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Summary of Anomalies:

station info  
ALL KS (Kiruna) data missing !

|                                  |   |                 |
|----------------------------------|---|-----------------|
| MM orbit 61035 EGOI data missing | 23-DEC-2006 00:49:41.345 - 23-DEC-2006 01:00:22.909 | 641.56400 [sec] |
| KS orbit 61035 EGOI data missing | 23-DEC-2006 00:00:21.739 - 23-DEC-2006 00:05:49.723 | 327.98400 [sec] |
| BE orbit 61036 EGOI data missing | 23-DEC-2006 01:57:01.873 - 23-DEC-2006 02:08:38.120 | 696.24700 [sec] |
| MM orbit 61036 EGOI data missing | 23-DEC-2006 02:32:14.019 - 23-DEC-2006 02:40:45.194 | 511.17500 [sec] |
| BE orbit 61037 EGOI data missing | 23-DEC-2006 03:35:54.535 - 23-DEC-2006 03:48:53.332 | 778.79700 [sec] |
| MI orbit 61038 EGOI data missing | 23-DEC-2006 04:46:21.029 - 23-DEC-2006 04:55:54.714 | 573.68500 [sec] |
| KS orbit 61039 EGOI data missing | 23-DEC-2006 06:51:26.924 - 23-DEC-2006 07:00:22.175 | 535.25100 [sec] |
| KS orbit 61040 EGOI data missing | 23-DEC-2006 08:30:50.212 - 23-DEC-2006 08:43:47.419 | 777.20700 [sec] |
| MM orbit 61041 EGOI data missing | 23-DEC-2006 10:59:27.017 - 23-DEC-2006 11:11:16.883 | 709.86600 [sec] |
| KS orbit 61041 EGOI data missing | 23-DEC-2006 10:10:27.888 - 23-DEC-2006 10:24:27.450 | 839.56200 [sec] |
| KS orbit 61042 EGOI data missing | 23-DEC-2006 11:49:57.000 - 23-DEC-2006 12:03:22.174 | 805.17400 [sec] |
| BE orbit 61043 EGOI data missing | 23-DEC-2006 13:13:48.955 - 23-DEC-2006 13:26:07.128 | 738.17300 [sec] |
| KS orbit 61043 EGOI data missing | 23-DEC-2006 13:28:59.548 - 23-DEC-2006 13:41:14.472 | 734.92400 [sec] |
| BE orbit 61044 EGOI data missing | 23-DEC-2006 14:52:56.534 - 23-DEC-2006 15:05:33.141 | 756.60700 [sec] |
| MI orbit 61044 EGOI data missing | 23-DEC-2006 15:25:19.551 - 23-DEC-2006 15:38:04.929 | 765.37800 [sec] |
| KS orbit 61044 EGOI data missing | 23-DEC-2006 15:07:26.934 - 23-DEC-2006 15:19:01.498 | 694.56400 [sec] |
| MM orbit 61045 EGOI data missing | 23-DEC-2006 17:37:41.967 - 23-DEC-2006 17:50:13.840 | 751.87300 [sec] |
| MI orbit 61045 EGOI data missing | 23-DEC-2006 17:05:16.308 - 23-DEC-2006 17:16:11.518 | 655.21000 [sec] |
| KS orbit 61045 EGOI data missing | 23-DEC-2006 16:45:03.685 - 23-DEC-2006 16:57:28.186 | 744.50100 [sec] |
| KS orbit 61046 EGOI data missing | 23-DEC-2006 18:23:01.197 - 23-DEC-2006 18:36:36.653 | 815.45600 [sec] |
| KS orbit 61047 EGOI data missing | 23-DEC-2006 20:02:11.156 - 23-DEC-2006 20:16:08.417 | 837.26100 [sec] |
| MM orbit 61048 EGOI data missing | 23-DEC-2006 22:36:30.254 - 23-DEC-2006 22:48:51.488 | 741.23400 [sec] |
| KS orbit 61048 EGOI data missing | 23-DEC-2006 21:43:12.834 - 23-DEC-2006 21:55:45.772 | 752.93800 [sec] |
| KS orbit 61049 EGOI data missing | 23-DEC-2006 23:26:52.880 - 23-DEC-2006 23:35:01.223 | 488.34300 [sec] |

instrument info

EGOI  
1 - no complete solar calibration measurements available  
due to missing data from KS;  
however solar calibration measurements partially available  
in data segment from MA (Matera)  
start time cannot be given exactly as measurement start before  
start of MA segment 10:18:35.651, orbit 61041, stop time 10:19:38.655  
(max increase of intensity of PMD readouts during available  
solar calibration measurements data not available as not during  
visibility of ground station

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GOME Daily Reports Analysis      23 Dec      2006  
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|                                  |           |
|----------------------------------|-----------|
| Station ID                       | see above |
| MPH Product Confidence           | OK        |
| SPH Window Information           | OK        |
| Command Word Echo Summary        | OK        |
| Instrument Status 1A             | OK        |
| Instrument Status 1B             | OK        |
| Instrument Status 2              | OK        |
| Integration Times Channel 1      | OK        |
| Co-Adding and Cluster Mode Flags | OK        |
| Integration Times Band 2A        | OK        |
| Integration Times Band 2B        | OK        |
| Integration Times Band 3         | OK        |
| Integration Times Band 4         | OK        |
| Scan Mirror Position             | OK        |
| Polarisation Detectors           | OK        |
| FPA Temperatures A               | OK        |
| FPA Temperatures B               | OK        |
| Charge Amp Temperatures          | OK        |
| Other Temperatures A             | OK        |
| DDHU Temperatures                | OK        |

|                                  |    |
|----------------------------------|----|
| Optical Bench Temperatures       | OK |
| Other Temperatures B             | OK |
| Calibr. Lamp and Instr. Status 3 | OK |
| Scan Mirror Motor Current        | OK |
| Selected Temperature A           | OK |
| Selected Temperature B           | OK |
| Selected Temperature C           | OK |
| Channel 1 Summation              | OK |
| Channel 2 Summation              | OK |
| Channel 4 Summation              | OK |
| Log pages                        | OK |
| 331/318 nm Uncal. Line Ratio     | OK |
| Uncal. PMDs as RGB signal        | OK |
| 780 nm Uncal. Intensity          | OK |