**Table S1. List of repeating earthquakes (doublets) found in this study\***

\*CC is cross-correlation coefficient, No. of CC includes all non-inner core phases, and σm is the standard deviation of ddt\_m (mantle ddt) of all the number of ddt\_m measurements (listed) of the pair.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Doublet ID | Avg. CC | No. of CC | σm  (s) | No. of ddt\_m | Date  year/month/day | Time  hh:mm:ss | Lat.  (°) | Lon.  (°) | Depth  (km) | Mag. |
| 1990272\_1996163 | 0.969 | 4 | 0.0012 | 3 | 1990/09/29 | 16:11:30.470 | 51.426 | -178.266 | 57.0 | 5.1 |
|  |  |  |  |  | 1996/06/11 | 16:38:36.710 | 51.486 | -178.321 | 33.0 | 5.2 |
| 1990272\_2000168 | 0.950 | 5 | 0.0206 | 4 | 1990/09/29 | 16:11:30.470 | 51.426 | -178.266 | 57.0 | 5.1 |
|  |  |  |  |  | 2000/06/16 | 23:33:49.980 | 51.433 | -178.346 | 33.0 | 5.0 |
| 1991054\_2015252 | 0.965 | 9 | 0.0096 | 6 | 1991/02/23 | 09:31:40.380 | 45.222 | 150.449 | 38.5 | 5.4 |
|  |  |  |  |  | 2015/09/09 | 05:43:56.830 | 45.319 | 150.411 | 64.3 | 5.2 |
| 1991245\_1999040 | 0.959 | 9 | 0.0082 | 4 | 1991/09/02 | 03:03:42.950 | 42.292 | 143.019 | 65.6 | 5.2 |
|  |  |  |  |  | 1999/02/09 | 00:19:37.140 | 42.328 | 142.983 | 59.1 | 5.1 |
| 1991245\_2004254 | 0.958 | 12 | 0.0084 | 7 | 1991/09/02 | 03:03:42.950 | 42.292 | 143.019 | 65.6 | 5.2 |
|  |  |  |  |  | 2004/09/10 | 04:22:10.110 | 42.392 | 142.954 | 51.8 | 5.0 |
| 1991262\_2011260 | 0.980 | 14 | 0.0129 | 12 | 1991/09/19 | 01:41:48.040 | 48.818 | 154.870 | 35.2 | 5.3 |
|  |  |  |  |  | 2011/09/17 | 08:59:30.470 | 48.909 | 154.739 | 61.9 | 5.2 |
| 1991297\_2008076 | 0.979 | 8 | 0.0124 | 7 | 1991/10/24 | 23:12:20.650 | -2.695 | 101.106 | 51.8 | 5.1 |
|  |  |  |  |  | 2008/03/16 | 23:05:25.580 | -2.897 | 101.095 | 35.0 | 5.2 |
| 1991297\_2010031 | 0.984 | 7 | 0.0094 | 7 | 1991/10/24 | 23:12:20.650 | -2.695 | 101.106 | 51.8 | 5.1 |
|  |  |  |  |  | 2010/01/31 | 07:02:46.270 | -2.878 | 100.906 | 50.7 | 5.0 |
| 1991303\_2013363 | 0.998 | 7 | 0.0045 | 7 | 1991/10/30 | 04:02:42.550 | -5.657 | 153.899 | 69.1 | 5.5 |
|  |  |  |  |  | 2013/12/29 | 12:49:16.720 | -5.605 | 153.986 | 24.0 | 5.5 |
| 1991321\_1995001 | 0.957 | 9 | 0.0061 | 6 | 1991/11/17 | 07:46:07.690 | 40.038 | 142.693 | 41.7 | 5.2 |
|  |  |  |  |  | 1995/01/01 | 12:30:05.300 | 40.049 | 142.686 | 42.0 | 5.2 |
| 1991321\_1996177 | 0.962 | 7 | 0.0131 | 6 | 1991/11/17 | 07:46:07.690 | 40.038 | 142.693 | 41.7 | 5.2 |
|  |  |  |  |  | 1996/06/25 | 21:37:02.680 | 39.971 | 142.839 | 44.9 | 5.0 |
| 1991321\_2011122 | 0.966 | 7 | 0.0031 | 6 | 1991/11/17 | 07:46:07.690 | 40.038 | 142.693 | 41.7 | 5.2 |
|  |  |  |  |  | 2011/05/02 | 21:25:49.540 | 40.102 | 142.564 | 32.3 | 5.1 |
| 1991321\_2014016 | 0.962 | 7 | 0.0022 | 4 | 1991/11/17 | 07:46:07.690 | 40.038 | 142.693 | 41.7 | 5.2 |
|  |  |  |  |  | 2014/01/16 | 01:12:17.710 | 40.115 | 142.818 | 51.8 | 5.1 |
| 1991351\_2003183 | 0.957 | 7 | 0.0097 | 4 | 1991/12/17 | 01:50:19.080 | -3.611 | 102.034 | 72.0 | 5.3 |
|  |  |  |  |  | 2003/07/02 | 00:47:11.860 | -3.643 | 102.060 | 75.2 | 5.1 |
| 1991351\_2010246 | 0.956 | 8 | 0.0179 | 6 | 1991/12/17 | 01:50:19.080 | -3.611 | 102.034 | 72.0 | 5.3 |
|  |  |  |  |  | 2010/09/03 | 17:06:50.860 | -3.650 | 101.961 | 73.2 | 5.6 |
| 1992126\_1997061 | 0.963 | 6 | 0.0015 | 3 | 1992/05/05 | 08:55:51.170 | 43.812 | 148.007 | 40.8 | 5.2 |
|  |  |  |  |  | 1997/03/02 | 01:04:15.950 | 44.001 | 147.850 | 33.0 | 5.2 |
| 1992174\_2001299 | 0.974 | 7 | 0.0119 | 6 | 1992/06/22 | 14:57:16.840 | 30.557 | 141.654 | 41.3 | 5.1 |
|  |  |  |  |  | 2001/10/26 | 08:44:28.310 | 30.554 | 141.755 | 33.0 | 5.0 |
| 1992174\_2014164 | 0.979 | 7 | 0.0015 | 5 | 1992/06/22 | 14:57:16.840 | 30.557 | 141.654 | 41.3 | 5.1 |
|  |  |  |  |  | 2014/06/13 | 05:50:49.790 | 30.699 | 141.835 | 47.2 | 5.0 |
| 1992184\_2002197 | 0.960 | 5 | 0.0182 | 3 | 1992/07/02 | 04:19:47.330 | 30.985 | 141.344 | 41.2 | 5.2 |
|  |  |  |  |  | 2002/07/16 | 03:39:49.420 | 30.924 | 141.302 | 33.0 | 5.0 |
| 1992200\_2012196 | 0.967 | 4 | 0.0071 | 2 | 1992/07/18 | 23:29:52.690 | 44.960 | 152.057 | 33.0 | 5.2 |
|  |  |  |  |  | 2012/07/14 | 17:36:22.580 | 45.378 | 151.878 | 6.1 | 5.0 |
| 1992297\_2001047 | 0.968 | 5 | 0.0064 | 3 | 1992/10/23 | 16:06:17.520 | -5.903 | 104.934 | 87.1 | 5.1 |
|  |  |  |  |  | 2001/02/16 | 23:38:03.710 | -6.080 | 104.680 | 33.0 | 5.0 |
| 1992297\_2008292 | 0.971 | 4 | 0.0040 | 3 | 1992/10/23 | 16:06:17.520 | -5.903 | 104.934 | 87.1 | 5.1 |
|  |  |  |  |  | 2008/10/18 | 18:41:32.150 | -6.058 | 104.751 | 77.5 | 5.1 |
| 1992322\_2015353 | 0.963 | 11 | 0.0165 | 3 | 1992/11/17 | 04:24:16.460 | -30.588 | -71.172 | 54.1 | 5.3 |
|  |  |  |  |  | 2015/12/19 | 19:25:05.560 | -30.605 | -71.306 | 48.3 | 5.8 |
| 1992364\_2002280 | 0.962 | 4 | 0.0031 | 3 | 1992/12/29 | 01:25:43.910 | 2.403 | 126.658 | 73.4 | 5.2 |
|  |  |  |  |  | 2002/10/07 | 17:32:19.220 | 2.393 | 126.837 | 33.0 | 5.3 |
| 1993029\_2010071 | 0.978 | 7 | 0.0074 | 6 | 1993/01/29 | 19:30:36.480 | 34.936 | 141.594 | 37.1 | 5.3 |
|  |  |  |  |  | 2010/03/12 | 17:32:08.340 | 34.898 | 141.595 | 15.3 | 5.2 |
| 1993044\_2015113 | 0.964 | 20 | 0.0174 | 18 | 1993/02/13 | 21:19:36.030 | 51.720 | 176.447 | 33.0 | 5.1 |
|  |  |  |  |  | 2015/04/23 | 14:57:27.750 | 51.750 | 176.335 | 31.0 | 5.0 |
| 1993046\_1998134 | 0.959 | 9 | 0.0112 | 7 | 1993/02/15 | 12:02:13.450 | -20.040 | 169.187 | 45.5 | 5.1 |
|  |  |  |  |  | 1998/05/14 | 20:03:17.660 | -20.119 | 169.276 | 49.2 | 5.2 |
| 1993046\_2004046 | 0.970 | 8 | 0.0066 | 5 | 1993/02/15 | 12:02:13.450 | -20.040 | 169.187 | 45.5 | 5.1 |
|  |  |  |  |  | 2004/02/15 | 00:01:30.710 | -20.033 | 169.226 | 46.6 | 5.2 |
| 1993046\_2008192 | 0.962 | 8 | 0.0111 | 5 | 1993/02/15 | 12:02:13.450 | -20.040 | 169.187 | 45.5 | 5.1 |
|  |  |  |  |  | 2008/07/10 | 16:01:06.490 | -20.081 | 169.205 | 69.5 | 5.1 |
| 1993046\_2011289 | 0.950 | 8 | 0.0183 | 6 | 1993/02/15 | 12:02:13.450 | -20.040 | 169.187 | 45.5 | 5.1 |
|  |  |  |  |  | 2011/10/16 | 04:24:45.080 | -20.040 | 169.144 | 81.1 | 5.1 |
| 1993046\_2015290 | 0.958 | 7 | 0.0119 | 5 | 1993/02/15 | 12:02:13.450 | -20.040 | 169.187 | 45.5 | 5.1 |
|  |  |  |  |  | 2015/10/17 | 21:02:30.450 | -20.114 | 169.226 | 43.4 | 5.3 |
| 1993065\_2011068 | 0.971 | 10 | 0.0057 | 7 | 1993/03/06 | 01:45:19.050 | 38.751 | 143.039 | 17.0 | 5.1 |
|  |  |  |  |  | 2011/03/09 | 07:56:32.220 | 38.803 | 142.879 | 46.4 | 5.1 |
| 1993074\_2014327 | 0.952 | 9 | 0.0182 | 9 | 1993/03/15 | 00:42:24.060 | 39.610 | 143.289 | 27.5 | 5.1 |
|  |  |  |  |  | 2014/11/23 | 13:34:54.760 | 39.602 | 143.262 | 18.2 | 5.0 |
| 1993079\_2006072 | 0.960 | 9 | 0.0099 | 5 | 1993/03/20 | 01:02:46.050 | 36.078 | 141.587 | 33.5 | 5.1 |
|  |  |  |  |  | 2006/03/13 | 04:15:33.930 | 36.041 | 141.528 | 33.9 | 5.0 |
| 1993096\_2001254 | 0.952 | 15 | 0.0114 | 8 | 1993/04/06 | 00:59:13.670 | 45.481 | 150.711 | 46.6 | 5.2 |
|  |  |  |  |  | 2001/09/11 | 18:21:09.230 | 45.447 | 150.683 | 33.0 | 5.5 |
| 1993100\_2007060 | 0.956 | 7 | 0.0091 | 5 | 1993/04/10 | 09:12:38.860 | -0.212 | 124.385 | 39.2 | 5.4 |
|  |  |  |  |  | 2007/03/01 | 15:15:23.850 | -0.239 | 124.360 | 42.5 | 5.4 |
| 1993137\_2008201 | 0.972 | 8 | 0.0133 | 4 | 1993/05/17 | 04:32:42.830 | 37.561 | 142.569 | 28.5 | 5.3 |
|  |  |  |  |  | 2008/07/19 | 02:47:29.440 | 37.562 | 142.402 | 31.4 | 5.3 |
| 1993157\_2012137 | 0.953 | 9 | 0.0228 | 6 | 1993/06/06 | 06:18:42.780 | -24.567 | -175.857 | 33.0 | 5.1 |
|  |  |  |  |  | 2012/05/16 | 01:28:17.960 | -24.566 | -175.965 | 10.0 | 5.2 |
| 1993197\_2015070 | 0.960 | 7 | 0.0233 | 5 | 1993/07/16 | 12:55:36.130 | 10.810 | -86.270 | 25.8 | 5.3 |
|  |  |  |  |  | 2015/03/11 | 16:23:37.870 | 10.656 | -86.402 | 12.0 | 5.2 |
| 1993198\_2015246 | 0.970 | 9 | 0.0174 | 8 | 1993/07/17 | 17:17:30.030 | 2.036 | 126.678 | 63.0 | 5.5 |
|  |  |  |  |  | 2015/09/03 | 13:24:00.690 | 2.055 | 126.682 | 53.0 | 5.5 |
| 1993208\_2012060 | 0.953 | 4 | 0.0092 | 2 | 1993/07/27 | 11:53:10.470 | -12.577 | 166.495 | 43.6 | 5.2 |
|  |  |  |  |  | 2012/02/29 | 07:05:12.110 | -12.543 | 166.487 | 80.7 | 5.1 |
| 1993215\_2002171 | 0.975 | 4 | 0.0132 | 3 | 1993/08/03 | 12:21:57.410 | -12.037 | 166.077 | 33.0 | 5.3 |
|  |  |  |  |  | 2002/06/20 | 03:02:36.950 | -12.012 | 166.106 | 33.0 | 5.3 |
| 1993254\_2008153 | 0.977 | 4 | 0.0056 | 4 | 1993/09/11 | 12:44:51.900 | 2.245 | 126.754 | 72.7 | 5.0 |
|  |  |  |  |  | 2008/06/01 | 15:31:42.480 | 2.243 | 126.833 | 71.4 | 5.0 |
| 1993292\_2003196 | 0.965 | 4 | 0.0166 | 4 | 1993/10/19 | 09:47:12.360 | -5.163 | 151.901 | 44.3 | 5.5 |
|  |  |  |  |  | 2003/07/15 | 09:25:58.800 | -5.139 | 151.826 | 45.0 | 5.3 |
| 1993309\_2004130 | 0.966 | 12 | 0.0057 | 7 | 1993/11/05 | 07:02:06.110 | -7.033 | 106.101 | 74.8 | 5.2 |
|  |  |  |  |  | 2004/05/09 | 22:25:31.130 | -6.944 | 106.178 | 78.3 | 5.2 |
| 1993329\_2003075 | 0.978 | 6 | 0.0118 | 5 | 1993/11/25 | 21:45:24.770 | 12.252 | 125.775 | 30.0 | 5.4 |
|  |  |  |  |  | 2003/03/16 | 09:00:27.050 | 12.181 | 125.826 | 30.4 | 5.4 |
| 1993334\_2013205 | 0.962 | 4 | 0.0085 | 2 | 1993/11/30 | 03:21:31.470 | -3.580 | 101.601 | 45.2 | 5.1 |
|  |  |  |  |  | 2013/07/24 | 21:39:22.260 | -3.607 | 101.509 | 57.4 | 5.2 |
| 1993362\_2008059 | 0.955 | 16 | 0.0055 | 10 | 1993/12/28 | 22:20:47.580 | 49.356 | 155.614 | 53.6 | 5.1 |
|  |  |  |  |  | 2008/02/28 | 11:55:06.130 | 49.370 | 155.543 | 60.1 | 5.1 |
| 1994102\_1997267 | 0.954 | 6 | 0.0254 | 4 | 1994/04/12 | 14:42:48.900 | -21.034 | -174.175 | 30.9 | 5.5 |
|  |  |  |  |  | 1997/09/24 | 15:16:28.340 | -21.024 | -174.273 | 33.0 | 5.1 |
| 1994113\_1995008 | 0.956 | 11 | 0.0116 | 11 | 1994/04/23 | 19:36:45.830 | 40.154 | 142.506 | 45.9 | 5.1 |
|  |  |  |  |  | 1995/01/08 | 09:37:13.960 | 40.184 | 142.449 | 44.5 | 5.0 |
| 1994113\_2013206 | 0.963 | 12 | 0.0178 | 10 | 1994/04/23 | 19:36:45.830 | 40.154 | 142.506 | 45.9 | 5.1 |
|  |  |  |  |  | 2013/07/25 | 19:05:07.130 | 40.199 | 142.472 | 44.9 | 5.0 |
| 1994191\_2010155 | 0.978 | 18 | 0.0087 | 9 | 1994/07/10 | 23:14:06.450 | 36.478 | 70.150 | 230.4 | 5.2 |
|  |  |  |  |  | 2010/06/04 | 11:49:41.580 | 36.501 | 70.170 | 220.6 | 5.1 |
| 1994214\_2003079 | 0.966 | 9 | 0.0087 | 6 | 1994/08/02 | 07:37:52.820 | -10.422 | 117.005 | 48.6 | 5.1 |
|  |  |  |  |  | 2003/03/20 | 17:15:13.470 | -10.321 | 117.050 | 33.0 | 5.0 |
| 1994215\_2013295 | 0.954 | 18 | 0.0253 | 6 | 1994/08/03 | 01:22:20.090 | -6.363 | 154.943 | 54.1 | 5.4 |
|  |  |  |  |  | 2013/10/22 | 21:15:51.220 | -6.345 | 154.966 | 50.0 | 5.5 |
| 1994217\_2008176 | 0.968 | 21 | 0.0108 | 18 | 1994/08/05 | 03:39:05.250 | -3.177 | 101.466 | 68.5 | 5.4 |
|  |  |  |  |  | 2008/06/24 | 19:14:44.150 | -3.185 | 101.433 | 49.0 | 5.1 |
| 1994217\_2011170 | 0.951 | 20 | 0.0101 | 17 | 1994/08/05 | 03:39:05.250 | -3.177 | 101.466 | 68.5 | 5.4 |
|  |  |  |  |  | 2011/06/19 | 04:15:58.980 | -3.247 | 101.361 | 57.1 | 5.4 |
| 1994229\_2012213 | 0.971 | 7 | 0.0170 | 2 | 1994/08/17 | 22:31:49.490 | -4.736 | 103.151 | 93.1 | 5.1 |
|  |  |  |  |  | 2012/07/31 | 06:50:15.610 | -4.769 | 103.086 | 70.5 | 5.2 |
| 1994277\_1994279 | 0.952 | 38 | 0.0120 | 30 | 1994/10/04 | 15:43:07.800 | 43.287 | 148.151 | 25.0 | 5.3 |
|  |  |  |  |  | 1994/10/06 | 07:46:35.440 | 43.239 | 148.061 | 32.7 | 5.6 |
| 1994277\_2002248 | 0.986 | 29 | 0.0078 | 24 | 1994/10/04 | 12:09:40.150 | -6.218 | 104.891 | 24.3 | 5.2 |
|  |  |  |  |  | 2002/09/05 | 00:14:42.090 | -6.199 | 104.876 | 43.7 | 5.2 |
| 1994277\_2009247 | 0.966 | 25 | 0.0051 | 18 | 1994/10/04 | 12:09:40.150 | -6.218 | 104.891 | 24.3 | 5.2 |
|  |  |  |  |  | 2009/09/04 | 00:52:08.110 | -6.286 | 104.794 | 46.0 | 5.1 |
| 1994277\_2017312 | 0.981 | 15 | 0.0085 | 11 | 1994/10/04 | 12:09:40.150 | -6.218 | 104.891 | 24.3 | 5.2 |
|  |  |  |  |  | 2017/11/08 | 19:17:06.960 | -6.507 | 104.615 | 35.0 | 5.0 |
| 1994298\_2007106 | 0.972 | 12 | 0.0127 | 6 | 1994/10/25 | 07:18:42.300 | 27.329 | 129.284 | 33.0 | 5.0 |
|  |  |  |  |  | 2007/04/16 | 09:04:54.810 | 27.453 | 129.255 | 30.4 | 5.0 |
| 1994298\_2014162 | 0.974 | 13 | 0.0072 | 5 | 1994/10/25 | 07:18:42.300 | 27.329 | 129.284 | 33.0 | 5.0 |
|  |  |  |  |  | 2014/06/11 | 07:30:59.800 | 27.427 | 129.286 | 30.6 | 5.0 |
| 1994299\_2009005 | 0.976 | 12 | 0.0166 | 10 | 1994/10/26 | 03:31:16.810 | -27.520 | -176.909 | 168.3 | 5.4 |
|  |  |  |  |  | 2009/01/05 | 22:27:13.890 | -27.480 | -176.706 | 47.0 | 5.4 |
| 1994304\_2000278 | 0.963 | 12 | 0.0276 | 7 | 1994/10/31 | 23:04:07.690 | -17.876 | -172.883 | 33.0 | 5.5 |
|  |  |  |  |  | 2000/10/04 | 15:39:27.710 | -17.747 | -173.199 | 33.0 | 5.1 |
| 1994317\_2007110 | 0.972 | 22 | 0.0094 | 17 | 1994/11/13 | 09:07:12.180 | -0.221 | 124.424 | 35.3 | 5.2 |
|  |  |  |  |  | 2007/04/20 | 13:21:00.970 | -0.140 | 124.416 | 20.9 | 5.1 |
| 1994317\_2011125 | 0.958 | 19 | 0.0094 | 15 | 1994/11/13 | 09:07:12.180 | -0.221 | 124.424 | 35.3 | 5.2 |
|  |  |  |  |  | 2011/05/05 | 08:45:29.000 | -0.199 | 124.483 | 73.0 | 5.0 |
| 1994343\_1999268 | 0.968 | 7 | 0.0145 | 3 | 1994/12/09 | 18:10:21.300 | -21.696 | -175.311 | 93.0 | 5.3 |
|  |  |  |  |  | 1999/09/25 | 15:59:35.740 | -22.020 | -175.144 | 33.0 | 5.4 |
| 1994343\_2000336 | 0.971 | 6 | 0.0151 | 3 | 1994/12/09 | 18:10:21.300 | -21.696 | -175.311 | 93.0 | 5.3 |
|  |  |  |  |  | 2000/12/01 | 04:53:51.820 | -21.715 | -175.312 | 33.0 | 5.2 |
| 1994354\_2012262 | 0.989 | 15 | 0.0061 | 14 | 1994/12/20 | 11:08:50.670 | -6.134 | 103.933 | 37.0 | 5.5 |
|  |  |  |  |  | 2012/09/18 | 03:23:45.840 | -6.169 | 103.739 | 35.0 | 5.2 |
| 1995001\_1996177 | 0.968 | 29 | 0.0098 | 25 | 1995/01/01 | 12:30:05.300 | 40.049 | 142.686 | 42.0 | 5.2 |
|  |  |  |  |  | 1996/06/25 | 21:37:02.680 | 39.971 | 142.839 | 44.9 | 5.0 |
| 1995001\_2002101 | 0.979 | 19 | 0.0084 | 17 | 1995/01/01 | 12:30:05.300 | 40.049 | 142.686 | 42.0 | 5.2 |
|  |  |  |  |  | 2002/04/11 | 12:04:13.480 | 39.987 | 142.813 | 35.9 | 5.3 |
| 1995001\_2011122 | 0.984 | 22 | 0.0097 | 21 | 1995/01/01 | 12:30:05.300 | 40.049 | 142.686 | 42.0 | 5.2 |
|  |  |  |  |  | 2011/05/02 | 21:25:49.540 | 40.102 | 142.564 | 32.3 | 5.1 |
| 1995001\_2014016 | 0.974 | 21 | 0.0089 | 15 | 1995/01/01 | 12:30:05.300 | 40.049 | 142.686 | 42.0 | 5.2 |
|  |  |  |  |  | 2014/01/16 | 01:12:17.710 | 40.115 | 142.818 | 51.8 | 5.1 |
| 1995005\_2009174 | 0.977 | 15 | 0.0121 | 12 | 1995/01/05 | 12:07:36.750 | 39.209 | 143.510 | 29.5 | 5.2 |
|  |  |  |  |  | 2009/06/23 | 07:24:13.380 | 39.203 | 143.463 | 28.0 | 5.1 |
| 1995009\_2017173 | 0.950 | 14 | 0.0075 | 7 | 1995/01/09 | 18:54:20.650 | 46.165 | 152.233 | 28.7 | 5.2 |
|  |  |  |  |  | 2017/06/22 | 22:36:19.480 | 46.205 | 152.266 | 9.6 | 5.0 |
| 1995020\_2010249 | 0.968 | 20 | 0.0228 | 16 | 1995/01/20 | 00:55:22.160 | -10.990 | 162.145 | 26.5 | 5.8 |
|  |  |  |  |  | 2010/09/06 | 13:46:26.410 | -10.965 | 162.173 | 25.5 | 5.7 |
| 1995096\_2014277 | 0.960 | 23 | 0.0141 | 20 | 1995/04/06 | 20:47:48.970 | 10.927 | 125.971 | 38.4 | 5.4 |
|  |  |  |  |  | 2014/10/04 | 17:38:42.340 | 10.921 | 125.961 | 63.7 | 5.2 |
| 1995106\_1999026 | 0.960 | 13 | 0.0074 | 5 | 1995/04/16 | 20:36:09.020 | -21.017 | -174.386 | 31.5 | 5.2 |
|  |  |  |  |  | 1999/01/26 | 07:04:20.900 | -21.100 | -174.486 | 33.0 | 5.2 |
| 1995106\_2003185 | 0.977 | 11 | 0.0160 | 5 | 1995/04/16 | 20:36:09.020 | -21.017 | -174.386 | 31.5 | 5.2 |
|  |  |  |  |  | 2003/07/04 | 01:15:56.550 | -20.962 | -174.541 | 33.0 | 5.3 |
| 1995111\_1995145 | 0.961 | 13 | 0.0114 | 11 | 1995/04/21 | 03:05:31.490 | 12.122 | 125.668 | 25.0 | 5.1 |
|  |  |  |  |  | 1995/05/25 | 01:31:11.120 | 12.122 | 125.670 | 30.0 | 5.0 |
| 1995114\_2003075 | 0.959 | 14 | 0.0092 | 13 | 1995/04/24 | 06:08:08.540 | 12.226 | 125.840 | 30.3 | 5.5 |
|  |  |  |  |  | 2003/03/16 | 09:00:27.050 | 12.181 | 125.826 | 30.4 | 5.4 |
| 1995180\_2011109 | 0.980 | 38 | 0.0126 | 22 | 1995/06/29 | 01:27:02.890 | -33.912 | -72.319 | 41.1 | 5.1 |
|  |  |  |  |  | 2011/04/19 | 05:50:45.370 | -33.846 | -72.151 | 13.1 | 5.1 |
| 1995201\_2007344 | 0.951 | 6 | 0.0071 | 2 | 1995/07/20 | 11:13:37.960 | 0.522 | -80.091 | 33.0 | 5.0 |
|  |  |  |  |  | 2007/12/10 | 18:19:07.370 | 0.589 | -80.007 | 38.9 | 5.1 |
| 1995230\_2007044 | 0.952 | 6 | 0.0199 | 4 | 1995/08/18 | 20:17:25.300 | -6.609 | 154.680 | 33.0 | 5.4 |
|  |  |  |  |  | 2007/02/13 | 10:56:58.380 | -6.655 | 154.655 | 33.0 | 5.4 |
| 1995270\_2011053 | 0.970 | 19 | 0.0115 | 18 | 1995/09/27 | 02:05:23.680 | 26.423 | 128.872 | 33.0 | 5.0 |
|  |  |  |  |  | 2011/02/22 | 04:56:19.740 | 26.419 | 128.706 | 16.1 | 5.1 |
| 1995318\_2003183 | 0.960 | 27 | 0.0159 | 17 | 1995/11/14 | 06:32:55.750 | -3.682 | 101.924 | 57.0 | 5.1 |
|  |  |  |  |  | 2003/07/02 | 00:47:11.860 | -3.643 | 102.060 | 75.2 | 5.1 |
| 1996065\_2005249 | 0.980 | 36 | 0.0085 | 33 | 1996/03/05 | 17:32:10.180 | 24.033 | 122.241 | 33.0 | 5.9 |
|  |  |  |  |  | 2005/09/06 | 01:16:02.350 | 24.084 | 122.191 | 32.0 | 5.8 |
| 1996088\_2009194 | 0.964 | 25 | 0.0168 | 21 | 1996/03/28 | 17:53:22.400 | 24.338 | 122.143 | 38.9 | 5.0 |
|  |  |  |  |  | 2009/07/13 | 20:28:54.920 | 24.093 | 122.116 | 37.2 | 5.0 |
| 1996099\_2008029 | 0.958 | 9 | 0.0138 | 7 | 1996/04/08 | 20:08:30.650 | -6.070 | 148.458 | 87.2 | 5.2 |
|  |  |  |  |  | 2008/01/29 | 22:45:06.070 | -5.954 | 148.429 | 54.2 | 5.0 |
| 1996123\_2008070 | 0.955 | 20 | 0.0211 | 18 | 1996/05/02 | 05:45:12.640 | 31.793 | 131.629 | 38.4 | 5.2 |
|  |  |  |  |  | 2008/03/10 | 01:44:33.130 | 31.793 | 131.462 | 53.8 | 5.1 |
| 1996162\_1996206 | 0.961 | 40 | 0.0119 | 28 | 1996/06/10 | 06:11:49.130 | 51.580 | -177.035 | 33.0 | 5.0 |
|  |  |  |  |  | 1996/07/24 | 23:53:22.420 | 51.701 | -177.124 | 54.6 | 5.1 |
| 1996162\_2016166 | 0.964 | 27 | 0.0109 | 19 | 1996/06/10 | 06:11:49.130 | 51.580 | -177.035 | 33.0 | 5.0 |
|  |  |  |  |  | 2016/06/14 | 17:13:27.520 | 51.628 | -177.053 | 54.2 | 5.1 |
| 1996163\_2000168 | 0.962 | 38 | 0.0101 | 25 | 1996/06/11 | 16:38:36.710 | 51.486 | -178.321 | 33.0 | 5.2 |
|  |  |  |  |  | 2000/06/16 | 23:33:49.980 | 51.433 | -178.346 | 33.0 | 5.0 |
| 1996177\_2002101 | 0.976 | 36 | 0.0088 | 31 | 1996/06/25 | 21:37:02.680 | 39.971 | 142.839 | 44.9 | 5.0 |
|  |  |  |  |  | 2002/04/11 | 12:04:13.480 | 39.987 | 142.813 | 35.9 | 5.3 |
| 1996177\_2008152 | 0.984 | 37 | 0.0059 | 33 | 1996/06/25 | 21:37:02.680 | 39.971 | 142.839 | 44.9 | 5.0 |
|  |  |  |  |  | 2008/05/31 | 14:28:35.100 | 39.983 | 142.604 | 33.5 | 5.0 |
| 1996177\_2011122 | 0.986 | 38 | 0.0055 | 36 | 1996/06/25 | 21:37:02.680 | 39.971 | 142.839 | 44.9 | 5.0 |
|  |  |  |  |  | 2011/05/02 | 21:25:49.540 | 40.102 | 142.564 | 32.3 | 5.1 |
| 1996177\_2011354 | 0.979 | 36 | 0.0113 | 27 | 1996/06/25 | 21:37:02.680 | 39.971 | 142.839 | 44.9 | 5.0 |
|  |  |  |  |  | 2011/12/20 | 06:26:23.210 | 40.099 | 142.559 | 52.7 | 5.1 |
| 1996177\_2014016 | 0.984 | 35 | 0.0069 | 28 | 1996/06/25 | 21:37:02.680 | 39.971 | 142.839 | 44.9 | 5.0 |
|  |  |  |  |  | 2014/01/16 | 01:12:17.710 | 40.115 | 142.818 | 51.8 | 5.1 |
| 1996206\_2016166 | 0.970 | 24 | 0.0117 | 15 | 1996/07/24 | 23:53:22.420 | 51.701 | -177.124 | 54.6 | 5.1 |
|  |  |  |  |  | 2016/06/14 | 17:13:27.520 | 51.628 | -177.053 | 54.2 | 5.1 |
| 1996276\_2010227 | 0.952 | 59 | 0.0250 | 45 | 1996/10/02 | 16:00:20.440 | 53.417 | 160.388 | 33.0 | 5.4 |
|  |  |  |  |  | 2010/08/15 | 02:10:38.390 | 53.557 | 160.121 | 40.3 | 5.5 |
| 1996280\_2014054 | 0.951 | 15 | 0.0071 | 6 | 1996/10/06 | 10:02:42.110 | -9.785 | 118.002 | 53.8 | 5.4 |
|  |  |  |  |  | 2014/02/23 | 21:21:15.390 | -9.817 | 117.957 | 33.7 | 5.0 |
| 1996290\_2012334 | 0.977 | 11 | 0.0109 | 5 | 1996/10/16 | 08:42:12.390 | 13.924 | -92.063 | 33.0 | 5.2 |
|  |  |  |  |  | 2012/11/29 | 19:32:31.750 | 13.757 | -92.113 | 10.0 | 5.5 |
| 1996297\_2009230 | 0.965 | 4 | 0.0071 | 2 | 1996/10/23 | 10:18:55.070 | -22.283 | 170.811 | 33.0 | 5.1 |
|  |  |  |  |  | 2009/08/18 | 00:59:45.870 | -22.476 | 170.731 | 55.0 | 5.1 |
| 1996321\_2007248 | 0.951 | 7 | 0.0050 | 4 | 1996/11/16 | 16:08:52.500 | -11.421 | 165.736 | 33.0 | 5.2 |
|  |  |  |  |  | 2007/09/05 | 14:22:17.440 | -11.479 | 165.777 | 35.0 | 5.2 |
| 1996361\_2010306 | 0.951 | 35 | 0.0204 | 29 | 1996/12/26 | 19:34:11.570 | -5.360 | 151.357 | 107.1 | 5.8 |
|  |  |  |  |  | 2010/11/02 | 06:39:55.060 | -5.355 | 151.556 | 35.0 | 5.8 |
| 1997018\_1999275 | 0.962 | 22 | 0.0178 | 18 | 1997/01/18 | 17:13:50.680 | 24.179 | 122.668 | 55.6 | 5.0 |
|  |  |  |  |  | 1999/10/02 | 17:14:17.810 | 24.069 | 122.434 | 44.7 | 5.2 |
| 1997018\_2002258 | 0.974 | 19 | 0.0109 | 16 | 1997/01/18 | 17:13:50.680 | 24.179 | 122.668 | 55.6 | 5.0 |
|  |  |  |  |  | 2002/09/15 | 01:06:55.800 | 24.098 | 122.463 | 36.0 | 5.1 |
| 1997018\_2004315 | 0.964 | 26 | 0.0126 | 21 | 1997/01/18 | 17:13:50.680 | 24.179 | 122.668 | 55.6 | 5.0 |
|  |  |  |  |  | 2004/11/10 | 14:48:06.920 | 24.076 | 122.344 | 56.8 | 5.1 |
| 1997018\_2010199 | 0.971 | 18 | 0.0145 | 14 | 1997/01/18 | 17:13:50.680 | 24.179 | 122.668 | 55.6 | 5.0 |
|  |  |  |  |  | 2010/07/18 | 13:03:24.500 | 24.131 | 122.470 | 26.9 | 5.1 |
| 1997040\_2005120 | 0.957 | 13 | 0.0187 | 8 | 1997/02/09 | 23:11:04.670 | -20.235 | -173.629 | 39.8 | 5.0 |
|  |  |  |  |  | 2005/04/30 | 08:28:37.570 | -19.990 | -173.680 | 10.0 | 5.0 |
| 1997071\_2002171 | 0.964 | 9 | 0.0131 | 5 | 1997/03/12 | 01:55:00.980 | -23.452 | -175.510 | 33.0 | 5.0 |
|  |  |  |  |  | 2002/06/20 | 05:26:10.640 | -23.473 | -175.518 | 33.0 | 5.1 |
| 1997071\_2006322 | 0.962 | 7 | 0.0181 | 5 | 1997/03/12 | 01:55:00.980 | -23.452 | -175.510 | 33.0 | 5.0 |
|  |  |  |  |  | 2006/11/18 | 21:45:11.170 | -23.497 | -175.545 | 42.0 | 5.0 |
| 1997071\_2011185 | 0.973 | 6 | 0.0093 | 5 | 1997/03/12 | 01:55:00.980 | -23.452 | -175.510 | 33.0 | 5.0 |
|  |  |  |  |  | 2011/07/04 | 21:42:18.080 | -23.521 | -175.548 | 56.5 | 5.1 |
| 1997076\_2003317 | 0.951 | 33 | 0.0063 | 20 | 1997/03/17 | 09:23:17.010 | 41.897 | 142.110 | 76.5 | 5.1 |
|  |  |  |  |  | 2003/11/13 | 22:39:20.580 | 41.857 | 142.117 | 74.4 | 5.0 |
| 1997076\_2016270 | 0.956 | 35 | 0.0103 | 23 | 1997/03/17 | 09:23:17.010 | 41.897 | 142.110 | 76.5 | 5.1 |
|  |  |  |  |  | 2016/09/26 | 02:24:37.740 | 41.880 | 142.204 | 64.0 | 5.0 |
| 1997098\_2014171 | 0.967 | 68 | 0.0114 | 62 | 1997/04/08 | 15:14:23.300 | 52.060 | -171.408 | 45.9 | 5.5 |
|  |  |  |  |  | 2014/06/20 | 12:16:46.370 | 51.769 | -171.254 | 41.9 | 5.4 |
| 1997101\_2011125 | 0.985 | 57 | 0.0082 | 45 | 1997/04/11 | 12:01:45.470 | 26.124 | 128.500 | 33.0 | 5.5 |
|  |  |  |  |  | 2011/05/05 | 23:21:22.100 | 26.124 | 128.398 | 10.0 | 5.5 |
| 1997117\_2006347a | 0.958 | 35 | 0.0145 | 23 | 1997/04/27 | 14:09:08.810 | 46.150 | 153.135 | 33.0 | 5.2 |
|  |  |  |  |  | 2006/12/13 | 01:57:43.100 | 46.166 | 152.966 | 10.0 | 5.0 |
| 1997117\_2008063 | 0.959 | 32 | 0.0172 | 20 | 1997/04/27 | 14:09:08.810 | 46.150 | 153.135 | 33.0 | 5.2 |
|  |  |  |  |  | 2008/03/03 | 11:22:35.660 | 46.257 | 152.931 | 10.0 | 5.3 |
| 1997125\_2010314 | 0.954 | 18 | 0.0132 | 14 | 1997/05/05 | 05:44:17.380 | 14.906 | 119.889 | 33.0 | 5.5 |
|  |  |  |  |  | 2010/11/10 | 10:30:15.660 | 14.923 | 119.868 | 21.0 | 5.5 |
| 1997128\_2011122 | 0.959 | 38 | 0.0177 | 28 | 1997/05/08 | 14:01:10.240 | 12.267 | -87.204 | 59.1 | 5.6 |
|  |  |  |  |  | 2011/05/02 | 23:55:39.470 | 12.129 | -87.470 | 28.0 | 5.4 |
| 1997170\_2002155 | 0.965 | 36 | 0.0149 | 28 | 1997/06/19 | 10:05:19.930 | 24.852 | 125.285 | 49.1 | 5.0 |
|  |  |  |  |  | 2002/06/04 | 17:20:57.090 | 24.850 | 125.353 | 48.9 | 5.1 |
| 1997170\_2007265 | 0.959 | 28 | 0.0153 | 20 | 1997/06/19 | 10:05:19.930 | 24.852 | 125.285 | 49.1 | 5.0 |
|  |  |  |  |  | 2007/09/22 | 08:00:18.940 | 24.855 | 125.267 | 54.4 | 5.1 |
| 1997170\_2014260 | 0.970 | 26 | 0.0088 | 19 | 1997/06/19 | 10:05:19.930 | 24.852 | 125.285 | 49.1 | 5.0 |
|  |  |  |  |  | 2014/09/17 | 23:18:55.450 | 24.841 | 125.351 | 42.8 | 5.4 |
| 1997190\_2014132 | 0.965 | 54 | 0.0114 | 43 | 1997/07/09 | 09:36:07.010 | 35.434 | 139.989 | 64.0 | 5.1 |
|  |  |  |  |  | 2014/05/12 | 23:35:02.310 | 35.597 | 140.059 | 55.3 | 5.1 |
| 1997245\_2007016 | 0.952 | 25 | 0.0089 | 20 | 1997/09/02 | 00:19:48.070 | 41.250 | 142.566 | 54.8 | 5.1 |
|  |  |  |  |  | 2007/01/16 | 12:52:36.960 | 41.182 | 142.714 | 29.9 | 5.0 |
| 1997252\_2007265 | 0.969 | 19 | 0.0146 | 13 | 1997/09/09 | 05:45:47.370 | 5.789 | -77.516 | 21.4 | 5.1 |
|  |  |  |  |  | 2007/09/22 | 11:44:39.330 | 5.759 | -77.437 | 24.3 | 5.0 |
| 1997264\_2008231 | 0.980 | 51 | 0.0084 | 34 | 1997/09/21 | 22:03:04.940 | 51.992 | -170.566 | 33.0 | 5.2 |
|  |  |  |  |  | 2008/08/18 | 02:21:19.070 | 52.146 | -170.600 | 30.7 | 5.2 |
| 1997264\_2017126 | 0.965 | 37 | 0.0137 | 26 | 1997/09/21 | 22:03:04.940 | 51.992 | -170.566 | 33.0 | 5.2 |
|  |  |  |  |  | 2017/05/06 | 20:43:19.300 | 52.112 | -170.543 | 31.7 | 5.2 |
| 1997267\_2004133 | 0.960 | 10 | 0.0022 | 4 | 1997/09/24 | 15:16:28.340 | -21.024 | -174.273 | 33.0 | 5.1 |
|  |  |  |  |  | 2004/05/12 | 18:08:48.130 | -20.741 | -174.397 | 10.0 | 5.1 |
| 1997267\_2007006 | 0.952 | 8 | 0.0035 | 3 | 1997/09/24 | 15:16:28.340 | -21.024 | -174.273 | 33.0 | 5.1 |
|  |  |  |  |  | 2007/01/06 | 11:10:20.340 | -20.829 | -174.391 | 33.1 | 5.1 |
| 1997267\_2014275 | 0.954 | 15 | 0.0120 | 8 | 1997/09/24 | 15:16:28.340 | -21.024 | -174.273 | 33.0 | 5.1 |
|  |  |  |  |  | 2014/10/02 | 07:02:05.150 | -20.931 | -174.290 | 10.0 | 5.1 |
| 1997268\_2016078 | 0.963 | 19 | 0.0134 | 15 | 1997/09/25 | 19:54:03.150 | -12.496 | 166.468 | 33.0 | 5.6 |
|  |  |  |  |  | 2016/03/18 | 12:49:12.910 | -12.511 | 166.621 | 29.0 | 5.5 |
| 1997293\_2006231 | 0.966 | 28 | 0.0276 | 18 | 1997/10/20 | 05:14:40.310 | -25.611 | -176.815 | 33.0 | 5.3 |
|  |  |  |  |  | 2006/08/19 | 10:28:07.600 | -25.624 | -176.815 | 64.9 | 5.2 |
| 1997320\_2012172 | 0.953 | 36 | 0.0153 | 20 | 1997/11/16 | 08:18:16.360 | -4.956 | 103.189 | 58.3 | 5.3 |
|  |  |  |  |  | 2012/06/20 | 09:59:04.590 | -4.928 | 103.194 | 69.5 | 5.2 |
| 1997327\_2000156 | 0.958 | 17 | 0.0117 | 11 | 1997/11/23 | 08:35:47.710 | -5.405 | 102.523 | 33.0 | 5.1 |
|  |  |  |  |  | 2000/06/04 | 17:38:03.060 | -5.291 | 102.693 | 33.0 | 5.1 |
| 1998042\_2011261 | 0.959 | 28 | 0.0135 | 21 | 1998/02/11 | 02:25:44.390 | 41.995 | 142.317 | 74.8 | 5.2 |
|  |  |  |  |  | 2011/09/18 | 10:39:48.400 | 42.036 | 142.315 | 69.4 | 5.1 |
| 1998080\_2010254 | 0.961 | 22 | 0.0133 | 10 | 1998/03/21 | 02:18:54.000 | -4.253 | -80.709 | 33.0 | 5.0 |
|  |  |  |  |  | 2010/09/11 | 18:55:25.730 | -4.244 | -80.584 | 61.6 | 5.2 |
| 1998102\_2005287 | 0.952 | 21 | 0.0222 | 14 | 1998/04/12 | 18:35:09.060 | -23.718 | -176.041 | 33.0 | 5.5 |
|  |  |  |  |  | 2005/10/14 | 03:36:45.970 | -23.713 | -176.024 | 33.9 | 5.5 |
| 1998113\_2006198 | 0.963 | 31 | 0.0155 | 19 | 1998/04/23 | 08:53:12.660 | -17.690 | -173.299 | 33.0 | 5.4 |
|  |  |  |  |  | 2006/07/17 | 22:31:49.110 | -17.669 | -173.257 | 35.0 | 5.3 |
| 1998113\_2014256 | 0.974 | 35 | 0.0126 | 27 | 1998/04/23 | 08:53:12.660 | -17.690 | -173.299 | 33.0 | 5.4 |
|  |  |  |  |  | 2014/09/13 | 18:22:14.020 | -17.712 | -173.126 | 11.0 | 5.4 |
| 1998121\_2005276 | 0.952 | 8 | 0.0192 | 7 | 1998/05/01 | 12:08:43.350 | -55.949 | -26.707 | 33.0 | 5.3 |
|  |  |  |  |  | 2005/10/03 | 11:26:37.730 | -56.021 | -26.659 | 51.3 | 5.1 |
| 1998129\_2003021 | 0.955 | 33 | 0.0123 | 23 | 1998/05/09 | 11:42:11.640 | 13.621 | -90.724 | 33.0 | 5.4 |
|  |  |  |  |  | 2003/01/21 | 07:06:53.200 | 13.563 | -90.858 | 33.0 | 5.4 |
| 1998134\_2004046 | 0.964 | 31 | 0.0141 | 17 | 1998/05/14 | 20:03:17.660 | -20.119 | 169.276 | 49.2 | 5.2 |
|  |  |  |  |  | 2004/02/15 | 00:01:30.710 | -20.033 | 169.226 | 46.6 | 5.2 |
| 1998134\_2008192 | 0.953 | 27 | 0.0144 | 15 | 1998/05/14 | 20:03:17.660 | -20.119 | 169.276 | 49.2 | 5.2 |
|  |  |  |  |  | 2008/07/10 | 16:01:06.490 | -20.081 | 169.205 | 69.5 | 5.1 |
| 1998134\_2011289 | 0.968 | 24 | 0.0093 | 12 | 1998/05/14 | 20:03:17.660 | -20.119 | 169.276 | 49.2 | 5.2 |
|  |  |  |  |  | 2011/10/16 | 04:24:45.080 | -20.040 | 169.144 | 81.1 | 5.1 |
| 1998134\_2015290 | 0.963 | 23 | 0.0191 | 15 | 1998/05/14 | 20:03:17.660 | -20.119 | 169.276 | 49.2 | 5.2 |
|  |  |  |  |  | 2015/10/17 | 21:02:30.450 | -20.114 | 169.226 | 43.4 | 5.3 |
| 1998143\_2015145 | 0.969 | 44 | 0.0178 | 24 | 1998/05/23 | 15:44:37.710 | -6.283 | 154.943 | 33.0 | 5.2 |
|  |  |  |  |  | 2015/05/25 | 04:48:21.710 | -6.419 | 155.003 | 44.0 | 5.4 |
| 1998172\_2005069 | 0.977 | 43 | 0.0083 | 36 | 1998/06/21 | 08:03:54.240 | 12.853 | -88.463 | 69.6 | 5.2 |
|  |  |  |  |  | 2005/03/10 | 13:37:48.780 | 12.932 | -88.419 | 68.5 | 5.1 |
| 1998172\_2009186 | 0.954 | 32 | 0.0174 | 26 | 1998/06/21 | 08:03:54.240 | 12.853 | -88.463 | 69.6 | 5.2 |
|  |  |  |  |  | 2009/07/05 | 10:35:50.900 | 12.850 | -88.497 | 62.1 | 5.0 |
| 1998175\_2011200 | 0.952 | 7 | 0.0186 | 3 | 1998/06/24 | 18:14:44.940 | -30.610 | -178.107 | 150.0 | 5.0 |
|  |  |  |  |  | 2011/07/19 | 02:20:35.650 | -30.715 | -177.820 | 17.4 | 5.3 |
| 1998229\_2010223 | 0.975 | 47 | 0.0071 | 34 | 1998/08/17 | 12:43:39.840 | -7.580 | 107.199 | 76.6 | 5.4 |
|  |  |  |  |  | 2010/08/11 | 19:10:21.430 | -7.495 | 107.058 | 37.4 | 5.3 |
| 1998231\_2002040 | 0.966 | 16 | 0.0211 | 10 | 1998/08/19 | 06:55:11.050 | -3.998 | 151.580 | 33.0 | 5.2 |
|  |  |  |  |  | 2002/02/09 | 22:50:47.810 | -3.734 | 151.305 | 10.0 | 5.3 |
| 1998236\_2012200 | 0.955 | 34 | 0.0221 | 12 | 1998/08/24 | 04:56:16.460 | -4.449 | 102.597 | 34.1 | 5.2 |
|  |  |  |  |  | 2012/07/18 | 04:33:59.330 | -4.381 | 102.794 | 63.9 | 5.3 |
| 1998263\_2015188 | 0.965 | 8 | 0.0029 | 3 | 1998/09/20 | 06:30:46.630 | -35.630 | -179.844 | 52.9 | 5.5 |
|  |  |  |  |  | 2015/07/07 | 05:35:14.530 | -35.425 | -179.621 | 10.0 | 5.6 |
| 1998281\_2004283 | 0.952 | 28 | 0.0178 | 21 | 1998/10/08 | 21:23:27.030 | -4.877 | 103.104 | 33.0 | 5.2 |
|  |  |  |  |  | 2004/10/09 | 08:17:07.370 | -4.885 | 103.100 | 61.9 | 5.0 |
| 1998281\_2009304 | 0.967 | 30 | 0.0080 | 22 | 1998/10/08 | 21:23:27.030 | -4.877 | 103.104 | 33.0 | 5.2 |
|  |  |  |  |  | 2009/10/31 | 22:50:03.660 | -5.003 | 102.979 | 67.5 | 5.0 |
| 1998289\_2010263 | 0.974 | 31 | 0.0105 | 15 | 1998/10/16 | 07:26:46.890 | -33.769 | -72.214 | 33.0 | 5.0 |
|  |  |  |  |  | 2010/09/20 | 05:42:56.690 | -33.643 | -71.928 | 30.4 | 5.1 |
| 1998301\_2010328 | 0.976 | 49 | 0.0132 | 36 | 1998/10/28 | 21:39:52.970 | 11.985 | 143.528 | 33.0 | 5.4 |
|  |  |  |  |  | 2010/11/24 | 11:59:40.610 | 11.966 | 143.576 | 35.0 | 5.2 |
| 1998303\_2017168 | 0.961 | 4 | 0.0064 | 2 | 1998/10/30 | 14:34:50.840 | -16.197 | 167.941 | 176.4 | 5.3 |
|  |  |  |  |  | 2017/06/17 | 16:37:22.760 | -16.216 | 167.869 | 176.7 | 5.0 |
| 1998341\_2008215 | 0.966 | 32 | 0.0090 | 25 | 1998/12/07 | 09:01:18.050 | 29.289 | 130.332 | 42.3 | 5.2 |
|  |  |  |  |  | 2008/08/02 | 04:03:27.700 | 29.355 | 130.284 | 54.7 | 5.1 |
| 1998341\_2017012 | 0.976 | 25 | 0.0089 | 18 | 1998/12/07 | 15:53:29.550 | -5.157 | 102.957 | 49.1 | 5.2 |
|  |  |  |  |  | 2017/01/12 | 13:29:06.300 | -5.267 | 102.724 | 22.9 | 5.5 |
| 1999026\_2003185 | 0.961 | 22 | 0.0120 | 12 | 1999/01/26 | 07:04:20.900 | -21.100 | -174.486 | 33.0 | 5.2 |
|  |  |  |  |  | 2003/07/04 | 01:15:56.550 | -20.962 | -174.541 | 33.0 | 5.3 |
| 1999026\_2008053 | 0.963 | 13 | 0.0097 | 12 | 1999/01/26 | 07:04:20.900 | -21.100 | -174.486 | 33.0 | 5.2 |
|  |  |  |  |  | 2008/02/22 | 15:26:51.360 | -20.993 | -174.527 | 35.0 | 5.1 |
| 1999026\_2013170 | 0.955 | 13 | 0.0120 | 7 | 1999/01/26 | 07:04:20.900 | -21.100 | -174.486 | 33.0 | 5.2 |
|  |  |  |  |  | 2013/06/19 | 09:39:33.960 | -21.022 | -174.438 | 41.5 | 5.1 |
| 1999026\_2017186 | 0.955 | 12 | 0.0159 | 8 | 1999/01/26 | 07:04:20.900 | -21.100 | -174.486 | 33.0 | 5.2 |
|  |  |  |  |  | 2017/07/05 | 23:29:45.290 | -20.881 | -174.382 | 35.0 | 5.1 |
| 1999032\_2010214 | 0.983 | 38 | 0.0063 | 29 | 1999/02/01 | 16:35:31.140 | -6.474 | 104.721 | 33.0 | 5.2 |
|  |  |  |  |  | 2010/08/02 | 23:13:29.800 | -6.498 | 104.618 | 41.7 | 5.4 |
| 1999040\_2004254 | 0.964 | 53 | 0.0102 | 36 | 1999/02/09 | 00:19:37.140 | 42.328 | 142.983 | 59.1 | 5.1 |
|  |  |  |  |  | 2004/09/10 | 04:22:10.110 | 42.392 | 142.954 | 51.8 | 5.0 |
| 1999040\_2010014 | 0.971 | 48 | 0.0083 | 33 | 1999/02/09 | 00:19:37.140 | 42.328 | 142.983 | 59.1 | 5.1 |
|  |  |  |  |  | 2010/01/14 | 18:46:25.100 | 42.338 | 142.991 | 60.1 | 5.0 |
| 1999051\_2013357 | 0.973 | 25 | 0.0105 | 14 | 1999/02/20 | 10:50:12.750 | 35.380 | 142.094 | 33.0 | 5.3 |
|  |  |  |  |  | 2013/12/23 | 09:25:12.290 | 35.503 | 142.302 | 17.4 | 5.1 |
| 1999056\_2013264 | 0.965 | 45 | 0.0109 | 35 | 1999/02/25 | 08:41:17.740 | 52.228 | 173.962 | 33.0 | 5.1 |
|  |  |  |  |  | 2013/09/21 | 22:58:22.800 | 52.279 | 173.781 | 25.4 | 5.1 |
| 1999115\_2008067 | 0.970 | 70 | 0.0091 | 58 | 1999/04/25 | 12:27:05.270 | 36.441 | 140.473 | 81.7 | 5.3 |
|  |  |  |  |  | 2008/03/07 | 16:54:57.170 | 36.453 | 140.612 | 57.0 | 5.2 |
| 1999115\_2016209 | 0.974 | 79 | 0.0117 | 68 | 1999/04/25 | 12:27:05.270 | 36.441 | 140.473 | 81.7 | 5.3 |
|  |  |  |  |  | 2016/07/27 | 14:47:17.010 | 36.492 | 140.758 | 46.0 | 5.3 |
| 1999129\_2008013 | 0.960 | 10 | 0.0077 | 6 | 1999/05/09 | 00:35:02.990 | -16.102 | -172.961 | 33.0 | 5.2 |
|  |  |  |  |  | 2008/01/13 | 11:16:40.530 | -16.057 | -172.937 | 36.6 | 5.2 |
| 1999150\_2006214 | 0.984 | 21 | 0.0094 | 21 | 1999/05/30 | 04:41:36.280 | -5.424 | 152.411 | 56.7 | 5.0 |
|  |  |  |  |  | 2006/08/02 | 23:44:24.160 | -5.463 | 152.479 | 37.8 | 5.0 |
| 1999178\_2005120 | 0.954 | 31 | 0.0144 | 19 | 1999/06/27 | 14:01:39.150 | -20.105 | -173.692 | 33.0 | 5.2 |
|  |  |  |  |  | 2005/04/30 | 08:28:37.570 | -19.990 | -173.680 | 10.0 | 5.0 |
| 1999178\_2012235 | 0.961 | 21 | 0.0104 | 14 | 1999/06/27 | 14:01:39.150 | -20.105 | -173.692 | 33.0 | 5.2 |
|  |  |  |  |  | 2012/08/22 | 10:13:57.470 | -20.038 | -173.661 | 35.0 | 5.1 |
| 1999207\_2012060 | 0.973 | 20 | 0.0073 | 17 | 1999/07/26 | 21:22:01.970 | 49.255 | 156.275 | 33.0 | 5.1 |
|  |  |  |  |  | 2012/02/29 | 01:22:52.650 | 49.282 | 156.200 | 46.8 | 5.0 |
| 1999213\_2009111 | 0.963 | 82 | 0.0120 | 67 | 1999/08/01 | 20:10:54.380 | 52.303 | -173.381 | 51.1 | 5.3 |
|  |  |  |  |  | 2009/04/21 | 08:37:28.080 | 52.257 | -173.436 | 55.5 | 5.2 |
| 1999232\_2011194 | 0.973 | 15 | 0.0082 | 8 | 1999/08/20 | 20:19:01.070 | -21.417 | -174.525 | 33.0 | 5.1 |
|  |  |  |  |  | 2011/07/13 | 07:25:16.160 | -21.511 | -174.360 | 10.0 | 5.2 |
| 1999249\_2007234 | 0.970 | 10 | 0.0113 | 9 | 1999/09/06 | 03:14:58.270 | -7.067 | 154.727 | 62.4 | 5.3 |
|  |  |  |  |  | 2007/08/22 | 09:34:50.740 | -7.042 | 154.789 | 49.5 | 5.0 |
| 1999249\_2014102 | 0.956 | 16 | 0.0168 | 15 | 1999/09/06 | 03:14:58.270 | -7.067 | 154.727 | 62.4 | 5.3 |
|  |  |  |  |  | 2014/04/12 | 10:55:41.640 | -6.973 | 154.803 | 14.1 | 5.0 |
| 1999249\_2014116 | 0.954 | 15 | 0.0081 | 13 | 1999/09/06 | 03:14:58.270 | -7.067 | 154.727 | 62.4 | 5.3 |
|  |  |  |  |  | 2014/04/26 | 16:03:50.510 | -7.001 | 154.813 | 35.6 | 5.0 |
| 1999262\_2006352 | 0.961 | 7 | 0.0206 | 6 | 1999/09/19 | 19:59:24.050 | -6.816 | 154.609 | 33.0 | 5.3 |
|  |  |  |  |  | 2006/12/18 | 23:46:16.790 | -6.809 | 154.576 | 61.9 | 5.3 |
| 1999269\_2013305 | 0.973 | 54 | 0.0108 | 43 | 1999/09/26 | 23:38:38.620 | 44.589 | 148.204 | 61.0 | 5.1 |
|  |  |  |  |  | 2013/11/01 | 16:30:14.300 | 44.631 | 148.180 | 77.7 | 5.2 |
| 1999275\_2010199 | 0.951 | 25 | 0.0175 | 21 | 1999/10/02 | 17:14:17.810 | 24.069 | 122.434 | 44.7 | 5.2 |
|  |  |  |  |  | 2010/07/18 | 13:03:24.500 | 24.131 | 122.470 | 26.9 | 5.1 |
| 1999284\_2012316 | 0.951 | 10 | 0.0213 | 9 | 1999/10/11 | 21:18:27.350 | -10.854 | 164.801 | 33.0 | 5.2 |
|  |  |  |  |  | 2012/11/11 | 14:56:10.590 | -10.755 | 164.828 | 25.9 | 5.2 |
| 2000029\_2014195 | 0.961 | 52 | 0.0229 | 26 | 2000/01/29 | 08:13:10.730 | -8.633 | 111.137 | 60.7 | 5.4 |
|  |  |  |  |  | 2014/07/14 | 05:05:03.200 | -8.819 | 111.253 | 52.5 | 5.5 |
| 2000050\_2010054 | 0.967 | 69 | 0.0085 | 60 | 2000/02/19 | 19:31:37.360 | 49.656 | 155.859 | 48.2 | 5.4 |
|  |  |  |  |  | 2010/02/23 | 10:43:10.260 | 49.702 | 155.789 | 48.4 | 5.3 |
| 2000055\_2002233 | 0.961 | 52 | 0.0133 | 32 | 2000/02/24 | 13:32:26.280 | 51.459 | -178.379 | 50.2 | 5.1 |
|  |  |  |  |  | 2002/08/21 | 17:11:14.410 | 51.476 | -178.354 | 33.0 | 5.1 |
| 2000076\_2014101 | 0.954 | 12 | 0.0113 | 8 | 2000/03/16 | 07:11:18.510 | -6.956 | 155.043 | 33.0 | 5.0 |
|  |  |  |  |  | 2014/04/11 | 10:30:28.960 | -6.877 | 155.137 | 16.1 | 5.1 |
| 2000081\_2002013 | 0.954 | 42 | 0.0089 | 28 | 2000/03/21 | 22:36:39.780 | -5.463 | 152.106 | 64.0 | 5.3 |
|  |  |  |  |  | 2002/01/13 | 16:23:30.140 | -5.422 | 152.111 | 38.5 | 5.1 |
| 2000081\_2008173 | 0.951 | 36 | 0.0129 | 25 | 2000/03/21 | 22:36:39.780 | -5.463 | 152.106 | 64.0 | 5.3 |
|  |  |  |  |  | 2008/06/21 | 07:28:44.540 | -5.396 | 152.067 | 70.6 | 5.1 |
| 2000089\_2016196 | 0.967 | 5 | 0.0212 | 2 | 2000/03/29 | 07:47:01.210 | -27.958 | -176.458 | 10.0 | 5.2 |
|  |  |  |  |  | 2016/07/14 | 02:24:02.360 | -27.896 | -176.347 | 10.0 | 5.1 |
| 2000104\_2012245 | 0.956 | 22 | 0.0169 | 16 | 2000/04/13 | 13:12:53.780 | 10.280 | 126.552 | 33.0 | 5.4 |
|  |  |  |  |  | 2012/09/01 | 00:25:02.670 | 10.229 | 126.450 | 35.0 | 5.3 |
| 2000157\_2006075 | 0.963 | 39 | 0.0134 | 21 | 2000/06/05 | 17:43:24.020 | -7.359 | 106.664 | 33.0 | 5.1 |
|  |  |  |  |  | 2006/03/16 | 05:43:09.700 | -7.366 | 106.720 | 20.3 | 5.0 |
| 2000157\_2012315 | 0.968 | 30 | 0.0093 | 15 | 2000/06/05 | 17:43:24.020 | -7.359 | 106.664 | 33.0 | 5.1 |
|  |  |  |  |  | 2012/11/10 | 06:05:27.190 | -7.373 | 106.666 | 49.5 | 5.1 |
| 2000161\_2001045 | 0.972 | 48 | 0.0090 | 39 | 2000/06/09 | 06:47:32.180 | -5.013 | 102.723 | 33.0 | 5.1 |
|  |  |  |  |  | 2001/02/14 | 01:39:31.490 | -5.023 | 102.727 | 33.0 | 5.2 |
| 2000166\_2012144 | 0.956 | 78 | 0.0130 | 59 | 2000/06/14 | 14:11:07.350 | 46.640 | 152.587 | 33.0 | 5.5 |
|  |  |  |  |  | 2012/05/23 | 20:25:58.200 | 46.660 | 152.557 | 34.0 | 5.3 |
| 2000166\_2015347 | 0.961 | 65 | 0.0184 | 43 | 2000/06/14 | 14:11:07.350 | 46.640 | 152.587 | 33.0 | 5.5 |
|  |  |  |  |  | 2015/12/13 | 01:52:17.690 | 46.724 | 152.586 | 56.7 | 5.3 |
| 2000210\_2008136 | 0.951 | 18 | 0.0180 | 13 | 2000/07/28 | 04:28:08.190 | -20.679 | -174.082 | 33.0 | 5.1 |
|  |  |  |  |  | 2008/05/15 | 14:06:15.330 | -20.839 | -174.062 | 35.0 | 5.1 |
| 2000210\_2012319 | 0.967 | 28 | 0.0178 | 25 | 2000/07/28 | 04:28:08.190 | -20.679 | -174.082 | 33.0 | 5.1 |
|  |  |  |  |  | 2012/11/14 | 07:41:53.210 | -20.739 | -174.079 | 10.0 | 5.2 |
| 2000210\_2016348 | 0.950 | 27 | 0.0138 | 20 | 2000/07/28 | 04:28:08.190 | -20.679 | -174.082 | 33.0 | 5.1 |
|  |  |  |  |  | 2016/12/13 | 23:51:31.140 | -20.612 | -173.631 | 10.0 | 5.2 |
| 2000216\_2010271 | 0.961 | 28 | 0.0179 | 20 | 2000/08/03 | 17:01:57.700 | 11.804 | 143.130 | 33.0 | 5.1 |
|  |  |  |  |  | 2010/09/28 | 03:15:03.030 | 11.884 | 143.241 | 10.9 | 5.0 |
| 2000216\_2016123 | 0.975 | 35 | 0.0067 | 23 | 2000/08/03 | 17:01:57.700 | 11.804 | 143.130 | 33.0 | 5.1 |
|  |  |  |  |  | 2016/05/02 | 05:24:42.170 | 11.851 | 143.337 | 10.0 | 5.3 |
| 2000217\_2011175a | 0.965 | 24 | 0.0133 | 8 | 2000/08/04 | 03:11:49.970 | -12.723 | 66.171 | 10.0 | 5.0 |
|  |  |  |  |  | 2011/06/24 | 05:12:10.180 | -12.715 | 66.354 | 10.0 | 5.1 |
| 2000236\_2012306 | 0.970 | 54 | 0.0100 | 40 | 2000/08/23 | 05:14:06.790 | 51.298 | -179.680 | 56.3 | 5.2 |
|  |  |  |  |  | 2012/11/01 | 09:50:59.090 | 51.011 | -179.699 | 9.0 | 5.1 |
| 2000242\_2005124 | 0.976 | 34 | 0.0096 | 31 | 2000/08/29 | 07:14:48.470 | 3.113 | 96.438 | 33.0 | 5.0 |
|  |  |  |  |  | 2005/05/04 | 00:44:50.540 | 3.047 | 96.382 | 40.2 | 5.1 |
| 2000278\_2006013 | 0.962 | 36 | 0.0266 | 16 | 2000/10/04 | 15:39:27.710 | -17.747 | -173.199 | 33.0 | 5.1 |
|  |  |  |  |  | 2006/01/13 | 09:17:56.910 | -17.757 | -173.216 | 10.0 | 5.4 |
| 2000278\_2008132 | 0.953 | 16 | 0.0080 | 9 | 2000/10/04 | 15:39:27.710 | -17.747 | -173.199 | 33.0 | 5.1 |
|  |  |  |  |  | 2008/05/11 | 05:49:22.450 | -17.740 | -173.283 | 38.8 | 5.4 |
| 2000286\_2011315 | 0.962 | 63 | 0.0163 | 46 | 2000/10/12 | 02:22:09.750 | -17.685 | -173.010 | 33.0 | 5.4 |
|  |  |  |  |  | 2011/11/11 | 15:02:19.930 | -17.708 | -173.095 | 10.0 | 5.6 |
| 2000329\_2004143 | 0.976 | 62 | 0.0097 | 45 | 2000/11/24 | 17:27:11.160 | -20.508 | -174.367 | 35.3 | 5.4 |
|  |  |  |  |  | 2004/05/22 | 07:36:57.020 | -20.522 | -174.254 | 33.1 | 5.4 |
| 2000329\_2009192 | 0.968 | 58 | 0.0108 | 48 | 2000/11/24 | 17:27:11.160 | -20.508 | -174.367 | 35.3 | 5.4 |
|  |  |  |  |  | 2009/07/11 | 12:35:21.830 | -20.672 | -174.215 | 35.0 | 5.3 |
| 2000329\_2012169 | 0.972 | 56 | 0.0129 | 43 | 2000/11/24 | 17:27:11.160 | -20.508 | -174.367 | 35.3 | 5.4 |
|  |  |  |  |  | 2012/06/17 | 17:26:26.940 | -20.588 | -174.311 | 10.0 | 5.3 |
| 2000338\_2013111 | 0.981 | 144 | 0.0112 | 132 | 2000/12/03 | 12:55:16.700 | 51.666 | -178.156 | 43.2 | 5.7 |
|  |  |  |  |  | 2013/04/21 | 13:48:29.450 | 51.663 | -178.239 | 44.0 | 5.6 |
| 2000345\_2016218 | 0.961 | 11 | 0.0100 | 8 | 2000/12/10 | 03:17:58.430 | -6.698 | 155.716 | 67.0 | 5.0 |
|  |  |  |  |  | 2016/08/05 | 15:04:38.240 | -6.717 | 155.679 | 77.9 | 5.1 |
| 2001007\_2009212 | 0.960 | 47 | 0.0165 | 39 | 2001/01/07 | 12:55:46.890 | -8.703 | 108.893 | 33.0 | 5.4 |
|  |  |  |  |  | 2009/07/31 | 14:56:16.480 | -8.795 | 108.744 | 17.5 | 5.4 |
| 2001009\_2009281 | 0.967 | 5 | 0.0208 | 4 | 2001/01/09 | 12:53:15.520 | -11.446 | 165.670 | 33.0 | 5.3 |
|  |  |  |  |  | 2009/10/08 | 06:07:11.400 | -11.437 | 165.717 | 35.0 | 5.0 |
| 2001009\_2011148 | 0.963 | 12 | 0.0111 | 9 | 2001/01/09 | 12:53:15.520 | -11.446 | 165.670 | 33.0 | 5.3 |
|  |  |  |  |  | 2011/05/28 | 16:47:11.180 | -11.502 | 165.797 | 35.0 | 5.1 |
| 2001033\_2013165 | 0.960 | 55 | 0.0125 | 37 | 2001/02/02 | 14:47:55.090 | 5.636 | -82.631 | 10.0 | 5.3 |
|  |  |  |  |  | 2013/06/14 | 17:56:45.320 | 5.300 | -82.617 | 10.0 | 5.2 |
| 2001047\_2008292 | 0.967 | 40 | 0.0077 | 18 | 2001/02/16 | 23:38:03.710 | -6.080 | 104.680 | 33.0 | 5.0 |
|  |  |  |  |  | 2008/10/18 | 18:41:32.150 | -6.058 | 104.751 | 77.5 | 5.1 |
| 2001058\_2008156 | 0.975 | 32 | 0.0139 | 22 | 2001/02/27 | 12:10:32.460 | -22.653 | -175.059 | 33.0 | 5.2 |
|  |  |  |  |  | 2008/06/04 | 21:28:24.980 | -22.569 | -175.102 | 34.5 | 5.2 |
| 2001064\_2006203 | 0.960 | 26 | 0.0176 | 19 | 2001/03/05 | 21:24:49.310 | -9.760 | 108.822 | 33.0 | 5.1 |
|  |  |  |  |  | 2006/07/22 | 03:05:11.200 | -9.687 | 108.821 | 10.0 | 5.2 |
| 2001064\_2006321 | 0.968 | 25 | 0.0118 | 20 | 2001/03/05 | 21:24:49.310 | -9.760 | 108.822 | 33.0 | 5.1 |
|  |  |  |  |  | 2006/11/17 | 00:57:58.970 | -9.778 | 108.905 | 10.0 | 5.0 |
| 2001064\_2010028 | 0.967 | 20 | 0.0113 | 12 | 2001/03/05 | 21:24:49.310 | -9.760 | 108.822 | 33.0 | 5.1 |
|  |  |  |  |  | 2010/01/28 | 04:01:18.210 | -9.832 | 108.788 | 16.1 | 5.0 |
| 2001064\_2015132 | 0.974 | 21 | 0.0106 | 12 | 2001/03/05 | 21:24:49.310 | -9.760 | 108.822 | 33.0 | 5.1 |
|  |  |  |  |  | 2015/05/12 | 06:27:03.550 | -10.022 | 108.732 | 10.0 | 5.1 |
| 2001066\_2009151 | 0.967 | 9 | 0.0104 | 8 | 2001/03/07 | 12:20:08.480 | -16.168 | 178.271 | 33.0 | 5.1 |
|  |  |  |  |  | 2009/05/31 | 16:14:30.760 | -16.210 | 178.282 | 22.5 | 5.0 |
| 2001077\_2011184 | 0.966 | 65 | 0.0133 | 53 | 2001/03/18 | 15:43:21.310 | 12.540 | -87.399 | 95.5 | 5.7 |
|  |  |  |  |  | 2011/07/03 | 06:34:36.870 | 12.326 | -87.620 | 36.0 | 5.7 |
| 2001090\_2010357 | 0.971 | 45 | 0.0062 | 38 | 2001/03/31 | 02:26:33.470 | 4.049 | 96.088 | 50.7 | 5.1 |
|  |  |  |  |  | 2010/12/23 | 00:01:37.690 | 3.931 | 95.916 | 41.8 | 5.4 |
| 2001111\_2008006 | 0.956 | 39 | 0.0144 | 23 | 2001/04/21 | 15:41:31.600 | -4.748 | 103.097 | 88.7 | 5.1 |
|  |  |  |  |  | 2008/01/06 | 10:06:32.780 | -4.867 | 103.096 | 35.0 | 5.1 |
| 2001125\_2009242 | 0.969 | 54 | 0.0135 | 43 | 2001/05/05 | 18:06:55.820 | 14.813 | -93.658 | 33.0 | 5.2 |
|  |  |  |  |  | 2009/08/30 | 09:19:43.760 | 14.567 | -93.574 | 10.0 | 5.1 |
| 2001127\_2007220 | 0.963 | 62 | 0.0175 | 50 | 2001/05/07 | 14:32:52.170 | 27.315 | 128.346 | 55.7 | 5.2 |
|  |  |  |  |  | 2007/08/08 | 15:19:42.560 | 27.385 | 128.346 | 47.0 | 5.2 |
| 2001127\_2013064 | 0.970 | 68 | 0.0131 | 54 | 2001/05/07 | 14:32:52.170 | 27.315 | 128.346 | 55.7 | 5.2 |
|  |  |  |  |  | 2013/03/05 | 20:32:45.540 | 27.386 | 128.304 | 51.1 | 5.3 |
| 2001134\_2012237 | 0.967 | 54 | 0.0143 | 50 | 2001/05/14 | 02:32:38.110 | -27.173 | -176.898 | 33.0 | 5.7 |
|  |  |  |  |  | 2012/08/24 | 04:43:48.350 | -27.311 | -176.807 | 16.0 | 5.7 |
| 2001147\_2006137 | 0.959 | 31 | 0.0198 | 20 | 2001/05/27 | 21:17:50.080 | -4.333 | 102.840 | 100.0 | 5.1 |
|  |  |  |  |  | 2006/05/17 | 03:48:19.650 | -4.457 | 102.736 | 38.8 | 5.0 |
| 2001147\_2010204 | 0.958 | 33 | 0.0088 | 17 | 2001/05/27 | 21:17:50.080 | -4.333 | 102.840 | 100.0 | 5.1 |
|  |  |  |  |  | 2010/07/23 | 14:34:13.250 | -4.533 | 102.451 | 35.0 | 5.1 |
| 2001190\_2005323 | 0.952 | 8 | 0.0239 | 5 | 2001/07/09 | 04:43:21.840 | -30.197 | -177.911 | 33.0 | 5.0 |
|  |  |  |  |  | 2005/11/19 | 18:09:38.730 | -30.015 | -177.925 | 51.6 | 5.2 |
| 2001277\_2011211 | 0.966 | 28 | 0.0150 | 24 | 2001/10/04 | 16:57:29.450 | 34.920 | 141.598 | 42.9 | 5.2 |
|  |  |  |  |  | 2011/07/30 | 13:21:34.560 | 34.825 | 141.601 | 35.0 | 5.0 |
| 2001299\_2014164 | 0.972 | 34 | 0.0147 | 25 | 2001/10/26 | 08:44:28.310 | 30.554 | 141.755 | 33.0 | 5.0 |
|  |  |  |  |  | 2014/06/13 | 05:50:49.790 | 30.699 | 141.835 | 47.2 | 5.0 |
| 2001310\_2014141 | 0.956 | 81 | 0.0218 | 36 | 2001/11/06 | 06:12:53.830 | -30.437 | -71.155 | 61.4 | 5.1 |
|  |  |  |  |  | 2014/05/21 | 09:00:53.210 | -30.452 | -71.311 | 36.2 | 5.1 |
| 2002006\_2011260 | 0.970 | 117 | 0.0113 | 92 | 2002/01/06 | 01:33:39.720 | 48.776 | 154.964 | 44.7 | 5.2 |
|  |  |  |  |  | 2011/09/17 | 08:59:30.470 | 48.909 | 154.739 | 61.9 | 5.2 |
| 2002013\_2008173 | 0.955 | 44 | 0.0130 | 24 | 2002/01/13 | 16:23:30.140 | -5.422 | 152.111 | 38.5 | 5.1 |
|  |  |  |  |  | 2008/06/21 | 07:28:44.540 | -5.396 | 152.067 | 70.6 | 5.1 |
| 2002015\_2013242 | 0.970 | 9 | 0.0135 | 5 | 2002/01/15 | 13:04:05.850 | -18.195 | 168.152 | 10.0 | 5.2 |
|  |  |  |  |  | 2013/08/30 | 11:35:09.510 | -18.366 | 168.203 | 27.1 | 5.0 |
| 2002027\_2006254 | 0.956 | 12 | 0.0247 | 4 | 2002/01/27 | 03:04:14.500 | -21.697 | -174.553 | 33.0 | 5.3 |
|  |  |  |  |  | 2006/09/11 | 20:59:27.390 | -21.537 | -174.525 | 10.0 | 5.3 |
| 2002040\_2002161 | 0.975 | 57 | 0.0136 | 42 | 2002/02/09 | 22:50:47.810 | -3.734 | 151.305 | 10.0 | 5.3 |
|  |  |  |  |  | 2002/06/10 | 16:24:17.270 | -3.801 | 151.380 | 33.0 | 5.3 |
| 2002048\_2007199 | 0.954 | 49 | 0.0196 | 24 | 2002/02/17 | 10:23:01.380 | -5.875 | 104.590 | 33.0 | 5.2 |
|  |  |  |  |  | 2007/07/18 | 19:37:31.460 | -5.954 | 104.537 | 30.0 | 5.1 |
| 2002052\_2007348 | 0.961 | 11 | 0.0170 | 7 | 2002/02/21 | 00:30:54.140 | -26.796 | -176.374 | 33.0 | 5.2 |
|  |  |  |  |  | 2007/12/14 | 18:24:44.710 | -26.631 | -176.454 | 35.0 | 5.1 |
| 2002101\_2008152 | 0.980 | 38 | 0.0067 | 34 | 2002/04/11 | 12:04:13.480 | 39.987 | 142.813 | 35.9 | 5.3 |
|  |  |  |  |  | 2008/05/31 | 14:28:35.100 | 39.983 | 142.604 | 33.5 | 5.0 |
| 2002101\_2011122 | 0.987 | 40 | 0.0053 | 37 | 2002/04/11 | 12:04:13.480 | 39.987 | 142.813 | 35.9 | 5.3 |
|  |  |  |  |  | 2011/05/02 | 21:25:49.540 | 40.102 | 142.564 | 32.3 | 5.1 |
| 2002101\_2011354 | 0.980 | 41 | 0.0073 | 32 | 2002/04/11 | 12:04:13.480 | 39.987 | 142.813 | 35.9 | 5.3 |
|  |  |  |  |  | 2011/12/20 | 06:26:23.210 | 40.099 | 142.559 | 52.7 | 5.1 |
| 2002101\_2014016 | 0.980 | 39 | 0.0049 | 32 | 2002/04/11 | 12:04:13.480 | 39.987 | 142.813 | 35.9 | 5.3 |
|  |  |  |  |  | 2014/01/16 | 01:12:17.710 | 40.115 | 142.818 | 51.8 | 5.1 |
| 2002116\_2009005 | 0.971 | 25 | 0.0150 | 14 | 2002/04/26 | 02:12:56.640 | -27.441 | -176.702 | 33.0 | 5.5 |
|  |  |  |  |  | 2009/01/05 | 22:27:13.890 | -27.480 | -176.706 | 47.0 | 5.4 |
| 2002129\_2011053 | 0.963 | 45 | 0.0137 | 41 | 2002/05/09 | 16:37:34.840 | 26.440 | 128.851 | 33.0 | 5.2 |
|  |  |  |  |  | 2011/02/22 | 04:56:19.740 | 26.419 | 128.706 | 16.1 | 5.1 |
| 2002155\_2014260 | 0.959 | 55 | 0.0142 | 46 | 2002/06/04 | 17:20:57.090 | 24.850 | 125.353 | 48.9 | 5.1 |
|  |  |  |  |  | 2014/09/17 | 23:18:55.450 | 24.841 | 125.351 | 42.8 | 5.4 |
| 2002171\_2006322 | 0.956 | 15 | 0.0272 | 10 | 2002/06/20 | 05:26:10.640 | -23.473 | -175.518 | 33.0 | 5.1 |
|  |  |  |  |  | 2006/11/18 | 21:45:11.170 | -23.497 | -175.545 | 42.0 | 5.0 |
| 2002171\_2007257 | 0.961 | 5 | 0.0178 | 3 | 2002/06/20 | 03:02:36.950 | -12.012 | 166.106 | 33.0 | 5.3 |
|  |  |  |  |  | 2007/09/14 | 23:44:35.210 | -11.982 | 165.871 | 35.0 | 5.0 |
| 2002171\_2009281 | 0.962 | 9 | 0.0117 | 4 | 2002/06/20 | 03:02:36.950 | -12.012 | 166.106 | 33.0 | 5.3 |
|  |  |  |  |  | 2009/10/08 | 18:10:49.900 | -12.035 | 165.978 | 35.0 | 5.2 |
| 2002187\_2012317 | 0.972 | 20 | 0.0285 | 9 | 2002/07/06 | 00:07:08.400 | -17.638 | -173.198 | 33.0 | 5.4 |
|  |  |  |  |  | 2012/11/12 | 14:58:09.650 | -17.631 | -173.090 | 10.0 | 5.1 |
| 2002187\_2017200 | 0.963 | 21 | 0.0157 | 7 | 2002/07/06 | 00:07:08.400 | -17.638 | -173.198 | 33.0 | 5.4 |
|  |  |  |  |  | 2017/07/19 | 17:11:44.250 | -17.569 | -172.886 | 5.4 | 5.2 |
| 2002199\_2009125 | 0.966 | 9 | 0.0015 | 3 | 2002/07/18 | 14:26:51.630 | -58.688 | -25.275 | 33.0 | 5.0 |
|  |  |  |  |  | 2009/05/05 | 06:16:07.350 | -58.704 | -25.115 | 36.2 | 5.1 |
| 2002222\_2014191 | 0.981 | 17 | 0.0111 | 15 | 2002/08/10 | 19:43:02.940 | -7.254 | 156.081 | 41.8 | 5.0 |
|  |  |  |  |  | 2014/07/10 | 19:24:44.130 | -7.370 | 156.192 | 54.0 | 5.1 |
| 2002248\_2009247 | 0.973 | 62 | 0.0080 | 30 | 2002/09/05 | 00:14:42.090 | -6.199 | 104.876 | 43.7 | 5.2 |
|  |  |  |  |  | 2009/09/04 | 00:52:08.110 | -6.286 | 104.794 | 46.0 | 5.1 |
| 2002248\_2017312 | 0.967 | 48 | 0.0079 | 20 | 2002/09/05 | 00:14:42.090 | -6.199 | 104.876 | 43.7 | 5.2 |
|  |  |  |  |  | 2017/11/08 | 19:17:06.960 | -6.507 | 104.615 | 35.0 | 5.0 |
| 2002258\_2004315 | 0.957 | 40 | 0.0153 | 22 | 2002/09/15 | 01:06:55.800 | 24.098 | 122.463 | 36.0 | 5.1 |
|  |  |  |  |  | 2004/11/10 | 14:48:06.920 | 24.076 | 122.344 | 56.8 | 5.1 |
| 2002275\_2013284 | 0.969 | 37 | 0.0099 | 24 | 2002/10/02 | 21:10:07.910 | -5.859 | 103.029 | 33.0 | 5.1 |
|  |  |  |  |  | 2013/10/11 | 13:12:57.830 | -5.798 | 103.088 | 37.6 | 5.3 |
| 2002276\_2010316 | 0.961 | 48 | 0.0083 | 35 | 2002/10/03 | 15:56:41.130 | 54.564 | 161.515 | 53.8 | 5.2 |
|  |  |  |  |  | 2010/11/12 | 06:31:13.250 | 54.650 | 161.361 | 52.6 | 5.0 |
| 2002294\_2017046 | 0.952 | 35 | 0.0152 | 7 | 2002/10/21 | 12:15:22.700 | -7.374 | 107.356 | 65.5 | 5.1 |
|  |  |  |  |  | 2017/02/15 | 18:53:38.570 | -7.516 | 107.388 | 77.3 | 5.0 |
| 2002330\_2008234 | 0.961 | 24 | 0.0150 | 22 | 2002/11/26 | 15:29:45.040 | 23.931 | 122.738 | 33.0 | 5.3 |
|  |  |  |  |  | 2008/08/21 | 06:53:07.990 | 23.853 | 122.602 | 6.6 | 5.0 |
| 2002333\_2014344 | 0.975 | 13 | 0.0021 | 2 | 2002/11/29 | 05:49:40.850 | -18.454 | -173.251 | 33.0 | 5.2 |
|  |  |  |  |  | 2014/12/10 | 12:49:51.850 | -18.493 | -173.077 | 10.0 | 5.0 |
| 2003019\_2013205 | 0.969 | 36 | 0.0124 | 25 | 2003/01/19 | 02:55:24.280 | -3.428 | 101.638 | 53.2 | 5.1 |
|  |  |  |  |  | 2013/07/24 | 21:39:22.260 | -3.607 | 101.509 | 57.4 | 5.2 |
| 2003101\_2008097 | 0.973 | 9 | 0.0103 | 4 | 2003/04/11 | 17:57:16.550 | -20.113 | 168.645 | 33.0 | 5.1 |
|  |  |  |  |  | 2008/04/06 | 18:48:15.190 | -20.081 | 168.575 | 35.0 | 5.1 |
| 2003101\_2008153 | 0.972 | 11 | 0.0222 | 5 | 2003/04/11 | 17:57:16.550 | -20.113 | 168.645 | 33.0 | 5.1 |
|  |  |  |  |  | 2008/06/01 | 22:30:50.880 | -20.062 | 168.601 | 45.5 | 5.2 |
| 2003101\_2011148 | 0.974 | 8 | 0.0117 | 4 | 2003/04/11 | 17:57:16.550 | -20.113 | 168.645 | 33.0 | 5.1 |
|  |  |  |  |  | 2011/05/28 | 06:42:06.570 | -20.057 | 168.527 | 37.8 | 5.1 |
| 2003137\_2011141 | 0.957 | 96 | 0.0148 | 82 | 2003/05/17 | 14:33:09.670 | 35.591 | 140.551 | 50.0 | 5.4 |
|  |  |  |  |  | 2011/05/21 | 22:06:26.390 | 35.597 | 140.492 | 37.0 | 5.6 |
| 2003137\_2017050 | 0.958 | 79 | 0.0134 | 67 | 2003/05/17 | 14:33:09.670 | 35.591 | 140.551 | 50.0 | 5.4 |
|  |  |  |  |  | 2017/02/19 | 09:19:31.080 | 35.662 | 140.752 | 42.0 | 5.4 |
| 2003142\_2013019 | 0.971 | 58 | 0.0162 | 44 | 2003/05/22 | 17:45:37.630 | 11.302 | 125.459 | 71.6 | 5.2 |
|  |  |  |  |  | 2013/01/19 | 13:48:02.480 | 11.252 | 125.386 | 43.0 | 5.3 |
| 2003149\_2017154 | 0.969 | 130 | 0.0083 | 120 | 2003/05/29 | 05:59:07.660 | 50.878 | 157.301 | 49.4 | 5.3 |
|  |  |  |  |  | 2017/06/03 | 11:47:23.270 | 50.816 | 157.345 | 44.0 | 5.3 |
| 2003155\_2007226 | 0.964 | 6 | 0.0085 | 5 | 2003/06/04 | 06:03:43.530 | -30.286 | -177.842 | 33.0 | 5.0 |
|  |  |  |  |  | 2007/08/14 | 05:52:34.200 | -30.417 | -177.803 | 35.0 | 5.1 |
| 2003183\_2008055 | 0.962 | 55 | 0.0226 | 27 | 2003/07/02 | 00:47:11.860 | -3.643 | 102.060 | 75.2 | 5.1 |
|  |  |  |  |  | 2008/02/24 | 04:36:29.250 | -3.741 | 101.986 | 44.2 | 5.2 |
| 2003185\_2008053 | 0.972 | 15 | 0.0093 | 10 | 2003/07/04 | 01:15:56.550 | -20.962 | -174.541 | 33.0 | 5.3 |
|  |  |  |  |  | 2008/02/22 | 15:26:51.360 | -20.993 | -174.527 | 35.0 | 5.1 |
| 2003185\_2013170 | 0.964 | 22 | 0.0095 | 12 | 2003/07/04 | 01:15:56.550 | -20.962 | -174.541 | 33.0 | 5.3 |
|  |  |  |  |  | 2013/06/19 | 09:39:33.960 | -21.022 | -174.438 | 41.5 | 5.1 |
| 2003185\_2015123 | 0.960 | 54 | 0.0174 | 40 | 2003/07/04 | 03:39:02.850 | -5.465 | 151.756 | 10.0 | 5.4 |
|  |  |  |  |  | 2015/05/03 | 22:35:07.600 | -5.523 | 151.855 | 35.0 | 5.5 |
| 2003185\_2017186 | 0.972 | 23 | 0.0104 | 13 | 2003/07/04 | 01:15:56.550 | -20.962 | -174.541 | 33.0 | 5.3 |
|  |  |  |  |  | 2017/07/05 | 23:29:45.290 | -20.881 | -174.382 | 35.0 | 5.1 |
| 2003196\_2012054 | 0.950 | 13 | 0.0139 | 8 | 2003/07/15 | 09:25:58.800 | -5.139 | 151.826 | 45.0 | 5.3 |
|  |  |  |  |  | 2012/02/23 | 13:25:30.190 | -5.197 | 151.926 | 68.6 | 5.1 |
| 2003225\_2017263 | 0.971 | 32 | 0.0098 | 20 | 2003/08/13 | 16:38:10.710 | -9.826 | 119.015 | 33.0 | 5.0 |
|  |  |  |  |  | 2017/09/20 | 16:25:11.310 | -10.196 | 118.882 | 10.8 | 5.3 |
| 2003242\_2015255 | 0.952 | 65 | 0.0170 | 58 | 2003/08/30 | 10:06:39.970 | 41.864 | 142.552 | 51.9 | 5.5 |
|  |  |  |  |  | 2015/09/12 | 13:38:01.860 | 41.897 | 142.652 | 49.0 | 5.4 |
| 2003260\_2016261 | 0.956 | 34 | 0.0211 | 13 | 2003/09/17 | 01:27:18.980 | -4.436 | 102.844 | 68.7 | 5.0 |
|  |  |  |  |  | 2016/09/17 | 02:30:56.820 | -4.435 | 102.754 | 59.0 | 5.5 |
| 2003263\_2012205 | 0.963 | 8 | 0.0051 | 4 | 2003/09/20 | 13:35:14.430 | -30.702 | -177.705 | 33.0 | 5.2 |
|  |  |  |  |  | 2012/07/23 | 19:47:14.110 | -30.830 | -177.465 | 35.0 | 5.0 |
| 2003268\_2004086 | 0.972 | 136 | 0.0167 | 116 | 2003/09/25 | 21:02:52.630 | 41.807 | 144.231 | 33.0 | 5.5 |
|  |  |  |  |  | 2004/03/26 | 16:26:38.080 | 41.810 | 144.303 | 12.8 | 5.0 |
| 2003279\_2009153 | 0.962 | 12 | 0.0097 | 7 | 2003/10/06 | 13:28:57.520 | -17.919 | 167.730 | 33.0 | 5.0 |
|  |  |  |  |  | 2009/06/02 | 16:01:37.150 | -17.873 | 167.810 | 35.0 | 5.0 |
| 2003284\_2009066 | 0.952 | 100 | 0.0184 | 81 | 2003/10/11 | 18:26:18.600 | 41.746 | 143.683 | 33.0 | 5.6 |
|  |  |  |  |  | 2009/03/07 | 14:33:04.910 | 41.796 | 143.693 | 32.7 | 5.3 |
| 2003296\_2015215 | 0.971 | 12 | 0.0223 | 8 | 2003/10/23 | 08:12:39.820 | -10.823 | 161.669 | 33.7 | 5.3 |
|  |  |  |  |  | 2015/08/03 | 09:41:53.590 | -10.747 | 161.899 | 32.7 | 5.4 |
| 2003317\_2016270 | 0.954 | 44 | 0.0085 | 27 | 2003/11/13 | 22:39:20.580 | 41.857 | 142.117 | 74.4 | 5.0 |
|  |  |  |  |  | 2016/09/26 | 02:24:37.740 | 41.880 | 142.204 | 64.0 | 5.0 |
| 2004028\_2017030 | 0.966 | 44 | 0.0120 | 33 | 2004/01/28 | 02:50:00.350 | 9.816 | 125.914 | 91.0 | 5.1 |
|  |  |  |  |  | 2017/01/30 | 02:43:55.790 | 9.935 | 126.035 | 53.3 | 5.1 |
| 2004032\_2012281 | 0.954 | 47 | 0.0195 | 36 | 2004/02/01 | 21:06:32.140 | -5.547 | 151.708 | 73.2 | 5.2 |
|  |  |  |  |  | 2012/10/07 | 08:36:32.180 | -5.530 | 151.794 | 35.0 | 5.3 |
| 2004046\_2008192 | 0.955 | 55 | 0.0197 | 32 | 2004/02/15 | 00:01:30.710 | -20.033 | 169.226 | 46.6 | 5.2 |
|  |  |  |  |  | 2008/07/10 | 16:01:06.490 | -20.081 | 169.205 | 69.5 | 5.1 |
| 2004046\_2011289 | 0.954 | 58 | 0.0123 | 34 | 2004/02/15 | 00:01:30.710 | -20.033 | 169.226 | 46.6 | 5.2 |
|  |  |  |  |  | 2011/10/16 | 04:24:45.080 | -20.040 | 169.144 | 81.1 | 5.1 |
| 2004076\_2015183 | 0.962 | 20 | 0.0139 | 12 | 2004/03/16 | 06:09:22.820 | -32.218 | -177.878 | 10.0 | 5.1 |
|  |  |  |  |  | 2015/07/02 | 19:22:42.200 | -31.955 | -178.027 | 16.3 | 5.0 |
| 2004080\_2012114 | 0.956 | 39 | 0.0121 | 25 | 2004/03/20 | 00:10:42.140 | -23.880 | -175.962 | 10.0 | 5.0 |
|  |  |  |  |  | 2012/04/23 | 10:57:19.650 | -24.007 | -175.934 | 20.1 | 5.0 |
| 2004133\_2014275 | 0.963 | 29 | 0.0067 | 21 | 2004/05/12 | 18:08:48.130 | -20.741 | -174.397 | 10.0 | 5.1 |
|  |  |  |  |  | 2014/10/02 | 07:02:05.150 | -20.931 | -174.290 | 10.0 | 5.1 |
| 2004140\_2013027 | 0.962 | 70 | 0.0093 | 49 | 2004/05/19 | 21:04:14.750 | 27.338 | 128.321 | 60.1 | 5.0 |
|  |  |  |  |  | 2013/01/27 | 20:57:35.470 | 27.314 | 128.348 | 60.6 | 5.2 |
| 2004143\_2009192 | 0.968 | 80 | 0.0129 | 63 | 2004/05/22 | 07:36:57.020 | -20.522 | -174.254 | 33.1 | 5.4 |
|  |  |  |  |  | 2009/07/11 | 12:35:21.830 | -20.672 | -174.215 | 35.0 | 5.3 |
| 2004143\_2012169 | 0.968 | 81 | 0.0156 | 62 | 2004/05/22 | 07:36:57.020 | -20.522 | -174.254 | 33.1 | 5.4 |
|  |  |  |  |  | 2012/06/17 | 17:26:26.940 | -20.588 | -174.311 | 10.0 | 5.3 |
| 2004191\_2012258 | 0.965 | 11 | 0.0133 | 6 | 2004/07/09 | 15:37:53.210 | -39.536 | -16.072 | 10.0 | 5.1 |
|  |  |  |  |  | 2012/09/14 | 06:56:16.840 | -39.644 | -16.021 | 10.0 | 5.1 |
| 2004233\_2012058 | 0.955 | 45 | 0.0150 | 37 | 2004/08/20 | 17:37:53.710 | 23.934 | 123.374 | 26.0 | 5.4 |
|  |  |  |  |  | 2012/02/27 | 01:11:48.390 | 23.873 | 123.355 | 40.1 | 5.2 |
| 2004247\_2009065 | 0.965 | 53 | 0.0133 | 29 | 2004/09/03 | 12:16:49.690 | -15.192 | -173.375 | 10.0 | 5.6 |
|  |  |  |  |  | 2009/03/06 | 07:01:48.040 | -15.156 | -173.309 | 3.0 | 5.8 |
| 2004251\_2011019 | 0.969 | 50 | 0.0149 | 19 | 2004/09/07 | 10:57:39.700 | -33.969 | -72.418 | 36.3 | 5.2 |
|  |  |  |  |  | 2011/01/19 | 05:20:00.000 | -33.960 | -72.453 | 12.9 | 5.3 |
| 2004251\_2014216 | 0.967 | 15 | 0.0105 | 13 | 2004/09/07 | 03:23:02.830 | 0.111 | 98.729 | 59.7 | 5.2 |
|  |  |  |  |  | 2014/08/04 | 12:09:47.510 | 0.156 | 98.629 | 56.0 | 5.0 |
| 2004252\_2012324 | 0.962 | 42 | 0.0207 | 14 | 2004/09/08 | 08:16:01.200 | -33.988 | -72.318 | 31.9 | 5.1 |
|  |  |  |  |  | 2012/11/19 | 16:45:50.370 | -33.928 | -72.170 | 11.2 | 5.1 |
| 2004254\_2010014 | 0.965 | 86 | 0.0110 | 61 | 2004/09/10 | 04:22:10.110 | 42.392 | 142.954 | 51.8 | 5.0 |
|  |  |  |  |  | 2010/01/14 | 18:46:25.100 | 42.338 | 142.991 | 60.1 | 5.0 |
| 2004283\_2009304 | 0.952 | 38 | 0.0181 | 24 | 2004/10/09 | 08:17:07.370 | -4.885 | 103.100 | 61.9 | 5.0 |
|  |  |  |  |  | 2009/10/31 | 22:50:03.660 | -5.003 | 102.979 | 67.5 | 5.0 |
| 2004283\_2015197 | 0.966 | 32 | 0.0164 | 23 | 2004/10/09 | 22:07:48.750 | 14.629 | 146.898 | 44.7 | 5.3 |
|  |  |  |  |  | 2015/07/16 | 13:02:07.280 | 14.609 | 146.919 | 10.0 | 5.3 |
| 2004283\_2017341 | 0.966 | 27 | 0.0085 | 16 | 2004/10/09 | 08:17:07.370 | -4.885 | 103.100 | 61.9 | 5.0 |
|  |  |  |  |  | 2017/12/07 | 15:16:35.310 | -5.028 | 102.949 | 53.4 | 5.3 |
| 2004315\_2010199 | 0.978 | 32 | 0.0126 | 26 | 2004/11/10 | 14:48:06.920 | 24.076 | 122.344 | 56.8 | 5.1 |
|  |  |  |  |  | 2010/07/18 | 13:03:24.500 | 24.131 | 122.470 | 26.9 | 5.1 |
| 2004361\_2004365 | 0.952 | 154 | 0.0121 | 123 | 2004/12/26 | 03:40:15.640 | 5.532 | 94.334 | 30.0 | 5.6 |
|  |  |  |  |  | 2004/12/30 | 04:27:36.730 | 5.535 | 94.299 | 30.0 | 5.2 |
| 2004361\_2005029 | 0.963 | 143 | 0.0115 | 117 | 2004/12/26 | 03:40:15.640 | 5.532 | 94.334 | 30.0 | 5.6 |
|  |  |  |  |  | 2005/01/29 | 18:20:58.570 | 5.512 | 94.322 | 30.0 | 5.2 |
| 2004361\_2005044 | 0.960 | 188 | 0.0159 | 142 | 2004/12/26 | 04:02:55.730 | 4.983 | 94.720 | 47.9 | 5.8 |
|  |  |  |  |  | 2005/02/13 | 01:22:09.310 | 5.079 | 94.794 | 48.8 | 5.3 |
| 2004361\_2005129 | 0.963 | 125 | 0.0121 | 97 | 2004/12/26 | 03:51:12.360 | 5.049 | 94.771 | 30.0 | 5.7 |
|  |  |  |  |  | 2005/05/09 | 01:30:52.510 | 5.099 | 94.843 | 30.0 | 5.2 |
| 2004361\_2008065 | 0.954 | 53 | 0.0120 | 38 | 2004/12/26 | 03:51:12.360 | 5.049 | 94.771 | 30.0 | 5.7 |
|  |  |  |  |  | 2008/03/05 | 17:04:07.700 | 5.080 | 94.825 | 56.4 | 5.0 |
| 2004361\_2010272 | 0.962 | 45 | 0.0107 | 33 | 2004/12/26 | 03:51:12.360 | 5.049 | 94.771 | 30.0 | 5.7 |
|  |  |  |  |  | 2010/09/29 | 11:33:32.150 | 4.998 | 94.736 | 54.9 | 5.0 |
| 2004362\_2005029 | 0.973 | 95 | 0.0104 | 82 | 2004/12/27 | 06:01:52.240 | 7.940 | 93.483 | 58.2 | 5.0 |
|  |  |  |  |  | 2005/01/29 | 23:14:30.370 | 7.959 | 93.509 | 30.0 | 5.0 |
| 2004362\_2006133 | 0.973 | 158 | 0.0136 | 141 | 2004/12/27 | 00:32:16.480 | 5.476 | 94.467 | 33.0 | 5.8 |
|  |  |  |  |  | 2006/05/13 | 03:11:41.610 | 5.521 | 94.432 | 34.0 | 5.7 |
| 2004364\_2011022 | 0.950 | 42 | 0.0180 | 35 | 2004/12/29 | 10:52:52.000 | 2.799 | 95.566 | 23.2 | 5.4 |
|  |  |  |  |  | 2011/01/22 | 07:34:17.490 | 2.887 | 95.521 | 28.3 | 5.2 |
| 2004365\_2005029 | 0.970 | 144 | 0.0091 | 131 | 2004/12/30 | 04:27:36.730 | 5.535 | 94.299 | 30.0 | 5.2 |
|  |  |  |  |  | 2005/01/29 | 18:20:58.570 | 5.512 | 94.322 | 30.0 | 5.2 |
| 2004365\_2005277 | 0.967 | 61 | 0.0104 | 54 | 2004/12/30 | 04:27:36.730 | 5.535 | 94.299 | 30.0 | 5.2 |
|  |  |  |  |  | 2005/10/04 | 12:23:25.160 | 5.559 | 94.277 | 44.6 | 5.0 |
| 2004366\_2005044 | 0.981 | 189 | 0.0090 | 164 | 2004/12/31 | 14:38:46.620 | 5.113 | 94.857 | 49.4 | 5.4 |
|  |  |  |  |  | 2005/02/13 | 01:22:09.310 | 5.079 | 94.794 | 48.8 | 5.3 |
| 2004366\_2005129 | 0.982 | 149 | 0.0083 | 140 | 2004/12/31 | 10:58:21.470 | 5.030 | 94.834 | 13.0 | 5.2 |
|  |  |  |  |  | 2005/05/09 | 01:30:52.510 | 5.099 | 94.843 | 30.0 | 5.2 |
| 2004366\_2005204 | 0.980 | 163 | 0.0076 | 140 | 2004/12/31 | 14:38:46.620 | 5.113 | 94.857 | 49.4 | 5.4 |
|  |  |  |  |  | 2005/07/23 | 22:53:35.080 | 5.113 | 94.802 | 48.1 | 5.3 |
| 2004366\_2010272 | 0.974 | 52 | 0.0087 | 44 | 2004/12/31 | 10:58:21.470 | 5.030 | 94.834 | 13.0 | 5.2 |
|  |  |  |  |  | 2010/09/29 | 11:33:32.150 | 4.998 | 94.736 | 54.9 | 5.0 |
| 2004366\_2010273 | 0.971 | 69 | 0.0118 | 57 | 2004/12/31 | 14:38:46.620 | 5.113 | 94.857 | 49.4 | 5.4 |
|  |  |  |  |  | 2010/09/30 | 09:54:10.160 | 5.045 | 94.736 | 55.0 | 5.2 |
| 2004366\_2015203 | 0.960 | 61 | 0.0157 | 52 | 2004/12/31 | 14:38:46.620 | 5.113 | 94.857 | 49.4 | 5.4 |
|  |  |  |  |  | 2015/07/22 | 05:35:39.440 | 5.056 | 94.716 | 23.7 | 5.2 |
| 2005002\_2005026 | 0.973 | 108 | 0.0066 | 96 | 2005/01/02 | 19:35:25.910 | 5.348 | 94.343 | 47.5 | 5.1 |
|  |  |  |  |  | 2005/01/26 | 23:43:28.670 | 5.336 | 94.327 | 47.2 | 5.1 |
| 2005005\_2012157 | 0.969 | 74 | 0.0088 | 60 | 2005/01/05 | 14:34:31.320 | 5.588 | 94.759 | 30.0 | 5.3 |
|  |  |  |  |  | 2012/06/05 | 11:01:20.000 | 5.482 | 94.672 | 54.4 | 5.3 |
| 2005007\_2011200 | 0.963 | 23 | 0.0085 | 6 | 2005/01/07 | 05:27:32.990 | -30.936 | -177.646 | 18.0 | 5.3 |
|  |  |  |  |  | 2011/07/19 | 02:20:35.650 | -30.715 | -177.820 | 17.4 | 5.3 |
| 2005029\_2005277 | 0.957 | 59 | 0.0119 | 49 | 2005/01/29 | 18:20:58.570 | 5.512 | 94.322 | 30.0 | 5.2 |
|  |  |  |  |  | 2005/10/04 | 12:23:25.160 | 5.559 | 94.277 | 44.6 | 5.0 |
| 2005031\_2009066 | 0.969 | 138 | 0.0151 | 121 | 2005/01/31 | 09:39:47.570 | 41.834 | 143.643 | 21.9 | 5.4 |
|  |  |  |  |  | 2009/03/07 | 14:33:04.910 | 41.796 | 143.693 | 32.7 | 5.3 |
| 2005037\_2005183 | 0.952 | 163 | 0.0157 | 137 | 2005/02/06 | 04:24:18.630 | 13.855 | 93.580 | 35.6 | 5.4 |
|  |  |  |  |  | 2005/07/02 | 18:12:21.880 | 13.849 | 93.607 | 39.7 | 5.1 |
| 2005037\_2008218 | 0.960 | 82 | 0.0145 | 73 | 2005/02/06 | 04:24:18.630 | 13.855 | 93.580 | 35.6 | 5.4 |
|  |  |  |  |  | 2008/08/05 | 10:08:11.950 | 13.865 | 93.581 | 35.0 | 5.2 |
| 2005037\_2012331 | 0.966 | 74 | 0.0091 | 67 | 2005/02/06 | 04:24:18.630 | 13.855 | 93.580 | 35.6 | 5.4 |
|  |  |  |  |  | 2012/11/26 | 23:13:52.470 | 13.850 | 93.637 | 53.7 | 5.1 |
| 2005037\_2015163 | 0.959 | 36 | 0.0153 | 32 | 2005/02/06 | 04:24:18.630 | 13.855 | 93.580 | 35.6 | 5.4 |
|  |  |  |  |  | 2015/06/12 | 18:29:30.290 | 14.012 | 93.578 | 48.6 | 5.2 |
| 2005044\_2005204 | 0.979 | 195 | 0.0091 | 167 | 2005/02/13 | 01:22:09.310 | 5.079 | 94.794 | 48.8 | 5.3 |
|  |  |  |  |  | 2005/07/23 | 22:53:35.080 | 5.113 | 94.802 | 48.1 | 5.3 |
| 2005044\_2006259 | 0.973 | 129 | 0.0103 | 112 | 2005/02/13 | 01:22:09.310 | 5.079 | 94.794 | 48.8 | 5.3 |
|  |  |  |  |  | 2006/09/16 | 06:17:46.880 | 5.124 | 94.779 | 49.0 | 5.2 |
| 2005044\_2010273 | 0.971 | 100 | 0.0115 | 83 | 2005/02/13 | 01:22:09.310 | 5.079 | 94.794 | 48.8 | 5.3 |
|  |  |  |  |  | 2010/09/30 | 09:54:10.160 | 5.045 | 94.736 | 55.0 | 5.2 |
| 2005044\_2015203 | 0.964 | 90 | 0.0150 | 75 | 2005/02/13 | 01:22:09.310 | 5.079 | 94.794 | 48.8 | 5.3 |
|  |  |  |  |  | 2015/07/22 | 05:35:39.440 | 5.056 | 94.716 | 23.7 | 5.2 |
| 2005069\_2009186 | 0.959 | 78 | 0.0177 | 54 | 2005/03/10 | 13:37:48.780 | 12.932 | -88.419 | 68.5 | 5.1 |
|  |  |  |  |  | 2009/07/05 | 10:35:50.900 | 12.850 | -88.497 | 62.1 | 5.0 |
| 2005071\_2006225 | 0.960 | 84 | 0.0112 | 63 | 2005/03/12 | 22:33:14.410 | 5.478 | 94.693 | 59.5 | 5.1 |
|  |  |  |  |  | 2006/08/13 | 08:41:46.440 | 5.519 | 94.663 | 30.0 | 5.1 |
| 2005071\_2007175 | 0.960 | 77 | 0.0095 | 66 | 2005/03/12 | 22:33:14.410 | 5.478 | 94.693 | 59.5 | 5.1 |
|  |  |  |  |  | 2007/06/24 | 13:47:36.580 | 5.423 | 94.585 | 30.0 | 5.0 |
| 2005071\_2008129 | 0.964 | 72 | 0.0083 | 61 | 2005/03/12 | 22:33:14.410 | 5.478 | 94.693 | 59.5 | 5.1 |
|  |  |  |  |  | 2008/05/08 | 11:31:23.880 | 5.507 | 94.703 | 35.0 | 5.0 |
| 2005071\_2009240 | 0.956 | 64 | 0.0070 | 49 | 2005/03/12 | 22:33:14.410 | 5.478 | 94.693 | 59.5 | 5.1 |
|  |  |  |  |  | 2009/08/28 | 16:45:18.250 | 5.475 | 94.659 | 55.3 | 5.0 |
| 2005071\_2010352 | 0.970 | 58 | 0.0089 | 53 | 2005/03/12 | 22:33:14.410 | 5.478 | 94.693 | 59.5 | 5.1 |
|  |  |  |  |  | 2010/12/18 | 22:56:43.080 | 5.420 | 94.667 | 55.2 | 5.0 |
| 2005071\_2014216 | 0.950 | 53 | 0.0140 | 39 | 2005/03/12 | 22:33:14.410 | 5.478 | 94.693 | 59.5 | 5.1 |
|  |  |  |  |  | 2014/08/04 | 10:36:09.830 | 5.399 | 94.653 | 57.0 | 5.3 |
| 2005071\_2016353 | 0.961 | 57 | 0.0074 | 46 | 2005/03/12 | 22:33:14.410 | 5.478 | 94.693 | 59.5 | 5.1 |
|  |  |  |  |  | 2016/12/18 | 19:24:43.690 | 5.411 | 94.611 | 50.7 | 5.3 |
| 2005083\_2016075 | 0.974 | 24 | 0.0052 | 6 | 2005/03/24 | 06:08:38.490 | -55.985 | -27.078 | 69.9 | 5.0 |
|  |  |  |  |  | 2016/03/15 | 13:35:17.740 | -56.015 | -27.058 | 41.0 | 5.2 |
| 2005087\_2006102 | 0.968 | 42 | 0.0185 | 38 | 2005/03/28 | 20:35:17.420 | 1.751 | 97.132 | 27.3 | 5.1 |
|  |  |  |  |  | 2006/04/12 | 14:39:04.120 | 1.654 | 97.070 | 37.8 | 5.0 |
| 2005088\_2010304 | 0.958 | 57 | 0.0198 | 37 | 2005/03/29 | 16:38:20.100 | -33.711 | -72.277 | 34.0 | 5.3 |
|  |  |  |  |  | 2010/10/31 | 07:10:40.570 | -33.661 | -71.860 | 29.0 | 5.3 |
| 2005116\_2005225 | 0.976 | 110 | 0.0111 | 98 | 2005/04/26 | 17:18:23.560 | 1.357 | 97.173 | 22.4 | 5.2 |
|  |  |  |  |  | 2005/08/13 | 18:27:23.440 | 1.367 | 97.207 | 30.0 | 5.0 |
| 2005116\_2011051 | 0.961 | 68 | 0.0099 | 56 | 2005/04/26 | 17:18:23.560 | 1.357 | 97.173 | 22.4 | 5.2 |
|  |  |  |  |  | 2011/02/20 | 14:32:24.870 | 1.360 | 97.198 | 40.4 | 5.3 |
| 2005120\_2012235 | 0.963 | 75 | 0.0146 | 69 | 2005/04/30 | 08:28:37.570 | -19.990 | -173.680 | 10.0 | 5.0 |
|  |  |  |  |  | 2012/08/22 | 10:13:57.470 | -20.038 | -173.661 | 35.0 | 5.1 |
| 2005120\_2016353 | 0.956 | 67 | 0.0143 | 52 | 2005/04/30 | 08:28:37.570 | -19.990 | -173.680 | 10.0 | 5.0 |
|  |  |  |  |  | 2016/12/18 | 19:17:40.650 | -19.937 | -173.164 | 10.0 | 5.4 |
| 2005129\_2005244 | 0.954 | 96 | 0.0122 | 77 | 2005/05/09 | 01:30:52.510 | 5.099 | 94.843 | 30.0 | 5.2 |
|  |  |  |  |  | 2005/09/01 | 16:42:39.550 | 5.074 | 94.795 | 30.0 | 5.1 |
| 2005129\_2006343 | 0.968 | 72 | 0.0088 | 58 | 2005/05/09 | 01:30:52.510 | 5.099 | 94.843 | 30.0 | 5.2 |
|  |  |  |  |  | 2006/12/09 | 09:24:46.750 | 5.080 | 94.752 | 30.0 | 5.1 |
| 2005129\_2010272 | 0.979 | 57 | 0.0119 | 45 | 2005/05/09 | 01:30:52.510 | 5.099 | 94.843 | 30.0 | 5.2 |
|  |  |  |  |  | 2010/09/29 | 11:33:32.150 | 4.998 | 94.736 | 54.9 | 5.0 |
| 2005129\_2012232 | 0.959 | 59 | 0.0107 | 48 | 2005/05/09 | 01:30:52.510 | 5.099 | 94.843 | 30.0 | 5.2 |
|  |  |  |  |  | 2012/08/19 | 01:57:03.640 | 5.063 | 94.753 | 40.6 | 5.2 |
| 2005129\_2015189 | 0.967 | 41 | 0.0096 | 33 | 2005/05/09 | 01:30:52.510 | 5.099 | 94.843 | 30.0 | 5.2 |
|  |  |  |  |  | 2015/07/08 | 00:38:56.010 | 4.995 | 94.735 | 34.3 | 5.3 |
| 2005171\_2013307 | 0.975 | 51 | 0.0119 | 41 | 2005/06/20 | 07:16:16.770 | 26.081 | 128.448 | 28.2 | 5.3 |
|  |  |  |  |  | 2013/11/03 | 12:16:56.220 | 26.091 | 128.417 | 19.2 | 5.4 |
| 2005183\_2008218 | 0.961 | 64 | 0.0094 | 55 | 2005/07/02 | 18:12:21.880 | 13.849 | 93.607 | 39.7 | 5.1 |
|  |  |  |  |  | 2008/08/05 | 10:08:11.950 | 13.865 | 93.581 | 35.0 | 5.2 |
| 2005183\_2015163 | 0.955 | 33 | 0.0187 | 28 | 2005/07/02 | 18:12:21.880 | 13.849 | 93.607 | 39.7 | 5.1 |
|  |  |  |  |  | 2015/06/12 | 18:29:30.290 | 14.012 | 93.578 | 48.6 | 5.2 |
| 2005204\_2006259 | 0.976 | 125 | 0.0093 | 110 | 2005/07/23 | 22:53:35.080 | 5.113 | 94.802 | 48.1 | 5.3 |
|  |  |  |  |  | 2006/09/16 | 06:17:46.880 | 5.124 | 94.779 | 49.0 | 5.2 |
| 2005204\_2010273 | 0.972 | 90 | 0.0108 | 70 | 2005/07/23 | 22:53:35.080 | 5.113 | 94.802 | 48.1 | 5.3 |
|  |  |  |  |  | 2010/09/30 | 09:54:10.160 | 5.045 | 94.736 | 55.0 | 5.2 |
| 2005204\_2015203 | 0.968 | 79 | 0.0144 | 66 | 2005/07/23 | 22:53:35.080 | 5.113 | 94.802 | 48.1 | 5.3 |
|  |  |  |  |  | 2015/07/22 | 05:35:39.440 | 5.056 | 94.716 | 23.7 | 5.2 |
| 2005225\_2011051 | 0.970 | 52 | 0.0057 | 37 | 2005/08/13 | 18:27:23.440 | 1.367 | 97.207 | 30.0 | 5.0 |
|  |  |  |  |  | 2011/02/20 | 14:32:24.870 | 1.360 | 97.198 | 40.4 | 5.3 |
| 2005244\_2006075 | 0.965 | 95 | 0.0134 | 72 | 2005/09/01 | 16:42:39.550 | 5.074 | 94.795 | 30.0 | 5.1 |
|  |  |  |  |  | 2006/03/16 | 15:12:16.410 | 5.072 | 94.778 | 50.2 | 5.0 |
| 2005244\_2006343 | 0.963 | 72 | 0.0131 | 52 | 2005/09/01 | 16:42:39.550 | 5.074 | 94.795 | 30.0 | 5.1 |
|  |  |  |  |  | 2006/12/09 | 09:24:46.750 | 5.080 | 94.752 | 30.0 | 5.1 |
| 2005244\_2010272 | 0.954 | 54 | 0.0115 | 39 | 2005/09/01 | 16:42:39.550 | 5.074 | 94.795 | 30.0 | 5.1 |
|  |  |  |  |  | 2010/09/29 | 11:33:32.150 | 4.998 | 94.736 | 54.9 | 5.0 |
| 2005244\_2015189 | 0.970 | 41 | 0.0075 | 33 | 2005/09/01 | 16:42:39.550 | 5.074 | 94.795 | 30.0 | 5.1 |
|  |  |  |  |  | 2015/07/08 | 00:38:56.010 | 4.995 | 94.735 | 34.3 | 5.3 |
| 2005254\_2014357 | 0.957 | 20 | 0.0133 | 16 | 2005/09/11 | 03:35:44.560 | -6.638 | 155.104 | 29.0 | 5.0 |
|  |  |  |  |  | 2014/12/23 | 21:19:51.430 | -6.731 | 155.090 | 35.0 | 5.1 |
| 2005282\_2011324 | 0.951 | 20 | 0.0142 | 12 | 2005/10/09 | 13:39:59.720 | -23.113 | -175.415 | 38.1 | 5.3 |
|  |  |  |  |  | 2011/11/20 | 14:09:32.760 | -23.053 | -175.383 | 35.0 | 5.4 |
| 2005285\_2010070 | 0.957 | 25 | 0.0132 | 17 | 2005/10/12 | 23:10:10.800 | -23.684 | -175.928 | 42.8 | 5.0 |
|  |  |  |  |  | 2010/03/11 | 23:20:15.890 | -23.709 | -175.802 | 14.7 | 5.3 |
| 2005289\_2016199 | 0.952 | 88 | 0.0146 | 62 | 2005/10/16 | 07:05:41.610 | 36.014 | 139.773 | 40.3 | 5.0 |
|  |  |  |  |  | 2016/07/17 | 04:24:01.860 | 36.005 | 139.923 | 40.2 | 5.0 |
| 2005316\_2009206 | 0.978 | 53 | 0.0114 | 39 | 2005/11/12 | 18:54:13.840 | 1.863 | 97.036 | 30.0 | 5.2 |
|  |  |  |  |  | 2009/07/25 | 18:41:58.040 | 1.869 | 97.020 | 39.2 | 5.2 |
| 2006001\_2008134 | 0.971 | 91 | 0.0104 | 73 | 2006/01/01 | 08:47:13.350 | 4.735 | 95.144 | 51.5 | 5.5 |
|  |  |  |  |  | 2008/05/13 | 10:29:19.340 | 4.676 | 95.089 | 35.0 | 5.4 |
| 2006013\_2008132 | 0.950 | 30 | 0.0213 | 20 | 2006/01/13 | 09:17:56.910 | -17.757 | -173.216 | 10.0 | 5.4 |
|  |  |  |  |  | 2008/05/11 | 05:49:22.450 | -17.740 | -173.283 | 38.8 | 5.4 |
| 2006038\_2017030 | 0.958 | 20 | 0.0116 | 13 | 2006/02/07 | 09:10:27.580 | -11.838 | 166.420 | 57.3 | 5.1 |
|  |  |  |  |  | 2017/01/30 | 14:04:10.400 | -11.804 | 166.459 | 58.0 | 5.1 |
| 2006057\_2008005 | 0.952 | 67 | 0.0177 | 55 | 2006/02/26 | 21:32:49.260 | 5.609 | 94.688 | 30.0 | 5.2 |
|  |  |  |  |  | 2008/01/05 | 20:01:55.080 | 5.477 | 94.685 | 57.3 | 5.3 |
| 2006075\_2008065 | 0.958 | 58 | 0.0139 | 45 | 2006/03/16 | 15:12:16.410 | 5.072 | 94.778 | 50.2 | 5.0 |
|  |  |  |  |  | 2008/03/05 | 17:04:07.700 | 5.080 | 94.825 | 56.4 | 5.0 |
| 2006075\_2012315 | 0.977 | 59 | 0.0076 | 29 | 2006/03/16 | 05:43:09.700 | -7.366 | 106.720 | 20.3 | 5.0 |
|  |  |  |  |  | 2012/11/10 | 06:05:27.190 | -7.373 | 106.666 | 49.5 | 5.1 |
| 2006075\_2015189 | 0.968 | 41 | 0.0082 | 33 | 2006/03/16 | 15:12:16.410 | 5.072 | 94.778 | 50.2 | 5.0 |
|  |  |  |  |  | 2015/07/08 | 00:38:56.010 | 4.995 | 94.735 | 34.3 | 5.3 |
| 2006109\_2013170 | 0.954 | 30 | 0.0185 | 14 | 2006/04/19 | 15:30:05.820 | -20.957 | -174.486 | 10.0 | 5.1 |
|  |  |  |  |  | 2013/06/19 | 09:39:33.960 | -21.022 | -174.438 | 41.5 | 5.1 |
| 2006109\_2017186 | 0.964 | 31 | 0.0128 | 14 | 2006/04/19 | 15:30:05.820 | -20.957 | -174.486 | 10.0 | 5.1 |
|  |  |  |  |  | 2017/07/05 | 23:29:45.290 | -20.881 | -174.382 | 35.0 | 5.1 |
| 2006130\_2007106 | 0.953 | 60 | 0.0234 | 22 | 2006/05/10 | 02:16:30.000 | -21.318 | -174.604 | 37.1 | 5.3 |
|  |  |  |  |  | 2007/04/16 | 15:50:07.390 | -21.315 | -174.511 | 10.0 | 5.2 |
| 2006137\_2010204 | 0.966 | 33 | 0.0154 | 21 | 2006/05/17 | 03:48:19.650 | -4.457 | 102.736 | 38.8 | 5.0 |
|  |  |  |  |  | 2010/07/23 | 14:34:13.250 | -4.533 | 102.451 | 35.0 | 5.1 |
| 2006153\_2012270 | 0.962 | 86 | 0.0185 | 71 | 2006/06/02 | 03:26:41.830 | -21.241 | -174.326 | 37.0 | 5.1 |
|  |  |  |  |  | 2012/09/26 | 01:41:39.060 | -21.205 | -174.328 | 10.0 | 5.1 |
| 2006198\_2014256 | 0.962 | 80 | 0.0143 | 57 | 2006/07/17 | 22:31:49.110 | -17.669 | -173.257 | 35.0 | 5.3 |
|  |  |  |  |  | 2014/09/13 | 18:22:14.020 | -17.712 | -173.126 | 11.0 | 5.4 |
| 2006203\_2015132 | 0.955 | 25 | 0.0151 | 11 | 2006/07/22 | 03:05:11.200 | -9.687 | 108.821 | 10.0 | 5.2 |
|  |  |  |  |  | 2015/05/12 | 06:27:03.550 | -10.022 | 108.732 | 10.0 | 5.1 |
| 2006213\_2014096 | 0.953 | 34 | 0.0244 | 23 | 2006/08/01 | 10:19:40.920 | -19.180 | -173.568 | 31.9 | 5.2 |
|  |  |  |  |  | 2014/04/06 | 08:13:58.170 | -19.162 | -173.529 | 10.0 | 5.2 |
| 2006214\_2013119 | 0.967 | 57 | 0.0118 | 46 | 2006/08/02 | 18:13:59.420 | 3.966 | 95.967 | 45.7 | 5.0 |
|  |  |  |  |  | 2013/04/29 | 13:42:59.670 | 3.886 | 95.918 | 61.1 | 5.0 |
| 2006214\_2015128 | 0.974 | 54 | 0.0096 | 41 | 2006/08/02 | 23:44:24.160 | -5.463 | 152.479 | 37.8 | 5.0 |
|  |  |  |  |  | 2015/05/08 | 09:07:05.120 | -5.488 | 152.628 | 40.4 | 5.1 |
| 2006225\_2007175 | 0.952 | 93 | 0.0117 | 78 | 2006/08/13 | 08:41:46.440 | 5.519 | 94.663 | 30.0 | 5.1 |
|  |  |  |  |  | 2007/06/24 | 13:47:36.580 | 5.423 | 94.585 | 30.0 | 5.0 |
| 2006225\_2008129 | 0.962 | 58 | 0.0121 | 45 | 2006/08/13 | 08:41:46.440 | 5.519 | 94.663 | 30.0 | 5.1 |
|  |  |  |  |  | 2008/05/08 | 11:31:23.880 | 5.507 | 94.703 | 35.0 | 5.0 |
| 2006225\_2009240 | 0.963 | 59 | 0.0071 | 43 | 2006/08/13 | 08:41:46.440 | 5.519 | 94.663 | 30.0 | 5.1 |
|  |  |  |  |  | 2009/08/28 | 16:45:18.250 | 5.475 | 94.659 | 55.3 | 5.0 |
| 2006225\_2010352 | 0.975 | 41 | 0.0089 | 35 | 2006/08/13 | 08:41:46.440 | 5.519 | 94.663 | 30.0 | 5.1 |
|  |  |  |  |  | 2010/12/18 | 22:56:43.080 | 5.420 | 94.667 | 55.2 | 5.0 |
| 2006225\_2014216 | 0.950 | 63 | 0.0125 | 44 | 2006/08/13 | 08:41:46.440 | 5.519 | 94.663 | 30.0 | 5.1 |
|  |  |  |  |  | 2014/08/04 | 10:36:09.830 | 5.399 | 94.653 | 57.0 | 5.3 |
| 2006225\_2016353 | 0.959 | 39 | 0.0056 | 24 | 2006/08/13 | 08:41:46.440 | 5.519 | 94.663 | 30.0 | 5.1 |
|  |  |  |  |  | 2016/12/18 | 19:24:43.690 | 5.411 | 94.611 | 50.7 | 5.3 |
| 2006247\_2008006 | 0.973 | 55 | 0.0111 | 32 | 2006/09/04 | 01:03:49.750 | -9.264 | 107.544 | 10.0 | 5.1 |
|  |  |  |  |  | 2008/01/06 | 08:54:59.200 | -9.291 | 107.487 | 29.8 | 5.1 |
| 2006259\_2010273 | 0.977 | 123 | 0.0086 | 97 | 2006/09/16 | 06:17:46.880 | 5.124 | 94.779 | 49.0 | 5.2 |
|  |  |  |  |  | 2010/09/30 | 09:54:10.160 | 5.045 | 94.736 | 55.0 | 5.2 |
| 2006301\_2012349 | 0.959 | 81 | 0.0096 | 50 | 2006/10/28 | 03:08:19.940 | 13.788 | -91.643 | 37.1 | 5.0 |
|  |  |  |  |  | 2012/12/14 | 04:58:48.460 | 13.824 | -91.725 | 35.8 | 5.1 |
| 2006312\_2008231 | 0.968 | 69 | 0.0136 | 48 | 2006/11/08 | 08:22:31.480 | 47.190 | 154.014 | 36.8 | 5.1 |
|  |  |  |  |  | 2008/08/18 | 01:46:32.490 | 47.264 | 153.930 | 35.0 | 5.1 |
| 2006321\_2010028 | 0.972 | 30 | 0.0094 | 14 | 2006/11/17 | 00:57:58.970 | -9.778 | 108.905 | 10.0 | 5.0 |
|  |  |  |  |  | 2010/01/28 | 04:01:18.210 | -9.832 | 108.788 | 16.1 | 5.0 |
| 2006321\_2015132 | 0.971 | 39 | 0.0051 | 16 | 2006/11/17 | 00:57:58.970 | -9.778 | 108.905 | 10.0 | 5.0 |
|  |  |  |  |  | 2015/05/12 | 06:27:03.550 | -10.022 | 108.732 | 10.0 | 5.1 |
| 2006322\_2011185 | 0.954 | 35 | 0.0120 | 30 | 2006/11/18 | 21:45:11.170 | -23.497 | -175.545 | 42.0 | 5.0 |
|  |  |  |  |  | 2011/07/04 | 21:42:18.080 | -23.521 | -175.548 | 56.5 | 5.1 |
| 2006325\_2013039 | 0.968 | 197 | 0.0156 | 140 | 2006/11/21 | 08:32:25.710 | -6.216 | 154.748 | 31.7 | 5.6 |
|  |  |  |  |  | 2013/02/08 | 17:59:53.820 | -6.315 | 154.737 | 93.0 | 5.7 |
| 2006343\_2010272 | 0.971 | 84 | 0.0081 | 68 | 2006/12/09 | 09:24:46.750 | 5.080 | 94.752 | 30.0 | 5.1 |
|  |  |  |  |  | 2010/09/29 | 11:33:32.150 | 4.998 | 94.736 | 54.9 | 5.0 |
| 2006343\_2012232 | 0.962 | 83 | 0.0083 | 66 | 2006/12/09 | 09:24:46.750 | 5.080 | 94.752 | 30.0 | 5.1 |
|  |  |  |  |  | 2012/08/19 | 01:57:03.640 | 5.063 | 94.753 | 40.6 | 5.2 |
| 2006343\_2015189 | 0.970 | 62 | 0.0085 | 55 | 2006/12/09 | 09:24:46.750 | 5.080 | 94.752 | 30.0 | 5.1 |
|  |  |  |  |  | 2015/07/08 | 00:38:56.010 | 4.995 | 94.735 | 34.3 | 5.3 |
| 2006347\_2008063 | 0.970 | 166 | 0.0144 | 76 | 2006/12/13 | 01:57:43.100 | 46.166 | 152.966 | 10.0 | 5.0 |
|  |  |  |  |  | 2008/03/03 | 11:22:35.660 | 46.257 | 152.931 | 10.0 | 5.3 |
| 2007063\_2012317 | 0.965 | 54 | 0.0144 | 29 | 2007/03/04 | 23:49:26.200 | -17.566 | -173.346 | 35.0 | 5.1 |
|  |  |  |  |  | 2012/11/12 | 14:58:09.650 | -17.631 | -173.090 | 10.0 | 5.1 |
| 2007087\_2016287 | 0.962 | 71 | 0.0197 | 39 | 2007/03/28 | 14:28:54.710 | 25.497 | -109.633 | 10.0 | 5.3 |
|  |  |  |  |  | 2016/10/13 | 03:55:12.520 | 25.476 | -109.735 | 24.0 | 5.3 |
| 2007110\_2011125 | 0.965 | 90 | 0.0146 | 62 | 2007/04/20 | 13:21:00.970 | -0.140 | 124.416 | 20.9 | 5.1 |
|  |  |  |  |  | 2011/05/05 | 08:45:29.000 | -0.199 | 124.483 | 73.0 | 5.0 |
| 2007110\_2016206 | 0.957 | 44 | 0.0179 | 33 | 2007/04/20 | 00:39:18.990 | -7.182 | 155.162 | 10.0 | 5.0 |
|  |  |  |  |  | 2016/07/24 | 22:09:59.800 | -7.192 | 155.140 | 56.3 | 5.2 |
| 2007110\_2016270 | 0.983 | 237 | 0.0106 | 212 | 2007/04/20 | 19:37:58.230 | 27.471 | 128.379 | 42.4 | 5.7 |
|  |  |  |  |  | 2016/09/26 | 05:19:58.220 | 27.465 | 128.578 | 38.0 | 5.7 |
| 2007115\_2010025 | 0.964 | 63 | 0.0091 | 38 | 2007/04/25 | 10:06:49.460 | 46.634 | 152.586 | 10.0 | 5.0 |
|  |  |  |  |  | 2010/01/25 | 00:07:52.570 | 46.701 | 152.547 | 48.2 | 5.0 |
| 2007172\_2011231 | 0.960 | 119 | 0.0145 | 88 | 2007/06/21 | 04:39:16.360 | 46.483 | 153.316 | 10.0 | 5.3 |
|  |  |  |  |  | 2011/08/19 | 11:39:47.170 | 46.524 | 153.276 | 34.9 | 5.2 |
| 2007174\_2014053 | 0.959 | 51 | 0.0132 | 41 | 2007/06/23 | 16:47:30.720 | 1.192 | 97.328 | 51.2 | 5.0 |
|  |  |  |  |  | 2014/02/22 | 17:27:59.300 | 1.077 | 97.236 | 28.0 | 5.1 |
| 2007175\_2008129 | 0.971 | 142 | 0.0073 | 120 | 2007/06/24 | 13:47:36.580 | 5.423 | 94.585 | 30.0 | 5.0 |
|  |  |  |  |  | 2008/05/08 | 11:31:23.880 | 5.507 | 94.703 | 35.0 | 5.0 |
| 2007175\_2009240 | 0.960 | 68 | 0.0071 | 51 | 2007/06/24 | 13:47:36.580 | 5.423 | 94.585 | 30.0 | 5.0 |
|  |  |  |  |  | 2009/08/28 | 16:45:18.250 | 5.475 | 94.659 | 55.3 | 5.0 |
| 2007175\_2010352 | 0.983 | 83 | 0.0063 | 76 | 2007/06/24 | 13:47:36.580 | 5.423 | 94.585 | 30.0 | 5.0 |
|  |  |  |  |  | 2010/12/18 | 22:56:43.080 | 5.420 | 94.667 | 55.2 | 5.0 |
| 2007175\_2016353 | 0.961 | 77 | 0.0086 | 66 | 2007/06/24 | 13:47:36.580 | 5.423 | 94.585 | 30.0 | 5.0 |
|  |  |  |  |  | 2016/12/18 | 19:24:43.690 | 5.411 | 94.611 | 50.7 | 5.3 |
| 2007199\_2012211 | 0.957 | 98 | 0.0077 | 57 | 2007/07/18 | 19:37:31.460 | -5.954 | 104.537 | 30.0 | 5.1 |
|  |  |  |  |  | 2012/07/29 | 14:21:18.430 | -5.997 | 104.418 | 66.4 | 5.2 |
| 2007220\_2013064 | 0.964 | 137 | 0.0102 | 101 | 2007/08/08 | 15:19:42.560 | 27.385 | 128.346 | 47.0 | 5.2 |
|  |  |  |  |  | 2013/03/05 | 20:32:45.540 | 27.386 | 128.304 | 51.1 | 5.3 |
| 2007234\_2014102 | 0.969 | 52 | 0.0120 | 39 | 2007/08/22 | 09:34:50.740 | -7.042 | 154.789 | 49.5 | 5.0 |
|  |  |  |  |  | 2014/04/12 | 10:55:41.640 | -6.973 | 154.803 | 14.1 | 5.0 |
| 2007234\_2014116 | 0.973 | 42 | 0.0112 | 36 | 2007/08/22 | 09:34:50.740 | -7.042 | 154.789 | 49.5 | 5.0 |
|  |  |  |  |  | 2014/04/26 | 16:03:50.510 | -7.001 | 154.813 | 35.6 | 5.0 |
| 2007255\_2007335 | 0.960 | 173 | 0.0104 | 138 | 2007/09/12 | 22:02:26.660 | -4.429 | 101.402 | 28.4 | 5.1 |
|  |  |  |  |  | 2007/12/01 | 21:21:19.110 | -4.454 | 101.365 | 27.4 | 5.1 |
| 2007256\_2008206 | 0.960 | 56 | 0.0068 | 36 | 2007/09/13 | 10:47:52.880 | -3.432 | 101.659 | 35.0 | 5.1 |
|  |  |  |  |  | 2008/07/24 | 13:21:50.540 | -3.448 | 101.658 | 75.3 | 5.1 |
| 2007256\_2008300 | 0.956 | 69 | 0.0102 | 58 | 2007/09/13 | 05:44:18.970 | -3.723 | 100.688 | 28.9 | 5.0 |
|  |  |  |  |  | 2008/10/26 | 10:27:37.490 | -3.631 | 100.750 | 35.5 | 5.1 |
| 2007257\_2008091 | 0.966 | 112 | 0.0077 | 91 | 2007/09/14 | 03:07:14.700 | -2.919 | 101.145 | 40.0 | 5.1 |
|  |  |  |  |  | 2008/03/31 | 13:30:56.860 | -2.859 | 101.177 | 50.4 | 5.1 |
| 2007257\_2009317 | 0.967 | 4 | 0.0072 | 3 | 2007/09/14 | 23:44:35.210 | -11.982 | 165.871 | 35.0 | 5.0 |
|  |  |  |  |  | 2009/11/13 | 12:40:54.890 | -12.033 | 166.109 | 35.0 | 5.0 |
| 2007263\_2007358a | 0.959 | 199 | 0.0140 | 161 | 2007/09/20 | 00:50:19.390 | -4.303 | 101.229 | 27.1 | 5.0 |
|  |  |  |  |  | 2007/12/24 | 20:56:20.200 | -4.328 | 101.294 | 25.7 | 5.2 |
| 2007263\_2011062 | 0.962 | 99 | 0.0201 | 75 | 2007/09/20 | 00:50:19.390 | -4.303 | 101.229 | 27.1 | 5.0 |
|  |  |  |  |  | 2011/03/03 | 04:30:15.770 | -4.424 | 101.123 | 19.5 | 5.1 |
| 2007265\_2014260 | 0.957 | 134 | 0.0157 | 92 | 2007/09/22 | 08:00:18.940 | 24.855 | 125.267 | 54.4 | 5.1 |
|  |  |  |  |  | 2014/09/17 | 23:18:55.450 | 24.841 | 125.351 | 42.8 | 5.4 |
| 2007278\_2012088 | 0.973 | 82 | 0.0099 | 58 | 2007/10/05 | 09:22:36.420 | -4.376 | 101.337 | 35.0 | 5.1 |
|  |  |  |  |  | 2012/03/28 | 08:54:16.230 | -4.403 | 101.235 | 15.7 | 5.2 |
| 2007326\_2012085 | 0.955 | 22 | 0.0125 | 9 | 2007/11/22 | 20:30:20.210 | -19.161 | 168.750 | 40.1 | 5.1 |
|  |  |  |  |  | 2012/03/25 | 20:45:45.700 | -19.108 | 168.750 | 40.4 | 5.0 |
| 2007326\_2013010 | 0.969 | 161 | 0.0133 | 148 | 2007/11/22 | 23:02:12.960 | 4.743 | 95.060 | 49.3 | 5.8 |
|  |  |  |  |  | 2013/01/10 | 13:47:03.780 | 4.720 | 95.095 | 38.0 | 5.7 |
| 2007330\_2014168 | 0.979 | 54 | 0.0088 | 46 | 2007/11/26 | 15:03:42.100 | 1.091 | 97.103 | 35.0 | 5.0 |
|  |  |  |  |  | 2014/06/17 | 16:04:43.050 | 1.177 | 97.066 | 36.2 | 5.0 |
| 2007331\_2013162 | 0.970 | 61 | 0.0072 | 49 | 2007/11/27 | 15:46:10.850 | -1.630 | 100.437 | 35.0 | 5.3 |
|  |  |  |  |  | 2013/06/11 | 02:30:36.360 | -1.780 | 100.281 | 35.4 | 5.0 |
| 2007341\_2012108 | 0.974 | 55 | 0.0053 | 43 | 2007/12/07 | 08:09:24.810 | 5.457 | 94.666 | 72.8 | 5.0 |
|  |  |  |  |  | 2012/04/17 | 03:24:26.410 | 5.373 | 94.621 | 60.0 | 5.1 |
| 2007358\_2011062a | 0.971 | 103 | 0.0145 | 80 | 2007/12/24 | 20:56:20.200 | -4.328 | 101.294 | 25.7 | 5.2 |
|  |  |  |  |  | 2011/03/03 | 04:30:15.770 | -4.424 | 101.123 | 19.5 | 5.1 |
| 2008005\_2012157 | 0.973 | 117 | 0.0073 | 95 | 2008/01/05 | 20:01:55.080 | 5.477 | 94.685 | 57.3 | 5.3 |
|  |  |  |  |  | 2012/06/05 | 11:01:20.000 | 5.482 | 94.672 | 54.4 | 5.3 |
| 2008006\_2013234 | 0.969 | 73 | 0.0099 | 50 | 2008/01/06 | 10:06:32.780 | -4.867 | 103.096 | 35.0 | 5.1 |
|  |  |  |  |  | 2013/08/22 | 22:37:50.900 | -4.733 | 103.045 | 69.0 | 5.1 |
| 2008019\_2011238 | 0.964 | 155 | 0.0209 | 78 | 2008/01/19 | 19:24:59.830 | 36.428 | 70.767 | 204.8 | 5.2 |
|  |  |  |  |  | 2011/08/26 | 20:32:40.930 | 36.445 | 70.727 | 202.4 | 5.3 |
| 2008053\_2013170 | 0.963 | 31 | 0.0147 | 21 | 2008/02/22 | 15:26:51.360 | -20.993 | -174.527 | 35.0 | 5.1 |
|  |  |  |  |  | 2013/06/19 | 09:39:33.960 | -21.022 | -174.438 | 41.5 | 5.1 |
| 2008053\_2017186 | 0.970 | 44 | 0.0105 | 27 | 2008/02/22 | 15:26:51.360 | -20.993 | -174.527 | 35.0 | 5.1 |
|  |  |  |  |  | 2017/07/05 | 23:29:45.290 | -20.881 | -174.382 | 35.0 | 5.1 |
| 2008059\_2012306 | 0.955 | 176 | 0.0135 | 142 | 2008/02/28 | 11:55:06.130 | 49.370 | 155.543 | 60.1 | 5.1 |
|  |  |  |  |  | 2012/11/01 | 06:57:23.500 | 49.399 | 155.489 | 59.5 | 5.2 |
| 2008065\_2010272 | 0.979 | 80 | 0.0078 | 68 | 2008/03/05 | 17:04:07.700 | 5.080 | 94.825 | 56.4 | 5.0 |
|  |  |  |  |  | 2010/09/29 | 11:33:32.150 | 4.998 | 94.736 | 54.9 | 5.0 |
| 2008065\_2012232 | 0.971 | 82 | 0.0070 | 67 | 2008/03/05 | 17:04:07.700 | 5.080 | 94.825 | 56.4 | 5.0 |
|  |  |  |  |  | 2012/08/19 | 01:57:03.640 | 5.063 | 94.753 | 40.6 | 5.2 |
| 2008067\_2016209 | 0.971 | 181 | 0.0119 | 162 | 2008/03/07 | 16:54:57.170 | 36.453 | 140.612 | 57.0 | 5.2 |
|  |  |  |  |  | 2016/07/27 | 14:47:17.010 | 36.492 | 140.758 | 46.0 | 5.3 |
| 2008074\_2012064 | 0.953 | 20 | 0.0146 | 14 | 2008/03/14 | 15:48:33.540 | -22.281 | -174.720 | 35.0 | 5.0 |
|  |  |  |  |  | 2012/03/04 | 16:05:14.110 | -22.309 | -174.798 | 7.8 | 5.1 |
| 2008076\_2010031 | 0.985 | 90 | 0.0062 | 77 | 2008/03/16 | 23:05:25.580 | -2.897 | 101.095 | 35.0 | 5.2 |
|  |  |  |  |  | 2010/01/31 | 07:02:46.270 | -2.878 | 100.906 | 50.7 | 5.0 |
| 2008097\_2008153 | 0.968 | 57 | 0.0161 | 33 | 2008/04/06 | 18:48:15.190 | -20.081 | 168.575 | 35.0 | 5.1 |
|  |  |  |  |  | 2008/06/01 | 22:30:50.880 | -20.062 | 168.601 | 45.5 | 5.2 |
| 2008097\_2011148 | 0.974 | 40 | 0.0104 | 12 | 2008/04/06 | 18:48:15.190 | -20.081 | 168.575 | 35.0 | 5.1 |
|  |  |  |  |  | 2011/05/28 | 06:42:06.570 | -20.057 | 168.527 | 37.8 | 5.1 |
| 2008101\_2014199 | 0.967 | 8 | 0.0049 | 2 | 2008/04/10 | 13:25:29.660 | -20.299 | 168.854 | 35.0 | 5.0 |
|  |  |  |  |  | 2014/07/18 | 18:44:27.490 | -20.482 | 168.761 | 28.4 | 5.1 |
| 2008122\_2011056 | 0.969 | 86 | 0.0081 | 62 | 2008/05/01 | 17:44:54.680 | -2.874 | 101.213 | 49.4 | 5.0 |
|  |  |  |  |  | 2011/02/25 | 22:08:37.720 | -3.047 | 100.996 | 50.1 | 5.1 |
| 2008124\_2013044 | 0.973 | 147 | 0.0132 | 107 | 2008/05/03 | 03:53:34.930 | -3.015 | 101.319 | 50.4 | 5.3 |
|  |  |  |  |  | 2013/02/13 | 11:00:24.850 | -2.990 | 101.297 | 55.3 | 5.3 |
| 2008129\_2009240 | 0.954 | 84 | 0.0057 | 58 | 2008/05/08 | 11:31:23.880 | 5.507 | 94.703 | 35.0 | 5.0 |
|  |  |  |  |  | 2009/08/28 | 16:45:18.250 | 5.475 | 94.659 | 55.3 | 5.0 |
| 2008129\_2010352 | 0.980 | 88 | 0.0068 | 78 | 2008/05/08 | 11:31:23.880 | 5.507 | 94.703 | 35.0 | 5.0 |
|  |  |  |  |  | 2010/12/18 | 22:56:43.080 | 5.420 | 94.667 | 55.2 | 5.0 |
| 2008129\_2011080 | 0.972 | 103 | 0.0151 | 92 | 2008/05/08 | 21:18:43.350 | 36.275 | 142.029 | 31.8 | 5.0 |
|  |  |  |  |  | 2011/03/21 | 05:54:12.510 | 36.252 | 142.014 | 35.0 | 5.0 |
| 2008129\_2011148 | 0.966 | 72 | 0.0138 | 59 | 2008/05/08 | 21:18:43.350 | 36.275 | 142.029 | 31.8 | 5.0 |
|  |  |  |  |  | 2011/05/28 | 13:46:07.930 | 36.287 | 142.021 | 35.0 | 5.0 |
| 2008129\_2016353 | 0.966 | 77 | 0.0060 | 62 | 2008/05/08 | 11:31:23.880 | 5.507 | 94.703 | 35.0 | 5.0 |
|  |  |  |  |  | 2016/12/18 | 19:24:43.690 | 5.411 | 94.611 | 50.7 | 5.3 |
| 2008152\_2011122 | 0.973 | 72 | 0.0101 | 59 | 2008/05/31 | 14:28:35.100 | 39.983 | 142.604 | 33.5 | 5.0 |
|  |  |  |  |  | 2011/05/02 | 21:25:49.540 | 40.102 | 142.564 | 32.3 | 5.1 |
| 2008152\_2011354 | 0.977 | 86 | 0.0089 | 67 | 2008/05/31 | 14:28:35.100 | 39.983 | 142.604 | 33.5 | 5.0 |
|  |  |  |  |  | 2011/12/20 | 06:26:23.210 | 40.099 | 142.559 | 52.7 | 5.1 |
| 2008152\_2014016 | 0.984 | 86 | 0.0053 | 70 | 2008/05/31 | 14:28:35.100 | 39.983 | 142.604 | 33.5 | 5.0 |
|  |  |  |  |  | 2014/01/16 | 01:12:17.710 | 40.115 | 142.818 | 51.8 | 5.1 |
| 2008153\_2011148 | 0.979 | 25 | 0.0116 | 15 | 2008/06/01 | 22:30:50.880 | -20.062 | 168.601 | 45.5 | 5.2 |
|  |  |  |  |  | 2011/05/28 | 06:42:06.570 | -20.057 | 168.527 | 37.8 | 5.1 |
| 2008176\_2011170 | 0.962 | 83 | 0.0120 | 61 | 2008/06/24 | 19:14:44.150 | -3.185 | 101.433 | 49.0 | 5.1 |
|  |  |  |  |  | 2011/06/19 | 04:15:58.980 | -3.247 | 101.361 | 57.1 | 5.4 |
| 2008191\_2012060 | 0.953 | 43 | 0.0086 | 25 | 2008/07/09 | 02:34:43.520 | -12.406 | 166.460 | 45.2 | 5.0 |
|  |  |  |  |  | 2012/02/29 | 07:05:12.110 | -12.543 | 166.487 | 80.7 | 5.1 |
| 2008192\_2011289 | 0.954 | 105 | 0.0145 | 70 | 2008/07/10 | 16:01:06.490 | -20.081 | 169.205 | 69.5 | 5.1 |
|  |  |  |  |  | 2011/10/16 | 04:24:45.080 | -20.040 | 169.144 | 81.1 | 5.1 |
| 2008218\_2012331 | 0.961 | 84 | 0.0128 | 72 | 2008/08/05 | 10:08:11.950 | 13.865 | 93.581 | 35.0 | 5.2 |
|  |  |  |  |  | 2012/11/26 | 23:13:52.470 | 13.850 | 93.637 | 53.7 | 5.1 |
| 2008218\_2015163 | 0.972 | 61 | 0.0121 | 54 | 2008/08/05 | 10:08:11.950 | 13.865 | 93.581 | 35.0 | 5.2 |
|  |  |  |  |  | 2015/06/12 | 18:29:30.290 | 14.012 | 93.578 | 48.6 | 5.2 |
| 2008231\_2017126 | 0.967 | 128 | 0.0153 | 84 | 2008/08/18 | 02:21:19.070 | 52.146 | -170.600 | 30.7 | 5.2 |
|  |  |  |  |  | 2017/05/06 | 20:43:19.300 | 52.112 | -170.543 | 31.7 | 5.2 |
| 2008235\_2015218 | 0.952 | 155 | 0.0123 | 118 | 2008/08/22 | 10:59:50.120 | 36.463 | 140.401 | 51.5 | 5.2 |
|  |  |  |  |  | 2015/08/06 | 09:22:29.530 | 36.452 | 140.595 | 52.8 | 5.2 |
| 2008310\_2017139 | 0.960 | 135 | 0.0124 | 80 | 2008/11/05 | 05:04:46.090 | 52.035 | -170.538 | 30.0 | 5.3 |
|  |  |  |  |  | 2017/05/19 | 01:21:42.220 | 52.002 | -170.488 | 22.2 | 5.2 |
| 2009054\_2016245 | 0.966 | 114 | 0.0188 | 92 | 2009/02/23 | 05:56:31.680 | 0.479 | 98.548 | 35.0 | 5.4 |
|  |  |  |  |  | 2016/09/01 | 20:04:17.480 | 0.553 | 98.615 | 35.0 | 5.5 |
| 2009084\_2016057 | 0.955 | 12 | 0.0141 | 9 | 2009/03/25 | 20:25:12.600 | -62.007 | 155.608 | 10.0 | 5.2 |
|  |  |  |  |  | 2016/02/26 | 01:49:36.830 | -62.209 | 155.257 | 10.0 | 5.7 |
| 2009104\_2015179 | 0.966 | 73 | 0.0222 | 52 | 2009/04/14 | 22:44:45.000 | 19.328 | -155.210 | 9.9 | 5.2 |
|  |  |  |  |  | 2015/06/28 | 08:10:10.480 | 19.335 | -155.209 | 8.6 | 5.2 |
| 2009192\_2012169 | 0.967 | 182 | 0.0136 | 135 | 2009/07/11 | 12:35:21.830 | -20.672 | -174.215 | 35.0 | 5.3 |
|  |  |  |  |  | 2012/06/17 | 17:26:26.940 | -20.588 | -174.311 | 10.0 | 5.3 |
| 2009206\_2012223 | 0.983 | 95 | 0.0086 | 76 | 2009/07/25 | 18:41:58.040 | 1.869 | 97.020 | 39.2 | 5.2 |
|  |  |  |  |  | 2012/08/10 | 04:41:40.250 | 1.901 | 96.965 | 8.0 | 5.1 |
| 2009240\_2010352 | 0.971 | 71 | 0.0085 | 62 | 2009/08/28 | 16:45:18.250 | 5.475 | 94.659 | 55.3 | 5.0 |
|  |  |  |  |  | 2010/12/18 | 22:56:43.080 | 5.420 | 94.667 | 55.2 | 5.0 |
| 2009240\_2016353 | 0.964 | 56 | 0.0057 | 44 | 2009/08/28 | 16:45:18.250 | 5.475 | 94.659 | 55.3 | 5.0 |
|  |  |  |  |  | 2016/12/18 | 19:24:43.690 | 5.411 | 94.611 | 50.7 | 5.3 |
| 2009247\_2017312 | 0.970 | 113 | 0.0060 | 59 | 2009/09/04 | 00:52:08.110 | -6.286 | 104.794 | 46.0 | 5.1 |
|  |  |  |  |  | 2017/11/08 | 19:17:06.960 | -6.507 | 104.615 | 35.0 | 5.0 |
| 2009254\_2017123 | 0.965 | 26 | 0.0109 | 11 | 2009/09/11 | 08:12:03.750 | -55.982 | -26.644 | 35.0 | 5.0 |
|  |  |  |  |  | 2017/05/03 | 17:24:54.480 | -56.026 | -26.695 | 34.5 | 5.3 |
| 2009288\_2012060 | 0.953 | 58 | 0.0154 | 39 | 2009/10/15 | 19:20:16.570 | -12.408 | 166.617 | 35.0 | 5.2 |
|  |  |  |  |  | 2012/02/29 | 07:05:12.110 | -12.543 | 166.487 | 80.7 | 5.1 |
| 2009330\_2015280 | 0.960 | 53 | 0.0145 | 37 | 2009/11/26 | 15:42:17.730 | -30.522 | -177.839 | 23.3 | 5.0 |
|  |  |  |  |  | 2015/10/07 | 03:50:33.440 | -30.270 | -177.880 | 27.6 | 5.0 |
| 2009336\_2017171 | 0.977 | 42 | 0.0100 | 16 | 2009/12/02 | 23:14:00.830 | -56.156 | -26.772 | 59.7 | 5.4 |
|  |  |  |  |  | 2017/06/20 | 12:54:35.910 | -56.259 | -27.015 | 56.2 | 5.3 |
| 2009342\_2014136 | 0.953 | 86 | 0.0104 | 52 | 2009/12/08 | 00:11:36.170 | -4.803 | 103.105 | 73.3 | 5.0 |
|  |  |  |  |  | 2014/05/16 | 21:20:24.000 | -4.982 | 102.975 | 63.3 | 5.0 |
| 2010028\_2015132 | 0.978 | 51 | 0.0099 | 32 | 2010/01/28 | 04:01:18.210 | -9.832 | 108.788 | 16.1 | 5.0 |
|  |  |  |  |  | 2015/05/12 | 06:27:03.550 | -10.022 | 108.732 | 10.0 | 5.1 |
| 2010041\_2014109 | 0.956 | 46 | 0.0228 | 43 | 2010/02/10 | 12:22:39.600 | -7.189 | 154.877 | 18.8 | 5.1 |
|  |  |  |  |  | 2014/04/19 | 18:11:22.360 | -7.147 | 154.770 | 44.1 | 5.1 |
| 2010062\_2011152 | 0.955 | 64 | 0.0278 | 28 | 2010/03/03 | 04:35:59.720 | -37.582 | -73.872 | 35.3 | 5.3 |
|  |  |  |  |  | 2011/06/01 | 13:47:29.640 | -37.489 | -73.674 | 28.5 | 5.4 |
| 2010064\_2010109 | 0.962 | 131 | 0.0187 | 66 | 2010/03/05 | 10:31:23.390 | -37.559 | -73.643 | 37.1 | 5.2 |
|  |  |  |  |  | 2010/04/19 | 07:32:48.890 | -37.519 | -73.680 | 25.8 | 5.2 |
| 2010070\_2011206 | 0.974 | 214 | 0.0151 | 118 | 2010/03/11 | 22:34:03.910 | -37.705 | -73.651 | 24.5 | 5.3 |
|  |  |  |  |  | 2011/07/25 | 11:15:11.000 | -37.714 | -73.728 | 32.8 | 5.2 |
| 2010078\_2015198 | 0.963 | 121 | 0.0139 | 74 | 2010/03/19 | 08:54:44.000 | -35.541 | -73.475 | 14.4 | 5.5 |
|  |  |  |  |  | 2015/07/17 | 11:11:22.780 | -35.503 | -73.222 | 10.0 | 5.2 |
| 2010194\_2013323 | 0.952 | 77 | 0.0101 | 54 | 2010/07/13 | 22:21:05.270 | 1.369 | 97.182 | 42.9 | 5.0 |
|  |  |  |  |  | 2013/11/19 | 20:22:43.750 | 1.294 | 97.117 | 16.4 | 5.1 |
| 2010237\_2017213 | 0.968 | 25 | 0.0141 | 9 | 2010/08/25 | 04:06:17.340 | -49.496 | 117.320 | 10.0 | 5.0 |
|  |  |  |  |  | 2017/08/01 | 17:20:25.130 | -49.528 | 116.896 | 10.0 | 5.1 |
| 2010271\_2016123 | 0.964 | 147 | 0.0142 | 120 | 2010/09/28 | 03:15:03.030 | 11.884 | 143.241 | 10.9 | 5.0 |
|  |  |  |  |  | 2016/05/02 | 05:24:42.170 | 11.851 | 143.337 | 10.0 | 5.3 |
| 2010272\_2012232 | 0.977 | 124 | 0.0097 | 107 | 2010/09/29 | 11:33:32.150 | 4.998 | 94.736 | 54.9 | 5.0 |
|  |  |  |  |  | 2012/08/19 | 01:57:03.640 | 5.063 | 94.753 | 40.6 | 5.2 |
| 2010273\_2015203 | 0.976 | 154 | 0.0091 | 132 | 2010/09/30 | 09:54:10.160 | 5.045 | 94.736 | 55.0 | 5.2 |
|  |  |  |  |  | 2015/07/22 | 05:35:39.440 | 5.056 | 94.716 | 23.7 | 5.2 |
| 2010345\_2014345 | 0.964 | 25 | 0.0079 | 10 | 2010/12/11 | 20:35:02.600 | -56.830 | -25.411 | 46.5 | 5.0 |
|  |  |  |  |  | 2014/12/11 | 18:16:50.380 | -56.825 | -25.257 | 10.0 | 5.1 |
| 2010352\_2014216 | 0.951 | 53 | 0.0072 | 44 | 2010/12/18 | 22:56:43.080 | 5.420 | 94.667 | 55.2 | 5.0 |
|  |  |  |  |  | 2014/08/04 | 10:36:09.830 | 5.399 | 94.653 | 57.0 | 5.3 |
| 2010352\_2016353 | 0.972 | 80 | 0.0063 | 69 | 2010/12/18 | 22:56:43.080 | 5.420 | 94.667 | 55.2 | 5.0 |
|  |  |  |  |  | 2016/12/18 | 19:24:43.690 | 5.411 | 94.611 | 50.7 | 5.3 |
| 2010357\_2013119 | 0.957 | 99 | 0.0134 | 76 | 2010/12/23 | 00:01:37.690 | 3.931 | 95.916 | 41.8 | 5.4 |
|  |  |  |  |  | 2013/04/29 | 13:42:59.670 | 3.886 | 95.918 | 61.1 | 5.0 |
| 2011051\_2015340 | 0.978 | 91 | 0.0109 | 76 | 2011/02/20 | 09:17:11.900 | -7.263 | 155.136 | 35.0 | 5.1 |
|  |  |  |  |  | 2015/12/06 | 04:03:08.170 | -7.235 | 155.042 | 11.1 | 5.3 |
| 2011059\_2017127 | 0.964 | 62 | 0.0065 | 49 | 2011/02/28 | 23:10:26.600 | 3.973 | 95.958 | 63.2 | 5.0 |
|  |  |  |  |  | 2017/05/07 | 11:29:19.150 | 3.931 | 95.869 | 49.3 | 5.0 |
| 2011080\_2011148 | 0.979 | 199 | 0.0079 | 143 | 2011/03/21 | 05:54:12.510 | 36.252 | 142.014 | 35.0 | 5.0 |
|  |  |  |  |  | 2011/05/28 | 13:46:07.930 | 36.287 | 142.021 | 35.0 | 5.0 |
| 2011119\_2011205 | 0.951 | 323 | 0.0150 | 225 | 2011/04/29 | 22:19:33.370 | 38.859 | 141.916 | 59.2 | 5.2 |
|  |  |  |  |  | 2011/07/24 | 15:07:10.970 | 38.855 | 141.993 | 62.4 | 5.1 |
| 2011122\_2011354 | 0.978 | 117 | 0.0085 | 73 | 2011/05/02 | 21:25:49.540 | 40.102 | 142.564 | 32.3 | 5.1 |
|  |  |  |  |  | 2011/12/20 | 06:26:23.210 | 40.099 | 142.559 | 52.7 | 5.1 |
| 2011122\_2014016 | 0.976 | 103 | 0.0083 | 68 | 2011/05/02 | 21:25:49.540 | 40.102 | 142.564 | 32.3 | 5.1 |
|  |  |  |  |  | 2014/01/16 | 01:12:17.710 | 40.115 | 142.818 | 51.8 | 5.1 |
| 2011141\_2017050 | 0.959 | 267 | 0.0150 | 239 | 2011/05/21 | 22:06:26.390 | 35.597 | 140.492 | 37.0 | 5.6 |
|  |  |  |  |  | 2017/02/19 | 09:19:31.080 | 35.662 | 140.752 | 42.0 | 5.4 |
| 2011289\_2015290 | 0.954 | 130 | 0.0155 | 83 | 2011/10/16 | 04:24:45.080 | -20.040 | 169.144 | 81.1 | 5.1 |
|  |  |  |  |  | 2015/10/17 | 21:02:30.450 | -20.114 | 169.226 | 43.4 | 5.3 |
| 2011326\_2014043 | 0.957 | 178 | 0.0107 | 103 | 2011/11/22 | 07:41:32.000 | -34.762 | -71.807 | 41.4 | 5.1 |
|  |  |  |  |  | 2014/02/12 | 13:35:23.510 | -34.748 | -71.617 | 44.9 | 5.2 |
| 2011354\_2014016 | 0.974 | 121 | 0.0084 | 87 | 2011/12/20 | 06:26:23.210 | 40.099 | 142.559 | 52.7 | 5.1 |
|  |  |  |  |  | 2014/01/16 | 01:12:17.710 | 40.115 | 142.818 | 51.8 | 5.1 |
| 2012023\_2014039 | 0.964 | 100 | 0.0154 | 76 | 2012/01/23 | 11:45:43.700 | 37.108 | 140.965 | 62.4 | 5.2 |
|  |  |  |  |  | 2014/02/08 | 02:34:23.050 | 37.087 | 141.120 | 51.8 | 5.0 |
| 2012023\_2015135 | 0.960 | 146 | 0.0112 | 128 | 2012/01/23 | 11:45:43.700 | 37.108 | 140.965 | 62.4 | 5.2 |
|  |  |  |  |  | 2015/05/15 | 03:30:34.360 | 37.046 | 141.203 | 38.0 | 5.1 |
| 2012081\_2013015 | 0.977 | 414 | 0.0090 | 323 | 2012/03/21 | 02:54:40.000 | 16.460 | -98.400 | 15.0 | 5.0 |
|  |  |  |  |  | 2013/01/15 | 19:20:27.700 | 16.491 | -98.491 | 12.2 | 5.0 |
| 2012141\_2015162 | 0.960 | 143 | 0.0188 | 110 | 2012/05/20 | 08:20:57.950 | 39.619 | 143.175 | 10.0 | 5.3 |
|  |  |  |  |  | 2015/06/11 | 04:56:32.160 | 39.610 | 143.241 | 10.0 | 5.4 |
| 2012157\_2017017 | 0.962 | 158 | 0.0077 | 130 | 2012/06/05 | 11:01:20.000 | 5.482 | 94.672 | 54.4 | 5.3 |
|  |  |  |  |  | 2017/01/17 | 11:48:46.330 | 5.418 | 94.558 | 35.0 | 5.1 |
| 2012232\_2015189 | 0.975 | 116 | 0.0102 | 97 | 2012/08/19 | 01:57:03.640 | 5.063 | 94.753 | 40.6 | 5.2 |
|  |  |  |  |  | 2015/07/08 | 00:38:56.010 | 4.995 | 94.735 | 34.3 | 5.3 |
| 2012235\_2016353 | 0.959 | 114 | 0.0149 | 87 | 2012/08/22 | 10:13:57.470 | -20.038 | -173.661 | 35.0 | 5.1 |
|  |  |  |  |  | 2016/12/18 | 19:17:40.650 | -19.937 | -173.164 | 10.0 | 5.4 |
| 2012319\_2016348 | 0.954 | 108 | 0.0154 | 82 | 2012/11/14 | 07:41:53.210 | -20.739 | -174.079 | 10.0 | 5.2 |
|  |  |  |  |  | 2016/12/13 | 23:51:31.140 | -20.612 | -173.631 | 10.0 | 5.2 |
| 2012326\_2013329 | 0.955 | 116 | 0.0152 | 94 | 2012/11/21 | 17:42:36.660 | 38.479 | 141.648 | 34.9 | 5.0 |
|  |  |  |  |  | 2013/11/25 | 15:43:02.470 | 38.482 | 141.940 | 52.9 | 5.0 |
| 2012331\_2015163 | 0.958 | 79 | 0.0139 | 72 | 2012/11/26 | 23:13:52.470 | 13.850 | 93.637 | 53.7 | 5.1 |
|  |  |  |  |  | 2015/06/12 | 18:29:30.290 | 14.012 | 93.578 | 48.6 | 5.2 |
| 2013010\_2014038 | 0.959 | 148 | 0.0147 | 113 | 2013/01/10 | 12:48:21.460 | 37.491 | 141.308 | 57.2 | 5.0 |
|  |  |  |  |  | 2014/02/07 | 17:18:34.490 | 37.562 | 141.363 | 62.0 | 5.2 |
| 2013170\_2017186 | 0.964 | 78 | 0.0115 | 33 | 2013/06/19 | 09:39:33.960 | -21.022 | -174.438 | 41.5 | 5.1 |
|  |  |  |  |  | 2017/07/05 | 23:29:45.290 | -20.881 | -174.382 | 35.0 | 5.1 |
| 2014039\_2015135 | 0.965 | 112 | 0.0142 | 91 | 2014/02/08 | 02:34:23.050 | 37.087 | 141.120 | 51.8 | 5.0 |
|  |  |  |  |  | 2015/05/15 | 03:30:34.360 | 37.046 | 141.203 | 38.0 | 5.1 |
| 2014102\_2014116 | 0.966 | 102 | 0.0121 | 78 | 2014/04/12 | 10:55:41.640 | -6.973 | 154.803 | 14.1 | 5.0 |
|  |  |  |  |  | 2014/04/26 | 16:03:50.510 | -7.001 | 154.813 | 35.6 | 5.0 |