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Summary of Anomalies:

station info

HO orbit 73667	EGOI data missing	23-MAY-2009 12:28:22.883	-	23-MAY-2009 12:42:52.448	869.56500	[sec]
MA orbit 73667	EGOI data missing	23-MAY-2009 11:40:00.576	-	23-MAY-2009 11:46:53.139	412.56300	[sec]
HO orbit 73668	EGOI data missing	23-MAY-2009 14:07:57.006	-	23-MAY-2009 14:21:12.621	795.61500	[sec]
SG orbit 73668	EGOI data missing	23-MAY-2009 14:23:59.301	-	23-MAY-2009 14:34:58.458	659.15700	[sec]
BE orbit 73669	EGOI data missing	23-MAY-2009 14:32:41.448	-	23-MAY-2009 14:45:52.163	790.71500	[sec]
GS orbit 73669	EGOI data missing	23-MAY-2009 14:59:34.223	-	23-MAY-2009 15:12:23.780	769.55700	[sec]
CM orbit 73669	EGOI data missing	23-MAY-2009 15:10:31.854	-	23-MAY-2009 15:17:36.436	424.58200	[sec]
MM orbit 73670	EGOI data missing	23-MAY-2009 17:17:52.392	-	23-MAY-2009 17:30:23.934	751.54200	[sec]
MI orbit 73670	EGOI data missing	23-MAY-2009 16:44:54.304	-	23-MAY-2009 16:57:08.579	734.27500	[sec]
GS orbit 73670	EGOI data missing	23-MAY-2009 16:38:47.540	-	23-MAY-2009 16:52:12.672	805.13200	[sec]
CM orbit 73670	EGOI data missing	23-MAY-2009 16:47:23.222	-	23-MAY-2009 16:59:31.458	728.23600	[sec]
MM orbit 73671	EGOI data missing	23-MAY-2009 18:57:00.607	-	23-MAY-2009 19:09:38.036	757.42900	[sec]
GS orbit 73671	EGOI data missing	23-MAY-2009 18:19:53.671	-	23-MAY-2009 18:27:14.798	441.12700	[sec]
JO orbit 73671	EGOI data missing	23-MAY-2009 19:18:19.645	-	23-MAY-2009 19:28:33.283	613.63800	[sec]
MM orbit 73672	EGOI data missing	23-MAY-2009 20:36:23.245	-	23-MAY-2009 20:49:07.248	764.00300	[sec]
JO orbit 73672	EGOI data missing	23-MAY-2009 20:55:35.770	-	23-MAY-2009 21:10:34.489	898.71900	[sec]
HO orbit 73673	EGOI data missing	23-MAY-2009 22:09:58.009	-	23-MAY-2009 22:20:56.317	658.30800	[sec]
JO orbit 73673	EGOI data missing	23-MAY-2009 22:37:32.161	-	23-MAY-2009 22:45:33.095	480.93400	[sec]
HO orbit 73674	EGOI data missing	23-MAY-2009 23:46:41.145	-	24-MAY-2009 00:01:06.906	865.76100	[sec]
MM orbit 73674	EGOI data missing	23-MAY-2009 23:57:20.930	-	24-MAY-2009 00:08:52.220	691.29000	[sec]
KS orbit 73665	EGOI data gap	23-MAY-2009 08:10:55.268	-	23-MAY-2009 08:21:28.097	632.82900	[sec]
KS orbit 73665	EGOI data gap	23-MAY-2009 08:22:05.599	-	23-MAY-2009 08:23:23.443	77.844000	[sec]
KS orbit 73666	EGOI data gap	23-MAY-2009 09:50:32.503	-	23-MAY-2009 09:52:51.125	138.62200	[sec]
KS orbit 73667	EGOI data gap	23-MAY-2009 11:30:04.682	-	23-MAY-2009 11:32:29.232	144.55000	[sec]
KS orbit 73668	EGOI data gap	23-MAY-2009 13:09:14.132	-	23-MAY-2009 13:11:32.841	138.70900	[sec]
KS orbit 73669	EGOI data gap	23-MAY-2009 14:47:54.577	-	23-MAY-2009 14:50:18.455	143.87800	[sec]
KS orbit 73670	EGOI data gap	23-MAY-2009 16:25:34.472	-	23-MAY-2009 16:27:59.562	145.09000	[sec]
KS orbit 73671	EGOI data gap	23-MAY-2009 18:03:21.502	-	23-MAY-2009 18:06:01.679	160.17700	[sec]
KS orbit 73672	EGOI data gap	23-MAY-2009 19:42:13.407	-	23-MAY-2009 19:44:11.303	117.89600	[sec]
KS orbit 73673	EGOI data gap	23-MAY-2009 21:22:49.746	-	23-MAY-2009 21:24:40.440	110.69400	[sec]
KS orbit 73674	EGOI data gap	23-MAY-2009 23:05:52.105	-	23-MAY-2009 23:07:30.602	98.497000	[sec]
MS orbit 73666	EGOI data gap	23-MAY-2009 10:06:04.971	-	23-MAY-2009 10:08:16.719	131.74800	[sec]
MS orbit 73667	EGOI data gap	23-MAY-2009 11:43:00.113	-	23-MAY-2009 11:45:27.810	147.69700	[sec]
MS orbit 73668	EGOI data gap	23-MAY-2009 13:24:37.356	-	23-MAY-2009 13:26:55.440	138.08400	[sec]
MS orbit 73674	EGOI data gap	23-MAY-2009 22:52:17.540	-	23-MAY-2009 22:54:09.515	111.97500	[sec]
MA orbit 73665	EGOI data gap	23-MAY-2009 08:20:07.085	-	23-MAY-2009 08:21:41.597	94.512000	[sec]
MA orbit 73666	EGOI data gap	23-MAY-2009 09:58:34.948	-	23-MAY-2009 10:00:21.172	106.22400	[sec]
MA orbit 73672	EGOI data gap	23-MAY-2009 19:36:04.544	-	23-MAY-2009 19:39:03.767	179.22300	[sec]
MA orbit 73673	EGOI data gap	23-MAY-2009 21:14:32.645	-	23-MAY-2009 21:17:07.393	154.74800	[sec]
MI orbit 73669	EGOI data gap	23-MAY-2009 15:05:55.411	-	23-MAY-2009 15:07:44.061	108.65000	[sec]
MM orbit 73665	EGOI data gap	23-MAY-2009 08:59:13.569	-	23-MAY-2009 09:00:26.827	73.258000	[sec]
MM orbit 73666	EGOI data gap	23-MAY-2009 10:39:26.161	-	23-MAY-2009 10:40:49.917	83.756000	[sec]
MM orbit 73667	EGOI data gap	23-MAY-2009 12:19:25.140	-	23-MAY-2009 12:20:49.028	83.888000	[sec]
MM orbit 73668	EGOI data gap	23-MAY-2009 13:59:09.944	-	23-MAY-2009 14:00:33.149	83.205000	[sec]
MM orbit 73669	EGOI data gap	23-MAY-2009 15:38:38.724	-	23-MAY-2009 15:40:02.269	83.545000	[sec]
MM orbit 73673	EGOI data gap	23-MAY-2009 22:16:23.815	-	23-MAY-2009 22:18:22.786	118.97100	[sec]
SG orbit 73668	EGOI data gap	23-MAY-2009 14:23:59.301	-	23-MAY-2009 14:26:19.807	140.50600	[sec]
SG orbit 73669	EGOI data gap	23-MAY-2009 16:02:02.614	-	23-MAY-2009 16:04:38.417	155.80300	[sec]

instrument info

EGOI 1 - GOME unpowered form 22-MAY-2009 21:09:44 t0 23-MAY-2009 11:17:59  
(Ref. ERS-2 Unavailability Report 2009020);

HO orbit 73660	EGOI data missing	23-MAY-2009 00:17:43.766	-	23-MAY-2009 00:32:21.926	878.16000	[sec]
HO orbit 73660	EGOI data missing	23-MAY-2009 00:29:18.003	-	23-MAY-2009 00:40:20.539	662.53600	[sec]
HO orbit 73661	EGOI data missing	23-MAY-2009 02:01:23.661	-	23-MAY-2009 02:09:30.571	486.91000	[sec]
MM orbit 73661	EGOI data missing	23-MAY-2009 02:11:39.297	-	23-MAY-2009 02:20:39.063	539.76600	[sec]
GS orbit 73661	EGOI data missing	23-MAY-2009 01:12:49.775	-	23-MAY-2009 01:23:34.869	645.09400	[sec]
BE orbit 73662	EGOI data missing	23-MAY-2009 03:15:55.647	-	23-MAY-2009 03:29:16.027	800.38000	[sec]
MM orbit 73662	EGOI data missing	23-MAY-2009 03:54:42.806	-	23-MAY-2009 04:01:23.728	400.92200	[sec]
MI orbit 73662	EGOI data missing	23-MAY-2009 02:45:41.313	-	23-MAY-2009 02:58:02.990	741.67700	[sec]
GS orbit 73662	EGOI data missing	23-MAY-2009 02:49:53.101	-	23-MAY-2009 03:03:49.026	835.92500	[sec]
SG orbit 73662	EGOI data missing	23-MAY-2009 03:26:54.319	-	23-MAY-2009 03:40:47.489	833.17000	[sec]

CM orbit 73662 EGOI data missing 23-MAY-2009 02:47:04.415 - 23-MAY-2009 02:54:14.444	430.02900 [sec]
CM orbit 73662 EGOI data missing 23-MAY-2009 04:23:24.815 - 23-MAY-2009 04:35:36.945	732.13000 [sec]
BE orbit 73663 EGOI data missing 23-MAY-2009 04:57:01.577 - 23-MAY-2009 05:04:59.167	477.59000 [sec]
MM orbit 73663 EGOI data missing 23-MAY-2009 05:37:21.539 - 23-MAY-2009 05:43:10.767	349.22800 [sec]
MI orbit 73663 EGOI data missing 23-MAY-2009 04:25:23.749 - 23-MAY-2009 04:36:54.473	690.72400 [sec]
GS orbit 73663 EGOI data missing 23-MAY-2009 04:31:44.538 - 23-MAY-2009 04:42:07.001	622.46300 [sec]
MM orbit 73664 EGOI data missing 23-MAY-2009 07:18:41.020 - 23-MAY-2009 07:26:08.466	447.44600 [sec]
KS orbit 73664 EGOI data missing 23-MAY-2009 06:31:41.551 - 23-MAY-2009 06:39:37.304	475.75300 [sec]
JO orbit 73664 EGOI data missing 23-MAY-2009 06:58:14.378 - 23-MAY-2009 07:10:06.651	712.27300 [sec]
JO orbit 73665 EGOI data missing 23-MAY-2009 08:35:37.771 - 23-MAY-2009 08:50:27.893	890.12200 [sec]

- coolers off, between before 08:21:42 (outside gs visibility) and after 09:11:39 (outside gs visibility)

detector temperatures out of range  
(max warm up channel 1 273.0)  
(max warm up channel 2 274.0)  
(max warm up channel 3 273.7)  
(max warm up channel 4 274.0)

3 - complete solar calibration measurements available  
start time 18:08:06.190, orbit 73671,  
(increase of intensity of PMD readouts during available  
solar calibration measurements data:  
14390 BU ->PMD2 readouts analysed with ERGO.

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GOME Daily Reports Analysis                      23 MAY                      2009  
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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