

MIPAS Mission Planning 2005

Date		First orbit	Last orbit	First Kiruna orbit	Last Kiruna orbit	LOS Prime orbit		LOS Backup orbit		RGC orbit			
											Orbit	ANX	UTC
1-Jan-05	Sat	14843	14857	14847	14856								
2-Jan-05	Sun	14858	14871	14861	14870								
3-Jan-05	Mon	14872	14885	14876	14884								
4-Jan-05	Tue	14886	14900	14890	14899								
5-Jan-05	Wed	14901	14914	14905	14913								
6-Jan-05	Thu	14915	14928	14919	14927								
7-Jan-05	Fri	14929	14943	14933	14942								
8-Jan-05	Sat	14944	14957	14947	14956	14947	14948						08-Jan-2005 06:37:05
													08-Jan-2005 09:55:48
9-Jan-05	Sun	14958	14971	14962	14971			14962	14963				
10-Jan-05	Mon	14972	14985	14976	14985					14980	14978	1500	10-Jan-2005 10:59:19
11-Jan-05	Tue	14986	15000	14990	14999					14994			
12-Jan-05	Wed	15001	15014	15005	15013					15009			
13-Jan-05	Thu	15015	15028	15019	15028						15021	1000	13-Jan-2005 10:57:50
14-Jan-05	Fri	15029	15043	15033	15042								
15-Jan-05	Sat	15044	15057	15047	15056	15047	15048						15-Jan-2005 06:16:10
													15-Jan-2005 09:36:21
16-Jan-05	Sun	15058	15071	15062	15071			15062	15063	15066	15064	1500	16-Jan-2005 11:10:49
17-Jan-05	Mon	15072	15086	15076	15085					15080			
18-Jan-05	Tue	15087	15100	15090	15099					15094			
19-Jan-05	Wed	15101	15114	15105	15114						15107	1000	19-Jan-2005 11:09:19
20-Jan-05	Thu	15115	15129	15119	15128								
21-Jan-05	Fri	15130	15143	15133	15142					15137	15135	1500	21-Jan-2005 10:13:20
22-Jan-05	Sat	15144	15157	15148	15156	15148	15149				15152	1000	22-Jan-2005 14:36:16
23-Jan-05	Sun	15158	15172	15162	15171			15162	15163	15166	15164	1500	23-Jan-2005 10:50:41
24-Jan-05	Mon	15173	15186	15176	15185						15179	1000	24-Jan-2005 11:52:26
25-Jan-05	Tue	15187	15200	15191	15199								
26-Jan-05	Wed	15201	15215	15205	15214								
27-Jan-05	Thu	15216	15229	15219	15228					15223	15221	1500	27-Jan-2005 10:24:49
28-Jan-05	Fri	15230	15243	15234	15242					15237	15242	1500	28-Jan-2005 21:37:24
29-Jan-05	Sat	15244	15257	15248	15257	15248	15249			15251			
30-Jan-05	Sun	15258	15272	15262	15271			15262	15263		15265	1000	30-Jan-2005 12:03:56
31-Jan-05	Mon	15273	15286	15276	15285								
1-Feb-05	Tue	15287	15300	15291	15300								
2-Feb-05	Wed	15301	15315	15305	15314								
3-Feb-05	Thu	15316	15329	15319	15328								

4-Feb-05	Fri	15330	15343	15334	15343								
5-Feb-05	Sat	15344	15358	15348	15357	15348	15349						05-Feb-2005 06:58:57
													05-Feb-2005 10:17:03
6-Feb-05	Sun	15359	15372	15362	15371			15362	15363		15364	1000	06-Feb-2005 10:02:07
											15372	2000	06-Feb-2005 23:44:40
7-Feb-05	Mon	15373	15386	15377	15385						15377	1550-2272	
											15378	1486-2280	
											15379	1000	
											15380	1000	
											15381	...	
											15382	1000	
											15382	1850	07-Feb-2005 16:28:10
8-Feb-05	Tue	15387	15401	15391	15400								
9-Feb-05	Wed	15402	15415	15406	15414								
10-Feb-05	Thu	15416	15429	15420	15428								
11-Feb-05	Fri	15430	15444	15434	15443					15436	15435	1000	11-Feb-2005 09:05:44
											15440	1500	11-Feb-2005 17:37:03
12-Feb-05	Sat	15445	15458	15448	15457	15448	15449			15451			12-Feb-2005 06:39:47
											15455	1500	12-Feb-2005 18:46:02
13-Feb-05	Sun	15459	15472	15463	15472			15463	15464	15464	15463	1000	13-Feb-2005 08:02:30
											15468	1500	13-Feb-2005 16:33:50
14-Feb-05	Mon	15473	15486	15477	15486					15479	15478	1000	14-Feb-2005 09:11:29
											15483	1500	14-Feb-2005 17:42:49
15-Feb-05	Tue	15487	15501	15491	15500					15493	15492	1000	15-Feb-2005 08:39:52
											15497	1500	15-Feb-2005 17:11:12
16-Feb-05	Wed	15502	15515	15506	15514					15507	15506	1000	16-Feb-2005 08:08:15
											15511	1500	16-Feb-2005 16:39:34
17-Feb-05	Thu	15516	15529	15520	15529					15522	15521	1000	17-Feb-2005 09:17:14
											15526	1500	17-Feb-2005 17:48:33
18-Feb-05	Fri	15530	15544	15534	15543					15536	15535	1000	18-Feb-2005 08:45:37
											15540	1500	18-Feb-2005 17:16:56
19-Feb-05	Sat	15545	15558	15548	15557	15548	15549			15551			19-Feb-2005 06:20:40
											15555	1500	19-Feb-2005 18:25:55
20-Feb-05	Sun	15559	15572	15563	15572			15563	15564	15565	15564	1000	20-Feb-2005 09:22:59
21-Feb-05	Mon	15573	15587	15577	15586					15579			
22-Feb-05	Tue	15588	15601	15591	15600					15593			
23-Feb-05	Wed	15602	15615	15606	15615						15606	1000	23-Feb-2005 07:48:08
24-Feb-05	Thu	15616	15630	15620	15629								
25-Feb-05	Fri	15631	15644	15634	15643								
26-Feb-05	Sat	15645	15658	15649	15657	15649	15650			15652			26-Feb-2005 07:41:12
											15655	1500	26-Feb-2005 18:05:48
27-Feb-05	Sun	15659	15673	15663	15672			15663	15664	15665	15664	1000	27-Feb-2005 09:02:52
											15669	1500	27-Feb-2005 17:34:11

28-Feb-05	Mon	15674	15687	15677	15686					15679	15678	1000	28-Feb-2005 08:31:15
											15683	1500	28-Feb-2005 17:02:34
1-Mar-05	Tue	15688	15701	15692	15700					15694	15693	1000	01-Mar-2005 09:40:13
2-Mar-05	Wed	15702	15716	15706	15715					15708			
3-Mar-05	Thu	15717	15730	15720	15729					15722			
4-Mar-05	Fri	15731	15744	15735	15743						15736	1500	04-Mar-2005 09:54:18

Event Driven Scenario

Scenario	Legend
	calibrations (LOS, RGC, IF cal)
	start measurement segment
	stop measurement segment
start LOS Prime	
stop LOS Prime	
start MA - Middle Atmosphere	
stop MA - Middle Atmosphere	
start LOS Prime	
stop LOS Prime	
start UTLS1 - Upper Tropo Lower Strato 1	
stop UTLS1 - Upper Tropo Lower Strato 1	
start UA - Upper Atmosphere	
stop UA - Upper Atmosphere	
start UTLS2 - Upper Tropo Lower Strato 2	
stop UTLS2 - Upper Tropo Lower Strato 2	
start NOM - fixed altitudes	
stop NOM fixed altitudes / start NOM floating altitudes	
stop NOM floating altitudes	

start LOS Prime
stop LOS Prime
start IF2 - Spectral Characterisation
stop IF2 - Spectral Characterisation / start NOM floating altitudes
IF16 - Limb Scanning Sequences in raw data mode
IF6 - CBB and DS SNR Characterisation
IF11 - Absence of High Resolution Features Verification in Gain
IF10 - NESR _n Verification
IF8 - Radiometric Calibration Characterisation
stop NOM floating altitudes
start NOM - floating altitudes
stop NOM - floating altitudes
start NOM - floating altitudes
stop NOM - floating altitudes
start NOM - floating altitudes
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