

In Situ data 7/97
Sensor

| Date | Time | Tide | Temp (oC) | Temp (oF) |
|--------|----------|------|-----------|-----------|
| 7/1/97 | 0:16:38 | 10.1 | 12.83 | 55.10 |
| 7/1/97 | 0:46:38 | 9.5 | 12.64 | 54.75 |
| 7/1/97 | 1:16:38 | 9.0 | 12.63 | 54.74 |
| 7/1/97 | 1:46:38 | 8.6 | 12.63 | 54.73 |
| 7/1/97 | 2:16:39 | 6.9 | 12.45 | 54.41 |
| 7/1/97 | 2:46:39 | 5.7 | 12.00 | 53.60 |
| 7/1/97 | 3:16:39 | 5.6 | 11.73 | 53.12 |
| 7/1/97 | 3:46:39 | 5.7 | 11.67 | 53.00 |
| 7/1/97 | 4:16:39 | | 11.58 | 52.85 |
| 7/1/97 | 4:46:40 | | 11.48 | 52.66 |
| 7/1/97 | 5:16:40 | 6.4 | 11.37 | 52.47 |
| 7/1/97 | 5:46:40 | 6.8 | 11.19 | 52.15 |
| 7/1/97 | 6:16:40 | 7.2 | 11.06 | 51.91 |
| 7/1/97 | 6:46:40 | 7.7 | 11.00 | 51.80 |
| 7/1/97 | 7:16:40 | 8.2 | 10.96 | 51.73 |
| 7/1/97 | 7:46:41 | 8.6 | 10.95 | 51.72 |
| 7/1/97 | 8:16:41 | 9.0 | 10.95 | 51.70 |
| 7/1/97 | 8:46:41 | 9.4 | 10.86 | 51.55 |
| 7/1/97 | 9:16:41 | 9.6 | 10.75 | 51.35 |
| 7/1/97 | 9:46:41 | 9.7 | 10.67 | 51.20 |
| 7/1/97 | 10:16:42 | 9.7 | 10.44 | 50.79 |
| 7/1/97 | 10:46:42 | 9.7 | 10.34 | 50.60 |
| 7/1/97 | 11:16:42 | 9.5 | 10.28 | 50.51 |
| 7/1/97 | 11:46:42 | 9.3 | 10.21 | 50.38 |
| 7/1/97 | 12:16:42 | 9.1 | 10.16 | 50.28 |
| 7/1/97 | 12:46:43 | 8.8 | 10.15 | 50.27 |
| 7/1/97 | 13:16:43 | 8.6 | 10.24 | 50.43 |
| 7/1/97 | 13:46:43 | 8.5 | 10.38 | 50.69 |
| 7/1/97 | 14:16:43 | 8.4 | 10.75 | 51.35 |
| 7/1/97 | 14:46:43 | 8.3 | 11.37 | 52.46 |
| 7/1/97 | 15:16:44 | 7.5 | 11.72 | 53.10 |
| 7/1/97 | 15:46:44 | 7.6 | 12.07 | 53.72 |
| 7/1/97 | 16:16:44 | 7.9 | 11.85 | 53.33 |
| 7/1/97 | 16:46:44 | 7.3 | 12.41 | 54.33 |
| 7/1/97 | 17:16:44 | 8.5 | 12.34 | 54.21 |
| 7/1/97 | 17:46:44 | 9.4 | 11.91 | 53.44 |
| 7/1/97 | 18:16:45 | 10.1 | 12.10 | 53.77 |
| 7/1/97 | 18:46:45 | 10.6 | 12.57 | 54.63 |
| 7/1/97 | 19:16:45 | 11.0 | 12.97 | 55.35 |
| 7/1/97 | 19:46:45 | 12.5 | 12.81 | 55.06 |
| 7/1/97 | 20:16:45 | 13.4 | 12.78 | 55.00 |
| 7/1/97 | 20:46:46 | 13.6 | 12.91 | 55.24 |

3 min
30 min
Averaged

| | | | | |
|--------|----------|------|-------|-------|
| 7/1/97 | 21:16:46 | 13.6 | 12.73 | 54.91 |
| 7/1/97 | 21:46:46 | 13.5 | 12.63 | 54.73 |
| 7/1/97 | 22:16:46 | 13.3 | 12.59 | 54.66 |
| 7/1/97 | 22:46:46 | 12.9 | 12.52 | 54.54 |
| 7/1/97 | 23:16:47 | 11.9 | 12.49 | 54.48 |
| 7/1/97 | 23:46:47 | 9.6 | 12.46 | 54.43 |
| 7/2/97 | 0:16:47 | 9.0 | 12.43 | 54.37 |
| 7/2/97 | 0:46:47 | 8.4 | 12.39 | 54.31 |
| 7/2/97 | 1:16:47 | 7.9 | 12.35 | 54.24 |
| 7/2/97 | 1:46:47 | 7.4 | 12.33 | 54.19 |
| 7/2/97 | 2:16:48 | 6.8 | 12.29 | 54.11 |
| 7/2/97 | 2:46:48 | 6.4 | 12.26 | 54.06 |
| 7/2/97 | 3:16:48 | 5.8 | 12.24 | 54.02 |
| 7/2/97 | 3:46:48 | 5.5 | 12.19 | 53.95 |
| 7/2/97 | 4:16:48 | 5.4 | 12.15 | 53.86 |
| 7/2/97 | 4:46:49 | 5.5 | 12.10 | 53.78 |
| 7/2/97 | 5:16:49 | 5.7 | 12.04 | 53.68 |
| 7/2/97 | 5:46:49 | 6.1 | 12.01 | 53.61 |
| 7/2/97 | 6:16:49 | 6.5 | 11.88 | 53.39 |
| 7/2/97 | 6:46:49 | 7.0 | 11.53 | 52.76 |
| 7/2/97 | 7:16:50 | 7.5 | 11.10 | 51.98 |
| 7/3/97 | 7:46:59 | 7.5 | 10.91 | 51.64 |
| 7/3/97 | 8:16:59 | 8.1 | 10.66 | 51.19 |
| 7/3/97 | 8:46:59 | 8.6 | 10.52 | 50.93 |
| 7/3/97 | 9:16:59 | 9.1 | 10.40 | 50.72 |
| 7/3/97 | 9:47:00 | 9.2 | 10.32 | 50.58 |
| 7/3/97 | 10:17:00 | 9.2 | 10.24 | 50.44 |
| 7/3/97 | 10:47:00 | 9.6 | 10.20 | 50.37 |
| 7/3/97 | 11:17:00 | 9.8 | 10.15 | 50.26 |
| 7/3/97 | 11:47:00 | 9.9 | 10.06 | 50.10 |
| 7/3/97 | 12:17:01 | 9.8 | 10.01 | 50.02 |
| 7/3/97 | 12:47:01 | 9.7 | 9.96 | 49.93 |
| 7/3/97 | 13:17:01 | 9.5 | 9.93 | 49.87 |
| 7/3/97 | 13:47:01 | 9.3 | 9.90 | 49.81 |
| 7/3/97 | 14:17:01 | 9.1 | 9.93 | 49.87 |
| 7/3/97 | 14:47:01 | 8.9 | 10.54 | 50.96 |
| 7/3/97 | 15:17:02 | 8.7 | 11.33 | 52.39 |
| 7/3/97 | 15:47:02 | 8.6 | 11.43 | 52.57 |
| 7/3/97 | 16:17:02 | 8.6 | 11.87 | 53.36 |
| 7/3/97 | 16:47:02 | 8.7 | 12.09 | 53.77 |
| 7/3/97 | 17:17:02 | 8.8 | 12.27 | 54.09 |
| 7/3/97 | 17:47:03 | 9.1 | 12.39 | 54.30 |
| 7/3/97 | 18:17:03 | 9.4 | 12.49 | 54.48 |

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|--------|----------|------|-------|-------|
| 7/3/97 | 18:47:03 | 9.8 | 12.51 | 54.51 |
| 7/3/97 | 19:17:03 | 10.3 | 12.44 | 54.40 |
| 7/3/97 | 19:47:03 | 10.2 | 12.51 | 54.52 |
| 7/3/97 | 20:17:04 | 10.6 | 12.59 | 54.67 |
| 7/3/97 | 20:47:04 | 11.1 | 12.31 | 54.15 |
| 7/3/97 | 21:17:04 | 11.8 | 12.26 | 54.07 |
| 7/3/97 | 21:47:04 | 13.3 | 12.28 | 54.10 |
| 7/3/97 | 22:17:04 | 13.5 | 12.26 | 54.07 |
| 7/3/97 | 22:47:04 | 13.5 | 12.44 | 54.39 |
| 7/3/97 | 23:17:05 | 13.4 | 12.58 | 54.65 |
| 7/3/97 | 23:47:05 | 13.1 | 12.56 | 54.61 |
| 7/4/97 | 0:17:05 | 12.7 | 12.45 | 54.40 |
| 7/4/97 | 0:47:05 | 12.2 | 12.34 | 54.22 |
| 7/4/97 | 1:17:05 | 11.6 | 12.39 | 54.31 |
| 7/4/97 | 1:47:06 | 10.9 | 12.52 | 54.54 |
| 7/4/97 | 2:17:06 | 9.0 | 12.51 | 54.51 |
| 7/4/97 | 2:47:06 | 8.2 | 12.32 | 54.17 |
| 7/4/97 | 3:17:06 | 7.6 | 12.06 | 53.70 |
| 7/4/97 | 3:47:06 | 7.0 | 12.02 | 53.64 |
| 7/4/97 | 4:17:07 | 6.6 | 12.00 | 53.59 |
| 7/4/97 | 4:47:07 | 6.2 | 12.01 | 53.62 |
| 7/4/97 | 5:17:07 | 6.0 | 11.98 | 53.56 |
| 7/4/97 | 5:47:07 | 5.9 | 11.89 | 53.40 |
| 7/4/97 | 6:17:07 | 5.3 | 11.69 | 53.04 |
| 7/4/97 | 6:47:07 | 5.5 | 11.51 | 52.72 |
| 7/4/97 | 7:17:08 | 5.9 | 11.46 | 52.62 |
| 7/4/97 | 7:47:08 | 6.4 | 11.45 | 52.61 |
| 7/4/97 | 8:17:08 | 6.9 | 11.37 | 52.46 |
| 7/4/97 | 8:47:08 | 7.5 | 11.19 | 52.15 |
| 7/4/97 | 9:17:08 | 8.1 | 10.94 | 51.69 |
| 7/4/97 | 9:47:09 | 8.7 | 10.76 | 51.36 |
| 7/4/97 | 10:17:09 | 9.1 | 10.68 | 51.23 |
| 7/4/97 | 10:47:09 | 9.5 | 10.60 | 51.07 |
| 7/4/97 | 11:17:09 | 9.8 | 10.47 | 50.85 |
| 7/4/97 | 11:47:09 | 10.1 | 10.37 | 50.67 |
| 7/4/97 | 12:17:10 | 10.2 | 10.32 | 50.58 |
| 7/4/97 | 12:47:10 | 10.2 | 10.35 | 50.63 |
| 7/4/97 | 13:17:10 | 10.1 | 10.38 | 50.69 |
| 7/4/97 | 13:47:10 | 10.0 | 10.51 | 50.92 |
| 7/4/97 | 14:17:10 | 9.8 | 10.72 | 51.30 |
| 7/4/97 | 14:47:11 | 9.6 | 11.34 | 52.40 |
| 7/4/97 | 15:17:11 | 9.3 | 11.99 | 53.58 |
| 7/4/97 | 15:47:11 | 9.1 | 11.91 | 53.43 |

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|--------|----------|------|-------|-------|
| 7/4/97 | 16:17:11 | 9.0 | 11.95 | 53.50 |
| 7/4/97 | 16:47:11 | 8.9 | 12.25 | 54.05 |
| 7/4/97 | 17:17:11 | 8.6 | 12.40 | 54.32 |
| 7/4/97 | 17:47:12 | 8.3 | 12.29 | 54.12 |
| 7/4/97 | 18:17:12 | 8.5 | 11.80 | 53.24 |
| 7/4/97 | 18:47:12 | 8.9 | 11.53 | 52.75 |
| 7/4/97 | 19:17:12 | 9.3 | 11.52 | 52.73 |
| 7/4/97 | 19:47:12 | 9.8 | 11.52 | 52.73 |
| 7/4/97 | 20:17:13 | 10.3 | 11.60 | 52.89 |
| 7/4/97 | 20:47:13 | 10.7 | 11.57 | 52.83 |
| 7/4/97 | 21:17:13 | 11.1 | 11.37 | 52.46 |
| 7/4/97 | 21:47:13 | 11.3 | 11.43 | 52.58 |
| 7/4/97 | 22:17:13 | 11.9 | 11.83 | 53.29 |
| 7/4/97 | 22:47:14 | 13.3 | 12.46 | 54.42 |
| 7/4/97 | 23:17:14 | 13.3 | 12.77 | 54.98 |
| 7/4/97 | 23:47:14 | 13.2 | 12.88 | 55.19 |
| 7/5/97 | 0:17:14 | 12.9 | 12.97 | 55.35 |
| 7/5/97 | 0:47:14 | 12.5 | 13.05 | 55.49 |
| 7/5/97 | 1:17:14 | 10.6 | 13.08 | 55.55 |
| 7/5/97 | 1:47:15 | 9.7 | 13.11 | 55.59 |
| 7/5/97 | 2:17:15 | 9.1 | 13.16 | 55.68 |
| 7/5/97 | 2:47:15 | 8.5 | 13.17 | 55.71 |
| 7/5/97 | 3:17:15 | 7.9 | 13.17 | 55.71 |
| 7/5/97 | 3:47:15 | 7.3 | 13.16 | 55.68 |
| 7/5/97 | 4:17:16 | 6.7 | 13.13 | 55.64 |
| 7/5/97 | 4:47:16 | 6.3 | 13.09 | 55.56 |
| 7/5/97 | 5:17:16 | 5.9 | 12.46 | 54.43 |
| 7/5/97 | 5:47:16 | 5.7 | 11.78 | 53.21 |
| 7/5/97 | 6:17:16 | 5.6 | 11.40 | 52.52 |
| 7/5/97 | 6:47:17 | 5.6 | 11.12 | 52.02 |
| 7/5/97 | 7:17:17 | 5.8 | 10.97 | 51.74 |
| 7/5/97 | 7:47:17 | 6.2 | 10.84 | 51.52 |
| 7/5/97 | 8:17:17 | 6.6 | 10.68 | 51.22 |
| 7/5/97 | 8:47:17 | 7.1 | 10.49 | 50.88 |
| 7/5/97 | 9:17:17 | 7.6 | 10.41 | 50.74 |
| 7/5/97 | 9:47:18 | 7.6 | 10.33 | 50.59 |
| 7/5/97 | 10:17:18 | 8.0 | 10.32 | 50.58 |
| 7/5/97 | 10:47:18 | 8.6 | 10.33 | 50.59 |
| 7/5/97 | 11:17:18 | 9.1 | 10.28 | 50.50 |
| 7/5/97 | 11:47:18 | 9.4 | 10.18 | 50.32 |
| 7/5/97 | 12:17:19 | 9.7 | 10.15 | 50.27 |
| 7/5/97 | 12:47:19 | 9.9 | 10.26 | 50.47 |
| 7/5/97 | 13:17:19 | 9.9 | 10.52 | 50.93 |

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|--------|----------|------|-------|-------|
| 7/5/97 | 13:47:19 | 10.0 | 10.87 | 51.57 |
| 7/5/97 | 14:17:19 | 9.8 | 10.86 | 51.55 |
| 7/5/97 | 14:47:20 | 9.7 | 11.15 | 52.08 |
| 7/5/97 | 15:17:20 | 9.4 | 11.32 | 52.37 |
| 7/5/97 | 15:47:20 | 9.2 | 11.33 | 52.39 |
| 7/5/97 | 16:17:20 | 9.0 | 11.48 | 52.66 |
| 7/5/97 | 16:47:20 | 8.9 | 11.64 | 52.95 |
| 7/5/97 | 17:17:20 | 8.8 | 11.65 | 52.97 |
| 7/5/97 | 17:47:21 | 8.7 | 11.68 | 53.02 |
| 7/5/97 | 18:17:21 | 8.8 | 11.60 | 52.88 |
| 7/5/97 | 18:47:21 | 9.0 | 11.61 | 52.89 |
| 7/5/97 | 19:17:21 | 9.2 | 11.80 | 53.24 |
| 7/5/97 | 19:47:21 | 9.3 | 11.77 | 53.18 |
| 7/5/97 | 20:17:22 | 9.2 | 11.83 | 53.29 |
| 7/5/97 | 20:47:22 | 9.7 | 11.90 | 53.43 |
| 7/5/97 | 21:17:22 | 10.1 | 11.81 | 53.25 |
| 7/5/97 | 21:47:22 | 12.0 | 11.80 | 53.23 |
| 7/5/97 | 22:17:22 | 12.6 | 11.92 | 53.46 |
| 7/5/97 | 22:47:23 | 12.9 | 12.60 | 54.69 |
| 7/5/97 | 23:17:23 | 13.1 | 13.01 | 55.42 |
| 7/5/97 | 23:47:23 | 13.1 | 13.14 | 55.65 |
| 7/6/97 | 0:17:23 | 13.0 | 13.21 | 55.77 |
| 7/6/97 | 0:47:23 | 12.8 | 13.00 | 55.40 |
| 7/6/97 | 1:17:23 | 12.6 | 12.90 | 55.21 |
| 7/6/97 | 1:47:24 | 12.2 | 12.84 | 55.11 |
| 7/6/97 | 2:17:24 | 11.5 | 12.81 | 55.05 |
| 7/6/97 | 2:47:24 | 9.7 | 12.75 | 54.96 |
| 7/6/97 | 3:17:24 | 9.0 | 12.72 | 54.89 |
| 7/6/97 | 3:47:24 | 7.8 | 12.46 | 54.43 |
| 7/6/97 | 4:17:25 | 7.3 | 12.11 | 53.79 |
| 7/6/97 | 4:47:25 | 6.8 | 11.94 | 53.49 |
| 7/6/97 | 5:17:25 | 6.3 | 11.76 | 53.17 |
| 7/6/97 | 5:47:25 | 6.0 | 11.54 | 52.78 |
| 7/6/97 | 6:17:25 | 5.7 | 11.33 | 52.39 |
| 7/6/97 | 6:47:26 | 5.6 | 11.21 | 52.17 |
| 7/6/97 | 7:17:26 | 5.6 | 11.08 | 51.94 |
| 7/6/97 | 7:47:26 | 5.8 | 10.92 | 51.66 |
| 7/6/97 | 8:17:26 | 6.1 | 10.78 | 51.40 |
| 7/6/97 | 8:47:26 | 6.5 | 10.63 | 51.14 |
| 7/6/97 | 9:17:27 | 6.9 | 10.41 | 50.73 |
| 7/6/97 | 9:47:27 | 7.5 | 10.32 | 50.58 |
| 7/6/97 | 10:17:27 | 8.0 | 10.07 | 50.13 |
| 7/6/97 | 10:47:27 | 8.5 | 9.80 | 49.65 |

| | | | | |
|--------|----------|------|-------|-------|
| 7/6/97 | 11:17:27 | 9.0 | 9.69 | 49.44 |
| 7/6/97 | 11:47:27 | 9.4 | 9.62 | 49.31 |
| 7/6/97 | 12:17:28 | 9.8 | 9.57 | 49.23 |
| 7/6/97 | 12:47:28 | 10.1 | 9.52 | 49.13 |
| 7/6/97 | 13:17:28 | 10.2 | 9.44 | 48.99 |
| 7/6/97 | 13:47:28 | 9.7 | 9.42 | 48.96 |
| 7/6/97 | 14:17:28 | 9.7 | 9.42 | 48.95 |
| 7/6/97 | 14:47:29 | 9.6 | 9.42 | 48.95 |
| 7/6/97 | 15:17:29 | 9.4 | 9.53 | 49.15 |
| 7/6/97 | 15:47:29 | 9.3 | 10.20 | 50.36 |
| 7/6/97 | 16:17:29 | 9.1 | 10.96 | 51.72 |
| 7/6/97 | 16:47:29 | 9.0 | 11.77 | 53.19 |
| 7/6/97 | 17:17:30 | 8.8 | 12.24 | 54.04 |
| 7/6/97 | 17:47:30 | 8.7 | 12.46 | 54.43 |
| 7/6/97 | 18:17:30 | 8.7 | 12.53 | 54.55 |
| 7/6/97 | 18:47:30 | 8.7 | 12.62 | 54.72 |
| 7/6/97 | 19:17:30 | 8.8 | 12.64 | 54.76 |
| 7/6/97 | 19:47:30 | 9.9 | 12.48 | 54.47 |
| 7/6/97 | 20:17:31 | 10.4 | 12.31 | 54.15 |
| 7/6/97 | 20:47:31 | 10.8 | 12.54 | 54.57 |
| 7/6/97 | 21:17:31 | 11.2 | 12.58 | 54.65 |
| 7/6/97 | 21:47:31 | 11.6 | 12.50 | 54.49 |
| 7/6/97 | 22:17:31 | 11.9 | 12.35 | 54.23 |
| 7/6/97 | 22:47:32 | 12.3 | 12.25 | 54.06 |
| 7/6/97 | 23:17:32 | 12.5 | 12.16 | 53.89 |
| 7/6/97 | 23:47:32 | 12.7 | 12.28 | 54.10 |
| 7/7/97 | 0:17:32 | 12.7 | 12.18 | 53.92 |
| 7/7/97 | 0:47:32 | 12.7 | 12.22 | 53.99 |
| 7/7/97 | 1:17:33 | 12.5 | 12.50 | 54.50 |
| 7/7/97 | 1:47:33 | 11.1 | 12.18 | 53.93 |
| 7/7/97 | 2:17:33 | 10.7 | 12.32 | 54.17 |
| 7/7/97 | 2:47:33 | 10.3 | 11.82 | 53.28 |
| 7/7/97 | 3:17:33 | 9.8 | 11.75 | 53.15 |
| 7/7/97 | 3:47:33 | 9.3 | 12.03 | 53.65 |
| 7/7/97 | 4:17:34 | 8.7 | 12.27 | 54.09 |
| 7/7/97 | 4:47:34 | 8.1 | 12.31 | 54.16 |
| 7/7/97 | 5:18:54 | 9.0 | | |
| 7/7/97 | 5:48:55 | 7.2 | 11.85 | 53.33 |
| 7/7/97 | 6:18:55 | 6.6 | 11.95 | 53.50 |
| 7/7/97 | 6:48:55 | 5.8 | 11.97 | 53.54 |
| 7/7/97 | 7:18:56 | 5.7 | 12.27 | 54.08 |
| 7/7/97 | 7:48:56 | 5.7 | 12.50 | 54.49 |
| 7/7/97 | 8:18:56 | 6.0 | 12.37 | 54.27 |

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|--------|----------|------|-------|-------|
| 7/7/97 | 8:48:56 | 6.3 | 12.16 | 53.89 |
| 7/7/97 | 9:18:56 | 6.6 | 11.95 | 53.52 |
| 7/7/97 | 9:48:56 | 7.0 | 11.91 | 53.43 |
| 7/7/97 | 10:18:57 | 7.5 | 11.87 | 53.37 |
| 7/7/97 | 10:48:57 | 8.0 | 11.16 | 52.08 |
| 7/7/97 | 11:18:57 | 8.5 | 10.71 | 51.27 |
| 7/7/97 | 11:48:57 | 9.0 | 10.56 | 51.00 |
| 7/7/97 | 12:18:57 | 9.5 | 10.49 | 50.88 |
| 7/7/97 | 12:48:58 | 9.8 | 10.45 | 50.81 |
| 7/7/97 | 13:18:58 | 10.2 | 10.37 | 50.66 |
| 7/7/97 | 13:48:58 | 10.3 | 10.19 | 50.33 |
| 7/7/97 | 14:18:58 | 10.3 | 10.05 | 50.10 |
| 7/7/97 | 14:48:58 | 9.7 | 10.02 | 50.04 |
| 7/7/97 | 15:18:59 | 9.7 | 10.03 | 50.05 |
| 7/7/97 | 15:48:59 | 9.6 | 10.05 | 50.09 |
| 7/7/97 | 16:18:59 | 9.5 | 10.05 | 50.10 |
| 7/7/97 | 16:48:59 | 9.2 | 10.21 | 50.38 |
| 7/7/97 | 17:18:59 | 9.0 | 10.48 | 50.86 |
| 7/7/97 | 17:48:59 | 8.9 | 11.30 | 52.34 |
| 7/7/97 | 18:19:00 | 8.8 | 12.28 | 54.11 |
| 7/7/97 | 18:49:00 | 8.7 | 12.65 | 54.76 |
| 7/7/97 | 19:19:00 | 8.7 | 12.71 | 54.88 |
| 7/7/97 | 19:49:00 | 8.8 | 12.69 | 54.85 |
| 7/7/97 | 20:19:00 | 9.0 | 12.83 | 55.09 |
| 7/7/97 | 20:49:01 | 9.2 | 12.91 | 55.24 |
| 7/7/97 | 21:19:01 | 9.4 | 12.40 | 54.32 |
| 7/7/97 | 21:49:01 | 9.5 | 11.99 | 53.58 |
| 7/7/97 | 22:19:01 | 9.9 | 12.17 | 53.90 |
| 7/7/97 | 22:49:01 | 10.2 | 12.23 | 54.01 |
| 7/7/97 | 23:19:02 | 10.9 | 12.01 | 53.62 |
| 7/7/97 | 23:49:02 | 12.1 | 12.12 | 53.82 |
| 7/8/97 | 0:19:02 | 12.3 | 12.12 | 53.82 |
| 7/8/97 | 0:49:02 | 12.4 | 11.62 | 52.92 |
| 7/8/97 | 1:19:02 | 12.3 | 11.28 | 52.31 |
| 7/8/97 | 1:49:02 | 11.8 | 11.18 | 52.12 |
| 7/8/97 | 2:19:03 | 10.1 | 10.93 | 51.67 |
| 7/8/97 | 2:49:03 | 9.9 | 10.54 | 50.98 |
| 7/8/97 | 3:19:03 | 9.6 | 10.47 | 50.84 |
| 7/8/97 | 3:49:04 | 9.2 | 10.54 | 50.97 |
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| 7/10/97 | 3:19:22 | 9.6 | 11.93 | 53.47 |
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| 7/10/97 | 8:49:24 | 7.0 | 11.34 | 52.42 |
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| 7/10/97 | 16:19:27 | 10.0 | 10.13 | 50.24 |
| 7/10/97 | 16:49:27 | 10.0 | 10.11 | 50.20 |
| 7/10/97 | 17:19:27 | 10.0 | 10.08 | 50.15 |
| 7/10/97 | 17:49:27 | 9.8 | 10.07 | 50.12 |
| 7/10/97 | 18:19:27 | 9.7 | 10.05 | 50.09 |
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| 7/11/97 | 0:49:30 | 10.3 | 12.02 | 53.63 |
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| 7/11/97 | 8:49:33 | 7.4 | 11.00 | 51.80 |
| 7/11/97 | 9:19:33 | 7.3 | 11.05 | 51.90 |
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| 7/11/97 | 12:49:34 | 7.4 | 11.17 | 52.10 |
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| 7/11/97 | 13:49:35 | 8.3 | 11.03 | 51.85 |
| 7/11/97 | 14:19:35 | 8.7 | 11.01 | 51.82 |
| 7/11/97 | 14:49:35 | 9.1 | 11.03 | 51.85 |
| 7/11/97 | 15:19:35 | 9.5 | 11.02 | 51.83 |
| 7/11/97 | 15:49:36 | 9.7 | 10.86 | 51.54 |
| 7/11/97 | 16:19:36 | 10.0 | 10.70 | 51.27 |
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| 7/11/97 | 21:49:38 | 8.1 | 11.12 | 52.02 |
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| 7/11/97 | 22:49:38 | 9.5 | 11.24 | 52.24 |
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| 7/11/97 | 23:49:39 | 9.5 | 11.27 | 52.29 |
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| 7/12/97 | 2:49:40 | 8.2 | 11.33 | 52.39 |
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| 7/12/97 | 6:19:41 | 8.7 | 11.17 | 52.11 |
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| 7/12/97 | 12:19:43 | 7.9 | 11.42 | 52.55 |
| 7/12/97 | 12:49:44 | 7.4 | 11.40 | 52.52 |
| 7/12/97 | 13:19:44 | 7.6 | 11.32 | 52.37 |
| 7/12/97 | 13:49:44 | 8.1 | 11.28 | 52.30 |
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| 7/12/97 | 14:49:44 | 9.0 | 11.43 | 52.57 |
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| 7/12/97 | 19:49:46 | 9.8 | 11.12 | 52.01 |
| 7/12/97 | 20:19:46 | 9.6 | 11.16 | 52.08 |
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| 7/12/97 | 23:19:47 | 9.6 | 11.63 | 52.93 |
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| 7/13/97 | 3:19:49 | 8.5 | 11.80 | 53.24 |
| 7/13/97 | 3:49:49 | 8.7 | 11.81 | 53.25 |
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| 7/13/97 | 5:19:50 | 9.2 | 11.81 | 53.25 |
| 7/13/97 | 5:49:50 | 9.3 | 11.81 | 53.26 |
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| 7/13/97 | 6:49:50 | 8.3 | 11.80 | 53.24 |
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| 7/13/97 | 7:49:51 | 8.2 | 11.75 | 53.15 |
| 7/13/97 | 8:19:51 | 8.2 | 11.76 | 53.16 |
| 7/13/97 | 8:49:51 | 8.0 | 11.77 | 53.18 |
| 7/13/97 | 9:19:51 | 7.9 | 11.78 | 53.20 |
| 7/13/97 | 9:49:51 | 7.8 | 11.78 | 53.21 |
| 7/13/97 | 10:19:52 | 7.7 | 11.79 | 53.22 |
| 7/13/97 | 10:49:52 | 7.6 | 11.81 | 53.26 |
| 7/13/97 | 11:19:52 | 7.6 | 11.81 | 53.26 |
| 7/13/97 | 11:49:52 | 7.7 | 11.84 | 53.31 |
| 7/13/97 | 12:19:52 | 7.8 | 11.87 | 53.37 |
| 7/13/97 | 12:49:53 | 8.0 | 11.91 | 53.43 |
| 7/13/97 | 13:19:53 | 8.3 | 11.94 | 53.48 |
| 7/13/97 | 13:49:53 | 8.6 | 11.93 | 53.48 |
| 7/13/97 | 14:19:53 | 8.8 | 11.91 | 53.43 |
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| 7/13/97 | 15:49:54 | 9.4 | 11.81 | 53.26 |
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| 7/13/97 | 16:49:54 | 9.6 | 11.69 | 53.05 |
| 7/13/97 | 17:19:54 | 9.9 | 11.63 | 52.94 |
| 7/13/97 | 17:49:54 | 10.2 | 11.62 | 52.91 |
| 7/13/97 | 18:19:55 | 10.3 | 11.61 | 52.89 |
| 7/13/97 | 18:49:55 | 11.1 | 11.59 | 52.86 |
| 7/13/97 | 19:19:55 | 11.9 | 11.57 | 52.82 |
| 7/13/97 | 19:49:55 | 11.8 | 11.55 | 52.79 |
| 7/13/97 | 20:19:55 | 11.6 | 11.51 | 52.72 |
| 7/13/97 | 20:49:56 | 11.3 | 11.49 | 52.67 |
| 7/13/97 | 21:19:56 | 10.9 | 11.47 | 52.65 |
| 7/13/97 | 21:49:56 | 10.6 | 11.51 | 52.72 |
| 7/13/97 | 22:19:56 | 10.4 | 11.86 | 53.35 |
| 7/13/97 | 22:49:56 | 10.0 | 12.13 | 53.83 |
| 7/13/97 | 23:19:57 | 9.7 | 12.42 | 54.35 |
| 7/13/97 | 23:49:57 | 9.4 | 12.63 | 54.73 |
| 7/14/97 | 0:19:57 | 9.2 | 12.68 | 54.82 |
| 7/14/97 | 0:49:57 | 9.1 | 12.61 | 54.69 |
| 7/14/97 | 1:19:57 | 9.0 | 12.58 | 54.64 |
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| 7/14/97 | 2:49:58 | 7.0 | 12.46 | 54.42 |
| 7/14/97 | 3:19:58 | 7.3 | 12.46 | 54.42 |
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| 7/14/97 | 5:19:59 | 8.4 | 12.19 | 53.94 |
| 7/14/97 | 5:49:59 | 8.6 | 12.16 | 53.89 |
| 7/14/97 | 6:19:59 | 8.8 | 12.16 | 53.89 |
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| 7/14/97 | 8:20:00 | 9.0 | 12.26 | 54.06 |
| 7/14/97 | 8:50:00 | 9.0 | 12.27 | 54.09 |
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| 7/14/97 | 15:50:03 | 8.9 | 11.90 | 53.42 |
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| 7/14/97 | 18:50:04 | 12.3 | 12.04 | 53.66 |
| 7/14/97 | 19:20:04 | 12.5 | 12.28 | 54.10 |
| 7/14/97 | 19:50:05 | 12.4 | 12.58 | 54.64 |
| 7/14/97 | 20:20:05 | 12.2 | 12.63 | 54.74 |
| 7/14/97 | 20:50:05 | 12.0 | 12.63 | 54.74 |
| 7/14/97 | 21:20:05 | 11.7 | 12.63 | 54.74 |
| 7/14/97 | 21:50:05 | 11.3 | 12.63 | 54.73 |
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| 7/15/97 | 20:20:14 | 12.1 | 12.73 | 54.91 |
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| 7/16/97 | 21:20:45 | 13.0 | 12.76 | 54.96 |
| 7/16/97 | 21:50:45 | 12.7 | 12.84 | 55.11 |
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| 7/16/97 | 22:50:45 | 11.9 | 12.96 | 55.33 |
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| 7/17/97 | 9:20:49 | 8.8 | 13.27 | 55.89 |
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| 7/17/97 | 11:52:26 | 9.1 | 12.66 | 54.79 |
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| 7/17/97 | 14:22:30 | 8.5 | 12.58 | 54.65 |
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| 7/17/97 | 17:51:47 | 9.4 | 12.95 | 55.30 |
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| 7/18/97 | 6:51:52 | 6.6 | 13.43 | 56.18 |
| 7/18/97 | 7:16:52 | 7.1 | 13.41 | 56.13 |
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| 7/18/97 | 16:46:57 | 8.0 | 13.11 | 55.59 |
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| 7/18/97 | 17:46:57 | 8.7 | 12.60 | 54.68 |
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| 7/18/97 | 18:46:57 | 9.6 | 12.36 | 54.25 |
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| 7/18/97 | 20:16:58 | 10.9 | 12.11 | 53.79 |
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| 7/18/97 | 21:16:58 | 11.2 | 12.41 | 54.34 |
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| 7/19/97 | 11:47:04 | 8.6 | 12.32 | 54.18 |
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| 7/19/97 | 13:17:04 | 8.5 | 12.45 | 54.40 |
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| 7/19/97 | 15:17:05 | 7.9 | 12.63 | 54.73 |
| 7/19/97 | 15:47:05 | 7.6 | 12.62 | 54.71 |
| 7/19/97 | 16:17:06 | 7.5 | 12.52 | 54.53 |
| 7/19/97 | 16:47:06 | 7.5 | 12.41 | 54.34 |
| 7/19/97 | 17:17:06 | 7.7 | 12.38 | 54.29 |
| 7/19/97 | 17:47:06 | 7.9 | 12.51 | 54.51 |
| 7/19/97 | 18:17:06 | 7.3 | 12.31 | 54.15 |
| 7/19/97 | 18:47:07 | 7.7 | 11.82 | 53.28 |
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| 7/19/97 | 19:47:07 | 8.9 | 11.95 | 53.51 |
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| 7/19/97 | 20:47:07 | 10.1 | 12.03 | 53.65 |
| 7/19/97 | 21:17:07 | 10.4 | 12.12 | 53.82 |
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| 7/19/97 | 23:17:08 | 12.9 | 12.07 | 53.72 |

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| 7/20/97 | 1:21:16 | 9.4 | 12.66 | 54.78 |
| 7/20/97 | 1:51:16 | 7.9 | 12.55 | 54.60 |
| 7/20/97 | 2:21:17 | 7.3 | 12.45 | 54.41 |
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| 7/20/97 | 12:21:21 | 9.0 | 11.67 | 53.01 |
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| 7/21/97 | 22:22:39 | 9.6 | 12.12 | 53.81 |
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| 7/23/97 | 23:17:57 | 7.1 | 12.76 | 54.96 |
| 7/23/97 | 23:47:57 | 9.3 | 12.76 | 54.96 |
| 7/24/97 | 0:17:57 | 9.9 | 12.83 | 55.09 |
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| 7/24/97 | 2:47:59 | 8.4 | 12.87 | 55.17 |
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| 7/24/97 | 10:18:01 | 4.6 | 11.82 | 53.27 |
| 7/24/97 | 10:48:02 | 5.1 | 11.81 | 53.26 |

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| 7/24/97 | 12:48:02 | 7.7 | 11.80 | 53.24 |
| 7/24/97 | 13:18:03 | 8.2 | 11.83 | 53.29 |
| 7/24/97 | 13:48:03 | 8.7 | 11.66 | 52.99 |
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| 7/24/97 | 14:48:03 | 9.4 | 11.43 | 52.57 |
| 7/24/97 | 15:18:03 | 9.6 | 11.37 | 52.47 |
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| 7/24/97 | 18:18:04 | 8.0 | 11.42 | 52.56 |
| 7/24/97 | 18:48:05 | 7.7 | 12.17 | 53.91 |
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| 7/24/97 | 20:48:05 | 6.5 | 12.98 | 55.36 |
| 7/24/97 | 21:18:06 | 6.3 | 13.13 | 55.64 |
| 7/24/97 | 21:48:06 | 6.1 | 13.22 | 55.80 |
| 7/24/97 | 22:18:06 | 6.3 | 13.25 | 55.85 |
| 7/24/97 | 22:48:06 | 6.4 | 13.19 | 55.73 |
| 7/24/97 | 23:18:06 | 6.7 | 12.84 | 55.11 |
| 7/24/97 | 23:48:07 | 6.5 | 12.68 | 54.83 |
| 7/25/97 | 0:18:07 | 6.9 | 12.67 | 54.81 |
| 7/25/97 | 0:48:07 | 7.4 | 12.68 | 54.82 |
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| 7/25/97 | 2:48:08 | 8.8 | 13.13 | 55.63 |
| 7/25/97 | 3:03:08 | 9.0 | 13.14 | 55.66 |
| 7/25/97 | 6:19:59 | 7.6 | 13.00 | 55.39 |
| 7/25/97 | 6:49:59 | 6.8 | 12.94 | 55.30 |
| 7/25/97 | 7:19:59 | 6.0 | 12.88 | 55.18 |
| 7/25/97 | 7:50:00 | 5.7 | 12.85 | 55.13 |
| 7/25/97 | 8:20:00 | 5.4 | 12.86 | 55.15 |
| 7/25/97 | 8:50:00 | 5.3 | 12.82 | 55.07 |
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| 7/25/97 | 9:50:00 | 5.2 | 12.71 | 54.88 |
| 7/25/97 | 10:20:00 | 5.3 | 12.66 | 54.79 |
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| 7/25/97 | 13:50:02 | 8.5 | 12.35 | 54.22 |
| 7/25/97 | 14:20:02 | 9.0 | 12.32 | 54.17 |
| 7/25/97 | 14:50:02 | 7.1 | 12.32 | 54.17 |
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| 7/25/97 | 15:50:03 | 9.6 | 12.33 | 54.19 |
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| 7/25/97 | 16:51:49 | 9.6 | 12.18 | 53.92 |
| 7/25/97 | 17:21:46 | 9.5 | 12.08 | 53.75 |
| 7/25/97 | 17:51:46 | 9.4 | 11.98 | 53.56 |
| 7/25/97 | 18:21:47 | 9.1 | 12.00 | 53.59 |
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| 7/25/97 | 19:21:47 | 8.4 | 12.62 | 54.71 |
| 7/25/97 | 19:51:47 | 8.0 | 12.72 | 54.89 |
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| 7/25/97 | 20:51:48 | 7.3 | 12.80 | 55.04 |
| 7/25/97 | 21:21:48 | 6.9 | 12.87 | 55.16 |
| 7/25/97 | 21:51:48 | 6.5 | 12.93 | 55.27 |
| 7/25/97 | 22:21:48 | 6.3 | 12.96 | 55.32 |
| 7/25/97 | 22:51:48 | 6.3 | 12.98 | 55.37 |
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| 7/26/97 | 3:51:50 | 8.3 | 13.12 | 55.62 |
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| 7/26/97 | 7:47:19 | 7.4 | 13.23 | 55.82 |
| 7/26/97 | 8:17:20 | 7.1 | 13.22 | 55.80 |
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| 7/26/97 | 9:47:20 | 6.0 | 12.87 | 55.17 |
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| 7/26/97 | 13:47:22 | 7.7 | 12.67 | 54.81 |
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| 7/26/97 | 16:47:23 | 10.1 | 12.74 | 54.93 |
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| 7/26/97 | 17:47:23 | 10.0 | 12.79 | 55.03 |
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| 7/26/97 | 18:47:23 | 13.1 | 12.83 | 55.09 |
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| 7/26/97 | 21:17:24 | 10.9 | 13.52 | 56.34 |
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| 7/28/97 | 15:17:53 | 11.5 | 14.07 | 57.32 |
| 7/28/97 | 15:47:53 | 11.7 | 13.92 | 57.06 |
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| 7/29/97 | 2:47:57 | 8.3 | 14.53 | 58.16 |
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| 7/29/97 | 4:17:58 | 9.0 | 14.57 | 58.22 |
| 7/29/97 | 4:47:58 | 9.4 | 14.56 | 58.21 |
| 7/29/97 | 5:17:58 | 9.8 | 14.36 | 57.85 |
| 7/29/97 | 5:47:58 | 10.2 | 14.07 | 57.33 |
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| 7/29/97 | 7:17:59 | 11.4 | 14.15 | 57.47 |
| 7/29/97 | 7:47:59 | 11.6 | 14.25 | 57.66 |
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| 7/29/97 | 9:18:00 | 11.6 | 14.29 | 57.71 |
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| 7/29/97 | 10:18:00 | 11.3 | 13.88 | 56.98 |
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| 7/29/97 | 13:48:01 | 10.5 | 14.04 | 57.27 |
| 7/29/97 | 14:18:02 | 10.6 | 14.08 | 57.35 |
| 7/29/97 | 14:48:02 | 10.8 | 14.12 | 57.42 |
| 7/29/97 | 15:18:02 | 11.0 | 14.09 | 57.37 |
| 7/29/97 | 15:48:02 | 11.3 | 14.05 | 57.29 |
| 7/29/97 | 16:18:02 | 11.7 | 14.04 | 57.27 |
| 7/29/97 | 16:48:03 | 12.1 | 14.07 | 57.33 |
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| 7/29/97 | 17:48:03 | 12.5 | 13.88 | 56.98 |
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| 7/29/97 | 18:48:04 | 13.3 | 13.89 | 57.00 |
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| 7/29/97 | 19:48:04 | 13.7 | 14.04 | 57.27 |
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| 7/29/97 | 20:48:04 | 14.4 | 14.11 | 57.39 |
| 7/29/97 | 21:18:05 | 14.1 | 14.20 | 57.56 |
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| 7/29/97 | 22:18:05 | 13.3 | 14.36 | 57.85 |
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| 7/30/97 | 0:18:06 | 11.0 | 14.43 | 57.98 |
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| 7/30/97 | 1:48:06 | 9.0 | 14.52 | 58.13 |
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| 7/30/97 | 2:48:07 | 7.9 | 14.56 | 58.20 |
| 7/30/97 | 3:18:07 | 7.8 | 14.56 | 58.20 |
| 7/30/97 | 3:48:07 | 8.0 | 14.53 | 58.15 |
| 7/30/97 | 4:18:07 | 8.1 | 14.51 | 58.12 |
| 7/30/97 | 4:48:07 | 8.4 | 14.53 | 58.15 |
| 7/30/97 | 5:18:08 | 8.8 | 14.57 | 58.23 |
| 7/30/97 | 5:48:08 | 9.2 | 14.63 | 58.33 |
| 7/30/97 | 6:18:08 | 9.7 | 14.55 | 58.18 |
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| 7/30/97 | 7:18:08 | 10.3 | 13.92 | 57.05 |
| 7/30/97 | 7:48:09 | 10.8 | 13.83 | 56.89 |
| 7/30/97 | 8:18:09 | 11.1 | 13.83 | 56.90 |
| 7/30/97 | 8:48:09 | 11.4 | 13.78 | 56.81 |
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| 7/30/97 | 9:48:09 | 11.7 | 13.94 | 57.09 |
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| 7/30/97 | 10:48:10 | 11.7 | 14.37 | 57.87 |
| 7/30/97 | 11:18:10 | 11.5 | 14.39 | 57.90 |
| 7/30/97 | 11:48:10 | 11.3 | 14.43 | 57.97 |
| 7/30/97 | 12:18:10 | 11.1 | 14.34 | 57.80 |
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| 7/30/97 | 15:18:26 | 10.3 | 14.48 | 58.06 |
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| 7/30/97 | 16:21:30 | 10.8 | 14.40 | 57.91 |
| 7/30/97 | 16:51:30 | 11.1 | 14.40 | 57.91 |
| 7/30/97 | 17:21:31 | 11.2 | 14.36 | 57.84 |
| 7/30/97 | 17:51:31 | 11.8 | 14.36 | 57.85 |
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| 7/30/97 | 18:51:31 | 13.1 | 14.47 | 58.04 |
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| 7/30/97 | 19:51:31 | 14.3 | 14.70 | 58.47 |
| 7/30/97 | 20:21:32 | 14.4 | 14.76 | 58.57 |
| 7/30/97 | 20:51:32 | 14.5 | 14.79 | 58.62 |
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| 7/30/97 | 21:51:32 | 14.2 | 14.81 | 58.65 |
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| 7/30/97 | 22:51:33 | 13.4 | 14.83 | 58.69 |
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| 7/31/97 | 0:51:34 | 10.1 | 14.80 | 58.65 |
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| 7/31/97 | 6:21:36 | 8.9 | 14.67 | 58.40 |
| 7/31/97 | 6:51:37 | 9.0 | 14.54 | 58.18 |
| 7/31/97 | 7:16:37 | 9.5 | 14.33 | 57.80 |
| 7/31/97 | 7:46:37 | 10.0 | 14.15 | 57.47 |
| 7/31/97 | 8:16:37 | 10.5 | 14.05 | 57.29 |
| 7/31/97 | 8:46:37 | 10.9 | 14.04 | 57.26 |
| 7/31/97 | 9:16:38 | 11.2 | 14.23 | 57.62 |
| 7/31/97 | 9:46:38 | 11.6 | 14.29 | 57.72 |
| 7/31/97 | 10:16:38 | 11.8 | 14.25 | 57.65 |
| 7/31/97 | 10:46:38 | 11.9 | 14.33 | 57.80 |
| 7/31/97 | 11:16:38 | 11.8 | 14.26 | 57.67 |
| 7/31/97 | 11:46:38 | 11.7 | 14.26 | 57.66 |
| 7/31/97 | 12:16:39 | 11.6 | 14.15 | 57.47 |
| 7/31/97 | 12:46:39 | 11.3 | 14.26 | 57.66 |
| 7/31/97 | 13:16:39 | 11.1 | 14.49 | 58.08 |
| 7/31/97 | 13:46:39 | 10.6 | 14.68 | 58.42 |
| 7/31/97 | 14:16:39 | 10.3 | 14.62 | 58.31 |
| 7/31/97 | 14:46:40 | 10.2 | 14.48 | 58.07 |
| 7/31/97 | 15:16:40 | 10.2 | 14.49 | 58.09 |
| 7/31/97 | 15:46:40 | 10.3 | 14.60 | 58.27 |
| 7/31/97 | 16:16:40 | 10.5 | 14.70 | 58.46 |
| 7/31/97 | 16:46:40 | 10.6 | 14.83 | 58.70 |
| 7/31/97 | 17:16:41 | 10.9 | 14.89 | 58.80 |
| 7/31/97 | 17:46:44 | 11.3 | 14.99 | 58.98 |
| 7/31/97 | 18:16:43 | 11.7 | 15.05 | 59.09 |
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| 7/31/97 | 19:16:44 | 12.5 | 14.78 | 58.60 |
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| 7/31/97 | 21:46:45 | 13.5 | 14.45 | 58.01 |
| 7/31/97 | 22:16:45 | 13.4 | 14.47 | 58.05 |
| 7/31/97 | 22:46:45 | 13.1 | 14.54 | 58.18 |
| 7/31/97 | 23:16:45 | 12.8 | 14.73 | 58.52 |
| 7/31/97 | 23:46:45 | 12.5 | 15.00 | 59.00 |