



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

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JUL - 9 2001

Department of Water Resources

July 5, 2001

Tim Luke, Manager
Water Distribution Section
Idaho Division of Water Resources
P.O. Box 83720
Boise, Idaho 83720-0098

Dear Tim:

This letter is in response to your letter dated June 6, 2001 and our telephone conversation several days later.

Attached is a copy of the provisional data from the datapod we installed at the old USGS stream gaging site on Clear Creek. Included is a printout showing hourly readings of average flow and a graphical representation of the data from May 2 through June 18.

As you will be able to determine from the data, it appears that water was turned down to Idaho two or three days late. This delay appears to correspond to approximately 220 acre feet of water. My understanding is that Vern Kempton, the Utah commissioner, turned the entire flow to Idaho on May 12 and then started the 53-47 split between Idaho and Utah on May 22. Based on these dates, it appears from the information collected with the datapod that approximately 1116 acre feet of water was delivered to Idaho before the split began. This is approximately 556 acre feet more than the 560 acre feet called for by the federal decree.

Neither of these results is surprising to me given the status and condition of the measuring devices in both Utah and Idaho that the Utah commissioner uses to make his distribution decisions. It is very easy in hind sight, with the datapod information available, to say that the Utah commissioner should have made the changes differently. However, the reality of the situation is that the Utah commissioner does not have this information available to him at the time he needs to make his decisions. It is my understanding that Vern reads the water measuring devices once daily to determine when to make the distribution to Idaho. He then schedules his time to make the adjustments in as reasonable a manor as possible. He does the best he can with what he has to work with.

Although the information indicates that distribution changes should have been made earlier than they were, I believe it also verifies that the Utah commissioner is not trying to short change the Idaho water users in the amount of water delivered to them. For this reason, among others, we place very little credibility in the allegations made by Dave Sundberg, the Idaho water master, in his May 30, 2001 letter to you.

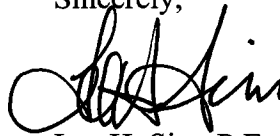
Page Two
Tim Luke

We do not deny that there is a communication problem between Vern and Dave, however, Dave is at least half, and perhaps more than half, of that problem. We are not inclined to consider replacing Vern as the Utah commissioner. We feel that he is doing as good a job as anyone else might be able to do given the circumstances which exist on Clear Creek and he has the support of all the Utah water users except Dave Sundberg.

Utah is not unsympathetic to this situation, however, I am not sure what to suggest to help resolve your problem.

I hope this information will be helpful to you. If you have any questions concerning it please contact me at (801)538-7380.

Sincerely,

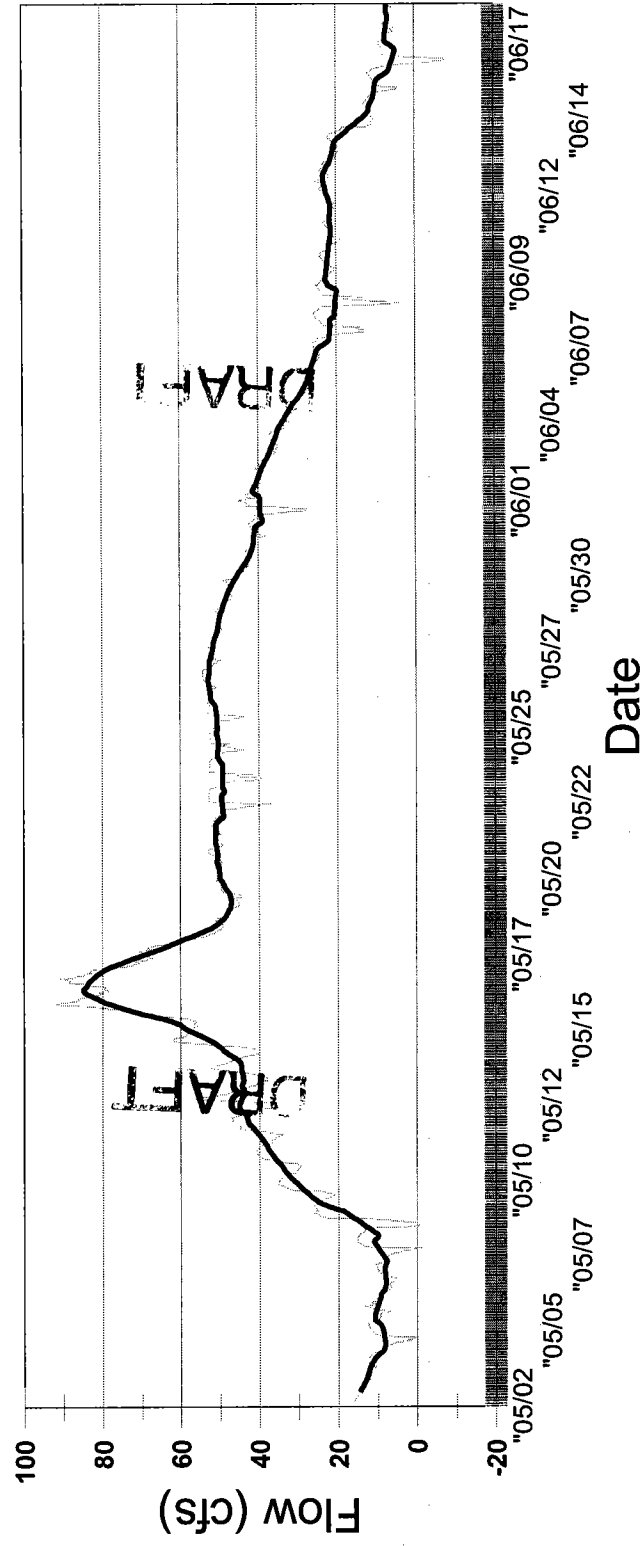
A handwritten signature in black ink, appearing to read "Lee H. Sim". The signature is fluid and cursive, with a large initial "L" and "S".

Lee H. Sim, P.E.

Assistant State Engineer for Distribution

Clear Creek

May 2, 2001 - June 18, 2001



| "Date" | "Time" | "Day" | | GH | Meas. Flow | Calc. Flow | Ave. 24 hr. flow |
|--------------|------------|-------|---------|-------|------------|------------|------------------|
| "05/02/2001" | "11:12:05" | 121 | -0.0005 | 1.180 | 12.86 | 12.86 | |
| "05/02/2001" | "12:00:00" | 121 | 0.0042 | 1.184 | | 16.45 | |
| "05/02/2001" | "13:00:00" | 121 | 0.0038 | 1.184 | | 16.40 | |
| "05/02/2001" | "14:00:00" | 121 | 0.0024 | 1.182 | | 16.25 | |
| "05/02/2001" | "15:00:00" | 121 | 0.0002 | 1.180 | | 16.01 | |
| "05/02/2001" | "16:00:00" | 121 | -0.0011 | 1.179 | | 15.86 | |
| "05/02/2001" | "17:00:00" | 121 | -0.0028 | 1.177 | | 15.68 | |
| "05/02/2001" | "18:00:00" | 121 | -0.0029 | 1.177 | | 15.67 | |
| "05/02/2001" | "19:00:00" | 121 | -0.003 | 1.177 | | 15.66 | |
| "05/02/2001" | "20:00:00" | 121 | -0.0081 | 1.172 | | 15.09 | |
| "05/02/2001" | "21:00:00" | 121 | -0.0135 | 1.167 | | 14.50 | |
| "05/02/2001" | "22:00:00" | 121 | -0.0185 | 1.162 | | 13.95 | |
| "05/02/2001" | "23:00:00" | 121 | -0.021 | 1.159 | | 13.68 | |
| "05/03/2001" | "00:00:00" | 122 | -0.0196 | 1.160 | | 13.83 | 14.45 |
| "05/03/2001" | "01:00:00" | 122 | -0.0171 | 1.163 | | 14.11 | 14.26 |
| "05/03/2001" | "02:00:00" | 122 | -0.017 | 1.163 | | 14.12 | 14.07 |
| "05/03/2001" | "03:00:00" | 122 | -0.0169 | 1.163 | | 14.13 | 13.89 |
| "05/03/2001" | "04:00:00" | 122 | -0.0153 | 1.165 | | 14.30 | 13.71 |
| "05/03/2001" | "05:00:00" | 122 | -0.0178 | 1.162 | | 14.03 | 13.54 |
| "05/03/2001" | "06:00:00" | 122 | -0.018 | 1.162 | | 14.01 | 13.38 |
| "05/03/2001" | "07:00:00" | 122 | -0.019 | 1.161 | | 13.90 | 13.18 |
| "05/03/2001" | "08:00:00" | 122 | -0.0265 | 1.154 | | 13.07 | 12.96 |
| "05/03/2001" | "09:00:00" | 122 | -0.0366 | 1.143 | | 11.96 | 12.84 |
| "05/03/2001" | "10:00:00" | 122 | -0.0361 | 1.144 | | 12.02 | 12.75 |
| "05/03/2001" | "11:00:00" | 122 | -0.0341 | 1.146 | | 12.24 | 12.67 |
| "05/03/2001" | "12:00:00" | 122 | -0.0378 | 1.142 | | 11.83 | 12.59 |
| "05/03/2001" | "13:00:00" | 122 | -0.0379 | 1.142 | | 11.82 | 12.51 |
| "05/03/2001" | "14:00:00" | 122 | -0.0377 | 1.142 | | 11.84 | 12.42 |
| "05/03/2001" | "15:00:00" | 122 | -0.0382 | 1.142 | | 11.79 | 12.34 |
| "05/03/2001" | "16:00:00" | 122 | -0.0382 | 1.142 | | 11.79 | 12.26 |
| "05/03/2001" | "17:00:00" | 122 | -0.038 | 1.142 | | 11.81 | 12.15 |
| "05/03/2001" | "18:00:00" | 122 | -0.0461 | 1.134 | | 10.92 | 12.05 |
| "05/03/2001" | "19:00:00" | 122 | -0.0523 | 1.128 | | 10.24 | 11.91 |
| "05/03/2001" | "20:00:00" | 122 | -0.0336 | 1.146 | | 12.29 | 11.76 |
| "05/03/2001" | "21:00:00" | 122 | -0.0342 | 1.146 | | 12.23 | 11.57 |
| "05/03/2001" | "22:00:00" | 122 | -0.0349 | 1.145 | | 12.15 | 11.42 |
| "05/03/2001" | "23:00:00" | 122 | -0.0378 | 1.142 | | 11.83 | 11.27 |
| "05/04/2001" | "00:00:00" | 123 | -0.0375 | 1.143 | | 11.86 | 11.11 |
| "05/04/2001" | "01:00:00" | 123 | -0.0362 | 1.144 | | 12.01 | 10.92 |
| "05/04/2001" | "02:00:00" | 123 | -0.0358 | 1.144 | | 12.05 | 10.69 |
| "05/04/2001" | "03:00:00" | 123 | -0.0348 | 1.145 | | 12.16 | 10.46 |
| "05/04/2001" | "04:00:00" | 123 | -0.0375 | 1.143 | | 11.86 | 10.16 |
| "05/04/2001" | "05:00:00" | 123 | -0.0413 | 1.139 | | 11.45 | 9.74 |
| "05/04/2001" | "06:00:00" | 123 | -0.0474 | 1.133 | | 10.78 | 9.35 |
| "05/04/2001" | "07:00:00" | 123 | -0.0525 | 1.128 | | 10.22 | 8.92 |
| "05/04/2001" | "08:00:00" | 123 | -0.0671 | 1.113 | | 8.61 | 8.51 |
| "05/04/2001" | "09:00:00" | 123 | -0.0689 | 1.111 | | 8.41 | 8.39 |
| "05/04/2001" | "10:00:00" | 123 | -0.0697 | 1.110 | | 8.33 | 8.31 |
| "05/04/2001" | "11:00:00" | 123 | -0.0702 | 1.110 | | 8.27 | 8.26 |
| "05/04/2001" | "12:00:00" | 123 | -0.0788 | 1.101 | | 7.33 | 8.23 |
| "05/04/2001" | "13:00:00" | 123 | -0.0876 | 1.092 | | 6.36 | 8.22 |
| "05/04/2001" | "14:00:00" | 123 | -0.0882 | 1.092 | | 6.29 | 8.21 |
| "05/04/2001" | "15:00:00" | 123 | -0.1032 | 1.077 | | 4.64 | 8.21 |
| "05/04/2001" | "16:00:00" | 123 | -0.1301 | 1.050 | | 1.69 | 8.21 |
| "05/04/2001" | "17:00:00" | 123 | -0.1243 | 1.056 | | 2.33 | 8.23 |
| "05/04/2001" | "18:00:00" | 123 | -0.1397 | 1.040 | | 0.63 | 8.27 |
| "05/04/2001" | "19:00:00" | 123 | -0.1423 | 1.038 | | 0.35 | 8.34 |
| "05/04/2001" | "20:00:00" | 123 | -0.0578 | 1.122 | | 9.63 | 8.39 |
| "05/04/2001" | "21:00:00" | 123 | -0.0517 | 1.128 | | 10.30 | 8.47 |
| "05/04/2001" | "22:00:00" | 123 | -0.0472 | 1.133 | | 10.80 | 8.53 |
| "05/04/2001" | "23:00:00" | 123 | -0.0446 | 1.135 | | 11.08 | 8.58 |

| | | | | | |
|-------------------------|-----|---------|-------|-------|-------|
| "05/05/2001" "00:00:00" | 124 | -0.0398 | 1.140 | 11.61 | 8.63 |
| "05/05/2001" "01:00:00" | 124 | -0.0375 | 1.143 | 11.86 | 8.71 |
| "05/05/2001" "02:00:00" | 124 | -0.0367 | 1.143 | 11.95 | 8.84 |
| "05/05/2001" "03:00:00" | 124 | -0.0344 | 1.146 | 12.20 | 8.96 |
| "05/05/2001" "04:00:00" | 124 | -0.0322 | 1.148 | 12.45 | 9.06 |
| "05/05/2001" "05:00:00" | 124 | -0.0339 | 1.146 | 12.26 | 9.28 |
| "05/05/2001" "06:00:00" | 124 | -0.032 | 1.148 | 12.47 | 9.58 |
| "05/05/2001" "07:00:00" | 124 | -0.0412 | 1.139 | 11.46 | 10.00 |
| "05/05/2001" "08:00:00" | 124 | -0.0499 | 1.130 | 10.50 | 10.49 |
| "05/05/2001" "09:00:00" | 124 | -0.0553 | 1.125 | 9.91 | 10.64 |
| "05/05/2001" "10:00:00" | 124 | -0.0581 | 1.122 | 9.60 | 10.68 |
| "05/05/2001" "11:00:00" | 124 | -0.0605 | 1.120 | 9.34 | 10.68 |
| "05/05/2001" "12:00:00" | 124 | -0.0614 | 1.119 | 9.24 | 10.70 |
| "05/05/2001" "13:00:00" | 124 | -0.0588 | 1.121 | 9.52 | 10.67 |
| "05/05/2001" "14:00:00" | 124 | -0.0627 | 1.117 | 9.09 | 10.60 |
| "05/05/2001" "15:00:00" | 124 | -0.0793 | 1.101 | 7.27 | 10.53 |
| "05/05/2001" "16:00:00" | 124 | -0.0825 | 1.098 | 6.92 | 10.44 |
| "05/05/2001" "17:00:00" | 124 | -0.0602 | 1.120 | 9.37 | 10.33 |
| "05/05/2001" "18:00:00" | 124 | -0.0469 | 1.133 | 10.83 | 10.23 |
| "05/05/2001" "19:00:00" | 124 | -0.0364 | 1.144 | 11.98 | 10.12 |
| "05/05/2001" "20:00:00" | 124 | -0.0234 | 1.157 | 13.41 | 10.04 |
| "05/05/2001" "21:00:00" | 124 | -0.0436 | 1.136 | 11.19 | 9.96 |
| "05/05/2001" "22:00:00" | 124 | -0.0478 | 1.132 | 10.73 | 9.84 |
| "05/05/2001" "23:00:00" | 124 | -0.0394 | 1.141 | 11.66 | 9.72 |
| "05/06/2001" "00:00:00" | 125 | -0.0465 | 1.134 | 10.88 | 9.61 |
| "05/06/2001" "01:00:00" | 125 | -0.0531 | 1.127 | 10.15 | 9.50 |
| "05/06/2001" "02:00:00" | 125 | -0.0523 | 1.128 | 10.24 | 9.39 |
| "05/06/2001" "03:00:00" | 125 | -0.054 | 1.126 | 10.05 | 9.30 |
| "05/06/2001" "04:00:00" | 125 | -0.0549 | 1.125 | 9.95 | 9.29 |
| "05/06/2001" "05:00:00" | 125 | -0.0565 | 1.124 | 9.78 | 9.26 |
| "05/06/2001" "06:00:00" | 125 | -0.0552 | 1.125 | 9.92 | 9.13 |
| "05/06/2001" "07:00:00" | 125 | -0.0601 | 1.120 | 9.38 | 8.91 |
| "05/06/2001" "08:00:00" | 125 | -0.0679 | 1.112 | 8.52 | 8.63 |
| "05/06/2001" "09:00:00" | 125 | -0.0808 | 1.099 | 7.11 | 8.38 |
| "05/06/2001" "10:00:00" | 125 | -0.0838 | 1.096 | 6.78 | 8.24 |
| "05/06/2001" "11:00:00" | 125 | -0.0856 | 1.094 | 6.58 | 8.15 |
| "05/06/2001" "12:00:00" | 125 | -0.0839 | 1.096 | 6.77 | 8.06 |
| "05/06/2001" "13:00:00" | 125 | -0.083 | 1.097 | 6.86 | 8.02 |
| "05/06/2001" "14:00:00" | 125 | -0.0818 | 1.098 | 7.00 | 8.00 |
| "05/06/2001" "15:00:00" | 125 | -0.0821 | 1.098 | 6.96 | 7.98 |
| "05/06/2001" "16:00:00" | 125 | -0.0902 | 1.090 | 6.07 | 7.98 |
| "05/06/2001" "17:00:00" | 125 | -0.089 | 1.09 | 6.20 | 7.99 |
| "05/06/2001" "18:00:00" | 125 | -0.0933 | 1.087 | 5.73 | 8.02 |
| "05/06/2001" "19:00:00" | 125 | -0.0973 | 1.083 | 5.29 | 8.04 |
| "05/06/2001" "20:00:00" | 125 | -0.0779 | 1.102 | 7.42 | 8.06 |
| "05/06/2001" "21:00:00" | 125 | -0.0745 | 1.106 | 7.80 | 8.04 |
| "05/06/2001" "22:00:00" | 125 | -0.068 | 1.112 | 8.51 | 8.07 |
| "05/06/2001" "23:00:00" | 125 | -0.0589 | 1.121 | 9.51 | 8.11 |
| "05/07/2001" "00:00:00" | 126 | -0.0557 | 1.124 | 9.86 | 8.16 |
| "05/07/2001" "01:00:00" | 126 | -0.058 | 1.122 | 9.61 | 8.20 |
| "05/07/2001" "02:00:00" | 126 | -0.0561 | 1.124 | 9.82 | 8.21 |
| "05/07/2001" "03:00:00" | 126 | -0.0544 | 1.126 | 10.01 | 8.21 |
| "05/07/2001" "04:00:00" | 126 | -0.0521 | 1.128 | 10.26 | 8.16 |
| "05/07/2001" "05:00:00" | 126 | -0.0502 | 1.130 | 10.47 | 8.08 |
| "05/07/2001" "06:00:00" | 126 | -0.05 | 1.130 | 10.49 | 7.97 |
| "05/07/2001" "07:00:00" | 126 | -0.057 | 1.123 | 9.72 | 7.80 |
| "05/07/2001" "08:00:00" | 126 | -0.0709 | 1.109 | 8.19 | 7.54 |
| "05/07/2001" "09:00:00" | 126 | -0.0754 | 1.105 | 7.70 | 7.72 |
| "05/07/2001" "10:00:00" | 126 | -0.0739 | 1.106 | 7.86 | 7.96 |
| "05/07/2001" "11:00:00" | 126 | -0.0743 | 1.106 | 7.82 | 8.19 |
| "05/07/2001" "12:00:00" | 126 | -0.0761 | 1.104 | 7.62 | 8.40 |
| "05/07/2001" "13:00:00" | 126 | -0.0807 | 1.099 | 7.12 | 8.61 |

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|-------------------------|-----|---------|-------|-------|-------|
| "05/07/2001" "14:00:00" | 126 | -0.0831 | 1.097 | 6.85 | 8.85 |
| "05/07/2001" "15:00:00" | 126 | -0.0922 | 1.088 | 5.85 | 9.07 |
| "05/07/2001" "16:00:00" | 126 | -0.1069 | 1.073 | 4.24 | 9.29 |
| "05/07/2001" "17:00:00" | 126 | -0.113 | 1.067 | 3.57 | 9.48 |
| "05/07/2001" "18:00:00" | 126 | -0.13 | 1.050 | 1.70 | 9.66 |
| "05/07/2001" "19:00:00" | 126 | -0.1545 | 1.026 | -0.99 | 9.84 |
| "05/07/2001" "20:00:00" | 126 | -0.0396 | 1.140 | 11.63 | 10.03 |
| "05/07/2001" "21:00:00" | 126 | -0.0213 | 1.159 | 13.64 | 10.25 |
| "05/07/2001" "22:00:00" | 126 | -0.0175 | 1.163 | 14.06 | 10.49 |
| "05/07/2001" "23:00:00" | 126 | -0.0135 | 1.167 | 14.50 | 10.71 |
| "05/08/2001" "00:00:00" | 127 | -0.009 | 1.171 | 15.00 | 10.91 |
| "05/08/2001" "01:00:00" | 127 | -0.0072 | 1.173 | 15.19 | 10.91 |
| "05/08/2001" "02:00:00" | 127 | -0.0074 | 1.173 | 15.17 | 10.61 |
| "05/08/2001" "03:00:00" | 127 | -0.0073 | 1.173 | 15.18 | 10.30 |
| "05/08/2001" "04:00:00" | 127 | -0.0093 | 1.171 | 14.96 | 10.04 |
| "05/08/2001" "05:00:00" | 127 | -0.0108 | 1.169 | 14.80 | 9.86 |
| "05/08/2001" "06:00:00" | 127 | -0.0106 | 1.169 | 14.82 | 9.93 |
| "05/08/2001" "07:00:00" | 127 | -0.015 | 1.165 | 14.34 | 10.21 |
| "05/08/2001" "08:00:00" | 127 | -0.0229 | 1.15 | 13.47 | 10.80 |
| "05/08/2001" "09:00:00" | 127 | -0.0246 | 1.155 | 13.28 | 11.27 |
| "05/08/2001" "10:00:00" | 127 | -0.0257 | 1.154 | 13.16 | 11.72 |
| "05/08/2001" "11:00:00" | 127 | -0.03 | 1.150 | 12.69 | 12.16 |
| "05/08/2001" "12:00:00" | 127 | -0.0762 | 1.104 | 7.61 | 12.62 |
| "05/08/2001" "13:00:00" | 127 | -0.146 | 1.034 | -0.06 | 13.08 |
| "05/08/2001" "14:00:00" | 127 | -0.1513 | 1.029 | -0.64 | 13.52 |
| "05/08/2001" "15:00:00" | 127 | -0.1488 | 1.031 | -0.37 | 13.93 |
| "05/08/2001" "16:00:00" | 127 | -0.1462 | 1.034 | -0.08 | 14.35 |
| "05/08/2001" "17:00:00" | 127 | -0.0977 | 1.082 | 5.25 | 14.80 |
| "05/08/2001" "18:00:00" | 127 | -0.0687 | 1.111 | 8.44 | 15.25 |
| "05/08/2001" "19:00:00" | 127 | -0.0259 | 1.154 | 13.14 | 15.73 |
| "05/08/2001" "20:00:00" | 127 | 0.0629 | 1.243 | 22.90 | 16.20 |
| "05/08/2001" "21:00:00" | 127 | 0.0768 | 1.257 | 24.42 | 16.66 |
| "05/08/2001" "22:00:00" | 127 | 0.0796 | 1.260 | 24.73 | 17.11 |
| "05/08/2001" "23:00:00" | 127 | 0.0855 | 1.266 | 25.38 | 17.56 |
| "05/09/2001" "00:00:00" | 128 | 0.0921 | 1.272 | 26.11 | 18.01 |
| "05/09/2001" "01:00:00" | 128 | 0.0888 | 1.269 | 25.74 | 18.64 |
| "05/09/2001" "02:00:00" | 128 | 0.0815 | 1.262 | 24.94 | 19.55 |
| "05/09/2001" "03:00:00" | 128 | 0.0862 | 1.266 | 25.46 | 20.45 |
| "05/09/2001" "04:00:00" | 128 | 0.0873 | 1.267 | 25.58 | 21.34 |
| "05/09/2001" "05:00:00" | 128 | 0.0882 | 1.268 | 25.68 | 22.28 |
| "05/09/2001" "06:00:00" | 128 | 0.0945 | 1.275 | 26.37 | 23.07 |
| "05/09/2001" "07:00:00" | 128 | 0.0865 | 1.267 | 25.49 | 24.00 |
| "05/09/2001" "08:00:00" | 128 | 0.0787 | 1.259 | 24.63 | 24.79 |
| "05/09/2001" "09:00:00" | 128 | 0.074 | 1.254 | 24.12 | 25.19 |
| "05/09/2001" "10:00:00" | 128 | 0.0714 | 1.25 | 23.83 | 25.56 |
| "05/09/2001" "11:00:00" | 128 | 0.0697 | 1.25 | 23.64 | 25.96 |
| "05/09/2001" "12:00:00" | 128 | 0.0616 | 1.242 | 22.75 | 26.37 |
| "05/09/2001" "13:00:00" | 128 | 0.0521 | 1.232 | 21.71 | 26.74 |
| "05/09/2001" "14:00:00" | 128 | 0.0458 | 1.226 | 21.02 | 27.13 |
| "05/09/2001" "15:00:00" | 128 | 0.0453 | 1.225 | 20.96 | 27.55 |
| "05/09/2001" "16:00:00" | 128 | 0.0589 | 1.239 | 22.46 | 27.92 |
| "05/09/2001" "17:00:00" | 128 | 0.0756 | 1.256 | 24.29 | 28.29 |
| "05/09/2001" "18:00:00" | 128 | 0.1336 | 1.314 | 30.67 | 28.62 |
| "05/09/2001" "19:00:00" | 128 | 0.1454 | 1.325 | 31.96 | 28.92 |
| "05/09/2001" "20:00:00" | 128 | 0.1506 | 1.331 | 32.53 | 29.26 |
| "05/09/2001" "21:00:00" | 128 | 0.1593 | 1.339 | 33.49 | 29.57 |
| "05/09/2001" "22:00:00" | 128 | 0.1653 | 1.345 | 34.15 | 29.85 |
| "05/09/2001" "23:00:00" | 128 | 0.1755 | 1.356 | 35.27 | 30.13 |
| "05/10/2001" "00:00:00" | 129 | 0.174 | 1.354 | 35.11 | 30.41 |
| "05/10/2001" "01:00:00" | 129 | 0.173 | 1.353 | 35.00 | 30.72 |
| "05/10/2001" "02:00:00" | 129 | 0.1733 | 1.353 | 35.03 | 31.06 |
| "05/10/2001" "03:00:00" | 129 | 0.1674 | 1.347 | 34.38 | 31.42 |

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| "05/10/2001" "04:00:00" | 129 | 0.1668 | 1.347 | 34.31 | 31.78 |
| "05/10/2001" "05:00:00" | 129 | 0.1603 | 1.340 | 33.60 | 32.12 |
| "05/10/2001" "06:00:00" | 129 | 0.1612 | 1.341 | 33.70 | 32.46 |
| "05/10/2001" "07:00:00" | 129 | 0.1598 | 1.340 | 33.55 | 32.65 |
| "05/10/2001" "08:00:00" | 129 | 0.1468 | 1.327 | 32.12 | 32.85 |
| "05/10/2001" "09:00:00" | 129 | 0.1348 | 1.315 | 30.80 | 33.10 |
| "05/10/2001" "10:00:00" | 129 | 0.1331 | 1.313 | 30.61 | 33.36 |
| "05/10/2001" "11:00:00" | 129 | 0.1312 | 1.311 | 30.40 | 33.60 |
| "05/10/2001" "12:00:00" | 129 | 0.1281 | 1.308 | 30.06 | 33.80 |
| "05/10/2001" "13:00:00" | 129 | 0.1284 | 1.308 | 30.09 | 34.03 |
| "05/10/2001" "14:00:00" | 129 | 0.123 | 1.303 | 29.50 | 34.23 |
| "05/10/2001" "15:00:00" | 129 | 0.1247 | 1.305 | 29.69 | 34.46 |
| "05/10/2001" "16:00:00" | 129 | 0.1327 | 1.313 | 30.57 | 34.72 |
| "05/10/2001" "17:00:00" | 129 | 0.1504 | 1.330 | 32.51 | 34.98 |
| "05/10/2001" "18:00:00" | 129 | 0.174 | 1.354 | 35.11 | 35.27 |
| "05/10/2001" "19:00:00" | 129 | 0.1889 | 1.369 | 36.74 | 35.52 |
| "05/10/2001" "20:00:00" | 129 | 0.2066 | 1.387 | 38.69 | 35.76 |
| "05/10/2001" "21:00:00" | 129 | 0.215 | 1.395 | 39.61 | 36.00 |
| "05/10/2001" "22:00:00" | 129 | 0.2172 | 1.397 | 39.85 | 36.26 |
| "05/10/2001" "23:00:00" | 129 | 0.2207 | 1.401 | 40.24 | 36.52 |
| "05/11/2001" "00:00:00" | 130 | 0.2236 | 1.404 | 40.56 | 36.78 |
| "05/11/2001" "01:00:00" | 130 | 0.2178 | 1.398 | 39.92 | 37.04 |
| "05/11/2001" "02:00:00" | 130 | 0.222 | 1.402 | 40.38 | 37.28 |
| "05/11/2001" "03:00:00" | 130 | 0.2251 | 1.405 | 40.72 | 37.52 |
| "05/11/2001" "04:00:00" | 130 | 0.2238 | 1.404 | 40.58 | 37.72 |
| "05/11/2001" "05:00:00" | 130 | 0.2223 | 1.402 | 40.41 | 37.86 |
| "05/11/2001" "06:00:00" | 130 | 0.2172 | 1.397 | 39.85 | 37.98 |
| "05/11/2001" "07:00:00" | 130 | 0.2113 | 1.391 | 39.20 | 38.12 |
| "05/11/2001" "08:00:00" | 130 | 0.2002 | 1.380 | 37.98 | 38.26 |
| "05/11/2001" "09:00:00" | 130 | 0.19 | 1.370 | 36.86 | 38.52 |
| "05/11/2001" "10:00:00" | 130 | 0.1898 | 1.370 | 36.84 | 38.73 |
| "05/11/2001" "11:00:00" | 130 | 0.1889 | 1.369 | 36.74 | 38.93 |
| "05/11/2001" "12:00:00" | 130 | 0.1849 | 1.365 | 36.30 | 39.13 |
| "05/11/2001" "13:00:00" | 130 | 0.181 | 1.361 | 35.87 | 39.34 |
| "05/11/2001" "14:00:00" | 130 | 0.1758 | 1.356 | 35.30 | 39.60 |
| "05/11/2001" "15:00:00" | 130 | 0.1683 | 1.348 | 34.48 | 39.87 |
| "05/11/2001" "16:00:00" | 130 | 0.1622 | 1.342 | 33.81 | 40.12 |
| "05/11/2001" "17:00:00" | 130 | 0.178 | 1.358 | 35.55 | 40.36 |
| "05/11/2001" "18:00:00" | 130 | 0.2044 | 1.384 | 38.45 | 40.63 |
| "05/11/2001" "19:00:00" | 130 | 0.2187 | 1.399 | 40.02 | 40.93 |
| "05/11/2001" "20:00:00" | 130 | 0.2633 | 1.443 | 44.92 | 41.19 |
| "05/11/2001" "21:00:00" | 130 | 0.2613 | 1.441 | 44.70 | 41.46 |
| "05/11/2001" "22:00:00" | 130 | 0.2616 | 1.442 | 44.73 | 41.76 |
| "05/11/2001" "23:00:00" | 130 | 0.2635 | 1.444 | 44.94 | 42.07 |
| "05/12/2001" "00:00:00" | 131 | 0.2701 | 1.450 | 45.67 | 42.46 |
| "05/12/2001" "01:00:00" | 131 | 0.2746 | 1.455 | 46.16 | 42.72 |
| "05/12/2001" "02:00:00" | 131 | 0.2804 | 1.460 | 46.80 | 42.76 |
| "05/12/2001" "03:00:00" | 131 | 0.2797 | 1.460 | 46.72 | 42.82 |
| "05/12/2001" "04:00:00" | 131 | 0.276 | 1.456 | 46.31 | 42.93 |
| "05/12/2001" "05:00:00" | 131 | 0.2814 | 1.461 | 46.91 | 43.07 |
| "05/12/2001" "06:00:00" | 131 | 0.2827 | 1.463 | 47.05 | 43.11 |
| "05/12/2001" "07:00:00" | 131 | 0.2679 | 1.448 | 45.42 | 43.05 |
| "05/12/2001" "08:00:00" | 131 | 0.2589 | 1.439 | 44.44 | 43.28 |
| "05/12/2001" "09:00:00" | 131 | 0.2562 | 1.436 | 44.14 | 43.61 |
| "05/12/2001" "10:00:00" | 131 | 0.2575 | 1.438 | 44.28 | 44.09 |
| "05/12/2001" "11:00:00" | 131 | 0.2737 | 1.454 | 46.06 | 44.50 |
| "05/12/2001" "12:00:00" | 131 | 0.2419 | 1.422 | 42.57 | 44.81 |
| "05/12/2001" "13:00:00" | 131 | 0.1901 | 1.370 | 36.87 | 44.98 |
| "05/12/2001" "14:00:00" | 131 | 0.1895 | 1.370 | 36.81 | 45.07 |
| "05/12/2001" "15:00:00" | 131 | 0.1921 | 1.372 | 37.09 | 45.08 |
| "05/12/2001" "16:00:00" | 131 | 0.191 | 1.371 | 36.97 | 45.06 |
| "05/12/2001" "17:00:00" | 131 | 0.1872 | 1.367 | 36.56 | 45.00 |

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| "05/12/2001" "18:00:00" | 131 | 0.191 | 1.371 | 36.97 | 44.86 |
| "05/12/2001" "19:00:00" | 131 | 0.2703 | 1.450 | 45.69 | 44.69 |
| "05/12/2001" "20:00:00" | 131 | 0.3341 | 1.514 | 52.70 | 44.57 |
| "05/12/2001" "21:00:00" | 131 | 0.3668 | 1.547 | 56.29 | 44.43 |
| "05/12/2001" "22:00:00" | 131 | 0.3514 | 1.531 | 54.60 | 44.28 |
| "05/12/2001" "23:00:00" | 131 | 0.3302 | 1.510 | 52.27 | 44.10 |
| "05/13/2001" "00:00:00" | 132 | 0.3083 | 1.488 | 49.86 | 43.83 |
| "05/13/2001" "01:00:00" | 132 | 0.2941 | 1.474 | 48.30 | 43.63 |
| "05/13/2001" "02:00:00" | 132 | 0.2826 | 1.463 | 47.04 | 43.68 |
| "05/13/2001" "03:00:00" | 132 | 0.2762 | 1.456 | 46.34 | 43.73 |
| "05/13/2001" "04:00:00" | 132 | 0.2625 | 1.443 | 44.83 | 43.79 |
| "05/13/2001" "05:00:00" | 132 | 0.2502 | 1.430 | 43.48 | 43.92 |
| "05/13/2001" "06:00:00" | 132 | 0.2465 | 1.427 | 43.07 | 44.13 |
| "05/13/2001" "07:00:00" | 132 | 0.2409 | 1.421 | 42.46 | 44.40 |
| "05/13/2001" "08:00:00" | 132 | 0.2281 | 1.408 | 41.95 | 44.40 |
| "05/13/2001" "09:00:00" | 132 | 0.2239 | 1.404 | 40.59 | 44.24 |
| "05/13/2001" "10:00:00" | 132 | 0.2186 | 1.399 | 40.01 | 44.06 |
| "05/13/2001" "11:00:00" | 132 | 0.2129 | 1.393 | 39.38 | 43.98 |
| "05/13/2001" "12:00:00" | 132 | 0.2 | 1.380 | 37.96 | 43.95 |
| "05/13/2001" "13:00:00" | 132 | 0.2009 | 1.381 | 38.06 | 44.00 |
| "05/13/2001" "14:00:00" | 132 | 0.2007 | 1.381 | 38.04 | 44.04 |
| "05/13/2001" "15:00:00" | 132 | 0.2041 | 1.384 | 38.41 | 44.09 |
| "05/13/2001" "16:00:00" | 132 | 0.2198 | 1.400 | 40.14 | 44.13 |
| "05/13/2001" "17:00:00" | 132 | 0.233 | 1.413 | 41.59 | 44.20 |
| "05/13/2001" "18:00:00" | 132 | 0.2509 | 1.431 | 43.56 | 44.32 |
| "05/13/2001" "19:00:00" | 132 | 0.2689 | 1.449 | 45.53 | 44.40 |
| "05/13/2001" "20:00:00" | 132 | 0.3002 | 1.480 | 48.97 | 44.47 |
| "05/13/2001" "21:00:00" | 132 | 0.3274 | 1.507 | 51.96 | 44.52 |
| "05/13/2001" "22:00:00" | 132 | 0.3325 | 1.513 | 52.52 | 44.53 |
| "05/13/2001" "23:00:00" | 132 | 0.3255 | 1.506 | 51.75 | 44.52 |
| "05/14/2001" "00:00:00" | 133 | 0.3179 | 1.498 | 50.92 | 44.55 |
| "05/14/2001" "01:00:00" | 133 | 0.3024 | 1.482 | 49.22 | 44.62 |
| "05/14/2001" "02:00:00" | 133 | 0.2951 | 1.475 | 48.41 | 44.72 |
| "05/14/2001" "03:00:00" | 133 | 0.2836 | 1.464 | 47.15 | 44.89 |
| "05/14/2001" "04:00:00" | 133 | 0.2793 | 1.459 | 46.68 | 45.15 |
| "05/14/2001" "05:00:00" | 133 | 0.2749 | 1.455 | 46.19 | 45.58 |
| "05/14/2001" "06:00:00" | 133 | 0.2639 | 1.444 | 44.98 | 46.05 |
| "05/14/2001" "07:00:00" | 133 | 0.2562 | 1.436 | 44.14 | 46.58 |
| "05/14/2001" "08:00:00" | 133 | 0.2392 | 1.419 | 42.27 | 47.21 |
| "05/14/2001" "09:00:00" | 133 | 0.2271 | 1.407 | 40.94 | 47.74 |
| "05/14/2001" "10:00:00" | 133 | 0.216 | 1.396 | 39.72 | 48.15 |
| "05/14/2001" "11:00:00" | 133 | 0.2184 | 1.398 | 39.98 | 48.53 |
| "05/14/2001" "12:00:00" | 133 | 0.2171 | 1.397 | 39.84 | 48.86 |
| "05/14/2001" "13:00:00" | 133 | 0.2215 | 1.402 | 40.33 | 49.18 |
| "05/14/2001" "14:00:00" | 133 | 0.2371 | 1.417 | 42.04 | 49.56 |
| "05/14/2001" "15:00:00" | 133 | 0.262 | 1.442 | 44.78 | 49.96 |
| "05/14/2001" "16:00:00" | 133 | 0.3128 | 1.493 | 50.36 | 50.41 |
| "05/14/2001" "17:00:00" | 133 | 0.3369 | 1.517 | 53.01 | 50.86 |
| "05/14/2001" "18:00:00" | 133 | 0.3655 | 1.546 | 56.15 | 51.32 |
| "05/14/2001" "19:00:00" | 133 | 0.408 | 1.588 | 60.82 | 51.80 |
| "05/14/2001" "20:00:00" | 133 | 0.4148 | 1.595 | 61.57 | 52.31 |
| "05/14/2001" "21:00:00" | 133 | 0.4163 | 1.596 | 61.73 | 52.87 |
| "05/14/2001" "22:00:00" | 133 | 0.4173 | 1.597 | 61.84 | 53.51 |
| "05/14/2001" "23:00:00" | 133 | 0.3965 | 1.577 | 59.56 | 54.21 |
| "05/15/2001" "00:00:00" | 134 | 0.3886 | 1.569 | 58.69 | 54.88 |
| "05/15/2001" "01:00:00" | 134 | 0.3847 | 1.565 | 58.26 | 55.57 |
| "05/15/2001" "02:00:00" | 134 | 0.3835 | 1.564 | 58.13 | 56.29 |
| "05/15/2001" "03:00:00" | 134 | 0.3813 | 1.561 | 57.89 | 56.96 |
| "05/15/2001" "04:00:00" | 134 | 0.3767 | 1.557 | 57.38 | 57.67 |
| "05/15/2001" "05:00:00" | 134 | 0.3751 | 1.555 | 57.20 | 58.29 |
| "05/15/2001" "06:00:00" | 134 | 0.3689 | 1.549 | 56.52 | 58.85 |
| "05/15/2001" "07:00:00" | 134 | 0.3684 | 1.548 | 56.47 | 59.36 |

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| "05/15/2001" "08:00:00" | 134 | 0.3623 | 1.542 | 55.80 | 59.72 |
| "05/15/2001" "09:00:00" | 134 | 0.3668 | 1.547 | 56.29 | 60.22 |
| "05/15/2001" "10:00:00" | 134 | 0.3689 | 1.549 | 56.52 | 60.76 |
| "05/15/2001" "11:00:00" | 134 | 0.3646 | 1.545 | 56.05 | 61.43 |
| "05/15/2001" "12:00:00" | 134 | 0.3663 | 1.546 | 56.24 | 62.33 |
| "05/15/2001" "13:00:00" | 134 | 0.3793 | 1.559 | 57.67 | 63.33 |
| "05/15/2001" "14:00:00" | 134 | 0.3826 | 1.563 | 58.03 | 64.68 |
| "05/15/2001" "15:00:00" | 134 | 0.4173 | 1.597 | 61.84 | 66.09 |
| "05/15/2001" "16:00:00" | 134 | 0.4487 | 1.629 | 65.29 | 67.41 |
| "05/15/2001" "17:00:00" | 134 | 0.4599 | 1.640 | 66.52 | 68.64 |
| "05/15/2001" "18:00:00" | 134 | 0.4763 | 1.656 | 68.32 | 69.85 |
| "05/15/2001" "19:00:00" | 134 | 0.4861 | 1.666 | 69.40 | 71.08 |
| "05/15/2001" "20:00:00" | 134 | 0.5241 | 1.704 | 73.58 | 72.25 |
| "05/15/2001" "21:00:00" | 134 | 0.5347 | 1.715 | 74.74 | 73.40 |
| "05/15/2001" "22:00:00" | 134 | 0.5636 | 1.744 | 77.92 | 74.44 |
| "05/15/2001" "23:00:00" | 134 | 0.5924 | 1.772 | 81.08 | 75.43 |
| "05/16/2001" "00:00:00" | 135 | 0.6069 | 1.787 | 82.68 | 76.47 |
| "05/16/2001" "01:00:00" | 135 | 0.6794 | 1.859 | 90.64 | 77.40 |
| "05/16/2001" "02:00:00" | 135 | 0.6924 | 1.872 | 92.07 | 78.27 |
| "05/16/2001" "03:00:00" | 135 | 0.6696 | 1.850 | 89.57 | 79.19 |
| "05/16/2001" "04:00:00" | 135 | 0.6455 | 1.826 | 86.92 | 79.90 |
| "05/16/2001" "05:00:00" | 135 | 0.6384 | 1.818 | 86.14 | 80.53 |
| "05/16/2001" "06:00:00" | 135 | 0.6389 | 1.819 | 86.19 | 81.25 |
| "05/16/2001" "07:00:00" | 135 | 0.6229 | 1.803 | 84.43 | 81.92 |
| "05/16/2001" "08:00:00" | 135 | 0.6141 | 1.794 | 83.47 | 82.71 |
| "05/16/2001" "09:00:00" | 135 | 0.5929 | 1.773 | 81.14 | 83.34 |
| "05/16/2001" "10:00:00" | 135 | 0.5868 | 1.767 | 80.47 | 83.89 |
| "05/16/2001" "11:00:00" | 135 | 0.5901 | 1.770 | 80.83 | 84.44 |
| "05/16/2001" "12:00:00" | 135 | 0.5704 | 1.750 | 78.67 | 84.70 |
| "05/16/2001" "13:00:00" | 135 | 0.5694 | 1.749 | 78.56 | 84.86 |
| "05/16/2001" "14:00:00" | 135 | 0.5823 | 1.762 | 79.97 | 84.60 |
| "05/16/2001" "15:00:00" | 135 | 0.574 | 1.754 | 79.06 | 84.28 |
| "05/16/2001" "16:00:00" | 135 | 0.5858 | 1.766 | 80.36 | 84.01 |
| "05/16/2001" "17:00:00" | 135 | 0.6165 | 1.797 | 83.73 | 83.85 |
| "05/16/2001" "18:00:00" | 135 | 0.6234 | 1.803 | 84.49 | 83.70 |
| "05/16/2001" "19:00:00" | 135 | 0.6582 | 1.838 | 88.31 | 83.51 |
| "05/16/2001" "20:00:00" | 135 | 0.6611 | 1.841 | 88.63 | 83.25 |
| "05/16/2001" "21:00:00" | 135 | 0.6559 | 1.836 | 88.06 | 82.87 |
| "05/16/2001" "22:00:00" | 135 | 0.6827 | 1.863 | 91.01 | 82.50 |
| "05/16/2001" "23:00:00" | 135 | 0.6504 | 1.830 | 87.46 | 82.12 |
| "05/17/2001" "00:00:00" | 136 | 0.6418 | 1.822 | 86.51 | 81.70 |
| "05/17/2001" "01:00:00" | 136 | 0.6233 | 1.803 | 84.48 | 81.40 |
| "05/17/2001" "02:00:00" | 136 | 0.6224 | 1.802 | 84.38 | 81.00 |
| "05/17/2001" "03:00:00" | 136 | 0.6087 | 1.789 | 82.87 | 80.51 |
| "05/17/2001" "04:00:00" | 136 | 0.612 | 1.792 | 83.24 | 80.02 |
| "05/17/2001" "05:00:00" | 136 | 0.6061 | 1.786 | 82.59 | 79.52 |
| "05/17/2001" "06:00:00" | 136 | 0.5969 | 1.777 | 81.58 | 78.89 |
| "05/17/2001" "07:00:00" | 136 | 0.565 | 1.745 | 78.07 | 78.24 |
| "05/17/2001" "08:00:00" | 136 | 0.5314 | 1.711 | 74.38 | 77.44 |
| "05/17/2001" "09:00:00" | 136 | 0.5132 | 1.693 | 72.38 | 76.68 |
| "05/17/2001" "10:00:00" | 136 | 0.5032 | 1.683 | 71.28 | 75.87 |
| "05/17/2001" "11:00:00" | 136 | 0.4978 | 1.678 | 70.69 | 74.87 |
| "05/17/2001" "12:00:00" | 136 | 0.5033 | 1.680 | 71.45 | 74.09 |
| "05/17/2001" "13:00:00" | 136 | 0.482 | 1.662 | 68.95 | 73.31 |
| "05/17/2001" "14:00:00" | 136 | 0.4768 | 1.657 | 68.38 | 72.56 |
| "05/17/2001" "15:00:00" | 136 | 0.4665 | 1.647 | 67.25 | 71.69 |
| "05/17/2001" "16:00:00" | 136 | 0.4764 | 1.656 | 68.34 | 70.83 |
| "05/17/2001" "17:00:00" | 136 | 0.4793 | 1.659 | 68.65 | 69.88 |
| "05/17/2001" "18:00:00" | 136 | 0.4814 | 1.661 | 68.89 | 68.89 |
| "05/17/2001" "19:00:00" | 136 | 0.4829 | 1.663 | 69.05 | 67.86 |
| "05/17/2001" "20:00:00" | 136 | 0.4956 | 1.676 | 70.45 | 66.92 |
| "05/17/2001" "21:00:00" | 136 | 0.4781 | 1.658 | 68.52 | 66.06 |

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| "05/17/2001" "22:00:00" | 136 | 0.4647 | 1.645 | 67.05 | 65.25 |
| "05/17/2001" "23:00:00" | 136 | 0.4793 | 1.659 | 68.65 | 64.48 |
| "05/18/2001" "00:00:00" | 137 | 0.4716 | 1.652 | 67.81 | 63.67 |
| "05/18/2001" "01:00:00" | 137 | 0.46 | 1.640 | 66.53 | 62.82 |
| "05/18/2001" "02:00:00" | 137 | 0.4325 | 1.613 | 63.51 | 62.05 |
| "05/18/2001" "03:00:00" | 137 | 0.4212 | 1.601 | 62.27 | 61.26 |
| "05/18/2001" "04:00:00" | 137 | 0.4042 | 1.584 | 60.40 | 60.51 |
| "05/18/2001" "05:00:00" | 137 | 0.3892 | 1.569 | 58.75 | 59.72 |
| "05/18/2001" "06:00:00" | 137 | 0.3723 | 1.552 | 56.90 | 58.90 |
| "05/18/2001" "07:00:00" | 137 | 0.3596 | 1.540 | 55.50 | 58.08 |
| "05/18/2001" "08:00:00" | 137 | 0.3449 | 1.525 | 53.89 | 57.27 |
| "05/18/2001" "09:00:00" | 137 | 0.3364 | 1.516 | 52.95 | 56.45 |
| "05/18/2001" "10:00:00" | 137 | 0.3341 | 1.514 | 52.70 | 55.72 |
| "05/18/2001" "11:00:00" | 137 | 0.3211 | 1.501 | 51.27 | 54.97 |
| "05/18/2001" "12:00:00" | 137 | 0.3185 | 1.499 | 50.98 | 54.21 |
| "05/18/2001" "13:00:00" | 137 | 0.3131 | 1.493 | 50.39 | 53.44 |
| "05/18/2001" "14:00:00" | 137 | 0.306 | 1.486 | 49.61 | 52.70 |
| "05/18/2001" "15:00:00" | 137 | 0.3024 | 1.482 | 49.22 | 52.08 |
| "05/18/2001" "16:00:00" | 137 | 0.3026 | 1.483 | 49.24 | 51.51 |
| "05/18/2001" "17:00:00" | 137 | 0.3011 | 1.481 | 49.07 | 51.00 |
| "05/18/2001" "18:00:00" | 137 | 0.3033 | 1.483 | 49.31 | 50.55 |
| "05/18/2001" "19:00:00" | 137 | 0.3049 | 1.485 | 49.49 | 50.16 |
| "05/18/2001" "20:00:00" | 137 | 0.3164 | 1.496 | 50.75 | 49.81 |
| "05/18/2001" "21:00:00" | 137 | 0.318 | 1.498 | 50.93 | 49.47 |
| "05/18/2001" "22:00:00" | 137 | 0.3017 | 1.482 | 49.14 | 49.14 |
| "05/18/2001" "23:00:00" | 137 | 0.3131 | 1.493 | 50.39 | 48.82 |
| "05/19/2001" "00:00:00" | 138 | 0.3044 | 1.484 | 49.43 | 48.56 |
| "05/19/2001" "01:00:00" | 138 | 0.2971 | 1.477 | 48.63 | 48.34 |
| "05/19/2001" "02:00:00" | 138 | 0.297 | 1.477 | 48.62 | 48.14 |
| "05/19/2001" "03:00:00" | 138 | 0.2965 | 1.477 | 48.57 | 47.97 |
| "05/19/2001" "04:00:00" | 138 | 0.2937 | 1.474 | 48.26 | 47.85 |
| "05/19/2001" "05:00:00" | 138 | 0.291 | 1.471 | 47.96 | 47.65 |
| "05/19/2001" "06:00:00" | 138 | 0.2861 | 1.466 | 47.42 | 47.43 |
| "05/19/2001" "07:00:00" | 138 | 0.2838 | 1.464 | 47.17 | 47.25 |
| "05/19/2001" "08:00:00" | 138 | 0.2704 | 1.450 | 45.70 | 47.22 |
| "05/19/2001" "09:00:00" | 138 | 0.2653 | 1.445 | 45.14 | 47.15 |
| "05/19/2001" "10:00:00" | 138 | 0.2636 | 1.444 | 44.95 | 47.07 |
| "05/19/2001" "11:00:00" | 138 | 0.2645 | 1.445 | 45.05 | 47.10 |
| "05/19/2001" "12:00:00" | 138 | 0.2694 | 1.449 | 45.59 | 47.06 |
| "05/19/2001" "13:00:00" | 138 | 0.2696 | 1.450 | 45.61 | 47.07 |
| "05/19/2001" "14:00:00" | 138 | 0.2698 | 1.450 | 45.63 | 47.12 |
| "05/19/2001" "15:00:00" | 138 | 0.2755 | 1.456 | 46.26 | 47.15 |
| "05/19/2001" "16:00:00" | 138 | 0.2593 | 1.439 | 44.48 | 47.21 |
| "05/19/2001" "17:00:00" | 138 | 0.2542 | 1.434 | 43.92 | 47.29 |
| "05/19/2001" "18:00:00" | 138 | 0.2634 | 1.443 | 44.93 | 47.42 |
| "05/19/2001" "19:00:00" | 138 | 0.2988 | 1.479 | 48.82 | 47.55 |
| "05/19/2001" "20:00:00" | 138 | 0.2994 | 1.479 | 48.89 | 47.70 |
| "05/19/2001" "21:00:00" | 138 | 0.3007 | 1.481 | 49.03 | 47.90 |
| "05/19/2001" "22:00:00" | 138 | 0.3086 | 1.489 | 49.90 | 48.14 |
| "05/19/2001" "23:00:00" | 138 | 0.305 | 1.485 | 49.50 | 48.36 |
| "05/20/2001" "00:00:00" | 139 | 0.3058 | 1.486 | 49.59 | 48.60 |
| "05/20/2001" "01:00:00" | 139 | 0.3088 | 1.489 | 49.92 | 48.78 |
| "05/20/2001" "02:00:00" | 139 | 0.3035 | 1.484 | 49.34 | 48.95 |
| "05/20/2001" "03:00:00" | 139 | 0.3093 | 1.489 | 49.97 | 49.11 |
| "05/20/2001" "04:00:00" | 139 | 0.3113 | 1.491 | 50.19 | 49.26 |
| "05/20/2001" "05:00:00" | 139 | 0.3184 | 1.498 | 50.97 | 49.46 |
| "05/20/2001" "06:00:00" | 139 | 0.3155 | 1.496 | 50.65 | 49.71 |
| "05/20/2001" "07:00:00" | 139 | 0.3158 | 1.496 | 50.69 | 49.90 |
| "05/20/2001" "08:00:00" | 139 | 0.3148 | 1.495 | 50.58 | 49.94 |
| "05/20/2001" "09:00:00" | 139 | 0.3176 | 1.498 | 50.89 | 49.96 |
| "05/20/2001" "10:00:00" | 139 | 0.3123 | 1.492 | 50.30 | 49.99 |
| "05/20/2001" "11:00:00" | 139 | 0.3163 | 1.496 | 50.74 | 49.99 |

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|-------------------------|-----|--------|-------|-------|-------|
| "05/20/2001" "12:00:00" | 139 | 0.3094 | 1.489 | 49.98 | 50.02 |
| "05/20/2001" "13:00:00" | 139 | 0.306 | 1.486 | 49.61 | 50.07 |
| "05/20/2001" "14:00:00" | 139 | 0.306 | 1.486 | 49.61 | 50.11 |
| "05/20/2001" "15:00:00" | 139 | 0.3064 | 1.486 | 49.65 | 50.21 |
| "05/20/2001" "16:00:00" | 139 | 0.3047 | 1.485 | 49.47 | 50.31 |
| "05/20/2001" "17:00:00" | 139 | 0.3078 | 1.488 | 49.81 | 50.42 |
| "05/20/2001" "18:00:00" | 139 | 0.3054 | 1.485 | 49.54 | 50.49 |
| "05/20/2001" "19:00:00" | 139 | 0.3078 | 1.488 | 49.81 | 50.58 |
| "05/20/2001" "20:00:00" | 139 | 0.3035 | 1.484 | 49.34 | 50.64 |
| "05/20/2001" "21:00:00" | 139 | 0.3071 | 1.487 | 49.73 | 50.64 |
| "05/20/2001" "22:00:00" | 139 | 0.308 | 1.488 | 49.83 | 50.56 |
| "05/20/2001" "23:00:00" | 139 | 0.3127 | 1.493 | 50.35 | 50.52 |
| "05/21/2001" "00:00:00" | 140 | 0.316 | 1.496 | 50.71 | 50.46 |
| "05/21/2001" "01:00:00" | 140 | 0.3173 | 1.497 | 50.85 | 50.45 |
| "05/21/2001" "02:00:00" | 140 | 0.3244 | 1.504 | 51.63 | 50.46 |
| "05/21/2001" "03:00:00" | 140 | 0.3322 | 1.512 | 52.49 | 50.49 |
| "05/21/2001" "04:00:00" | 140 | 0.3345 | 1.515 | 52.74 | 50.54 |
| "05/21/2001" "05:00:00" | 140 | 0.3346 | 1.515 | 52.75 | 50.60 |
| "05/21/2001" "06:00:00" | 140 | 0.3357 | 1.516 | 52.87 | 50.65 |
| "05/21/2001" "07:00:00" | 140 | 0.3287 | 1.509 | 52.11 | 50.71 |
| "05/21/2001" "08:00:00" | 140 | 0.3136 | 1.494 | 50.45 | 50.70 |
| "05/21/2001" "09:00:00" | 140 | 0.3017 | 1.482 | 49.14 | 50.79 |
| "05/21/2001" "10:00:00" | 140 | 0.3026 | 1.483 | 49.24 | 50.89 |
| "05/21/2001" "11:00:00" | 140 | 0.3044 | 1.484 | 49.43 | 50.95 |
| "05/21/2001" "12:00:00" | 140 | 0.3053 | 1.485 | 49.53 | 50.98 |
| "05/21/2001" "13:00:00" | 140 | 0.3084 | 1.488 | 49.87 | 51.03 |
| "05/21/2001" "14:00:00" | 140 | 0.3139 | 1.494 | 50.48 | 51.09 |
| "05/21/2001" "15:00:00" | 140 | 0.3168 | 1.497 | 50.80 | 51.09 |
| "05/21/2001" "16:00:00" | 140 | 0.3179 | 1.498 | 50.92 | 51.06 |
| "05/21/2001" "17:00:00" | 140 | 0.3177 | 1.498 | 50.90 | 51.00 |
| "05/21/2001" "18:00:00" | 140 | 0.3185 | 1.499 | 50.98 | 50.95 |
| "05/21/2001" "19:00:00" | 140 | 0.3058 | 1.486 | 49.59 | 50.88 |
| "05/21/2001" "20:00:00" | 140 | 0.3241 | 1.504 | 51.60 | 50.84 |
| "05/21/2001" "21:00:00" | 140 | 0.328 | 1.508 | 52.03 | 50.84 |
| "05/21/2001" "22:00:00" | 140 | 0.3225 | 1.503 | 51.42 | 50.87 |
| "05/21/2001" "23:00:00" | 140 | 0.3195 | 1.500 | 51.09 | 50.91 |
| "05/22/2001" "00:00:00" | 141 | 0.3256 | 1.506 | 51.76 | 50.93 |
| "05/22/2001" "01:00:00" | 141 | 0.331 | 1.511 | 52.36 | 50.93 |
| "05/22/2001" "02:00:00" | 141 | 0.3244 | 1.504 | 51.63 | 50.89 |
| "05/22/2001" "03:00:00" | 141 | 0.3243 | 1.504 | 51.62 | 50.81 |
| "05/22/2001" "04:00:00" | 141 | 0.3223 | 1.502 | 51.40 | 50.62 |
| "05/22/2001" "05:00:00" | 141 | 0.3228 | 1.503 | 51.46 | 50.31 |
| "05/22/2001" "06:00:00" | 141 | 0.3222 | 1.502 | 51.39 | 49.94 |
| "05/22/2001" "07:00:00" | 141 | 0.32 | 1.500 | 51.15 | 49.49 |
| "05/22/2001" "08:00:00" | 141 | 0.3122 | 1.492 | 50.29 | 48.95 |
| "05/22/2001" "09:00:00" | 141 | 0.3091 | 1.489 | 49.95 | 48.93 |
| "05/22/2001" "10:00:00" | 141 | 0.3108 | 1.491 | 50.14 | 48.97 |
| "05/22/2001" "11:00:00" | 141 | 0.3098 | 1.490 | 50.03 | 49.02 |
| "05/22/2001" "12:00:00" | 141 | 0.3049 | 1.485 | 49.49 | 49.09 |
| "05/22/2001" "13:00:00" | 141 | 0.3003 | 1.480 | 48.98 | 49.12 |
| "05/22/2001" "14:00:00" | 141 | 0.2946 | 1.475 | 48.36 | 49.14 |
| "05/22/2001" "15:00:00" | 141 | 0.2768 | 1.457 | 46.40 | 49.18 |
| "05/22/2001" "16:00:00" | 141 | 0.2497 | 1.430 | 43.42 | 49.23 |
| "05/22/2001" "17:00:00" | 141 | 0.2358 | 1.416 | 41.90 | 49.28 |
| "05/22/2001" "18:00:00" | 141 | 0.2207 | 1.401 | 40.24 | 49.33 |
| "05/22/2001" "19:00:00" | 141 | 0.1891 | 1.369 | 36.76 | 49.37 |
| "05/22/2001" "20:00:00" | 141 | 0.3195 | 1.500 | 51.09 | 49.41 |
| "05/22/2001" "21:00:00" | 141 | 0.3353 | 1.515 | 52.83 | 49.45 |
| "05/22/2001" "22:00:00" | 141 | 0.3346 | 1.515 | 52.75 | 49.48 |
| "05/22/2001" "23:00:00" | 141 | 0.3336 | 1.514 | 52.64 | 49.49 |
| "05/23/2001" "00:00:00" | 142 | 0.3333 | 1.513 | 52.61 | 49.50 |
| "05/23/2001" "01:00:00" | 142 | 0.3341 | 1.514 | 52.70 | 49.48 |

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| "05/23/2001" "02:00:00" | 142 | 0.3344 | 1.514 | 52.73 | 49.37 |
| "05/23/2001" "03:00:00" | 142 | 0.3339 | 1.514 | 52.68 | 49.07 |
| "05/23/2001" "04:00:00" | 142 | 0.3333 | 1.513 | 52.61 | 48.78 |
| "05/23/2001" "05:00:00" | 142 | 0.3351 | 1.515 | 52.81 | 48.65 |
| "05/23/2001" "06:00:00" | 142 | 0.331 | 1.511 | 52.36 | 48.76 |
| "05/23/2001" "07:00:00" | 142 | 0.3286 | 1.509 | 52.09 | 48.99 |
| "05/23/2001" "08:00:00" | 142 | 0.3213 | 1.501 | 51.29 | 49.19 |
| "05/23/2001" "09:00:00" | 142 | 0.315 | 1.495 | 50.60 | 49.18 |
| "05/23/2001" "10:00:00" | 142 | 0.313 | 1.493 | 50.38 | 49.16 |
| "05/23/2001" "11:00:00" | 142 | 0.3114 | 1.491 | 50.20 | 49.15 |
| "05/23/2001" "12:00:00" | 142 | 0.3012 | 1.481 | 49.08 | 49.15 |
| "05/23/2001" "13:00:00" | 142 | 0.2768 | 1.457 | 46.40 | 49.14 |
| "05/23/2001" "14:00:00" | 142 | 0.2283 | 1.408 | 41.07 | 49.13 |
| "05/23/2001" "15:00:00" | 142 | 0.2128 | 1.393 | 39.37 | 49.11 |
| "05/23/2001" "16:00:00" | 142 | 0.2211 | 1.401 | 40.28 | 49.11 |
| "05/23/2001" "17:00:00" | 142 | 0.2602 | 1.440 | 44.58 | 49.10 |
| "05/23/2001" "18:00:00" | 142 | 0.2715 | 1.452 | 45.82 | 49.08 |
| "05/23/2001" "19:00:00" | 142 | 0.2321 | 1.412 | 41.49 | 49.09 |
| "05/23/2001" "20:00:00" | 142 | 0.3171 | 1.497 | 50.83 | 49.09 |
| "05/23/2001" "21:00:00" | 142 | 0.3318 | 1.512 | 52.45 | 49.08 |
| "05/23/2001" "22:00:00" | 142 | 0.3327 | 1.513 | 52.54 | 49.10 |
| "05/23/2001" "23:00:00" | 142 | 0.3338 | 1.514 | 52.67 | 49.10 |
| "05/24/2001" "00:00:00" | 143 | 0.3316 | 1.512 | 52.42 | 49.10 |
| "05/24/2001" "01:00:00" | 143 | 0.3316 | 1.512 | 52.42 | 49.11 |
| "05/24/2001" "02:00:00" | 143 | 0.3304 | 1.510 | 52.29 | 49.17 |
| "05/24/2001" "03:00:00" | 143 | 0.3323 | 1.512 | 52.50 | 49.28 |
| "05/24/2001" "04:00:00" | 143 | 0.3312 | 1.511 | 52.38 | 49.56 |
| "05/24/2001" "05:00:00" | 143 | 0.3317 | 1.512 | 52.43 | 49.79 |
| "05/24/2001" "06:00:00" | 143 | 0.3324 | 1.512 | 52.51 | 49.96 |
| "05/24/2001" "07:00:00" | 143 | 0.3292 | 1.509 | 52.16 | 50.12 |
| "05/24/2001" "08:00:00" | 143 | 0.3199 | 1.500 | 51.14 | 50.36 |
| "05/24/2001" "09:00:00" | 143 | 0.3177 | 1.498 | 50.90 | 50.41 |
| "05/24/2001" "10:00:00" | 143 | 0.3143 | 1.494 | 50.52 | 50.41 |
| "05/24/2001" "11:00:00" | 143 | 0.3109 | 1.491 | 50.15 | 50.40 |
| "05/24/2001" "12:00:00" | 143 | 0.3023 | 1.482 | 49.20 | 50.39 |
| "05/24/2001" "13:00:00" | 143 | 0.2905 | 1.471 | 47.91 | 50.38 |
| "05/24/2001" "14:00:00" | 143 | 0.2523 | 1.432 | 43.71 | 50.37 |
| "05/24/2001" "15:00:00" | 143 | 0.2737 | 1.454 | 46.06 | 50.37 |
| "05/24/2001" "16:00:00" | 143 | 0.2726 | 1.453 | 45.94 | 50.37 |
| "05/24/2001" "17:00:00" | 143 | 0.2961 | 1.476 | 48.52 | 50.37 |
| "05/24/2001" "18:00:00" | 143 | 0.3066 | 1.487 | 49.68 | 50.37 |
| "05/24/2001" "19:00:00" | 143 | 0.2839 | 1.464 | 47.18 | 50.36 |
| "05/24/2001" "20:00:00" | 143 | 0.33 | 1.510 | 52.25 | 50.34 |
| "05/24/2001" "21:00:00" | 143 | 0.3315 | 1.512 | 52.41 | 50.36 |
| "05/24/2001" "22:00:00" | 143 | 0.3299 | 1.510 | 52.24 | 50.37 |
| "05/24/2001" "23:00:00" | 143 | 0.3307 | 1.511 | 52.33 | 50.38 |
| "05/25/2001" "00:00:00" | 144 | 0.3305 | 1.511 | 52.30 | 50.40 |
| "05/25/2001" "01:00:00" | 144 | 0.3299 | 1.510 | 52.24 | 50.46 |
| "05/25/2001" "02:00:00" | 144 | 0.3301 | 1.510 | 52.26 | 50.54 |
| "05/25/2001" "03:00:00" | 144 | 0.3315 | 1.512 | 52.41 | 50.77 |
| "05/25/2001" "04:00:00" | 144 | 0.3321 | 1.512 | 52.48 | 50.76 |
| "05/25/2001" "05:00:00" | 144 | 0.332 | 1.512 | 52.47 | 50.78 |
| "05/25/2001" "06:00:00" | 144 | 0.3301 | 1.510 | 52.26 | 50.58 |
| "05/25/2001" "07:00:00" | 144 | 0.3248 | 1.505 | 51.68 | 50.44 |
| "05/25/2001" "08:00:00" | 144 | 0.3238 | 1.504 | 51.57 | 50.56 |
| "05/25/2001" "09:00:00" | 144 | 0.319 | 1.499 | 51.04 | 50.59 |
| "05/25/2001" "10:00:00" | 144 | 0.3164 | 1.496 | 50.75 | 50.62 |
| "05/25/2001" "11:00:00" | 144 | 0.3166 | 1.497 | 50.78 | 50.63 |
| "05/25/2001" "12:00:00" | 144 | 0.3138 | 1.494 | 50.47 | 50.64 |
| "05/25/2001" "13:00:00" | 144 | 0.3098 | 1.490 | 50.03 | 50.67 |
| "05/25/2001" "14:00:00" | 144 | 0.3012 | 1.481 | 49.08 | 50.67 |
| "05/25/2001" "15:00:00" | 144 | 0.272 | 1.452 | 45.87 | 50.68 |

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| "05/25/2001" "16:00:00" | 144 | 0.2761 | 1.456 | 46.33 | 50.68 |
| "05/25/2001" "17:00:00" | 144 | 0.2539 | 1.434 | 43.89 | 50.69 |
| "05/25/2001" "18:00:00" | 144 | 0.2749 | 1.455 | 46.19 | 50.71 |
| "05/25/2001" "19:00:00" | 144 | 0.3113 | 1.491 | 50.19 | 50.71 |
| "05/25/2001" "20:00:00" | 144 | 0.336 | 1.516 | 52.91 | 50.74 |
| "05/25/2001" "21:00:00" | 144 | 0.3371 | 1.517 | 53.03 | 50.77 |
| "05/25/2001" "22:00:00" | 144 | 0.3336 | 1.514 | 52.64 | 50.82 |
| "05/25/2001" "23:00:00" | 144 | 0.3318 | 1.512 | 52.45 | 50.86 |
| "05/26/2001" "00:00:00" | 145 | 0.3366 | 1.517 | 52.97 | 50.90 |
| "05/26/2001" "01:00:00" | 145 | 0.3312 | 1.511 | 52.38 | 50.96 |
| "05/26/2001" "02:00:00" | 145 | 0.3319 | 1.512 | 52.46 | 51.02 |
| "05/26/2001" "03:00:00" | 145 | 0.3322 | 1.512 | 52.49 | 51.13 |
| "05/26/2001" "04:00:00" | 145 | 0.3326 | 1.513 | 52.53 | 51.40 |
| "05/26/2001" "05:00:00" | 145 | 0.3368 | 1.517 | 53.00 | 51.61 |
| "05/26/2001" "06:00:00" | 145 | 0.3314 | 1.511 | 52.40 | 51.89 |
| "05/26/2001" "07:00:00" | 145 | 0.3317 | 1.512 | 52.43 | 52.11 |
| "05/26/2001" "08:00:00" | 145 | 0.3301 | 1.510 | 52.26 | 52.20 |
| "05/26/2001" "09:00:00" | 145 | 0.3283 | 1.508 | 52.06 | 52.21 |
| "05/26/2001" "10:00:00" | 145 | 0.3268 | 1.507 | 51.90 | 52.22 |
| "05/26/2001" "11:00:00" | 145 | 0.3252 | 1.505 | 51.72 | 52.25 |
| "05/26/2001" "12:00:00" | 145 | 0.3262 | 1.506 | 51.83 | 52.30 |
| "05/26/2001" "13:00:00" | 145 | 0.3238 | 1.504 | 51.57 | 52.35 |
| "05/26/2001" "14:00:00" | 145 | 0.3253 | 1.505 | 51.73 | 52.39 |
| "05/26/2001" "15:00:00" | 145 | 0.3289 | 1.509 | 52.13 | 52.46 |
| "05/26/2001" "16:00:00" | 145 | 0.3221 | 1.502 | 51.38 | 52.52 |
| "05/26/2001" "17:00:00" | 145 | 0.3153 | 1.495 | 50.63 | 52.59 |
| "05/26/2001" "18:00:00" | 145 | 0.3237 | 1.504 | 51.56 | 52.64 |
| "05/26/2001" "19:00:00" | 145 | 0.331 | 1.511 | 52.36 | 52.72 |
| "05/26/2001" "20:00:00" | 145 | 0.3372 | 1.517 | 53.04 | 52.78 |
| "05/26/2001" "21:00:00" | 145 | 0.3393 | 1.519 | 53.27 | 52.78 |
| "05/26/2001" "22:00:00" | 145 | 0.3418 | 1.522 | 53.54 | 52.78 |
| "05/26/2001" "23:00:00" | 145 | 0.3426 | 1.523 | 53.63 | 52.78 |
| "05/27/2001" "00:00:00" | 146 | 0.3464 | 1.526 | 54.05 | 52.77 |
| "05/27/2001" "01:00:00" | 146 | 0.341 | 1.521 | 53.46 | 52.75 |
| "05/27/2001" "02:00:00" | 146 | 0.3459 | 1.526 | 54.00 | 52.72 |
| "05/27/2001" "03:00:00" | 146 | 0.347 | 1.527 | 54.12 | 52.66 |
| "05/27/2001" "04:00:00" | 146 | 0.3465 | 1.527 | 54.06 | 52.55 |
| "05/27/2001" "05:00:00" | 146 | 0.348 | 1.528 | 54.23 | 52.58 |
| "05/27/2001" "06:00:00" | 146 | 0.3492 | 1.529 | 54.36 | 52.62 |
| "05/27/2001" "07:00:00" | 146 | 0.3437 | 1.524 | 53.75 | 52.64 |
| "05/27/2001" "08:00:00" | 146 | 0.3309 | 1.511 | 52.35 | 52.66 |
| "05/27/2001" "09:00:00" | 146 | 0.3293 | 1.509 | 52.17 | 52.63 |
| "05/27/2001" "10:00:00" | 146 | 0.3259 | 1.506 | 51.80 | 52.61 |
| "05/27/2001" "11:00:00" | 146 | 0.3234 | 1.503 | 51.52 | 52.57 |
| "05/27/2001" "12:00:00" | 146 | 0.3214 | 1.501 | 51.30 | 52.53 |
| "05/27/2001" "13:00:00" | 146 | 0.3171 | 1.497 | 50.83 | 52.47 |
| "05/27/2001" "14:00:00" | 146 | 0.3114 | 1.491 | 50.20 | 52.44 |
| "05/27/2001" "15:00:00" | 146 | 0.3057 | 1.486 | 49.58 | 52.35 |
| "05/27/2001" "16:00:00" | 146 | 0.328 | 1.508 | 52.03 | 52.26 |
| "05/27/2001" "17:00:00" | 146 | 0.3257 | 1.506 | 51.78 | 52.15 |
| "05/27/2001" "18:00:00" | 146 | 0.3281 | 1.508 | 52.04 | 52.06 |
| "05/27/2001" "19:00:00" | 146 | 0.3341 | 1.514 | 52.70 | 51.95 |
| "05/27/2001" "20:00:00" | 146 | 0.332 | 1.512 | 52.47 | 51.87 |
| "05/27/2001" "21:00:00" | 146 | 0.3331 | 1.513 | 52.59 | 51.81 |
| "05/27/2001" "22:00:00" | 146 | 0.3331 | 1.513 | 52.59 | 51.75 |
| "05/27/2001" "23:00:00" | 146 | 0.3341 | 1.514 | 52.70 | 51.68 |
| "05/28/2001" "00:00:00" | 147 | 0.3342 | 1.514 | 52.71 | 51.63 |
| "05/28/2001" "01:00:00" | 147 | 0.3333 | 1.513 | 52.61 | 51.57 |
| "05/28/2001" "02:00:00" | 147 | 0.3281 | 1.508 | 52.04 | 51.52 |
| "05/28/2001" "03:00:00" | 147 | 0.3253 | 1.505 | 51.73 | 51.51 |
| "05/28/2001" "04:00:00" | 147 | 0.3243 | 1.504 | 51.62 | 51.50 |
| "05/28/2001" "05:00:00" | 147 | 0.3265 | 1.507 | 51.86 | 51.39 |

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| "05/28/2001" "06:00:00" | 147 | 0.3269 | 1.507 | 51.91 | 51.34 |
| "05/28/2001" "07:00:00" | 147 | 0.3252 | 1.505 | 51.72 | 51.25 |
| "05/28/2001" "08:00:00" | 147 | 0.3176 | 1.498 | 50.89 | 51.11 |
| "05/28/2001" "09:00:00" | 147 | 0.3157 | 1.496 | 50.68 | 51.00 |
| "05/28/2001" "10:00:00" | 147 | 0.3107 | 1.491 | 50.13 | 50.87 |
| "05/28/2001" "11:00:00" | 147 | 0.3132 | 1.493 | 50.40 | 50.75 |
| "05/28/2001" "12:00:00" | 147 | 0.3087 | 1.489 | 49.91 | 50.64 |
| "05/28/2001" "13:00:00" | 147 | 0.3066 | 1.487 | 49.68 | 50.55 |
| "05/28/2001" "14:00:00" | 147 | 0.308 | 1.488 | 49.83 | 50.46 |
| "05/28/2001" "15:00:00" | 147 | 0.3051 | 1.485 | 49.51 | 50.40 |
| "05/28/2001" "16:00:00" | 147 | 0.303 | 1.483 | 49.28 | 50.35 |
| "05/28/2001" "17:00:00" | 147 | 0.314 | 1.494 | 50.49 | 50.29 |
| "05/28/2001" "18:00:00" | 147 | 0.3082 | 1.488 | 49.85 | 50.24 |
| "05/28/2001" "19:00:00" | 147 | 0.3045 | 1.485 | 49.45 | 50.19 |
| "05/28/2001" "20:00:00" | 147 | 0.3081 | 1.488 | 49.84 | 50.14 |
| "05/28/2001" "21:00:00" | 147 | 0.3054 | 1.485 | 49.54 | 50.12 |
| "05/28/2001" "22:00:00" | 147 | 0.3063 | 1.486 | 49.64 | 50.05 |
| "05/28/2001" "23:00:00" | 147 | 0.3101 | 1.490 | 50.06 | 50.01 |
| "05/29/2001" "00:00:00" | 148 | 0.3134 | 1.493 | 50.42 | 49.94 |
| "05/29/2001" "01:00:00" | 148 | 0.3136 | 1.494 | 50.45 | 49.86 |
| "05/29/2001" "02:00:00" | 148 | 0.3149 | 1.495 | 50.59 | 49.81 |
| "05/29/2001" "03:00:00" | 148 | 0.3148 | 1.495 | 50.58 | 49.74 |
| "05/29/2001" "04:00:00" | 148 | 0.3129 | 1.493 | 50.37 | 49.65 |
| "05/29/2001" "05:00:00" | 148 | 0.3142 | 1.494 | 50.51 | 49.56 |
| "05/29/2001" "06:00:00" | 148 | 0.3156 | 1.496 | 50.67 | 49.40 |
| "05/29/2001" "07:00:00" | 148 | 0.3157 | 1.496 | 50.68 | 49.26 |
| "05/29/2001" "08:00:00" | 148 | 0.3125 | 1.493 | 50.33 | 49.15 |
| "05/29/2001" "09:00:00" | 148 | 0.3004 | 1.480 | 49.00 | 49.04 |
| "05/29/2001" "10:00:00" | 148 | 0.3019 | 1.482 | 49.16 | 48.95 |
| "05/29/2001" "11:00:00" | 148 | 0.297 | 1.477 | 48.62 | 48.83 |
| "05/29/2001" "12:00:00" | 148 | 0.2925 | 1.473 | 48.13 | 48.71 |
| "05/29/2001" "13:00:00" | 148 | 0.2953 | 1.475 | 48.43 | 48.59 |
| "05/29/2001" "14:00:00" | 148 | 0.2928 | 1.473 | 48.16 | 48.47 |
| "05/29/2001" "15:00:00" | 148 | 0.2854 | 1.465 | 47.35 | 48.35 |
| "05/29/2001" "16:00:00" | 148 | 0.2825 | 1.463 | 47.03 | 48.23 |
| "05/29/2001" "17:00:00" | 148 | 0.2792 | 1.459 | 46.67 | 48.12 |
| "05/29/2001" "18:00:00" | 148 | 0.2791 | 1.459 | 46.65 | 48.01 |
| "05/29/2001" "19:00:00" | 148 | 0.2808 | 1.461 | 46.84 | 47.90 |
| "05/29/2001" "20:00:00" | 148 | 0.2841 | 1.464 | 47.20 | 47.82 |
| "05/29/2001" "21:00:00" | 148 | 0.2837 | 1.464 | 47.16 | 47.69 |
| "05/29/2001" "22:00:00" | 148 | 0.2804 | 1.460 | 46.80 | 47.55 |
| "05/29/2001" "23:00:00" | 148 | 0.2854 | 1.465 | 47.35 | 47.39 |
| "05/30/2001" "00:00:00" | 149 | 0.2865 | 1.467 | 47.47 | 47.23 |
| "05/30/2001" "01:00:00" | 149 | 0.2863 | 1.466 | 47.45 | 47.09 |
| "05/30/2001" "02:00:00" | 149 | 0.29 | 1.470 | 47.85 | 46.92 |
| "05/30/2001" "03:00:00" | 149 | 0.2887 | 1.469 | 47.71 | 46.74 |
| "05/30/2001" "04:00:00" | 149 | 0.2877 | 1.468 | 47.60 | 46.57 |
| "05/30/2001" "05:00:00" | 149 | 0.2904 | 1.470 | 47.90 | 46.40 |
| "05/30/2001" "06:00:00" | 149 | 0.2912 | 1.471 | 47.98 | 46.24 |
| "05/30/2001" "07:00:00" | 149 | 0.3001 | 1.480 | 48.96 | 46.07 |
| "05/30/2001" "08:00:00" | 149 | 0.2832 | 1.463 | 47.11 | 45.88 |
| "05/30/2001" "09:00:00" | 149 | 0.2694 | 1.449 | 45.59 | 45.69 |
| "05/30/2001" "10:00:00" | 149 | 0.2678 | 1.448 | 45.41 | 45.49 |
| "05/30/2001" "11:00:00" | 149 | 0.262 | 1.442 | 44.78 | 45.33 |
| "05/30/2001" "12:00:00" | 149 | 0.2617 | 1.442 | 44.74 | 45.13 |
| "05/30/2001" "13:00:00" | 149 | 0.259 | 1.439 | 44.45 | 44.92 |
| "05/30/2001" "14:00:00" | 149 | 0.253 | 1.433 | 43.79 | 44.71 |
| "05/30/2001" "15:00:00" | 149 | 0.2481 | 1.428 | 43.25 | 44.48 |
| "05/30/2001" "16:00:00" | 149 | 0.244 | 1.424 | 42.80 | 44.26 |
| "05/30/2001" "17:00:00" | 149 | 0.2445 | 1.425 | 42.85 | 44.05 |
| "05/30/2001" "18:00:00" | 149 | 0.2422 | 1.422 | 42.60 | 43.83 |
| "05/30/2001" "19:00:00" | 149 | 0.2393 | 1.419 | 42.28 | 43.61 |

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| "05/30/2001" "20:00:00" | 149 | 0.2423 | 1.422 | 42.61 | 43.37 |
| "05/30/2001" "21:00:00" | 149 | 0.2411 | 1.421 | 42.48 | 43.17 |
| "05/30/2001" "22:00:00" | 149 | 0.2447 | 1.425 | 42.87 | 43.00 |
| "05/30/2001" "23:00:00" | 149 | 0.2412 | 1.421 | 42.49 | 42.82 |
| "05/31/2001" "00:00:00" | 150 | 0.2419 | 1.422 | 42.57 | 42.66 |
| "05/31/2001" "01:00:00" | 150 | 0.2407 | 1.421 | 42.44 | 42.49 |
| "05/31/2001" "02:00:00" | 150 | 0.2402 | 1.420 | 42.38 | 42.33 |
| "05/31/2001" "03:00:00" | 150 | 0.2405 | 1.421 | 42.41 | 42.20 |
| "05/31/2001" "04:00:00" | 150 | 0.2416 | 1.422 | 42.53 | 42.08 |
| "05/31/2001" "05:00:00" | 150 | 0.2407 | 1.421 | 42.44 | 41.96 |
| "05/31/2001" "06:00:00" | 150 | 0.245 | 1.425 | 42.91 | 41.83 |
| "05/31/2001" "07:00:00" | 150 | 0.2477 | 1.428 | 43.20 | 41.70 |
| "05/31/2001" "08:00:00" | 150 | 0.2393 | 1.419 | 42.28 | 41.52 |
| "05/31/2001" "09:00:00" | 150 | 0.2317 | 1.412 | 41.45 | 41.42 |
| "05/31/2001" "10:00:00" | 150 | 0.2283 | 1.408 | 41.07 | 41.37 |
| "05/31/2001" "11:00:00" | 150 | 0.2273 | 1.407 | 40.96 | 41.30 |
| "05/31/2001" "12:00:00" | 150 | 0.2247 | 1.405 | 40.68 | 41.24 |
| "05/31/2001" "13:00:00" | 150 | 0.2238 | 1.404 | 40.58 | 41.20 |
| "05/31/2001" "14:00:00" | 150 | 0.2241 | 1.404 | 40.61 | 41.17 |
| "05/31/2001" "15:00:00" | 150 | 0.2217 | 1.402 | 40.35 | 41.16 |
| "05/31/2001" "16:00:00" | 150 | 0.2184 | 1.398 | 39.98 | 41.14 |
| "05/31/2001" "17:00:00" | 150 | 0.2171 | 1.397 | 39.84 | 41.13 |
| "05/31/2001" "18:00:00" | 150 | 0.2135 | 1.394 | 39.45 | 41.14 |
| "05/31/2001" "19:00:00" | 150 | 0.199 | 1.379 | 37.85 | 41.07 |
| "05/31/2001" "20:00:00" | 150 | 0.2213 | 1.401 | 40.30 | 41.00 |
| "05/31/2001" "21:00:00" | 150 | 0.2302 | 1.410 | 41.28 | 40.95 |
| "05/31/2001" "22:00:00" | 150 | 0.2292 | 1.409 | 41.17 | 40.89 |
| "05/31/2001" "23:00:00" | 150 | 0.2272 | 1.407 | 40.95 | 40.86 |
| "06/01/2001" "00:00:00" | 151 | 0.2334 | 1.413 | 41.63 | 40.86 |
| "06/01/2001" "01:00:00" | 151 | 0.2348 | 1.415 | 41.79 | 40.83 |
| "06/01/2001" "02:00:00" | 151 | 0.2369 | 1.417 | 42.02 | 40.67 |
| "06/01/2001" "03:00:00" | 151 | 0.2379 | 1.418 | 42.13 | 40.31 |
| "06/01/2001" "04:00:00" | 151 | 0.2391 | 1.419 | 42.26 | 39.82 |
| "06/01/2001" "05:00:00" | 151 | 0.2414 | 1.421 | 42.51 | 39.30 |
| "06/01/2001" "06:00:00" | 151 | 0.2307 | 1.411 | 41.34 | 38.90 |
| "06/01/2001" "07:00:00" | 151 | 0.2319 | 1.412 | 41.47 | 38.75 |
| "06/01/2001" "08:00:00" | 151 | 0.2286 | 1.409 | 41.11 | 38.97 |
| "06/01/2001" "09:00:00" | 151 | 0.2193 | 1.399 | 40.08 | 39.04 |
| "06/01/2001" "10:00:00" | 151 | 0.2216 | 1.402 | 40.34 | 39.12 |
| "06/01/2001" "11:00:00" | 151 | 0.2265 | 1.407 | 40.87 | 39.20 |
| "06/01/2001" "12:00:00" | 151 | 0.218 | 1.398 | 39.94 | 39.38 |
| "06/01/2001" "13:00:00" | 151 | 0.1901 | 1.370 | 36.87 | 39.50 |
| "06/01/2001" "14:00:00" | 151 | 0.1451 | 1.325 | 31.93 | 39.43 |
| "06/01/2001" "15:00:00" | 151 | 0.1139 | 1.294 | 28.50 | 39.50 |
| "06/01/2001" "16:00:00" | 151 | 0.1051 | 1.285 | 27.53 | 39.55 |
| "06/01/2001" "17:00:00" | 151 | 0.1291 | 1.309 | 30.17 | 39.60 |
| "06/01/2001" "18:00:00" | 151 | 0.182 | 1.362 | 35.98 | 39.56 |
| "06/01/2001" "19:00:00" | 151 | 0.2468 | 1.427 | 43.11 | 39.57 |
| "06/01/2001" "20:00:00" | 151 | 0.2373 | 1.417 | 42.06 | 39.55 |
| "06/01/2001" "21:00:00" | 151 | 0.2473 | 1.427 | 43.16 | 39.56 |
| "06/01/2001" "22:00:00" | 151 | 0.2468 | 1.427 | 43.11 | 39.60 |
| "06/01/2001" "23:00:00" | 151 | 0.2652 | 1.445 | 45.13 | 39.58 |
| "06/02/2001" "00:00:00" | 152 | 0.2598 | 1.440 | 44.53 | 39.54 |
| "06/02/2001" "01:00:00" | 152 | 0.2199 | 1.400 | 40.15 | 39.53 |
| "06/02/2001" "02:00:00" | 152 | 0.2529 | 1.433 | 43.78 | 39.63 |
| "06/02/2001" "03:00:00" | 152 | 0.2489 | 1.429 | 43.34 | 39.94 |
| "06/02/2001" "04:00:00" | 152 | 0.2491 | 1.429 | 43.36 | 40.38 |
| "06/02/2001" "05:00:00" | 152 | 0.2329 | 1.413 | 41.58 | 40.87 |
| "06/02/2001" "06:00:00" | 152 | 0.2321 | 1.412 | 41.49 | 41.26 |
| "06/02/2001" "07:00:00" | 152 | 0.2293 | 1.409 | 41.18 | 41.38 |
| "06/02/2001" "08:00:00" | 152 | 0.2296 | 1.410 | 41.22 | 41.21 |
| "06/02/2001" "09:00:00" | 152 | 0.2282 | 1.408 | 41.06 | 41.10 |

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| "06/02/2001" "10:00:00" | 152 | 0.2168 | 1.397 | 39.81 | 40.94 |
| "06/02/2001" "11:00:00" | 152 | 0.2194 | 1.399 | 40.09 | 40.80 |
| "06/02/2001" "12:00:00" | 152 | 0.214 | 1.394 | 39.50 | 40.58 |
| "06/02/2001" "13:00:00" | 152 | 0.2132 | 1.393 | 39.41 | 40.39 |
| "06/02/2001" "14:00:00" | 152 | 0.2115 | 1.392 | 39.23 | 40.42 |
| "06/02/2001" "15:00:00" | 152 | 0.2115 | 1.392 | 39.23 | 40.26 |
| "06/02/2001" "16:00:00" | 152 | 0.2117 | 1.392 | 39.25 | 40.11 |
| "06/02/2001" "17:00:00" | 152 | 0.2131 | 1.393 | 39.40 | 39.96 |
| "06/02/2001" "18:00:00" | 152 | 0.2092 | 1.389 | 38.97 | 39.89 |
| "06/02/2001" "19:00:00" | 152 | 0.2091 | 1.389 | 38.96 | 39.81 |
| "06/02/2001" "20:00:00" | 152 | 0.213 | 1.393 | 39.39 | 39.73 |
| "06/02/2001" "21:00:00" | 152 | 0.2122 | 1.392 | 39.30 | 39.61 |
| "06/02/2001" "22:00:00" | 152 | 0.2162 | 1.396 | 39.74 | 39.47 |
| "06/02/2001" "23:00:00" | 152 | 0.2171 | 1.397 | 39.84 | 39.34 |
| "06/03/2001" "00:00:00" | 153 | 0.2194 | 1.399 | 40.09 | 39.17 |
| "06/03/2001" "01:00:00" | 153 | 0.2258 | 1.406 | 40.80 | 39.04 |
| "06/03/2001" "02:00:00" | 153 | 0.2185 | 1.399 | 40.00 | 38.90 |
| "06/03/2001" "03:00:00" | 153 | 0.216 | 1.396 | 39.72 | 38.74 |
| "06/03/2001" "04:00:00" | 153 | 0.2169 | 1.397 | 39.82 | 38.60 |
| "06/03/2001" "05:00:00" | 153 | 0.2168 | 1.397 | 39.81 | 38.47 |
| "06/03/2001" "06:00:00" | 153 | 0.2154 | 1.395 | 39.65 | 38.30 |
| "06/03/2001" "07:00:00" | 153 | 0.2121 | 1.392 | 39.29 | 38.15 |
| "06/03/2001" "08:00:00" | 153 | 0.2026 | 1.383 | 38.25 | 37.97 |
| "06/03/2001" "09:00:00" | 153 | 0.1973 | 1.377 | 37.67 | 37.77 |
| "06/03/2001" "10:00:00" | 153 | 0.1882 | 1.368 | 36.67 | 37.62 |
| "06/03/2001" "11:00:00" | 153 | 0.1836 | 1.364 | 36.16 | 37.47 |
| "06/03/2001" "12:00:00" | 153 | 0.1843 | 1.364 | 36.24 | 37.32 |
| "06/03/2001" "13:00:00" | 153 | 0.1825 | 1.363 | 36.04 | 37.18 |
| "06/03/2001" "14:00:00" | 153 | 0.1781 | 1.358 | 35.56 | 37.02 |
| "06/03/2001" "15:00:00" | 153 | 0.1803 | 1.360 | 35.80 | 36.91 |
| "06/03/2001" "16:00:00" | 153 | 0.1839 | 1.364 | 36.19 | 36.82 |
| "06/03/2001" "17:00:00" | 153 | 0.1757 | 1.356 | 35.29 | 36.72 |
| "06/03/2001" "18:00:00" | 153 | 0.177 | 1.357 | 35.44 | 36.59 |
| "06/03/2001" "19:00:00" | 153 | 0.1696 | 1.350 | 34.62 | 36.47 |
| "06/03/2001" "20:00:00" | 153 | 0.1687 | 1.349 | 34.52 | 36.35 |
| "06/03/2001" "21:00:00" | 153 | 0.1793 | 1.359 | 35.69 | 36.19 |
| "06/03/2001" "22:00:00" | 153 | 0.1832 | 1.363 | 36.12 | 36.04 |
| "06/03/2001" "23:00:00" | 153 | 0.185 | 1.365 | 36.31 | 35.90 |
| "06/04/2001" "00:00:00" | 154 | 0.1878 | 1.368 | 36.62 | 35.78 |
| "06/04/2001" "01:00:00" | 154 | 0.191 | 1.371 | 36.97 | 35.67 |
| "06/04/2001" "02:00:00" | 154 | 0.1938 | 1.374 | 37.28 | 35.56 |
| "06/04/2001" "03:00:00" | 154 | 0.1975 | 1.378 | 37.69 | 35.47 |
| "06/04/2001" "04:00:00" | 154 | 0.1939 | 1.374 | 37.29 | 35.32 |
| "06/04/2001" "05:00:00" | 154 | 0.1899 | 1.370 | 36.85 | 35.22 |
| "06/04/2001" "06:00:00" | 154 | 0.1882 | 1.368 | 36.67 | 35.14 |
| "06/04/2001" "07:00:00" | 154 | 0.1855 | 1.366 | 36.37 | 35.06 |
| "06/04/2001" "08:00:00" | 154 | 0.1691 | 1.349 | 34.57 | 34.99 |
| "06/04/2001" "09:00:00" | 154 | 0.1631 | 1.343 | 33.91 | 34.92 |
| "06/04/2001" "10:00:00" | 154 | 0.1588 | 1.339 | 33.44 | 34.77 |
| "06/04/2001" "11:00:00" | 154 | 0.1575 | 1.338 | 33.29 | 34.57 |
| "06/04/2001" "12:00:00" | 154 | 0.1592 | 1.339 | 33.48 | 34.36 |
| "06/04/2001" "13:00:00" | 154 | 0.1584 | 1.338 | 33.39 | 34.14 |
| "06/04/2001" "14:00:00" | 154 | 0.1601 | 1.340 | 33.58 | 33.93 |
| "06/04/2001" "15:00:00" | 154 | 0.1463 | 1.326 | 32.06 | 33.73 |
| "06/04/2001" "16:00:00" | 154 | 0.1617 | 1.342 | 33.75 | 33.53 |
| "06/04/2001" "17:00:00" | 154 | 0.16 | 1.340 | 33.57 | 33.33 |
| "06/04/2001" "18:00:00" | 154 | 0.1584 | 1.338 | 33.39 | 33.16 |
| "06/04/2001" "19:00:00" | 154 | 0.1542 | 1.334 | 32.93 | 33.00 |
| "06/04/2001" "20:00:00" | 154 | 0.1542 | 1.334 | 32.93 | 32.81 |
| "06/04/2001" "21:00:00" | 154 | 0.1458 | 1.326 | 32.01 | 32.62 |
| "06/04/2001" "22:00:00" | 154 | 0.139 | 1.319 | 31.26 | 32.46 |
| "06/04/2001" "23:00:00" | 154 | 0.1396 | 1.320 | 31.33 | 32.30 |

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| "06/05/2001" "00:00:00" | 155 | 0.1399 | 1.320 | 31.36 | 32.14 |
| "06/05/2001" "01:00:00" | 155 | 0.1452 | 1.325 | 31.94 | 31.94 |
| "06/05/2001" "02:00:00" | 155 | 0.15 | 1.330 | 32.47 | 31.73 |
| "06/05/2001" "03:00:00" | 155 | 0.1535 | 1.334 | 32.85 | 31.50 |
| "06/05/2001" "04:00:00" | 155 | 0.151 | 1.331 | 32.58 | 31.32 |
| "06/05/2001" "05:00:00" | 155 | 0.1518 | 1.332 | 32.67 | 31.08 |
| "06/05/2001" "06:00:00" | 155 | 0.1534 | 1.333 | 32.84 | 30.83 |
| "06/05/2001" "07:00:00" | 155 | 0.1446 | 1.325 | 31.87 | 30.56 |
| "06/05/2001" "08:00:00" | 155 | 0.1275 | 1.308 | 30.00 | 30.27 |
| "06/05/2001" "09:00:00" | 155 | 0.1272 | 1.307 | 29.96 | 30.00 |
| "06/05/2001" "10:00:00" | 155 | 0.124 | 1.304 | 29.61 | 29.78 |
| "06/05/2001" "11:00:00" | 155 | 0.1237 | 1.304 | 29.58 | 29.58 |
| "06/05/2001" "12:00:00" | 155 | 0.1151 | 1.295 | 28.63 | 29.40 |
| "06/05/2001" "13:00:00" | 155 | 0.1127 | 1.293 | 28.37 | 29.22 |
| "06/05/2001" "14:00:00" | 155 | 0.1096 | 1.290 | 28.03 | 29.04 |
| "06/05/2001" "15:00:00" | 155 | 0.1078 | 1.288 | 27.83 | 28.86 |
| "06/05/2001" "16:00:00" | 155 | 0.1092 | 1.289 | 27.98 | 28.67 |
| "06/05/2001" "17:00:00" | 155 | 0.1054 | 1.285 | 27.57 | 28.49 |
| "06/05/2001" "18:00:00" | 155 | 0.0999 | 1.280 | 26.96 | 28.30 |
| "06/05/2001" "19:00:00" | 155 | 0.0889 | 1.269 | 25.75 | 28.12 |
| "06/05/2001" "20:00:00" | 155 | 0.0964 | 1.276 | 26.58 | 27.97 |
| "06/05/2001" "21:00:00" | 155 | 0.0976 | 1.278 | 26.71 | 27.86 |
| "06/05/2001" "22:00:00" | 155 | 0.0962 | 1.276 | 26.56 | 27.71 |
| "06/05/2001" "23:00:00" | 155 | 0.0998 | 1.280 | 26.95 | 27.57 |
| "06/06/2001" "00:00:00" | 156 | 0.1007 | 1.281 | 27.05 | 27.43 |
| "06/06/2001" "01:00:00" | 156 | 0.1054 | 1.285 | 27.57 | 27.32 |
| "06/06/2001" "02:00:00" | 156 | 0.1103 | 1.290 | 28.11 | 27.23 |
| "06/06/2001" "03:00:00" | 156 | 0.1128 | 1.293 | 28.38 | 27.14 |
| "06/06/2001" "04:00:00" | 156 | 0.1105 | 1.291 | 28.13 | 27.04 |
| "06/06/2001" "05:00:00" | 156 | 0.111 | 1.291 | 28.18 | 26.91 |
| "06/06/2001" "06:00:00" | 156 | 0.1132 | 1.293 | 28.42 | 26.79 |
| "06/06/2001" "07:00:00" | 156 | 0.1133 | 1.293 | 28.44 | 26.68 |
| "06/06/2001" "08:00:00" | 156 | 0.1022 | 1.282 | 27.22 | 26.63 |
| "06/06/2001" "09:00:00" | 156 | 0.0956 | 1.276 | 26.49 | 26.53 |
| "06/06/2001" "10:00:00" | 156 | 0.0935 | 1.274 | 26.26 | 26.43 |
| "06/06/2001" "11:00:00" | 156 | 0.0932 | 1.273 | 26.23 | 26.33 |
| "06/06/2001" "12:00:00" | 156 | 0.0914 | 1.271 | 26.03 | 26.23 |
| "06/06/2001" "13:00:00" | 156 | 0.0922 | 1.272 | 26.12 | 26.13 |
| "06/06/2001" "14:00:00" | 156 | 0.0909 | 1.271 | 25.97 | 26.03 |
| "06/06/2001" "15:00:00" | 156 | 0.0845 | 1.265 | 25.27 | 25.92 |
| "06/06/2001" "16:00:00" | 156 | 0.0817 | 1.262 | 24.96 | 25.81 |
| "06/06/2001" "17:00:00" | 156 | 0.0785 | 1.259 | 24.61 | 25.71 |
| "06/06/2001" "18:00:00" | 156 | 0.0766 | 1.257 | 24.40 | 25.61 |
| "06/06/2001" "19:00:00" | 156 | 0.0766 | 1.257 | 24.40 | 25.51 |
| "06/06/2001" "20:00:00" | 156 | 0.0746 | 1.255 | 24.18 | 25.41 |
| "06/06/2001" "21:00:00" | 156 | 0.0763 | 1.256 | 24.37 | 25.31 |
| "06/06/2001" "22:00:00" | 156 | 0.0741 | 1.254 | 24.13 | 25.24 |
| "06/06/2001" "23:00:00" | 156 | 0.0783 | 1.258 | 24.59 | 25.17 |
| "06/07/2001" "00:00:00" | 157 | 0.0801 | 1.260 | 24.79 | 25.01 |
| "06/07/2001" "01:00:00" | 157 | 0.0833 | 1.263 | 25.14 | 24.82 |
| "06/07/2001" "02:00:00" | 157 | 0.0862 | 1.266 | 25.46 | 24.59 |
| "06/07/2001" "03:00:00" | 157 | 0.0882 | 1.268 | 25.68 | 24.28 |
| "06/07/2001" "04:00:00" | 157 | 0.088 | 1.268 | 25.66 | 23.78 |
| "06/07/2001" "05:00:00" | 157 | 0.0907 | 1.271 | 25.95 | 23.29 |
| "06/07/2001" "06:00:00" | 157 | 0.0911 | 1.271 | 26.00 | 22.81 |
| "06/07/2001" "07:00:00" | 157 | 0.0897 | 1.270 | 25.84 | 22.41 |
| "06/07/2001" "08:00:00" | 157 | 0.0822 | 1.262 | 25.02 | 21.98 |
| "06/07/2001" "09:00:00" | 157 | 0.079 | 1.259 | 24.67 | 21.81 |
| "06/07/2001" "10:00:00" | 157 | 0.0781 | 1.258 | 24.57 | 21.78 |
| "06/07/2001" "11:00:00" | 157 | 0.0585 | 1.239 | 22.41 | 21.76 |
| "06/07/2001" "12:00:00" | 157 | 0.0502 | 1.230 | 21.50 | 21.72 |
| "06/07/2001" "13:00:00" | 157 | 0.0415 | 1.222 | 20.55 | 21.69 |

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|-------------------------|-----|---------|-------|-------|-------|
| "06/07/2001" "14:00:00" | 157 | 0.0243 | 1.204 | 18.66 | 21.66 |
| "06/07/2001" "15:00:00" | 157 | -0.025 | 1.155 | 13.24 | 21.64 |
| "06/07/2001" "16:00:00" | 157 | -0.0254 | 1.155 | 13.19 | 21.62 |
| "06/07/2001" "17:00:00" | 157 | -0.0275 | 1.153 | 12.96 | 21.60 |
| "06/07/2001" "18:00:00" | 157 | -0.0093 | 1.171 | 14.96 | 21.58 |
| "06/07/2001" "19:00:00" | 157 | -0.0182 | 1.162 | 13.98 | 21.57 |
| "06/07/2001" "20:00:00" | 157 | 0.0383 | 1.218 | 20.19 | 21.55 |
| "06/07/2001" "21:00:00" | 157 | 0.0687 | 1.249 | 23.53 | 21.55 |
| "06/07/2001" "22:00:00" | 157 | 0.0696 | 1.250 | 23.63 | 21.55 |
| "06/07/2001" "23:00:00" | 157 | 0.0702 | 1.250 | 23.70 | 21.54 |
| "06/08/2001" "00:00:00" | 158 | 0.0739 | 1.254 | 24.11 | 21.61 |
| "06/08/2001" "01:00:00" | 158 | 0.0769 | 1.257 | 24.44 | 21.64 |
| "06/08/2001" "02:00:00" | 158 | 0.0808 | 1.261 | 24.86 | 21.33 |
| "06/08/2001" "03:00:00" | 158 | 0.0837 | 1.264 | 25.18 | 20.80 |
| "06/08/2001" "04:00:00" | 158 | 0.0837 | 1.264 | 25.18 | 20.42 |
| "06/08/2001" "05:00:00" | 158 | 0.0867 | 1.267 | 25.51 | 20.28 |
| "06/08/2001" "06:00:00" | 158 | 0.0887 | 1.269 | 25.73 | 20.35 |
| "06/08/2001" "07:00:00" | 158 | 0.0856 | 1.266 | 25.39 | 20.48 |
| "06/08/2001" "08:00:00" | 158 | 0.0828 | 1.263 | 25.08 | 20.45 |
| "06/08/2001" "09:00:00" | 158 | 0.0776 | 1.258 | 24.51 | 20.26 |
| "06/08/2001" "10:00:00" | 158 | 0.0763 | 1.256 | 24.37 | 20.26 |
| "06/08/2001" "11:00:00" | 158 | 0.0752 | 1.255 | 24.25 | 20.25 |
| "06/08/2001" "12:00:00" | 158 | 0.0565 | 1.237 | 22.19 | 20.25 |
| "06/08/2001" "13:00:00" | 158 | -0.0265 | 1.154 | 13.07 | 20.25 |
| "06/08/2001" "14:00:00" | 158 | -0.0909 | 1.089 | 6.00 | 20.24 |
| "06/08/2001" "15:00:00" | 158 | -0.109 | 1.071 | 4.01 | 20.21 |
| "06/08/2001" "16:00:00" | 158 | -0.0567 | 1.123 | 9.75 | 20.18 |
| "06/08/2001" "17:00:00" | 158 | -0.0109 | 1.169 | 14.79 | 20.15 |
| "06/08/2001" "18:00:00" | 158 | 0.0196 | 1.200 | 18.14 | 20.14 |
| "06/08/2001" "19:00:00" | 158 | -0.0259 | 1.154 | 13.14 | 20.07 |
| "06/08/2001" "20:00:00" | 158 | -0.003 | 1.177 | 15.66 | 20.02 |
| "06/08/2001" "21:00:00" | 158 | 0.068 | 1.248 | 23.46 | 19.97 |
| "06/08/2001" "22:00:00" | 158 | 0.0687 | 1.249 | 23.53 | 19.91 |
| "06/08/2001" "23:00:00" | 158 | 0.0708 | 1.251 | 23.76 | 19.85 |
| "06/09/2001" "00:00:00" | 159 | 0.0735 | 1.254 | 24.06 | 19.79 |
| "06/09/2001" "01:00:00" | 159 | 0.0731 | 1.253 | 24.02 | 19.80 |
| "06/09/2001" "02:00:00" | 159 | 0.0762 | 1.256 | 24.36 | 20.17 |
| "06/09/2001" "03:00:00" | 159 | 0.0762 | 1.256 | 24.36 | 20.83 |
| "06/09/2001" "04:00:00" | 159 | 0.0767 | 1.257 | 24.41 | 21.55 |
| "06/09/2001" "05:00:00" | 159 | 0.084 | 1.264 | 25.22 | 22.02 |
| "06/09/2001" "06:00:00" | 159 | 0.075 | 1.255 | 24.23 | 22.22 |
| "06/09/2001" "07:00:00" | 159 | 0.0748 | 1.255 | 24.20 | 22.29 |
| "06/09/2001" "08:00:00" | 159 | 0.0717 | 1.252 | 23.86 | 22.60 |
| "06/09/2001" "09:00:00" | 159 | 0.0649 | 1.245 | 23.12 | 22.84 |
| "06/09/2001" "10:00:00" | 159 | 0.0631 | 1.243 | 22.92 | 22.76 |
| "06/09/2001" "11:00:00" | 159 | 0.062 | 1.242 | 22.80 | 22.68 |
| "06/09/2001" "12:00:00" | 159 | 0.0576 | 1.238 | 22.31 | 22.60 |
| "06/09/2001" "13:00:00" | 159 | 0.0543 | 1.234 | 21.95 | 22.56 |
| "06/09/2001" "14:00:00" | 159 | 0.0532 | 1.233 | 21.83 | 22.53 |
| "06/09/2001" "15:00:00" | 159 | 0.0488 | 1.229 | 21.35 | 22.49 |
| "06/09/2001" "16:00:00" | 159 | 0.0449 | 1.225 | 20.92 | 22.46 |
| "06/09/2001" "17:00:00" | 159 | 0.0341 | 1.214 | 19.73 | 22.45 |
| "06/09/2001" "18:00:00" | 159 | 0.035 | 1.215 | 19.83 | 22.39 |
| "06/09/2001" "19:00:00" | 159 | 0.0406 | 1.221 | 20.45 | 22.38 |
| "06/09/2001" "20:00:00" | 159 | 0.049 | 1.229 | 21.37 | 22.37 |
| "06/09/2001" "21:00:00" | 159 | 0.0509 | 1.231 | 21.58 | 22.34 |
| "06/09/2001" "22:00:00" | 159 | 0.0512 | 1.231 | 21.61 | 22.31 |
| "06/09/2001" "23:00:00" | 159 | 0.0542 | 1.234 | 21.94 | 22.28 |
| "06/10/2001" "00:00:00" | 160 | 0.0636 | 1.244 | 22.97 | 22.24 |
| "06/10/2001" "01:00:00" | 160 | 0.067 | 1.247 | 23.35 | 22.22 |
| "06/10/2001" "02:00:00" | 160 | 0.0676 | 1.248 | 23.41 | 22.20 |
| "06/10/2001" "03:00:00" | 160 | 0.07 | 1.250 | 23.68 | 22.16 |

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|-------------------------|-----|--------|-------|-------|-------|
| "06/10/2001" "04:00:00" | 160 | 0.0739 | 1.254 | 24.11 | 22.09 |
| "06/10/2001" "05:00:00" | 160 | 0.0712 | 1.251 | 23.81 | 22.02 |
| "06/10/2001" "06:00:00" | 160 | 0.0733 | 1.253 | 24.04 | 22.01 |
| "06/10/2001" "07:00:00" | 160 | 0.0724 | 1.252 | 23.94 | 21.97 |
| "06/10/2001" "08:00:00" | 160 | 0.0643 | 1.244 | 23.05 | 21.95 |
| "06/10/2001" "09:00:00" | 160 | 0.0585 | 1.239 | 22.41 | 21.92 |
| "06/10/2001" "10:00:00" | 160 | 0.0577 | 1.238 | 22.33 | 21.91 |
| "06/10/2001" "11:00:00" | 160 | 0.0539 | 1.234 | 21.91 | 21.89 |
| "06/10/2001" "12:00:00" | 160 | 0.0516 | 1.232 | 21.66 | 21.87 |
| "06/10/2001" "13:00:00" | 160 | 0.0498 | 1.230 | 21.46 | 21.80 |
| "06/10/2001" "14:00:00" | 160 | 0.0442 | 1.224 | 20.84 | 21.74 |
| "06/10/2001" "15:00:00" | 160 | 0.0344 | 1.214 | 19.77 | 21.68 |
| "06/10/2001" "16:00:00" | 160 | 0.0305 | 1.211 | 19.34 | 21.61 |
| "06/10/2001" "17:00:00" | 160 | 0.0316 | 1.212 | 19.46 | 21.55 |
| "06/10/2001" "18:00:00" | 160 | 0.0265 | 1.207 | 18.90 | 21.51 |
| "06/10/2001" "19:00:00" | 160 | 0.035 | 1.215 | 19.83 | 21.47 |
| "06/10/2001" "20:00:00" | 160 | 0.043 | 1.223 | 20.71 | 21.44 |
| "06/10/2001" "21:00:00" | 160 | 0.0481 | 1.228 | 21.27 | 21.44 |
| "06/10/2001" "22:00:00" | 160 | 0.0474 | 1.227 | 21.19 | 21.42 |
| "06/10/2001" "23:00:00" | 160 | 0.0504 | 1.230 | 21.52 | 21.39 |
| "06/11/2001" "00:00:00" | 161 | 0.0488 | 1.229 | 21.35 | 21.37 |
| "06/11/2001" "01:00:00" | 161 | 0.0532 | 1.233 | 21.83 | 21.36 |
| "06/11/2001" "02:00:00" | 161 | 0.0541 | 1.234 | 21.93 | 21.37 |
| "06/11/2001" "03:00:00" | 161 | 0.0551 | 1.235 | 22.04 | 21.39 |
| "06/11/2001" "04:00:00" | 161 | 0.06 | 1.240 | 22.58 | 21.44 |
| "06/11/2001" "05:00:00" | 161 | 0.0627 | 1.243 | 22.87 | 21.51 |
| "06/11/2001" "06:00:00" | 161 | 0.0654 | 1.245 | 23.17 | 21.55 |
| "06/11/2001" "07:00:00" | 161 | 0.0651 | 1.245 | 23.14 | 21.62 |
| "06/11/2001" "08:00:00" | 161 | 0.064 | 1.244 | 23.02 | 21.65 |
| "06/11/2001" "09:00:00" | 161 | 0.0556 | 1.236 | 22.09 | 21.65 |
| "06/11/2001" "10:00:00" | 161 | 0.0509 | 1.231 | 21.58 | 21.63 |
| "06/11/2001" "11:00:00" | 161 | 0.0481 | 1.228 | 21.27 | 21.60 |
| "06/11/2001" "12:00:00" | 161 | 0.0501 | 1.230 | 21.49 | 21.59 |
| "06/11/2001" "13:00:00" | 161 | 0.0509 | 1.231 | 21.58 | 21.57 |
| "06/11/2001" "14:00:00" | 161 | 0.0489 | 1.229 | 21.36 | 21.56 |
| "06/11/2001" "15:00:00" | 161 | 0.0469 | 1.227 | 21.14 | 21.56 |
| "06/11/2001" "16:00:00" | 161 | 0.0444 | 1.224 | 20.86 | 21.55 |
| "06/11/2001" "17:00:00" | 161 | 0.0418 | 1.222 | 20.58 | 21.54 |
| "06/11/2001" "18:00:00" | 161 | 0.041 | 1.221 | 20.49 | 21.53 |
| "06/11/2001" "19:00:00" | 161 | 0.0411 | 1.221 | 20.50 | 21.51 |
| "06/11/2001" "20:00:00" | 161 | 0.0443 | 1.224 | 20.85 | 21.49 |
| "06/11/2001" "21:00:00" | 161 | 0.0422 | 1.222 | 20.62 | 21.49 |
| "06/11/2001" "22:00:00" | 161 | 0.0421 | 1.222 | 20.61 | 21.57 |
| "06/11/2001" "23:00:00" | 161 | 0.0475 | 1.228 | 21.20 | 21.68 |
| "06/12/2001" "00:00:00" | 162 | 0.0452 | 1.225 | 20.95 | 21.78 |
| "06/12/2001" "01:00:00" | 162 | 0.0503 | 1.230 | 21.51 | 21.86 |
| "06/12/2001" "02:00:00" | 162 | 0.0532 | 1.233 | 21.83 | 21.90 |
| "06/12/2001" "03:00:00" | 162 | 0.0532 | 1.233 | 21.83 | 22.00 |
| "06/12/2001" "04:00:00" | 162 | 0.0587 | 1.239 | 22.44 | 22.13 |
| "06/12/2001" "05:00:00" | 162 | 0.0602 | 1.240 | 22.60 | 22.32 |
| "06/12/2001" "06:00:00" | 162 | 0.0609 | 1.241 | 22.68 | 22.45 |
| "06/12/2001" "07:00:00" | 162 | 0.0602 | 1.240 | 22.60 | 22.54 |
| "06/12/2001" "08:00:00" | 162 | 0.064 | 1.244 | 23.02 | 22.58 |
| "06/12/2001" "09:00:00" | 162 | 0.0743 | 1.254 | 24.15 | 22.61 |
| "06/12/2001" "10:00:00" | 162 | 0.0748 | 1.255 | 24.20 | 22.67 |
| "06/12/2001" "11:00:00" | 162 | 0.0692 | 1.249 | 23.59 | 22.75 |
| "06/12/2001" "12:00:00" | 162 | 0.0686 | 1.249 | 23.52 | 22.83 |
| "06/12/2001" "13:00:00" | 162 | 0.0596 | 1.240 | 22.53 | 22.95 |
| "06/12/2001" "14:00:00" | 162 | 0.0691 | 1.249 | 23.58 | 23.06 |
| "06/12/2001" "15:00:00" | 162 | 0.0758 | 1.256 | 24.31 | 23.14 |
| "06/12/2001" "16:00:00" | 162 | 0.0854 | 1.265 | 25.37 | 23.19 |
| "06/12/2001" "17:00:00" | 162 | 0.0718 | 1.252 | 23.87 | 23.23 |

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|-------------------------|-----|---------|-------|-------|-------|
| "06/12/2001" "18:00:00" | 162 | 0.059 | 1.239 | 22.47 | 23.26 |
| "06/12/2001" "19:00:00" | 162 | 0.0515 | 1.232 | 21.64 | 23.29 |
| "06/12/2001" "20:00:00" | 162 | 0.0503 | 1.230 | 21.51 | 23.30 |
| "06/12/2001" "21:00:00" | 162 | 0.0542 | 1.234 | 21.94 | 23.25 |
| "06/12/2001" "22:00:00" | 162 | 0.0597 | 1.240 | 22.55 | 23.10 |
| "06/12/2001" "23:00:00" | 162 | 0.0653 | 1.245 | 23.16 | 22.94 |
| "06/13/2001" "00:00:00" | 163 | 0.0718 | 1.252 | 23.87 | 22.80 |
| "06/13/2001" "01:00:00" | 163 | 0.0743 | 1.254 | 24.15 | 22.66 |
| "06/13/2001" "02:00:00" | 163 | 0.0704 | 1.250 | 23.72 | 22.54 |
| "06/13/2001" "03:00:00" | 163 | 0.065 | 1.245 | 23.13 | 22.39 |
| "06/13/2001" "04:00:00" | 163 | 0.0667 | 1.247 | 23.31 | 22.19 |
| "06/13/2001" "05:00:00" | 163 | 0.0662 | 1.246 | 23.26 | 21.94 |
| "06/13/2001" "06:00:00" | 163 | 0.0681 | 1.248 | 23.47 | 21.76 |
| "06/13/2001" "07:00:00" | 163 | 0.0623 | 1.242 | 22.83 | 21.63 |
| "06/13/2001" "08:00:00" | 163 | 0.0536 | 1.234 | 21.87 | 21.55 |
| "06/13/2001" "09:00:00" | 163 | 0.0414 | 1.221 | 20.53 | 21.46 |
| "06/13/2001" "10:00:00" | 163 | 0.0392 | 1.219 | 20.29 | 21.37 |
| "06/13/2001" "11:00:00" | 163 | 0.0385 | 1.219 | 20.22 | 21.29 |
| "06/13/2001" "12:00:00" | 163 | 0.0381 | 1.218 | 20.17 | 21.19 |
| "06/13/2001" "13:00:00" | 163 | 0.035 | 1.215 | 19.83 | 21.07 |
| "06/13/2001" "14:00:00" | 163 | 0.0347 | 1.215 | 19.80 | 20.96 |
| "06/13/2001" "15:00:00" | 163 | 0.0329 | 1.213 | 19.60 | 20.88 |
| "06/13/2001" "16:00:00" | 163 | 0.0305 | 1.211 | 19.34 | 20.84 |
| "06/13/2001" "17:00:00" | 163 | 0.032 | 1.212 | 19.50 | 20.79 |
| "06/13/2001" "18:00:00" | 163 | 0.0304 | 1.210 | 19.33 | 20.73 |
| "06/13/2001" "19:00:00" | 163 | 0.0353 | 1.215 | 19.86 | 20.66 |
| "06/13/2001" "20:00:00" | 163 | 0.0299 | 1.210 | 19.27 | 20.57 |
| "06/13/2001" "21:00:00" | 163 | 0.034 | 1.214 | 19.72 | 20.46 |
| "06/13/2001" "22:00:00" | 163 | 0.044 | 1.224 | 20.82 | 20.39 |
| "06/13/2001" "23:00:00" | 163 | 0.0432 | 1.223 | 20.73 | 20.32 |
| "06/14/2001" "00:00:00" | 164 | 0.046 | 1.226 | 21.04 | 20.24 |
| "06/14/2001" "01:00:00" | 164 | 0.0493 | 1.229 | 21.40 | 19.90 |
| "06/14/2001" "02:00:00" | 164 | 0.0528 | 1.233 | 21.79 | 19.54 |
| "06/14/2001" "03:00:00" | 164 | 0.0552 | 1.235 | 22.05 | 19.18 |
| "06/14/2001" "04:00:00" | 164 | 0.056 | 1.236 | 22.14 | 18.81 |
| "06/14/2001" "05:00:00" | 164 | 0.0533 | 1.233 | 21.84 | 18.44 |
| "06/14/2001" "06:00:00" | 164 | 0.0529 | 1.233 | 21.80 | 18.06 |
| "06/14/2001" "07:00:00" | 164 | 0.0424 | 1.222 | 20.64 | 17.69 |
| "06/14/2001" "08:00:00" | 164 | 0.0295 | 1.210 | 19.23 | 17.30 |
| "06/14/2001" "09:00:00" | 164 | 0.0264 | 1.206 | 18.89 | 16.97 |
| "06/14/2001" "10:00:00" | 164 | 0.0247 | 1.205 | 18.70 | 16.66 |
| "06/14/2001" "11:00:00" | 164 | 0.0205 | 1.200 | 18.24 | 16.30 |
| "06/14/2001" "12:00:00" | 164 | -0.0362 | 1.144 | 12.01 | 15.92 |
| "06/14/2001" "13:00:00" | 164 | -0.0429 | 1.137 | 11.27 | 15.51 |
| "06/14/2001" "14:00:00" | 164 | -0.0447 | 1.135 | 11.07 | 15.09 |
| "06/14/2001" "15:00:00" | 164 | -0.0467 | 1.133 | 10.85 | 14.70 |
| "06/14/2001" "16:00:00" | 164 | -0.0503 | 1.130 | 10.46 | 14.31 |
| "06/14/2001" "17:00:00" | 164 | -0.0523 | 1.128 | 10.24 | 13.91 |
| "06/14/2001" "18:00:00" | 164 | -0.0496 | 1.130 | 10.53 | 13.53 |
| "06/14/2001" "19:00:00" | 164 | -0.0496 | 1.130 | 10.53 | 13.16 |
| "06/14/2001" "20:00:00" | 164 | -0.0434 | 1.137 | 11.22 | 12.84 |
| "06/14/2001" "21:00:00" | 164 | -0.0326 | 1.147 | 12.40 | 12.55 |
| "06/14/2001" "22:00:00" | 164 | -0.0346 | 1.145 | 12.18 | 12.27 |
| "06/14/2001" "23:00:00" | 164 | -0.0396 | 1.140 | 11.63 | 11.97 |
| "06/15/2001" "00:00:00" | 165 | -0.045 | 1.135 | 11.04 | 11.70 |
| "06/15/2001" "01:00:00" | 165 | -0.0412 | 1.139 | 11.46 | 11.68 |
| "06/15/2001" "02:00:00" | 165 | -0.0337 | 1.146 | 12.28 | 11.67 |
| "06/15/2001" "03:00:00" | 165 | -0.03 | 1.150 | 12.69 | 11.65 |
| "06/15/2001" "04:00:00" | 165 | -0.03 | 1.150 | 12.69 | 11.60 |
| "06/15/2001" "05:00:00" | 165 | -0.0296 | 1.150 | 12.73 | 11.48 |
| "06/15/2001" "06:00:00" | 165 | -0.0276 | 1.152 | 12.95 | 11.30 |
| "06/15/2001" "07:00:00" | 165 | -0.029 | 1.151 | 12.80 | 11.05 |

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|-------------------------|-----|---------|-------|-------|-------|
| "06/15/2001" "08:00:00" | 165 | -0.0331 | 1.147 | 12.35 | 10.80 |
| "06/15/2001" "09:00:00" | 165 | -0.0359 | 1.144 | 12.04 | 10.68 |
| "06/15/2001" "10:00:00" | 165 | -0.0387 | 1.141 | 11.73 | 10.57 |
| "06/15/2001" "11:00:00" | 165 | -0.0389 | 1.141 | 11.71 | 10.48 |
| "06/15/2001" "12:00:00" | 165 | -0.0413 | 1.139 | 11.45 | 10.42 |
| "06/15/2001" "13:00:00" | 165 | -0.0458 | 1.134 | 10.95 | 10.40 |
| "06/15/2001" "14:00:00" | 165 | -0.0491 | 1.131 | 10.59 | 10.36 |
| "06/15/2001" "15:00:00" | 165 | -0.0559 | 1.124 | 9.84 | 10.30 |
| "06/15/2001" "16:00:00" | 165 | -0.0771 | 1.103 | 7.51 | 10.24 |
| "06/15/2001" "17:00:00" | 165 | -0.0909 | 1.089 | 6.00 | 10.18 |
| "06/15/2001" "18:00:00" | 165 | -0.1041 | 1.076 | 4.55 | 10.15 |
| "06/15/2001" "19:00:00" | 165 | -0.1063 | 1.074 | 4.30 | 10.11 |
| "06/15/2001" "20:00:00" | 165 | -0.0696 | 1.110 | 8.34 | 10.07 |
| "06/15/2001" "21:00:00" | 165 | -0.0557 | 1.124 | 9.86 | 10.02 |
| "06/15/2001" "22:00:00" | 165 | -0.0539 | 1.126 | 10.06 | 9.97 |
| "06/15/2001" "23:00:00" | 165 | -0.052 | 1.128 | 10.27 | 9.93 |
| "06/16/2001" "00:00:00" | 166 | -0.0513 | 1.129 | 10.35 | 9.82 |
| "06/16/2001" "01:00:00" | 166 | -0.0496 | 1.130 | 10.53 | 9.67 |
| "06/16/2001" "02:00:00" | 166 | -0.0469 | 1.133 | 10.83 | 9.43 |
| "06/16/2001" "03:00:00" | 166 | -0.0433 | 1.137 | 11.23 | 9.00 |
| "06/16/2001" "04:00:00" | 166 | -0.0414 | 1.139 | 11.44 | 8.44 |
| "06/16/2001" "05:00:00" | 166 | -0.0377 | 1.142 | 11.84 | 7.90 |
| "06/16/2001" "06:00:00" | 166 | -0.0364 | 1.144 | 11.98 | 7.33 |
| "06/16/2001" "07:00:00" | 166 | -0.0377 | 1.142 | 11.84 | 6.83 |
| "06/16/2001" "08:00:00" | 166 | -0.0436 | 1.136 | 11.19 | 6.61 |
| "06/16/2001" "09:00:00" | 166 | -0.0464 | 1.134 | 10.89 | 6.50 |
| "06/16/2001" "10:00:00" | 166 | -0.0484 | 1.132 | 10.67 | 6.42 |
| "06/16/2001" "11:00:00" | 166 | -0.0627 | 1.117 | 9.09 | 6.34 |
| "06/16/2001" "12:00:00" | 166 | -0.0732 | 1.107 | 7.94 | 6.25 |
| "06/16/2001" "13:00:00" | 166 | -0.0975 | 1.083 | 5.27 | 6.16 |
| "06/16/2001" "14:00:00" | 166 | -0.1433 | 1.037 | 0.24 | 6.06 |
| "06/16/2001" "15:00:00" | 166 | -0.1785 | 1.002 | -3.63 | 5.96 |
| "06/16/2001" "16:00:00" | 166 | -0.1944 | 0.986 | -5.38 | 5.86 |
| "06/16/2001" "17:00:00" | 166 | -0.2166 | 0.963 | -7.82 | 5.73 |
| "06/16/2001" "18:00:00" | 166 | -0.2138 | 0.966 | -7.51 | 5.61 |
| "06/16/2001" "19:00:00" | 166 | -0.1544 | 1.026 | -0.98 | 5.49 |
| "06/16/2001" "20:00:00" | 166 | -0.0935 | 1.087 | 5.71 | 5.37 |
| "06/16/2001" "21:00:00" | 166 | -0.0733 | 1.107 | 7.93 | 5.26 |
| "06/16/2001" "22:00:00" | 166 | -0.0708 | 1.109 | 8.20 | 5.15 |
| "06/16/2001" "23:00:00" | 166 | -0.0724 | 1.108 | 8.03 | 5.03 |
| "06/17/2001" "00:00:00" | 167 | -0.0704 | 1.110 | 8.25 | 4.98 |
| "06/17/2001" "01:00:00" | 167 | -0.0714 | 1.109 | 8.14 | 4.97 |
| "06/17/2001" "02:00:00" | 167 | -0.0688 | 1.111 | 8.42 | 5.07 |
| "06/17/2001" "03:00:00" | 167 | -0.0656 | 1.114 | 8.78 | 5.35 |
| "06/17/2001" "04:00:00" | 167 | -0.0688 | 1.111 | 8.42 | 5.75 |
| "06/17/2001" "05:00:00" | 167 | -0.0639 | 1.116 | 8.96 | 6.20 |
| "06/17/2001" "06:00:00" | 167 | -0.063 | 1.117 | 9.06 | 6.77 |
| "06/17/2001" "07:00:00" | 167 | -0.0642 | 1.116 | 8.93 | 7.34 |
| "06/17/2001" "08:00:00" | 167 | -0.0667 | 1.113 | 8.66 | 7.59 |
| "06/17/2001" "09:00:00" | 167 | -0.0704 | 1.110 | 8.25 | 7.64 |
| "06/17/2001" "10:00:00" | 167 | -0.0744 | 1.106 | 7.81 | 7.63 |
| "06/17/2001" "11:00:00" | 167 | -0.0747 | 1.105 | 7.78 | 7.62 |
| "06/17/2001" "12:00:00" | 167 | -0.0739 | 1.106 | 7.86 | 7.61 |
| "06/17/2001" "13:00:00" | 167 | -0.0775 | 1.103 | 7.47 | 7.56 |
| "06/17/2001" "14:00:00" | 167 | -0.0822 | 1.098 | 6.95 | 7.52 |
| "06/17/2001" "15:00:00" | 167 | -0.0894 | 1.091 | 6.16 | 7.46 |
| "06/17/2001" "16:00:00" | 167 | -0.0974 | 1.083 | 5.28 | 7.39 |
| "06/17/2001" "17:00:00" | 167 | -0.0923 | 1.088 | 5.84 | 7.35 |
| "06/17/2001" "18:00:00" | 167 | -0.0895 | 1.091 | 6.15 | 7.28 |
| "06/17/2001" "19:00:00" | 167 | -0.0998 | 1.080 | 5.02 | 7.22 |
| "06/17/2001" "20:00:00" | 167 | -0.0818 | 1.098 | 7.00 | 7.19 |
| "06/17/2001" "21:00:00" | 167 | -0.0762 | 1.104 | 7.61 | 7.11 |

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|-------------------------|-----|---------|-------|------|------|
| "06/17/2001" "22:00:00" | 167 | -0.0714 | 1.109 | 8.14 | 7.06 |
| "06/17/2001" "23:00:00" | 167 | -0.0746 | 1.105 | 7.79 | 7.02 |
| "06/18/2001" "00:00:00" | 168 | -0.0823 | 1.098 | 6.94 | 6.95 |
| "06/18/2001" "01:00:00" | 168 | -0.0808 | 1.099 | 7.11 | 6.87 |
| "06/18/2001" "02:00:00" | 168 | -0.0808 | 1.099 | 7.11 | 6.87 |
| "06/18/2001" "03:00:00" | 168 | -0.0805 | 1.100 | 7.14 | 6.87 |
| "06/18/2001" "04:00:00" | 168 | -0.0789 | 1.101 | 7.31 | 6.90 |
| "06/18/2001" "05:00:00" | 168 | -0.0777 | 1.102 | 7.45 | 6.98 |
| "06/18/2001" "06:00:00" | 168 | -0.077 | 1.103 | 7.52 | 7.03 |
| "06/18/2001" "07:00:00" | 168 | -0.0717 | 1.108 | 8.11 | 7.08 |
| "06/18/2001" "08:00:00" | 168 | -0.082 | 1.098 | 6.97 | 7.19 |
| "06/18/2001" "09:00:00" | 168 | -0.0822 | 1.098 | 6.95 | 7.21 |
| "06/18/2001" "10:00:00" | 168 | -0.0843 | 1.096 | 6.72 | 7.18 |
| "06/18/2001" "11:00:00" | 168 | -0.0892 | 1.091 | 6.18 | 7.12 |
| "06/18/2001" "12:00:00" | 168 | -0.0922 | 1.088 | 5.85 | 7.07 |
| "06/18/2001" "13:00:00" | 168 | -0.0897 | 1.080 | 7.60 | 7.08 |

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