

STEREO A PLASTIC Alfvén Waves

| No. | start_time | ending_time | Rx | Ry | Rz |
|-----|---------------------|---------------------|------------|------------|------------|
| 1 | 2007-03-06/05:22:00 | 2007-03-06/06:25:00 | 0.69551295 | 0.60990661 | 0.54740423 |
| 2 | 2007-03-11/09:02:00 | 2007-03-11/12:00:00 | 0.64995909 | 0.33648691 | 0.6144222 |
| 3 | 2007-04-01/08:22:00 | 2007-04-01/09:02:00 | 0.66510373 | 0.63506895 | 0.66532135 |
| 4 | 2007-05-18/16:15:00 | 2007-05-18/17:30:00 | -0.3793556 | -0.6932657 | -0.6125159 |
| 5 | 2007-10-19/23:50:00 | 2007-10-20/04:40:00 | 0.61351943 | 0.68194664 | 0.6860733 |
| 6 | 2008-08-09/15:02:00 | 2008-08-09/22:45:00 | 0.52824616 | 0.61590475 | 0.55608094 |
| 7 | 2009-01-19/13:45:00 | 2009-01-19/17:00:00 | -0.5192569 | -0.5499232 | -0.5379443 |
| 8 | 2009-02-02/17:35:00 | 2009-02-02/19:30:00 | -0.6113164 | -0.335876 | -0.6244122 |
| 9 | 2009-10-01/16:25:00 | 2009-10-01/17:12:00 | -0.7167895 | -0.4156933 | -0.5945891 |
| 10 | 2010-08-11/13:10:00 | 2010-08-11/14:55:00 | 0.73871273 | 0.4384701 | 0.65129417 |
| 11 | 2010-11-24/01:32:00 | 2010-11-24/03:22:00 | 0.771801 | 0.57197714 | 0.53976768 |
| 12 | 2010-12-17/15:28:00 | 2010-12-17/16:45:00 | 0.66819114 | 0.59827119 | 0.77046913 |
| 13 | 2010-12-23/22:28:00 | 2010-12-23/23:20:00 | 0.86352509 | 0.63776279 | 0.83152509 |
| 14 | 2012-02-26/02:00:00 | 2012-02-26/03:00:00 | 0.69093239 | 0.55950439 | 0.61636001 |
| 15 | 2012-08-20/10:00:00 | 2012-08-20/12:30:00 | -0.3814494 | -0.6118259 | -0.6319805 |
| 16 | 2013-03-11/04:02:00 | 2013-03-11/04:42:00 | 0.96443886 | 0.32810733 | 0.97510058 |
| 17 | 2013-04-23/03:35:00 | 2013-04-23/06:30:00 | -0.6892456 | -0.7409132 | -0.4131434 |
| 18 | 2013-05-30/13:35:00 | 2013-05-30/19:20:00 | 0.69012111 | 0.40517679 | 0.7305789 |
| 19 | 2013-07-20/09:35:00 | 2013-07-20/12:30:00 | -0.7235735 | -0.5979518 | -0.5998412 |
| 20 | 2013-12-13/08:18:00 | 2013-12-13/10:38:00 | -0.4897785 | -0.7801491 | -0.7915031 |
| 21 | 2014-07-18/10:40:00 | 2014-07-18/13:45:00 | -0.6325494 | -0.7119324 | -0.4752273 |
| 22 | 2014-07-27/16:25:00 | 2014-07-27/17:35:00 | 0.71206057 | 0.73287815 | 0.30235428 |