Tables:

Table 1: Back-projection results from the first 25 hours of the 2011 Tohoku, Japan aftershock sequence. Date, time, latitude (Lat.), and longitude (Lon.) are all from the back-projection analysis with time in UTC. JMA depths (Depth), JMA magnitudes (Mag.), time differences (Δt), distance differences (Δd), and azimuthal differences (ΔΦ) are only given for back-projection events that are also in the JMA catalogue. All three of the differences are given with respect to the back-projection event. For example, negative time differences mean that the JMA event takes place before the back-projection event. Both distance and azimuthal differences are given in degrees, and the time difference is given in seconds.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Time | Lat. | Lon. | Depth | Mag. | Δt | Δd | ΔΦ |
| 03/11 | 05:51:41 | 37.004 | 142.620 | 33.0 | 6.8 | -21 | 0.432 | 135.125 |
| 03/11 | 05:52:32 | 37.385 | 143.339 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 05:53:29 | 37.904 | 143.449 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 05:54:38 | 37.404 | 141.549 | 34.1 | 6.1 | -7 | 0.187 | 123.700 |
| 03/11 | 05:54:41 | 37.219 | 143.074 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 05:54:47 | 36.871 | 140.731 | 9.5 | 5.7 | -5 | 0.198 | 37.202 |
| 03/11 | 05:55:53 | 37.479 | 143.825 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 05:55:58 | 37.004 | 143.270 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 05:56:02 | 36.542 | 142.174 | 55.0 | 6.0 | -9 | 0.326 | 81.235 |
| 03/11 | 05:58:17 | 37.754 | 142.401 | 35.2 | 6.6 | -12 | 0.375 | 79.877 |
| 03/11 | 05:59:30 | 37.137 | 142.587 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 05:59:33 | 38.391 | 143.567 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 05:59:55 | 38.021 | 143.037 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 05:59:58 | 36.691 | 142.733 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:00:42 | 37.792 | 143.261 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:03:50 | 37.954 | 143.270 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:04:06 | 36.264 | 142.200 | 17.1 | 6.0 | -8 | 0.203 | 108.918 |
| 03/11 | 06:05:05 | 36.474 | 142.250 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:06:19 | 38.917 | 142.607 | 28.6 | 6.5 | -9 | 0.207 | 128.167 |
| 03/11 | 06:07:29 | 36.371 | 142.273 | 20.3 | 6.5 | -13 | 0.079 | 28.738 |
| 03/11 | 06:09:03 | 39.795 | 143.225 | 32.0 | 7.4 | -10 | 0.353 | 94.080 |
| 03/11 | 06:09:15 | 36.051 | 142.033 | 26.0 | 6.2 | -22 | 0.162 | 99.517 |
| 03/11 | 06:10:17 | 39.950 | 144.634 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:11:25 | 36.174 | 142.190 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:12:43 | 37.617 | 144.307 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:13:08 | 37.121 | 142.037 | 38.9 | 6.7 | -10 | 0.330 | 108.792 |
| 03/11 | 06:13:40 | 37.584 | 143.210 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:14:09 | 38.398 | 142.611 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:15:32 | 38.068 | 144.411 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:15:54 | 35.957 | 141.736 | 42.7 | 7.6 | -20 | 0.424 | 112.636 |
| 03/11 | 06:16:33 | 35.889 | 140.897 | 39.4 | 5.7 | 8 | 0.252 | 221.897 |
| 03/11 | 06:16:47 | 35.887 | 142.132 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:19:04 | 36.145 | 142.208 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:20:33 | 38.654 | 143.520 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:20:47 | 36.104 | 142.120 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:21:35 | 38.179 | 143.182 | 6.0 | 6.2 | -8 | 0.284 | 109.854 |
| 03/11 | 06:23:14 | 38.854 | 142.620 | 31.0 | 6.1 | -9 | 0.232 | 135.533 |
| 03/11 | 06:26:04 | 38.081 | 144.732 | 11.0 | 7.5 | -20 | 0.168 | 354.879 |
| 03/11 | 06:29:23 | 37.816 | 144.470 | 15.0 | 6.9 | -8 | 0.440 | 105.265 |
| 03/11 | 06:31:56 | 38.132 | 143.172 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:33:09 | 36.644 | 142.340 | 43.0 | 6.1 | -8 | 0.192 | 78.198 |
| 03/11 | 06:38:14 | 36.044 | 142.140 | 24.0 | 5.6 | -7 | 0.271 | 120.771 |
| 03/11 | 06:41:05 | 39.440 | 142.341 | 48.3 | 5.9 | -16 | 0.235 | 62.769 |
| 03/11 | 06:48:57 | 37.984 | 143.180 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:49:21 | 37.293 | 144.287 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:49:50 | 37.311 | 144.480 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:50:00 | 40.066 | 143.207 | 6.9 | 5.9 | -10 | 0.453 | 95.387 |
| 03/11 | 06:52:35 | 38.054 | 143.270 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 06:55:49 | 36.621 | 142.420 | 79.4 | 5.4 | -8 | 0.317 | 82.281 |
| 03/11 | 06:57:24 | 35.792 | 141.432 | 27.5 | 6.2 | -11 | 0.205 | 97.512 |
| 03/11 | 07:01:19 | 36.587 | 144.003 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 07:03:11 | 38.004 | 143.170 | 23.0 | 5.8 | -10 | 0.331 | 115.276 |
| 03/11 | 07:04:25 | 38.924 | 142.670 | 23.8 | 5.7 | -10 | 0.198 | 107.883 |
| 03/11 | 07:05:31 | 38.417 | 143.707 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 07:06:07 | 38.504 | 144.291 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 07:10:07 | 36.704 | 142.420 | 23.0 | 5.5 | -13 | 0.257 | 82.532 |
| 03/11 | 07:11:07 | 37.718 | 143.149 | 27.0 | 6.2 | -11 | 0.251 | 113.688 |
| 03/11 | 07:13:57 | 35.915 | 142.153 | 50.0 | 5.8 | -12 | 0.148 | 104.423 |
| 03/11 | 07:14:08 | 39.154 | 143.820 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 07:15:10 | 36.704 | 142.370 | 25.0 | 6.8 | -13 | 0.302 | 60.794 |
| 03/11 | 07:17:56 | 37.221 | 142.837 | 20.0 | 6.5 | -14 | 0.211 | 67.892 |
| 03/11 | 07:23:20 | 37.315 | 142.787 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 07:25:54 | 37.971 | 144.720 | 40.0 | 6.2 | -18 | 0.195 | 118.368 |
| 03/11 | 07:28:22 | 36.893 | 142.353 | 44.0 | 6.2 | -11 | 0.383 | 89.557 |
| 03/11 | 07:29:07 | 38.891 | 142.733 | 17.0 | 6.6 | -8 | 0.353 | 111.629 |
| 03/11 | 07:30:24 | 37.304 | 141.500 | 27.0 | 5.9 | -9 | 0.200 | 107.654 |
| 03/11 | 07:33:57 | 36.204 | 142.220 | 19.0 | 5.2 | -27 | 0.108 | 143.763 |
| 03/11 | 07:34:23 | 38.787 | 142.703 | 24.2 | 5.6 | -12 | 0.159 | 129.505 |
| 03/11 | 07:35:04 | 37.918 | 142.991 | 13.1 | 5.7 | -13 | 0.198 | 107.242 |
| 03/11 | 07:36:03 | 37.104 | 142.720 | 28.0 | 6.0 | -14 | 0.192 | 76.668 |
| 03/11 | 07:38:35 | 39.104 | 143.220 | 16.2 | 5.8 | -9 | 0.354 | 114.975 |
| 03/11 | 07:43:17 | 36.115 | 142.187 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 07:44:03 | 37.221 | 142.737 | 46.0 | 5.5 | -12 | 0.181 | 60.787 |
| 03/11 | 07:44:39 | 36.264 | 142.200 | 60.0 | 5.6 | -10 | 0.244 | 98.639 |
| 03/11 | 07:48:01 | 38.435 | 143.643 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 07:48:02 | 39.054 | 143.570 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 07:50:15 | 36.113 | 142.093 | 34.4 | 5.5 | -30 | 0.454 | 167.029 |
| 03/11 | 07:54:50 | 37.621 | 141.803 | 35.4 | 5.5 | -7 | 0.106 | 116.961 |
| 03/11 | 07:56:24 | 37.104 | 142.820 | 11.2 | 6.2 | -15 | 0.208 | 74.567 |
| 03/11 | 08:00:03 | 37.304 | 143.120 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:01:23 | 36.833 | 142.620 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:02:13 | 36.913 | 143.556 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:03:10 | 36.820 | 144.082 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:03:19 | 36.364 | 142.140 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:05:03 | 37.257 | 142.587 | 19.2 | 5.9 | -10 | 0.380 | 90.308 |
| 03/11 | 08:06:32 | 37.492 | 143.132 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:10:14 | 37.904 | 142.945 | 37.0 | 5.5 | -11 | 0.293 | 85.773 |
| 03/11 | 08:10:40 | 35.891 | 141.932 | 18.5 | 5.4 | -12 | 0.245 | 132.542 |
| 03/11 | 08:10:43 | 38.716 | 142.745 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:11:27 | 36.324 | 142.450 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:11:31 | 39.354 | 143.470 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:12:15 | 36.579 | 141.987 | 32.5 | 6.6 | -9 | 0.484 | 86.265 |
| 03/11 | 08:14:43 | 37.374 | 143.170 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:15:47 | 36.942 | 144.658 | 32.0 | 6.5 | -4 | 0.452 | 135.362 |
| 03/11 | 08:17:31 | 37.779 | 144.520 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:19:37 | 36.113 | 142.056 | 35.5 | 6.8 | -20 | 0.278 | 99.004 |
| 03/11 | 08:21:22 | 38.316 | 142.881 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:25:14 | 37.079 | 143.945 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:26:48 | 37.371 | 143.353 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:27:08 | 37.664 | 142.972 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:27:59 | 37.986 | 143.038 | 30.0 | 6.2 | -11 | 0.204 | 103.240 |
| 03/11 | 08:31:18 | 37.559 | 141.538 | 30.7 | 5.9 | -11 | 0.157 | 54.182 |
| 03/11 | 08:31:48 | 37.161 | 142.849 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:33:09 | 39.104 | 143.220 | 12.1 | 6.0 | -10 | 0.227 | 115.268 |
| 03/11 | 08:33:48 | 39.818 | 144.470 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:33:55 | 40.101 | 142.975 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:35:32 | 36.044 | 141.440 | 37.3 | 5.2 | -10 | 0.249 | 95.662 |
| 03/11 | 08:38:13 | 37.654 | 143.920 | 30.0 | 5.9 | -10 | 0.273 | 122.211 |
| 03/11 | 08:39:20 | 37.571 | 143.220 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:39:36 | 36.104 | 142.120 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:40:23 | 39.596 | 143.745 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:41:03 | 37.471 | 141.473 | 29.9 | 6.0 | -9 | 0.166 | 73.451 |
| 03/11 | 08:42:16 | 37.977 | 143.420 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:44:10 | 36.130 | 142.488 | 0.0 | 6.0 | -17 | 0.352 | 113.329 |
| 03/11 | 08:46:55 | 37.354 | 142.820 | 15.0 | 5.9 | -11 | 0.352 | 105.516 |
| 03/11 | 08:48:34 | 36.693 | 142.353 | 28.0 | 5.3 | -12 | 0.199 | 101.248 |
| 03/11 | 08:51:14 | 38.921 | 142.637 | 29.7 | 4.7 | -3 | 0.286 | 140.858 |
| 03/11 | 08:51:16 | 37.754 | 143.370 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:52:34 | 36.691 | 142.333 | 0.1 | 5.6 | -14 | 0.319 | 104.594 |
| 03/11 | 08:53:00 | 37.071 | 142.803 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:53:07 | 38.126 | 142.076 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:54:13 | 37.644 | 141.840 | 39.5 | 5.0 | -6 | 0.131 | 96.974 |
| 03/11 | 08:55:16 | 36.671 | 141.853 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 08:56:36 | 39.575 | 143.934 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:00:37 | 37.515 | 143.787 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:02:24 | 37.262 | 142.778 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:04:20 | 37.554 | 143.120 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:06:09 | 37.804 | 143.070 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:07:10 | 36.054 | 142.170 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:09:22 | 37.671 | 143.531 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:11:41 | 37.564 | 143.200 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:12:18 | 35.954 | 141.970 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:14:48 | 35.620 | 142.583 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:16:35 | 37.947 | 140.491 | 6.8 | 5.1 | -11 | 0.124 | 69.734 |
| 03/11 | 09:17:41 | 39.947 | 143.891 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:18:54 | 36.054 | 142.420 | 58.7 | 4.6 | -9 | 0.401 | 101.815 |
| 03/11 | 09:19:18 | 37.444 | 144.100 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:20:58 | 39.004 | 143.670 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:24:47 | 36.204 | 141.970 | 39.9 | 4.4 | -21 | 0.265 | 97.270 |
| 03/11 | 09:26:00 | 36.129 | 142.120 | 53.8 | 4.8 | -10 | 0.204 | 98.933 |
| 03/11 | 09:27:46 | 38.216 | 142.408 | 36.2 | 5.4 | -9 | 0.187 | 115.563 |
| 03/11 | 09:28:04 | 37.354 | 143.320 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:31:24 | 36.664 | 142.600 | 12.5 | 4.9 | -9 | 0.459 | 99.864 |
| 03/11 | 09:33:59 | 38.612 | 144.412 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:34:16 | 37.754 | 143.270 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:35:42 | 37.516 | 143.908 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:37:17 | 35.933 | 142.020 | 30.5 | 5.3 | -11 | 0.222 | 116.371 |
| 03/11 | 09:39:13 | 36.521 | 142.837 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:40:25 | 37.061 | 142.491 | 9.0 | 5.1 | -17 | 0.304 | 151.799 |
| 03/11 | 09:41:05 | 36.524 | 142.100 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:41:47 | 36.624 | 142.460 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:42:30 | 39.459 | 142.938 | 24.0 | 5.6 | -10 | 0.147 | 104.921 |
| 03/11 | 09:45:33 | 36.715 | 142.687 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:45:39 | 37.304 | 144.070 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:47:10 | 39.579 | 143.478 | 28.0 | 5.7 | -12 | 0.169 | 94.355 |
| 03/11 | 09:49:23 | 39.429 | 143.620 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:49:24 | 37.904 | 143.143 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:51:12 | 36.279 | 142.220 | 44.0 | 4.4 | -9 | 0.205 | 92.162 |
| 03/11 | 09:51:35 | 38.334 | 144.500 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:52:49 | 37.664 | 142.100 | 32.3 | 4.9 | -8 | 0.197 | 96.031 |
| 03/11 | 09:53:48 | 37.554 | 144.420 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 09:55:14 | 37.995 | 142.984 | 20.0 | 5.4 | -11 | 0.290 | 109.861 |
| 03/11 | 09:55:32 | 36.689 | 142.158 | 0.0 | 5.4 | -11 | 0.293 | 101.926 |
| 03/11 | 09:58:41 | 37.044 | 141.500 | 40.1 | 4.7 | -9 | 0.163 | 96.976 |
| 03/11 | 10:00:01 | 38.747 | 144.449 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:00:04 | 36.679 | 142.658 | 36.0 | 5.0 | -12 | 0.289 | 84.931 |
| 03/11 | 10:00:38 | 37.354 | 143.370 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:04:43 | 36.716 | 142.307 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:05:19 | 36.621 | 142.037 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:10:46 | 39.217 | 142.247 | 43.8 | 6.2 | -7 | 0.138 | 147.818 |
| 03/11 | 10:13:03 | 38.537 | 141.987 | 45.8 | 5.3 | 9 | 0.103 | 148.473 |
| 03/11 | 10:16:24 | 36.204 | 142.120 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:19:36 | 36.804 | 144.570 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:20:02 | 35.979 | 141.920 | 26.0 | 4.5 | -12 | 0.178 | 139.378 |
| 03/11 | 10:20:37 | 36.954 | 142.620 | 11.7 | 5.8 | -13 | 0.269 | 80.067 |
| 03/11 | 10:21:16 | 37.249 | 142.302 | 22.0 | 5.5 | -9 | 0.330 | 106.995 |
| 03/11 | 10:22:03 | 38.016 | 143.107 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:22:16 | 36.716 | 142.807 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:24:12 | 37.564 | 143.400 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:27:02 | 36.733 | 141.920 | 45.8 | 4.5 | -9 | 0.344 | 93.542 |
| 03/11 | 10:28:28 | 37.904 | 143.720 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:28:52 | 39.313 | 143.856 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:32:40 | 39.054 | 142.620 | 28.0 | 4.8 | -8 | 0.228 | 130.796 |
| 03/11 | 10:34:36 | 38.244 | 144.340 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:35:06 | 38.037 | 143.003 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:35:45 | 37.154 | 141.620 | 49.1 | 5.1 | -9 | 0.236 | 69.096 |
| 03/11 | 10:39:20 | 38.844 | 143.040 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:39:28 | 35.944 | 142.200 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:40:02 | 37.429 | 143.145 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:41:05 | 36.721 | 142.837 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:41:06 | 37.044 | 144.200 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:42:26 | 37.471 | 142.931 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:44:08 | 38.354 | 143.370 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:45:53 | 38.404 | 143.753 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:45:53 | 35.804 | 141.587 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:47:22 | 37.554 | 143.320 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:48:19 | 38.314 | 143.740 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:52:16 | 38.516 | 143.607 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:54:04 | 37.044 | 141.540 | 49.8 | 4.2 | 7 | 0.197 | 101.631 |
| 03/11 | 10:56:01 | 37.264 | 142.900 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:58:13 | 38.957 | 142.533 | 32.2 | 4.9 | -9 | 0.142 | 114.886 |
| 03/11 | 10:58:29 | 36.564 | 142.600 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 10:59:46 | 37.424 | 142.760 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:00:24 | 37.479 | 144.020 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:00:59 | 37.671 | 141.853 | 46.1 | 5.5 | -6 | 0.110 | 117.617 |
| 03/11 | 11:02:36 | 39.054 | 143.220 | 22.0 | 5.3 | -11 | 0.232 | 119.603 |
| 03/11 | 11:03:54 | 37.554 | 144.370 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:04:04 | 38.174 | 143.590 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:06:18 | 38.054 | 143.020 | 13.0 | 5.0 | -14 | 0.260 | 103.688 |
| 03/11 | 11:07:17 | 37.266 | 143.143 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:08:55 | 37.444 | 142.940 | 11.0 | 5.0 | -12 | 0.348 | 96.624 |
| 03/11 | 11:09:54 | 36.554 | 143.520 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:11:08 | 35.645 | 142.208 | 27.9 | 5.9 | -14 | 0.114 | 138.683 |
| 03/11 | 11:13:21 | 36.333 | 142.120 | 37.0 | 5.6 | -11 | 0.140 | 84.620 |
| 03/11 | 11:16:01 | 39.054 | 143.720 | 35.0 | 5.4 | -10 | 0.143 | 95.170 |
| 03/11 | 11:16:58 | 36.654 | 142.053 | 42.5 | 5.5 | -9 | 0.278 | 84.326 |
| 03/11 | 11:19:04 | 37.837 | 143.820 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:19:15 | 36.587 | 143.620 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:19:31 | 37.254 | 143.970 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:21:09 | 35.766 | 141.295 | 38.5 | 5.6 | -10 | 0.082 | 110.592 |
| 03/11 | 11:21:37 | 37.504 | 143.400 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:22:09 | 38.186 | 142.243 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:22:41 | 38.079 | 141.776 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:25:52 | 35.612 | 142.237 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:26:04 | 38.254 | 142.470 | 34.5 | 5.0 | -6 | 0.235 | 143.496 |
| 03/11 | 11:27:30 | 39.079 | 143.578 | 0.0 | 5.7 | -10 | 0.291 | 129.705 |
| 03/11 | 11:28:59 | 38.604 | 142.370 | 35.2 | 5.2 | -7 | 0.127 | 136.411 |
| 03/11 | 11:29:50 | 37.944 | 144.100 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:30:32 | 39.129 | 143.828 | 0.0 | 5.7 | -16 | 0.225 | 135.603 |
| 03/11 | 11:31:20 | 38.254 | 140.720 | 8.6 | 5.2 | -13 | 0.195 | 68.203 |
| 03/11 | 11:32:34 | 38.975 | 143.520 | 11.0 | 5.7 | -10 | 0.217 | 116.224 |
| 03/11 | 11:36:50 | 39.095 | 142.884 | 23.6 | 6.7 | -11 | 0.272 | 119.623 |
| 03/11 | 11:39:32 | 38.304 | 142.491 | 25.3 | 5.8 | -5 | 0.192 | 97.691 |
| 03/11 | 11:42:21 | 39.312 | 142.987 | 15.5 | 5.7 | -12 | 0.138 | 107.660 |
| 03/11 | 11:44:37 | 36.704 | 142.820 | 13.0 | 5.7 | -14 | 0.296 | 88.341 |
| 03/11 | 11:46:53 | 36.033 | 141.520 | 41.2 | 5.4 | -10 | 0.280 | 95.834 |
| 03/11 | 11:49:33 | 37.971 | 144.553 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:53:36 | 39.137 | 142.887 | 21.5 | 4.9 | -11 | 0.208 | 108.381 |
| 03/11 | 11:54:09 | 37.054 | 142.920 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:55:41 | 36.379 | 142.220 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:55:44 | 38.524 | 143.260 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:56:22 | 36.179 | 141.820 | 40.3 | 5.3 | -9 | 0.155 | 131.046 |
| 03/11 | 11:56:44 | 37.704 | 143.291 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 11:57:23 | 39.159 | 142.438 | 28.7 | 5.3 | -9 | 0.150 | 138.912 |
| 03/11 | 11:59:03 | 35.604 | 142.270 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:00:22 | 35.761 | 141.372 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:01:22 | 37.754 | 143.320 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:01:54 | 37.884 | 144.580 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:02:04 | 39.089 | 143.000 | 24.2 | 5.1 | -19 | 0.351 | 109.871 |
| 03/11 | 12:02:51 | 39.304 | 143.070 | 36.1 | 4.5 | 0 | 0.449 | 76.157 |
| 03/11 | 12:04:25 | 36.454 | 142.920 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:08:04 | 38.271 | 143.420 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:08:49 | 37.104 | 142.970 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:10:27 | 38.854 | 144.720 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:12:09 | 37.844 | 143.540 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:13:03 | 38.015 | 142.987 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:13:14 | 37.295 | 142.484 | 26.0 | 6.2 | -11 | 0.223 | 71.623 |
| 03/11 | 12:15:38 | 39.292 | 143.833 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:15:51 | 39.054 | 142.520 | 23.4 | 5.9 | -9 | 0.114 | 128.462 |
| 03/11 | 12:20:46 | 36.271 | 141.553 | 42.7 | 3.8 | -5 | 0.275 | 101.449 |
| 03/11 | 12:20:53 | 37.240 | 142.665 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:21:36 | 37.592 | 141.533 | 23.2 | 4.9 | -15 | 0.215 | 59.161 |
| 03/11 | 12:22:22 | 39.233 | 142.834 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:24:46 | 36.513 | 142.193 | 23.0 | 5.2 | -11 | 0.262 | 78.229 |
| 03/11 | 12:26:18 | 38.239 | 143.661 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:27:33 | 37.629 | 142.845 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:28:53 | 36.191 | 142.132 | 23.0 | 5.1 | -12 | 0.219 | 93.060 |
| 03/11 | 12:29:43 | 36.733 | 143.806 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:30:33 | 36.547 | 144.268 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:33:24 | 37.987 | 143.003 | 10.0 | 5.1 | -14 | 0.210 | 112.357 |
| 03/11 | 12:34:45 | 37.986 | 143.465 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:35:34 | 39.071 | 143.776 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:35:59 | 39.221 | 142.470 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:42:05 | 37.954 | 142.970 | 12.0 | 4.6 | -10 | 0.207 | 106.794 |
| 03/11 | 12:49:10 | 36.133 | 142.020 | 35.5 | 5.3 | -10 | 0.236 | 117.769 |
| 03/11 | 12:49:31 | 38.044 | 143.040 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:51:08 | 39.421 | 143.537 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:52:22 | 38.154 | 142.470 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 12:54:59 | 38.461 | 142.291 | 39.3 | 5.1 | -8 | 0.122 | 110.575 |
| 03/11 | 12:56:14 | 37.831 | 142.438 | 29.0 | 5.3 | -11 | 0.310 | 82.849 |
| 03/11 | 12:59:30 | 36.093 | 142.153 | 35.0 | 5.3 | -12 | 0.201 | 105.831 |
| 03/11 | 13:02:52 | 36.637 | 142.337 | 55.0 | 4.8 | -13 | 0.186 | 69.097 |
| 03/11 | 13:08:22 | 39.054 | 142.920 | 26.4 | 4.8 | -10 | 0.301 | 114.247 |
| 03/11 | 13:13:15 | 37.837 | 143.587 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:14:47 | 37.629 | 143.920 | 53.0 | 4.8 | -8 | 0.310 | 142.859 |
| 03/11 | 13:15:52 | 37.275 | 142.320 | 25.8 | 5.2 | -9 | 0.315 | 97.171 |
| 03/11 | 13:16:58 | 36.417 | 142.207 | 28.0 | 5.7 | -10 | 0.293 | 91.847 |
| 03/11 | 13:18:26 | 37.634 | 143.190 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:21:09 | 36.537 | 142.353 | 63.0 | 4.4 | -11 | 0.403 | 79.716 |
| 03/11 | 13:21:24 | 37.237 | 142.964 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:22:19 | 36.544 | 142.340 | 80.0 | 4.4 | -10 | 0.459 | 80.439 |
| 03/11 | 13:23:52 | 37.537 | 141.787 | 29.8 | 4.5 | -12 | 0.292 | 61.263 |
| 03/11 | 13:25:04 | 37.154 | 143.970 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:26:40 | 35.666 | 142.358 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:29:21 | 36.937 | 142.587 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:32:03 | 36.475 | 142.234 | 46.0 | 4.6 | -9 | 0.305 | 85.187 |
| 03/11 | 13:32:04 | 39.244 | 143.240 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:33:03 | 38.391 | 144.632 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:33:51 | 36.459 | 142.211 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:34:43 | 36.133 | 142.063 | 23.0 | 5.6 | -11 | 0.186 | 144.736 |
| 03/11 | 13:35:54 | 39.254 | 143.620 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:42:46 | 37.441 | 143.045 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:43:19 | 38.871 | 144.403 | 39.0 | 5.7 | -12 | 0.205 | 137.431 |
| 03/11 | 13:48:47 | 38.293 | 143.398 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:49:45 | 37.957 | 143.936 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:50:42 | 37.371 | 144.287 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:52:18 | 36.644 | 142.040 | 45.0 | 4.9 | -8 | 0.170 | 99.751 |
| 03/11 | 13:53:39 | 36.415 | 142.031 | 58.4 | 4.5 | 0 | 0.167 | 85.818 |
| 03/11 | 13:54:54 | 38.554 | 142.570 | 31.2 | 4.4 | -8 | 0.195 | 112.844 |
| 03/11 | 13:55:36 | 37.917 | 143.207 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:56:05 | 37.171 | 142.670 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 13:56:11 | 37.637 | 141.887 | 46.4 | 5.3 | -6 | 0.134 | 102.466 |
| 03/11 | 13:58:58 | 36.648 | 142.098 | 35.9 | 5.1 | -10 | 0.213 | 99.945 |
| 03/11 | 14:00:45 | 36.086 | 141.165 | 43.4 | 5.4 | -8 | 0.239 | 104.938 |
| 03/11 | 14:02:15 | 37.254 | 143.170 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:07:43 | 39.071 | 142.587 | 29.4 | 4.4 | -4 | 0.228 | 138.453 |
| 03/11 | 14:09:08 | 36.864 | 143.600 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:10:48 | 37.487 | 142.303 | 31.1 | 5.2 | -10 | 0.244 | 94.134 |
| 03/11 | 14:13:56 | 37.944 | 143.340 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:15:07 | 36.347 | 142.191 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:19:17 | 36.254 | 142.020 | 35.0 | 4.6 | -11 | 0.136 | 96.269 |
| 03/11 | 14:20:35 | 37.544 | 143.440 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:21:31 | 36.987 | 142.553 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:26:43 | 37.454 | 142.720 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:27:53 | 37.229 | 144.157 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:28:52 | 38.264 | 142.140 | 41.8 | 4.9 | -3 | 0.111 | 126.382 |
| 03/11 | 14:31:03 | 38.016 | 142.783 | 29.0 | 5.0 | -6 | 0.428 | 127.122 |
| 03/11 | 14:32:08 | 35.954 | 141.470 | 26.0 | 4.6 | -10 | 0.176 | 120.694 |
| 03/11 | 14:32:18 | 39.364 | 143.400 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:33:19 | 37.716 | 144.333 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:37:46 | 38.764 | 144.400 | 30.0 | 5.1 | -8 | 0.287 | 120.667 |
| 03/11 | 14:38:00 | 37.221 | 143.887 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:38:38 | 39.054 | 143.170 | 10.5 | 5.0 | -11 | 0.233 | 133.217 |
| 03/11 | 14:42:27 | 39.544 | 142.840 | 32.0 | 4.4 | -6 | 0.226 | 106.074 |
| 03/11 | 14:44:16 | 36.614 | 141.182 | 47.3 | 4.9 | -7 | 0.166 | 100.714 |
| 03/11 | 14:46:03 | 37.344 | 142.840 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:49:22 | 38.104 | 144.420 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:52:36 | 37.316 | 142.908 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:54:13 | 35.924 | 142.250 | 13.0 | 5.4 | -15 | 0.123 | 131.844 |
| 03/11 | 14:54:13 | 38.054 | 142.970 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 14:56:24 | 35.893 | 141.653 | 31.2 | 5.8 | -11 | 0.104 | 139.590 |
| 03/11 | 15:01:45 | 38.954 | 142.570 | 29.4 | 4.9 | -7 | 0.200 | 140.177 |
| 03/11 | 15:04:07 | 38.004 | 143.220 | 0.8 | 5.1 | -10 | 0.359 | 112.967 |
| 03/11 | 15:06:32 | 37.204 | 142.120 | 35.2 | 4.8 | -8 | 0.300 | 106.735 |
| 03/11 | 15:07:51 | 36.316 | 141.908 | 40.6 | 5.4 | -10 | 0.314 | 101.071 |
| 03/11 | 15:10:22 | 35.854 | 141.670 | 28.4 | 3.9 | 3 | 0.221 | 139.155 |
| 03/11 | 15:12:15 | 37.054 | 142.270 | 42.0 | 4.3 | -10 | 0.220 | 110.922 |
| 03/11 | 15:13:25 | 35.957 | 142.087 | 22.8 | 6.7 | -13 | 0.119 | 144.326 |
| 03/11 | 15:20:15 | 36.279 | 142.278 | 0.0 | 6.3 | -11 | 0.326 | 114.917 |
| 03/11 | 15:21:29 | 38.387 | 143.503 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:22:35 | 35.704 | 141.970 | 12.0 | 4.9 | -11 | 0.260 | 141.735 |
| 03/11 | 15:26:11 | 37.279 | 142.820 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:29:26 | 38.524 | 140.287 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:32:43 | 37.264 | 142.650 | 13.6 | 5.3 | -12 | 0.382 | 96.320 |
| 03/11 | 15:32:58 | 36.454 | 141.833 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:34:39 | 38.671 | 144.553 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:36:24 | 38.804 | 143.070 | 13.2 | 5.0 | -10 | 0.302 | 112.305 |
| 03/11 | 15:38:42 | 38.771 | 143.053 | 37.3 | 4.2 | -10 | 0.303 | 117.815 |
| 03/11 | 15:39:57 | 38.679 | 144.495 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:39:58 | 36.404 | 142.170 | 62.0 | 4.5 | -11 | 0.235 | 83.074 |
| 03/11 | 15:41:01 | 38.524 | 143.660 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:42:16 | 36.104 | 142.100 | 16.4 | 5.5 | -14 | 0.162 | 99.174 |
| 03/11 | 15:44:16 | 37.840 | 143.284 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:44:30 | 38.521 | 144.737 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:45:23 | 39.089 | 142.428 | 33.5 | 4.5 | -19 | 0.104 | 163.568 |
| 03/11 | 15:46:12 | 36.054 | 142.220 | 17.0 | 4.7 | -11 | 0.292 | 104.558 |
| 03/11 | 15:48:57 | 36.354 | 142.970 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:51:09 | 37.475 | 142.720 | 13.9 | 5.0 | -12 | 0.361 | 97.993 |
| 03/11 | 15:51:52 | 38.604 | 143.237 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 15:55:34 | 36.671 | 142.153 | 44.3 | 4.7 | -9 | 0.265 | 95.529 |
| 03/11 | 15:57:10 | 36.421 | 142.220 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:00:48 | 38.516 | 143.845 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:02:23 | 36.793 | 143.853 | 69.0 | 5.1 | -20 | 0.279 | 345.532 |
| 03/11 | 16:05:01 | 39.191 | 144.595 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:07:27 | 38.137 | 143.153 | 8.0 | 4.9 | -14 | 0.455 | 84.527 |
| 03/11 | 16:08:33 | 37.333 | 144.234 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:11:40 | 39.504 | 143.670 | 2.1 | 5.8 | -17 | 0.080 | 141.021 |
| 03/11 | 16:18:10 | 37.687 | 144.203 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:21:01 | 36.244 | 142.340 | 25.0 | 4.9 | -12 | 0.244 | 92.966 |
| 03/11 | 16:25:18 | 37.104 | 143.920 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:27:03 | 38.054 | 144.820 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:31:10 | 38.829 | 143.145 | 0.0 | 4.5 | -6 | 0.349 | 96.104 |
| 03/11 | 16:34:29 | 39.454 | 143.620 | 13.0 | 4.9 | -12 | 0.154 | 50.946 |
| 03/11 | 16:37:09 | 36.404 | 143.220 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:42:25 | 38.404 | 143.270 | 7.2 | 4.8 | -7 | 0.323 | 97.535 |
| 03/11 | 16:45:13 | 37.871 | 144.353 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:47:27 | 37.554 | 143.920 | 42.0 | 4.9 | -9 | 0.277 | 162.028 |
| 03/11 | 16:49:26 | 35.971 | 141.470 | 45.3 | 4.6 | -10 | 0.217 | 117.615 |
| 03/11 | 16:53:08 | 36.075 | 142.420 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 16:56:01 | 37.754 | 143.470 | 30.0 | 5.1 | -11 | 0.206 | 91.035 |
| 03/11 | 16:56:52 | 38.171 | 142.453 | 42.0 | 5.3 | -8 | 0.221 | 117.136 |
| 03/11 | 17:00:01 | 37.804 | 144.349 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 17:00:03 | 38.764 | 144.500 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 17:11:45 | 38.354 | 143.270 | 18.7 | 4.6 | -8 | 0.269 | 114.973 |
| 03/11 | 17:12:49 | 37.490 | 144.163 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 17:15:04 | 38.921 | 142.637 | 26.4 | 5.0 | -9 | 0.211 | 127.037 |
| 03/11 | 17:17:05 | 36.887 | 144.303 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 17:17:38 | 35.457 | 141.936 | 22.0 | 6.1 | -15 | 0.092 | 305.795 |
| 03/11 | 17:23:05 | 36.654 | 142.770 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 17:24:06 | 35.975 | 142.220 | 32.0 | 5.2 | -11 | 0.279 | 120.947 |
| 03/11 | 17:30:57 | 37.421 | 141.537 | 18.3 | 5.0 | -11 | 0.181 | 87.072 |
| 03/11 | 17:32:20 | 36.904 | 144.720 | 43.0 | 5.8 | -6 | 0.312 | 121.868 |
| 03/11 | 17:35:27 | 36.954 | 142.920 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 17:38:02 | 39.354 | 143.670 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 17:38:34 | 36.464 | 142.940 | 45.0 | 4.4 | -8 | 0.357 | 83.914 |
| 03/11 | 17:47:23 | 37.544 | 143.840 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 17:50:35 | 35.929 | 142.245 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 17:51:32 | 36.864 | 142.600 | 32.0 | 5.0 | -12 | 0.420 | 79.976 |
| 03/11 | 17:56:57 | 37.624 | 141.560 | 29.6 | 4.4 | -10 | 0.243 | 52.394 |
| 03/11 | 18:02:36 | 36.775 | 142.620 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 18:04:56 | 37.187 | 144.803 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 18:10:32 | 38.024 | 144.060 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 18:11:35 | 37.191 | 142.533 | 25.5 | 6.0 | -10 | 0.404 | 87.012 |
| 03/11 | 18:13:50 | 36.361 | 142.449 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 18:17:15 | 36.187 | 142.103 | 16.0 | 5.7 | -12 | 0.251 | 106.313 |
| 03/11 | 18:17:53 | 38.484 | 143.380 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 18:34:25 | 37.087 | 144.703 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 18:39:47 | 37.954 | 143.270 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 18:43:09 | 39.004 | 143.570 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 18:44:14 | 36.837 | 141.320 | 47.3 | 5.0 | -6 | 0.137 | 104.307 |
| 03/11 | 18:55:24 | 35.754 | 142.020 | 15.8 | 4.8 | -13 | 0.247 | 140.917 |
| 03/11 | 18:59:31 | 37.018 | 139.013 | 8.4 | 6.7 | -16 | 0.333 | 84.360 |
| 03/11 | 19:03:08 | 39.292 | 143.233 | 8.5 | 6.3 | -11 | 0.236 | 104.872 |
| 03/11 | 19:08:04 | 36.579 | 142.557 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 19:08:51 | 36.354 | 141.020 | 34.7 | 5.2 | -10 | 0.089 | 40.449 |
| 03/11 | 19:12:57 | 37.031 | 139.038 | 12.1 | 4.3 | -13 | 0.292 | 90.087 |
| 03/11 | 19:24:39 | 35.675 | 141.220 | 35.1 | 5.7 | -11 | 0.168 | 119.975 |
| 03/11 | 19:30:36 | 36.054 | 142.270 | 5.0 | 4.4 | -11 | 0.323 | 121.284 |
| 03/11 | 19:32:08 | 36.987 | 139.003 | 0.8 | 5.9 | -13 | 0.346 | 83.574 |
| 03/11 | 19:35:20 | 38.691 | 143.432 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 19:40:19 | 37.504 | 143.670 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 19:45:33 | 37.554 | 141.920 | 25.7 | 5.2 | -11 | 0.211 | 72.298 |
| 03/11 | 19:47:02 | 40.442 | 139.458 | 3.9 | 6.4 | -16 | 0.285 | 80.184 |
| 03/11 | 19:56:08 | 38.864 | 144.500 | 45.0 | 4.7 | -4 | 0.391 | 157.179 |
| 03/11 | 19:58:58 | 36.133 | 141.363 | 42.5 | 4.8 | -9 | 0.279 | 116.089 |
| 03/11 | 20:01:41 | 38.054 | 144.070 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 20:08:42 | 40.354 | 139.370 | 28.4 | 4.8 | -13 | 0.175 | 81.057 |
| 03/11 | 20:11:34 | 38.893 | 143.053 | 6.1 | 6.4 | -13 | 0.245 | 108.726 |
| 03/11 | 20:17:17 | 37.154 | 144.170 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 20:22:47 | 38.479 | 142.020 | 50.0 | 4.6 | -6 | 0.139 | 129.140 |
| 03/11 | 20:23:04 | 37.277 | 142.693 | 52.0 | 4.9 | -9 | 0.210 | 141.302 |
| 03/11 | 20:23:52 | 35.754 | 141.970 | 9.7 | 5.4 | -9 | 0.322 | 129.256 |
| 03/11 | 20:25:31 | 37.092 | 142.233 | 28.4 | 5.1 | -10 | 0.277 | 88.033 |
| 03/11 | 20:26:28 | 37.640 | 143.575 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 20:26:41 | 38.054 | 142.670 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 20:28:11 | 39.429 | 142.982 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 20:33:27 | 37.754 | 143.270 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 20:34:51 | 37.122 | 141.175 | 49.1 | 5.1 | -10 | 0.179 | 347.417 |
| 03/11 | 20:36:19 | 37.804 | 143.220 | 4.0 | 5.6 | -10 | 0.390 | 89.702 |
| 03/11 | 20:41:44 | 37.633 | 143.920 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 20:42:35 | 37.039 | 139.026 | 3.8 | 5.3 | -16 | 0.354 | 79.135 |
| 03/11 | 20:42:50 | 38.316 | 142.508 | 33.6 | 5.0 | -9 | 0.238 | 126.211 |
| 03/11 | 20:45:23 | 36.675 | 142.477 | 23.0 | 4.8 | -12 | 0.248 | 84.131 |
| 03/11 | 20:46:13 | 39.054 | 142.870 | 26.2 | 4.9 | -6 | 0.260 | 119.650 |
| 03/11 | 20:47:07 | 39.064 | 143.240 | 21.7 | 4.9 | -11 | 0.275 | 95.309 |
| 03/11 | 20:50:09 | 37.354 | 142.870 | 27.0 | 4.7 | -5 | 0.255 | 80.193 |
| 03/11 | 20:51:32 | 38.954 | 144.570 | 0.0 | 5.1 | -9 | 0.471 | 94.800 |
| 03/11 | 20:54:58 | 38.729 | 144.420 | 38.0 | 4.8 | -4 | 0.455 | 124.832 |
| 03/11 | 21:00:54 | 38.924 | 142.950 | 11.9 | 5.5 | -13 | 0.213 | 116.431 |
| 03/11 | 21:03:42 | 37.821 | 143.237 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 21:14:06 | 36.647 | 142.649 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 21:29:34 | 39.204 | 142.470 | 32.8 | 4.7 | -6 | 0.105 | 67.529 |
| 03/11 | 21:30:45 | 37.404 | 142.820 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 21:31:18 | 38.854 | 142.970 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 21:34:32 | 37.554 | 141.570 | 22.6 | 4.8 | -10 | 0.231 | 63.695 |
| 03/11 | 21:42:08 | 37.279 | 142.758 | 2.0 | 5.6 | -14 | 0.185 | 89.003 |
| 03/11 | 21:47:36 | 38.904 | 144.820 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 21:48:52 | 35.804 | 141.240 | 11.2 | 4.6 | -12 | 0.239 | 105.966 |
| 03/11 | 21:56:44 | 37.804 | 143.770 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:04:13 | 38.304 | 142.520 | 37.9 | 4.4 | -5 | 0.225 | 123.095 |
| 03/11 | 22:08:20 | 39.617 | 143.508 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:12:09 | 40.637 | 143.887 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:14:43 | 37.715 | 144.364 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:14:59 | 36.112 | 140.212 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:18:07 | 37.029 | 143.720 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:18:54 | 36.864 | 142.000 | 34.9 | 4.6 | -17 | 0.383 | 68.741 |
| 03/11 | 22:19:44 | 36.304 | 141.970 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:19:57 | 37.264 | 142.600 | 14.0 | 4.8 | -11 | 0.247 | 89.442 |
| 03/11 | 22:22:44 | 39.129 | 143.220 | 23.2 | 4.7 | -11 | 0.169 | 99.464 |
| 03/11 | 22:29:51 | 38.354 | 143.070 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:33:50 | 37.521 | 144.337 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:37:04 | 37.004 | 143.987 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:43:05 | 37.554 | 144.020 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:43:27 | 39.492 | 143.033 | 40.4 | 5.2 | -11 | 0.196 | 77.547 |
| 03/11 | 22:46:48 | 39.454 | 142.920 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:49:48 | 37.944 | 144.640 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 22:54:37 | 36.504 | 142.745 | 68.0 | 5.3 | -12 | 0.167 | 84.787 |
| 03/11 | 23:05:17 | 39.475 | 142.134 | 47.4 | 4.9 | -7 | 0.145 | 185.508 |
| 03/11 | 23:12:04 | 37.254 | 141.170 | 10.2 | 4.6 | -12 | 0.173 | 64.575 |
| 03/11 | 23:12:50 | 36.954 | 140.820 | 5.1 | 4.6 | -13 | 0.263 | 36.568 |
| 03/11 | 23:21:30 | 39.037 | 143.587 | 30.8 | 5.1 | -10 | 0.205 | 130.035 |
| 03/11 | 23:24:16 | 36.844 | 143.640 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 23:26:58 | 38.918 | 142.963 | 13.1 | 5.3 | -12 | 0.230 | 114.036 |
| 03/11 | 23:28:37 | 36.987 | 143.837 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 23:32:03 | 39.104 | 143.270 | 39.0 | 4.8 | -13 | 0.235 | 138.727 |
| 03/11 | 23:36:28 | 39.454 | 144.070 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 23:40:20 | 37.104 | 143.845 | 27.0 | 5.2 | -10 | 0.354 | 104.929 |
| 03/11 | 23:52:20 | 39.644 | 143.440 | 13.5 | 4.6 | -12 | 0.228 | 54.525 |
| 03/11 | 23:52:56 | 37.554 | 144.420 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 23:53:37 | 38.804 | 142.820 | 37.0 | 5.1 | -10 | 0.234 | 128.827 |
| 03/11 | 23:54:54 | 37.384 | 142.180 | 40.0 | 5.0 | -9 | 0.242 | 101.103 |
| 03/11 | 23:56:34 | 37.744 | 143.340 | n/a | n/a | n/a | n/a | n/a |
| 03/11 | 23:58:11 | 38.404 | 143.720 | 57.0 | 4.8 | -8 | 0.255 | 117.732 |
| 03/11 | 23:59:31 | 36.573 | 142.058 | 28.4 | 5.5 | -10 | 0.470 | 80.654 |
| 03/12 | 00:01:05 | 36.544 | 141.940 | 65.3 | 4.5 | -9 | 0.166 | 96.147 |
| 03/12 | 00:01:37 | 38.140 | 143.629 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 00:08:03 | 37.064 | 142.700 | 12.3 | 4.4 | -10 | 0.453 | 82.728 |
| 03/12 | 00:10:29 | 39.122 | 142.520 | 29.5 | 4.6 | -9 | 0.159 | 120.182 |
| 03/12 | 00:21:54 | 38.804 | 144.620 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 00:25:16 | 37.764 | 142.200 | 22.7 | 4.8 | -11 | 0.176 | 90.258 |
| 03/12 | 00:28:45 | 37.537 | 144.087 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 00:39:46 | 37.261 | 142.949 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 00:40:43 | 38.324 | 142.460 | 37.0 | 5.0 | -8 | 0.177 | 141.068 |
| 03/12 | 00:43:17 | 39.504 | 143.170 | 14.0 | 4.7 | -10 | 0.257 | 99.541 |
| 03/12 | 00:45:19 | 36.134 | 142.190 | 20.0 | 5.6 | -12 | 0.210 | 97.579 |
| 03/12 | 00:57:40 | 36.104 | 142.370 | 17.0 | 4.7 | -14 | 0.297 | 92.595 |
| 03/12 | 01:04:06 | 37.764 | 141.600 | 58.2 | 4.8 | -4 | 0.150 | 156.316 |
| 03/12 | 01:11:05 | 37.537 | 143.187 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 01:12:21 | 37.087 | 140.953 | 11.1 | 4.8 | -12 | 0.187 | 66.606 |
| 03/12 | 01:14:04 | 37.337 | 141.387 | 30.1 | 4.9 | -8 | 0.132 | 83.859 |
| 03/12 | 01:17:10 | 37.904 | 143.070 | 37.0 | 5.1 | -12 | 0.153 | 118.843 |
| 03/12 | 01:24:27 | 37.754 | 142.320 | 17.0 | 5.0 | -18 | 0.228 | 78.260 |
| 03/12 | 01:25:12 | 36.321 | 142.037 | 60.0 | 5.0 | -11 | 0.128 | 93.973 |
| 03/12 | 01:34:19 | 38.704 | 143.200 | 0.0 | 6.2 | -12 | 0.275 | 117.917 |
| 03/12 | 01:36:36 | 36.754 | 142.520 | 10.0 | 5.5 | -12 | 0.355 | 84.694 |
| 03/12 | 01:43:28 | 36.315 | 141.987 | 59.8 | 4.9 | -9 | 0.255 | 101.196 |
| 03/12 | 01:46:29 | 37.333 | 142.106 | 36.4 | 5.2 | -9 | 0.226 | 98.569 |
| 03/12 | 01:47:26 | 37.537 | 143.167 | 0.0 | 6.8 | -14 | 0.333 | 79.328 |
| 03/12 | 01:52:50 | 38.687 | 143.203 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 01:56:28 | 36.821 | 142.337 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 01:59:53 | 37.404 | 143.053 | 19.0 | 5.5 | -10 | 0.322 | 95.219 |
| 03/12 | 02:05:02 | 36.554 | 141.920 | 0.0 | 4.6 | -9 | 0.391 | 87.655 |
| 03/12 | 02:07:31 | 37.804 | 143.320 | 29.0 | 5.2 | -11 | 0.256 | 101.380 |
| 03/12 | 02:13:59 | 37.654 | 143.970 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 02:14:50 | 39.254 | 143.132 | 12.6 | 5.7 | -11 | 0.162 | 142.016 |
| 03/12 | 02:17:44 | 37.644 | 143.940 | 46.0 | 5.4 | -8 | 0.143 | 92.757 |
| 03/12 | 02:27:55 | 37.704 | 144.520 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 02:30:07 | 38.454 | 142.170 | 46.0 | 4.7 | -6 | 0.080 | 149.447 |
| 03/12 | 02:34:16 | 36.779 | 142.057 | 45.7 | 5.2 | -12 | 0.357 | 84.248 |
| 03/12 | 02:37:06 | 36.515 | 144.042 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 02:37:41 | 40.059 | 142.938 | 35.0 | 5.1 | -11 | 0.150 | 75.299 |
| 03/12 | 02:37:50 | 36.724 | 143.770 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 02:43:18 | 39.034 | 142.590 | 28.1 | 4.9 | -8 | 0.206 | 143.680 |
| 03/12 | 02:47:43 | 37.515 | 143.853 | 40.0 | 5.9 | -9 | 0.224 | 109.188 |
| 03/12 | 02:49:11 | 38.904 | 144.420 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 02:50:41 | 36.733 | 142.106 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 02:51:56 | 37.721 | 144.237 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 02:52:46 | 37.247 | 141.391 | 15.7 | 5.1 | -12 | 0.192 | 83.359 |
| 03/12 | 02:54:09 | 38.154 | 144.170 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 02:56:34 | 37.161 | 141.591 | 15.5 | 4.7 | -12 | 0.354 | 98.485 |
| 03/12 | 02:57:42 | 37.504 | 143.891 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 02:59:28 | 37.624 | 144.500 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 03:01:57 | 39.504 | 143.020 | 11.0 | 5.6 | -13 | 0.120 | 121.708 |
| 03/12 | 03:06:40 | 39.068 | 142.756 | 42.0 | 5.2 | -15 | 0.055 | 55.893 |
| 03/12 | 03:07:42 | 40.004 | 143.320 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 03:08:12 | 36.179 | 142.495 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 03:09:45 | 39.504 | 142.970 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 03:12:08 | 35.875 | 141.720 | 37.1 | 5.6 | -10 | 0.139 | 140.709 |
| 03/12 | 03:13:34 | 39.254 | 143.720 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 03:16:37 | 38.987 | 143.487 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 03:21:52 | 37.733 | 144.163 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 03:25:24 | 37.379 | 143.020 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 03:28:53 | 36.054 | 142.470 | 64.0 | 4.3 | -7 | 0.252 | 99.741 |
| 03/12 | 03:41:28 | 40.004 | 143.970 | 48.0 | 5.0 | -14 | 0.138 | 49.359 |
| 03/12 | 03:53:06 | 37.344 | 142.940 | 36.0 | 4.5 | -9 | 0.389 | 94.568 |
| 03/12 | 03:54:06 | 38.324 | 144.460 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 03:54:56 | 35.792 | 141.632 | 15.9 | 5.0 | -11 | 0.204 | 132.059 |
| 03/12 | 03:57:49 | 38.221 | 143.020 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 04:01:59 | 36.454 | 142.570 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 04:04:07 | 36.564 | 142.700 | 11.0 | 4.3 | -2 | 0.313 | 113.238 |
| 03/12 | 04:06:16 | 38.733 | 142.020 | 40.0 | 5.3 | -8 | 0.115 | 268.548 |
| 03/12 | 04:06:53 | 39.419 | 142.175 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 04:09:32 | 36.454 | 144.470 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 04:20:32 | 38.604 | 142.770 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 04:21:27 | 37.584 | 143.980 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 04:29:00 | 36.654 | 142.220 | 35.0 | 4.5 | -4 | 0.245 | 90.143 |
| 03/12 | 04:34:13 | 39.254 | 143.720 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 04:37:45 | 36.304 | 141.366 | 40.3 | 4.4 | -24 | 0.194 | 75.882 |
| 03/12 | 04:43:11 | 35.887 | 141.753 | 37.4 | 4.3 | -8 | 0.282 | 111.780 |
| 03/12 | 04:47:27 | 35.891 | 141.733 | 28.4 | 4.9 | -9 | 0.239 | 130.337 |
| 03/12 | 04:53:06 | 40.054 | 143.650 | 8.0 | 5.7 | -14 | 0.073 | 97.100 |
| 03/12 | 05:14:58 | 36.726 | 140.759 | 9.8 | 4.8 | -12 | 0.091 | 107.292 |
| 03/12 | 05:29:18 | 36.864 | 143.600 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 05:31:02 | 38.137 | 144.087 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 05:47:09 | 38.287 | 144.537 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 05:59:05 | 37.617 | 144.132 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 06:00:33 | 36.344 | 142.140 | 26.0 | 5.3 | -12 | 0.145 | 83.614 |
| 03/12 | 06:06:47 | 37.304 | 143.420 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 06:18:50 | 39.117 | 142.567 | 44.0 | 5.5 | -11 | 0.115 | 249.084 |
| 03/12 | 06:23:22 | 39.544 | 143.140 | 24.0 | 5.4 | -11 | 0.123 | 88.093 |
| 03/12 | 06:28:16 | 35.854 | 142.170 | 0.0 | -9.9 | -22 | 0.472 | 137.715 |
| 03/12 | 06:28:22 | 38.254 | 142.470 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 06:29:17 | 39.075 | 142.577 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 06:36:08 | 39.592 | 143.733 | 50.0 | 5.0 | -11 | 0.108 | 194.010 |
| 03/12 | 06:39:32 | 37.554 | 143.270 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 06:40:48 | 37.529 | 144.795 | n/a | n/a | n/a | n/a | n/a |
| 03/12 | 06:40:54 | 36.818 | 141.020 | 23.4 | 4.7 | -9 | 0.082 | 56.811 |
| 03/12 | 06:44:12 | 36.604 | 141.120 | 43.2 | 4.7 | -12 | 0.074 | 82.950 |
| 03/12 | 06:49:19 | 38.754 | 142.670 | 46.0 | 4.7 | -11 | 0.108 | 349.986 |
| 03/12 | 06:53:58 | 37.854 | 144.820 | n/a | n/a | n/a | n/a | n/a |