

**CryoSat-2 Data Unavailability Periods: 2010**

[http://earth.eo.esa.int/missions/cryosat/unavailability\\_periods/](http://earth.eo.esa.int/missions/cryosat/unavailability_periods/)

| Unavailability Start Time (UTC) | Unavailability Stop Time (UTC) | Planned/Unplanned | Reason   | SIRAL Mode Affected |
|---------------------------------|--------------------------------|-------------------|--|---------------------|
| 2010-12-31 23:58:58             | 2011-01-01 00:01:31            | Unplanned         | Ground Segment Anomaly                         | SARIN               |
| 2010-12-22 17:27:01             | 2010-12-22 17:31:30            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-12-16 14:16:00             | 2010-12-16 14:47:14            | Planned           | On-board Maintenance                           | All                 |
| 2010-12-16 02:53:08             | 2010-12-16 03:47:00            | Planned           | Orbit Manoeuvre                                | All                 |
| 2010-12-13 22:46:23             | 2010-12-13 22:52:27            | Unplanned         | Ground Segment Anomaly                         | SAR                 |
| 2010-12-12 18:49:14             | 2010-12-12 20:13:29            | Unplanned         | Ground Segment Anomaly                         | SAR & SARIN         |
| 2010-12-11 19:17:20             | 2010-12-11 19:21:09            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-12-10 08:13:39             | 2010-12-10 08:16:03            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-12-08 13:31:01             | 2010-12-08 13:31:40            | Unplanned         | Ground Segment Anomaly                         | SARIN               |
| 2010-12-07 20:10:46             | 2010-12-07 20:13:04            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-11-29 19:38:30             | 2010-11-30 02:25:01            | Unplanned         | Ground Segment Anomaly                         | All                 |
| 2010-11-28 07:24:18             | 2010-11-28 09:03:06            | Unplanned         | Ground Segment Anomaly                         | All                 |
| 2010-11-28 04:29:17             | 2010-11-28 05:29:59            | Unplanned         | Ground Segment Anomaly                         | SARIN               |
| 2010-11-28 00:43:47             | 2010-11-28 00:45:14            | Unplanned         | Ground Segment Anomaly                         | SARIN               |
| 2010-11-26 17:22:31             | 2010-11-26 17:26:17            | Unplanned         | Ground Segment Anomaly                         | SAR                 |
| 2010-11-23 18:04:22             | 2010-11-23 18:10:54            | Unplanned         | Ground Segment Anomaly                         | All                 |
| 2010-11-23 01:00:00             | 2010-11-23 13:18:39            | Planned           | On-board Maintenance                           | All                 |
| 2010-11-22 23:27:09             | 2010-11-23 01:00:00            | Planned           | On-board Maintenance                           | SARIN               |
| 2010-11-20 05:12:45             | 2010-11-20 05:32:42            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-11-20 04:09:32             | 2010-11-20 05:12:45            | Unplanned         | Ground Segment Anomaly                         | All                 |
| 2010-11-11 11:47:14             | 2010-11-11 11:53:56            | Unplanned         | Ground Segment Anomaly                         | SAR & SARIN         |
| 2010-11-11 10:13:33             | 2010-11-11 10:19:08            | Unplanned         | Ground Segment Anomaly                         | All                 |
| 2010-11-10 21:33:31             | 2010-11-10 21:35:41            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-11-10 02:12:15             | 2010-11-10 02:12:51            | Unplanned         | Ground Segment Anomaly                         | SARIN               |
| 2010-11-08 21:35:58             | 2010-11-08 21:38:19            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-11-08 09:28:01             | 2010-11-08 09:33:50            | Unplanned         | Ground Segment Anomaly                         | SARIN               |
| 2010-11-08 07:00:00             | 2010-11-08 07:38:50            | Unplanned         | Ground Segment Anomaly                         | SARIN               |
| 2010-11-06 17:32:15             | 2010-11-06 17:32:50            | Unplanned         | Ground Segment Anomaly                         | SAR                 |
| 2010-11-05 15:20:48             | 2010-11-05 15:33:01            | Unplanned         | Ground Segment Anomaly                         | SARIN               |
| 2010-10-31 15:23:02             | 2010-10-31 17:47:35            | Unplanned         | Ground Segment Anomaly                         | SARIN               |
| 2010-10-29 14:31:33             | 2010-10-29 14:38:51            | Unplanned         | Ground Segment Anomaly                         | SAR                 |
| 2010-10-29 13:19:25             | 2010-10-29 13:40:08            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-10-29 12:51:51             | 2010-10-29 12:54:45            | Planned           | On-board Maintenance                           | All                 |
| 2010-10-28 19:10:47             | 2010-10-28 19:28:16            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-10-26 02:08:51             | 2010-10-26 02:09:52            | Unplanned         | Ground Segment Anomaly                         | LRM                 |
| 2010-10-18 07:25:51             | 2010-10-21 15:05:17            | Planned           | SIRAL B to A switchover & On-board Maintenance | All                 |
| 2010-10-08 14:10:29             | 2010-10-08 17:32:41            | Planned           | On-board Maintenance                           | All                 |
| 2010-10-04 07:43:00             | 2010-10-04 09:26:50            | Planned           | SIRAL A to B switchover                        | All                 |
| 2010-10-01 10:00:00             | 2010-10-04 07:43:00            | Planned           | Orbit Manoeuvre                                | All                 |

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| 2010-09-29 08:34:28 | 2010-09-29 08:36:02 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-09-28 04:25:04 | 2010-09-28 04:25:36 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-09-22 08:00:58 | 2010-09-22 08:02:28 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-09-15 07:16:46 | 2010-09-17 12:42:47 | Planned   | On-board Maintenance                           | All         |
| 2010-09-14 04:41:15 | 2010-09-14 04:42:17 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-09-14 00:23:27 | 2010-09-14 00:25:44 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-09-11 20:04:34 | 2010-09-13 07:29:58 | Unplanned | Payload Anomaly                                | All         |
| 2010-09-11 15:38:03 | 2010-09-11 15:38:34 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-09-10 11:30:34 | 2010-09-10 12:07:18 | Planned   | On-board Maintenance                           | All         |
| 2010-09-06 10:07:01 | 2010-09-06 10:09:00 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-09-02 17:10:30 | 2010-09-06 08:26:47 | Unplanned | Payload Anomaly                                | All         |
| 2010-09-02 06:44:00 | 2010-09-02 17:10:30 | Planned   | SIRAL B to A switchover & On-board Maintenance | All         |
| 2010-08-31 07:30:00 | 2010-09-01 17:33:35 | Planned   | Roll Manoeuvre                                 | All         |
| 2010-08-24 04:35:51 | 2010-08-24 10:11:00 | Unplanned | Payload Anomaly                                | All         |
| 2010-08-12 07:58:46 | 2010-08-12 11:24:50 | Planned   | SIRAL A to B switchover                        | All         |
| 2010-08-11 17:05:31 | 2010-08-11 17:06:02 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-11 03:43:31 | 2010-08-11 03:44:33 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-10 17:59:17 | 2010-08-10 18:00:06 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-10 09:51:12 | 2010-08-10 13:06:59 | Unplanned | Payload Anomaly                                | All         |
| 2010-08-10 06:13:35 | 2010-08-10 06:14:29 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-06 16:04:14 | 2010-08-06 16:05:01 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-08-06 06:18:28 | 2010-08-06 06:19:23 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-06 01:24:41 | 2010-08-06 01:25:27 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-05 05:11:50 | 2010-08-05 09:06:16 | Unplanned | Payload Anomaly                                | All         |
| 2010-08-05 00:36:08 | 2010-08-05 00:37:25 | Unplanned | Ground Segment Anomaly                         | SAR & SARIN |
| 2010-08-04 03:05:58 | 2010-08-04 03:06:43 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-04 01:27:11 | 2010-08-04 01:27:45 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-03 03:57:04 | 2010-08-03 03:58:03 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-02 06:23:20 | 2010-08-02 06:23:54 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-08-02 04:47:39 | 2010-08-02 04:48:23 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-08-01 04:57:33 | 2010-08-01 04:58:42 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-07-31 06:25:47 | 2010-07-31 06:26:22 | Unplanned | Ground Segment Anomaly                         | SARIN       |
| 2010-07-31 03:10:52 | 2010-07-31 03:11:57 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-07-30 06:01:26 | 2010-07-30 14:01:15 | Unplanned | Payload Anomaly                                | All         |
| 2010-07-29 09:58:01 | 2010-07-29 10:09:00 | Planned   | On-board Maintenance                           | All         |
| 2010-07-29 09:56:27 | 2010-07-29 09:57:02 | Unplanned | Ground Segment Anomaly                         | LRM         |
| 2010-07-27 08:18:01 | 2010-07-28 20:51:45 | Planned   | On-board Maintenance                           | All         |
| 2010-07-26 00:55:24 | 2010-07-26 00:55:58 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-07-25 13:10:00 | 2010-07-25 13:10:35 | Unplanned | Ground Segment Anomaly                         | SAR         |
| 2010-07-23 03:20:36 | 2010-07-23 03:21:23 | Unplanned | Ground Segment Anomaly                         | SAR & SARIN |
| 2010-07-22 04:11:36 | 2010-07-22 04:12:23 | Unplanned | Ground Segment Anomaly                         | SAR & SARIN |
| 2010-07-21 19:06:36 | 2010-07-21 19:12:43 | Unplanned | Ground Segment Anomaly                         | LRM         |

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| 2010-07-21 18:25:19 | 2010-07-21 18:27:39 | Unplanned | Ground Segment Anomaly | SAR         |
| 2010-07-21 08:10:55 | 2010-07-21 15:19:00 | Unplanned | Payload Anomaly        | All         |
| 2010-07-20 10:00:00 | 2010-07-20 15:04:56 | Planned   | Venting Manoeuvre      | All         |
| 2010-07-20 03:10:53 | 2010-07-20 03:13:06 | Unplanned | Ground Segment Anomaly | LRM         |
| 2010-07-19 18:30:09 | 2010-07-19 22:51:08 | Planned   | On-board Maintenance   | SARIN       |
| 2010-07-19 06:40:24 | 2010-07-19 06:41:13 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2010-07-18 07:31:14 | 2010-07-18 07:32:13 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2010-07-18 04:16:26 | 2010-07-18 04:17:55 | Unplanned | Ground Segment Anomaly | SAR         |
| 2010-07-17 13:19:45 | 2010-07-17 13:20:52 | Unplanned | Ground Segment Anomaly | SAR         |
| 2010-07-17 06:42:51 | 2010-07-17 06:43:44 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2010-07-17 01:49:01 | 2010-07-17 01:49:44 | Unplanned | Ground Segment Anomaly | SAR & SARIN |
| 2010-07-16 16:02:12 | 2010-07-16 16:02:45 | Unplanned | Ground Segment Anomaly | SARIN       |
| 2010-07-16 12:31:21 | 2010-07-16 12:33:17 | Unplanned | Ground Segment Anomaly | SAR         |
| 2010-07-16 02:39:45 | 2010-07-16 02:41:51 | Unplanned | Ground Segment Anomaly | SAR         |