   |
| 1998/10/04 22:00:00 | 129.36 | 8.59  | 290.76 | 2.8  | NaN   |
| 1998/10/04 23:00:00 | 116.24 | 7.93  | 161.65 | 3.55 | NaN   |
| 1998/10/05 00:00:00 | 116.92 | 7.52  | 173.44 | 3.1  | NaN   |
| 1998/10/05 01:00:00 | 113.75 | 9.12  | 317.56 | 3.87 | NaN   |
| 1998/10/05 02:00:00 | 106.89 | 7.93  | 270.22 | 3.17 | NaN   |
| 1998/10/05 03:00:00 | 110.92 | 7.84  | 172.74 | 2.69 | NaN   |
| 1998/10/05 04:00:00 | 106.75 | 7.91  | 298.54 | 2.54 | NaN   |
| 1998/10/05 05:00:00 | 108.06 | 7.25  | 308.7  | 2.08 | NaN   |
| 1998/10/05 06:00:00 | 103.69 | 8.05  | 341.98 | 2.67 | NaN   |
| 1998/10/05 07:00:00 | 100.75 | 9.08  | 292.66 | 2.78 | NaN   |
| 1998/10/05 08:00:00 | 103.74 | 9.01  | 285.78 | 2.81 | NaN   |
| 1998/10/05 09:00:00 | 180.41 | 8.95  | 286.39 | 3.13 | NaN   |
| 1998/10/05 10:00:00 | 343.3  | 9.24  | 190.92 | 4.13 | -0.24 |
| 1998/10/05 11:00:00 | 160.12 | 12.12 | 157.33 | 7.09 | -0.94 |
| 1998/10/05 12:00:00 | 129.07 | 11.96 | 151.89 | 7.69 | -0.81 |
| 1998/10/05 13:00:00 | 131.05 | 11.37 | 156.48 | 7.13 | -0.78 |
| 1998/10/05 14:00:00 | 133.75 | 11.33 | 161.75 | 7.48 | -0.76 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/10/05 15:00:00 | 131.24 | 12.17 | 156.07 | 8.09 | -0.8  |
| 1998/10/05 16:00:00 | 132.72 | 12.07 | 158.07 | 8.22 | -0.8  |
| 1998/10/05 17:00:00 | 134.04 | 9.69  | 158.14 | 6.79 | -0.7  |
| 1998/10/05 18:00:00 | 120.5  | 9.99  | 155.18 | 4.68 | -0.5  |
| 1998/10/05 19:00:00 | 115.35 | 9.33  | 192.72 | 3.39 | -0.3  |
| 1998/10/05 20:00:00 | 121.99 | 9.15  | 218.98 | 3.08 | -0.43 |
| 1998/10/05 21:00:00 | 107.43 | 8.54  | 235.47 | 3    | -0.55 |
| 1998/10/05 22:00:00 | 102.04 | 9.19  | 313.19 | 3.49 | -0.57 |
| 1998/10/05 23:00:00 | 186.81 | 10.81 | 183.59 | 4.07 | -0.53 |
| 1998/10/06 00:00:00 | 113.02 | 11.89 | 158.61 | 5.34 | -0.45 |
| 1998/10/06 01:00:00 | 115.02 | 9.5   | 160.48 | 4.4  | -0.38 |
| 1998/10/06 02:00:00 | 110.61 | 8.6   | 174.95 | 3.57 | -0.63 |
| 1998/10/06 03:00:00 | 110.21 | 9.38  | 196.85 | 3.86 | -0.61 |
| 1998/10/06 04:00:00 | 112.53 | 7.73  | 166.49 | 3.04 | -0.53 |
| 1998/10/06 05:00:00 | 109.79 | 7.46  | 239.1  | 2.46 | -0.42 |
| 1998/10/06 06:00:00 | 107.59 | 5.95  | 313.19 | 1.97 | -0.42 |
| 1998/10/06 07:00:00 | 318.48 | 6.86  | 336.21 | 2.59 | -0.52 |
| 1998/10/06 08:00:00 | 259.73 | 6.17  | 246.25 | 2.16 | -0.61 |
| 1998/10/06 09:00:00 | 219.05 | 9.22  | 220.93 | 4.25 | -0.95 |
| 1998/10/06 10:00:00 | 117.08 | 10.13 | 151.42 | 6.14 | -0.95 |
| 1998/10/06 11:00:00 | 127.9  | 12.48 | 151.36 | 8.31 | -0.9  |
| 1998/10/06 12:00:00 | 140.12 | 11.24 | 159.37 | 8.03 | -0.83 |
| 1998/10/06 13:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 14:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 15:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 16:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 17:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 18:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 19:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 20:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 21:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 22:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/06 23:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 00:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 01:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 02:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 03:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 04:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 05:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 06:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 07:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 08:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 09:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 10:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 11:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 12:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 13:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 14:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 15:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 16:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 17:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 18:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 19:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 20:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 21:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/10/07 22:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |



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|                     |        |      |        |      |
|---------------------|--------|------|--------|------|
| 1998/10/07 23:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 00:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 01:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 02:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 03:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 04:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 05:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 06:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 07:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 08:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 09:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 10:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 11:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 12:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 13:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 14:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 15:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 16:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 17:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 18:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 19:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 20:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 21:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 22:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/08 23:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 00:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 01:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 02:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 03:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 04:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 05:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 06:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 07:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 08:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 09:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 10:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 11:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 12:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 13:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 14:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 15:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 16:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 17:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 18:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 19:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 20:00:00 | NaN    | NaN  | NaN    | NaN  |
| 1998/10/09 21:00:00 | 335.22 | 5.64 | 397.16 | 2.34 |
| 1998/10/09 22:00:00 | 362.87 | 8.22 | 391.63 | 2.56 |
| 1998/10/09 23:00:00 | 355.26 | 7.6  | 408.27 | 2.48 |
| 1998/10/10 00:00:00 | 349.69 | 6.95 | 188.6  | 2.15 |
| 1998/10/10 01:00:00 | 358.14 | 7.98 | 397.89 | 2.31 |
| 1998/10/10 02:00:00 | 365.27 | 9.6  | 376.97 | 3.3  |
| 1998/10/10 03:00:00 | 371.68 | 7.81 | 401.95 | 1.88 |
| 1998/10/10 04:00:00 | 381.3  | 7.37 | 369.38 | 1.11 |
| 1998/10/10 05:00:00 | 404.86 | 8.75 | 447.47 | 1.94 |
| 1998/10/10 06:00:00 | 408.25 | 4.06 | 211.39 | 1.27 |

## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/10/10 07:00:00 | 420.62 | 6.94 | 292.27 | 1.29 | 0.91  |
| 1998/10/10 08:00:00 | 417.71 | 5.33 | 434.45 | 1.11 | -0.12 |
| 1998/10/10 09:00:00 | 419.72 | 3.22 | 429.57 | 1.5  | 0.5   |
| 1998/10/10 10:00:00 | 420.59 | 4.61 | 400.73 | 3.31 | -0.52 |
| 1998/10/10 11:00:00 | 357.3  | 3.26 | 282.75 | 2.55 | -0.31 |
| 1998/10/10 12:00:00 | 268.06 | 3.95 | 282.55 | 3.5  | 0.34  |
| 1998/10/10 13:00:00 | 268.02 | 4.78 | 307.06 | 4.2  | 0.6   |
| 1998/10/10 14:00:00 | 271.57 | 5.6  | 277.56 | 4.09 | 0.7   |
| 1998/10/10 15:00:00 | 254.76 | 6.06 | 264.02 | 4.53 | 0.07  |
| 1998/10/10 16:00:00 | 262.8  | 5.21 | 264.46 | 3.76 | -0.05 |
| 1998/10/10 17:00:00 | 261.78 | 4.92 | 272.69 | 3.66 | -0.27 |
| 1998/10/10 18:00:00 | 245.4  | 3.29 | 217.6  | 2.1  | -0.45 |
| 1998/10/10 19:00:00 | 271.55 | 3.49 | 43.43  | 2.13 | 3.03  |
| 1998/10/10 20:00:00 | 308.11 | 4.05 | 46.28  | 2.78 | 6.49  |
| 1998/10/10 21:00:00 | 305.31 | 3.78 | 52.66  | 2.6  | 7.83  |
| 1998/10/10 22:00:00 | 337.03 | 1.92 | 51.78  | 2.96 | 8.32  |
| 1998/10/10 23:00:00 | 328.03 | 2.05 | 58.16  | 2.22 | 7.72  |
| 1998/10/11 00:00:00 | 444.57 | 2.62 | 54.74  | 2.26 | 6.99  |
| 1998/10/11 01:00:00 | 432.45 | 6.3  | 62.15  | 1.83 | 5.5   |
| 1998/10/11 02:00:00 | 436.18 | 6.68 | 51.04  | 1.77 | 4.71  |
| 1998/10/11 03:00:00 | 445.23 | 7.46 | 55.98  | 1.14 | 3.88  |
| 1998/10/11 04:00:00 | 448.01 | 7.16 | 62.4   | 1.07 | 3.53  |
| 1998/10/11 05:00:00 | 450.04 | 6.87 | 75.59  | 1.42 | 4.37  |
| 1998/10/11 06:00:00 | 458.35 | 7.32 | 73.91  | 2.2  | 1.44  |
| 1998/10/11 07:00:00 | 460.66 | 8.99 | 87.1   | 3.2  | 2.91  |
| 1998/10/11 08:00:00 | 455.5  | 8.12 | 85.34  | 3.24 | 5.17  |
| 1998/10/11 09:00:00 | 455.42 | 7.59 | 154.43 | 2.07 | 2.85  |
| 1998/10/11 10:00:00 | 313.1  | 5.39 | 202.29 | 2.23 | -0.28 |
| 1998/10/11 11:00:00 | 277.66 | 3.76 | 170.51 | 3    | -0.34 |
| 1998/10/11 12:00:00 | 189.18 | 3.52 | 217.32 | 2.99 | -0.24 |
| 1998/10/11 13:00:00 | 291.68 | 5.05 | 267.99 | 3.89 | -0.24 |
| 1998/10/11 14:00:00 | 255.99 | 3.38 | 295.11 | 2.99 | 0.12  |
| 1998/10/11 15:00:00 | 286.93 | 4.78 | 298.94 | 3.47 | 0.26  |
| 1998/10/11 16:00:00 | 275.32 | 4.73 | 281.62 | 3.94 | 0.09  |
| 1998/10/11 17:00:00 | 281.34 | 4.48 | 286.92 | 3.06 | -0.44 |
| 1998/10/11 18:00:00 | 314.08 | 4.65 | 329.74 | 2.6  | -0.47 |
| 1998/10/11 19:00:00 | 305.77 | 5.28 | 395.67 | 2.31 | 4.16  |
| 1998/10/11 20:00:00 | 300.13 | 4.51 | 406.34 | 2.66 | 7.95  |
| 1998/10/11 21:00:00 | 334.88 | 5.38 | 408.29 | 3.35 | 10.19 |
| 1998/10/11 22:00:00 | 365.76 | 4.62 | 419.98 | 2.41 | 11.3  |
| 1998/10/11 23:00:00 | 413.78 | 4.3  | 432.34 | 2.04 | 9.31  |
| 1998/10/12 00:00:00 | 462.28 | 7.98 | 436.82 | 2.5  | 6.89  |
| 1998/10/12 01:00:00 | 452.43 | 4.19 | 396.82 | 2.94 | 9.84  |
| 1998/10/12 02:00:00 | 460.19 | 4.78 | 421.09 | 2.1  | 8.79  |
| 1998/10/12 03:00:00 | 467.02 | 3.83 | 412.18 | 2.48 | 8.77  |
| 1998/10/12 04:00:00 | 435.5  | 1.7  | 405.8  | 2.11 | 6.32  |
| 1998/10/12 05:00:00 | 330.52 | 4.16 | 404.17 | 2.08 | 0.81  |
| 1998/10/12 06:00:00 | 379.29 | 6.41 | 420.39 | 1.17 | 1.61  |
| 1998/10/12 07:00:00 | 366.37 | 5.01 | 418.98 | 1.26 | 7.33  |
| 1998/10/12 08:00:00 | 384.71 | 3.86 | 416.6  | 1.25 | 6.49  |
| 1998/10/12 09:00:00 | 389.76 | 3.3  | 397.5  | 0.74 | 5.34  |
| 1998/10/12 10:00:00 | 322    | 1.96 | 210.8  | 1.76 | 1.49  |
| 1998/10/12 11:00:00 | 305.7  | 2.75 | 283    | 2.42 | 0.01  |
| 1998/10/12 12:00:00 | 295.91 | 5.78 | 308.04 | 4.41 | 0.23  |
| 1998/10/12 13:00:00 | 292.27 | 6.73 | 305.02 | 4.76 | 0.26  |
| 1998/10/12 14:00:00 | 295.88 | 6.54 | 306.39 | 4.56 | 0.27  |

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|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/10/12 15:00:00 | 303.91 | 6.7  | 313.85 | 4.82 | -0.08 |
| 1998/10/12 16:00:00 | 308.8  | 5.24 | 314.94 | 3.69 | -0.18 |
| 1998/10/12 17:00:00 | 312.88 | 3.77 | 323.77 | 2.89 | -0.54 |
| 1998/10/12 18:00:00 | 335.63 | 2.65 | 378.47 | 1.56 | 0.31  |
| 1998/10/12 19:00:00 | 345.4  | 4.68 | 408.99 | 2.5  | 4.41  |
| 1998/10/12 20:00:00 | 375.21 | 5.71 | 407.33 | 2.73 | 8.24  |
| 1998/10/12 21:00:00 | 351.16 | 3.79 | 411.16 | 1.93 | 7.9   |
| 1998/10/12 22:00:00 | 353.93 | 5.04 | 412.59 | 1.88 | 7.84  |
| 1998/10/12 23:00:00 | 357.58 | 5.82 | 407.58 | 1.83 | 8.15  |
| 1998/10/13 00:00:00 | 338.24 | 5.33 | 408.73 | 1.65 | 3.38  |
| 1998/10/13 01:00:00 | 336.05 | 4.85 | 405.97 | 1.19 | 2.45  |
| 1998/10/13 02:00:00 | 322.1  | 4.22 | 269.46 | 1.39 | -0.92 |
| 1998/10/13 03:00:00 | 338.48 | 5.04 | 413.29 | 1.47 | -0.44 |
| 1998/10/13 04:00:00 | 347.95 | 4.27 | 415.18 | 1.55 | -0.81 |
| 1998/10/13 05:00:00 | 378.03 | 3.24 | 403.63 | 1.83 | -0.19 |
| 1998/10/13 06:00:00 | 356.69 | 4.72 | 380.11 | 1.46 | -1.01 |
| 1998/10/13 07:00:00 | 387.79 | 3.92 | 410.78 | 1.35 | -0.92 |
| 1998/10/13 08:00:00 | 374.29 | 5.33 | 417.68 | 1.5  | -0.53 |
| 1998/10/13 09:00:00 | 385.81 | 3.38 | 262.26 | 1.27 | 1.38  |
| 1998/10/13 10:00:00 | 352.96 | 2.99 | 262.33 | 2.19 | 0.11  |
| 1998/10/13 11:00:00 | 326.76 | 3.67 | 317.29 | 2.98 | 0.14  |
| 1998/10/13 12:00:00 | 305.7  | 5.22 | 286.9  | 4.16 | 0.05  |
| 1998/10/13 13:00:00 | 303.46 | 6.81 | 316.14 | 5.19 | 0.33  |
| 1998/10/13 14:00:00 | 305.23 | 7.51 | 311.6  | 5.21 | -0.2  |
| 1998/10/13 15:00:00 | 297.18 | 7.48 | 304.25 | 4.9  | -0.13 |
| 1998/10/13 16:00:00 | 312.19 | 6.21 | 318.21 | 4.56 | -0.22 |
| 1998/10/13 17:00:00 | 342.64 | 6.29 | 356.47 | 4.12 | -0.46 |
| 1998/10/13 18:00:00 | 342    | 5.21 | 364.29 | 2.47 | -0.08 |
| 1998/10/13 19:00:00 | 363.47 | 5.93 | 404.88 | 2.27 | 3.16  |
| 1998/10/13 20:00:00 | 376.8  | 8.36 | 390.42 | 2.41 | 4.79  |
| 1998/10/13 21:00:00 | 376.48 | 8.3  | 382.96 | 2.31 | 4.57  |
| 1998/10/13 22:00:00 | 374.69 | 6.97 | 401.2  | 1.88 | 6     |
| 1998/10/13 23:00:00 | 374.05 | 6.69 | 403.7  | 1.67 | 6.22  |
| 1998/10/14 00:00:00 | 347.67 | 4.49 | 395.81 | 1.62 | 5.32  |
| 1998/10/14 01:00:00 | 343.05 | 7.26 | 345.8  | 1.83 | 2.56  |
| 1998/10/14 02:00:00 | 361.85 | 9.05 | 376.18 | 2.7  | 0.55  |
| 1998/10/14 03:00:00 | 377.37 | 5.45 | 421.98 | 1.11 | 1.78  |
| 1998/10/14 04:00:00 | 388.74 | 6.73 | 414.61 | 1.22 | 2.1   |
| 1998/10/14 05:00:00 | 399.42 | 7.3  | 350.2  | 1.52 | 2.02  |
| 1998/10/14 06:00:00 | 403.08 | 6.49 | 326.37 | 1.16 | 1.42  |
| 1998/10/14 07:00:00 | 407.96 | 7.49 | 225.65 | 1.22 | 0.91  |
| 1998/10/14 08:00:00 | 412.6  | 8.43 | 326.71 | 1.78 | 0.56  |
| 1998/10/14 09:00:00 | 434.49 | 8.48 | 369.53 | 2.41 | 0.02  |
| 1998/10/14 10:00:00 | 297.94 | 8.32 | 337.16 | 3.71 | -0.52 |
| 1998/10/14 11:00:00 | 336.57 | 5.69 | 310.16 | 3.56 | -0.57 |
| 1998/10/14 12:00:00 | 349.47 | 3.82 | 373.08 | 3.7  | -0.29 |
| 1998/10/14 13:00:00 | 251.05 | 4.11 | 284.37 | 3.33 | -0.07 |
| 1998/10/14 14:00:00 | 279.38 | 3.84 | 295.57 | 2.84 | 0.05  |
| 1998/10/14 15:00:00 | 298.93 | 3.44 | 317.54 | 2.5  | 0.21  |
| 1998/10/14 16:00:00 | 362.77 | 4.26 | 321.27 | 2.97 | -0.26 |
| 1998/10/14 17:00:00 | 337.79 | 3.04 | 301.64 | 2.31 | -0.62 |
| 1998/10/14 18:00:00 | 311.72 | 3.63 | 343.51 | 1.85 | 0.28  |
| 1998/10/14 19:00:00 | 328.02 | 5.06 | 404.75 | 2.53 | 4.12  |
| 1998/10/14 20:00:00 | 349.81 | 5.21 | 406.12 | 3.42 | 7.26  |
| 1998/10/14 21:00:00 | 380.33 | 4.08 | 431.4  | 1.83 | 7.95  |
| 1998/10/14 22:00:00 | 413.06 | 7.07 | 424.71 | 1.97 | 8.76  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/10/14 23:00:00 | 426.96 | 9.19  | 464.46 | 1.37 | 7.2   |
| 1998/10/15 00:00:00 | 442.59 | 10.59 | 439.38 | 1.68 | 5.8   |
| 1998/10/15 01:00:00 | 112.2  | 7.5   | 88.13  | 2.45 | 5.07  |
| 1998/10/15 02:00:00 | 97.44  | 8.09  | 93.57  | 2.26 | 2.66  |
| 1998/10/15 03:00:00 | 100.81 | 8.26  | 427.36 | 3.13 | 0.88  |
| 1998/10/15 04:00:00 | 113.6  | 8.58  | 440.15 | 3.57 | 2.62  |
| 1998/10/15 05:00:00 | 111.09 | 10.03 | 405.51 | 4.13 | 3.2   |
| 1998/10/15 06:00:00 | 107.66 | 10.39 | 80.27  | 4.83 | 2.51  |
| 1998/10/15 07:00:00 | 110.33 | 8.37  | 100.83 | 3.56 | 3.41  |
| 1998/10/15 08:00:00 | 103.08 | 8.04  | 432.29 | 2.82 | 3.98  |
| 1998/10/15 09:00:00 | 101.15 | 7.04  | 326.73 | 3.1  | 2.85  |
| 1998/10/15 10:00:00 | 296.19 | 4.06  | 213.7  | 2.66 | -0.3  |
| 1998/10/15 11:00:00 | 290.66 | 3.77  | 362.22 | 3.11 | -0.47 |
| 1998/10/15 12:00:00 | 225.92 | 5.42  | 250.98 | 3.78 | -0.46 |
| 1998/10/15 13:00:00 | 231.9  | 7.02  | 193.81 | 5.07 | -0.53 |
| 1998/10/15 14:00:00 | 130.74 | 6.94  | 192.33 | 5.2  | -0.42 |
| 1998/10/15 15:00:00 | 117.9  | 6.15  | 166.98 | 4.4  | -0.45 |
| 1998/10/15 16:00:00 | 142.75 | 6.25  | 170.61 | 4.79 | -0.57 |
| 1998/10/15 17:00:00 | 138.23 | 6.96  | 155.28 | 4.73 | -0.67 |
| 1998/10/15 18:00:00 | 113.16 | 4.73  | 202    | 2.37 | -0.56 |
| 1998/10/15 19:00:00 | 95.62  | 5.26  | 56.89  | 2.32 | 2.42  |
| 1998/10/15 20:00:00 | 90.03  | 6.23  | 399.81 | 2.32 | 2.84  |
| 1998/10/15 21:00:00 | 91.8   | 6.86  | 358.06 | 2.15 | 1.57  |
| 1998/10/15 22:00:00 | 99.24  | 7.6   | 367.26 | 2.6  | 0.04  |
| 1998/10/15 23:00:00 | 301.5  | 7.31  | 346.57 | 2.4  | -0.4  |
| 1998/10/16 00:00:00 | 457.33 | 8.19  | 355.98 | 2.9  | -0.33 |
| 1998/10/16 01:00:00 | 120.41 | 7.77  | 326.85 | 2.63 | -0.26 |
| 1998/10/16 02:00:00 | 206.73 | 7.86  | 305.79 | 2.28 | -0.32 |
| 1998/10/16 03:00:00 | NaN    | NaN   | 303.27 | NaN  | NaN   |
| 1998/10/16 04:00:00 | NaN    | NaN   | 0      | NaN  | NaN   |
| 1998/10/16 05:00:00 | 146.22 | 9.11  | 372.08 | 3.02 | -0.58 |
| 1998/10/16 06:00:00 | 348.9  | 9.18  | 279.65 | 3.16 | -0.73 |
| 1998/10/16 07:00:00 | 102.22 | 8.28  | 370.31 | 3.23 | -0.64 |
| 1998/10/16 08:00:00 | 97.65  | 9.01  | 346.25 | 3.55 | -0.56 |
| 1998/10/16 09:00:00 | 264.84 | 9     | 234.75 | 3.61 | -0.99 |
| 1998/10/16 10:00:00 | 134.05 | 11.24 | 197.06 | 5.49 | -1.03 |
| 1998/10/16 11:00:00 | 149.35 | 11.8  | 175.37 | 6.5  | -0.84 |
| 1998/10/16 12:00:00 | 133.25 | 11.1  | 175.34 | 6.62 | -0.8  |
| 1998/10/16 13:00:00 | 110.04 | 11.5  | 154.57 | 6.53 | -0.81 |
| 1998/10/16 14:00:00 | 120.3  | 11.08 | 177.32 | 6.75 | -0.8  |
| 1998/10/16 15:00:00 | 258.29 | 10.22 | 173.29 | 5.96 | -0.77 |
| 1998/10/16 16:00:00 | 128.79 | 10.66 | 154.61 | 6.59 | -0.79 |
| 1998/10/16 17:00:00 | 125.14 | 11.2  | 149.77 | 6.71 | -0.84 |
| 1998/10/16 18:00:00 | 118.59 | 9.25  | 146.53 | 4.39 | -0.7  |
| 1998/10/16 19:00:00 | 118.23 | 8.91  | 209.65 | 2.63 | -0.04 |
| 1998/10/16 20:00:00 | 111.71 | 9.13  | 283.57 | 2.57 | 0.07  |
| 1998/10/16 21:00:00 | 108.58 | 9.43  | 229.98 | 2.67 | -0.26 |
| 1998/10/16 22:00:00 | 253.32 | 10.12 | 188.17 | 3.56 | -0.35 |
| 1998/10/16 23:00:00 | 119.08 | 9.18  | 152.94 | 3.37 | -0.36 |
| 1998/10/17 00:00:00 | 115.64 | 7.48  | 239.8  | 1.99 | -0.16 |
| 1998/10/17 01:00:00 | 117.07 | 5.68  | 369.39 | 1.65 | 1.09  |
| 1998/10/17 02:00:00 | 99.3   | 5.78  | 397.33 | 2.1  | 0.6   |
| 1998/10/17 03:00:00 | 91.25  | 7.42  | 405.82 | 2.71 | 0.19  |
| 1998/10/17 04:00:00 | 91.01  | 9.76  | 414.78 | 3.51 | -0.32 |
| 1998/10/17 05:00:00 | 89.67  | 12.27 | 422.46 | 4.92 | -0.24 |
| 1998/10/17 06:00:00 | 228.35 | 11.38 | 335.95 | 4.01 | -0.2  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/10/17 07:00:00 | 457.17 | 10.3  | 347    | 3.3  | -0.38 |
| 1998/10/17 08:00:00 | 446.81 | 11.73 | 355.25 | 4.96 | -0.84 |
| 1998/10/17 09:00:00 | 446.81 | 11.73 | 304.1  | 4.96 | -0.84 |
| 1998/10/17 10:00:00 | 217.95 | 11.38 | 245.41 | 4.86 | -1.08 |
| 1998/10/17 11:00:00 | 108.12 | 12.4  | 192.24 | 6.27 | -0.94 |
| 1998/10/17 12:00:00 | 145.97 | 12.4  | 167.66 | 6.94 | -0.95 |
| 1998/10/17 13:00:00 | 180.72 | 13.19 | 158.32 | 8.42 | -0.89 |
| 1998/10/17 14:00:00 | 132.24 | 11.84 | 158.37 | 7.61 | -0.91 |
| 1998/10/17 15:00:00 | 134.94 | 12.04 | 153.42 | 8.07 | -0.83 |
| 1998/10/17 16:00:00 | 134.94 | 12.04 | 158.62 | 8.07 | -0.83 |
| 1998/10/17 17:00:00 | 115.98 | 9.46  | 144.46 | 5.66 | -0.8  |
| 1998/10/17 18:00:00 | 147.86 | 8.6   | 152.32 | 3.76 | -0.64 |
| 1998/10/17 19:00:00 | 469.19 | 6.81  | 357.83 | 2.01 | -0.08 |
| 1998/10/17 20:00:00 | 474.64 | 8.31  | 270.61 | 2.4  | -0.05 |
| 1998/10/17 21:00:00 | 294.35 | 9.35  | 221.84 | 3.55 | -0.4  |
| 1998/10/17 22:00:00 | 116.32 | 8.15  | 303.24 | 2.92 | -0.53 |
| 1998/10/17 23:00:00 | 151.97 | 8.87  | 238.93 | 3.06 | -0.66 |
| 1998/10/18 00:00:00 | 180.1  | 7.96  | 267.15 | 2.63 | -0.62 |
| 1998/10/18 01:00:00 | 168.96 | 8.45  | 257.69 | 3.09 | -0.38 |
| 1998/10/18 02:00:00 | 175.85 | 8.66  | 255.16 | 3    | -0.45 |
| 1998/10/18 03:00:00 | 104.71 | 7.64  | 323.69 | 3.03 | -0.36 |
| 1998/10/18 04:00:00 | 99.31  | 8.8   | 320.34 | 3.54 | -0.28 |
| 1998/10/18 05:00:00 | 103.06 | 8     | 286.37 | 2.9  | -0.37 |
| 1998/10/18 06:00:00 | 101.25 | 7.96  | 305.33 | 2.87 | -0.44 |
| 1998/10/18 07:00:00 | 193.49 | 7.36  | 290.3  | 2.62 | -0.49 |
| 1998/10/18 08:00:00 | 104.82 | 7.17  | 306.35 | 2.46 | -0.5  |
| 1998/10/18 09:00:00 | 106.72 | 7.01  | 261.92 | 3.12 | -0.66 |
| 1998/10/18 10:00:00 | 149.88 | 6.83  | 155    | 4.04 | -1.12 |
| 1998/10/18 11:00:00 | 167.01 | 8.81  | 150.58 | 5.11 | -1.16 |
| 1998/10/18 12:00:00 | 126.39 | 10.67 | 156.2  | 6.9  | -0.89 |
| 1998/10/18 13:00:00 | 158.51 | 9.23  | 178.13 | 6.75 | -0.65 |
| 1998/10/18 14:00:00 | 182.47 | 7.96  | 197.41 | 5.84 | -0.51 |
| 1998/10/18 15:00:00 | 179.03 | 7.27  | 191.83 | 5.25 | -0.39 |
| 1998/10/18 16:00:00 | 173.85 | 8.07  | 191.36 | 5.33 | -0.47 |
| 1998/10/18 17:00:00 | 182.21 | 5.77  | 200.74 | 2.9  | -0.3  |
| 1998/10/18 18:00:00 | 194.23 | 5.71  | 266.97 | 1.69 | 0.91  |
| 1998/10/18 19:00:00 | 237.25 | 3.48  | 396.18 | 1.9  | 2.69  |
| 1998/10/18 20:00:00 | 302.67 | 3.26  | 383.11 | 2.28 | 3.21  |
| 1998/10/18 21:00:00 | 325.38 | 6.81  | 345.75 | 2.76 | 0.04  |
| 1998/10/18 22:00:00 | 341.22 | 5.65  | 369.24 | 2.05 | -0.5  |
| 1998/10/18 23:00:00 | 357.75 | 5.28  | 362.33 | 1.72 | -0.38 |
| 1998/10/19 00:00:00 | 426.42 | 4.44  | 360.08 | 1.36 | -0.09 |
| 1998/10/19 01:00:00 | 404.23 | 2.9   | 426.64 | 2.02 | -0.33 |
| 1998/10/19 02:00:00 | 290.32 | 3.77  | 292.57 | 1.99 | -0.68 |
| 1998/10/19 03:00:00 | 344    | 5.54  | 369.15 | 3.13 | -0.9  |
| 1998/10/19 04:00:00 | 316.79 | 10.68 | 329.57 | 5.74 | 0.12  |
| 1998/10/19 05:00:00 | 322.58 | 7.93  | 330.23 | 4.36 | 1.09  |
| 1998/10/19 06:00:00 | 364.72 | 6.79  | 375.84 | 3.86 | 0.31  |
| 1998/10/19 07:00:00 | 381.18 | 6.22  | 386.91 | 3.5  | -0.71 |
| 1998/10/19 08:00:00 | 390.13 | 4.13  | 351.82 | 1.85 | -1.76 |
| 1998/10/19 09:00:00 | 417.56 | 5.28  | 384.96 | 2.43 | -1.7  |
| 1998/10/19 10:00:00 | 389.12 | 4.6   | 360.37 | 3.04 | -1.23 |
| 1998/10/19 11:00:00 | 395.75 | 5.3   | 384.05 | 3.46 | -0.93 |
| 1998/10/19 12:00:00 | 366.58 | 3.19  | 349.01 | 2.62 | -1.23 |
| 1998/10/19 13:00:00 | 321.22 | 4.66  | 329.74 | 3.6  | -1.1  |
| 1998/10/19 14:00:00 | 316.6  | 7.39  | 337.15 | 4.17 | -0.2  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/10/19 15:00:00 | 321.74 | 10.47 | 329.16 | 6.29 | 0.54  |
| 1998/10/19 16:00:00 | 333.75 | 8.92  | 343.04 | 5.46 | 0.21  |
| 1998/10/19 17:00:00 | 337.37 | 9.14  | 347.27 | 5.35 | 0.27  |
| 1998/10/19 18:00:00 | 338.81 | 10.1  | 350.31 | 5.75 | 0.83  |
| 1998/10/19 19:00:00 | 343.5  | 9.52  | 354.1  | 5.73 | 1.44  |
| 1998/10/19 20:00:00 | 362.27 | 7.27  | 372.45 | 3.96 | 0.13  |
| 1998/10/19 21:00:00 | 374.26 | 6.72  | 382.85 | 3.49 | -0.77 |
| 1998/10/19 22:00:00 | 372.7  | 5.43  | 376.43 | 2.93 | -0.95 |
| 1998/10/19 23:00:00 | 356.89 | 6.02  | 358.77 | 3.51 | -1.25 |
| 1998/10/20 00:00:00 | 366.16 | 6.93  | 374.44 | 3.89 | -0.97 |
| 1998/10/20 01:00:00 | 373.53 | 6.38  | 374.61 | 3.71 | -0.65 |
| 1998/10/20 02:00:00 | 384.27 | 5.75  | 385.91 | 3.25 | -0.83 |
| 1998/10/20 03:00:00 | 358.95 | 6.31  | 359.81 | 3.93 | -0.94 |
| 1998/10/20 04:00:00 | 365.34 | 6.26  | 370.75 | 3.38 | -0.8  |
| 1998/10/20 05:00:00 | 364.43 | 6.48  | 371    | 3.55 | -0.9  |
| 1998/10/20 06:00:00 | 374.03 | 6.63  | 374.09 | 3.76 | -0.83 |
| 1998/10/20 07:00:00 | 364.33 | 7.2   | 369.87 | 3.99 | -0.84 |
| 1998/10/20 08:00:00 | 371.63 | 6.53  | 375.55 | 3.68 | -0.85 |
| 1998/10/20 09:00:00 | 357.33 | 6.28  | 354.12 | 3.36 | -0.82 |
| 1998/10/20 10:00:00 | 360.42 | 6.23  | 364.9  | 3.86 | -0.93 |
| 1998/10/20 11:00:00 | 382.07 | 8.02  | 384    | 5.51 | -1.31 |
| 1998/10/20 12:00:00 | 386.45 | 8.22  | 389.29 | 5.4  | -1.21 |
| 1998/10/20 13:00:00 | 391.65 | 7.01  | 396.95 | 5.1  | -0.89 |
| 1998/10/20 14:00:00 | 380.34 | 8     | 387.49 | 5.86 | -0.56 |
| 1998/10/20 15:00:00 | 356.53 | 7.27  | 369.85 | 4.91 | -0.43 |
| 1998/10/20 16:00:00 | 349.83 | 9.46  | 357.34 | 6.5  | -0.49 |
| 1998/10/20 17:00:00 | 343.84 | 8.04  | 351.16 | 5.57 | -0.6  |
| 1998/10/20 18:00:00 | 355.2  | 7.18  | 361.91 | 4.14 | -0.83 |
| 1998/10/20 19:00:00 | 372.6  | 7.29  | 381.11 | 3.7  | -0.76 |
| 1998/10/20 20:00:00 | 386.16 | 6.16  | 393.6  | 2.76 | -0.63 |
| 1998/10/20 21:00:00 | 351.27 | 5.49  | 353.48 | 1.88 | -0.48 |
| 1998/10/20 22:00:00 | 366.08 | 6.52  | 359.7  | 2.58 | -0.46 |
| 1998/10/20 23:00:00 | 364.95 | 5.86  | 354.82 | 2.26 | -0.27 |
| 1998/10/21 00:00:00 | 366.81 | 7.29  | 367.06 | 2.67 | -0.22 |
| 1998/10/21 01:00:00 | 378.37 | 7.06  | 352.85 | 2.46 | 0.03  |
| 1998/10/21 02:00:00 | 381.17 | 6.93  | 383.45 | 2.39 | 0.19  |
| 1998/10/21 03:00:00 | 377.58 | 7.63  | 375.12 | 3.37 | -0.17 |
| 1998/10/21 04:00:00 | 381.1  | 7.71  | 346.82 | 3.32 | -0.28 |
| 1998/10/21 05:00:00 | 374.85 | 7.14  | 382.55 | 2.61 | -0.2  |
| 1998/10/21 06:00:00 | 362.95 | 7.01  | 349.39 | 2.89 | -0.27 |
| 1998/10/21 07:00:00 | 372.03 | 8.5   | 372.17 | 3.61 | -0.2  |
| 1998/10/21 08:00:00 | 373.76 | 8.58  | 377.31 | 4.13 | -0.42 |
| 1998/10/21 09:00:00 | 378.76 | 8.95  | 381.56 | 4.83 | -0.56 |
| 1998/10/21 10:00:00 | 368.73 | 7.78  | 370.08 | 4.41 | -0.66 |
| 1998/10/21 11:00:00 | 379.03 | 7.7   | 386.73 | 4.73 | -0.67 |
| 1998/10/21 12:00:00 | 362.23 | 8.28  | 367.09 | 5.61 | -0.51 |
| 1998/10/21 13:00:00 | 350.31 | 7     | 360.77 | 5.26 | -0.33 |
| 1998/10/21 14:00:00 | 346.23 | 6.82  | 351.25 | 4.97 | -0.1  |
| 1998/10/21 15:00:00 | 316.97 | 6.97  | 322.83 | 4.87 | -0.3  |
| 1998/10/21 16:00:00 | 324.42 | 7.04  | 332.24 | 4.95 | -0.26 |
| 1998/10/21 17:00:00 | 342.59 | 7     | 351.16 | 4.11 | -0.55 |
| 1998/10/21 18:00:00 | 296.8  | 3.7   | 297.52 | 2.12 | -0.9  |
| 1998/10/21 19:00:00 | 294.5  | 3.95  | 55.41  | 1.99 | 3.11  |
| 1998/10/21 20:00:00 | 325.24 | 7.79  | 257.44 | 2.45 | 3.89  |
| 1998/10/21 21:00:00 | 332.41 | 8.66  | 346.93 | 2.96 | 0.83  |
| 1998/10/21 22:00:00 | 336.75 | 9.56  | 352.59 | 3.28 | 0.7   |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/10/21 23:00:00 | 347.24 | 9.88  | 368.36 | 3.73  | 0.2   |
| 1998/10/22 00:00:00 | 359.21 | 9.1   | 370.46 | 3.24  | 0.03  |
| 1998/10/22 01:00:00 | 352.59 | 8.35  | 358.2  | 2.98  | 0.35  |
| 1998/10/22 02:00:00 | 353.96 | 6.95  | 386.74 | 1.89  | 1.83  |
| 1998/10/22 03:00:00 | 351.99 | 8.9   | 363.42 | 2.91  | 0.76  |
| 1998/10/22 04:00:00 | 361.41 | 10.66 | 361.32 | 4.4   | -0.08 |
| 1998/10/22 05:00:00 | 365.8  | 10.07 | 362.37 | 4.38  | -0.1  |
| 1998/10/22 06:00:00 | 362.59 | 9.8   | 366.74 | 3.88  | -0.25 |
| 1998/10/22 07:00:00 | 362.66 | 9.99  | 366.86 | 4.13  | -0.31 |
| 1998/10/22 08:00:00 | 363.72 | 10.14 | 369.16 | 4.75  | -0.32 |
| 1998/10/22 09:00:00 | 362.19 | 10.02 | 370.88 | 5.26  | -0.54 |
| 1998/10/22 10:00:00 | 377.33 | 11.03 | 384.84 | 6.99  | -0.7  |
| 1998/10/22 11:00:00 | 389.27 | 14.79 | 395.77 | 10.16 | -0.83 |
| 1998/10/22 12:00:00 | 365.98 | 12.08 | 374.35 | 8.5   | -0.68 |
| 1998/10/22 13:00:00 | 359.33 | 11.15 | 370.34 | 7.74  | -0.57 |
| 1998/10/22 14:00:00 | 334.64 | 11.84 | 340.68 | 7.58  | -0.72 |
| 1998/10/22 15:00:00 | 338.39 | 12.62 | 352.18 | 8.25  | -0.74 |
| 1998/10/22 16:00:00 | 340.46 | 11.47 | 353.57 | 7.44  | -0.69 |
| 1998/10/22 17:00:00 | 342.28 | 11.08 | 353.17 | 7.07  | -0.8  |
| 1998/10/22 18:00:00 | 340.42 | 10.61 | 357.14 | 6.05  | -0.76 |
| 1998/10/22 19:00:00 | 341.66 | 9.73  | 364.09 | 4.45  | -0.32 |
| 1998/10/22 20:00:00 | 345.87 | 10.65 | 355.16 | 4.65  | -0.32 |
| 1998/10/22 21:00:00 | 347.52 | 9.14  | 354.29 | 3.69  | -0.09 |
| 1998/10/22 22:00:00 | 358.76 | 10.45 | 366.13 | 4.29  | -0.19 |
| 1998/10/22 23:00:00 | 366.79 | 9.56  | 363.34 | 3.39  | 0.16  |
| 1998/10/23 00:00:00 | 361.36 | 8.75  | 365.39 | 2.84  | 0.19  |
| 1998/10/23 01:00:00 | 355.12 | 7.95  | 352.52 | 2.46  | 0.46  |
| 1998/10/23 02:00:00 | 369.55 | 8.52  | 365.95 | 2.51  | 0.68  |
| 1998/10/23 03:00:00 | 373.68 | 10.34 | 367.53 | 3.58  | 0.61  |
| 1998/10/23 04:00:00 | 373.84 | 9.37  | 364.97 | 3.18  | 0.43  |
| 1998/10/23 05:00:00 | 374.35 | 7.65  | 343.87 | 2.06  | 0.86  |
| 1998/10/23 06:00:00 | 374.54 | 8.75  | 364.8  | 2.32  | 1.59  |
| 1998/10/23 07:00:00 | 377.92 | 8.41  | 376.8  | 2.45  | 0.65  |
| 1998/10/23 08:00:00 | 371.71 | 8.2   | 375.52 | 2.78  | 0.49  |
| 1998/10/23 09:00:00 | 382.6  | 7.68  | 388.06 | 3.99  | -0.46 |
| 1998/10/23 10:00:00 | 398.09 | 7.83  | 399.49 | 5.54  | -0.67 |
| 1998/10/23 11:00:00 | 412.33 | 6.3   | 380.18 | 4.64  | -0.68 |
| 1998/10/23 12:00:00 | 307.19 | 6.05  | 247.66 | 5.05  | -0.53 |
| 1998/10/23 13:00:00 | 404.29 | 6.04  | 317.26 | 4.41  | -0.51 |
| 1998/10/23 14:00:00 | 338.6  | 5     | 309.89 | 4.12  | -0.14 |
| 1998/10/23 15:00:00 | 320.31 | 5.11  | 323.84 | 3.97  | -0.26 |
| 1998/10/23 16:00:00 | 380    | 7.14  | 380.76 | 5     | -0.69 |
| 1998/10/23 17:00:00 | 373.72 | 7.36  | 377.54 | 4.72  | -0.74 |
| 1998/10/23 18:00:00 | 380.83 | 7.19  | 380.62 | 3.48  | -0.1  |
| 1998/10/23 19:00:00 | 369.33 | 8.11  | 383.69 | 2.41  | 2.46  |
| 1998/10/23 20:00:00 | 373.81 | 8.97  | 379.95 | 2.35  | 3.5   |
| 1998/10/23 21:00:00 | 385.34 | 8.95  | 399.35 | 2.35  | 4.66  |
| 1998/10/23 22:00:00 | 410.42 | 7.57  | 439.5  | 1.89  | 6.23  |
| 1998/10/23 23:00:00 | 414.78 | 9.15  | 419.16 | 2.89  | 6.4   |
| 1998/10/24 00:00:00 | 434.63 | 9.23  | 414.16 | 2.23  | 4.95  |
| 1998/10/24 01:00:00 | 96.54  | 8.12  | 237.58 | 2.88  | 3.5   |
| 1998/10/24 02:00:00 | 92.27  | 7.95  | 400.48 | 2.46  | 3.17  |
| 1998/10/24 03:00:00 | 97.3   | 6.83  | 410.59 | 2.2   | 3.48  |
| 1998/10/24 04:00:00 | 96.11  | 7.18  | 404.32 | 2.56  | 3.27  |
| 1998/10/24 05:00:00 | 80.31  | 8.26  | 399.28 | 2.28  | 2.86  |
| 1998/10/24 06:00:00 | 77.31  | 10.56 | 389.91 | 2.18  | 2.8   |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/10/24 07:00:00 | 77.97  | 10.13 | 414.02 | 2.32 | 4.22  |
| 1998/10/24 08:00:00 | 78.78  | 9.74  | 428.03 | 1.59 | 5.82  |
| 1998/10/24 09:00:00 | 68.09  | 8.85  | 394.33 | 2.43 | 0.86  |
| 1998/10/24 10:00:00 | 76.99  | 8.26  | 334.41 | 4.2  | -0.5  |
| 1998/10/24 11:00:00 | 307.52 | 7.01  | 299.74 | 4.17 | -0.69 |
| 1998/10/24 12:00:00 | 389.96 | 7.4   | 355.72 | 5.11 | -0.65 |
| 1998/10/24 13:00:00 | 386.08 | 5.47  | 336.61 | 4.83 | -0.42 |
| 1998/10/24 14:00:00 | 415.95 | 5.09  | 324.98 | 3.86 | -0.27 |
| 1998/10/24 15:00:00 | 314.57 | 5.48  | 330.15 | 4.29 | -0.55 |
| 1998/10/24 16:00:00 | 404    | 4.96  | 332.5  | 3.28 | -0.66 |
| 1998/10/24 17:00:00 | 340.81 | 4.28  | 375.02 | 3.07 | -0.76 |
| 1998/10/24 18:00:00 | 402.37 | 4.61  | 401.45 | 2.37 | 1.23  |
| 1998/10/24 19:00:00 | 374.76 | 6.79  | 395.88 | 2.68 | 5.43  |
| 1998/10/24 20:00:00 | 383.21 | 7.36  | 402.81 | 2.66 | 8.01  |
| 1998/10/24 21:00:00 | 407.44 | 8.38  | 429.65 | 2.24 | 10.79 |
| 1998/10/24 22:00:00 | 439.39 | 9.01  | 419.03 | 2.46 | 7.64  |
| 1998/10/24 23:00:00 | 454.35 | 8.73  | 412.49 | 3.29 | 4.31  |
| 1998/10/25 00:00:00 | 450.92 | 10.2  | 411.83 | 3.36 | 3.62  |
| 1998/10/25 01:00:00 | 87.5   | 9.84  | NaN    | 2.51 | 3.32  |
| 1998/10/25 02:00:00 | 92.28  | 9.36  | NaN    | 2.14 | 4.13  |
| 1998/10/25 03:00:00 | 94.73  | 9.3   | NaN    | 3.12 | 3.45  |
| 1998/10/25 04:00:00 | 93.49  | 10.22 | NaN    | 3.15 | 3.37  |
| 1998/10/25 05:00:00 | 98.82  | 11.48 | NaN    | 3.83 | 6.22  |
| 1998/10/25 06:00:00 | 89.07  | 11.13 | NaN    | 3.1  | 6.06  |
| 1998/10/25 07:00:00 | 94.01  | 11.98 | NaN    | 3.92 | 6.46  |
| 1998/10/25 08:00:00 | 93.56  | 9.04  | NaN    | 2.61 | 3.83  |
| 1998/10/25 09:00:00 | 189.87 | 5.18  | NaN    | 2.35 | 0.23  |
| 1998/10/25 10:00:00 | 323.42 | 3.25  | NaN    | 3.24 | -0.29 |
| 1998/10/25 11:00:00 | 343.25 | 4.08  | NaN    | 3.28 | -0.32 |
| 1998/10/25 12:00:00 | 304.78 | 3.97  | NaN    | 3.53 | 0.27  |
| 1998/10/25 13:00:00 | 284.15 | 5.64  | NaN    | 4.17 | 0.41  |
| 1998/10/25 14:00:00 | 288.06 | 5.36  | NaN    | 4.45 | 0.12  |
| 1998/10/25 15:00:00 | 279.85 | 5.43  | NaN    | 3.63 | -0.03 |
| 1998/10/25 16:00:00 | 304.04 | 5.11  | NaN    | 3.63 | -0.54 |
| 1998/10/25 17:00:00 | 320.39 | 6.09  | NaN    | 2.99 | -0.37 |
| 1998/10/25 18:00:00 | 320.74 | 7.46  | NaN    | 2.4  | 2.2   |
| 1998/10/25 19:00:00 | 317.43 | 7.4   | NaN    | 2.44 | 4.88  |
| 1998/10/25 20:00:00 | 320.65 | 5.42  | NaN    | 2.39 | 8.54  |
| 1998/10/25 21:00:00 | 333.61 | 3.66  | NaN    | 2.62 | 9.15  |
| 1998/10/25 22:00:00 | 342.5  | 4.16  | NaN    | 2.74 | 9.26  |
| 1998/10/25 23:00:00 | 414.11 | 6.67  | NaN    | 1.44 | 9.37  |
| 1998/10/26 00:00:00 | 75.01  | 9.19  | NaN    | 1.64 | 6.84  |
| 1998/10/26 01:00:00 | 73.72  | 9.66  | NaN    | 1.11 | 4.45  |
| 1998/10/26 02:00:00 | 78.86  | 10.58 | NaN    | 1.93 | 2.67  |
| 1998/10/26 03:00:00 | 96.36  | 10.19 | NaN    | 2.45 | 4.91  |
| 1998/10/26 04:00:00 | 102.16 | 8.46  | NaN    | 2.24 | 4.3   |
| 1998/10/26 05:00:00 | 100.46 | 6.8   | NaN    | 2.24 | 3.54  |
| 1998/10/26 06:00:00 | 99.22  | 5.86  | NaN    | 1.87 | 5.19  |
| 1998/10/26 07:00:00 | 97.5   | 4.94  | NaN    | 1.97 | 7.13  |
| 1998/10/26 08:00:00 | 89.25  | 5.77  | NaN    | 1.91 | 5.53  |
| 1998/10/26 09:00:00 | 89.25  | 5.77  | NaN    | 1.91 | 5.53  |
| 1998/10/26 10:00:00 | 322.46 | 2.54  | NaN    | 2.15 | -0.21 |
| 1998/10/26 11:00:00 | 269.41 | 3.9   | NaN    | 3.98 | 0.99  |
| 1998/10/26 12:00:00 | 282.38 | 3.63  | NaN    | 2.49 | 0.44  |
| 1998/10/26 13:00:00 | 277.09 | 3.68  | NaN    | 2.64 | 0.57  |
| 1998/10/26 14:00:00 | 276.27 | 4.36  | NaN    | 3.1  | 0.25  |



## 007\_met1998.txt

|                     |        |       |     |      |       |
|---------------------|--------|-------|-----|------|-------|
| 1998/10/26 15:00:00 | 282.03 | 6.06  | NaN | 3.95 | -0.09 |
| 1998/10/26 16:00:00 | 292.53 | 5.15  | NaN | 3.39 | -0.56 |
| 1998/10/26 17:00:00 | 299.68 | 4.61  | NaN | 1.88 | -0.58 |
| 1998/10/26 18:00:00 | 302.45 | 6.07  | NaN | 2.15 | 3.66  |
| 1998/10/26 19:00:00 | 309.74 | 6.89  | NaN | 2.44 | 4.75  |
| 1998/10/26 20:00:00 | 336.51 | 4.86  | NaN | 2.42 | 8.03  |
| 1998/10/26 21:00:00 | 366.12 | 3.16  | NaN | 2.73 | 8.19  |
| 1998/10/26 22:00:00 | 433.09 | 5.6   | NaN | 2.19 | 6.6   |
| 1998/10/26 23:00:00 | 451.63 | 7.63  | NaN | 2.37 | 5.02  |
| 1998/10/27 00:00:00 | 104.28 | 7.11  | NaN | 1.71 | 7.64  |
| 1998/10/27 01:00:00 | 111.77 | 7.53  | NaN | 2.28 | 9.9   |
| 1998/10/27 02:00:00 | 116.98 | 8.01  | NaN | 3.48 | 7.82  |
| 1998/10/27 03:00:00 | 116.4  | 7.15  | NaN | 3.34 | 6.82  |
| 1998/10/27 04:00:00 | 115.8  | 6.98  | NaN | 3.81 | 7.11  |
| 1998/10/27 05:00:00 | 108.33 | 7.74  | NaN | 2.94 | 7.54  |
| 1998/10/27 06:00:00 | 94.98  | 9.19  | NaN | 2.94 | 4.75  |
| 1998/10/27 07:00:00 | 93.7   | 9.43  | NaN | 2.4  | 3.38  |
| 1998/10/27 08:00:00 | 91.93  | 7.38  | NaN | 2.06 | 1.39  |
| 1998/10/27 09:00:00 | 122.66 | 5.35  | NaN | 2.79 | -0.07 |
| 1998/10/27 10:00:00 | 186.13 | 3.39  | NaN | 2.84 | -0.44 |
| 1998/10/27 11:00:00 | 225.32 | 4.02  | NaN | 3.44 | -0.36 |
| 1998/10/27 12:00:00 | 255.64 | 5.11  | NaN | 3.73 | -0.23 |
| 1998/10/27 13:00:00 | 321.52 | 5.4   | NaN | 4.23 | -0.32 |
| 1998/10/27 14:00:00 | 307.78 | 3.98  | NaN | 3.21 | -0.37 |
| 1998/10/27 15:00:00 | 231.09 | 3.35  | NaN | 2.7  | -0.04 |
| 1998/10/27 16:00:00 | 257.95 | 2.68  | NaN | 2.05 | -0.67 |
| 1998/10/27 17:00:00 | 320.35 | 4.35  | NaN | 2.45 | 0.56  |
| 1998/10/27 18:00:00 | 324.43 | 3.89  | NaN | 2.22 | 5.81  |
| 1998/10/27 19:00:00 | 321.35 | 2.36  | NaN | 2.61 | 9.19  |
| 1998/10/27 20:00:00 | 443.82 | 3.69  | NaN | 2.29 | 12.24 |
| 1998/10/27 21:00:00 | 478.84 | 5.55  | NaN | 1.26 | 12.53 |
| 1998/10/27 22:00:00 | 504.28 | 5.75  | NaN | 2.06 | 10.69 |
| 1998/10/27 23:00:00 | 483.92 | 5.18  | NaN | 2.18 | 8.43  |
| 1998/10/28 00:00:00 | 117.32 | 7.08  | NaN | 3.21 | 6.19  |
| 1998/10/28 01:00:00 | 117.86 | 6.92  | NaN | 1.76 | 7.3   |
| 1998/10/28 02:00:00 | 117.2  | 7.32  | NaN | 2    | 6.62  |
| 1998/10/28 03:00:00 | 119.42 | 9.97  | NaN | 3.36 | 5.71  |
| 1998/10/28 04:00:00 | 121.25 | 8.22  | NaN | 2.4  | 5     |
| 1998/10/28 05:00:00 | 123.65 | 6.45  | NaN | 2.32 | 3.78  |
| 1998/10/28 06:00:00 | 206.34 | 3.19  | NaN | 2.23 | 3.71  |
| 1998/10/28 07:00:00 | 178.56 | 2.55  | NaN | 2    | 5.51  |
| 1998/10/28 08:00:00 | 103.89 | 3.33  | NaN | 1.44 | 5.28  |
| 1998/10/28 09:00:00 | 110.61 | 3.51  | NaN | 1.91 | 0.99  |
| 1998/10/28 10:00:00 | 185.93 | 3.66  | NaN | 2.99 | 0.15  |
| 1998/10/28 11:00:00 | 256.36 | 4.33  | NaN | 3.47 | 0.54  |
| 1998/10/28 12:00:00 | 264.43 | 3.92  | NaN | 3.75 | 0.73  |
| 1998/10/28 13:00:00 | 225.07 | 3.91  | NaN | 3.78 | 0.72  |
| 1998/10/28 14:00:00 | 240.99 | 5.37  | NaN | 4.08 | -0.02 |
| 1998/10/28 15:00:00 | 236.16 | 4.49  | NaN | 3.44 | 0.15  |
| 1998/10/28 16:00:00 | 241.46 | 3.49  | NaN | 2.63 | -0.18 |
| 1998/10/28 17:00:00 | 256.02 | 2.99  | NaN | 1.44 | 0.56  |
| 1998/10/28 18:00:00 | 198.69 | 2.05  | NaN | 2.21 | 5.26  |
| 1998/10/28 19:00:00 | 181.15 | 4.87  | NaN | 2.51 | 6.29  |
| 1998/10/28 20:00:00 | 176.55 | 6.65  | NaN | 1.39 | 5.73  |
| 1998/10/28 21:00:00 | 160.86 | 8.14  | NaN | 1.73 | 6.06  |
| 1998/10/28 22:00:00 | 145.77 | 10.47 | NaN | 1.88 | 6.07  |

## 007\_met1998.txt

|                     |        |       |     |      |       |
|---------------------|--------|-------|-----|------|-------|
| 1998/10/28 23:00:00 | 138.83 | 11.38 | NaN | 2.67 | 3.89  |
| 1998/10/29 00:00:00 | 142.74 | 9.44  | NaN | 1.94 | 2.28  |
| 1998/10/29 01:00:00 | 165.71 | 7.56  | NaN | 1.9  | 1.35  |
| 1998/10/29 02:00:00 | 147.07 | 8.84  | NaN | 2.92 | 0.53  |
| 1998/10/29 03:00:00 | 149.79 | 8.8   | NaN | 3.43 | 0.23  |
| 1998/10/29 04:00:00 | 154.68 | 8.71  | NaN | 2.16 | 0.89  |
| 1998/10/29 05:00:00 | 156.92 | 9.14  | NaN | 2.9  | 1.03  |
| 1998/10/29 06:00:00 | 149.9  | 7.99  | NaN | 1.91 | 0.98  |
| 1998/10/29 07:00:00 | 157.08 | 7.57  | NaN | 1.72 | 2.25  |
| 1998/10/29 08:00:00 | 140.11 | 7.01  | NaN | 1.66 | 1.55  |
| 1998/10/29 09:00:00 | 128.15 | 5.67  | NaN | 2.45 | 0.08  |
| 1998/10/29 10:00:00 | 161.17 | 3.12  | NaN | 2.66 | -0.21 |
| 1998/10/29 11:00:00 | 246.77 | 3.04  | NaN | 2.29 | -0.1  |
| 1998/10/29 12:00:00 | 221.55 | 6.62  | NaN | 4.92 | -0.23 |
| 1998/10/29 13:00:00 | 218.32 | 6.49  | NaN | 5.08 | 0.32  |
| 1998/10/29 14:00:00 | 208.2  | 5.43  | NaN | 4.35 | -0.02 |
| 1998/10/29 15:00:00 | 177.74 | 3.8   | NaN | 3.38 | 0.11  |
| 1998/10/29 16:00:00 | 316.16 | 2.77  | NaN | 2.18 | -0.48 |
| 1998/10/29 17:00:00 | 159.78 | 4.37  | NaN | 2.45 | -0.53 |
| 1998/10/29 18:00:00 | 136.16 | 5.56  | NaN | 1.94 | 0.84  |
| 1998/10/29 19:00:00 | 136.15 | 7.96  | NaN | 2.96 | 2.29  |
| 1998/10/29 20:00:00 | 129.07 | 8.2   | NaN | 2.84 | 2.03  |
| 1998/10/29 21:00:00 | 131.45 | 8.65  | NaN | 2.28 | 2.42  |
| 1998/10/29 22:00:00 | 126.26 | 8.4   | NaN | 2.53 | 1.95  |
| 1998/10/29 23:00:00 | 139.12 | 9.93  | NaN | 3.09 | 1.66  |
| 1998/10/30 00:00:00 | 139.79 | 9.88  | NaN | 3.84 | 0.97  |
| 1998/10/30 01:00:00 | 147.15 | 9.19  | NaN | 2.8  | 0.58  |
| 1998/10/30 02:00:00 | 153.78 | 8.23  | NaN | 2.82 | 0.55  |
| 1998/10/30 03:00:00 | 177.03 | 7.74  | NaN | 2.47 | 0.55  |
| 1998/10/30 04:00:00 | 178.85 | 7.58  | NaN | 2.12 | 0.22  |
| 1998/10/30 05:00:00 | 176.45 | 7.15  | NaN | 1.66 | 0.71  |
| 1998/10/30 06:00:00 | 170.04 | 6.35  | NaN | 1.51 | 1.31  |
| 1998/10/30 07:00:00 | 169.64 | 5.64  | NaN | 1.62 | 1.85  |
| 1998/10/30 08:00:00 | 166.61 | 4.77  | NaN | 1.17 | 1.67  |
| 1998/10/30 09:00:00 | 180.45 | 4.22  | NaN | 2.87 | 0.04  |
| 1998/10/30 10:00:00 | 208.93 | 5.56  | NaN | 4.57 | 0.07  |
| 1998/10/30 11:00:00 | 200.67 | 6     | NaN | 4.96 | -0.22 |
| 1998/10/30 12:00:00 | 198.03 | 6.42  | NaN | 5.36 | -0.19 |
| 1998/10/30 13:00:00 | 215.32 | 4.07  | NaN | 3.34 | -0.2  |
| 1998/10/30 14:00:00 | 314.18 | 3.66  | NaN | 2.87 | 0.3   |
| 1998/10/30 15:00:00 | 329.44 | 2.95  | NaN | 2.54 | 0.05  |
| 1998/10/30 16:00:00 | 274.05 | 3.31  | NaN | 2.62 | -0.21 |
| 1998/10/30 17:00:00 | 361.27 | 2.04  | NaN | 1.4  | 0.64  |
| 1998/10/30 18:00:00 | 191.78 | 1.23  | NaN | 2.5  | 4.24  |
| 1998/10/30 19:00:00 | 164.84 | 2.16  | NaN | 2.1  | 6.35  |
| 1998/10/30 20:00:00 | 156.95 | 2.28  | NaN | 2.32 | 6.52  |
| 1998/10/30 21:00:00 | 146.08 | 4.7   | NaN | 1.75 | 7.41  |
| 1998/10/30 22:00:00 | 127.06 | 5.1   | NaN | 2.24 | 6.5   |
| 1998/10/30 23:00:00 | 140.65 | 6.74  | NaN | 2.39 | 5.2   |
| 1998/10/31 00:00:00 | 140.95 | 7.45  | NaN | 2.5  | 5.26  |
| 1998/10/31 01:00:00 | 138.08 | 7.9   | NaN | 2.26 | 4.37  |
| 1998/10/31 02:00:00 | 143.68 | 6.02  | NaN | 1.52 | 3.71  |
| 1998/10/31 03:00:00 | 149.98 | 6.25  | NaN | 1.75 | 2.62  |
| 1998/10/31 04:00:00 | 156.83 | 8.26  | NaN | 1.85 | 2.19  |
| 1998/10/31 05:00:00 | 168.82 | 6.08  | NaN | 1.58 | 1.74  |
| 1998/10/31 06:00:00 | 198.51 | 4.54  | NaN | 1.4  | 1.97  |

## 007\_met1998.txt

|                     |        |           |        |        |       |       |
|---------------------|--------|-----------|--------|--------|-------|-------|
| 1998/10/31 07:00:00 | 184.75 | 4.73      | NaN    | 1.26   | 2.81  |       |
| 1998/10/31 08:00:00 | 168.66 | 3.16      | NaN    | 1.42   | 2.27  |       |
| 1998/10/31 09:00:00 | 213.97 | 2.4       | NaN    | 2.13   | 0.87  |       |
| 1998/10/31 10:00:00 | 249.08 | 3.44      | NaN    | 3.13   | 0.76  |       |
| 1998/10/31 11:00:00 | 207.67 | 4.39      | NaN    | 3.9    | 0.49  |       |
| 1998/10/31 12:00:00 | 207.67 | 4.39      | NaN    | 3.9    | 0.49  |       |
| 1998/10/31 13:00:00 | 249.3  | 4.42      | NaN    | 3.76   | -0.13 |       |
| 1998/10/31 14:00:00 | 231.85 | 4.77      | NaN    | 3.8    | -0.47 |       |
| 1998/10/31 15:00:00 | 252.95 | 3.62      | NaN    | 3.03   | 0.21  |       |
| 1998/10/31 16:00:00 | 289.99 | 3.39      | NaN    | 2.8    | -0.32 |       |
| 1998/10/31 17:00:00 | 306.27 | 3.78      | NaN    | 2.23   | -0.14 |       |
| 1998/10/31 18:00:00 | NaN    | 1.89      | NaN    | NaN    | NaN   |       |
| 1998/10/31 19:00:00 | NaN    | 2.29      | NaN    | NaN    | NaN   |       |
| 1998/10/31 20:00:00 | NaN    | 1.42      | NaN    | NaN    | NaN   |       |
| 1998/10/31 21:00:00 | NaN    | 2.11      | NaN    | NaN    | NaN   |       |
| 1998/10/31 22:00:00 | NaN    | 2.37      | NaN    | NaN    | NaN   |       |
| 1998/10/31 23:00:00 | NaN    | 2.35      | NaN    | NaN    | NaN   |       |
| 1998/11/01 00:00:00 | NaN    | 2.95      | NaN    | NaN    | NaN   |       |
| 1998/11/01 01:00:00 | 7.83   | 2.23      | NaN    | NaN    | NaN   |       |
| 1998/11/01 02:00:00 | 4.74   | 2.57      | NaN    | NaN    | NaN   |       |
| 1998/11/01 03:00:00 | 5.95   | 2.15      | NaN    | NaN    | NaN   |       |
| 1998/11/01 04:00:00 | 6.86   | 2.41      | NaN    | NaN    | NaN   |       |
| 1998/11/01 05:00:00 | 5.18   | 2.29      | NaN    | NaN    | NaN   |       |
| 1998/11/01 06:00:00 | 6.9    | 2.9       | NaN    | NaN    | NaN   |       |
| 1998/11/01 07:00:00 | 9.7    | 3.47      | NaN    | NaN    | NaN   |       |
| 1998/11/01 08:00:00 | 9.39   | 3.31      | NaN    | NaN    | NaN   |       |
| 1998/11/01 09:00:00 | 6.59   | 3.49      | NaN    | NaN    | NaN   |       |
| 1998/11/01 10:00:00 | 5.51   | 3.77      | NaN    | NaN    | NaN   |       |
| 1998/11/01 11:00:00 | 4.98   | 3.69      | NaN    | NaN    | NaN   |       |
| 1998/11/01 12:00:00 | 7.74   | 5.39      | NaN    | NaN    | NaN   |       |
| 1998/11/01 13:00:00 | 9.69   | 5.8       | NaN    | NaN    | NaN   |       |
| 1998/11/01 14:00:00 | 11.65  | 7.1       | NaN    | NaN    | NaN   |       |
| 1998/11/01 15:00:00 | 14.43  | 9.63      | NaN    | NaN    | NaN   |       |
| 1998/11/01 16:00:00 | 13.48  | 9.09      | NaN    | NaN    | NaN   |       |
| 1998/11/01 17:00:00 | NaN    | NaN       | NaN    | NaN    | NaN   |       |
| 1998/11/01 18:00:00 | 125.66 | 9.616912  | 173.86 | 4.13   | -0.27 |       |
| 1998/11/01 19:00:00 | 116.09 | 8.414096  | 218.4  | 3.08   | -0.38 |       |
| 1998/11/01 20:00:00 | 137.1  | 10.111661 |        | 315.95 | 3.87  | -0.51 |
| 1998/11/01 21:00:00 | 123.92 | 13.432124 |        | 156.31 | 6.76  | -0.7  |
| 1998/11/01 22:00:00 | 135.2  | 12.350023 |        | 156.59 | 7.82  | -0.79 |
| 1998/11/01 23:00:00 | 127.21 | 12.539743 |        | 150.15 | 7.42  | -0.81 |
| 1998/11/02 00:00:00 | 128.32 | 12.725856 |        | 152.89 | 6.88  | -0.4  |
| 1998/11/02 01:00:00 | 160.71 | 7.488874  | 181.58 | 4.34   | -0.69 |       |
| 1998/11/02 02:00:00 | 243.5  | 8.509359  | 254.94 | 3.39   | -0.18 |       |
| 1998/11/02 03:00:00 | 228.18 | 7.725743  | 228.91 | 3.88   | -0.06 |       |
| 1998/11/02 04:00:00 | 227.99 | 9.385017  | 221.36 | 4.54   | 0.56  |       |
| 1998/11/02 05:00:00 | 246.67 | 8.567102  | 234.99 | 3.63   | 1.2   |       |
| 1998/11/02 06:00:00 | 246.87 | 8.257795  | 233.44 | 3.74   | -0.14 |       |
| 1998/11/02 07:00:00 | 242.52 | 5.999811  | 250.85 | 2.02   | -1.11 |       |
| 1998/11/02 08:00:00 | 212.57 | 5.774733  | 227.65 | 2.92   | -0.99 |       |
| 1998/11/02 09:00:00 | 225.14 | 8.1738    | 221.56 | 5.01   | -1.09 |       |
| 1998/11/02 10:00:00 | 215.09 | 10.898439 |        | 215.41 | 7.38  | -0.79 |
| 1998/11/02 11:00:00 | 211.46 | 9.566876  | 213.06 | 7.25   | -0.67 |       |
| 1998/11/02 12:00:00 | 222.61 | 9.465581  | 226.15 | 6.31   | -0.57 |       |
| 1998/11/02 13:00:00 | 216.76 | 9.879733  | 217.92 | 6.67   | -0.68 |       |
| 1998/11/02 14:00:00 | 214.05 | 10.516186 |        | 216.14 | 7.15  | -1.05 |

|                     |        |           |                 |      |       |
|---------------------|--------|-----------|-----------------|------|-------|
|                     |        |           | 007_met1998.txt |      |       |
| 1998/11/02 15:00:00 | 212.37 | 11.290684 | 212.57          | 7.48 | -1.04 |
| 1998/11/02 16:00:00 | 222.29 | 9.557575  | 222.38          | 6.21 | -0.97 |
| 1998/11/02 17:00:00 | 250.61 | 9.014206  | 246.21          | 3.11 | -0.71 |
| 1998/11/02 18:00:00 | 255.54 | 6.305017  | 272.07          | 1.57 | 0.17  |
| 1998/11/02 19:00:00 | 238.66 | 4.341643  | 402.59          | 1.51 | 2.88  |
| 1998/11/02 20:00:00 | 242.86 | 5.285813  | 412.2           | 2.17 | 3.35  |
| 1998/11/02 21:00:00 | 280.85 | 7.84445   | 339.39          | 2.52 | 1.24  |
| 1998/11/02 22:00:00 | 302.77 | 10.102198 | 309.32          | 4.36 | -0.77 |
| 1998/11/02 23:00:00 | 296.7  | 8.165615  | 322.41          | 2.64 | -0.75 |
| 1998/11/03 00:00:00 | 296.95 | 6.568014  | 340.63          | 2.37 | -0.61 |
| 1998/11/03 01:00:00 | 283.71 | 5.306422  | 277.21          | 1.2  | -0.73 |
| 1998/11/03 02:00:00 | 255.37 | 4.182669  | 414.19          | 1.32 | 0.11  |
| 1998/11/03 03:00:00 | 236.18 | 5.768631  | 397.76          | 1.75 | -0.46 |
| 1998/11/03 04:00:00 | 247.77 | 5.674811  | 360.75          | 1.2  | -1.51 |
| 1998/11/03 05:00:00 | 264.6  | 6.086056  | 345.1           | 1.35 | -1.06 |
| 1998/11/03 06:00:00 | 230.56 | 3.310077  | 243.21          | 1.11 | -1.24 |
| 1998/11/03 07:00:00 | 192.05 | 2.642649  | 232.87          | 1.09 | -1.26 |
| 1998/11/03 08:00:00 | 230.16 | 3.249484  | 301.73          | 1.22 | -0.78 |
| 1998/11/03 09:00:00 | 270.9  | 4.927667  | 328.07          | 2.18 | -0.87 |
| 1998/11/03 10:00:00 | 284.81 | 5.072326  | 300.92          | 3.46 | -0.31 |
| 1998/11/03 11:00:00 | 261.88 | 5.232424  | 262.3           | 4.19 | 0.59  |
| 1998/11/03 12:00:00 | 258.73 | 5.062831  | 267.32          | 3.99 | 0.72  |
| 1998/11/03 13:00:00 | 254.21 | 5.139662  | 258.85          | 3.91 | 0.49  |
| 1998/11/03 14:00:00 | 281.86 | 6.232039  | 275.06          | 4.12 | -0.34 |
| 1998/11/03 15:00:00 | 264.19 | 6.398882  | 273.18          | 4.12 | -0.36 |
| 1998/11/03 16:00:00 | 255.17 | 4.702566  | 265.47          | 3.04 | -0.66 |
| 1998/11/03 17:00:00 | 217.9  | 3.070771  | 166.68          | 1.52 | -0.08 |
| 1998/11/03 18:00:00 | 167.53 | 3.864925  | 54.54           | 2.4  | 4.15  |
| 1998/11/03 19:00:00 | 148.06 | 4.638939  | 59.27           | 2.27 | 6.35  |
| 1998/11/03 20:00:00 | 141.47 | 6.628992  | 67.96           | 1.89 | 6.66  |
| 1998/11/03 21:00:00 | 149.28 | 6.177789  | 60.03           | 2.23 | 7.32  |
| 1998/11/03 22:00:00 | 146.31 | 6.107902  | 60.05           | 2.02 | 6     |
| 1998/11/03 23:00:00 | 169.81 | 4.934518  | 51.47           | 2.51 | 5.44  |
| 1998/11/04 00:00:00 | 237.25 | 4.119164  | 100.74          | 1.81 | 4.33  |
| 1998/11/04 01:00:00 | 246.01 | 4.411835  | 403.53          | 1.06 | 0.63  |
| 1998/11/04 02:00:00 | 272.89 | 4.881139  | 409.4           | 1.52 | -1.12 |
| 1998/11/04 03:00:00 | 265.78 | 3.139309  | 411.01          | 1.22 | -1.52 |
| 1998/11/04 04:00:00 | 289.29 | 3.039968  | 399.11          | 1.52 | -2.38 |
| 1998/11/04 05:00:00 | 318.28 | 3.550876  | 408.94          | 1.68 | -2.22 |
| 1998/11/04 06:00:00 | 324.77 | 4.156098  | 406.58          | 1.51 | -1.96 |
| 1998/11/04 07:00:00 | 304.6  | 4.876848  | 403.03          | 1.19 | -2.59 |
| 1998/11/04 08:00:00 | 331.58 | 4.677483  | 360             | 1.53 | -2.99 |
| 1998/11/04 09:00:00 | 347    | 4.928937  | 361.83          | 3.47 | 0.61  |
| 1998/11/04 10:00:00 | 355.85 | 4.0679    | 355.35          | 3.07 | 0.19  |
| 1998/11/04 11:00:00 | 302.75 | 6.856776  | 306.27          | 5.04 | -0.27 |
| 1998/11/04 12:00:00 | 303.98 | 8.032582  | 312.46          | 5.56 | -0.16 |
| 1998/11/04 13:00:00 | 307.48 | 10.779624 | 318.31          | 7.15 | -0.58 |
| 1998/11/04 14:00:00 | 310.69 | 11.768474 | 325.23          | 7.49 | -0.9  |
| 1998/11/04 15:00:00 | 310.43 | 11.31756  | 320.28          | 7.02 | -0.87 |
| 1998/11/04 16:00:00 | 324.35 | 11.881452 | 339.62          | 7.41 | -0.89 |
| 1998/11/04 17:00:00 | 324.94 | 11.617785 | 341.55          | 6.45 | -0.87 |
| 1998/11/04 18:00:00 | 329.09 | 11.281166 | 343.86          | 6.13 | -0.79 |
| 1998/11/04 19:00:00 | 338.02 | 9.82014   | 350.39          | 4.97 | -0.7  |
| 1998/11/04 20:00:00 | 335.01 | 9.208748  | 351.5           | 4.23 | -0.63 |
| 1998/11/04 21:00:00 | 336.44 | 10.69524  | 351.8           | 5.73 | -0.73 |
| 1998/11/04 22:00:00 | 335.85 | 11.262224 | 345.91          | 6.62 | -0.8  |

## 007\_met1998.txt

|                            |                 |        |       |       |
|----------------------------|-----------------|--------|-------|-------|
| 1998/11/04 23:00:00 339    | 11.376444       | 352.83 | 6.82  | -0.84 |
| 1998/11/05 00:00:00 333.23 | 9.344921 347    | 5.49   | -0.71 |       |
| 1998/11/05 01:00:00 337.2  | 9.172549 349.19 | 5.46   | -0.88 |       |
| 1998/11/05 02:00:00 355.3  | 7.056734 367.96 | 4.2    | -0.89 |       |
| 1998/11/05 03:00:00 352.77 | 8.64071 364.2   | 5.16   | -0.9  |       |
| 1998/11/05 04:00:00 349.14 | 7.874539 354.08 | 4.62   | -0.88 |       |
| 1998/11/05 05:00:00 346.71 | 6.823946 355.94 | 3.46   | -0.82 |       |
| 1998/11/05 06:00:00 335.99 | 7.744622 353.79 | 4.11   | -0.83 |       |
| 1998/11/05 07:00:00 336.76 | 8.191476 349.91 | 5.01   | -0.9  |       |
| 1998/11/05 08:00:00 329.49 | 7.468294 341.35 | 4.64   | -0.9  |       |
| 1998/11/05 09:00:00 319.4  | 9.206831 334.68 | 5.76   | -0.89 |       |
| 1998/11/05 10:00:00 315.72 | 10.236805       | 332.4  | 6.39  | -0.82 |
| 1998/11/05 11:00:00 309.78 | 10.170498       | 325.41 | 6.57  | -0.69 |
| 1998/11/05 12:00:00 301.93 | 10.557558       | 315.78 | 6.77  | -0.77 |
| 1998/11/05 13:00:00 310.67 | 11.211431       | 326.14 | 7.66  | -0.67 |
| 1998/11/05 14:00:00 314.37 | 12.371683       | 330.71 | 7.94  | -0.88 |
| 1998/11/05 15:00:00 317.09 | 12.844045       | 330    | 7.85  | -0.94 |
| 1998/11/05 16:00:00 311.84 | 12.019536       | 328.26 | 7.16  | -0.85 |
| 1998/11/05 17:00:00 313.83 | 11.537746       | 329.24 | 6.41  | -0.84 |
| 1998/11/05 18:00:00 323.55 | 9.940955 339.13 | 5.18   | -0.79 |       |
| 1998/11/05 19:00:00 330.58 | 9.256369 349.81 | 5.3    | -0.8  |       |
| 1998/11/05 20:00:00 329.04 | 9.768112 351.11 | 5.42   | -0.81 |       |
| 1998/11/05 21:00:00 333.46 | 8.918113 350.26 | 4.58   | -0.85 |       |
| 1998/11/05 22:00:00 334.01 | 9.258162 355.76 | 4.6    | -0.76 |       |
| 1998/11/05 23:00:00 331.84 | 7.554245 367.36 | 2.97   | -0.3  |       |
| 1998/11/06 00:00:00 326.13 | 8.130283 353.46 | 3.23   | -0.09 |       |
| 1998/11/06 01:00:00 315.07 | 6.239396 353.89 | 2.27   | 0.12  |       |
| 1998/11/06 02:00:00 330.89 | 9.105326 352.59 | 3.73   | -0.19 |       |
| 1998/11/06 03:00:00 329.18 | 8.574184 342.89 | 3.22   | -0.24 |       |
| 1998/11/06 04:00:00 320.4  | 7.980853 344.69 | 2.74   | 0.17  |       |
| 1998/11/06 05:00:00 329.5  | 8.419292 357.1  | 3.14   | 0.03  |       |
| 1998/11/06 06:00:00 344.45 | 7.747257 379.53 | 2.53   | 0.1   |       |
| 1998/11/06 07:00:00 343.6  | 7.578448 378.5  | 2.59   | 0.51  |       |
| 1998/11/06 08:00:00 360.11 | 6.832896 379.26 | 3.24   | 0.27  |       |
| 1998/11/06 09:00:00 366.03 | 6.408772 375.45 | 4.42   | -0.47 |       |
| 1998/11/06 10:00:00 352.79 | 7.70866 355.83  | 5.82   | -0.55 |       |
| 1998/11/06 11:00:00 371.95 | 8.74474 379.62  | 6.44   | -0.73 |       |
| 1998/11/06 12:00:00 322.6  | 7.372571 340.36 | 5.54   | -0.21 |       |
| 1998/11/06 13:00:00 324.3  | 8.787169 332.69 | 6.35   | -0.54 |       |
| 1998/11/06 14:00:00 312.44 | 6.779722 334.29 | 5.09   | -0.48 |       |
| 1998/11/06 15:00:00 324.45 | 7.266629 335.98 | 5.23   | -0.49 |       |
| 1998/11/06 16:00:00 366.7  | 6.757885 382.66 | 5      | -0.79 |       |
| 1998/11/06 17:00:00 343.18 | 6.34759 365.41  | 3.43   | -0.78 |       |
| 1998/11/06 18:00:00 367.32 | 7.066103 400.13 | 2.42   | 1.48  |       |
| 1998/11/06 19:00:00 383.14 | 7.944819 392.64 | 2.37   | 2.48  |       |
| 1998/11/06 20:00:00 369.17 | 7.855011 392.34 | 2.5    | 2.39  |       |
| 1998/11/06 21:00:00 383.19 | 8.688582 405.73 | 2.39   | 2.85  |       |
| 1998/11/06 22:00:00 386.3  | 9.219039 402.79 | 2.84   | 3.05  |       |
| 1998/11/06 23:00:00 385.5  | 7.956998 377.99 | 1.9    | 3.15  |       |
| 1998/11/07 00:00:00 379.96 | 8.309575 172.87 | 3.03   | 1.94  |       |
| 1998/11/07 01:00:00 375.16 | 7.491416 367.89 | 2.15   | 1.27  |       |
| 1998/11/07 02:00:00 399.02 | 5.713824 311.26 | 1.65   | 0.62  |       |
| 1998/11/07 03:00:00 416.14 | 6.946854 405.58 | 2.18   | 0.31  |       |
| 1998/11/07 04:00:00 428.5  | 8.636577 331.84 | 2.84   | -0.1  |       |
| 1998/11/07 05:00:00 431.73 | 9.194254 406.8  | 3.8    | -0.56 |       |
| 1998/11/07 06:00:00 220.43 | 7.70147 338.55  | 3.51   | -0.69 |       |

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|                     |        |           |        |        |       |       |
|---------------------|--------|-----------|--------|--------|-------|-------|
| 1998/11/07 07:00:00 | 419.15 | 6.531065  | 305.97 | 2.75   | -0.63 |       |
| 1998/11/07 08:00:00 | 163.82 | 6.42735   | 302.85 | 3.05   | -0.84 |       |
| 1998/11/07 09:00:00 | 272.66 | 8.091789  | 398.82 | 4.46   | -0.79 |       |
| 1998/11/07 10:00:00 | 246.43 | 5.05488   | 272.84 | 3.69   | -0.83 |       |
| 1998/11/07 11:00:00 | 290.23 | 7.871536  | 197.01 | 5.09   | -0.94 |       |
| 1998/11/07 12:00:00 | 395.69 | 6.189691  | 311.06 | 3.54   | -0.9  |       |
| 1998/11/07 13:00:00 | 125.78 | 5.795577  | 253.53 | 2.86   | -0.89 |       |
| 1998/11/07 14:00:00 | 442.87 | 4.490582  | 371.06 | 2.58   | -0.6  |       |
| 1998/11/07 15:00:00 | 418.63 | 4.744619  | 389.5  | 2.77   | -0.74 |       |
| 1998/11/07 16:00:00 | 248.79 | 6.360472  | 317.36 | 3.42   | -0.83 |       |
| 1998/11/07 17:00:00 | 200.28 | 8.065642  | 346.47 | 3.92   | -0.06 |       |
| 1998/11/07 18:00:00 | 433.03 | 4.800729  | 383.7  | 2.04   | -0.74 |       |
| 1998/11/07 19:00:00 | 164.99 | 7.732174  | 298.59 | 2.69   | -0.42 |       |
| 1998/11/07 20:00:00 | 431.77 | 7.625627  | 380.18 | 2.62   | -0.49 |       |
| 1998/11/07 21:00:00 | 459.6  | 8.137544  | 242.8  | 2.57   | -0.96 |       |
| 1998/11/07 22:00:00 | 468.21 | 8.43107   | 187.82 | 3.01   | -0.71 |       |
| 1998/11/07 23:00:00 | 471.24 | 13.46023  | 216.56 | 3.92   | -0.12 |       |
| 1998/11/08 00:00:00 | 295.5  | 10.691178 |        | 361.34 | 5.33  | 0.14  |
| 1998/11/08 01:00:00 | 453.22 | 10.939388 |        | 321.81 | 4.21  | -0.12 |
| 1998/11/08 02:00:00 | 462.22 | 11.734528 |        | 268.55 | 3.83  | -0.59 |
| 1998/11/08 03:00:00 | 467.83 | 11.151874 |        | 209.78 | 4.03  | -0.36 |
| 1998/11/08 04:00:00 | 469.84 | 11.760136 |        | 190.58 | 3.58  | 0.2   |
| 1998/11/08 05:00:00 | 478.83 | 13.123772 |        | 155.31 | 5.07  | -0.61 |
| 1998/11/08 06:00:00 | 206.45 | 6.465718  | 242.07 | 3.19   | -0.49 |       |
| 1998/11/08 07:00:00 | 304.83 | 3.723626  | 389.73 | 2.08   | -0.51 |       |
| 1998/11/08 08:00:00 | 338.25 | 4.876936  | 351.43 | 2.62   | -1.13 |       |
| 1998/11/08 09:00:00 | 340.97 | 5.210751  | 318.3  | 3.01   | -1.06 |       |
| 1998/11/08 10:00:00 | 338.37 | 7.687325  | 344.12 | 4.63   | 0.13  |       |
| 1998/11/08 11:00:00 | 363.3  | 6.578741  | 381.47 | 3.59   | 0.32  |       |
| 1998/11/08 12:00:00 | 405.78 | 6.27775   | 410.43 | 3.5    | 0.12  |       |
| 1998/11/08 13:00:00 | 413.88 | 5.542121  | 419.95 | 2.77   | 0.65  |       |
| 1998/11/08 14:00:00 | 420.96 | 5.060854  | 330.63 | 2.67   | 0.77  |       |
| 1998/11/08 15:00:00 | 389.68 | 3.346248  | 383.55 | 1.98   | 0.22  |       |
| 1998/11/08 16:00:00 | 379.67 | 4.292307  | 390.78 | 2.66   | 0.09  |       |
| 1998/11/08 17:00:00 | 366.5  | 4.179214  | 365.51 | 2.48   | -1.11 |       |
| 1998/11/08 18:00:00 | 370.86 | 5.490208  | 379.42 | 2.96   | -0.58 |       |
| 1998/11/08 19:00:00 | 385.75 | 5.093521  | 313.36 | 2.69   | -0.04 |       |
| 1998/11/08 20:00:00 | 228.06 | 4.505547  | 275.32 | 2.42   | 0.09  |       |
| 1998/11/08 21:00:00 | 401.66 | 5.188039  | 352.76 | 2.37   | -0.11 |       |
| 1998/11/08 22:00:00 | 361.2  | 3.862617  | 285.03 | 2.3    | -1.07 |       |
| 1998/11/08 23:00:00 | 375.71 | 2.930079  | 304.32 | 1.6    | -2.88 |       |
| 1998/11/09 00:00:00 | 169.26 | 4.435267  | 277.1  | 2.04   | -2.43 |       |
| 1998/11/09 01:00:00 | 363.27 | 3.026655  | 354.52 | 2.19   | -3.14 |       |
| 1998/11/09 02:00:00 | 224.79 | 3.00554   | 280.11 | 1.36   | -3.03 |       |
| 1998/11/09 03:00:00 | 210.7  | 2.910492  | 329.45 | 1.35   | -3.17 |       |
| 1998/11/09 04:00:00 | 396.19 | 1.773771  | 275.62 | 1.21   | -3.84 |       |
| 1998/11/09 05:00:00 | 302.88 | 6.377808  | 291.47 | 1.95   | -3.24 |       |
| 1998/11/09 06:00:00 | 133.49 | 5.355911  | 319.82 | 1.71   | -3.61 |       |
| 1998/11/09 07:00:00 | 434.06 | 7.23298   | 311.7  | 2.5    | -4.42 |       |
| 1998/11/09 08:00:00 | 262.71 | 7.279602  | 241.56 | 2.61   | -3.51 |       |
| 1998/11/09 09:00:00 | 118.86 | 7.861013  | 150.04 | 3.85   | -1.2  |       |
| 1998/11/09 10:00:00 | 164.97 | 12.919147 |        | 165.35 | 8.98  | -2.5  |
| 1998/11/09 11:00:00 | 147.95 | 12.498746 |        | 165.64 | 9.06  | -1.23 |
| 1998/11/09 12:00:00 | 150.04 | 11.222177 |        | 166.52 | 8.07  | -0.9  |
| 1998/11/09 13:00:00 | 149.9  | 13.603199 |        | 168.32 | 9.66  | -0.96 |
| 1998/11/09 14:00:00 | 148.64 | 11.477912 |        | 167.83 | 8.19  | -0.86 |

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|                     |        |           |        |       |       |
|---------------------|--------|-----------|--------|-------|-------|
| 1998/11/09 15:00:00 | 149.08 | 12.746251 | 164    | 8.81  | -0.84 |
| 1998/11/09 16:00:00 | 135.53 | 10.908576 | 155.75 | 6.85  | -0.73 |
| 1998/11/09 17:00:00 | 124.17 | 11.755373 | 149.58 | 5.65  | -0.57 |
| 1998/11/09 18:00:00 | 122.06 | 12.214147 | 146.79 | 5.98  | -0.51 |
| 1998/11/09 19:00:00 | 117.8  | 11.945015 | 150.02 | 5.65  | -0.57 |
| 1998/11/09 20:00:00 | 122.5  | 12.936319 | 147.31 | 6.63  | -0.62 |
| 1998/11/09 21:00:00 | 125.06 | 15.274902 | 146.79 | 8.28  | -0.69 |
| 1998/11/09 22:00:00 | 124.31 | 14.221969 | 147.8  | 7.28  | -0.66 |
| 1998/11/09 23:00:00 | 126.75 | 16.353214 | 145.68 | 8.89  | -0.69 |
| 1998/11/10 00:00:00 | 125.52 | 15.810061 | 146.24 | 8.65  | -0.53 |
| 1998/11/10 01:00:00 | 129.6  | 16.834145 | 151.04 | 10.26 | -0.7  |
| 1998/11/10 02:00:00 | 140.97 | 17.020042 | 159.89 | 10.77 | -0.73 |
| 1998/11/10 03:00:00 | 147.33 | 19.598152 | 162.82 | 12.86 | -0.72 |
| 1998/11/10 04:00:00 | 145.09 | 18.630968 | 162.14 | 12    | -0.71 |
| 1998/11/10 05:00:00 | 149.24 | 18.571056 | 163.92 | 12.62 | -0.72 |
| 1998/11/10 06:00:00 | 151.47 | 19.251635 | 165.71 | 12.49 | -0.7  |
| 1998/11/10 07:00:00 | 154.64 | 19.687109 | 166.51 | 12.96 | -0.75 |
| 1998/11/10 08:00:00 | 172.33 | 14.879505 | 183.89 | 9.87  | -0.84 |
| 1998/11/10 09:00:00 | 220.04 | 14.637497 | 227.42 | 8.18  | -0.72 |
| 1998/11/10 10:00:00 | 285.87 | 8.834811  | 306.87 | 4.03  | -0.6  |
| 1998/11/10 11:00:00 | 250.64 | 5.025509  | 247.02 | 2.22  | -0.76 |
| 1998/11/10 12:00:00 | 220.42 | 5.274477  | 209.31 | 3.06  | -0.49 |
| 1998/11/10 13:00:00 | 258.82 | 8.279098  | 259.57 | 3.86  | -0.46 |
| 1998/11/10 14:00:00 | 262.42 | 5.273097  | 279.46 | 2.74  | -0.44 |
| 1998/11/10 15:00:00 | 232.75 | 4.80063   | 241.28 | 2.37  | -0.54 |
| 1998/11/10 16:00:00 | 243.5  | 4.469627  | 260.3  | 1.52  | -0.41 |
| 1998/11/10 17:00:00 | 268.29 | 4.813243  | 265.47 | 1.5   | -0.41 |
| 1998/11/10 18:00:00 | 268.23 | 4.507072  | 348.83 | 1.35  | 0.37  |
| 1998/11/10 19:00:00 | 243.69 | 2.18393   | 408.91 | 2.44  | 2.35  |
| 1998/11/10 20:00:00 | 257.93 | 2.942708  | 407.4  | 2.42  | 2.83  |
| 1998/11/10 21:00:00 | 280.31 | 4.472027  | 330.02 | 1.97  | 1.61  |
| 1998/11/10 22:00:00 | 314.07 | 7.696699  | 264.51 | 2.7   | -0.26 |
| 1998/11/10 23:00:00 | 333.93 | 9.211487  | 349.63 | 3.52  | 0.32  |
| 1998/11/11 00:00:00 | 327.51 | 9.697803  | 351.31 | 3.82  | 0.89  |
| 1998/11/11 01:00:00 | 330.7  | 7.722012  | 368.93 | 2.21  | 1.63  |
| 1998/11/11 02:00:00 | 316.48 | 7.091348  | 346.62 | 1.84  | 1.54  |
| 1998/11/11 03:00:00 | 327.28 | 9.949414  | 353.04 | 3.77  | 0.25  |
| 1998/11/11 04:00:00 | 331.86 | 9.388021  | 355.24 | 3.92  | -0.16 |
| 1998/11/11 05:00:00 | 338.75 | 8.350894  | 355.06 | 2.43  | 0.83  |
| 1998/11/11 06:00:00 | 347.12 | 7.428595  | 402.44 | 1.75  | 1.81  |
| 1998/11/11 07:00:00 | 358.23 | 10.578326 | 377.64 | 3.82  | 1.37  |
| 1998/11/11 08:00:00 | 365.48 | 8.933414  | 379.11 | 4.01  | 0.59  |
| 1998/11/11 09:00:00 | 363.31 | 9.951521  | 372.5  | 6.03  | -0.33 |
| 1998/11/11 10:00:00 | 368.85 | 8.937025  | 381.34 | 6.03  | -0.55 |
| 1998/11/11 11:00:00 | 391.14 | 8.576769  | 396.22 | 6.39  | -0.66 |
| 1998/11/11 12:00:00 | 396.72 | 11.050634 | 404.38 | 7.83  | -0.74 |
| 1998/11/11 13:00:00 | 386.19 | 10.082881 | 385.46 | 6.88  | -0.68 |
| 1998/11/11 14:00:00 | 310.83 | 7.900472  | 375.38 | 5.82  | -0.74 |
| 1998/11/11 15:00:00 | 387.56 | 7.841025  | 350.81 | 5.61  | -0.73 |
| 1998/11/11 16:00:00 | 360.05 | 7.444942  | 368.62 | 4.73  | -0.79 |
| 1998/11/11 17:00:00 | 352.56 | 7.937321  | 361.69 | 3.87  | -0.39 |
| 1998/11/11 18:00:00 | 357.87 | 7.693037  | 397.21 | 2.73  | 3.16  |
| 1998/11/11 19:00:00 | 367.11 | 9.461063  | 378.67 | 3.27  | 2.63  |
| 1998/11/11 20:00:00 | 374.96 | 10.261566 | 384.4  | 3.98  | 0.82  |
| 1998/11/11 21:00:00 | 382.6  | 9.329565  | 389.98 | 3.06  | 1.01  |
| 1998/11/11 22:00:00 | 387.6  | 9.799595  | 394.23 | 3.85  | 0.64  |

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| 1998/11/11 23:00:00 | 396.89 | 8.729044  | 410.78 | 2.96 | 0.57  |
| 1998/11/12 00:00:00 | 313.73 | 8.600206  | 338.61 | 2.89 | 0.81  |
| 1998/11/12 01:00:00 | 404.66 | 7.737751  | 423.67 | 2.07 | 1.05  |
| 1998/11/12 02:00:00 | 403.64 | 7.967595  | 419.98 | 2.28 | 1.59  |
| 1998/11/12 03:00:00 | 395.7  | 8.625246  | 405.08 | 2.72 | 0.89  |
| 1998/11/12 04:00:00 | 403.57 | 9.216473  | 407.28 | 3.01 | 0.31  |
| 1998/11/12 05:00:00 | 415.33 | 8.617651  | 379.89 | 2.81 | 0.51  |
| 1998/11/12 06:00:00 | 411.57 | 5.779286  | 385.97 | 1.42 | 1.75  |
| 1998/11/12 07:00:00 | 422.92 | 5.445379  | 435.1  | 1.36 | 1.23  |
| 1998/11/12 08:00:00 | 419.01 | 5.426763  | 388.06 | 2.11 | -0.35 |
| 1998/11/12 09:00:00 | 325.55 | 4.982311  | 389.28 | 3.05 | -0.75 |
| 1998/11/12 10:00:00 | 385.94 | 3.753302  | 316.08 | 2.8  | -0.73 |
| 1998/11/12 11:00:00 | 348.77 | 4.205788  | 324.27 | 3.06 | -0.67 |
| 1998/11/12 12:00:00 | 303.01 | 5.817646  | 309.36 | 4.24 | -0.45 |
| 1998/11/12 13:00:00 | 291.92 | 5.947521  | 307.77 | 2.99 | -0.72 |
| 1998/11/12 14:00:00 | 331.04 | 7.66401   | 348.36 | 3.45 | -1.31 |
| 1998/11/12 15:00:00 | 171.6  | 5.362077  | 212.08 | 3.22 | -0.99 |
| 1998/11/12 16:00:00 | 224.79 | 7.029868  | 349.84 | 3.43 | -0.71 |
| 1998/11/12 17:00:00 | 393.93 | 5.64998   | 397.44 | 3.34 | -0.71 |
| 1998/11/12 18:00:00 | 392.24 | 3.078641  | 295.43 | 1.77 | -1.45 |
| 1998/11/12 19:00:00 | 412.83 | 5.269924  | 322.79 | 2.43 | -1.63 |
| 1998/11/12 20:00:00 | 418.43 | 7.125037  | 353.06 | 3.87 | -1.67 |
| 1998/11/12 21:00:00 | 399.93 | 4.362027  | 370.91 | 2.35 | -1.87 |
| 1998/11/12 22:00:00 | 216.92 | 4.80996   | 292.19 | 2.94 | -1.74 |
| 1998/11/12 23:00:00 | 343.99 | 4.982091  | 275.5  | 2.92 | -2    |
| 1998/11/13 00:00:00 | 357.73 | 5.307849  | 361.32 | 2.87 | -1.55 |
| 1998/11/13 01:00:00 | 359.98 | 5.676246  | 363.23 | 3.03 | -1.27 |
| 1998/11/13 02:00:00 | 363.98 | 6.540353  | 351.96 | 3.73 | -0.69 |
| 1998/11/13 03:00:00 | 414.73 | 5.147713  | 252.72 | 2.81 | -0.53 |
| 1998/11/13 04:00:00 | 444.25 | 5.695236  | 366.89 | 2.52 | -0.2  |
| 1998/11/13 05:00:00 | 449.96 | 8.591347  | 229.59 | 3.07 | 0.34  |
| 1998/11/13 06:00:00 | 448.71 | 8.619617  | 271.6  | 2.92 | 0.67  |
| 1998/11/13 07:00:00 | 292.31 | 7.211466  | 234.82 | 3.14 | 0.41  |
| 1998/11/13 08:00:00 | 352.88 | 5.777125  | 364.53 | 2.99 | 0.04  |
| 1998/11/13 09:00:00 | 375.57 | 7.167616  | 385.31 | 4.1  | -0.5  |
| 1998/11/13 10:00:00 | 385.69 | 5.602119  | 390    | 3.27 | -0.78 |
| 1998/11/13 11:00:00 | 336.05 | 3.956981  | 365.65 | 2.98 | -1.16 |
| 1998/11/13 12:00:00 | 404.42 | 4.744681  | 402.93 | 3.75 | -1.15 |
| 1998/11/13 13:00:00 | 415.16 | 5.075665  | 411.02 | 3.42 | -1.18 |
| 1998/11/13 14:00:00 | 419.4  | 5.263655  | 409.59 | 3.34 | -1.11 |
| 1998/11/13 15:00:00 | 400.54 | 4.930564  | 401.16 | 3.3  | -1    |
| 1998/11/13 16:00:00 | 399.23 | 5.14728   | 393.88 | 2.82 | -0.8  |
| 1998/11/13 17:00:00 | 403.55 | 5.91134   | 358.89 | 3.21 | -0.15 |
| 1998/11/13 18:00:00 | 414.92 | 6.004465  | 395.79 | 3.13 | 0.23  |
| 1998/11/13 19:00:00 | 416.67 | 8.560122  | 393.46 | 4.26 | 0.5   |
| 1998/11/13 20:00:00 | 431.85 | 11.215403 | 415.81 | 5.25 | 0.89  |
| 1998/11/13 21:00:00 | 437.58 | 13.866832 | 381.45 | 6.06 | 0.98  |
| 1998/11/13 22:00:00 | 443.29 | 14.242694 | 407.4  | 5.79 | 0.9   |
| 1998/11/13 23:00:00 | 445.66 | 11.468509 | 365.25 | 4.01 | 0.3   |
| 1998/11/14 00:00:00 | 125.36 | 7.162097  | 333.09 | 2.88 | 0.38  |
| 1998/11/14 01:00:00 | 313.86 | 4.622844  | 343.5  | 1.81 | -0.45 |
| 1998/11/14 02:00:00 | 431.64 | 5.879459  | 383.93 | 2.63 | -0.79 |
| 1998/11/14 03:00:00 | 433.68 | 7.178696  | 367.58 | 2.45 | -0.48 |
| 1998/11/14 04:00:00 | 180.75 | 6.038955  | 376.71 | 2.35 | -0.46 |
| 1998/11/14 05:00:00 | 101.37 | 8.510924  | 170.74 | 3.49 | 0.49  |
| 1998/11/14 06:00:00 | 248.44 | 8.82645   | 215.76 | 4.05 | 0.77  |



## 007\_met1998.txt

|                     |        |          |        |      |       |
|---------------------|--------|----------|--------|------|-------|
| 1998/11/14 07:00:00 | 181.81 | 5.37608  | 308.18 | 2.3  | 1.03  |
| 1998/11/14 08:00:00 | 93.29  | 3.990587 | 230.53 | 2.58 | 1.14  |
| 1998/11/14 09:00:00 | 128.42 | 3.966861 | 280.82 | 2.1  | 2.08  |
| 1998/11/14 10:00:00 | 121.87 | 7.345809 | 261.79 | 3.51 | 0.56  |
| 1998/11/14 11:00:00 | 123.21 | 7.706089 | 160.39 | 3.99 | 0.44  |
| 1998/11/14 12:00:00 | 141.46 | 7.24694  | 158.43 | 4.88 | -0.09 |
| 1998/11/14 13:00:00 | 281.92 | 3.471959 | 188.75 | 2.29 | -0.32 |
| 1998/11/14 14:00:00 | 382.51 | 3.765114 | 374.39 | 2.63 | -1.16 |
| 1998/11/14 15:00:00 | 434.28 | 5.121812 | 316.96 | 2.59 | -1.05 |
| 1998/11/14 16:00:00 | 378.82 | 3.152943 | 353.98 | 2.67 | -0.98 |
| 1998/11/14 17:00:00 | 323.67 | 7.082938 | 331.06 | 4.09 | -0.8  |
| 1998/11/14 18:00:00 | 328.78 | 7.232819 | 340.38 | 3.76 | -0.37 |
| 1998/11/14 19:00:00 | 341.69 | 6.703668 | 345.77 | 4.07 | -1.2  |
| 1998/11/14 20:00:00 | 325.18 | 4.62852  | 318.9  | 2.72 | -1.74 |
| 1998/11/14 21:00:00 | 320.47 | 4.834769 | 331.28 | 2.74 | -2.18 |
| 1998/11/14 22:00:00 | 322.15 | 7.126193 | 334.45 | 4.04 | -1.95 |
| 1998/11/14 23:00:00 | 321.52 | 7.032325 | 333.66 | 4.04 | -1.69 |
| 1998/11/15 00:00:00 | 350.53 | 8.401726 | 358.35 | 4.83 | -0.59 |
| 1998/11/15 01:00:00 | 392.54 | 4.239928 | 292.16 | 2.33 | -1.1  |
| 1998/11/15 02:00:00 | 399.8  | 5.050049 | 355.37 | 2.44 | -2.79 |
| 1998/11/15 03:00:00 | 364.57 | 7.037897 | 366.94 | 3.83 | -2.42 |
| 1998/11/15 04:00:00 | 321.9  | 5.460719 | 324.82 | 3.28 | -3.12 |
| 1998/11/15 05:00:00 | 350.65 | 7.968375 | 364.3  | 4.81 | -1.94 |
| 1998/11/15 06:00:00 | 340.06 | 6.465729 | 356.56 | 3.59 | -2.05 |
| 1998/11/15 07:00:00 | 350.21 | 7.793538 | 360.69 | 4.37 | -1.96 |
| 1998/11/15 08:00:00 | 344.3  | 9.643471 | 359.16 | 5.7  | -1.57 |
| 1998/11/15 09:00:00 | 360.36 | 9.606451 | 371.12 | 5.44 | -1.04 |
| 1998/11/15 10:00:00 | 353.05 | 6.665081 | 345.46 | 3.98 | -0.92 |
| 1998/11/15 11:00:00 | 327.94 | 6.514681 | 327.81 | 3.97 | -1.19 |
| 1998/11/15 12:00:00 | 338.84 | 7.234495 | 356.52 | 4.58 | -1.15 |
| 1998/11/15 13:00:00 | 347.19 | 8.513409 | 358.73 | 5.45 | -1.07 |
| 1998/11/15 14:00:00 | 345.88 | 8.001321 | 355.74 | 5.02 | -1.11 |
| 1998/11/15 15:00:00 | 341.76 | 7.728377 | 352    | 4.74 | -1.17 |
| 1998/11/15 16:00:00 | 341.26 | 8.495423 | 353.68 | 5.36 | -1.11 |
| 1998/11/15 17:00:00 | 345.7  | 7.845294 | 355.56 | 4.51 | -0.9  |
| 1998/11/15 18:00:00 | 345.77 | 6.87901  | 356.81 | 3.88 | -0.83 |
| 1998/11/15 19:00:00 | 359.92 | 6.949282 | 371.35 | 4.21 | -0.83 |
| 1998/11/15 20:00:00 | 369.07 | 4.962771 | 372.91 | 2.68 | -1.02 |
| 1998/11/15 21:00:00 | 333.59 | 3.932994 | 328.95 | 1.84 | -1.28 |
| 1998/11/15 22:00:00 | 360.97 | 3.420842 | 380.34 | 1.57 | -1.41 |
| 1998/11/15 23:00:00 | 326.73 | 4.29035  | 329.22 | 1.99 | -1.55 |
| 1998/11/16 00:00:00 | 326.42 | 3.814417 | 330.43 | 2.23 | -1.36 |
| 1998/11/16 01:00:00 | 319.79 | 3.411972 | 310.13 | 2.09 | -1.66 |
| 1998/11/16 02:00:00 | 305.08 | 5.802986 | 310.53 | 2.75 | -1.4  |
| 1998/11/16 03:00:00 | 320.96 | 4.363588 | 304.07 | 2.45 | -1.2  |
| 1998/11/16 04:00:00 | 306.43 | 3.275996 | 296.55 | 1.96 | -1.62 |
| 1998/11/16 05:00:00 | 298.65 | 4.379284 | 311.55 | 2.42 | -1.58 |
| 1998/11/16 06:00:00 | 306.19 | 4.558383 | 313.91 | 2.34 | -1.73 |
| 1998/11/16 07:00:00 | 301.42 | 4.526438 | 291.8  | 2.53 | -1.23 |
| 1998/11/16 08:00:00 | 150.88 | 2.410638 | 151.23 | 1.6  | -1.86 |
| 1998/11/16 09:00:00 | 278.82 | 3.285191 | 282.67 | 2.2  | -1.59 |
| 1998/11/16 10:00:00 | 274.91 | 2.48386  | 309.39 | 2.19 | -1.33 |
| 1998/11/16 11:00:00 | 218.71 | 3.553657 | 214.89 | 3.05 | -1.15 |
| 1998/11/16 12:00:00 | 231.68 | 3.644489 | 260.4  | 2.64 | -0.78 |
| 1998/11/16 13:00:00 | 268.74 | 3.557687 | 290.67 | 2.95 | 0.26  |
| 1998/11/16 14:00:00 | 260.3  | 4.475068 | 262.04 | 3.33 | 0     |

## 007\_met1998.txt

|                     |        |          |        |      |       |
|---------------------|--------|----------|--------|------|-------|
| 1998/11/16 15:00:00 | 280.95 | 4.266813 | 303.16 | 3.43 | -0.1  |
| 1998/11/16 16:00:00 | 248.78 | 3.508951 | 264.55 | 2.76 | -0.24 |
| 1998/11/16 17:00:00 | 157.76 | 1.797485 | 103.23 | 1.53 | -0.1  |
| 1998/11/16 18:00:00 | 77.2   | 1.921899 | 315.98 | 2.17 | 1.55  |
| 1998/11/16 19:00:00 | 122.07 | 2.670141 | 408.84 | 2.36 | 1.66  |
| 1998/11/16 20:00:00 | 179.14 | 2.559349 | 365.75 | 1.96 | 0.58  |
| 1998/11/16 21:00:00 | 193.84 | 6.163792 | 177.81 | 1.72 | -2.64 |
| 1998/11/16 22:00:00 | 215.65 | 6.096327 | 291.27 | 1.26 | -3.07 |
| 1998/11/16 23:00:00 | 225.04 | 6.226289 | 259.84 | 1.84 | -3.31 |
| 1998/11/17 00:00:00 | 233.78 | 6.333962 | 272.64 | 2.38 | -2.65 |
| 1998/11/17 01:00:00 | 214.67 | 6.228794 | 217.56 | 4.08 | -2.93 |
| 1998/11/17 02:00:00 | 232.88 | 5.825551 | 242.5  | 2.64 | -2.71 |
| 1998/11/17 03:00:00 | 209.88 | 4.6107   | 211.74 | 3.19 | -2.76 |
| 1998/11/17 04:00:00 | 253.56 | 3.716301 | 280.53 | 1.97 | -3.19 |
| 1998/11/17 05:00:00 | 255.84 | 3.263122 | 264.14 | 1.74 | -4.37 |
| 1998/11/17 06:00:00 | 236.82 | 3.173437 | 227.66 | 2.1  | -4.85 |
| 1998/11/17 07:00:00 | 205.56 | 2.520436 | 289.1  | 1.6  | -5.2  |
| 1998/11/17 08:00:00 | 187.09 | 2.141316 | 231.24 | 1.76 | -5.41 |
| 1998/11/17 09:00:00 | 250.79 | 1.588177 | 202.34 | 1.43 | -5.33 |
| 1998/11/17 10:00:00 | 280.45 | 3.490221 | 288.77 | 2.5  | -3.94 |
| 1998/11/17 11:00:00 | 302.41 | 3.341107 | 315.66 | 2.89 | -2.67 |
| 1998/11/17 12:00:00 | 319.81 | 2.895008 | 311.85 | 2.38 | -1.65 |
| 1998/11/17 13:00:00 | 269.95 | 4.107443 | 285.02 | 3.01 | -0.4  |
| 1998/11/17 14:00:00 | 270.28 | 5.649101 | 262.27 | 3.88 | -0.51 |
| 1998/11/17 15:00:00 | 294.89 | 6.159181 | 296.24 | 4.46 | -1.47 |
| 1998/11/17 16:00:00 | 309.98 | 6.904222 | 313.52 | 4.64 | -0.9  |
| 1998/11/17 17:00:00 | 306.12 | 6.577375 | 317.41 | 3.56 | -0.92 |
| 1998/11/17 18:00:00 | 302.72 | 5.208388 | 316.71 | 2.84 | -1.15 |
| 1998/11/17 19:00:00 | 315.78 | 3.529091 | 329.24 | 2.12 | -1.48 |
| 1998/11/17 20:00:00 | 325.83 | 1.641954 | 318.24 | 1.37 | -2.26 |
| 1998/11/17 21:00:00 | 308.41 | 1.902382 | 183.03 | 1.48 | -3.41 |
| 1998/11/17 22:00:00 | 292.29 | 2.691605 | 306.3  | 1.81 | -3.73 |
| 1998/11/17 23:00:00 | 337.94 | 2.028505 | 370.42 | 1.41 | -4.23 |
| 1998/11/18 00:00:00 | 181.19 | 2.515791 | 144.48 | 1.64 | -3.95 |
| 1998/11/18 01:00:00 | 351.39 | 3.587133 | 183.43 | 2.38 | -3.66 |
| 1998/11/18 02:00:00 | 108.13 | 3.148184 | 251.81 | 2.07 | -3.74 |
| 1998/11/18 03:00:00 | 227.08 | 2.845992 | 253.68 | 1.62 | -4.56 |
| 1998/11/18 04:00:00 | 241.1  | 3.211413 | 252.96 | 2.04 | -4.37 |
| 1998/11/18 05:00:00 | 416.95 | 1.701802 | 385.27 | 1.39 | -5.37 |
| 1998/11/18 06:00:00 | 208.39 | 2.324763 | 230.19 | 1.61 | -5.48 |
| 1998/11/18 07:00:00 | 345.03 | 2.717865 | 391    | 1.98 | -5.73 |
| 1998/11/18 08:00:00 | 367.02 | 2.867886 | 383.28 | 1.85 | -5.97 |
| 1998/11/18 09:00:00 | 308.68 | 2.071851 | 324.75 | 1.6  | -5.79 |
| 1998/11/18 10:00:00 | 252.1  | 3.194952 | 342.5  | 2.38 | -5.02 |
| 1998/11/18 11:00:00 | 319.31 | 2.960281 | 294.2  | 2.09 | -2.89 |
| 1998/11/18 12:00:00 | 294.87 | 3.629574 | 271.79 | 3.04 | -1.3  |
| 1998/11/18 13:00:00 | 124.31 | 3.555226 | 177.94 | 2.44 | -0.79 |
| 1998/11/18 14:00:00 | 117.86 | 3.175869 | 123.19 | 2.19 | -0.55 |
| 1998/11/18 15:00:00 | 133.66 | 3.175869 | 146.76 | 2.4  | -2.13 |
| 1998/11/18 16:00:00 | 121.91 | 4.022937 | 251.11 | 1.83 | -2.11 |
| 1998/11/18 17:00:00 | 385.01 | 4.022937 | 381.6  | 1.45 | -1.3  |
| 1998/11/18 18:00:00 | 293.81 | 2.622778 | 224.29 | 1.44 | -0.82 |
| 1998/11/18 19:00:00 | 384.09 | 1.890238 | 404.2  | 2.43 | -0.79 |
| 1998/11/18 20:00:00 | 450.19 | 2.32972  | 428.24 | 1.71 | -0.99 |
| 1998/11/18 21:00:00 | 471.89 | 4.020847 | 395.72 | 2.19 | -2.87 |
| 1998/11/18 22:00:00 | 469.82 | 6.665701 | 127.51 | 2.15 | -3.3  |

## 007\_met1998.txt

|                     |        |           |        |        |       |       |
|---------------------|--------|-----------|--------|--------|-------|-------|
| 1998/11/18 23:00:00 | 470.01 | 5.950217  | 125.69 | 2.06   | -2.13 |       |
| 1998/11/19 00:00:00 | 114.38 | 5.969982  | 83.45  | 3.84   | -1.1  |       |
| 1998/11/19 01:00:00 | 115.26 | 7.400789  | 133.67 | 4.34   | -1.84 |       |
| 1998/11/19 02:00:00 | 120.52 | 10.219082 |        | 393.98 | 2.59  | -2.27 |
| 1998/11/19 03:00:00 | 122.38 | 11.222672 |        | 385.2  | 3.41  | -1.21 |
| 1998/11/19 04:00:00 | 116.84 | 8.954268  | 66     | 3.2    | -1.27 |       |
| 1998/11/19 05:00:00 | 106.77 | 10.35284  | 100.66 | 3.97   | -1.49 |       |
| 1998/11/19 06:00:00 | 106.33 | 6.921812  | 224.11 | 4.3    | -0.55 |       |
| 1998/11/19 07:00:00 | 123.02 | 8.659212  | 351.18 | 2.71   | -1.78 |       |
| 1998/11/19 08:00:00 | 124.78 | 10.415281 |        | 383.22 | 3.37  | -1.62 |
| 1998/11/19 09:00:00 | 112.58 | 10.699879 |        | 221.8  | 3.6   | -1.05 |
| 1998/11/19 10:00:00 | 112.76 | 9.776456  | 167.8  | 2.76   | -1.35 |       |
| 1998/11/19 11:00:00 | 164.35 | 8.822459  | 157.94 | 3.74   | -1.17 |       |
| 1998/11/19 12:00:00 | 210.77 | 5.965879  | 161.09 | 4.41   | -0.92 |       |
| 1998/11/19 13:00:00 | 150.25 | 5.855859  | 168.41 | 5.44   | -0.73 |       |
| 1998/11/19 14:00:00 | 147.35 | 6.205662  | 161.24 | 6.34   | -0.73 |       |
| 1998/11/19 15:00:00 | 133.38 | 7.699114  | 160.11 | 5.67   | -0.87 |       |
| 1998/11/19 16:00:00 | 135.27 | 8.396588  | 169    | 4.58   | -0.83 |       |
| 1998/11/19 17:00:00 | 120.88 | 7.976687  | 202    | 1.91   | -0.34 |       |
| 1998/11/19 18:00:00 | 129.72 | 7.418646  | 326.95 | 1.11   | 0.87  |       |
| 1998/11/19 19:00:00 | 105.45 | 3.894539  | 341.95 | 1.62   | 0.76  |       |
| 1998/11/19 20:00:00 | 216.84 | 3.175052  | 221.47 | 1.86   | 0.08  |       |
| 1998/11/19 21:00:00 | 111.92 | 6.687242  | 181.95 | 2.57   | -0.34 |       |
| 1998/11/19 22:00:00 | 119.46 | 6.386459  | 226.74 | 3.06   | -0.24 |       |
| 1998/11/19 23:00:00 | 143.85 | 8.082034  | 153.71 | 7.4    | -0.55 |       |
| 1998/11/20 00:00:00 | 147.95 | 9.745065  | 162.16 | 7.14   | -0.49 |       |
| 1998/11/20 01:00:00 | 150.02 | 13.796285 |        | 164.28 | 6.39  | -0.6  |
| 1998/11/20 02:00:00 | 159.65 | 12.116529 |        | 166.42 | 5.58  | -0.47 |
| 1998/11/20 03:00:00 | 160.87 | 10.961655 |        | 163.69 | 5.21  | -0.53 |
| 1998/11/20 04:00:00 | 170.07 | 9.65175   | 178.26 | 5.38   | -0.5  |       |
| 1998/11/20 05:00:00 | 189.25 | 8.612506  | 200.16 | 7.02   | -0.64 |       |
| 1998/11/20 06:00:00 | 209.64 | 8.851344  | 218.84 | 7.05   | -0.46 |       |
| 1998/11/20 07:00:00 | 207.93 | 11.395218 |        | 218.35 | 7.5   | -0.24 |
| 1998/11/20 08:00:00 | 202.04 | 13.040898 |        | 214.61 | 7.4   | -0.49 |
| 1998/11/20 09:00:00 | 326.46 | 12.799737 |        | 334.13 | 7.7   | -0.27 |
| 1998/11/20 10:00:00 | 329.68 | 12.399182 |        | 338.33 | 6.61  | 0.53  |
| 1998/11/20 11:00:00 | 336.22 | 12.815372 |        | 345.88 | 6.44  | 0.3   |
| 1998/11/20 12:00:00 | 332.1  | 11.014034 |        | 344.74 | 6.5   | 0.73  |
| 1998/11/20 13:00:00 | 333.23 | 10.990282 |        | 346.35 | 6.5   | 0.03  |
| 1998/11/20 14:00:00 | 342.01 | 10.856275 |        | 351.78 | 6.79  | -0.38 |
| 1998/11/20 15:00:00 | 341.27 | 10.981939 |        | 350.49 | 5.37  | -0.68 |
| 1998/11/20 16:00:00 | 348.08 | 10.987048 |        | 358.07 | 6.44  | -0.89 |
| 1998/11/20 17:00:00 | 343.12 | 8.784716  | 349.79 | 4.88   | -0.81 |       |
| 1998/11/20 18:00:00 | 347.41 | 10.2005   | 356.71 | 3.25   | -0.8  |       |
| 1998/11/20 19:00:00 | 340.03 | 8.725867  | 350.8  | 3.35   | -0.72 |       |
| 1998/11/20 20:00:00 | 346.42 | 6.794548  | 365.06 | 2.98   | -0.81 |       |
| 1998/11/20 21:00:00 | 363.22 | 7.470633  | 379.8  | 2.99   | -0.95 |       |
| 1998/11/20 22:00:00 | 366.36 | 6.924933  | 378.81 | 3.37   | -0.86 |       |
| 1998/11/20 23:00:00 | 376.47 | 7.066861  | 388.9  | 2.86   | -0.6  |       |
| 1998/11/21 00:00:00 | NaN    | 7.342677  | NaN    | NaN    | NaN   |       |
| 1998/11/21 01:00:00 | 378.07 | 7.333996  | 370.6  | 2.52   | -0.25 |       |
| 1998/11/21 02:00:00 | 381.4  | 7.333996  | 335.94 | 2.19   | -0.31 |       |
| 1998/11/21 03:00:00 | 389.29 | 7.62      | 393.04 | 3.11   | -0.61 |       |
| 1998/11/21 04:00:00 | 393.94 | 7.21      | 398.91 | 3.23   | -0.67 |       |
| 1998/11/21 05:00:00 | 393.25 | 8.26      | 394.11 | 4.28   | -0.73 |       |
| 1998/11/21 06:00:00 | 395.17 | 8.04      | 400.51 | 3.83   | -0.73 |       |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/11/21 07:00:00 | 401.89 | 7.74  | 392.63 | 3.44 | -0.66 |
| 1998/11/21 08:00:00 | 400.99 | 7.23  | 391.8  | 3.89 | -0.66 |
| 1998/11/21 09:00:00 | 407.24 | 8.83  | 398.01 | 5.23 | -0.68 |
| 1998/11/21 10:00:00 | 396.06 | 9.05  | 377.38 | 6.25 | -0.67 |
| 1998/11/21 11:00:00 | 403.05 | 7.27  | 396.16 | 4.91 | -0.79 |
| 1998/11/21 12:00:00 | 389.04 | 7.76  | 397.58 | 5.83 | -0.65 |
| 1998/11/21 13:00:00 | 413.82 | 8.17  | 385.72 | 5.47 | -0.55 |
| 1998/11/21 14:00:00 | 440.37 | 8.28  | 351.77 | 4.16 | -0.78 |
| 1998/11/21 15:00:00 | 371.71 | 7     | 363.29 | 4.46 | -0.58 |
| 1998/11/21 16:00:00 | 365.36 | 7.95  | 373.54 | 4.34 | -0.76 |
| 1998/11/21 17:00:00 | 371    | 9.86  | 379.17 | 5.37 | -0.67 |
| 1998/11/21 18:00:00 | 371.35 | 8.14  | 371.99 | 4.08 | -0.6  |
| 1998/11/21 19:00:00 | 391.27 | 8.28  | 392.17 | 3.89 | -0.47 |
| 1998/11/21 20:00:00 | 396.19 | 7.54  | 394.46 | 3.18 | -0.24 |
| 1998/11/21 21:00:00 | 408.27 | 6.65  | 323.81 | 1.8  | 1.77  |
| 1998/11/21 22:00:00 | 406.16 | 8.81  | 393.78 | 3.34 | 1.22  |
| 1998/11/21 23:00:00 | 398.11 | 7.89  | 389.66 | 2.81 | 0.88  |
| 1998/11/22 00:00:00 | 345.98 | 8.3   | 389.07 | 3.06 | 0.91  |
| 1998/11/22 01:00:00 | 413.25 | 7.3   | 299.58 | 1.64 | 1.61  |
| 1998/11/22 02:00:00 | 408.58 | 6.54  | 406.15 | 1.48 | 1.99  |
| 1998/11/22 03:00:00 | 408.9  | 7.8   | 400.51 | 2.07 | 1.42  |
| 1998/11/22 04:00:00 | 424.81 | 10.04 | 422.56 | 2.51 | 0.72  |
| 1998/11/22 05:00:00 | 432.38 | 10.73 | 419.5  | 3.15 | 0.56  |
| 1998/11/22 06:00:00 | 427.24 | 10.47 | 411.75 | 3.35 | 0.38  |
| 1998/11/22 07:00:00 | 427.38 | 9.88  | 418.58 | 2.34 | 1.24  |
| 1998/11/22 08:00:00 | 437.84 | 10.9  | 423.3  | 3.99 | 0.33  |
| 1998/11/22 09:00:00 | 444.54 | 8.07  | 387.4  | 3.93 | -0.5  |
| 1998/11/22 10:00:00 | 190.94 | 5.82  | 169.63 | 3.54 | -0.71 |
| 1998/11/22 11:00:00 | 281.68 | 7.32  | 174.97 | 4.78 | -0.92 |
| 1998/11/22 12:00:00 | 318.73 | 6.97  | 183.96 | 4.93 | -0.73 |
| 1998/11/22 13:00:00 | 179.8  | 5.07  | 272.91 | 3.96 | -0.51 |
| 1998/11/22 14:00:00 | 208.94 | 5.17  | 185.74 | 4.09 | -0.63 |
| 1998/11/22 15:00:00 | 427.49 | 5.4   | 366.57 | 3.65 | -0.67 |
| 1998/11/22 16:00:00 | 452.73 | 5.6   | 384.83 | 3.24 | -0.72 |
| 1998/11/22 17:00:00 | 441.14 | 5.07  | 358.88 | 2.44 | 0.35  |
| 1998/11/22 18:00:00 | 420.92 | 6.12  | 414.58 | 1.73 | 2.76  |
| 1998/11/22 19:00:00 | 429.74 | 3.2   | 427.18 | 0.8  | 2.12  |
| 1998/11/22 20:00:00 | 451.15 | 4.75  | 412    | 1.2  | 1.67  |
| 1998/11/22 21:00:00 | 452.02 | 6.38  | 354.33 | 1.53 | 1.36  |
| 1998/11/22 22:00:00 | 451.76 | 5.57  | 197.62 | 1.49 | 1.02  |
| 1998/11/22 23:00:00 | 464.18 | 7.59  | 342.96 | 2.15 | 0.37  |
| 1998/11/23 00:00:00 | 196.07 | 3.08  | 244.23 | 2.11 | -0.1  |
| 1998/11/23 01:00:00 | 480.56 | 2.71  | 433.2  | 1.66 | 0.72  |
| 1998/11/23 02:00:00 | 457.39 | 3.61  | 356.41 | 1.43 | 0.54  |
| 1998/11/23 03:00:00 | 183.74 | 2.51  | 383.52 | 1.32 | 0.45  |
| 1998/11/23 04:00:00 | 143.04 | 2.62  | 215.83 | 1.14 | -0.41 |
| 1998/11/23 05:00:00 | 209.33 | 3.73  | 295.42 | 1.13 | -0.7  |
| 1998/11/23 06:00:00 | 110.48 | 3.19  | 179.67 | 1.36 | -0.73 |
| 1998/11/23 07:00:00 | 258.31 | 6.25  | 190.71 | 2.54 | -0.78 |
| 1998/11/23 08:00:00 | 258.31 | 6.25  | 190.71 | 2.54 | -0.78 |
| 1998/11/23 09:00:00 | 134.82 | 3.29  | 173.39 | 2.27 | -1.12 |
| 1998/11/23 10:00:00 | 211.86 | 2.43  | 226.97 | 1.99 | -0.94 |
| 1998/11/23 11:00:00 | 232.63 | 4.17  | 233.36 | 3    | -0.79 |
| 1998/11/23 12:00:00 | 236.4  | 3.35  | 227.07 | 2.78 | -0.51 |
| 1998/11/23 13:00:00 | 249.95 | 3.82  | 257.48 | 3.05 | -0.41 |
| 1998/11/23 14:00:00 | 275.7  | 4.53  | 293.34 | 3.27 | -0.47 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/11/23 15:00:00 | 289.66 | 3.81  | 304.81 | 2.76 | -0.73 |
| 1998/11/23 16:00:00 | 302.47 | 2.82  | 288.39 | 2.02 | -0.91 |
| 1998/11/23 17:00:00 | 222.93 | 1.21  | 169.94 | 1.03 | -0.7  |
| 1998/11/23 18:00:00 | 215.04 | 1.51  | 304.32 | 1.67 | 0.41  |
| 1998/11/23 19:00:00 | 270.33 | 2.6   | 396.97 | 1.98 | 0.09  |
| 1998/11/23 20:00:00 | 341.16 | 5.63  | 405.86 | 2.68 | -0.82 |
| 1998/11/23 21:00:00 | 371.66 | 6.42  | 413.13 | 2.42 | -0.16 |
| 1998/11/23 22:00:00 | 417.44 | 7.33  | 427.92 | 1.53 | 0.25  |
| 1998/11/23 23:00:00 | 396.35 | 5.49  | 388.95 | 1.17 | -0.19 |
| 1998/11/24 00:00:00 | 298.19 | 6.8   | 360.46 | 1.56 | -1.94 |
| 1998/11/24 01:00:00 | 305.03 | 6.47  | 336.08 | 1.07 | -0.87 |
| 1998/11/24 02:00:00 | 361.69 | 7.36  | 387.65 | 2.65 | -2.68 |
| 1998/11/24 03:00:00 | 361.92 | 5.17  | 355.16 | 2.22 | -2.4  |
| 1998/11/24 04:00:00 | 328.54 | 4.69  | 389.13 | 1.33 | -2.71 |
| 1998/11/24 05:00:00 | 370.88 | 4.06  | 208.72 | 1.61 | -2.55 |
| 1998/11/24 06:00:00 | 345.94 | 3.84  | 287.02 | 1.15 | -1.62 |
| 1998/11/24 07:00:00 | 381.24 | 6.51  | 348.35 | 2.08 | -2.23 |
| 1998/11/24 08:00:00 | 419.75 | 6.19  | 197.51 | 1.78 | -1.79 |
| 1998/11/24 09:00:00 | 464.12 | 6.88  | 218.76 | 2.42 | -1.18 |
| 1998/11/24 10:00:00 | 313.04 | 3.58  | 144.02 | 3.45 | -0.51 |
| 1998/11/24 11:00:00 | 159.73 | 3.59  | 175.25 | 3.39 | -0.78 |
| 1998/11/24 12:00:00 | 197.18 | 4.18  | 208.69 | 3.52 | 0.21  |
| 1998/11/24 13:00:00 | 274.81 | 4.85  | 284.15 | 3.98 | 0.58  |
| 1998/11/24 14:00:00 | 297.18 | 3.81  | 315.32 | 2.81 | -0.07 |
| 1998/11/24 15:00:00 | 295.06 | 4.18  | 322.38 | 3.21 | -0.05 |
| 1998/11/24 16:00:00 | 335.41 | 3.12  | 288.96 | 2.18 | -0.52 |
| 1998/11/24 17:00:00 | 338.29 | 3.87  | 363.13 | 1.97 | 0.22  |
| 1998/11/24 18:00:00 | 385.33 | 6.21  | 397.08 | 2.15 | 2.26  |
| 1998/11/24 19:00:00 | 365.95 | 4.09  | 404.77 | 1.24 | 3.19  |
| 1998/11/24 20:00:00 | 330.18 | 2.74  | 174.18 | 1.37 | 2.74  |
| 1998/11/24 21:00:00 | 99.29  | 4.9   | 173.07 | 1.93 | 2.8   |
| 1998/11/24 22:00:00 | 113.03 | 6.33  | 256.3  | 2.12 | 0.97  |
| 1998/11/24 23:00:00 | 104.74 | 6.26  | 244.85 | 1.65 | 0.17  |
| 1998/11/25 00:00:00 | 135.04 | 4.83  | 216.53 | 1.6  | 0.6   |
| 1998/11/25 01:00:00 | 106.3  | 4.91  | 271.03 | 1.03 | 0.16  |
| 1998/11/25 02:00:00 | 119.52 | 6.35  | 220.87 | 1.83 | -0.25 |
| 1998/11/25 03:00:00 | 122.88 | 10.26 | 78.55  | 4.45 | 1.47  |
| 1998/11/25 04:00:00 | 125.92 | 9.08  | 171.92 | 2.73 | 1.65  |
| 1998/11/25 05:00:00 | 132.09 | 7.47  | 176.07 | 2.41 | 0.96  |
| 1998/11/25 06:00:00 | 127.2  | 8.91  | 169.29 | 2.49 | 1.19  |
| 1998/11/25 07:00:00 | 148.84 | 7.15  | 141.58 | 2.45 | 0.05  |
| 1998/11/25 08:00:00 | 153.42 | 8.3   | 148.01 | 3.55 | 0.11  |
| 1998/11/25 09:00:00 | 150.11 | 8.43  | 148.34 | 5.29 | -0.42 |
| 1998/11/25 10:00:00 | 181.81 | 8.31  | 191    | 5.98 | -0.65 |
| 1998/11/25 11:00:00 | 222.98 | 9.53  | 223.56 | 5.97 | -0.67 |
| 1998/11/25 12:00:00 | 205.78 | 11.55 | 213.98 | 7.62 | -0.91 |
| 1998/11/25 13:00:00 | 195.21 | 10.26 | 205.83 | 7.08 | -0.94 |
| 1998/11/25 14:00:00 | 205.33 | 10.13 | 214.85 | 7.55 | -0.89 |
| 1998/11/25 15:00:00 | 211.52 | 11.2  | 219.04 | 7.56 | -0.98 |
| 1998/11/25 16:00:00 | 212.19 | 10.06 | 219.57 | 5.92 | -0.75 |
| 1998/11/25 17:00:00 | 201.49 | 6.92  | 214.65 | 3.48 | -0.4  |
| 1998/11/25 18:00:00 | 176.31 | 6.72  | 167.2  | 2.48 | -0.02 |
| 1998/11/25 19:00:00 | 171.11 | 6.39  | 147.56 | 2.22 | 0.04  |
| 1998/11/25 20:00:00 | 162.1  | 7.06  | 155.41 | 3.34 | -0.31 |
| 1998/11/25 21:00:00 | 172.57 | 6.89  | 171.9  | 2.88 | -0.31 |
| 1998/11/25 22:00:00 | 183.89 | 7.13  | 184.66 | 2.25 | -0.17 |

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|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/11/25 23:00:00 | 191.58 | 7.1   | 174.88 | 1.69 | 0.33  |
| 1998/11/26 00:00:00 | 211.76 | 6.17  | 222.36 | 1.42 | 0.47  |
| 1998/11/26 01:00:00 | 244.55 | 4.42  | 370.54 | 1.39 | 0.03  |
| 1998/11/26 02:00:00 | 218.3  | 4.36  | 411.4  | 1.49 | 0.35  |
| 1998/11/26 03:00:00 | 224.86 | 4.09  | 397.82 | 1.29 | 0.02  |
| 1998/11/26 04:00:00 | 224.1  | 4.09  | 153.54 | 1.31 | -1.26 |
| 1998/11/26 05:00:00 | 308.84 | 3.32  | 42.45  | 1.85 | -1.15 |
| 1998/11/26 06:00:00 | 356.17 | 3.14  | 266.08 | 1.31 | 0.21  |
| 1998/11/26 07:00:00 | 402.61 | 1.43  | 316.4  | 0.98 | -0.41 |
| 1998/11/26 08:00:00 | 412.61 | 3.54  | 310.3  | 1.25 | -1.28 |
| 1998/11/26 09:00:00 | 397.27 | 3.86  | 245.53 | 1.62 | -1.57 |
| 1998/11/26 10:00:00 | 233.06 | 3.91  | 215.76 | 2.97 | 1.06  |
| 1998/11/26 11:00:00 | 116.07 | 7.1   | 297.91 | 4.52 | -0.13 |
| 1998/11/26 12:00:00 | 234.1  | 3.88  | 270.75 | 2.92 | -0.33 |
| 1998/11/26 13:00:00 | 251.68 | 4.92  | 253.6  | 3.91 | 0.47  |
| 1998/11/26 14:00:00 | 284    | 6.17  | 301.52 | 4.48 | -0.1  |
| 1998/11/26 15:00:00 | 287.77 | 5.13  | 288.86 | 3.87 | -0.23 |
| 1998/11/26 16:00:00 | 309.92 | 4.51  | 318.96 | 3.22 | -0.57 |
| 1998/11/26 17:00:00 | 323.57 | 6.11  | 344.67 | 2.68 | -0.03 |
| 1998/11/26 18:00:00 | 332.46 | 8.61  | 354.94 | 3.35 | 0.92  |
| 1998/11/26 19:00:00 | 345.89 | 9.41  | 364.54 | 3.81 | 0.06  |
| 1998/11/26 20:00:00 | 366.7  | 11.17 | 378.02 | 4.67 | 0.51  |
| 1998/11/26 21:00:00 | 385.25 | 6.95  | 355.23 | 1.82 | 1.46  |
| 1998/11/26 22:00:00 | 395.89 | 4.8   | 420.38 | 1.38 | 4.45  |
| 1998/11/26 23:00:00 | 439.16 | 5.53  | 417.89 | 2.12 | 6.33  |
| 1998/11/27 00:00:00 | 103.3  | 5.55  | 93.71  | 2.25 | 5.07  |
| 1998/11/27 01:00:00 | 76.02  | 6.68  | 154.41 | 1.61 | 4.13  |
| 1998/11/27 02:00:00 | 74.7   | 8.52  | 461.31 | 1.65 | 5.93  |
| 1998/11/27 03:00:00 | 65.14  | 11.39 | 313.02 | 1.64 | 6.1   |
| 1998/11/27 04:00:00 | 71.66  | 11.31 | 101.08 | 1.71 | 7.66  |
| 1998/11/27 05:00:00 | 84.19  | 11.31 | 90.79  | 1.89 | 7.33  |
| 1998/11/27 06:00:00 | 98.35  | 10.63 | 407.49 | 2.83 | 6.73  |
| 1998/11/27 07:00:00 | 112.26 | 10.63 | 443.69 | 3.97 | 8.48  |
| 1998/11/27 08:00:00 | 116.9  | 10.61 | 443.82 | 4.15 | 7.35  |
| 1998/11/27 09:00:00 | 117.65 | 9.74  | 321.66 | 3.56 | 3.06  |
| 1998/11/27 10:00:00 | 147.96 | 4.95  | 163.03 | 2.48 | -0.46 |
| 1998/11/27 11:00:00 | 190.28 | 3.29  | 154.09 | 2.85 | -0.28 |
| 1998/11/27 12:00:00 | 217.56 | 2.95  | 240.49 | 2.82 | 0.26  |
| 1998/11/27 13:00:00 | 251.26 | 4.21  | 274.04 | 3.36 | 0.65  |
| 1998/11/27 14:00:00 | 245.34 | 3.66  | 238.06 | 3.09 | 0.09  |
| 1998/11/27 15:00:00 | 271.66 | 3.59  | 297.55 | 2.82 | 0.06  |
| 1998/11/27 16:00:00 | 263.13 | 3.3   | 276.08 | 2.47 | -0.38 |
| 1998/11/27 17:00:00 | 340.12 | 2.45  | 365.22 | 1.79 | 0.41  |
| 1998/11/27 18:00:00 | 414.3  | 2.5   | 410.29 | 2.78 | 4.75  |
| 1998/11/27 19:00:00 | 435.77 | 5.46  | 421.13 | 2.79 | 6.41  |
| 1998/11/27 20:00:00 | 428.15 | 7.6   | 451.36 | 1.25 | 4.73  |
| 1998/11/27 21:00:00 | 437.96 | 7.32  | 485.39 | 1.63 | 4.19  |
| 1998/11/27 22:00:00 | 457.48 | 6.55  | 437.85 | 1.82 | 2.07  |
| 1998/11/27 23:00:00 | 463.96 | 6.46  | 351.42 | 1.86 | 3.96  |
| 1998/11/28 00:00:00 | 124.85 | 10.5  | 96.78  | 4.07 | 2.87  |
| 1998/11/28 01:00:00 | 115.05 | 10.9  | 435.64 | 4.56 | 2.59  |
| 1998/11/28 02:00:00 | 111.77 | 11.11 | 437.18 | 4.71 | 2.48  |
| 1998/11/28 03:00:00 | 102.68 | 9.84  | 440.15 | 4.31 | 1.62  |
| 1998/11/28 04:00:00 | 116.32 | 8.77  | 439.54 | 3.68 | 2.5   |
| 1998/11/28 05:00:00 | 125.78 | 7.16  | 430.23 | 3.05 | 3.73  |
| 1998/11/28 06:00:00 | 113.72 | 6.71  | 428.27 | 2.53 | 3.33  |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/11/28 07:00:00 | 115.71 | 8.06  | 443.19 | 3.42  | 3.58  |
| 1998/11/28 08:00:00 | 123.98 | 7.32  | 260.1  | 1.82  | 3.41  |
| 1998/11/28 09:00:00 | 122.11 | 5.13  | 223.63 | 1.73  | 0.46  |
| 1998/11/28 10:00:00 | 143.95 | 3.13  | 129.1  | 1.67  | -0.56 |
| 1998/11/28 11:00:00 | 211.52 | 2.02  | 227.03 | 1.8   | -0.44 |
| 1998/11/28 12:00:00 | 266.31 | 3.96  | 304.2  | 3.01  | -0.4  |
| 1998/11/28 13:00:00 | 228.51 | 5.67  | 223.72 | 4.41  | -0.23 |
| 1998/11/28 14:00:00 | 220.99 | 4.2   | 222.95 | 3.14  | -0.21 |
| 1998/11/28 15:00:00 | 225.96 | 4.57  | 234.22 | 2.99  | -0.5  |
| 1998/11/28 16:00:00 | 213.91 | 5.61  | 213.21 | 3.77  | -0.63 |
| 1998/11/28 17:00:00 | 211.92 | 5.71  | 209.73 | 2.67  | -0.62 |
| 1998/11/28 18:00:00 | 220.99 | 2.81  | 282.47 | 1.7   | 0.23  |
| 1998/11/28 19:00:00 | 179.38 | 3.27  | 414.36 | 2.01  | 0.71  |
| 1998/11/28 20:00:00 | 138.15 | 5.02  | 311.96 | 1.65  | 0.93  |
| 1998/11/28 21:00:00 | 136.58 | 6.26  | 139.25 | 2.43  | -0.13 |
| 1998/11/28 22:00:00 | 122.09 | 8.24  | 142.53 | 2.96  | -0.22 |
| 1998/11/28 23:00:00 | 124.26 | 7.86  | 132.88 | 2.82  | -0.99 |
| 1998/11/29 00:00:00 | 132.45 | 8.2   | 131.18 | 3.05  | -0.41 |
| 1998/11/29 01:00:00 | 123.75 | 7.29  | 118.08 | 2.38  | -0.39 |
| 1998/11/29 02:00:00 | 119.77 | 6.13  | 222.2  | 2.44  | -0.44 |
| 1998/11/29 03:00:00 | 130.48 | 8.29  | 124.53 | 3.69  | -0.53 |
| 1998/11/29 04:00:00 | 124.86 | 7.54  | 111.42 | 2.93  | -0.62 |
| 1998/11/29 05:00:00 | 115.26 | 7.66  | 161.73 | 2.95  | -0.63 |
| 1998/11/29 06:00:00 | 114.39 | 8.13  | 81.25  | 3.08  | -0.65 |
| 1998/11/29 07:00:00 | 101.58 | 8.39  | 185.43 | 3.5   | -1.4  |
| 1998/11/29 08:00:00 | 104.96 | 9.78  | 191.06 | 3.35  | -1.03 |
| 1998/11/29 09:00:00 | 104.29 | 8.81  | 144.73 | 3.73  | -0.43 |
| 1998/11/29 10:00:00 | 110.03 | 6.16  | 195.69 | 3.44  | -0.8  |
| 1998/11/29 11:00:00 | 130.09 | 6.78  | 172.39 | 4.8   | -0.87 |
| 1998/11/29 12:00:00 | 149.65 | 8.53  | 166.39 | 6.91  | -0.73 |
| 1998/11/29 13:00:00 | 153.58 | 10.21 | 170.16 | 7.85  | -0.79 |
| 1998/11/29 14:00:00 | 152.17 | 8.7   | 165.16 | 7.08  | -0.73 |
| 1998/11/29 15:00:00 | 141.97 | 10.24 | 157.88 | 7.15  | -0.95 |
| 1998/11/29 16:00:00 | 146.03 | 9.75  | 163.01 | 6.88  | -0.85 |
| 1998/11/29 17:00:00 | 136.05 | 8.15  | 162.25 | 4.86  | -0.66 |
| 1998/11/29 18:00:00 | 121.24 | 7.36  | 158.01 | 3.97  | -0.54 |
| 1998/11/29 19:00:00 | 122.39 | 9.03  | 147.09 | 4.56  | -0.6  |
| 1998/11/29 20:00:00 | 119.34 | 9.67  | 149.71 | 4.48  | -0.63 |
| 1998/11/29 21:00:00 | 119.82 | 10.71 | 136.21 | 5     | -0.53 |
| 1998/11/29 22:00:00 | 115.38 | 10.58 | 180.54 | 4.26  | -0.42 |
| 1998/11/29 23:00:00 | 117.59 | 11.79 | 157.33 | 5.35  | -0.48 |
| 1998/11/30 00:00:00 | 119.89 | 11.33 | 133.91 | 5.16  | -0.33 |
| 1998/11/30 01:00:00 | 121.31 | 11.79 | 145.99 | 5.41  | -0.47 |
| 1998/11/30 02:00:00 | 120.55 | 12.39 | 146.48 | 5.89  | -0.43 |
| 1998/11/30 03:00:00 | 137.08 | 11.55 | 154.77 | 6.23  | -0.55 |
| 1998/11/30 04:00:00 | 143.29 | 12.97 | 149.51 | 7.3   | -0.37 |
| 1998/11/30 05:00:00 | 133.72 | 12.06 | 144.01 | 6     | -0.42 |
| 1998/11/30 06:00:00 | 135.27 | 13.65 | 150.52 | 7.02  | -0.39 |
| 1998/11/30 07:00:00 | 125.88 | 15.11 | 141.92 | 7.72  | -0.4  |
| 1998/11/30 08:00:00 | 121.1  | 13.54 | 133.74 | 6.06  | -0.14 |
| 1998/11/30 09:00:00 | 130.59 | 13.05 | 148.73 | 7.82  | -0.69 |
| 1998/11/30 10:00:00 | 144.45 | 12.67 | 158.62 | 8.87  | -0.87 |
| 1998/11/30 11:00:00 | 156.2  | 14.19 | 166.69 | 10.06 | -0.96 |
| 1998/11/30 12:00:00 | 168.27 | 12.71 | 176.74 | 9.29  | -0.84 |
| 1998/11/30 13:00:00 | 174.26 | 11.21 | 183.32 | 7.69  | -0.78 |
| 1998/11/30 14:00:00 | 178.17 | 12.18 | 188.68 | 9.09  | -0.86 |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/11/30 15:00:00 | 183.47 | 14.13 | 193.64 | 10.05 | -0.91 |
| 1998/11/30 16:00:00 | 178.49 | 10.39 | 187.97 | 7.56  | -0.78 |
| 1998/11/30 17:00:00 | 174.65 | 9.31  | 182.07 | 6.19  | -0.67 |
| 1998/11/30 18:00:00 | 167.15 | 7.27  | 170.41 | 4.07  | -0.55 |
| 1998/11/30 19:00:00 | 139.56 | 8.59  | 149.47 | 4.5   | -0.46 |
| 1998/11/30 20:00:00 | 227.75 | 6.56  | 267.99 | 3.19  | 0.08  |
| 1998/11/30 21:00:00 | 195.14 | 4.96  | 202.99 | 1.76  | -0.14 |
| 1998/11/30 22:00:00 | 252.91 | 3.89  | 372.22 | 1.52  | -2.21 |
| 1998/11/30 23:00:00 | 328.73 | 8.47  | 345.01 | 3.14  | -3.42 |
| 1998/12/01 00:00:00 | 351.6  | 7.48  | 361.4  | 2.98  | -2.11 |
| 1998/12/01 01:00:00 | 365.77 | 5.78  | 387.62 | 0.95  | -1.37 |
| 1998/12/01 02:00:00 | 336.51 | 8.07  | 349.05 | 2.83  | -2.17 |
| 1998/12/01 03:00:00 | 350.27 | 6.82  | 374.57 | 2.09  | -2.22 |
| 1998/12/01 04:00:00 | 361.71 | 8.34  | 360.36 | 2.81  | -1.77 |
| 1998/12/01 05:00:00 | 371.28 | 5.83  | 163.59 | 0.99  | -1.07 |
| 1998/12/01 06:00:00 | 383.96 | 5.95  | 398.23 | 1.3   | -1.2  |
| 1998/12/01 07:00:00 | 372.84 | 8.09  | 363.26 | 2.49  | -1.88 |
| 1998/12/01 08:00:00 | 391.7  | 6.4   | 323.63 | 1.92  | -1.47 |
| 1998/12/01 09:00:00 | 399.84 | 7.32  | 400.99 | 4.54  | -0.62 |
| 1998/12/01 10:00:00 | 396.81 | 9.13  | 399.59 | 6.3   | -0.62 |
| 1998/12/01 11:00:00 | 386.54 | 6.79  | 388.75 | 5.24  | -0.51 |
| 1998/12/01 12:00:00 | 396.25 | 5.62  | 389.02 | 4.49  | -0.33 |
| 1998/12/01 13:00:00 | 383.48 | 6.76  | 382.21 | 4.84  | -0.39 |
| 1998/12/01 14:00:00 | 388.21 | 7.88  | 392.56 | 5.82  | -0.51 |
| 1998/12/01 15:00:00 | 371.53 | 6.06  | 373.07 | 4.52  | -0.47 |
| 1998/12/01 16:00:00 | 369.37 | 5.17  | 374.57 | 3.71  | -0.65 |
| 1998/12/01 17:00:00 | 373.53 | 4.93  | 382.36 | 2.24  | 0.36  |
| 1998/12/01 18:00:00 | 380.08 | 7.98  | 393.81 | 2.67  | 3.44  |
| 1998/12/01 19:00:00 | 391.07 | 8.76  | 409    | 2.99  | 2.47  |
| 1998/12/01 20:00:00 | 404.06 | 7.65  | 423.74 | 2.54  | 3.74  |
| 1998/12/01 21:00:00 | 408.12 | 7.26  | 415.74 | 2.76  | 6.87  |
| 1998/12/01 22:00:00 | 421.7  | 7.32  | 417.89 | 2.57  | 9.66  |
| 1998/12/01 23:00:00 | 427.2  | 8.21  | 422.3  | 2.19  | 8.49  |
| 1998/12/02 00:00:00 | 82.52  | 8.6   | 99.24  | 1.99  | 5.98  |
| 1998/12/02 01:00:00 | 75.09  | 9.99  | 243.7  | 1.36  | 3.24  |
| 1998/12/02 02:00:00 | 77.75  | 11.49 | 341.16 | 1.79  | 3.38  |
| 1998/12/02 03:00:00 | 79.5   | 11.39 | 155.4  | 2.27  | 1.96  |
| 1998/12/02 04:00:00 | 88.98  | 10.94 | 300.37 | 2.76  | 1.67  |
| 1998/12/02 05:00:00 | 90.51  | 10.2  | 294.45 | 2.64  | 1.38  |
| 1998/12/02 06:00:00 | 99.71  | 11.63 | 326.68 | 4.63  | 2.11  |
| 1998/12/02 07:00:00 | 93.05  | 11.5  | 340.28 | 4.15  | 1.69  |
| 1998/12/02 08:00:00 | 97.06  | 12.71 | 207.19 | 4.44  | 1.37  |
| 1998/12/02 09:00:00 | 95.01  | 9.4   | 261.2  | 3.73  | -0.32 |
| 1998/12/02 10:00:00 | 100.74 | 7.17  | 126.33 | 3.8   | -0.81 |
| 1998/12/02 11:00:00 | 109.12 | 6.89  | 156.06 | 4.09  | -0.86 |
| 1998/12/02 12:00:00 | 117.44 | 5.84  | 150.12 | 3.97  | -0.56 |
| 1998/12/02 13:00:00 | 201.96 | 7.6   | 204.6  | 5.82  | -0.56 |
| 1998/12/02 14:00:00 | 223.76 | 9.93  | 223.68 | 7.13  | -0.78 |
| 1998/12/02 15:00:00 | 220.31 | 10.59 | 223.9  | 7.28  | -0.85 |
| 1998/12/02 16:00:00 | 219.53 | 6.23  | 221.65 | 4.08  | -0.82 |
| 1998/12/02 17:00:00 | 234.59 | 5.83  | 253.69 | 2.74  | -0.77 |
| 1998/12/02 18:00:00 | 229.73 | 4.61  | 373.61 | 1.23  | -0.59 |
| 1998/12/02 19:00:00 | 123.74 | 5.65  | 188.66 | 2.26  | -0.94 |
| 1998/12/02 20:00:00 | 112.96 | 6.46  | 120.98 | 2.29  | -0.65 |
| 1998/12/02 21:00:00 | 114.62 | 9.41  | 400.92 | 3.94  | -0.74 |
| 1998/12/02 22:00:00 | 136.19 | 9.27  | 151.85 | 2.89  | -0.26 |



## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/12/02 23:00:00 | 115.57 | 9.06  | 147.35 | 3.15  | 0.1   |
| 1998/12/03 00:00:00 | 126.74 | 11.23 | 207.1  | 3.94  | -0.69 |
| 1998/12/03 01:00:00 | 145.57 | 8.55  | 141.7  | 2.9   | -0.92 |
| 1998/12/03 02:00:00 | 146.72 | 8.02  | 140.69 | 3.24  | -0.92 |
| 1998/12/03 03:00:00 | 126    | 9.89  | 189.5  | 3.78  | -0.72 |
| 1998/12/03 04:00:00 | 113.25 | 7.25  | 127.05 | 2.4   | -0.85 |
| 1998/12/03 05:00:00 | 288.68 | 7.08  | 178.86 | 2.9   | -1.36 |
| 1998/12/03 06:00:00 | 169.5  | 7.12  | 217.48 | 2.49  | -1.44 |
| 1998/12/03 07:00:00 | 111.49 | 6.58  | 182.17 | 2.68  | -1.49 |
| 1998/12/03 08:00:00 | 127.91 | 4.11  | 143.57 | 2.21  | -1.64 |
| 1998/12/03 09:00:00 | 116.21 | 6.07  | 145.1  | 3.38  | -1.44 |
| 1998/12/03 10:00:00 | 115.97 | 7.01  | 143.96 | 4.54  | -1.62 |
| 1998/12/03 11:00:00 | 145.54 | 5.02  | 129.09 | 3.45  | -1.26 |
| 1998/12/03 12:00:00 | 209.8  | 4.48  | 212.55 | 3.24  | -0.59 |
| 1998/12/03 13:00:00 | 226.56 | 5.1   | 178.09 | 3.62  | -0.61 |
| 1998/12/03 14:00:00 | 150.84 | 6.41  | 189.69 | 4.96  | -0.63 |
| 1998/12/03 15:00:00 | 222.13 | 5.28  | 233.76 | 3.61  | -0.45 |
| 1998/12/03 16:00:00 | 209.5  | 3.67  | 301.5  | 2.12  | -0.57 |
| 1998/12/03 17:00:00 | 119.53 | 5.69  | 205.06 | 1.97  | -0.44 |
| 1998/12/03 18:00:00 | 98.5   | 7.42  | 263.35 | 2.82  | -0.3  |
| 1998/12/03 19:00:00 | 95.86  | 7.61  | 289.93 | 2.94  | -0.13 |
| 1998/12/03 20:00:00 | 97.34  | 7.82  | 329.54 | 2.83  | 0.03  |
| 1998/12/03 21:00:00 | 95.83  | 9.83  | 345.24 | 3.84  | -0.42 |
| 1998/12/03 22:00:00 | 99     | 9.69  | 334.46 | 3.19  | -0.47 |
| 1998/12/03 23:00:00 | 101.34 | 6.74  | 348.71 | 2.37  | -0.24 |
| 1998/12/04 00:00:00 | 103.62 | 7.06  | 279.9  | 2.71  | -0.23 |
| 1998/12/04 01:00:00 | 102.9  | 8.47  | 278.95 | 3.13  | -0.51 |
| 1998/12/04 02:00:00 | 100.32 | 8.86  | 244.7  | 3.59  | -0.56 |
| 1998/12/04 03:00:00 | 102.58 | 9.15  | 243.18 | 3.68  | -0.59 |
| 1998/12/04 04:00:00 | 105.07 | 9.53  | 278.98 | 3.65  | -0.53 |
| 1998/12/04 05:00:00 | 110.07 | 9.13  | 163.18 | 3.47  | -0.59 |
| 1998/12/04 06:00:00 | 104.16 | 9.1   | 248.03 | 3.39  | -0.55 |
| 1998/12/04 07:00:00 | 107.2  | 8.68  | 245.66 | 3.18  | -0.53 |
| 1998/12/04 08:00:00 | 106    | 9.57  | 233.72 | 3.69  | -0.46 |
| 1998/12/04 09:00:00 | 107.98 | 8.95  | 166.15 | 4.31  | -0.88 |
| 1998/12/04 10:00:00 | 127.1  | 12.19 | 149.27 | 7.97  | -1    |
| 1998/12/04 11:00:00 | 132.67 | 12.95 | 149.54 | 9.16  | -1    |
| 1998/12/04 12:00:00 | 144.33 | 11.35 | 163.83 | 7.87  | -0.96 |
| 1998/12/04 13:00:00 | 158.28 | 14.26 | 171.16 | 10.18 | -1    |
| 1998/12/04 14:00:00 | 162.65 | 13.55 | 174.08 | 9.48  | -0.9  |
| 1998/12/04 15:00:00 | 156.65 | 10.73 | 167.26 | 7.37  | -0.82 |
| 1998/12/04 16:00:00 | 143.94 | 12.86 | 160.46 | 8.61  | -0.81 |
| 1998/12/04 17:00:00 | 130.23 | 11.05 | 147.77 | 6.26  | -0.61 |
| 1998/12/04 18:00:00 | 121.45 | 13.82 | 138.42 | 6.95  | -0.55 |
| 1998/12/04 19:00:00 | 118.99 | 13.56 | 146.51 | 7.45  | -0.72 |
| 1998/12/04 20:00:00 | 121.44 | 12.05 | 139.68 | 6.27  | -0.66 |
| 1998/12/04 21:00:00 | 122.82 | 10.33 | 141.77 | 5.19  | -0.5  |
| 1998/12/04 22:00:00 | 127.77 | 10.43 | 149.05 | 6.05  | -0.45 |
| 1998/12/04 23:00:00 | 146.58 | 13.25 | 156.95 | 7.99  | -0.53 |
| 1998/12/05 00:00:00 | 152.31 | 12.48 | 161.79 | 8.06  | -0.46 |
| 1998/12/05 01:00:00 | 145.01 | 14.06 | 153.4  | 8.44  | -0.43 |
| 1998/12/05 02:00:00 | 154.56 | 11.07 | 171.19 | 7.02  | -0.46 |
| 1998/12/05 03:00:00 | 156.07 | 8.95  | 166.53 | 5.08  | -0.53 |
| 1998/12/05 04:00:00 | 151.35 | 11.9  | 162.52 | 7.03  | -0.42 |
| 1998/12/05 05:00:00 | 151.68 | 11.51 | 163.25 | 6.99  | -0.37 |
| 1998/12/05 06:00:00 | 150.53 | 9.12  | 171.33 | 5.04  | -0.3  |

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|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/12/05 07:00:00 | 146.26 | 10.76 | 163.84 | 6.22  | -0.28 |
| 1998/12/05 08:00:00 | 147.7  | 10.81 | 161.78 | 6.72  | -0.4  |
| 1998/12/05 09:00:00 | 145.25 | 13.81 | 155.26 | 9.05  | -0.93 |
| 1998/12/05 10:00:00 | 154.85 | 10.24 | 164.39 | 7.24  | -0.96 |
| 1998/12/05 11:00:00 | 168.67 | 9.75  | 174.91 | 7.66  | -0.83 |
| 1998/12/05 12:00:00 | 176.01 | 9.96  | 187.38 | 7.72  | -0.77 |
| 1998/12/05 13:00:00 | 195.7  | 9.36  | 206.75 | 6.89  | -0.65 |
| 1998/12/05 14:00:00 | 228.28 | 8.17  | 227.02 | 5.47  | -0.5  |
| 1998/12/05 15:00:00 | 225.5  | 8.25  | 226.63 | 5.38  | -0.72 |
| 1998/12/05 16:00:00 | 209.29 | 7.02  | 213.39 | 4.7   | -0.74 |
| 1998/12/05 17:00:00 | 157.07 | 7.56  | 174.83 | 4.35  | -0.49 |
| 1998/12/05 18:00:00 | 139.72 | 6.63  | 165.12 | 3.01  | -0.32 |
| 1998/12/05 19:00:00 | 134.13 | 9.42  | 119.91 | 3.67  | 0.29  |
| 1998/12/05 20:00:00 | 128.85 | 11.39 | 115.96 | 4.38  | 0.85  |
| 1998/12/05 21:00:00 | 135.86 | 11    | 123.08 | 3.46  | 1.04  |
| 1998/12/05 22:00:00 | 139.5  | 11.22 | 144.89 | 4.58  | 0.48  |
| 1998/12/05 23:00:00 | 145.18 | 13.37 | 153.49 | 7.32  | -0.24 |
| 1998/12/06 00:00:00 | 145.4  | 12.63 | 155.64 | 7.63  | -0.3  |
| 1998/12/06 01:00:00 | 137.52 | 12.25 | 150.05 | 6.32  | -0.09 |
| 1998/12/06 02:00:00 | 139.08 | 11.63 | 140.23 | 5.82  | 0.17  |
| 1998/12/06 03:00:00 | 131.68 | 8.05  | 145.74 | 4.36  | -0.3  |
| 1998/12/06 04:00:00 | 136.83 | 7.78  | 155.8  | 4.77  | -0.63 |
| 1998/12/06 05:00:00 | 119.34 | 5.4   | 168.96 | 3.02  | -0.6  |
| 1998/12/06 06:00:00 | 128.16 | 6.71  | 160.72 | 3.72  | -0.76 |
| 1998/12/06 07:00:00 | 154.33 | 7.77  | 199.32 | 3.22  | -0.46 |
| 1998/12/06 08:00:00 | 110.26 | 9.33  | 182.12 | 3.89  | -0.45 |
| 1998/12/06 09:00:00 | 125.3  | 10.56 | 153.64 | 6.31  | -0.97 |
| 1998/12/06 10:00:00 | 135.76 | 13.79 | 152.93 | 9.21  | -1    |
| 1998/12/06 11:00:00 | 147.9  | 15.33 | 161.64 | 10.49 | -1    |
| 1998/12/06 12:00:00 | 150.05 | 17.92 | 163.94 | 12.59 | -1.03 |
| 1998/12/06 13:00:00 | 144.38 | 15.44 | 161.27 | 10.56 | -0.97 |
| 1998/12/06 14:00:00 | 144.79 | 15.19 | 160.02 | 10.19 | -0.91 |
| 1998/12/06 15:00:00 | 152.29 | 16.69 | 166.5  | 11.05 | -0.86 |
| 1998/12/06 16:00:00 | 179.61 | 13.14 | 190.4  | 8.68  | -0.62 |
| 1998/12/06 17:00:00 | 172.51 | 9.5   | 208.31 | 5.6   | -0.14 |
| 1998/12/06 18:00:00 | 154.96 | 12.56 | 168.04 | 7.65  | -0.58 |
| 1998/12/06 19:00:00 | 151.54 | 12.75 | 161.87 | 7.91  | -0.57 |
| 1998/12/06 20:00:00 | 148.35 | 12.7  | 161.23 | 8.3   | -0.65 |
| 1998/12/06 21:00:00 | 149.21 | 14.26 | 160.54 | 9.32  | -0.7  |
| 1998/12/06 22:00:00 | 143.25 | 11.29 | 157.53 | 7.24  | -0.68 |
| 1998/12/06 23:00:00 | 141.54 | 11.33 | 152.1  | 7.08  | -0.68 |
| 1998/12/07 00:00:00 | 141.89 | 11.39 | 153.94 | 7.07  | -0.47 |
| 1998/12/07 01:00:00 | 142.07 | 13.84 | 152.49 | 8.29  | -0.54 |
| 1998/12/07 02:00:00 | 144.28 | 16.56 | 155.6  | 10.01 | -0.56 |
| 1998/12/07 03:00:00 | 130.1  | 12.85 | 146.52 | 7.21  | -0.63 |
| 1998/12/07 04:00:00 | 128.75 | 10.9  | 149.46 | 6.3   | -0.69 |
| 1998/12/07 05:00:00 | 125.61 | 12.01 | 145.97 | 6.84  | -0.63 |
| 1998/12/07 06:00:00 | 131.96 | 12.88 | 151.01 | 7.7   | -0.68 |
| 1998/12/07 07:00:00 | 141.15 | 11.67 | 156.86 | 7.77  | -0.76 |
| 1998/12/07 08:00:00 | 152.54 | 12.84 | 164.81 | 7.71  | 0.08  |
| 1998/12/07 09:00:00 | 152.93 | 11.52 | 167.87 | 6.68  | 0.26  |
| 1998/12/07 10:00:00 | 163.61 | 8.64  | 168.86 | 5.71  | -0.51 |
| 1998/12/07 11:00:00 | 170.19 | 8.71  | 181.28 | 6.12  | -0.9  |
| 1998/12/07 12:00:00 | 180.5  | 9.64  | 187.79 | 7     | -0.94 |
| 1998/12/07 13:00:00 | 161.18 | 7.46  | 169.41 | 5.9   | -0.79 |
| 1998/12/07 14:00:00 | 143.56 | 9.3   | 154.16 | 6.77  | -0.78 |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/12/07 15:00:00 | 145.69 | 9.5   | 154.57 | 6.53 | -0.84 |
| 1998/12/07 16:00:00 | 156.27 | 7.84  | 163.89 | 4.86 | -0.87 |
| 1998/12/07 17:00:00 | 321.95 | 9.6   | 330.87 | 5.71 | -0.37 |
| 1998/12/07 18:00:00 | 351.47 | 6.78  | 355.09 | 4.01 | -0.47 |
| 1998/12/07 19:00:00 | 361.75 | 4.59  | 357.06 | 2.99 | -0.61 |
| 1998/12/07 20:00:00 | 390.11 | 2.99  | 383.61 | 1.57 | -1.18 |
| 1998/12/07 21:00:00 | 360.88 | 4.04  | 361.85 | 2.17 | -1.39 |
| 1998/12/07 22:00:00 | 325.08 | 5.37  | 331.48 | 3.22 | -1.66 |
| 1998/12/07 23:00:00 | 324.05 | 7.6   | 323.39 | 4.84 | -0.55 |
| 1998/12/08 00:00:00 | 314.82 | 5.47  | 315.69 | 3.39 | -1.22 |
| 1998/12/08 01:00:00 | 347.33 | 5.61  | 352.84 | 3.48 | -2.42 |
| 1998/12/08 02:00:00 | 337.95 | 5.56  | 340.52 | 3.76 | -2.94 |
| 1998/12/08 03:00:00 | 330.52 | 6.93  | 333.82 | 4.33 | -2.66 |
| 1998/12/08 04:00:00 | 318.44 | 10.26 | 329.37 | 6.02 | -1.4  |
| 1998/12/08 05:00:00 | 316.96 | 11.8  | 325.01 | 6.61 | -0.41 |
| 1998/12/08 06:00:00 | 319.5  | 9.56  | 332.8  | 5.73 | 0.3   |
| 1998/12/08 07:00:00 | 314.08 | 8.54  | 325.99 | 4.7  | 0.49  |
| 1998/12/08 08:00:00 | 318.21 | 9.47  | 330.74 | 5.27 | 0.4   |
| 1998/12/08 09:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/12/08 10:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/12/08 11:00:00 | 308.46 | 13.26 | 322.19 | 7.82 | -0.01 |
| 1998/12/08 12:00:00 | 318.26 | 11.93 | 335.64 | 7.44 | 0.17  |
| 1998/12/08 13:00:00 | 319.73 | 10.64 | 335.01 | 6.62 | -0.79 |
| 1998/12/08 14:00:00 | 312.72 | 10.36 | 328.72 | 6.24 | -0.32 |
| 1998/12/08 15:00:00 | 314.31 | 11.08 | 334.56 | 6.45 | -0.67 |
| 1998/12/08 16:00:00 | 315.41 | 11.09 | 332.23 | 6.84 | -0.77 |
| 1998/12/08 17:00:00 | 319.32 | 10.6  | 338.56 | 6.51 | -0.87 |
| 1998/12/08 18:00:00 | 308.87 | 10.49 | 349.22 | 6.62 | -0.92 |
| 1998/12/08 19:00:00 | 271.9  | 9.77  | 361.46 | 6.35 | -0.91 |
| 1998/12/08 20:00:00 | 291.04 | 9.02  | 361.96 | 5.87 | -0.94 |
| 1998/12/08 21:00:00 | 307.23 | 7.06  | 344.07 | 4.54 | -0.95 |
| 1998/12/08 22:00:00 | 291.62 | 7.2   | 355.7  | 3.89 | -0.98 |
| 1998/12/08 23:00:00 | 192.26 | 6     | 384.79 | 3.16 | -0.89 |
| 1998/12/09 00:00:00 | 103.41 | 6.91  | 388.25 | 4.24 | -0.82 |
| 1998/12/09 01:00:00 | 140.17 | 5.2   | 387.29 | 2.98 | -0.97 |
| 1998/12/09 02:00:00 | 95.58  | 6.94  | 392.53 | 4.3  | -0.97 |
| 1998/12/09 03:00:00 | 116.88 | 7.82  | 390.49 | 4.59 | -0.93 |
| 1998/12/09 04:00:00 | 340.15 | 8.27  | 377.9  | 4.95 | -0.91 |
| 1998/12/09 05:00:00 | 219.38 | 6.71  | 386.41 | 3.57 | -0.9  |
| 1998/12/09 06:00:00 | 257.81 | 6.51  | 382.44 | 3.26 | -0.93 |
| 1998/12/09 07:00:00 | 376.28 | 7.44  | 386.76 | 3.89 | -0.82 |
| 1998/12/09 08:00:00 | 393.57 | 6.63  | 396.71 | 3.35 | -0.84 |
| 1998/12/09 09:00:00 | 395.46 | 8.02  | 398.56 | 5.15 | -0.82 |
| 1998/12/09 10:00:00 | 391.28 | 8.43  | 396.38 | 5.84 | -0.71 |
| 1998/12/09 11:00:00 | 394.41 | 8.22  | 407.4  | 6.01 | -0.78 |
| 1998/12/09 12:00:00 | 375.68 | 7.11  | 358.53 | 5.26 | -0.47 |
| 1998/12/09 13:00:00 | 374.36 | 7.5   | 383.44 | 5.61 | -0.48 |
| 1998/12/09 14:00:00 | 370.23 | 7.26  | 385.55 | 5.42 | -0.77 |
| 1998/12/09 15:00:00 | 307.78 | 3.98  | 298.82 | 3.21 | -0.37 |
| 1998/12/09 16:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/12/09 17:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/12/09 18:00:00 | NaN    | NaN   | NaN    | NaN  | NaN   |
| 1998/12/09 19:00:00 | 351.44 | 7.61  | 358.25 | 3.92 | -0.75 |
| 1998/12/09 20:00:00 | 365.65 | 7.26  | 374.16 | 3.93 | -0.82 |
| 1998/12/09 21:00:00 | 369.85 | 7.7   | 377.55 | 4.29 | -0.8  |
| 1998/12/09 22:00:00 | 374.55 | 6.29  | 382.05 | 3.04 | -0.69 |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/12/09 23:00:00 | 386.45 | 7.08  | 381.3  | 3.24  | -0.43 |
| 1998/12/10 00:00:00 | 368.49 | 7.02  | 366    | 3.13  | -0.24 |
| 1998/12/10 01:00:00 | 353.49 | 6.08  | 356.18 | 2.06  | -0.07 |
| 1998/12/10 02:00:00 | 374.37 | 9.62  | 382.8  | 4.04  | -0.09 |
| 1998/12/10 03:00:00 | 379.47 | 9.33  | 380.27 | 4.8   | -0.57 |
| 1998/12/10 04:00:00 | 362.48 | 7.19  | 360.94 | 3.43  | -0.7  |
| 1998/12/10 05:00:00 | 369.19 | 8.55  | 376.64 | 4.16  | -0.67 |
| 1998/12/10 06:00:00 | 371.31 | 9.79  | 376.9  | 4.87  | -0.67 |
| 1998/12/10 07:00:00 | 376.88 | 10.53 | 384.94 | 6.18  | -0.77 |
| 1998/12/10 08:00:00 | 385.43 | 8.61  | 388.93 | 5.67  | -0.82 |
| 1998/12/10 09:00:00 | 375.94 | 8.6   | 381.53 | 5.25  | -0.88 |
| 1998/12/10 10:00:00 | 380.43 | 8.31  | 392.63 | 5.9   | -0.87 |
| 1998/12/10 11:00:00 | 376.51 | 7.69  | 386.08 | 5.31  | -0.92 |
| 1998/12/10 12:00:00 | 339.12 | 8.76  | 341.67 | 6     | -0.82 |
| 1998/12/10 13:00:00 | 314.93 | 11.59 | 329.12 | 6.91  | -0.96 |
| 1998/12/10 14:00:00 | 330.27 | 13.48 | 343.05 | 8.11  | -0.21 |
| 1998/12/10 15:00:00 | 335.28 | 15.8  | 343.92 | 10.15 | 0.52  |
| 1998/12/10 16:00:00 | 348.88 | 16.56 | 355.8  | 10.33 | 0.85  |
| 1998/12/10 17:00:00 | 362.41 | 15.08 | 370.55 | 9.33  | 1.15  |
| 1998/12/10 18:00:00 | 374.01 | 11.13 | NaN    | 6.92  | 1.41  |
| 1998/12/10 19:00:00 | 395.46 | 11.88 | NaN    | 7.45  | 1.48  |
| 1998/12/10 20:00:00 | 377.79 | 10.41 | NaN    | 6.02  | 1.79  |
| 1998/12/10 21:00:00 | 380.67 | 7.62  | NaN    | 4.24  | 1.8   |
| 1998/12/10 22:00:00 | 366.27 | 6.84  | NaN    | 4.16  | 1.77  |
| 1998/12/10 23:00:00 | 383.61 | 7.56  | NaN    | 4.2   | 1.8   |
| 1998/12/11 00:00:00 | 365.73 | 8.43  | NaN    | 4.78  | 2.04  |
| 1998/12/11 01:00:00 | 369.94 | 8.41  | NaN    | 5     | 1.99  |
| 1998/12/11 02:00:00 | 372.88 | 9.17  | NaN    | 5.22  | 1.98  |
| 1998/12/11 03:00:00 | 354.72 | 9.06  | NaN    | 5.37  | 2.05  |
| 1998/12/11 04:00:00 | 355.26 | 10.22 | NaN    | 6.08  | 2.1   |
| 1998/12/11 05:00:00 | 362.48 | 10.16 | NaN    | 5.74  | 2.37  |
| 1998/12/11 06:00:00 | 379.46 | 10.59 | NaN    | 6.04  | 2.36  |
| 1998/12/11 07:00:00 | 353.07 | 9.67  | NaN    | 5.62  | 2.46  |
| 1998/12/11 08:00:00 | 356.19 | 10.44 | NaN    | 6.15  | 2.49  |
| 1998/12/11 09:00:00 | 378.19 | 9.03  | NaN    | 5.09  | 2.57  |
| 1998/12/11 10:00:00 | 386.88 | 10.5  | NaN    | 6.49  | 2.61  |
| 1998/12/11 11:00:00 | 397.52 | 11.02 | NaN    | 7.02  | 2.59  |
| 1998/12/11 12:00:00 | 380.2  | 9.37  | NaN    | 5.99  | 2.56  |
| 1998/12/11 13:00:00 | 380.31 | 9.87  | NaN    | 6.03  | 2.55  |
| 1998/12/11 14:00:00 | 376.53 | 9.54  | NaN    | 5.55  | 2.62  |
| 1998/12/11 15:00:00 | 364.35 | 9.07  | NaN    | 5.35  | 2.47  |
| 1998/12/11 16:00:00 | 349.31 | 8.93  | NaN    | 5.22  | 2.63  |
| 1998/12/11 17:00:00 | 364.8  | 8.47  | NaN    | 5.07  | 2.74  |
| 1998/12/11 18:00:00 | 383.85 | 7.72  | NaN    | 4.58  | 2.92  |
| 1998/12/11 19:00:00 | 379.17 | 6.78  | NaN    | 4.09  | 3.01  |
| 1998/12/11 20:00:00 | 373.99 | 7.08  | NaN    | 3.72  | 2.98  |
| 1998/12/11 21:00:00 | 385.93 | 8.23  | NaN    | 5.08  | 2.95  |
| 1998/12/11 22:00:00 | 401.55 | 9.31  | NaN    | 5.6   | 2.69  |
| 1998/12/11 23:00:00 | 356.67 | 5.55  | NaN    | 3.29  | 2.5   |
| 1998/12/12 00:00:00 | 333    | 7.4   | NaN    | 4.33  | 2.12  |
| 1998/12/12 01:00:00 | 364.56 | 8.63  | NaN    | 5.05  | 2.31  |
| 1998/12/12 02:00:00 | 368.71 | 8.53  | NaN    | 4.96  | 2.43  |
| 1998/12/12 03:00:00 | 297.73 | 6.73  | NaN    | 3.55  | 2.11  |
| 1998/12/12 04:00:00 | 327.33 | 8.97  | NaN    | 5.13  | 2.08  |
| 1998/12/12 05:00:00 | 355.15 | 8.49  | NaN    | 4.8   | 2.11  |
| 1998/12/12 06:00:00 | 340.45 | 6.03  | NaN    | 3.41  | 2.37  |

## 007\_met1998.txt

|                     |        |       |     |      |       |
|---------------------|--------|-------|-----|------|-------|
| 1998/12/12 07:00:00 | 394.56 | 5.06  | NaN | 2.78 | 2.24  |
| 1998/12/12 08:00:00 | 325.98 | 2.98  | NaN | 1.76 | 1.51  |
| 1998/12/12 09:00:00 | 275.88 | 4.65  | NaN | 2.13 | 0.99  |
| 1998/12/12 10:00:00 | 252.48 | 6.15  | NaN | 2.37 | 1     |
| 1998/12/12 11:00:00 | 247.03 | 8.83  | NaN | 3.58 | 0.59  |
| 1998/12/12 12:00:00 | 243.27 | 6.16  | NaN | 3.03 | 0.3   |
| 1998/12/12 13:00:00 | 233.38 | 6.82  | NaN | 3.86 | -0.56 |
| 1998/12/12 14:00:00 | 237.07 | 9.53  | NaN | 4.33 | -0.25 |
| 1998/12/12 15:00:00 | 249.46 | 11.8  | NaN | 4.5  | 0.34  |
| 1998/12/12 16:00:00 | 253.28 | 11.53 | NaN | 4.38 | 0.41  |
| 1998/12/12 17:00:00 | 260.38 | 10.63 | NaN | 4.36 | -0.07 |
| 1998/12/12 18:00:00 | 257.02 | 10.51 | NaN | 4.19 | -0.47 |
| 1998/12/12 19:00:00 | 261.98 | 11.31 | NaN | 4.57 | -0.41 |
| 1998/12/12 20:00:00 | 264.22 | 9.13  | NaN | 3.54 | -0.4  |
| 1998/12/12 21:00:00 | 258.16 | 10.12 | NaN | 4.02 | -0.67 |
| 1998/12/12 22:00:00 | 255.68 | 9.2   | NaN | 3.36 | -0.6  |
| 1998/12/12 23:00:00 | 247.06 | 10.12 | NaN | 3.16 | -0.68 |
| 1998/12/13 00:00:00 | 244.74 | 10.16 | NaN | 4.08 | -0.7  |
| 1998/12/13 01:00:00 | 246.28 | 9.66  | NaN | 3.41 | -0.87 |
| 1998/12/13 02:00:00 | 248.13 | 10.32 | NaN | 3.98 | -0.95 |
| 1998/12/13 03:00:00 | 247.73 | 9.45  | NaN | 3.52 | -0.88 |
| 1998/12/13 04:00:00 | 264.65 | 10.7  | NaN | 4.63 | -0.85 |
| 1998/12/13 05:00:00 | 268.4  | 10.11 | NaN | 4.7  | -0.9  |
| 1998/12/13 06:00:00 | 273.56 | 9.84  | NaN | 4.59 | -0.9  |
| 1998/12/13 07:00:00 | 285.44 | 10.32 | NaN | 5.19 | -0.85 |
| 1998/12/13 08:00:00 | 287.03 | 8.29  | NaN | 4.44 | -0.84 |
| 1998/12/13 09:00:00 | 288.57 | 7.43  | NaN | 4.29 | -0.91 |
| 1998/12/13 10:00:00 | 287.13 | 8.41  | NaN | 4.71 | -0.94 |
| 1998/12/13 11:00:00 | 279.98 | 10.54 | NaN | 5.46 | -0.93 |
| 1998/12/13 12:00:00 | 291.69 | 10.19 | NaN | 5.55 | -0.96 |
| 1998/12/13 13:00:00 | 297.35 | 10.86 | NaN | 6.06 | -0.9  |
| 1998/12/13 14:00:00 | 295.15 | 7.67  | NaN | 4.49 | -0.89 |
| 1998/12/13 15:00:00 | 285.52 | 7.16  | NaN | 4.21 | -0.89 |
| 1998/12/13 16:00:00 | 279.19 | 7.58  | NaN | 3.78 | -0.89 |
| 1998/12/13 17:00:00 | 296.96 | 6.83  | NaN | 3.36 | -0.88 |
| 1998/12/13 18:00:00 | 287.42 | 4.7   | NaN | 1.8  | -0.77 |
| 1998/12/13 19:00:00 | 292.16 | 4.39  | NaN | 1.25 | -0.7  |
| 1998/12/13 20:00:00 | 321.97 | 4.25  | NaN | 1.49 | 0.05  |
| 1998/12/13 21:00:00 | 310.48 | 3.58  | NaN | 1.21 | 0.44  |
| 1998/12/13 22:00:00 | 256.51 | 3.4   | NaN | 1.07 | -0.78 |
| 1998/12/13 23:00:00 | 254.42 | 4.6   | NaN | 1.18 | -2.3  |
| 1998/12/14 00:00:00 | 263.54 | 4.69  | NaN | 1.48 | -2.21 |
| 1998/12/14 01:00:00 | 273.09 | 5.75  | NaN | 1.06 | -3.22 |
| 1998/12/14 02:00:00 | 273.49 | 5.72  | NaN | 0.83 | -3.36 |
| 1998/12/14 03:00:00 | 281.67 | 6.67  | NaN | 1.16 | -4.35 |
| 1998/12/14 04:00:00 | 302.21 | 5.76  | NaN | 1.25 | -5.09 |
| 1998/12/14 05:00:00 | 300.02 | 4.89  | NaN | 1.29 | -5.63 |
| 1998/12/14 06:00:00 | 311.36 | 6.13  | NaN | 1.43 | -5.85 |
| 1998/12/14 07:00:00 | 310.9  | 6.47  | NaN | 1.23 | -6.01 |
| 1998/12/14 08:00:00 | 321.5  | 6.69  | NaN | 1.68 | -7.37 |
| 1998/12/14 09:00:00 | 319.56 | 6.44  | NaN | 3.42 | -4.83 |
| 1998/12/14 10:00:00 | 332.71 | 7.68  | NaN | 5.08 | -0.59 |
| 1998/12/14 11:00:00 | 312.25 | 7.08  | NaN | 5.32 | -0.53 |
| 1998/12/14 12:00:00 | 305.04 | 8.16  | NaN | 6.08 | -0.55 |
| 1998/12/14 13:00:00 | 322.43 | 10.7  | NaN | 7.35 | -0.76 |
| 1998/12/14 14:00:00 | 328.46 | 10.64 | NaN | 7.11 | -0.84 |

## 007\_met1998.txt

|                     |        |      |        |      |       |
|---------------------|--------|------|--------|------|-------|
| 1998/12/14 15:00:00 | 328.46 | 9.71 | NaN    | 6.6  | -0.81 |
| 1998/12/14 16:00:00 | 332.14 | 9.85 | NaN    | 6.5  | -0.9  |
| 1998/12/14 17:00:00 | 332.58 | 8.33 | NaN    | 4.98 | -0.71 |
| 1998/12/14 18:00:00 | 313.34 | 7.51 | 340.36 | 3.09 | -0.48 |
| 1998/12/14 19:00:00 | 320.59 | 7.47 | 332.24 | 2.99 | -0.33 |
| 1998/12/14 20:00:00 | 312.65 | 5.51 | 345.76 | 1.4  | 0.4   |
| 1998/12/14 21:00:00 | 325.34 | 6.25 | 398.81 | 1.88 | 2.07  |
| 1998/12/14 22:00:00 | 343.72 | 6.47 | 407.28 | 1.87 | 2.04  |
| 1998/12/14 23:00:00 | 339.88 | 7.78 | 358.97 | 2.96 | 0.33  |
| 1998/12/15 00:00:00 | 332.79 | 8.35 | 341.92 | 3.75 | 0.36  |
| 1998/12/15 01:00:00 | 339.67 | 9.13 | 348.5  | 4.13 | 0.08  |
| 1998/12/15 02:00:00 | 349.07 | 7.64 | 366.19 | 3.08 | -0.47 |
| 1998/12/15 03:00:00 | 344.73 | 6.53 | 367.8  | 2.13 | -0.46 |
| 1998/12/15 04:00:00 | 350.23 | 6.6  | 365.2  | 2.15 | -1.09 |
| 1998/12/15 05:00:00 | 348.12 | 5.28 | 325.56 | 1.44 | -1.57 |
| 1998/12/15 06:00:00 | 352.23 | 5.38 | 85.85  | 1.14 | -1.54 |
| 1998/12/15 07:00:00 | 352.44 | 5.75 | 321.76 | 1.25 | -2.55 |
| 1998/12/15 08:00:00 | 340.54 | 4.18 | 179    | 1.28 | -2.7  |
| 1998/12/15 09:00:00 | 321.96 | 2.36 | 315.67 | 1.9  | -1.12 |
| 1998/12/15 10:00:00 | 308.1  | 3.53 | 296.74 | 3.81 | -0.22 |
| 1998/12/15 11:00:00 | 307.5  | 4.01 | 295.28 | 3.96 | -0.22 |
| 1998/12/15 12:00:00 | 302.98 | 5.8  | 306.12 | 4.63 | -0.32 |
| 1998/12/15 13:00:00 | 306.8  | 7.92 | 324.02 | 5.76 | -0.47 |
| 1998/12/15 14:00:00 | 302.04 | 7.33 | 318.82 | 5.72 | -0.45 |
| 1998/12/15 15:00:00 | 298.26 | 7.87 | 312.37 | 5.67 | -0.65 |
| 1998/12/15 16:00:00 | 300.63 | 8.18 | 313.96 | 5.22 | -0.95 |
| 1998/12/15 17:00:00 | 301.88 | 7.11 | 322.33 | 3.81 | -0.88 |
| 1998/12/15 18:00:00 | 296.13 | 6.2  | 356.68 | 1.87 | -0.64 |
| 1998/12/15 19:00:00 | 311.14 | 5.79 | 376.86 | 1.9  | 0.11  |
| 1998/12/15 20:00:00 | 318.95 | 4.96 | 399.22 | 1.85 | 2.63  |
| 1998/12/15 21:00:00 | 322.56 | 4.74 | 414.5  | 2.14 | 3.7   |
| 1998/12/15 22:00:00 | 361.7  | 5.8  | 411.98 | 2.83 | 7.03  |
| 1998/12/15 23:00:00 | 415.02 | 5.95 | 424.69 | 2.05 | 8.69  |
| 1998/12/16 00:00:00 | 76.12  | 6.06 | 96.88  | 3.2  | 8.58  |
| 1998/12/16 01:00:00 | 98.24  | 2.95 | 72.97  | 2.39 | 7.37  |
| 1998/12/16 02:00:00 | 154.57 | 4.14 | 212.07 | 2.43 | 5.15  |
| 1998/12/16 03:00:00 | 216.69 | 5.45 | 83.72  | 1.56 | 2.57  |
| 1998/12/16 04:00:00 | 196.02 | 5.93 | 87.72  | 1.27 | -0.62 |
| 1998/12/16 05:00:00 | 224.87 | 5.35 | 392.79 | 1.12 | -2.99 |
| 1998/12/16 06:00:00 | 212.59 | 5.43 | 421.55 | 1.16 | -2.04 |
| 1998/12/16 07:00:00 | 218.34 | 5.99 | 410.98 | 1.18 | -2.85 |
| 1998/12/16 08:00:00 | 207.12 | 5.63 | 236.56 | 1.58 | -3.51 |
| 1998/12/16 09:00:00 | 218.13 | 4.96 | 190.97 | 2.72 | -0.67 |
| 1998/12/16 10:00:00 | 227.34 | 3.36 | 219.7  | 3.03 | 0.11  |
| 1998/12/16 11:00:00 | 246.46 | 4.85 | 248.92 | 4.16 | 0.06  |
| 1998/12/16 12:00:00 | 250.02 | 6.24 | 254.11 | 4.63 | 0     |
| 1998/12/16 13:00:00 | 235.14 | 6.47 | 240.02 | 5.03 | -0.07 |
| 1998/12/16 14:00:00 | 218.32 | 6.25 | 218.5  | 5.21 | -0.31 |
| 1998/12/16 15:00:00 | 211.98 | 6.57 | 215.73 | 5.27 | -0.76 |
| 1998/12/16 16:00:00 | 218.46 | 7.79 | 220.52 | 5.63 | -0.98 |
| 1998/12/16 17:00:00 | 221    | 7.59 | 216.64 | 3.6  | -0.5  |
| 1998/12/16 18:00:00 | 199.42 | 6.74 | 249.91 | 1.68 | 1.49  |
| 1998/12/16 19:00:00 | 206.44 | 7.41 | 331.1  | 1.77 | 2.8   |
| 1998/12/16 20:00:00 | 210.48 | 7.19 | 271.25 | 1.44 | 2.03  |
| 1998/12/16 21:00:00 | 206.05 | 7.94 | 250.61 | 1.42 | 1.36  |
| 1998/12/16 22:00:00 | 209.66 | 9.25 | 189.95 | 1.18 | 2.06  |

## 007\_met1998.txt

|                     |        |       |        |      |       |
|---------------------|--------|-------|--------|------|-------|
| 1998/12/16 23:00:00 | 211.93 | 9.65  | 257.75 | 1.31 | 1.95  |
| 1998/12/17 00:00:00 | 220.35 | 9.64  | 240.7  | 2.29 | 1.56  |
| 1998/12/17 01:00:00 | 245.46 | 10    | 269.4  | 2.78 | 0.39  |
| 1998/12/17 02:00:00 | 272.37 | 7.06  | 289.98 | 2.02 | -0.31 |
| 1998/12/17 03:00:00 | 295.34 | 7.09  | 319.24 | 1.61 | -0.37 |
| 1998/12/17 04:00:00 | 303.33 | 7.96  | 337.78 | 2.56 | -0.25 |
| 1998/12/17 05:00:00 | 297.6  | 7.43  | 333.13 | 2.4  | -0.45 |
| 1998/12/17 06:00:00 | 293.81 | 8.13  | 320.77 | 2.55 | -0.51 |
| 1998/12/17 07:00:00 | 295.64 | 7.61  | 302.08 | 2.07 | -0.54 |
| 1998/12/17 08:00:00 | 302.42 | 7.71  | 317.17 | 2.23 | 0.48  |
| 1998/12/17 09:00:00 | 309.33 | 7.47  | 319.92 | 4    | -0.4  |
| 1998/12/17 10:00:00 | 315.65 | 9.35  | 326.31 | 6.1  | -0.76 |
| 1998/12/17 11:00:00 | 314.61 | 12.22 | 323.26 | 8.3  | -0.95 |
| 1998/12/17 12:00:00 | 313.84 | 13.07 | 325.07 | 8.51 | -1    |
| 1998/12/17 13:00:00 | 314.55 | 10.9  | 326.58 | 7.85 | -0.78 |
| 1998/12/17 14:00:00 | 298.08 | 10.7  | 309.09 | 7.22 | -0.83 |
| 1998/12/17 15:00:00 | 310.09 | 10.85 | 320.25 | 6.87 | -0.97 |
| 1998/12/17 16:00:00 | 317.28 | 9.8   | 329.71 | 6.3  | -1    |
| 1998/12/17 17:00:00 | 337.08 | 6.15  | 354.23 | 3.92 | -0.82 |
| 1998/12/17 18:00:00 | 360.78 | 4.83  | 405.88 | 2.61 | 1.76  |
| 1998/12/17 19:00:00 | 360.24 | 3.6   | 412.87 | 2.73 | 4.33  |
| 1998/12/17 20:00:00 | 412.88 | 3.62  | 413.91 | 3.09 | 7.51  |
| 1998/12/17 21:00:00 | 454.3  | 4.75  | 425.84 | 2.94 | 8.61  |
| 1998/12/17 22:00:00 | 456.42 | 7.9   | 451.41 | 3.4  | 5.13  |
| 1998/12/17 23:00:00 | 476.57 | 10.13 | 454.7  | 3.28 | 5.04  |
| 1998/12/18 00:00:00 | 126.69 | 10.22 | 118.26 | 4.39 | 5.9   |
| 1998/12/18 01:00:00 | 117.75 | 11.25 | 90.9   | 4.15 | 4.98  |
| 1998/12/18 02:00:00 | 120.2  | 11.08 | 95.52  | 3.86 | 3.95  |
| 1998/12/18 03:00:00 | 117.66 | 11.52 | 75.65  | 5.84 | 4.1   |
| 1998/12/18 04:00:00 | 110.7  | 12    | 78.65  | 5.86 | 3.74  |
| 1998/12/18 05:00:00 | 102.18 | 11.75 | 91.91  | 4.92 | 1.93  |
| 1998/12/18 06:00:00 | 98.67  | 11.2  | 251.89 | 4.39 | 0.47  |
| 1998/12/18 07:00:00 | 92.8   | 10.55 | 334.05 | 3.99 | 0.15  |
| 1998/12/18 08:00:00 | 98.78  | 10.86 | 281.8  | 4.04 | -0.12 |
| 1998/12/18 09:00:00 | 100.91 | 10.76 | 269.01 | 4.43 | -0.72 |
| 1998/12/18 10:00:00 | 147.48 | 9.76  | 196.12 | 4.53 | -1    |
| 1998/12/18 11:00:00 | 236.03 | 7.83  | 228.29 | 4.27 | -1.05 |
| 1998/12/18 12:00:00 | 129.25 | 11.31 | 149.08 | 7.75 | -1.03 |
| 1998/12/18 13:00:00 | 124.89 | 12.47 | 150.2  | 7.67 | -0.96 |
| 1998/12/18 14:00:00 | 127.47 | 12.53 | 146.05 | 8.54 | -1.04 |
| 1998/12/18 15:00:00 | 124.39 | 11.47 | 145.7  | 7.19 | -0.98 |
| 1998/12/18 16:00:00 | 119.26 | 9     | 147.87 | 5.35 | -0.85 |
| 1998/12/18 17:00:00 | 118.29 | 7.49  | 219.99 | 3.42 | -0.55 |
| 1998/12/18 18:00:00 | 90.97  | 8.55  | 429.55 | 4.17 | -0.32 |
| 1998/12/18 19:00:00 | 87.16  | 9.17  | 367.32 | 4.11 | -0.55 |
| 1998/12/18 20:00:00 | 87.02  | 10.92 | 404.63 | 5.09 | -0.52 |
| 1998/12/18 21:00:00 | 86.11  | 11.95 | 264.7  | 5.4  | -0.49 |
| 1998/12/18 22:00:00 | 167.46 | 13.89 | 293.16 | 6.37 | -0.73 |
| 1998/12/18 23:00:00 | 105.54 | 12.64 | 237.78 | 5.52 | -0.7  |
| 1998/12/19 00:00:00 | 147.04 | 13.75 | 178.26 | 6.6  | -0.6  |
| 1998/12/19 01:00:00 | 114.06 | 15.55 | 145.55 | 7.31 | -0.67 |
| 1998/12/19 02:00:00 | 142.87 | 19.51 | 160.21 | 9.71 | -0.52 |
| 1998/12/19 03:00:00 | 222.14 | 12.13 | 222.83 | 5.73 | -0.07 |
| 1998/12/19 04:00:00 | 183.65 | 6.45  | 153.52 | 2.67 | 0.01  |
| 1998/12/19 05:00:00 | 160.92 | 8.12  | 148.14 | 3.3  | -0.74 |
| 1998/12/19 06:00:00 | 150.56 | 7.2   | 124.27 | 3.2  | -0.3  |

## 007\_met1998.txt

|                     |        |       |        |       |       |
|---------------------|--------|-------|--------|-------|-------|
| 1998/12/19 07:00:00 | 157.93 | 7.19  | 164    | 2.24  | 0.33  |
| 1998/12/19 08:00:00 | 176.49 | 5.72  | 213.38 | 1.71  | 0.42  |
| 1998/12/19 09:00:00 | 184.8  | 5.14  | 212.42 | 1.96  | 0.33  |
| 1998/12/19 10:00:00 | 213.38 | 3.64  | 230.26 | 2.45  | -0.8  |
| 1998/12/19 11:00:00 | 267.24 | 3.92  | 281.92 | 3.04  | -0.71 |
| 1998/12/19 12:00:00 | 269.21 | 4.88  | 288.44 | 3.85  | 0.32  |
| 1998/12/19 13:00:00 | 267.54 | 4.12  | 279.23 | 3.72  | 0.87  |
| 1998/12/19 14:00:00 | 278.34 | 5.14  | 287.92 | 4.26  | 0.33  |
| 1998/12/19 15:00:00 | 314.75 | 5.01  | 330.82 | 5.97  | -0.45 |
| 1998/12/19 16:00:00 | 320.97 | 6.37  | 331.43 | 5.22  | -0.79 |
| 1998/12/19 17:00:00 | 333.73 | 1.84  | 357.97 | 2.84  | -0.67 |
| 1998/12/19 18:00:00 | 372.93 | 4.75  | 401.39 | 2.21  | 1.21  |
| 1998/12/19 19:00:00 | 372.41 | 5.04  | 411.34 | 2.04  | 1.32  |
| 1998/12/19 20:00:00 | 372.18 | NaN   | 414.31 | 2.1   | 2.12  |
| 1998/12/19 21:00:00 | 383.16 | NaN   | 406.48 | 1.79  | 1.94  |
| 1998/12/19 22:00:00 | 398.88 | NaN   | 410.42 | 3.3   | -0.42 |
| 1998/12/19 23:00:00 | 410.34 | NaN   | 371.63 | 2.79  | -0.91 |
| 1998/12/20 00:00:00 | 405.24 | NaN   | 378.74 | 2.04  | -0.4  |
| 1998/12/20 01:00:00 | 443.25 | NaN   | 376.75 | 3.01  | -0.87 |
| 1998/12/20 02:00:00 | 450.83 | NaN   | 387.55 | 2.53  | -1    |
| 1998/12/20 03:00:00 | 442.94 | 2.81  | 335.94 | 2.21  | -1.69 |
| 1998/12/20 04:00:00 | 170.11 | 5.14  | 361.2  | 2.31  | -2.37 |
| 1998/12/20 05:00:00 | 351.25 | 4.22  | 310.83 | 1.83  | -2.86 |
| 1998/12/20 06:00:00 | 409.99 | 4.9   | 165.47 | 2.32  | -2.9  |
| 1998/12/20 07:00:00 | 296.23 | 4.61  | 194.2  | 2.34  | -3.11 |
| 1998/12/20 08:00:00 | 103.79 | 3.38  | 148.3  | 1.84  | -3.77 |
| 1998/12/20 09:00:00 | 107.53 | 6.53  | 340.89 | 2.89  | -3.43 |
| 1998/12/20 10:00:00 | 170.28 | 4.99  | 142.02 | 3.22  | -2.6  |
| 1998/12/20 11:00:00 | 137.64 | 4.59  | 209.62 | 2.66  | -3.01 |
| 1998/12/20 12:00:00 | 130.57 | 5.17  | 133.16 | 3.57  | -2.16 |
| 1998/12/20 13:00:00 | 161.35 | 4.2   | 151.3  | 3.78  | 0.15  |
| 1998/12/20 14:00:00 | 244.83 | 4.6   | 145.42 | 3.78  | -2.42 |
| 1998/12/20 15:00:00 | 360.48 | 5.68  | 171.58 | 4.25  | -0.87 |
| 1998/12/20 16:00:00 | 119.47 | 7.16  | 168.94 | 4.22  | -0.83 |
| 1998/12/20 17:00:00 | 113.94 | 3.95  | 281.25 | 1.62  | 0.16  |
| 1998/12/20 18:00:00 | 166.6  | 4.02  | 227.59 | 1.61  | 1.06  |
| 1998/12/20 19:00:00 | 127.85 | 7.1   | 152.52 | 2.84  | 0.56  |
| 1998/12/20 20:00:00 | 119.62 | 6.87  | 158.04 | 2.47  | 0.71  |
| 1998/12/20 21:00:00 | 105.89 | 7.3   | 247.06 | 2.18  | 0.54  |
| 1998/12/20 22:00:00 | 103.6  | 8.62  | 210.61 | 3.36  | -0.28 |
| 1998/12/20 23:00:00 | 103.59 | 8.7   | 346.76 | 2.87  | -0.36 |
| 1998/12/21 00:00:00 | 101.37 | 7.95  | 343.16 | 3.62  | -0.27 |
| 1998/12/21 01:00:00 | 216.14 | 5.55  | 285.63 | 2.31  | -0.76 |
| 1998/12/21 02:00:00 | 164.92 | 7.25  | 157.33 | 4.25  | -1.11 |
| 1998/12/21 03:00:00 | 135.72 | 8.34  | 159.69 | 5.59  | -1.3  |
| 1998/12/21 04:00:00 | 129.16 | 6.09  | 158.15 | 3.2   | -1.14 |
| 1998/12/21 05:00:00 | 124.29 | 7.2   | 161.66 | 4.45  | -1.09 |
| 1998/12/21 06:00:00 | 121.1  | 7.41  | 156.34 | 4.52  | -1.08 |
| 1998/12/21 07:00:00 | 122.11 | 8.98  | 152.02 | 5.31  | -0.97 |
| 1998/12/21 08:00:00 | 129.89 | 10.56 | 153.28 | 6.33  | -0.91 |
| 1998/12/21 09:00:00 | 151.41 | 10.79 | 168.29 | 7.38  | -1.08 |
| 1998/12/21 10:00:00 | 159.59 | 14.25 | 174.59 | 9.97  | -1.08 |
| 1998/12/21 11:00:00 | 161.04 | 13.62 | 172.33 | 9.82  | -1.03 |
| 1998/12/21 12:00:00 | 156.41 | 14.49 | 169.81 | 10.34 | -1.08 |
| 1998/12/21 13:00:00 | 158.91 | 12.89 | 173.78 | 8.99  | -1.03 |
| 1998/12/21 14:00:00 | NaN    | NaN   | NaN    | NaN   | NaN   |



## 007\_met1998.txt

|                     |        |       |        |       |
|---------------------|--------|-------|--------|-------|
| 1998/12/21 15:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/21 16:00:00 | 170.91 | 9.38  | 181.77 | 6.62  |
| 1998/12/21 17:00:00 | 177.19 | 8.01  | 188.56 | 5.28  |
| 1998/12/21 18:00:00 | 143.81 | 9.69  | 153.73 | 5.86  |
| 1998/12/21 19:00:00 | 140.78 | 9.65  | 151.86 | 5.62  |
| 1998/12/21 20:00:00 | 147.49 | 11.17 | 156.6  | 7.18  |
| 1998/12/21 21:00:00 | 160.21 | 9.81  | 172.65 | 6.48  |
| 1998/12/21 22:00:00 | 170.6  | 11    | 181.84 | 8.03  |
| 1998/12/21 23:00:00 | 180.14 | 11.54 | 189.3  | 8     |
| 1998/12/22 00:00:00 | 251.74 | 18.16 | 265.6  | 11.66 |
| 1998/12/22 01:00:00 | 328.41 | 19.76 | 335.84 | 11.89 |
| 1998/12/22 02:00:00 | 321.65 | 14.2  | 336.59 | 8.73  |
| 1998/12/22 03:00:00 | 328.56 | 13.9  | 342.18 | 8.59  |
| 1998/12/22 04:00:00 | 340.39 | 15.12 | 348.75 | 9.82  |
| 1998/12/22 05:00:00 | 339.4  | 15.12 | 348.95 | 9.78  |
| 1998/12/22 06:00:00 | 341.55 | 14    | 352.56 | 9.09  |
| 1998/12/22 07:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/22 08:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/22 09:00:00 | 338.19 | 0.64  | 346.08 | 7.53  |
| 1998/12/22 10:00:00 | 342.34 | 0.64  | 349.89 | 9.21  |
| 1998/12/22 11:00:00 | 347.07 | 5.41  | 357.25 | 9.82  |
| 1998/12/22 12:00:00 | 350.97 | 12.76 | 359.08 | 9.22  |
| 1998/12/22 13:00:00 | 350.52 | 12.59 | 359.74 | 9     |
| 1998/12/22 14:00:00 | 343.73 | 10.95 | 349.67 | 7.95  |
| 1998/12/22 15:00:00 | 355.21 | 11.13 | 364.51 | 8.14  |
| 1998/12/22 16:00:00 | 357.15 | 10.17 | 369.95 | 7.44  |
| 1998/12/22 17:00:00 | 341.98 | 10.02 | 355.07 | 7.02  |
| 1998/12/22 18:00:00 | 354.4  | 10.16 | 365.12 | 6.71  |
| 1998/12/22 19:00:00 | 355.32 | 10.29 | 368.3  | 7.31  |
| 1998/12/22 20:00:00 | 352.42 | 8.65  | 360.61 | 5.75  |
| 1998/12/22 21:00:00 | 361.53 | 7.65  | 363    | 5.4   |
| 1998/12/22 22:00:00 | 350.36 | 4.27  | 359.91 | 5.25  |
| 1998/12/22 23:00:00 | 341.47 | NaN   | 361.9  | 1.04  |
| 1998/12/23 00:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 01:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 02:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 03:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 04:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 05:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 06:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 07:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 08:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 09:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 10:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 11:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 12:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 13:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 14:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 15:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 16:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 17:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 18:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 19:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 20:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 21:00:00 | NaN    | NaN   | NaN    | NaN   |
| 1998/12/23 22:00:00 | NaN    | NaN   | NaN    | NaN   |

## 007\_met1998.txt

|                     |     |     |     |       |
|---------------------|-----|-----|-----|-------|
| 1998/12/23 23:00:00 | NaN | NaN | NaN | 0.74  |
| 1998/12/24 00:00:00 | NaN | NaN | NaN | 0.47  |
| 1998/12/24 01:00:00 | NaN | NaN | NaN | 0.25  |
| 1998/12/24 02:00:00 | NaN | NaN | NaN | 0.21  |
| 1998/12/24 03:00:00 | NaN | NaN | NaN | 0.4   |
| 1998/12/24 04:00:00 | NaN | NaN | NaN | 0.19  |
| 1998/12/24 05:00:00 | NaN | NaN | NaN | -0.21 |
| 1998/12/24 06:00:00 | NaN | NaN | NaN | -0.23 |
| 1998/12/24 07:00:00 | NaN | NaN | NaN | -0.56 |
| 1998/12/24 08:00:00 | NaN | NaN | NaN | -0.91 |
| 1998/12/24 09:00:00 | NaN | NaN | NaN | -1    |
| 1998/12/24 10:00:00 | NaN | NaN | NaN | -1.02 |
| 1998/12/24 11:00:00 | NaN | NaN | NaN | -1.02 |
| 1998/12/24 12:00:00 | NaN | NaN | NaN | -1.05 |
| 1998/12/24 13:00:00 | NaN | NaN | NaN | -1.18 |
| 1998/12/24 14:00:00 | NaN | NaN | NaN | -1.09 |
| 1998/12/24 15:00:00 | NaN | NaN | NaN | -1.21 |
| 1998/12/24 16:00:00 | NaN | NaN | NaN | -1.13 |
| 1998/12/24 17:00:00 | NaN | NaN | NaN | -1.16 |
| 1998/12/24 18:00:00 | NaN | NaN | NaN | -1.05 |
| 1998/12/24 19:00:00 | NaN | NaN | NaN | -1.18 |
| 1998/12/24 20:00:00 | NaN | NaN | NaN | -1.19 |
| 1998/12/24 21:00:00 | NaN | NaN | NaN | -1.08 |
| 1998/12/24 22:00:00 | NaN | NaN | NaN | -1.19 |
| 1998/12/24 23:00:00 | NaN | NaN | NaN | -1.34 |
| 1998/12/25 00:00:00 | NaN | NaN | NaN | -1.24 |
| 1998/12/25 01:00:00 | NaN | NaN | NaN | -1.31 |
| 1998/12/25 02:00:00 | NaN | NaN | NaN | -1.45 |
| 1998/12/25 03:00:00 | NaN | NaN | NaN | -1.47 |
| 1998/12/25 04:00:00 | NaN | NaN | NaN | -1.43 |
| 1998/12/25 05:00:00 | NaN | NaN | NaN | -1.62 |
| 1998/12/25 06:00:00 | NaN | NaN | NaN | -1.83 |
| 1998/12/25 07:00:00 | NaN | NaN | NaN | -1.65 |
| 1998/12/25 08:00:00 | NaN | NaN | NaN | -1.55 |
| 1998/12/25 09:00:00 | NaN | NaN | NaN | -1.29 |
| 1998/12/25 10:00:00 | NaN | NaN | NaN | -1.3  |
| 1998/12/25 11:00:00 | NaN | NaN | NaN | -1.29 |
| 1998/12/25 12:00:00 | NaN | NaN | NaN | -1.15 |
| 1998/12/25 13:00:00 | NaN | NaN | NaN | -1.27 |
| 1998/12/25 14:00:00 | NaN | NaN | NaN | -1.5  |
| 1998/12/25 15:00:00 | NaN | NaN | NaN | -1.87 |
| 1998/12/25 16:00:00 | NaN | NaN | NaN | -2.1  |
| 1998/12/25 17:00:00 | NaN | NaN | NaN | -2.22 |
| 1998/12/25 18:00:00 | NaN | NaN | NaN | -2.26 |
| 1998/12/25 19:00:00 | NaN | NaN | NaN | -1.72 |
| 1998/12/25 20:00:00 | NaN | NaN | NaN | -1.61 |
| 1998/12/25 21:00:00 | NaN | NaN | NaN | -2.04 |
| 1998/12/25 22:00:00 | NaN | NaN | NaN | -2.32 |
| 1998/12/25 23:00:00 | NaN | NaN | NaN | -2.88 |
| 1998/12/26 00:00:00 | NaN | NaN | NaN | -2.84 |
| 1998/12/26 01:00:00 | NaN | NaN | NaN | -3.12 |
| 1998/12/26 02:00:00 | NaN | NaN | NaN | -2.76 |
| 1998/12/26 03:00:00 | NaN | NaN | NaN | -2.63 |
| 1998/12/26 04:00:00 | NaN | NaN | NaN | -2.47 |
| 1998/12/26 05:00:00 | NaN | NaN | NaN | -2.32 |
| 1998/12/26 06:00:00 | NaN | NaN | NaN | -2.28 |

## 007\_met1998.txt

|                     |        |       |        |       |
|---------------------|--------|-------|--------|-------|
| 1998/12/26 07:00:00 | NaN    | NaN   | NaN    | -2.27 |
| 1998/12/26 08:00:00 | NaN    | NaN   | NaN    | -2    |
| 1998/12/26 09:00:00 | NaN    | NaN   | NaN    | -1.69 |
| 1998/12/26 10:00:00 | 335.02 | NaN   | 363.27 | -1.37 |
| 1998/12/26 11:00:00 | 335.18 | NaN   | 385.33 | -1.42 |
| 1998/12/26 12:00:00 | 435.51 | NaN   | 398.58 | -1.23 |
| 1998/12/26 13:00:00 | 416.93 | 2.33  | 395.85 | -0.84 |
| 1998/12/26 14:00:00 | 381.97 | 5.91  | 383.8  | -0.77 |
| 1998/12/26 15:00:00 | 342.8  | 4.72  | 361.03 | -0.69 |
| 1998/12/26 16:00:00 | 337.71 | 3.55  | 342.03 | -0.95 |
| 1998/12/26 17:00:00 | 344.21 | 3.92  | 362.91 | -0.77 |
| 1998/12/26 18:00:00 | 340.69 | 6.18  | 370.04 | -0.21 |
| 1998/12/26 19:00:00 | 358.26 | 5.72  | 399.23 | 0.12  |
| 1998/12/26 20:00:00 | 414.21 | 7.12  | 402.41 | 1     |
| 1998/12/26 21:00:00 | 434.67 | 6.48  | 428.98 | -0.71 |
| 1998/12/26 22:00:00 | 443.74 | 8.94  | 421.21 | -1.6  |
| 1998/12/26 23:00:00 | 456.42 | 9.58  | 276.43 | -2.71 |
| 1998/12/27 00:00:00 | 115.66 | 8.48  | 200.77 | -2.41 |
| 1998/12/27 01:00:00 | 119.9  | 9.96  | 145.73 | -2.32 |
| 1998/12/27 02:00:00 | 147.53 | 7.77  | 163.29 | -2.3  |
| 1998/12/27 03:00:00 | 164.47 | 4.39  | 169.31 | -2    |
| 1998/12/27 04:00:00 | 145.3  | 6.33  | 176.93 | -2.39 |
| 1998/12/27 05:00:00 | 180.89 | 7.13  | 198.56 | -2.38 |
| 1998/12/27 06:00:00 | 173.76 | 8.26  | 187.23 | -1.72 |
| 1998/12/27 07:00:00 | 179.61 | 6.01  | 191.89 | -1.41 |
| 1998/12/27 08:00:00 | 169.27 | 5.03  | 176.45 | -1.45 |
| 1998/12/27 09:00:00 | 267.42 | 4.73  | 260.74 | -1.45 |
| 1998/12/27 10:00:00 | 457.01 | 5.72  | 360.85 | -1.29 |
| 1998/12/27 11:00:00 | 473.52 | 7.37  | 298.54 | -1.22 |
| 1998/12/27 12:00:00 | 245.61 | 6.68  | 302.98 | -1.18 |
| 1998/12/27 13:00:00 | 414.15 | 9.74  | 160.24 | -1.13 |
| 1998/12/27 14:00:00 | 465.93 | 10.47 | 161.82 | -1.1  |
| 1998/12/27 15:00:00 | 291.75 | 8.46  | 112.66 | -1.09 |
| 1998/12/27 16:00:00 | 114.83 | 7.39  | 192.02 | -0.95 |
| 1998/12/27 17:00:00 | 114.85 | 7.72  | 198.61 | -0.81 |
| 1998/12/27 18:00:00 | 107.72 | 11.14 | 286.31 | -0.72 |
| 1998/12/27 19:00:00 | 101.87 | 12.67 | 256.44 | -0.76 |
| 1998/12/27 20:00:00 | 103.98 | 13.4  | 290.4  | -0.77 |
| 1998/12/27 21:00:00 | 104.46 | 13.29 | 187.36 | -0.71 |
| 1998/12/27 22:00:00 | 108.46 | 13.27 | 191.22 | -0.73 |
| 1998/12/27 23:00:00 | 114.29 | 13.32 | 145.18 | -0.75 |
| 1998/12/28 00:00:00 | 118.43 | 12.93 | 132.61 | -0.52 |
| 1998/12/28 01:00:00 | 122.89 | 12.36 | 149.85 | -0.22 |
| 1998/12/28 02:00:00 | 209.04 | 11.72 | 231.74 | 0.24  |
| 1998/12/28 03:00:00 | 297.33 | 8.5   | 311.38 | 0.7   |
| 1998/12/28 04:00:00 | 323.17 | 6.65  | 334.21 | 1.27  |
| 1998/12/28 05:00:00 | 301.81 | 7.66  | 315.28 | 0.75  |
| 1998/12/28 06:00:00 | 306.18 | 10.58 | 317.21 | 0.01  |
| 1998/12/28 07:00:00 | 309.23 | 9.12  | 319.28 | -0.09 |
| 1998/12/28 08:00:00 | 304.27 | 11.43 | 313.28 | 0.15  |
| 1998/12/28 09:00:00 | 310.15 | 9.5   | 323.45 | 0.52  |
| 1998/12/28 10:00:00 | 314.16 | 8.73  | 327.62 | 0.53  |
| 1998/12/28 11:00:00 | 317.59 | 7.72  | 323.79 | 0.8   |
| 1998/12/28 12:00:00 | 313.63 | 5.1   | 323.66 | 0.83  |
| 1998/12/28 13:00:00 | 316.07 | 4.87  | 332.03 | 0.1   |
| 1998/12/28 14:00:00 | 291.87 | 5.46  | 315.55 | -0.14 |

## 007\_met1998.txt

|                     |        |       |        |     |       |
|---------------------|--------|-------|--------|-----|-------|
| 1998/12/28 15:00:00 | 295.21 | 5.46  | 321.22 | NaN | -0.43 |
| 1998/12/28 16:00:00 | 296.29 | 3.96  | 310.51 | NaN | -0.9  |
| 1998/12/28 17:00:00 | 332.98 | 4     | 351.84 | NaN | -1.12 |
| 1998/12/28 18:00:00 | 292.12 | 3.06  | 320.5  | NaN | -1.22 |
| 1998/12/28 19:00:00 | 290.27 | 3.58  | 321.66 | NaN | -1.23 |
| 1998/12/28 20:00:00 | 313.94 | 4.36  | 334.45 | NaN | -1.23 |
| 1998/12/28 21:00:00 | 363.42 | 3.69  | 374.25 | NaN | -1.21 |
| 1998/12/28 22:00:00 | 410.48 | 4.24  | 395.93 | NaN | -1.23 |
| 1998/12/28 23:00:00 | 397.99 | 2.63  | 383.84 | NaN | -1.29 |
| 1998/12/29 00:00:00 | 228.1  | 3.32  | 220.04 | NaN | -1.21 |
| 1998/12/29 01:00:00 | 145.09 | 3.64  | 141.97 | NaN | -1.39 |
| 1998/12/29 02:00:00 | 169.04 | 4.18  | 184.42 | NaN | -1.42 |
| 1998/12/29 03:00:00 | 178.74 | 5.77  | 186.7  | NaN | -1.42 |
| 1998/12/29 04:00:00 | 198.59 | 4.35  | 207.37 | NaN | -1.41 |
| 1998/12/29 05:00:00 | 229.11 | 4.27  | 237.32 | NaN | -1.41 |
| 1998/12/29 06:00:00 | 246.08 | 5.36  | 253.83 | NaN | -1.39 |
| 1998/12/29 07:00:00 | 233.49 | 5.68  | 233.93 | NaN | -1.34 |
| 1998/12/29 08:00:00 | 213.44 | 5.83  | 223.25 | NaN | -1.38 |
| 1998/12/29 09:00:00 | 232.57 | 7.35  | 234.54 | NaN | -1.38 |
| 1998/12/29 10:00:00 | 240.92 | 8.32  | 243.47 | NaN | -1.26 |
| 1998/12/29 11:00:00 | 244.71 | 7.5   | 246.85 | NaN | -1.18 |
| 1998/12/29 12:00:00 | 245.92 | 8.47  | 249.58 | NaN | -1.18 |
| 1998/12/29 13:00:00 | 256.1  | 8.81  | 261.26 | NaN | -1.1  |
| 1998/12/29 14:00:00 | 259.35 | 8.53  | 264.18 | NaN | -0.93 |
| 1998/12/29 15:00:00 | 263.68 | 8.5   | 267.27 | NaN | -0.91 |
| 1998/12/29 16:00:00 | 253.45 | 7.46  | 257.16 | NaN | -0.92 |
| 1998/12/29 17:00:00 | 263.75 | 7.41  | 255.91 | NaN | -0.74 |
| 1998/12/29 18:00:00 | 279.46 | 8.03  | 282.22 | NaN | -0.46 |
| 1998/12/29 19:00:00 | 291.14 | 6.42  | 362.84 | NaN | 0.21  |
| 1998/12/29 20:00:00 | 315.48 | 6.6   | 399.06 | NaN | 0.44  |
| 1998/12/29 21:00:00 | 350.55 | 6.14  | 333.34 | NaN | 1.18  |
| 1998/12/29 22:00:00 | 305.82 | 3.82  | 281.71 | NaN | 0.65  |
| 1998/12/29 23:00:00 | 338.87 | 10.38 | 357.64 | NaN | -1.52 |
| 1998/12/30 00:00:00 | 336.42 | 15.09 | 342.98 | NaN | -0.96 |
| 1998/12/30 01:00:00 | 340.24 | 13.3  | 349.77 | NaN | -0.94 |
| 1998/12/30 02:00:00 | 349.81 | 11.91 | 359.15 | NaN | -0.97 |
| 1998/12/30 03:00:00 | 344.49 | 10.55 | 351.66 | NaN | -1.01 |
| 1998/12/30 04:00:00 | 343.06 | 7.33  | 350.49 | NaN | -1.04 |
| 1998/12/30 05:00:00 | 333.28 | 7.15  | 346.87 | NaN | -0.96 |
| 1998/12/30 06:00:00 | 338.24 | 7.84  | 355.54 | NaN | -0.95 |
| 1998/12/30 07:00:00 | 322.5  | 6.7   | 327.57 | NaN | -0.89 |
| 1998/12/30 08:00:00 | 323.65 | 6.63  | 338.47 | NaN | -0.19 |
| 1998/12/30 09:00:00 | 378.08 | 8.34  | 386.1  | NaN | -0.6  |
| 1998/12/30 10:00:00 | 409.95 | 8.99  | 408.65 | NaN | -0.8  |
| 1998/12/30 11:00:00 | 457.13 | 9.67  | 372.55 | NaN | -0.93 |
| 1998/12/30 12:00:00 | 402.81 | 7.17  | 309.82 | NaN | -0.69 |
| 1998/12/30 13:00:00 | 235.1  | 4.89  | 178.76 | NaN | -0.45 |
| 1998/12/30 14:00:00 | 158.24 | 4.58  | 180.28 | NaN | -0.65 |
| 1998/12/30 15:00:00 | 172.13 | 4.9   | 189.35 | NaN | -0.69 |
| 1998/12/30 16:00:00 | 369.11 | 4.71  | 182.52 | NaN | -0.92 |
| 1998/12/30 17:00:00 | 197.24 | 5.64  | 232.27 | NaN | -0.71 |
| 1998/12/30 18:00:00 | 141.58 | 6.75  | 136.34 | NaN | -0.07 |
| 1998/12/30 19:00:00 | 228.08 | 3.67  | 288.16 | NaN | 0.39  |
| 1998/12/30 20:00:00 | 251.5  | 2.77  | 347.8  | NaN | 1.57  |
| 1998/12/30 21:00:00 | 155.56 | 3.28  | 436.14 | NaN | 4.34  |
| 1998/12/30 22:00:00 | 181.25 | 3.5   | 410.21 | NaN | 6.03  |

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|                     |        |       |        |     |       |
|---------------------|--------|-------|--------|-----|-------|
| 1998/12/30 23:00:00 | 169.61 | 3.13  | 426.21 | NaN | 6.77  |
| 1998/12/31 00:00:00 | 172.14 | 7.94  | 137.65 | NaN | 6.23  |
| 1998/12/31 01:00:00 | 168.46 | 10.23 | 146.35 | NaN | 2.34  |
| 1998/12/31 02:00:00 | 147.38 | 10.68 | 117.4  | NaN | 2.48  |
| 1998/12/31 03:00:00 | 124.15 | 9.02  | 81.8   | NaN | 3.65  |
| 1998/12/31 04:00:00 | 126.19 | 8.71  | 366.38 | NaN | 3.84  |
| 1998/12/31 05:00:00 | 136.1  | 10.01 | 271.31 | NaN | 4.42  |
| 1998/12/31 06:00:00 | 128.58 | 9.82  | 344.54 | NaN | 4.45  |
| 1998/12/31 07:00:00 | 126.26 | 8.12  | 409.56 | NaN | 4.53  |
| 1998/12/31 08:00:00 | 262.95 | 6.22  | 403.02 | NaN | 2.13  |
| 1998/12/31 09:00:00 | 402.28 | 4.96  | 399.58 | NaN | -0.28 |
| 1998/12/31 10:00:00 | 381.93 | 2.19  | 367.63 | NaN | -0.52 |
| 1998/12/31 11:00:00 | 337.37 | 3.16  | 300.25 | NaN | -0.32 |
| 1998/12/31 12:00:00 | 342.3  | 4.64  | 332.34 | NaN | -0.86 |
| 1998/12/31 13:00:00 | 392.2  | 2.54  | 385.72 | NaN | -1.04 |
| 1998/12/31 14:00:00 | 311.71 | 2.41  | 313.35 | NaN | -0.5  |
| 1998/12/31 15:00:00 | 248.62 | 2.99  | 261.94 | NaN | -0.48 |
| 1998/12/31 16:00:00 | 320.32 | 4.96  | 318.62 | NaN | -0.7  |
| 1998/12/31 17:00:00 | 376.35 | 4.06  | 356.03 | NaN | -0.62 |
| 1998/12/31 18:00:00 | 378.81 | 5.26  | 384.58 | NaN | 0.93  |
| 1998/12/31 19:00:00 | 372.4  | 6.63  | 395.75 | NaN | 2.44  |
| 1998/12/31 20:00:00 | 358.28 | 7.59  | 377.67 | NaN | 0.9   |
| 1998/12/31 21:00:00 | 383.31 | 8.45  | 387.62 | NaN | 0.43  |
| 1998/12/31 22:00:00 | 391.58 | 7.4   | 402.16 | NaN | -0.17 |
| 1998/12/31 23:00:00 | 402.05 | 8.2   | 404.1  | NaN | -0.45 |
| 1999/01/01 00:00:00 | 397.64 | 8.07  | 407.06 | NaN | -0.37 |