

H - ALPHA SOLAR FLARES

DECEMBER 1980

Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP Day	Dur (Min)	Imp	Obs Type	Area Measurement			Remarks
							cen Dist	Plage Region					Time (UT)	Appar (Disk)	Corr (Sq Deg)	
GRP90234	01	0010	0015 0022	0034	S11	E29	.518	17304	3.2	24	-F					EJ
VORO	01	0010	0015	0030	S10	E30	.527	17304	3.3	20	-F	C	0015	65	.8	EJ
YUNN	01	0015E	0022	0037	S12	E29	.523	17304	3.2	22D	-N	P		129	1.6	
235 YUNN	01	0018	0022	0033	N19	W38	.661	17294	28.2	15	-N	C		129	1.8	
GRP90236	01	0025+8	0032+3	0043	S08	E75	.967	17306	6.6	18	1F			100		DGJ
YUNN	01	0025	0032	0042	S09	E74	.963	17306	6.6	17	1N	C		80		
VORO	01	0032	0035	0045	S08	E75	.967	17306	6.6	13	1F	C	0035	108		DJ
MITK	01	0033	0035	0043	S08	E80	.985	17306	7.0	10	1F	C	0035	110		G
GRP90237	01	0310>9	0328+3	0350	N23	E13	.430	17298	2.1	40	-N					E
CULG	01	0310	0328	0356	N22	E14	.424	17298	2.2	46	-N	C	0328	80	.9	E
PURP	01	0322	0331	0344	N24	E13	.443	17298	2.1	22	-N	C				E
GRP90238	01	0420+3	0426+2	0453	N19	W38	.661	17294	28.3	33	-N					E
MITK	01	0420	0426	0452	N19	W38	.661	17294	28.3	32	-N	C	0426			E
YUNN	01	0423	0428	0454	N20	W38	.666	17294	28.3	31	1N	C		321	4.5	
CULG	01	0436E	0437U	0453	N19	W38	.661	17294	28.3	17D	-N	P	0437	90	1.2	
GRP90239	01	0451+1	0454+0	0500	S10	E37	.621	17305	4.0	9	-N					
YUNN	01	0451D	0454	0500	S09	E37	.618	17305	4.0	9D	1N	P		241	3.2	
CULG	01	0452	0454	0456D	S11	E38	.638	17305	4.1	4D	-N	P	0454	80	1.0	
240 YUNN	01	0533	0543	0610	S11	E28	.504	17304	3.3	37	-N	C		80	1.0	
GRP90241	01	0557+5	0603+3	0621	N13	W13	.303	17295	30.3	24	-N					E
YUNN	01	0557D	0603	0615	N13	W13	.303	17295	30.3	18D	-N	P		96	1.0	
ABST	01	0601	0606	0636	N13	W13	.303	17295	30.3	35	1F	C	0605	262	2.8	E
MITK	01	0602	0606	0621	N13	W14	.316	17295	30.2	19	-N	C	0606			E
242 ABST	01	0622	0626	0651	N21	W39	.682	17294	28.3	29	?F	C	0626	244	3.5	EJ
IMP.1 NO : YUNN PURP MITK LEAR																
GRP90243	01	0624+3	0627+3	0653	S12	E27	.496	17304	3.3	29	-B					EJ
ABST	01	0624	0628	0710	S13	E27	.503	17304	3.3	46	1N	C	0628	253	3.0	EJ
LEAR	01	0626	0627	0630D	S11	E24	.449	17304	3.1	4D	-B	3 C		79		
PURP	01	0627	0630	0641	S12	E27	.496	17304	3.3	14	1B	C				
MITK	01	0627	0628	0644	S12	E28	.510	17304	3.4	17	-N	C	0628			E
ISTA	01	0630E	0659	0659	S12	E27	.496	17304	3.3	29D	-B					H
YUNN	01	0643E	0645	0655	S12	E27	.496	17304	3.3	12D	1N	P		193	2.3	
GRP90244	01	0705>9	0716+5	0743	N15	W37	.631	17294	28.5	38	-N			110	1.4	J
YUNN	01	0705	0720	0730	N15	W37	.631	17294	28.5	25	-N	C		129	1.7	
ABST	01	0712	0716	0736	N14	W36	.615	17294	28.6	24	-N	C	0716	148	1.9	EJ
ABST	01	0714	0721	0756	N19	W39	.673	17294	28.4	42	-F	C	0721	79	1.1	DJ
LEAR	01	0715	0718	0720D	N13	W35	.598	17294	28.7	5D	-B	3 C		96		D
245 ABST	01	0841	0847	0904D	N13	W14	.316	17295	30.3	23D	-N	P	0847	166	1.8	EJ
246 ABST	01	0846	0850	0904	S06	E19	.345	17304	2.8	18	-F	P	0850	70	.8	DJ
GRP90247	01	1125>9	1137+1	1156	N14	W42	.689	17294	28.3	31	-N			70	1.0	E
HTPR	01	1125	1137	1200	N17	W49	.775	17294	27.8	35	-F	C	1137	20	.3	
HTPR	01	1126	1138	1155	N14	W40	.665	17294	28.5	29	-B	C	1138	60	.8	E
WEND	01	1135	1137	1152	N12	W39	.646	17294	28.6	17	-N	C	1137	56	.8	
248 HTPR	01	1231	1232	1239	N19	W38	.661	17292	28.7	8	-F	C	1232	30	.4	
GRP90249	01	1254+1	1259+4	1316	S11	E24	.449	17304	3.3	22	-F			30	.3	
WEND	01	1254	1259	1313	S12	E25	.469	17304	3.4	19	-F	C	1259	31	.4	
RAMY	01	1255	1303	1318	S11	E24	.449	17304	3.3	23	-F	3 C		28		
250 HTPR	01	1415	1420	1430	N24	E09	.418	17298	2.3	15	-N	C	1420	40	.4	E
GRP90251	01	1802+2	1806+0	1854	S13	E22	.436	17304	3.4	52	-N			170	1.9	
HOLL	01	1802	1806	1854	S13	E22	.436	17304	3.4	52	-N	3 C		136		
BIGB	01	1804	1806	1854	S13	E22	.436	17304	3.4	50	1N	3 C	1806	195	2.2	

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP Day	Dur (Min)	Imp	Obs Type	Area Measurement			Remarks	
							Cen Dist	Plage Region					Time (UT)	Appar (Disk)	Corr (Sq Deg)		
GRP90252	01	1839+2	1842+2	1911	N23	E07	.393	17298	2.3	32	-N						
HOLL	01	1839	1842	1912	N23	E09	.403	17298	2.5	33	-N	3 C		147			
BIGB	01	1841	1844	1910	N24	E06	.404	17298	2.2	29	-N	3 C	1842	60	.6		
GRP90253	01	1924+0	1931+6	1957	S11	E21	.407	17304	3.4	33	-B			150	1.6	D	
HOLL	01	1924	1931	1958	S11	E20	.394	17304	3.3	34	-B	3 C		167		D	
BIGB	01	1924	1937	1955	S12	E22	.429	17304	3.5	31	-B	3 C	1937	130	1.4		
254	BIGB	01	2335	2345	2345D	S13	E18	.385	17304	3.3	10D	-F	3 P	2345	160	1.7	
255	YUNN	02	0015E	0015	0040	S15	E17	.392	17304	3.3	25D	2N	P		482	5.3	
256	YUNN	02	0116	0125	0205	S33	W55	.881	17293	27.9	49	-N	C		32	.7	
257	YUNN	02	0135	0143	0203	N15	W45	.727	17294	28.7	28	-N	C		80	1.2	
258	PEKG	02	0210	0234	0250	S14	E13	.335	17304	3.1	40	?N	C	0234	378	4.1	UZ
			IMP.1	NO :	YUNN	PURP											
259	LEAR	02	0330	0336	0340	S09	E25	.450	17305	4.0	10	-F	3 C		21		
260	LEAR	02	0335	0338	0358	N25	E03	.413	17298	2.4	23	-F	3 C		69		
GRP90261	02	0423+1	0425+1	0436	N25	E01	.411	17298	2.3	13	-N						
PURP	02	0423	0426	0433	N25	E00	.410	17298	2.2	10	1N	C					
LEAR	02	0424	0425	0439	N25	E02	.411	17298	2.3	15	-N	3 C		66			
262	YUNN	02	0441	0443	0447	S08	W76	.971	17289	26.5	6	-F	C		48		
263	YUNN	02	0456	0507	0516	S12	E18	.374	17304	3.6	20	-F	C		48	.5	
264	LEAR	02	0519	0520	0525	N16	W54	.823	17294	28.2	6	-F	3 C		27		
GRP90265	02	0535+1	0627+7	0702	S13	E13	.323	17304	3.2	87	1N						
YUNN	02	0521	0629	0718	S14	E14	.346	17304	3.3	117	2N	C		562	6.3	EK	
PURP	02	0535	0627	0645	S13	E15	.330	17304	3.4	70	1N	P				EFK	
LEAR	02	0536	0628	0631D	S13	E13	.323	17304	3.2	55D	1B	4 C		456			
ATHN	02	0630E	0634	0906	S11	E12	.288	17304	3.2	156D	-N	3 V	0634	111	1.2		
ABST	02	0632E	0632	0646D	S15	E12	.338	17304	3.2	14D	-F	P	0632	175	1.9	BE	
266	YUNN	02	0555	0603	0620	N21	W58	.866	17294	27.9	25	-N	C		16	.3	
267	YUNN	02	0638	0647	0652	N14	W58	.856	17294	27.9	14	-N	C		48	1.0	
268	YUNN	02	0711	0715	0720	N18	W56	.844	17294	28.1	9	-N	C		64	1.3	
269	CATA	02	0735	0740	0745	N15	W58	.857	17294	28.0	10	-F	2 C	0740	84	1.7	
270	CATA	02	0745	0750	0805	N13	W56	.837	17294	28.1	20	?F	2 C	0750	253	4.8	
			IMP.1	NO :	YUNN												
GRP90271	02	0806+9	0815+1	0824	N16	W55	.832	17294	28.2	18	1F						
LEAR	02	0806	0816	0823	N16	W55	.832	17294	28.2	17	-N	3 C		89			E
ABST	02	0814E	0816	0822D	N16	W54	.823	17294	28.3	8D	1F	P	0816	131	2.4	E	
CATA	02	0815	0815	0825	N17	W57	.851	17294	28.1	10	1F	2 C	0815	112	2.2		
272	YUNN	02	0854	0854	0859	S09	E23	.421	17305	4.1	5	-N	C		32	.4	
273	LEAR	02	1014	1014	1022	N19	W51	.800	17292	28.6	8	-F	3 C		25		
GRP90274	02	1044+2	1046+2	1102	S12	E11	.289	17304	3.3	18	-N			45	.5	EL	
HTPR	02	1044	1047	1105	S12	E14	.324	17304	3.5	21	-B	C	1047	50	.5	E	
KANZ	02	1046	1046	1102	S12	E11	.289	17304	3.3	16	-N	2				L	
WEND	02	1046	1048	1059	S12	E11	.289	17304	3.3	13	-N	C	1048	38	.4	E	
GRP90275	02	1115+5	1123>9	1216	S13	E11	.302	17304	3.3	61	1B			340	3.5	HKL	
CATA	02	1045	1128	1220D	S13	E10	.292	17304	3.2	95D	1F	2 P	1128	393	4.2	H	
HTPR	02	1115		1142D	S13	E14	.335	17304	3.5	27D	1B	C	1135	400	4.0	EK	
WEND	02	1116	1133	1230D	S13	E11	.302	17304	3.3	74D	1B	C	1133	244	2.6	F	
KANZ	02	1118	1130	1211	S13	E11	.302	17304	3.3	53	1B	3				L	
ATHN	02	1120	1123	1212	S11	E12	.288	17304	3.4	52	-B	3 V	1123	159	1.7		

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							Cen Dist	Plage Region	CMP Day					Appar (Disk)	Corr (Sq Deg)		
GRP90276	02	1202+2	1204+3	1212	N16	W55	.832	17294	28.4	10	-F						
RAMY	02	1202	1207	1215	N17	W55	.834	17294	28.4	13	-F			24			
KANZ	02	1204	1204	1208	N16	W56	.841	17294	28.3	4	-F						
GRP90277	02	1235>9	1244+7	1330	S13	E09	.283	17304	3.2	55	1N			350	3.6	FHL	
KANZ	02	1235	1247	1326	S13	E09	.283	17304	3.2	51	1N	*				L	
WEND	02	1239	1251	1316D	S14	E09	.297	17304	3.2	37D	1N	* C	1251	281	3.0	F	
ATHN	02	1240E	1244	1334	S11	E12	.288	17304	3.4	54D	-B	* V	1244	127	1.4		
CATA	02	1245	1250	1320D	S13	E10	.292	17304	3.3	35D	1F	* P	1250	422	4.5	H	
GRP90278	02	1237+2	1247+1	1252	N16	W60	.875	17294	28.0	15	-F						
RAMY	02	1237	1248	1252	N16	W60	.875	17294	28.0	15	-N	3 C		38			
KANZ	02	1239	1247	1251	N16	W61	.883	17294	28.0	12	-F	3					
GRP90279	02	1330>9	1342+4	1447	S14	E10	.306	17304	3.3	77	1B					DL	
RAMY	02	1153E	1342	1447	S14	E07	.281	17304	3.0	174D	2B	* C		581		D	
KANZ	02	1330	1346	1406D	S14	E10	.306	17304	3.3	36D	1N	*				L	
ATHN	02	1343	1346	1352D	S11	E10	.266	17304	3.3	9D	1B	* V	1346	255	2.8		
280	HOLL	02	1658	1700	1741	N13	W32	.559	17295	30.3	43	-F	3 C		48		
GRP90281	02	1713+0	1718+3	1738	S10	E13	.290	17305	3.7	25	-F			90	.9		
BIGB	02	1713	1718	1737	S10	E14	.303	17305	3.8	24	-F	2 C	1718	130	1.4		
HOLL	02	1713	1721	1738	S10	E13	.290	17305	3.7	25	-F	3 C		64			
282	HOLL	02	1739	1753	1807	S15	E10	.319	17304	3.5	28	-F	3 C		34		
283	HOLL	02	1825	1826	1842	N12	W32	.554	17295	30.4	17	-F	3 C		26		
GRP90284	02	1825+2	1829	1939	S15	E06	.290	17304	3.2	74	-N			140	1.5		
			1923+0														
HOLL	02	1825	2000	2036	S12	E03	.227	17304	3.0	131	-N	3 C		139			
BIGB	02	1827	1829	1848	S15	E10	.319	17304	3.5	21	-F	2 C	1829	60	.6		
BIGB	02	1921	1923	1929	S16	E07	.311	17304	3.3	8	-N	2 C	1923	160	1.6		
RAMY	02	1921E	1923U	1939D	S15	E06	.290	17304	3.3	18D	-N	3 C		132			
285	HOLL	02	1933	1935	1943	N15	E07	.272	17301	3.3	10	-F	3 C		84		
GRP90286	02	2008+0	2015+1	2038	S08	E81	.988	17310	8.9	30	-F						
HOLL	02	2008	2015	2038	S09	E81	.988	17310	8.9	30	-F	3 C					
BIGB	02	2008	2016	2037	S08	E81	.988	17310	8.9	29	-F	2 C	2018	130			
287	HOLL	02	2037	2038	2100	S09	E12	.266	17305	3.8	23	-F	3 C		28		
GRP90288	02	2241+7	2251+7	2330	S12	E05	.237	17304	3.3	49	-N			100	1.0		
HOLL	02	2241	2256	2335D	S12	E06	.244	17304	3.4	54D	-N	* C		100			
BIGB	02	2248	2251	2310	S15	E05	.285	17304	3.3	22	-F	* C	2251	120	1.2		
LEAR	02	2258	2258	2330	S11	E01	.205	17304	3.0	32	-N	* C		22			
289	HOLL	02	2242	2243	2307	S07	E74	.962	17310	8.5	25	-N	3 C				
	02	2346	2347	NO FLARE PATROL													
GRP90290	02	2353+1	0004+2	0048	S14	E02	.257	17304	3.1	55	1N					JL	
			2425														
YUNN	03	0000E	0025	0050	S14	E02	.255	17304	3.1	50D	1N	P		401	4.3		
LEAR	02	2353	2406	0041	S11	E00	.204	17304	3.0	48	1B	3 C		335		D	
VORO	02	2354	2404	0048	S14	E02	.257	17304	3.1	54	1N	C	2440	358	3.8	EJL	
GRP90291	03	0019+3	0024+2	0035	N19	W65	.915	17294	28.1	16	1N			110		E	
LEAR	03	0019	0024	0040	N17	W63	.899	17294	28.3	21	-N	3 C		105			
YUNN	03	0020	0025	0035	N20	W69	.940	17294	27.8	15	1N	C		96			
VORO	03	0022	0026	0032	N19	W65	.915	17294	28.1	10	1F	C	0026	134		E	
GRP90292	03	0128+6	0138+7	0158	S13	E01	.237	17304	3.1	30	-N			120	1.2	JL	
YUNN	03	0128	0143	0158	S14	E02	.255	17304	3.2	30	-N	C		129	1.4		
LEAR	03	0133	0138	0158	S11	W01	.203	17304	3.0	25	-B	3 C		63		D	
VORO	03	0134	0138	0200	S12	E02	.222	17304	3.2	26	-F	C	0138	108	1.1	EJL	
PEKG	03	0142	0145	0155	S14	E01	.253	17304	3.1	13	1F	C	0145	315	3.4	F	
293	LEAR	03	0446	0449	0454	S12	E19	.386	17309	4.6	8	-F	3 C		26		

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294	LEAR	03 0644	0658	0713	S10	E08	.230	17305	3.9	29	-F	3 C		72		
295	LEAR	03 0728	0731	0735	N17	W67	.926	17294	28.3	7	-F	3 C		13		
GRP90296	03 0733	>9 0755+0	0802	S10	W04	.197	17304	3.0	29	-F				50	.5	
	LEAR	03 0733	0755	0804	S13	W02	.238	17304	3.2	31	-N	3 C		70		
	CATA	03 0755	0755	0800	S07	W07	.180	17304	2.8	5	-F	2 C	0755	28	.3	
297	LEAR	03 0912	0913	0928	S12	E16	.347	17309	4.6	16	-F	3 C		59		
298	LEAR	03 0924	0935	0953	N21	W62	.897	17292	28.7	29	-F	3 C		58		
299	HTPR	03 1057	1107	1113	S08	W14	.283	17304	2.4	16	-N	C	1107	60	.6	
		03 1337	1418	NO FLARE PATROL												
300	HOLL	03 1454	1457	1507	N22	W14	.428	17298	2.6	13	-F	3 C		43		
GRP90301	03 1711+3	1726+2	1754	S10	E11	.263	17309	4.5	43	-F						
	HOLL	03 1711	1726	1758	S10	E12	.276	17309	4.6	47	-N	3 C		58		
	BIGB	03 1714	1728	1749	S11	E11	.275	17309	4.5	35	-F	3 C	1728	160	1.7	
GRP90302	03 1910+3	1912+3	1937	S08	W12	.255	17304	2.9	27	-N				100	1.0	
	HOLL	03 1910	1912	1937	S12	W09	.267	17304	3.1	27	-N	3 C		107		
	BIGB	03 1910	1914	1942	S07	W14	.274	17304	2.7	32	-N	3 C	1913	90	.9	
	RAMY	03 1911	1915	1915D	S07	W14	.274	17304	2.7	4D	1N	3 C		325		
	PALE	03 1913	1913	1916	S10	W11	.263	17304	3.0	3	-F	3 C		34		
303	HOLL	03 1913	1917	1932	N24	W16	.470	17298	2.6	19	-F	3 C		41		
304	HOLL	03 1921	1922	1928	N10	W06	.192	17301	3.4	7	-F	3 C		26		
305	HOLL	03 1936	1956	2024	S09	E00	.168	17305	3.8	48	-F	3 C		63		
306	HOLL	03 2012	2023	2029	S07	W14	.274	17304	2.8	17	-N	3 C		29		
307	HOLL	03 2133	2133	2138	S08	W15	.297	17304	2.8	5	-F	3 C		22		
GRP90308	03 2133+1	2134+3	2153	S30	E35	.711	17308	6.5	20	-N						
	BIGB	03 2133	2134	2150	S30	E36	.719	17308	6.6	17	-N	3 C	2134	120	1.5	
	HOLL	03 2134	2137	2155	S30	E35	.711	17308	6.5	21	-N	3 C		49		
GRP90309	03 2135+3	2140+3	2200	N23	W18	.475	17298	2.5	25	-F				90	1.0	
	BIGB	03 2135	2143	2158	N23	W19	.485	17298	2.5	23	-F	3 C	2143	120	1.3	
	HOLL	03 2138	2140	2201	N23	W18	.475	17298	2.6	23	-N	3 C		62		
310	HOLL	03 2154	2155	2239	S12	W11	.288	17304	3.1	45	-N	3 C		44		
GRP90311	03 2242+8	2252+4	2314	N22	W18	.464	17298	2.6	32	-F				90	1.0	
	LEAR	03 2242	2256	2309	N22	W18	.464	17298	2.6	27	-F	3 C		132		
	HOLL	03 2250	2252	2318	N22	W18	.464	17298	2.6	28	-N	3 C		55		
312	HOLL	03 2250	2255	2308	N17	W77	.976	17294	28.2	18	-F	3 C				
GRP90313	03 2256+9	2306+2	2345	S09	W16	.319	17304	2.8	49	-N				90	.9	E
		2319+1														
	LEAR	03 2256	2307	2350	S08	W16	.311	17304	2.8	54	-N	3 C		129		
	HOLL	03 2301	2306	2331D	S08	W16	.311	17304	2.8	30D	-B	3 C		56		
	BIGB	03 2302	2308	0015	S08	W17	.326	17304	2.7	73	-N	3 C	2308	120	1.3	
	MITK	03 2306E	2308	2322	S08	W18	.341	17304	2.6	16D	-N	C	2308			E
	PALE	03 2306	2307	2311	S08	W16	.311	17304	2.8	5	-F	3 C		30		
	MITK	03 2310	2319	2340	S14	W14	.345	17304	2.9	30	-F	C	2319			E
	PALE	03 2317	2320	2331	S14	W12	.323	17304	3.1	14	-F	3 C		48		D
GRP90314	03 2350+9	2350	0011	N23	W18	.475	17298	2.6	21	-N						
		2410														
	YUNN	04 0000	0010	0015	N24	W18	.489	17298	2.7	15	-N	C		48	.6	
	LEAR	03 2350	2350	0006	N22	W18	.464	17298	2.6	16	-N	3 C		34		
315	YUNN	04 0034E	0035	0036	S10	W05	.202	17305	3.6	2D	-N	P		32	.3	

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP Day	Dur (Min)	Imp	Obs Type	Area Measurement			Remarks	
							Dist	Region					Time (UT)	Appar (Disk)	Corr (Sq Deg)		
GRP90316	04	0115+5	0116+2 0125+1	0135	S11	W14	.310	17304	3.0	20	-N		50	.5			
CULG	04	0115	0116	0133U	S11	W15	.323	17304	2.9	18D	-F	C	0116	70	.7		
LEAR	04	0117	0118	0134	S11	W14	.310	17304	3.0	17	-N	3 C		41			
YUNN	04	0120	0125	0135D	S11	W13	.298	17304	3.1	15D	-N	P		80	.9		
MANI	04	0122E	0126U	0136D	S13	W15	.344	17304	2.9	14D	-F	1 V		25	.3		
GRP90317	04	0139	0147 0200	0210D	S10	W18	.355	17304	2.7	31	-N					F	
CULG	04	0139	0147	0159	S12	W15	.333	17304	2.9	20	-N	C	0147	170	1.8	F	
CULG	04	0157	0200	0210U	S08	W21	.384	17304	2.5	13D	-F	* C	0200	60	.7		
318	CULG	04	0141	0145	0157	N13	W50	.778	17295	30.3	16	-F	C	0145	40	.7	
319	CULG	04	0144	0149	0205	S10	W03	.190	17305	3.8	21	-F	C	0149	40	.4	
320	LEAR	04	0155	0200	0211	N23	W33	.631	17296	1.6	16	-F	3 C		34		
321	CULG	04	0234	0234E	0245	N04	W14	.249	17301	3.1	11	-N	P	0234	60	.6	
322	CULG	04	0234E	0234E	0249U	S11	W15	.323	17304	3.0	15D	-N	P	0234	150	1.6	FB
GRP90323	04	0307	0314	0334	S10	W16	.327	17304	2.9	27	-N			35	.4		
LEAR	04	0307	0314	0334	S11	W15	.323	17304	3.0	27	-N	3 C		54			
YUNN	04	0315E	0315	0315D	S10	W17	.341	17304	2.9		-N	P		16	.2		
GRP90324	04	0310	0314	0330	N16	W79	.983	17294	28.2	20	-N						
LEAR	04	0310	0314	0335	N16	W79	.983	17294	28.2	25	-N	3 C					
YUNN	04	0315E	0315	0325	N16	W80	.986	17294	28.1	10D	-N	P		32			
GRP90325	04	0334+1	0335+1	0342	N13	W49	.767	17295	30.5	8	-N			50	.8	DJ	
PEKG	04	0334	0335	0337	N13	W49	.767	17295	30.5	3	-F	C	0336	42	.7	D	
LEAR	04	0334	0335	0346	N13	W51	.788	17295	30.3	12	-B	3 C		71			
VORO	04	0335	0336	0342	N12	W49	.765	17295	30.5	7	-F	C	0336	45	.7	DJ	
326	LEAR	04	0337	0342	0345	S12	W13	.309	17304	3.2	8	-N	3 C		27		
327	CULG	04	0359	0407	0425	S08	W20	.370	17304	2.7	26	-N	C	0407	120	1.3	
GRP90328	04	0404+3	0407+0	0415	S09	W02	.169	17305	4.0	11	-N						
CULG	04	0404	0407	0416	S09	W02	.169	17305	4.0	12	-N	C	0407	80	.8		
LEAR	04	0407	0407	0413	S09	W02	.169	17305	4.0	6	-N	3 C		22			
329	CULG	04	0427	0429	0438	S08	W20	.370	17304	2.7	11	-F	C	0429	130	1.4	H
330	CULG	04	0434	0437	0443	S09	W02	.169	17305	4.0	9	-F	C	0437	30	.3	
GRP90331	04	0450>9	0458 0510	0532	S10	W17	.341	17304	2.9	42	-N						HJ
CULG	04	0450	0458	0520	S08	W20	.370	17304	2.7	30	1N	C	0458	300	3.3	HJ	
LEAR	04	0506	0510	0525	S11	W16	.336	17304	3.0	19	-N	3 C		21			
CULG	04	0515	0519	0539	S12	W15	.333	17304	3.1	24	-N	C	0519	100	1.1	T	
GRP90332	04	0605+8	0613+3	0624	S12	W13	.309	17304	3.3	19	-N						DJ
YUNN	04	0605D	0615	0625	S12	W13	.309	17304	3.3	20D	1N	P		369	4.0		
CULG	04	0610	0614	0640	S12	W13	.309	17304	3.3	30	-B	C	0614	160	1.7	JT	
LEAR	04	0612	0613	0622	S13	W13	.320	17304	3.3	10	-B	3 C		48			
PEKG	04	0613	0616	0621	S13	W13	.320	17304	3.3	8	-N	C	0616	55	.6	D	
333	CULG	04	0638	0641	0655	N23	W22	.515	17298	2.6	17	-F	C	0641	50	.6	
334	CULG	04	0642	0650	0654	N28	E34	.677	17302	6.8	12	-F	C	0650	30	.4	
335	YUNN	04	0721	0726	0730	S12	W14	.321	17304	3.3	9	-N	C		80	.9	
336	CATA	04	0940	0940	0950	S08	W25	.444	17304	2.5	10	-F	2 C	0940	84	1.0	
337	KANZ	04	1220	1224	1232	S12	W16	.346	17304	3.3	12	-N	1				
338	HOLL	04	1646	1646	1730	S12	W22	.425	17304	3.0	44	-N	3 C		27		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Hale Plage Region	CMP Day	Dur (Min)	Obs Imp	Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks	
GRP90339	04	1852+9	1903+0	1910D	S12	W22	.425	17304	3.1	18	-N			45	.5		
HOLL	04	1852	1903	1946	S12	W22	.425	17304	3.1	54	-N	3 C		56			
RAMY	04	1902	1903	1910	S12	W22	.425	17304	3.1	8	-N	3 C		30			
340	CULG	04	2300	2302	2305	N22	W32	.613	17298	2.6	5	-F	C	2302	40	.5	
341	CULG	04	2306	2307	2312	N12	W21	.403	17301	3.4	6	-F	C	2307	40	.4	
342	CULG	04	2309	2315	2329	S13	W26	.487	17304	3.0	20	-F	C	2315	40	.5	T
343	CULG	04	2323	2327	2337	N27	E24	.575	17302	6.8	14	-F	C	2327	60	.7	
344	CULG	05	0006	0010	0021	N12	W22	.418	17301	3.4	15	-F	C	0010	20	.2	
345	CULG	05	0021	0029	0041	S11	W26	.473	17304	3.1	20	-N	C	0029	60	.7	
346	CULG	05	0134	0146	0200D	S18	W19	.442		3.6	26D	-N	C	0146	140	1.6	F
347	LEAR	05	0154	0201	0215	S13	W30	.539	17304	2.8	21	-N	3 C		68		
348	LEAR	05	0443	0445	0503	S11	E49	.766	17310	8.9	20	?N	3 C		190		
			IMP.1	NO : MITK	YUNN												
GRP90349	05	0612+2	0618+1	0653	S13	E50	.781	17310	9.0	41	1F			190	3.0		
ABST	05	0612	0619	0657	S12	E49	.768	17310	8.9	45	1F	C	0619	192	3.0	F	
MITK	05	0613		0644	S13	E50	.781	17310	9.0	31	1F	C	0614	270	4.4	E	
LEAR	05	0614	0618	0653	S14	E50	.783	17310	9.0	39	-N	3 C		71			
GRP90350	05	1126	1128	1140	S11	W33	.570	17304	3.0	14	-F						
LVOV	05	1126	1128	1145	S12	W34	.587	17304	2.9	19	-F	C	1128	150	1.8	D	
HTPR	05	1132E		1135	S10	W32	.552	17304	3.1	3D	-N	C	1132	50	.6	D	
351	HOLL	05	1501	1529	1538	S12	W35	.600	17304	3.0	37	-F	2 C		51		
352	HOLL	05	1617	1618	1629	S13	W34	.592	17304	3.1	12	-F	2 C		22		
353	HOLL	05	1621	1627	1643	S11	W25	.459	17305	3.8	22	-F	3 C		25		
354	HOLL	05	1718	1718	1721	S11	E38	.635	17310	8.6	3	-F	3 C		28		
355	CULG	05	2059	2146U	2323U	S12	W38	.639	17304	3.0	144D	1N	C	2146	160	2.1	FTJ
356	CULG	05	2144	2155	2221	S18	W29	.558		3.7	37	-F	C	2155	60	.7	
357	CULG	05	2145	2154	2209	S32	E08	.549	17308	6.5	24	-N	C	2154	130	1.5	G
358	CULG	05	2217	2220	2228	N22	W43	.733	17298	2.7	11	-F	C	2220	30	.4	
GRP90359	06	0005+2	0010+6	0035	S11	W40	.660	17304	3.0	30	-N						
CULG	06	0005	0016	0047	S11	W42	.685	17304	2.9	42	1F	C	0016	170	2.3	L	
LEAR	06	0007	0010	0024	S11	W38	.635	17304	3.2	17	-N	3 C		55		TLF	
YUNN	06	0014E	0015	0035	S12	W40	.663	17304	3.0	21D	-N	P		96	1.3	E	
GRP90360	06	0306+1	0309+2	0324	S12	W41	.676	17304	3.1	18	-N			30	.4		
LEAR	06	0306	0309	0318	S12	W40	.663	17304	3.1	12	-N	3 C		26			
YUNN	06	0307	0311	0330	S12	W42	.688	17304	3.0	23	-N	C		32	.5		
GRP90361	06	0410+3	0413+2	0425	S08	E06	.177	17306	6.6	15	-F			35	.4	EG	
YUNN	06	0410D	0415	0435	S08	E05	.168	17306	6.5	25D	-F	P		48	.5		
MITK	06	0412	0413	0423	S08	E06	.177	17306	6.6	11	-F	C	0413			EG	
LEAR	06	0413	0415	0425	S07	E06	.164	17306	6.6	12	-F	3 C		22			
GRP90362	06	0434+0	0439+2	0509	S11	W44	.709	17304	2.9	35	-N			130	1.8	E	
YUNN	06	0434	0439	0500	S12	W44	.712	17304	2.9	26	-N	C		96	1.4	E	
CULG	06	0434	0441	0518	S11	W44	.709	17304	2.9	44	1F	C	0441	160	2.2		
363	YUNN	06	0953	0957	1005	S10	W44	.707	17304	3.1	12	-N	C		64	1.0	
GRP90364	06	1013+7	1035	1050	S31	E01	.519	17308	6.5	37	-F			80	.9	E	
HTPR	06	1013		1043D	S31	E01	.519	17308	6.5	30D	-N	C	1032	60	.7	E	
CATA	06	1020	1035	1050	S31	E01	.519	17308	6.5	30	-F	2 C	1035	112	1.4		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
365	CATA	06 1135	1135	1155	S14	W45	.729	17304	3.1	20	-F	2 C	1135	84	1.3	
		06 1403	1457	NO FLARE PATROL												
366	HTPR	06 1458E		1518	S12	W46	.735	17304	3.2	20D	-F	C	1503	100	1.4	EK
		06 1522	1555	NO FLARE PATROL												
GRP90367	06	2150>9	2214+5	2237D	S15	W51	.795	17304	3.1	47	1N			280	4.6	F
	CULG	06 2150	2219U	2309	S13	W53	.811	17304	2.9	79	2N	C	2219	380	6.5	F
	BIGB	06 2201	2214	2237	S18	W49	.783	17304	3.2	36	1N	3 C	2214	190	3.0	
368	CULG	06 2250	2256	2303	N26	W63	.912	17298	2.2	13	-F	C	2256	80	1.8	
369	CULG	07 0010	0017	0030	S10	W55	.825	17304	2.9	20	?F	C	0017	120	2.2	
			IMP.1	NO : MITK YUNN												
370	CULG	07 0040	0105	0125U	S11	E03	.200	17312	7.3	45D	-F	C	0105	60	.6	H
371	YUNN	07 0042	0047	0057	N25	W60	.891	17298	2.5	15	?N	C		96		
			IMP.1	NO : CULG MITK												
GRP90372	07	0146	0156+6	0212	N14	E76	.972	17321	12.8	26	-N					
	YUNN	07 0146	0156	0206	N14	E76	.972	17321	12.8	20	1N	C		113		
	LEAR	07 0156E	0202U	0218	N15	E76	.972	17321	12.8	22D	-N	3 C				
373	YUNN	07 0146	0156	0201	N25	W60	.891	17298	2.6	15	?N	C		96		
			IMP.1	NO : MITK CULG LEAR												
374	CULG	07 0155	0206U	0238	S29	W10	.510	17308	6.3	43	-F	C	0206	60	.7	
375	CULG	07 0256	0257	0302	S08	W56	.833	17304	2.9	6	-F	C	0257	40	.7	
GRP90376	07	0314+7	0321+4	0341	N15	W21	.431	17303	5.6	27	-F			90	1.0	EGJ
	YUNN	07 0314	0324	0328	N16	W21	.440	17303	5.6	14	-N	C		161	1.9	G
	CULG	07 0317	0321	0349	N15	W21	.431	17303	5.6	32	-N	C	0321	70	.8	
	LEAR	07 0320	0325	0339	N14	W21	.422	17303	5.6	19	-F	3 C		50		
	VORO	07 0321	0325	0342	N16	W21	.440	17303	5.6	21	-F	C	0325	108	1.1	EJ
GRP90377	07	0323+6	0334	0424	S13	E25	.470	17310	9.0	61	1F			310	3.5	F
			0349+2													
	CULG	07 0323	0349D	0500U	S14	E25	.477	17310	9.0	97D	1N	P	0349	400	4.6	F
	MITK	07 0329	0351	0424	S13	E26	.484	17310	9.1	55	1F	C	0351	230	2.7	EF
	LEAR	07 0329	0334	0340	S13	E24	.457	17310	8.9	11	-F	3 C		79		
378	LEAR	07 0340	0345	0356	N15	E75	.968	17321	12.8	16	-F	3 C				
379	YUNN	07 0430	0435	0444	S09	W49	.762	17304	3.5	14	-N	C		96	1.5	
380	CULG	07 0444	0446	0454	N15	W21	.431	17303	5.6	10	-F	C	0446	50	.5	
GRP90381	07	0452+4	0459	0523	S10	W54	.816	17304	3.2	31	-N					F
			0506													
	CULG	07 0452	0459	0530U	S10	W55	.825	17304	3.1	38D	-N	C	0459	100	1.8	F
	LEAR	07 0456	0506	0516	S11	W54	.817	17304	3.2	20	-N	3 C		30		
382	YUNN	07 0459	0503	0532D	N13	E73	.958	17321	12.7	33D	?N	C		80		
			IMP.1	NO : LEAR MITK CULG												
GRP90383	07	0532+4	0540	0619	N13	E72	.953	17321	12.6	47	1B					D
			0551													
	LEAR	07 0532	0540	0627	N14	E75	.968	17321	12.9	55	1B	3 C				D
	CULG	07 0536	0551U	0611	N13	E70	.943	17321	12.5	35	1B	C	0551	140		
GRP90384	07	0649	0650	0713	N14	E72	.954	17321	12.7	24	-N					D
			0702													
	YUNN	07 0649	0650	0713	N14	E73	.959	17321	12.8	24	-N	C		64		
	ABST	07 0659E	0702	0704D	N15	E72	.954	17321	12.7	5D	1F	P	0702	87		D
385	YUNN	07 0744	0819	0840D	N14	E74	.963	17321	12.9	56D	-N	P		64		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
386	YUNN	07 0810D	0819	0819D	S18	E90	1.000	17319	14.1	9D	2N	P		64		
			IMP.1	NO : CATA												
387	CATA	07 0900E	0920	0940D	N14	E71	.949	17321	12.7	40D	1F	2 P	0920	84		
388	CATA	07 0915	0915	0930	S18	E85	.997	17319	13.8	15	-F	2 C	0915	38		
		07 1019	1534	NO FLARE												
389	BIGB	07 1617	1623	1645	N18	E70	.945	17321	12.9	28	1N	3 C	1626	70	2.1	
390	CULG	07 2225	2227	2239	S08	W55	.823	17305	3.8	14	-F	C	2227	40	.6	
391	CULG	07 2328	2334	2343	N12	E78	.979	17323	13.8	15	-N	C	2334	60		
GRP90392	08 0028>9	0041+0	0054D	S09	W51	.783	17305	4.2	26	-F						F
	CULG	08 0028	0041	0142U	S08	W48	.749	17305	4.4	74D	1F	C	0041	210	3.4	F
	LEAR	08 0038	0041	0054	S10	W55	.825	17305	3.9	16	-F	3 C		38		
393	CULG	08 0255	0258	0308	N15	E73	.959	17323	13.6	13	-F	C	0258	40		
394	CULG	08 0531	0543	0558	S08	W56	.833	17305	4.0	27	-F	C	0543	60	1.0	
GRP90395	08 0604+3	0611+1	0633	S15	E39	.661	17314	11.2	29	-N				130	1.7	E
	ABST	08 0604	0611	0627	S13	E39	.653	17314	11.2	23	-F	C	0611	148	2.0	E
	CULG	08 0605U	0611	0653	S15	E38	.649	17314	11.1	48D	-N	C	0611	90	1.3	
	YUNN	08 0607	0612	0633	S15	E39	.661	17314	11.2	26	1N	C		161	2.2	
396	YUNN	08 0707	0711	0721	S05	E35	.578	17313	10.9	14	-N	C		80	1.0	
GRP90397	08 0710+2	0715	0738	N15	E60	.876	17321	12.8	28	1N				170	3.5	F
		0722														
	CULG	08 0710	0722	0739	N15	E60	.876	17321	12.8	29	1N	C	0722	120	2.5	
	YUNN	08 0711	0721	0721D	N15	E61	.884	17321	12.9	10D	1N	P		225	4.8	
	ABST	08 0712	0715	0737	N16	E60	.877	17321	12.8	25	1N	C	0715	157	3.3	F
GRP90398	08 0747	0749	0800	S09	W63	.894	17304	3.6	13	-N				25	.6	
	LEAR	08 0747	0749	0804	S11	W64	.903	17304	3.5	17	-N	3 C		15		
	CULG	08 0750E	0750U	0756	S08	W62	.885	17304	3.7	6D	-F	P	0750	30	.6	
GRP90399	08 0936+6		0947	S06	E34	.566	17313	10.9	11	-F				45	.5	D
	KHAR	08 0936		0946	S07	E34	.568	17313	10.9	10	-F	V				D
	YUNN	08 0942	0947	0952	S06	E34	.566	17313	11.0	10	-F	C		64	.8	
	HTPR	08 0942E		0947	S06	E33	.552	17313	10.9	5D	-F	C	0942	30	.4	
400	KHAR	08 1004	1008	1014	S24	E90	1.000		15.2	10	-N	P				HL
		08 1529	1713	NO FLARE												
		08 1718	1728	NO FLARE												
		08 1800	1814	NO FLARE												
401	HOLL	08 1914E	2044U	2131	N08	W50	.771		5.1	137D	-N	2 C		116		
402	BIGB	08 2002	2003	2024	S08	E27	.471	17313	10.9	22	-F	3 C	2003	120	1.4	
GRP90403	08 2031+4	2038+0	2105	N16	E52	.806	17321	12.8	34	1B				130	2.2	F
	CULG	08 2031	2038	2113	N16	E53	.816	17321	12.8	42	1B	C	2038	170	2.9	F
	BIGB	08 2035	2038	2056	N17	E52	.808	17321	12.8	21	-B	3 C	2038	90	1.5	
404	CULG	08 2035	2044	2112	N24	E46	.773	17320	12.3	37	-F	C	2044	100	1.6	
405	CULG	08 2053	2102	2136U	S13	E00	.225	17310	8.9	43D	-F	C	2102	80	.8	
GRP90406	08 2121+5	2127+1	2140	S06	E28	.478	17313	11.0	19	-N				80	.9	
	CULG	08 2121	2127	2137	S07	E27	.467	17313	10.9	16	-N	C	2127	100	1.1	
	HOLL	08 2126	2128	2142	S06	E28	.478	17313	11.0	16	-N	2 C		79		
	BIGB	08 2126	2128	2140	S06	E29	.493	17313	11.1	14	-F	3 C	2128	60	.7	
407	CULG	08 2153	2156	2206	N20	E43	.726	17320	12.1	13	-F	C	2156	30	.5	

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale Cen Dist	Hale Plage Region	CMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks	
GRP90408	08	2214+2	2217+1	2227	S10	W70	.942	17305	3.7	13	-F			45			
CULG	08	2214	2217	2227	S09	W70	.941	17305	3.7	13	-N	C	2217	50			
HOLL	08	2216	2218	2227	S11	W70	.942	17305	3.7	11	-F	2 C		36			
409	CULG	08	2334	2341	2350	S18	E56	.847	17318	13.2	16	-F	C	2341	60	1.1	H
410	CULG	08	2343	2349U	2359	S17	W50	.789		5.2	16	-F	C	2349	20	.3	GH
GRP90411	09	0106+4	0111+3	0131	N23	E42	.730	17320	12.2	25	-F						
CULG	09	0106	0111	0136	N23	E43	.740	17320	12.3	30	-N	C	0111	120	1.8	FG	
VORO	09	0110	0114	0126	N23	E42	.730	17320	12.2	16	-F	C	0114	45	.7	D	
412	LEAR	09	0218	0221	0235	S07	E24	.421	17313	10.9	17	-F	3 C		67		
GRP90413	09	0309+5	0329+3	0401	S06	E23	.402	17313	10.9	52	-N						
LEAR	09	0309	0329	0410	S07	E24	.421	17313	10.9	61	-N	3 C		58		EJK	
VORO	09	0314	0332	0352	S06	E22	.386	17313	10.8	38	-N	C	0332	152	1.7	EJK	
GRP90414	09	0432+1	0436+1	0446	S11	W80	.985	17304	3.2	14	-N			40			
LEAR	09	0432	0437	0445	S12	W86	.998	17304	2.7	13	-N	3 C		39			
CULG	09	0433	0436	0447	S11	W75	.967	17304	3.6	14	-N	C	0436	40			
415	MITK	09	0439	0441	0451	S07	E23	.406	17313	10.9	12	?F	C	0441	210	2.4	
			IMP.1 NO : CULG LEAR														
GRP90416	09	0456+9	0505+3	0522	S18	E52	.810	17318	13.1	26	-F						
CULG	09	0456	0508	0525	S18	E52	.810	17318	13.1	29	-N	C	0508	80	1.4	T	
LEAR	09	0505	0505	0519	S18	E52	.810	17318	13.1	14	-F	3 C		15			
417	CULG	09	0514	0516	0528	S15	W29	.534	17307	7.0	14	-F	C	0516	80	1.0	
GRP90418	09	0557>9	0703	0843	S19	W40	.689	17307	6.2	166	2N						
			0733+2														EGIJ
CULG	09	0557	0733U	0839D	S18	W42	.707	17307	6.1	162D	2N	C	0733	640	9.0	SU	
ABST	09	0624	0628	0650	S23	W34	.645	17307	6.7	26	-N	C	0628	131	1.7	EJ	
ABST	09	0658	0703	0756	S20	W40	.693	17307	6.3	58	1N	C	0703	262	3.8	EJ	
CATA	09	0720E	0735	0750D	S20	W38	.671	17307	6.5	30D	3F	1 P	0735	1237	17.2		
KANZ	09	0753E		0911D	S19	W40	.689	17307	6.3	78D	2N	*				U	
WEND	09	0812E		0841D	S16	W42	.699	17307	6.2	29D	2N	* C	0815	840	12.1	BGIU	
CATA	09	0825E	0840	0850D	S18	W40	.684	17307	6.4	25D	3F	* P	0840	956	13.5		
419	LEAR	09	0600	0603	0610	S07	E22	.391	17313	10.9	10	-F	3 C		24		
GRP90420	09	0617+8	0625+1	0651D	S18	W02	.309	17310	9.1	34	-F						
			0649														
CULG	09	0617	0626	0728	S18	W01	.308	17310	9.2	71	-F	C	0626	120	1.3		
LEAR	09	0625	0625	0632	S18	W02	.309	17310	9.1	7	-F	3 C		38			
LEAR	09	0641	0649	0651	S18	W03	.311	17310	9.1	10	-F	3 C		46			
GRP90421	09	0621+5	0624	0642	S18	E51	.801	17318	13.1	21	-N						
			0630+4														DJ
ABST	09	0621	0624	0640	S18	E50	.791	17318	13.0	19	-N	C	0624	87	1.5	DJ	
CULG	09	0622	0630	0642	S18	E52	.810	17318	13.2	20	-N	C	0630	80	1.4	T	
LEAR	09	0626	0634	0642	S18	E51	.801	17318	13.1	16	-N	3 C		24			
GRP90422	09	0633+8	0641+4	0720	S13	E23	.441	17314	11.0	47	-N						
			0700+2														EJK
CULG	09	0633	0641	0747	S13	E23	.441	17314	11.0	74	-N	C	0641	140	1.5	KT	
LEAR	09	0641	0645	0651	S12	E23	.434	17314	11.0	10	-N	3 C		29			
ABST	09	0658	0702	0715	S13	E24	.455	17314	11.1	17	-N	C	0702	131	1.5	EJ	
LEAR	09	0700	0700	0720	S14	E24	.462	17314	11.1	20	-N	3 C		23			
423	ABST	09	0655	0657	0720	N21	W90	1.000	17298	2.5	25	?F	C	0657	87		D
			IMP.1 NO : CULG LEAR														
424	LEAR	09	0917	0918	0935	S14	W05	.255	17310	9.0	18	-F	3 C		55		
GRP90425	09	0950+3	0950	1010	S12	E21	.407	17314	11.0	20	-F						
			1001+0														
LEAR	09	0950	0950	1010	S12	E21	.407	17314	11.0	20	-F	* C		26			
WEND	09	0952	1001	1009	S12	E21	.407	17314	11.0	17	-F	* C	1001	46	.5		
KANZ	09	0953	1001	1013	S11	E22	.413	17314	11.1	20	-F	*					

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Plage Region	CMP Day	Dur (Min)	Obs Imp	Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
GRP90426	09	0952+1	0957+2	1007	N16	E44	.723	17321	12.7	15	-F					
WEND	09	0952	0959	1005	N16	E44	.723	17321	12.7	13	-F	C	0959	44	.7	
KANZ	09	0953	0957	1009	N17	E45	.737	17321	12.8	16	-F	2				
GRP90427	09	1009+4	1012+6	1028	S18	E49	.781	17318	13.1	19	-N			25	.4	L
HTPR	09	1009	1012	1027	S18	E49	.781	17318	13.1	18	-B	C	1012	30	.5	
WEND	09	1009	1018	1032	S18	E49	.781	17318	13.1	23	-N	C	1018	50	.8	L
LEAR	09	1011	1012	1017	S19	E48	.774	17318	13.0	6	-F	3 C		16		
KANZ	09	1013	1017	1029	S17	E49	.778	17318	13.1	16	-F	2				L
428 CATA	09	1050	1050	1055	S12	W90	1.000	17304	2.7	5	?F	1 C	1050	84		
IMP.1 NO : WEND KANZ HTPR																
429 KANZ	09	1210	1226	1246	S11	E19	.371	17314	10.9	36	-F	2				
430 KANZ	09	1313	1321	1341D	S11	E18	.357	17314	10.9	28D	-F	2				
431 HTPR	09	1441	1442	1455	S13	W06	.245	17310	9.2	14	-F	C	1442	30	.3	E
GRP90432	09	1531+2	1535+2	1547	S17	E46	.747	17318	13.1	16	-N			60	.9	
BIGB	09	1531	1535	1554	S18	E48	.771	17318	13.2	23	-N	3 C	1535	60	.9	
RAMY	09	1533	1537	1539	S17	E45	.736	17318	13.0	6	-N	3 C		60		
GRP90433	09	1544+8	1555+2	1647	N17	E44	.726	17321	13.0	63	-N			90	1.3	
HOLL	09	1544	1555	1646	N17	E44	.726	17321	13.0	62	-N	3 C		156		
RAMY	09	1551	1556U	1632D	N17	E42	.704	17321	12.8	41D	-N	3 C		88		
BIGB	09	1552	1557	1647	N16	E45	.734	17321	13.0	55	-N	3 C	1557	60	.9	
434 HOLL	09	1658	1702	1714	S15	E46	.741	17318	13.2	16	-F	3 C		45		
GRP90435	09	1708>9	1759+0	1833	N17	E42	.704	17321	12.9	85	-F			70	1.0	
HOLL	09	1708	1759	1837	N17	E42	.704	17321	12.9	89	-N	3 C		82		
BIGB	09	1757	1759	1829	N17	E42	.704	17321	12.9	32	-F	3 C	1759	60	.8	
GRP90436	09	2023>9	2034	2111	N15	E41	.685	17321	12.9	48	-F					FK
			2053													
CULG	09	2023U	2034U	2112U	N15	E46	.742	17321	13.3	49D	1F	C	2034	160	2.2	FK
HOLL	09	2042	2053	2110	N15	E36	.625	17321	12.6	28	-F	3 C		29		
GRP90437	09	2142+0	2145+1	2204	N16	E40	.677	17321	12.9	22	-N			80	1.1	
CULG	09	2127	2145	2208	N15	E41	.685	17321	13.0	41	-N	C	2145	100	1.4	T
HOLL	09	2142	2146	2204	N17	E39	.670	17321	12.8	22	-N	2 C		50		
BIGB	09	2142	2146	2204	N16	E40	.677	17321	12.9	22	-N	3 C	2146	80	1.1	
438 CULG	09	2211	2217	2235	N10	E40	.657	17324	12.9	24	-F	C	2217	100	1.3	
GRP90439	09	2224+6	2238+0	2300	S11	E14	.303	17314	11.0	36	-F			110	1.2	
CULG	09	2224	2238	2306U	S11	E14	.303	17314	11.0	42D	-F	C	2238	140	1.5	
HOLL	09	2230	2238	2254	S11	E15	.317	17314	11.1	24	-F	2 C		85		
440 CULG	09	2231	2244	2332U	S14	W15	.347	17310	8.8	61D	-F	C	2244	120	1.3	F
441 CULG	09	2341	2351	0005	S08	E21	.381	17317	11.6	24	-F	C	2351	40	.4	
442 CULG	10	0014	0017	0028	S18	E40	.684	17318	13.0	14	-F	C	0017	80	1.1	
443 CULG	10	0022	0034	0050	S10	W37	.617	17312	7.2	28	-F	C	0034	40	.5	
444 LEAR	10	0211	0214	0221	N08	E37	.613	17324	12.9	10	-N	3 C		40		
GRP90445	10	0308+4	0312+1	0319	N16	E37	.642	17321	12.9	11	-N			150	2.0	D
YUNN	10	0308D	0312	0317	N15	E38	.650	17321	13.0	9D	1N	C		177	2.4	
CULG	10	0310	0312	0321	N16	E38	.654	17321	13.0	11	1B	C	0312	160	2.1	T
MITK	10	0312	0312	0319	N16	E37	.642	17321	12.9	7	-N	C	0312			D
MANI	10	0312	0313	0315	N16	E36	.630	17321	12.8	3	-N	1 V		130	1.7	
LEAR	10	0312	0313	0321	N16	E37	.642	17321	12.9	9	-B	3 C		145		D
GRP90446	10	0332+7	0339+3	0350	N14	E36	.621	17321	12.8	18	-N			45	.6	
CULG	10	0332	0339	0353	N15	E38	.650	17321	13.0	21	-N	C	0339	60	.8	T
LEAR	10	0339	0342	0347	N14	E34	.595	17321	12.7	8	-N	3 C		29		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale			Dur (Min)	Imp	Obs Type	Area Measurement			Remarks
							Cen Dist	Plage Region	CMP Day				Time (UT)	Appar (Disk)	Corr (Sq Deg)	
GRP90447	10	0536+9	0545+6 0609+5	0638	N16	E34	.606	17321	12.8	62	1N		210	2.6	EJK	
LEAR	10	0536	0545	0630	N15	E33	.588	17321	12.7	54	-N	3 C				
MITK	10	0538	0551	0600D	N16	E34	.606	17321	12.8	22D	-F	C	0551	64	E	
PURP	10	0538	0550	0638	N16	E35	.618	17321	12.9	60	1B	C				
CULG	10	0545	0550	0622	N17	E35	.623	17321	12.9	37	-N	C	0550	80	1.0	T
ABST	10	0559E	0614	0647	N16	E35	.618	17321	12.9	48D	1F	P	0614	175	2.3	EJ
YUNN	10	0608E	0609	0650	N15	E34	.600	17321	12.8	42D	1N	P		241	3.1	EKT
GRP90448	10	0722+8	0729+1	0737	S19	E39	.677	17318	13.2	15	-F					FJK
ABST	10	0722E	0729	0738	S21	E39	.687	17318	13.2	16D	1F	P	0729	183	2.6	FJK
CATA	10	0730	0730	0735	S17	E40	.679	17318	13.3	5	-F	2 C	0730	39	.6	
GRP90449	10	0747+3	0750+5	0805D	S12	E08	.245	17314	10.9	18	-F			80	.8	DJ
ABST	10	0747	0750	0904D	S12	E08	.245	17314	10.9	77D	-F	P	0750	87	.9	DJ
YUNN	10	0750	0755	0805	S12	E08	.245	17314	10.9	15	-N	C		80	.9	
GRP90450	10	0800	0805+0	0813	N14	E31	.557	17321	12.7	13	-F			120	1.4	DJ
YUNN	10	0800	0805	0812	N14	E32	.570	17321	12.7	12	-N	C		161	2.0	T
ABST	10	0804E	0805	0814	N14	E30	.544	17321	12.6	10D	-F	P	0805	87	1.1	DJ
GRP90451	10	0848+9	0858+1	0911	N15	E30	.550	17321	12.6	23	-F					EJ
ABST	10	0848E	0858	0904D	N16	E30	.556	17321	12.6	16D	1F	P	0858	210	2.6	EJ
LEAR	10	0857	0859	0911	N14	E31	.557	17321	12.7	14	-F	3 C		36		
452 YUNN	10	0938	0955	1003	N14	E31	.557	17321	12.7	25	-N	C		96	1.2	T
GRP90453	10	1016+2	1026 1033	1047	S17	E39	.668	17318	13.4	31	-F					
HTPR	10	1016	1026	1047	S17	E41	.691	17318	13.5	31	-F	C	1026	20	.3	
WEND	10	1018	1033	1047	S18	E37	.649	17318	13.2	29	-N	C	1033	50	.7	
GRP90454	10	1202+3	1204+3	1215	S16	E36	.627	17318	13.2	13	-F			40	.5	
HTPR	10	1202	1204	1213	S17	E40	.679	17318	13.5	11	-F	C	1204	40	.5	
WEND	10	1203	1207	1218	S16	E36	.627	17318	13.2	15	-N	C	1207	31	.4	
CATA	10	1205	1205	1215	S16	E36	.627	17318	13.2	10	-F	2 C	1205	84	1.1	
GRP90455	10	1220+2	1222+3	1230	N14	E90	1.000	17328	17.3	10	-N			40		AEK
CATA	10	1220	1225	1230	N15	E90	1.000	17328	17.3	10	1F	2 C	1225	45		
HTPR	10	1221	1222	1228	N14	E90	1.000	17328	17.3	7	-N	C	1222	40		EK
WEND	10	1222	1224	1230	N14	E82	.991	17328	16.7	8	-B	C	1224	16		A
GRP90456	10	1257+9	1306+3 1316	1351	S06	E09	.185	17317	11.2	54	1N			220	2.2	EK
HTPR	10	1257	1306	1350	S07	E10	.209	17317	11.3	53	1N	* C	1306	220	2.2	EK
HTPR	10	1257	1316	1350	S07	E10	.209	17317	11.3	53	1N	* C				
WEND	10	1258		1313D	S06	E04	.122	17317	10.8	15D	1N	C	1304	231	2.4	E
ATHN	10	1306	1309	1351	S05	E09	.177	17317	11.2	45	1N	* V	1309	223	2.4	
457 HTPR	10	1408	1415	1420	N15	E34	.604	17321	13.1	12	-F	C	1415	10	.1	
458 HOLL	10	1723	1727	1812	S07	E10	.209	17317	11.5	49	-N	3 C		62		
459 CULG	10	2154	2215	2242	S15	W24	.468	17310	9.1	48	1N	C	2215	220	2.4	F
460 CULG	10	2157	2208U	2223	S20	E31	.591	17318	13.2	26	-F	C	2208	60	.7	
461 CULG	10	2209	2215	2223	N15	E23	.460	17321	12.6	14	-N	C	2215	100	1.2	
GRP90462	10	2254+3	2256+1	2305	S16	E30	.552	17318	13.2	11	-F			60	.7	
CULG	10	2254	2256	2307	S15	E30	.546	17318	13.2	13	-N	C	2256	90	1.1	
LEAR	10	2257	2257	2302	S18	E30	.565	17318	13.2	5	-F	3 C		42		
GRP90463	11	0003+3	0019+2	0042	N14	E22	.440	17321	12.7	39	-N					K
CULG	11	0003	0019	0042	N13	E22	.432	17321	12.7	39	-N	* C	0019	80	.9	
LEAR	11	0006	0020	0023	N14	E22	.440	17321	12.7	17	-N	* C		27		
CULG	10	2311	2421	0043D	N15	E20	.422	17321	12.5	92D	-N	* P	2421	170	1.9	K
464 CULG	10	2312	2313	2317	S14	W03	.243	17314	10.7	5	-N	C	2313	120	1.2	V
465 CULG	10	2320U	2343	0010U	S06	E03	.113	17317	11.2	50D	-F	C	2343	40	.4	

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP Day	Dur (Min)	Imp	Obs Type	Area Measurement			Remarks
							Plage	Region					Time (UT)	Appar (Disk)	Corr (Sq Deg)	
466	CULG	10 2331	2334	2350	S15	E30	.546	17318	13.2	19	-F	C	2334	80	1.0	
467	CULG	10 2342	2416U	0043D	S12	W02	.207	17314	10.8	61D	-F	P	2416	140	1.4	
468	CULG	10 2346	2405	0017	N24	E11	.446	17320	11.8	31	-N	C	2405	60	.7	K
469	CULG	11 0134	0139	0153	N12	E23	.438	17321	12.8	19	-F	C	0139	40	.4	
470	YUNN	11 0157E	0157	0216E	N14	E22	.440	17321	12.7	19D	-N	P		32	.4	T
GRP90471	11 0434	0443	0514	N14	E20	.414	17321	12.7	40	-N						K
	CULG	11 0434	0443	0515	N14	E20	.414	17321	12.7	41	-N	C	0443	120	1.3	KT
	YUNN	11 0447E	0500	0513	N14	E21	.427	17321	12.8	26D	-N	C		48	.6	T
472	CULG	11 0524	0545	0621	S04	W03	.082	17313	11.0	57	-N	C	0545	80	.8	
473	YUNN	11 0537E	0537	0557	N13	E21	.419	17321	12.8	20D	-N	P		80	.9	T
474	CULG	11 0604	0615	0638	S16	E27	.513	17318	13.3	34	-F	C	0615	20	.2	
GRP90475	11 0613+0	0616+1	0647	S07	00	.115	17317	11.3	34	-F						
	LEAR	11 0613	0616	0633	S07	W01	.117	17317	11.2	20	-F	3 C		47		
	CULG	11 0613	0617	0701	S08	E00	.133	17317	11.3	48	-F	C	0617	120	1.2	
476	CULG	11 0630	0632	0639	S19	E57	.856	17329	15.5	9	-F	C	0632	30	.6	G
477	YUNN	11 0640	0650	0710	N13	E20	.405	17321	12.8	30	?N	C		193	2.2	T
			IMP.1	NO : CULG	MITK											
478	YUNN	11 0735	0741	0755	N13	E20	.405	17321	12.8	20	?N	C		193	2.2	T
			IMP.1	NO : CULG	CATA											
GRP90479	11 0805+2	0808+3	0910	N13	E15	.342	17321	12.5	65	-B				160	1.7	D
	YUNN	11 0805	0808	0812D	N13	E16	.354	17321	12.5	7D	1B	C		241	2.7	T
	LEAR	11 0807	0809	0814	N14	E15	.353	17321	12.5	7	-B	3 C		73		D
	ATHN	11 0809E	0811	0922	N16	E10	.327	17321	12.1	73D	-B	3 V	0811	159	1.8	
	YUNN	11 0900E	0910	0910D	N13	E20	.405	17321	12.9	10D	-N	P	0910	113	1.3	T
	11 1036	1044	NO FLARE PATROL													
	11 1052	1055	NO FLARE PATROL													
GRP90480	11 1212+3	1220	1239	N13	E10	.286	17321	12.3	27	-N				140	1.5	EK
	WEND	11 1212	1220	1239	N14	E16	.365	17321	12.7	27	-N	C	1220	156	1.7	
	HTPR	11 1215		1220D	N13	E05	.246	17321	11.9	5D	-N	C	1218	130	1.3	EK
481	WEND	11 1336	1340	1355	N14	E15	.353	17321	12.7	19	-F	C	1340	181	2.0	
482	HOLL	11 1431E	1453	1459	N15	E14	.353	17321	12.7	28D	-F	1 C		52		
483	HOLL	11 1521	1526	1532	S11	W04	.197	17314	11.3	11	-F	2 C		112		
GRP90484	11 1528+3	1532+0	1552D	N12	E12	.295	17321	12.5	24	-N				120	1.3	
	BIGB	11 1528	1532	1552	N11	E12	.284	17321	12.5	24	-N	3 C	1532	100	1.1	
	HOLL	11 1531	1532	1632	N14	E12	.320	17321	12.5	61	-N	3 C		154		
485	HOLL	11 1553	1553	1604	S09	W05	.173	17317	11.3	11	-F	3 C		36		
486	RAMY	11 1603	1603	1648	S11	W04	.197	17314	11.4	45	-F	3 C		167		
GRP90487	11 1720+3	1725+2	1736	N13	E10	.286	17321	12.5	16	-N						
	HOLL	11 1720	1727	1738	N13	E11	.297	17321	12.5	18	-N	2 C		165		
	BIGB	11 1723	1725	1733	N13	E10	.286	17321	12.5	10	-N	3 C	1725	60	.6	
488	HOLL	11 1730	1739	1747	S07	W03	.127	17317	11.5	17	-F	2 C		31		
GRP90489	11 1908+2	1910+2	1923	N12	E10	.273	17321	12.5	15	-F				50	.5	
	BIGB	11 1908	1911	1922	N12	E11	.284	17321	12.6	14	-F	3 C	1911	40	.4	
	HOLL	11 1910	1910	1923	N13	E09	.277	17321	12.5	13	-N	3 C		74		
	PALE	11 1910	1912	1918D	N12	E10	.273	17321	12.5	8D	-F	2 C		39		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale			Dur (Min)	Obs Imp	Type	Area Time (UT)	Measurement		Remarks		
							cen Dist	Plage Region	CMP Day					Appar (Disk)	Corr (Sq Deg)			
GRP90490	11	1914+8	1918+5	1937	N04	E83	.993	17331	18.0	23	-F							
BIGB	11	1914	1918	1938	N03	E85	.996	17331	18.2	24	-N	3	C	1918	130			
HOLL	11	1922	1923	1936	N05	E81	.988	17331	17.9	14	-F	3	C					
491	HOLL	11	2022	2023	2028	N15	E09	.305	17321	12.5	6	-N	3	C		43		
492	CULG	11	2048	2121	2132	N12	E09	.263	17321	12.5	44	?N		C	2121	230	2.4	
			IMP.1 NO : BIGB															
493	CULG	11	2110	2112	2120	N16	E69	.939	17328	17.1	10	-F		C	2112	60		
GRP90494	11	2117>9	2155+3	2254D	S16	W42	.698	17310	8.7	97	1F				310	4.3		
CULG	11	2117	2158U	2324U	S16	W43	.709	17310	8.7	127D	1N		C	2158	360	4.9		
BIGB	11	2136	2155	2254	S17	W42	.702	17310	8.8	78	1F	3	C	2155	260	3.6		
495	CULG	11	2159	2217	2235	S07	W06	.155	17317	11.5	36	-F		C	2217	70	.7	
GRP90496	11	2211+0	2216+1	2236	N03	E79	.982	17331	17.8	25	-N							
HOLL	11	2211	2216	2242	N05	E79	.982	17331	17.8	31	-N	3	C					
CULG	11	2211	2217	2229	N02	E80	.985	17331	17.9	18	-N		C	2217	40			
497	HOLL	11	2211	2213	2218	N17	E74	.965	17328	17.5	7	-F	3	C				
GRP90498	11	2219+3	2224+1	2242	N13	E09	.277	17321	12.6	23	-N				100	1.0	F	
			2232+0															
CULG	11	2219	2301	2332	N13	E08	.268	17321	12.5	73	1N		C	2332	220	2.3		
BIGB	11	2222	2224	2234	N12	E08	.254	17321	12.5	12	-N	2	C	2234	120	1.2		
HOLL	11	2222	2225	2245	N15	E10	.314	17321	12.7	23	-B	3	C		123			
PALE	11	2228E	2232	2240D	N12	E08	.254	17321	12.5	12D	-F	2	C		34			
LEAR	11	2229E	2232U	2246	N13	E10	.286	17321	12.7	17D	-N	3	C		175			
MANI	11	2232E	2232U	2238D	N15	E09	.305	17321	12.6	6D	-F	1	V		80	.9	F	
499	CULG	11	2250	2257	2307	N13	E74	.964	17328	17.5	17	-F		C	2257	40		
GRP90500	11	2301+3	2309+4	2332	N06	E86	.998	17331	18.4	31	-F				80			
BIGB	11	2301	2311	2339	N05	E90	1.000	17331	18.7	38	-N	2	C	2311	90			
LEAR	11	2304	2313	2324	N06	E79	.982	17331	17.9	20	-F	3	C		74			
MANI	11	2308E	2309	2314D	N07	E86	.998	17331	18.4	6D	-F	1	V					
501	CULG	11	2321	2323	2330	S07	W13	.251	17313	11.0	9	-F		C	2323	80	.8	
502	LEAR	12	0007	0007	0019	N14	E08	.284	17321	12.6	12	-F	3	C		30		
GRP90503	12	0015+2	0017+1	0102	N05	E83	.993	17331	18.2	47	1N							
CULG	12	0015	0018	0057	N05	E85	.996	17331	18.4	42	1N		C	0018	100			
LEAR	12	0017	0017	0107	N05	E81	.988	17331	18.1	50	1N	3	C					
GRP90504	12	0020+1	0027	0111	N14	E74	.964	17328	17.6	51	1N							
			0055+4														D	
CULG	12	0020	0027	0044	N15	E74	.965	17328	17.6	24	1N		C	0027	80			
LEAR	12	0021	0059	0104	N14	E74	.964	17328	17.6	43	-N	3	C					
CULG	12	0047	0055	0121	N15	E74	.965	17328	17.6	34	1N		C	0055	120			
PURP	12	0056	0059	0111	N14	E74	.964	17328	17.6	15	1B		C					
505	LEAR	12	0020	0037	0044	N13	E08	.270	17321	12.6	24	-N	3	C		58		
506	CULG	12	0123	0139	0202	N12	E07	.247	17321	12.6	39	-N		C	0139	150	1.5	FT
507	CULG	12	0140	0146	0155	S20	E12	.387	17318	13.0	15	-B		C	0146	80	.9	H
508	LEAR	12	0343	0345	0347	S06	W17	.306	17313	10.9	4	-F	3	C		22		
509	LEAR	12	0348	0353	0409	N05	E79	.982	17331	18.1	21	-F	3	C				
GRP90510	12	0459+1	0502+1	0512	N05	E79	.982	17331	18.1	13	1B				90			
CULG	12	0459	0502	0512	N05	E80	.985	17331	18.2	13	1B		C	0502	70			
PEKG	12	0500	0503	0509	N05	E79	.982	17331	18.1	9	1B		C	0503	118			
LEAR	12	0500	0502	0526	N06	E78	.979	17331	18.1	26	1B	3	C					

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale			Dur (Min)	Obs Imp	Type	Area Measurement			Remarks	
							cen Dist	Plage Region	CMP Day				Time (UT)	Appar (Disk)	Corr (Sq Deg)		
90511	12	0501+2	0504+3	0524	N13	E73	.959	17328	17.7	23	-F						
CULG	12	0501	0507	0527	N13	E74	.964	17328	17.8	26	-F	C	0507	30			
LEAR	12	0503	0504	0520	N14	E72	.955	17328	17.6	17	-F	3 C					
512	CULG	12	0549	0557	0624	S30	W15	.541	17315	11.1	35	-N	C	0557	60	.7	G
GRP90513	12	0559+5	0602+6	0619	N13	E04	.243	17321	12.5	20	-N						
CULG	12	0559	0608U	0628	N12	E04	.227	17321	12.5	29	-N	C	0608	100	1.0	FT	
LEAR	12	0601	0602	0619	N13	E04	.243	17321	12.6	18	-N	3 C		44		E	
PURP	12	0604	0607	0612	N13	E03	.239	17321	12.5	8	-N	C					
514	CULG	12	0623	0630	0652	S08	W10	.216	17317	11.5	29	-N	C	0630	120	1.2	
515	CULG	12	0646	0650	0703	N18	E68	.935	17328	17.4	17	-F	C	0650	20		
516	CULG	12	0712	0714	0723	N02	E79	.982	17331	18.2	11	-F	C	0714	40		T
517	CULG	12	0714	0721	0731	S10	W18	.346	17314	11.0	17	-F	C	0721	40	.4	
518	CULG	12	0725	0728	0735	S16	W42	.697	17310	9.2	10	-N	C	0728	70	1.0	
519	CULG	12	0725	0730	0822	N12	E03	.222	17321	12.5	57	-N	C	0730	80	.8	FKT
520	CULG	12	0744	0748	0802U	N02	E79	.982	17331	18.2	18D	-F	C	0748	40		T
GRP90521	12	0751+3	0756+4	0819	S34	E44	.799	17326	15.6	28	-B			90	1.5	D	
PURP	12	0751	0800	0804	S34	E40	.768	17326	15.3	13	1B	C				D	
CULG	12	0752	0756	0816	S35	E45	.812	17326	15.7	24	-B	C	0756	100	1.7		
LEAR	12	0754	0758	0821	S35	E44	.804	17326	15.6	27	-N	3 C		94			
ATHN	12	0755E	0800	0827	S29	E58	.884	17326	16.7	32D	-B	2 V	0800	80	1.4		
522	LEAR	12	0833	0840	0845	N04	E72	.952	17331	17.8	12	-F	3 C				
523	WEND	12	1128E		1150	S33	E45	.802	17326	15.9	22D	-F	C	1128	56	1.0	
524	WEND	12	1155	1200	1213	N14	W01	.251	17321	12.4	18	-F	C	1200	88	.9	
525	HPR	12	1402	1405	1409	N08	W03	.157	17324	12.4	7	-F	C	1405	20	.2	EK
526	HPR	12	1429	1430	1438	S17	E14	.367	17318	13.7	9	-N	V	1430	30	.3	E
		12	1520	1700	NO FLARE PATROL												
GRP90527	12	1540+1	1542+1	1558	N04	E69	.934	17331	17.8	18	-B			70			D
BOUL	12	1540E	1543	1555	N03	E70	.940	17331	17.9	15D	-B	3 C		80			D
RAMY	12	1541	1542	1600	N06	E69	.935	17331	17.8	19	-B	3 C		69			
GRP90528	12	1546	1555+6	1648	N16	E63	.901	17328	17.4	62	1N						
			1620														
RAMY	12	1546	1601	1658	N17	E65	.916	17328	17.5	72	2N	3 C		373			
BOUL	12	1548E	1555	1610	N14	E59	.867	17328	17.1	22D	1N	3 C		140			
BOUL	12	1616E	1620	1637	N17	E62	.895	17328	17.3	21D	-F	3 C		30			
GRP90529	12	1654+1	1700+3	1815	N13	E03	.239	17321	12.9	81	1B			260	2.7		
BOUL	12	1654E	1700	1750D	N13	E03	.239	17321	12.9	56D	1B	3 C		320			
RAMY	12	1655	1703	1815	N14	E03	.255	17321	12.9	80	-B	3 C		201			
		12	1707	1716	NO FLARE PATROL												
GRP90530	12	1716+4	1719+3	1729	N04	E69	.934	17331	17.9	13	-B			60			
RAMY	12	1716	1719	1724D	N05	E68	.928	17331	17.8	8D	-B	3 C		90			
BOUL	12	1720	1722	1729	N03	E70	.940	17331	18.0	9	-B	3 C		40			
		12	1734	1836	NO FLARE PATROL												
		12	1949	2003	NO FLARE PATROL												
531	CULG	12	2045	2049	2055	N03	E68	.928	17331	18.0	10	-F	C	2049	40	1.0	JT
GRP90532	12	2058+9	2110+3	2130D	N12	W06	.239	17321	12.4	32	-B						FK
CULG	12	2058	2113	2215	N13	W05	.248	17321	12.5	77	1B	C	2113	340	3.5	FK	
HOLL	12	2109	2110	2130	N12	W08	.256	17321	12.3	21	-N	3 C		90			

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	OMD	Hale Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
533	CULG	12 2108	2121	2136	S13	E56	.837	17330	17.1	28	?N	C	2121	160	2.9	
			IMP.1	NO : HOLL												
534	CULG	12 2134	2137U	2137D	S16	E06	.286	17318	13.3	3D	-N	P	2137	80	.8	
		12 2138	2147	NO FLARE PATROL												
GRP90535	CULG	12 2206	2216	2236	N04	E66	.914	17331	17.9	30	-N					
	LEAR	12 2206	2216	2236	N05	E68	.928	17331	18.0	30	-N	C	2216	60		
		12 2221E	2221	2236	N03	E65	.907	17331	17.8	15D	1N	2 C		224		
536	CULG	12 2229	2236	2245	S20	E02	.335	17318	13.1	16	-F	C	2236	80	.8	
GRP90537	CULG	12 2251	2257	2315	N14	W01	.251	17321	12.9	24	-N					
	LEAR	12 2251	2257	2309	N14	W05	.264	17321	12.6	18	-N	C	2257	60	.6	T
		12 2303	2304	2320	N14	E02	.253	17321	13.1	17	-N	3 C		41		
538	CULG	12 2312	2322	2349	S00	E69	.934	17331	18.1	37	-N	C	2322	60		
539	CULG	12 2331	2335	2343	N12	W09	.265	17321	12.3	12	-F	C	2335	40	.4	H
540	CULG	12 2348	2357	0012	S13	E43	.700	17329	16.2	24	-N	C	2357	120	1.7	
541	CULG	12 2355	2358	0025	N18	E65	.917	17328	17.9	30	?N	C	2358	120	3.0	
			IMP.1	NO : PURP												
GRP90542	LEAR	12 2358+3	0002+3	0018D	S15	W57	.849	17310	8.7	20	-N					F
	CULG	12 0001	0002	0018	S16	W57	.850	17310	8.7	17	-F	3 C		39		
		12 2358	2405	0145	S14	W58	.856	17310	8.6	107	1N	C	2405	130	2.1	F
543	CULG	13 0003	0014	0032	N15	W07	.294	17321	12.5	29	-N	C	0014	130	1.4	FT
544	LEAR	13 0039	0040	0053	N14	E01	.253	17321	13.1	14	-N	3 C		47		
545	CULG	13 0059	0103	0112	S15	E53	.812	17330	17.0	13	-F	C	0103	60	1.1	
546	PEKG	13 0118	0120	0123	N12	W05	.235	17321	12.7	5	-N	C	0118	63	.7	E
GRP90547	PURP	13 0125+5	0131+4	0148	N11	W06	.226	17324	12.6	23	-N			120	1.2	
	CULG	13 0125	0132	0145	N12	W06	.241	17324	12.6	20	1B	C				
	LEAR	13 0126	0133	0207	N12	W07	.249	17324	12.5	41	-N	3 C	0133	120	1.3	FT
	PEKG	13 0129	0135	0151	N11	W05	.219	17324	12.7	22	-N	C		81		
		13 0130	0131	0145	N11	W06	.226	17324	12.6	15	-N	C	0130	155	1.6	E
548	CULG	13 0159	0205	0224	S08	W63	.892	17310	8.4	25	-F	C	0205	70	1.6	
GRP90549	CULG	13 0212+8	0221+1	0228	N03	E62	.884	17331	17.7	16	-F			40	.9	D
	PEKG	13 0212	0221	0232	N02	E62	.883	17331	17.7	20	-F	C	0221	30	.4	
		13 0220	0222	0224	N04	E63	.892	17331	17.8	4	-F	C	0222	50	1.1	D
GRP90550	PURP	13 0235+2	0238+1	0247	S15	E53	.812	17330	17.1	12	-N					D
	CULG	13 0235	0238	0247	S17	E53	.816	17330	17.1	13	-N	C				D
	LEAR	13 0235	0238	0247	S15	E52	.802	17330	17.0	12	-N	3 C	0238	80	1.4	
		13 0237	0239	0245	S15	E53	.812	17330	17.1	8	-F	C		30		
551	VORO	13 0256	0256	0259	N12	W11	.287	17321	12.3	3	-F	C	0256	45	.5	DH
GRP90552	LEAR	13 0258	0313+3	0339	N02	E63	.891	17331	17.8	41	1N					
	CULG	13 0258	0306	0345	N03	E63	.892	17331	17.8	47	-N	3 C		68		
	PURP	13 0303	0313	0346	N02	E62	.883	17331	17.8	43	1N	C	0313	90	2.1	F
	YUNN	13 0309	0316	0333	N02	E63	.891	17331	17.9	24	1B	C				E
	PURP	13 0310	0322	0327	N02	E68	.927	17331	18.2	17	1N	C		145		
		13 0321	0322	0333	N02	E65	.907	17331	18.0	12	-B	C				E
GRP90553	CULG	13 0319+2	0321+2	0334	S16	E40	.673	17329	16.1	15	-N			70	.9	EGK
	VORO	13 0319	0321	0335	S16	E40	.673	17329	16.1	16	-N	C	0321	80	1.1	
	PURP	13 0321	0323	0340	S14	E40	.666	17329	16.1	19	-F	C	0323	63	.8	EK
	YUNN	13 0321	0322	0333	S16	E41	.685	17329	16.2	12	-B	C				EG
		13 0322E	0322	0327	S16	E40	.673	17329	16.1	5D	-N	P		64	.9	G

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP	Dur (Min)	Imp	Obs Type	Area Measurement			Remarks	
							Cen Dist	Plage Region					Time (UT)	Appar (Disk)	Corr (Sq Deg)		
GRP90554	13	0349+4	0357+3	0412	N13	E61	.883	17331	17.7	23	-F		60	1.3	J		
CULG	13	0349	0357	0413	N13	E61	.883	17331	17.7	24	-N	C	0357	60	1.4	JT	
LEAR	13	0353	0400	0410	N14	E61	.884	17331	17.7	17	-F	3 C		68			
GRP90555	13	0433+7	0442+1	0549	N15	E60	.877	17331	17.7	76	2B		380	7.9	FHKU		
LEAR	13	0433	0443	0519	N15	E55	.834	17331	17.3	46	2N	3 C		438			
CULG	13	0438U	0442	0524	N13	E59	.866	17331	17.6	46D	2B	C	0442	360	7.2	H	
MITK	13	0440	0443	0620	N13	E60	.875	17331	17.7	100	2N	C	0443	330	6.9	FHKU	
PURP	13	0440	0450	0550	N15	E60	.877	17331	17.7	70	2B	C	0450	302	6.2	KW	
YUNN	13	0441E	0504	0620	N16	E63	.901	17331	17.9	99D	1B	C		193	4.6	EFKT	
PEKG	13	0501	0503	0540	N18	E63	.904	17331	17.9	39	1N	C	0503	97	2.2	F	
GRP90556	13	0445+4	0449+4	0504	N12	W07	.249	17324	12.7	19	-N		160	1.7	E		
LEAR	13	0430	0449	0511	N11	W07	.234	17324	12.7	41	-N	* C		148			
CULG	13	0445	0450	0507	N12	W08	.257	17324	12.6	22	1N	C	0450	190	2.0	T	
MITK	13	0448	0450	0501	N10	W05	.203	17324	12.8	13	-F	* C	0450			E	
PURP	13	0448	0452	0457	N12	W07	.249	17324	12.7	9	1F	C					
YUNN	13	0449	0453	0504	N12	W06	.241	17324	12.8	15	-N	C		129	1.4		
557	LEAR	13	0544	0544	0553	N05	E61	.876	17331	17.8	9	-F	3 C		31		
GRP90558	13	0544+4	0550+1	0614	N13	W07	.264	17321	12.7	30	1F		210	2.2			
CULG	13	0544	0558	0648	N13	W05	.250	17321	12.9	64	-F	C	0558	160	1.7	FT	
LEAR	13	0546	0550	0607	N13	W08	.272	17321	12.6	21	-F	3 C		149			
YUNN	13	0547	0550	0620	N13	W07	.264	17321	12.7	33	1N	C		274	2.9	E	
PURP	13	0548	0551	0606	N12	W08	.257	17321	12.6	18	1F	C					
559	PURP	13	0604	0609	0624	N13	E07	.264	17323	13.8	20	-N	C				
560	LEAR	13	0650	0651	0659	N07	E63	.893	17331	18.0	9	-F	3 C		29		
561	CULG	13	0653	0701	0709	S08	W28	.483	17317	11.2	16	-F	C	0701	60	.7	F
562	CULG	13	0656	0701	0716	S15	E50	.782	17330	17.0	20	-F	C	0701	40	.7	
GRP90563	13	0704+3	0708+4	0720	N04	E62	.884	17331	17.9	16	-F						
CULG	13	0704	0712	0720	N02	E62	.883	17331	17.9	16	-N	C	0712	80	1.9		
LEAR	13	0707	0708	0719	N07	E63	.893	17331	18.0	12	-F	3 C		25			
GRP90564	13	0709+6	0717+4	0729	N13	W10	.290	17321	12.5	20	1N		220	2.3	E		
LEAR	13	0709	0721	0731	N13	W08	.272	17321	12.7	22	-N	* C		164			
CULG	13	0710	0717	0721D	N11	W10	.264	17321	12.5	11D	1N	C	0717	250	2.6	T	
CATA	13	0715	0720	0735	N12	W09	.267	17321	12.6	20	1F	* C	0720	253	2.7		
PURP	13	0715	0717	0734	N13	W10	.290	17321	12.6	19	1N	* C					
PEKG	13	0717E	0717	0717D	N13	W11	.300	17321	12.5		1N	* P	0717	210	2.3	E	
565	YUNN	13	0759E	0759	0759D	N02	E60	.866	17331	17.8		-N	P		64	1.3	E
566	LEAR	13	0809	0809	0812	N14	E66	.920	17331	18.3	3	-F	3 C		21		
567	LEAR	13	0822	0825	0837	N07	E62	.886	17331	18.0	15	-F	3 C		47		
GRP90568	13	0900	0900	0923	N13	W09	.281	17321	12.7	23	-F						
LEAR	13	0900	0900	0923	N13	W09	.281	17321	12.7	23	-F	3 C		33			
KANZ	13	0903E	0903	0911	N15	W09	.309	17321	12.7	8D	-F	1					
HTPR	13	0916	0921	0930	N12	W04	.229	17321	13.1	14	-F	C	0921	10	.1		
GRP90569	13	0919+1	0921+5	0929	N07	E62	.886	17331	18.0	10	-N		80	1.7	E		
LEAR	13	0919	0922	0929	N07	E61	.877	17331	18.0	10	-N	3 C		62			
KANZ	13	0919	0923	0931	N06	E60	.868	17331	17.9	12	-N	2					
YUNN	13	0920	0924	0928	N05	E60	.868	17331	17.9	8	-N	C		80	1.7	E	
HTPR	13	0920	0921	0924	N07	E65	.908	17331	18.3	4	-F	C	0921	60	1.4	E	
ATHN	13	0923E	0926	0945	N08	E65	.909	17331	18.3	22D	1B	3 V	0926	127	3.0		
GRP90570	13	0926+5	0935+4	0943	S13	W31	.546	17314	11.1	17	-F					E	
HTPR	13	0926	0939	0943	S13	W32	.560	17314	11.0	17	-F	C	0939	20	.2	E	
KANZ	13	0931	0935	0942	S14	W31	.551	17314	11.1	11	-F	2					

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement		Remarks		
							Dist	Region						Appar (Disk)	Corr (Sq Deg)			
GRP90571	13	0942+2	0946+2	0957	N05	E60	.868	17331	17.9	15	-F							
KANZ	13	0942	0946	0957	N05	E60	.868	17331	17.9	15	-F	*						
LEAR	13	0944	0948	1001	N07	E61	.877	17331	18.0	17	-F	* C		66				
YUNN	13	0955E		0957	N02	E60	.866	17331	17.9	2D	-N	* P	0955	96	1.9			
GRP90572	13	1001+1	1002+1	1012	S12	W33	.569	17314	10.9	11	-F							
KANZ	13	1001	1003	1013	S13	W33	.573	17314	10.9	12	-F	2						
LEAR	13	1002	1002	1010	S12	W33	.569	17314	10.9	8	-F	3 C		24				
GRP90573	13	1010+2	1017+1	1026	N10	E63	.895	17331	18.1	16	-F							
KANZ	13	1010	1017	1029	N11	E64	.904	17331	18.2	19	-F	2						
LEAR	13	1012	1018	1023	N09	E63	.895	17331	18.1	11	-F	3 C		40				
GRP90574	13	1017+3	1017+3	1025	N15	W06	.288	17321	13.0	8	-F							
KANZ	13	1017	1017	1025	N15	W06	.288	17321	13.0	8	-N	3						
LEAR	13	1018	1018	1024	N16	W06	.303	17321	13.0	6	-F	3 C		21				
CATA	13	1020	1020	1035	N15	W06	.288	17321	13.0	15	1F	2 C	1020	225	2.4			
575	KANZ	13	1137	1141	1145	N13	W14	.333	17321	12.4	8	-F	3					
576	CATA	13	1215	1215	1240	S13	W90	1.000	17312	6.8	25	2F	2 C	1215	140		A	
		13	1401	1437	NO FLARE PATROL													
577	RAMY	13	1438	1438	1443	N12	W13	.310	17321	12.6	5	-N	3 C		29			
		13	1444	1514	NO FLARE PATROL													
578	BIGB	13	1805	1808	1825	S09	E69	.935	17332	18.9	20	-F	2 C	1808	60			
579	BIGB	13	2037	2043	2057	S16	E45	.731	17330	17.2	20	-F	2 C	2043	90	1.3		
580	LEAR	13	2313	2313	2328	S13	W41	.675	17314	10.9	15	-F	3 C		39			
581	LEAR	13	2317	2317	2330	N11	E58	.855	17331	18.3	13	-N	3 C		23			
582	LEAR	13	2339	2345	0001	N04	E52	.790	17331	17.9	22	-N	3 C		105			
583	CULG	14	0117U	0120U	0136D	N09	E50	.774	17331	17.8	19D	-N	P	0120	40	.6		
584	LEAR	14	0220	0229	0237	S08	E62	.884	17332	18.7	17	-F	3 C		23			
GRP90585	14	0221+2	0223+3	0234	N09	E50	.774	17331	17.8	13	-N							
LEAR	14	0221	0225	0238	N09	E50	.774	17331	17.8	17	1N	3 C		156			H	
MITK	14	0222	0223	0234	N09	E51	.785	17331	17.9	12	-N	C	0223				EH	
MANI	14	0223E	0224U	0228D	N07	E54	.813	17331	18.1	5D	-N	1 Y		80	1.4			
PEKG	14	0223	0226	0229	N09	E49	.763	17331	17.8	6	-F	C	0226	29	.5		D	
GRP90586	14	0300+4	0306+7	0326	N16	E54	.828	17331	18.2	26	-N							
MITK	14	0300	0308	0409	N16	E54	.828	17331	18.2	69	-F	C	0308	60	1.1		E	
PEKG	14	0304	0313	0317	N16	E58	.863	17331	18.5	13	-F	C	0314	25	.5		E	
LEAR	14	0304	0306	0326	N16	E55	.837	17331	18.3	22	-B	3 C		52			E	
YUNN	14	0306E		0307D	N15	E54	.826	17331	18.2	1D	-N	P	0307	80	1.5		E	
587	LEAR	14	0310	0311	0322	N04	E48	.745	17331	17.7	12	*-N	3 C		40			
GRP90588	14	0526	0529	0540	S08	E67	.921	17332	19.3	14	-N							
LEAR	14	0526	0529	0540	S08	E72	.951	17332	19.6	14	-N	3 C		93			D	
YUNN	14	0527E		0527D	S08	E62	.884	17332	18.9		-N	P	0527	16	.3		D	
589	LEAR	14	0548	0552	0555	N14	E54	.824	17331	18.3	7	-F	3 C		24			
590	CULG	14	0638	0646	0701	N18	E38	.667	17328	17.1	23	-F	C	0646	40	.5		
GRP90591	14	0746	0752	0818	N12	E55	.830	17331	18.4	32	-F							
			0800															EJ
CULG	14	0746	0752	0814	N13	E58	.858	17331	18.7	28	-F	C	0752	30	.6			
KANZ	14	0755E		0818	N15	E55	.835	17331	18.5	23D	-F	2						
YUNN	14	0758	0800	0805	N12	E58	.857	17331	18.7	7	-N	C		48	1.0		EJ	
CULG	14	0812	0814	0818	N06	E48	.748	17331	17.9	6	-F	C	0814	20	.3			

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP Day	Dur (Min)	Imp	Obs Type	Area Measurement			Remarks
							cen Dist	Plage Region					Time (UT)	Appar (Disk)	Corr (Sq Deg)	
592	LEAR	14 0837	0837	0842	S16	E36	.624	17330	17.1	5	-F	3 C		22		
GRP90593	14 0853+2	0902+6	0912	N17	E35	.626	17328	17.0	19	-N				110	1.4	EKW
	KANZ	14 0853	0902	0913	N18	E35	.632	17328	17.0	20	-N	3				
	YUNN	14 0855	0905	0908	N17	E37	.650	17328	17.1	13	-B	C		113	1.5	EKW
	CATA	14 0900E	0905	0910	N17	E36	.638	17328	17.1	10D	1F	2 P	0905	197	2.6	
	LEAR	14 0904E	0908U	0918	N18	E35	.632	17328	17.0	14D	-N	3 C		74		
GRP90594	14 0937+3	0941+1	0951	S13	W53	.808	17314	10.4	14	-F						D
	KANZ	14 0937	0942	1005	S13	W53	.808	17314	10.4	28	-F	2				
	YUNN	14 0940	0941	0946	S10	W54	.814	17314	10.4	6	-F	C		64	1.1	D
	LEAR	14 0940	0941	0951	S13	W46	.733	17314	11.0	11	-F	3 C		19		
GRP90595	14 0942+4	0946+9	1010	N05	E45	.711	17331	17.8	28	-N				110	1.6	Z
	KANZ	14 0942	0949	1001	N05	E44	.699	17331	17.7	19	-N	3				
	LEAR	14 0944	0949U	1016	N06	E46	.724	17331	17.9	32	-B	3 C		109		D
	CATA	14 0945E	0955	1025	N03	E44	.696	17331	17.7	40D	-F	2 P	0955	112	1.6	
	ATHN	14 0945E	0950	1000D	N09	E40	.656	17331	17.4	15D	-B	3 V	0950	95	1.4	
	YUNN	14 0946	0946	1004	N03	E46	.721	17331	17.9	18	-N	P	0954	129	1.9	EZ
596	YUNN	14 0943	0944	0947	N12	E56	.839	17331	18.6	4	-N	C	0945	16	.3	D
	14 1041	1046	NO FLARE PATROL													
597	ATHN	14 1055E	1058	1130	N09	E40	.656	17331	17.5	35D	-B	3 V	1058	64	1.0	
GRP90598	14 1309+2	1313+2	1326	N05	E42	.674	17331	17.7	17	-N						
	KANZ	14 1309	1313	1325	N05	E42	.674	17331	17.7	16	-N	3				
	RAMY	14 1311	1315	1326	N05	E42	.674	17331	17.7	15	-N	3 C		48		
599	RAMY	14 1404	1410	1421	N15	E51	.797	17331	18.4	17	1N	3 C		211		
600	RAMY	14 1440	1446	1534	N05	E41	.661	17331	17.7	54	-N	3 C		27		
601	RAMY	14 1505	1508	1520	N20	E49	.791	17331	18.3	15	1N	3 C		263		
GRP90602	14 1602+9	1616+1	1634	N15	E50	.787	17331	18.4	32	-N				70	1.1	
	HOLL	14 1602	1616	1617D	N15	E50	.787	17331	18.4	15D	-N	3 C		70		
	RAMY	14 1611	1617	1638	N15	E48	.766	17331	18.3	27	-N	3 C		89		
	BIGB	14 1612	1617	1629	N15	E52	.806	17331	18.6	17	-F	3 C	1617	60	1.0	
GRP90603	14 1616+0	1617+2	1636	S08	W52	.791	17313	10.8	20	-F				60	1.0	
	RAMY	14 1616	1619	1636	S08	W51	.781	17313	10.9	20	-F	3 C		38		
	BIGB	14 1616	1617	1636	S08	W52	.791	17313	10.8	20	-F	3 C	1617	80	1.3	
	HOLL	14 1616	1617	1617D	S11	W54	.815	17313	10.6	1D	-F	3 C		50		
GRP90604	14 1722+1	1723+2	1748	N08	E67	.923	17333	19.7	26	-F						
	HOLL	14 1722	1723	1749	N08	E66	.916	17333	19.7	27	-F	3 C		43		
	BIGB	14 1723	1725	1747	N08	E69	.936	17333	19.9	24	1F	3 C	1725	130		
GRP90605	14 1735+4	1745+7	1828	N05	E41	.661	17331	17.8	53	1B				200	2.7	D
	RAMY	14 1735	1752	1828	N05	E41	.661	17331	17.8	53	1B	3 C		202		D
	HOLL	14 1736	1750	1850	N05	E41	.661	17331	17.8	74	1B	3 C		211		
	BIGB	14 1739	1745	1810	N05	E42	.674	17331	17.9	31	1B	3 C	1745	190	2.6	
GRP90606	14 1858+1	1859+2	1906	N16	W29	.547	17321	12.6	8	-N				40	.5	
	BIGB	14 1858	1901	1906	N17	W29	.554	17321	12.6	8	-F	3 C	1901	100	1.2	
	HOLL	14 1859	1859	1908	N16	W29	.547	17321	12.6	9	-N	3 C		39		
	RAMY	14 1859	1859	1906	N16	W29	.547	17321	12.6	7	-N	3 C		39		
GRP90607	14 1932+1	1933+2	1944	N06	E37	.609	17331	17.6	12	-N				60	.8	
	BIGB	14 1932	1933	1940	N05	E38	.621	17331	17.7	8	-N	3 C	1933	60	.8	
	HOLL	14 1932	1934	1944	N06	E37	.609	17331	17.6	12	-B	3 C		68		
	RAMY	14 1933	1935	1951	N06	E37	.609	17331	17.6	18	-N	3 C		41		
608	CULG	14 2056	2100	2103	N05	E36	.594	17331	17.6	7	-N	C	2100	80	1.0	JT
609	HOLL	14 2109	2110	2123	N05	E40	.648	17331	17.9	14	-F	3 C		34		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Hale Plage Region	CMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks	
GRP90610	14	2158+5	2208 2222+2	2311	N07	E38	.625	17331	17.8	73	1N			160	2.1	FHJK	
CULG	14	2158	2224	2355	N04	E39	.633	17331	17.8	117	1N	C	2224	210	2.7	FKJ	
HOLL	14	2203	2238	2311	N10	E37	.621	17331	17.7	68	-B	3 C		159		D	
HOLL	14	2203	2208	2209	N06	E36	.596	17331	17.6	6	-B	3 C		159		D	
BIGB	14	2219	2222	2237	N05	E38	.621	17331	17.8	18	-F	3 C	2222	120	1.6		
CULG	14	2235	2250	2323	N10	E38	.634	17331	17.8	48	1B	C	2250	160	2.1	H	
611	CULG	14	2159	2207	2223	N15	E48	.766	17331	18.5	24	-F	C	2207	60	.9	F
612	LEAR	14	2339	2345	0001	N04	E52	.790		18.9	22	-N	3 C		105		
613	CULG	14	2349E	2349U	2359	N18	W31	.585	17321	12.7	10D	-F	P	2349	60	.7	
GRP90614	15	0005+0	0008+2	0024	N18	E27	.539	17328	17.0	19	-B			130	1.5	EJ	
CULG	15	0005U	0010	0030	N19	E28	.558	17328	17.1	25D	-B	C	0010	130	1.6		
LEAR	15	0005	0008	0024	N18	E27	.539	17328	17.0	19	-N	3 C		161			
VORO	15	0008E		0018	N18	E26	.527	17328	17.0	10D	-B	P	0009	108	1.3	EJ	
615	CULG	15	0011	0022	0036	N18	W31	.586	17321	12.7	25	-F	C	0022	130	1.6	F
GRP90616	15	0050+2	0052+3 0134	0150	N06	E38	.623	17331	17.9	60	-F			50	.6	F	
CULG	15	0050	0055	0147	N04	E37	.606	17331	17.8	57	-F	C	0055	50	.6	FT	
LEAR	15	0052	0052	0152	N05	E38	.621	17331	17.9	60	-F	3 C		60			
CULG	15	0130	0134	0139	N09	E38	.631	17331	17.9	9	-N	C	0134	30	.4		
617	CULG	15	0100	0107	0110	N18	W31	.586	17321	12.7	10	-F	C	0107	20	.2	
GRP90618	15	0111+2	0114+1	0120	N08	W22	.401		13.4	9	-F			45	.5	D	
CULG	15	0111	0114	0119	N08	W22	.401		13.4	8	-N	C	0114	40	.4		
VORO	15	0113	0115	0121	N09	W23	.422		13.3	8	-F	C	0115	45	.5	D	
619	CULG	15	0122	0126	0131	S15	W30	.542	17318	12.8	9	-F	C	0126	40	.5	
620	CULG	15	0159	0206	0235	N05	E43	.686	17331	18.3	36	-F	* C	0206	70	1.0	FKT
621	CULG	15	0213	0216	0224	S17	E28	.529	17330	17.2	11	-F	C	0216	80	1.0	
GRP90622	15	0227+1	0228+0	0237	N13	E44	.717	17331	18.4	10	-F			40	.6		
CULG	15	0227	0228	0233	N13	E44	.717	17331	18.4	6	-F	* C	0228	30	.5	T	
LEAR	15	0228	0228	0241	N14	E44	.720	17331	18.4	13	-F	* C		51			
623	CULG	15	0250	0251	0303	N09	E36	.605	17331	17.8	13	-F	C	0251	50	.6	T
GRP90624	15	0313+0	0314+1	0323	N12	E41	.678	17331	18.2	10	-F			90	1.2		
CULG	15	0313	0315	0323	N11	E40	.663	17331	18.1	10	-N	C	0315	100	1.3	T	
LEAR	15	0313	0314	0323	N14	E43	.708	17331	18.4	10	-F	3 C		77			
625	LEAR	15	0313	0314	0321	N05	E37	.608	17331	17.9	8	-F	3 C		57		
626	CULG	15	0316	0326	0345	N18	E30	.574	17328	17.4	29	?N	C	0326	170	2.0	F
			IMP.1	NO : LEAR	VORO	YUNN											
627	CULG	15	0326	0407	0412	N18	W31	.586	17321	12.8	46	-N	C	0407	120	1.5	KF
GRP90628	15	0339+8	0348+4	0413	S06	W58	.849	17313	10.8	34	-N					E	
CULG	15	0339	0348	0500	S06	W57	.840	17313	10.9	81	1B	C	0348	180	3.6		
LEAR	15	0344	0350	0413	S06	W58	.849	17313	10.8	29	-F	3 C		56			
YUNN	15	0347	0352	0357	S04	W58	.848	17313	10.8	10	-N	P		32	.6	E	
629	CULG	15	0349	0350	0356	N04	E35	.578	17331	17.8	7	-N	C	0350	40	.5	T
630	CULG	15	0431U	0447	0537	N20	W23	.511	17323	13.5	66D	-N	C	0447	120	1.4	L
631	LEAR	15	0546	0554	0604	N04	E33	.550	17331	17.7	18	-F	3 C		103		
632	LEAR	15	0550	0602	0604	S10	E46	.727	17332	18.7	14	-F	3 C		27		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Obs Imp	Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks	
GRP90633	15	0625+3	0628	0651	N03	E32	.533	17331	17.7	26	-F						
CULG	15	0625	0636	0701	N04	E33	.550	17331	17.7	36	-F	C	0636	100	1.2	T	
LEAR	15	0628	0628	0640	N03	E32	.533	17331	17.7	12	-F	3 C		42			
GRP90634	15	0712+7	0721+1	0727	N03	E35	.576	17331	17.9	15	-F			40	.5		
LEAR	15	0712	0721	0728	N05	E35	.580	17331	17.9	16	-F	3 C		43			
CULG	15	0719	0722	0725	N02	E35	.575	17331	17.9	6	-N	C	0722	40	.5	T	
GRP90635	15	0738+2	0741+0	0814D	N04	E34	.564	17331	17.9	36	-F			130	1.6		
CULG	15	0738	0741	0747D	N05	E34	.566	17331	17.9	9D	-N	C	0741	160	1.9	T	
LEAR	15	0740	0741	0814D	N04	E34	.564	17331	17.9	34D	-F	3 C		105			
GRP90636	15	0830E	0840	0916D	N05	E34	.566	17331	17.9	46	2F						
CATA	15	0830E	0840	0915D	N05	E35	.580	17331	18.0	45D	2F	2 P	0840	450	5.7		
LEAR	15	0848E	0851U	0916D	N05	E34	.566	17331	17.9	28D	-N	3 C		126			
637	YUNN	15	0848E	0859	S08	E47	.736	17332	18.9	11D	-F	P	0848	32	.5	E	
638	CATA	15	1145	1145	S09	E47	.737	17332	19.0	10	-F	2 C	1145	56	.9		
639	CATA	15	1205	1210	N04	E90	1.000	17338	22.3	25	1F	2 C	1210	56			
		15	1431	1457	NO FLARE PATROL												
640	HOLL	15	1519	1520	N09	E35	.591	17331	18.3	27	-N	3 C		42			
641	HOLL	15	1652	1702	N14	E37	.637	17331	18.5	31	-N	3 C		90			
642	HOLL	15	1715	1717	S16	E20	.420	17330	17.2	15	-N	3 C		60			
GRP90643	15	1828+4	1838+2	2015	N13	E31	.555	17331	18.1	107	1B			410	4.9		
HOLL	15	1828	1840	2026	N15	E35	.617	17331	18.4	118	1N	2 C		487			
BIGB	15	1832	1838	2004	N15	E35	.617	17331	18.4	92	1N	3 C	1838	325	4.1		
BIGB	15	1920	1923	1957	N11	E28	.504	17331	17.9	37	2B	3 C	1923	450	5.3		
HOLL	15	1920	1927	1952	N11	E28	.504	17331	17.9	32	1B	2 C		321			
GRP90644	15	1913+6	1927+0	2006	S16	E19	.408	17330	17.2	53	-B			170	1.9		
HOLL	15	1913	1927	2016	S16	E19	.408	17330	17.2	63	1B	* C		229			
BIGB	15	1919	1927	1955	S17	E20	.430	17330	17.3	36	-N	* C	1927	110	1.2		
GRP90645	15	1915>9	1936	2120	N15	W35	.617	17321	13.2	125	-N						
HOLL	15	1915	1936	2124	N15	W36	.629	17321	13.1	129	-N	2 C		81			
CULG	15	2012	2031	2115	N15	W34	.604	17321	13.3	63	-N	C	2031	40	.5		
GRP90646	15	2005>9	2005	2109	N13	E30	.542	17331	18.1	64	-F						
CULG	15	2005E	2005E	2114	N12	E35	.603	17331	18.5	69D	-N	* P	2005	90	1.1	B	
CULG	15	2049	2055	2103	N15	E25	.491	17331	17.7	14	-F	* C	2055	30	.3		
647	HOLL	15	2102	2106	N04	E27	.460	17331	17.9	8	-F	* C		29			
GRP90648	15	2205	2212	2231D	N07	E23	.411	17331	17.6	26	-F					K	
CULG	15	2205	2205	2208	N07	E23	.411	17331	17.6	3	-F	C	2205	20	.2	T	
CULG	15	2207	2212	2215	N09	E23	.422	17331	17.6	8	-F	C	2212	50	.6	TK	
CULG	15	2210	2231U	2300U	N06	E22	.391	17331	17.6	50D	-F	C	2231	60	.7	T	
649	CULG	15	2244	2305	N10	E23	.428	17331	17.7	36	-F	C	2305	50	.6	TK	
650	CULG	15	2255	2256	S12	W38	.633	17318	13.1	15	-N	C	2256	90	1.2		
651	CULG	15	2321	2340	S08	E38	.623	17332	18.8	37	-N	C	2340	120	1.6	H	
652	CULG	15	2329	2338	2354U	S16	E15	.361	17330	17.1	25D	-N	C	2338	130	1.3	T
653	CULG	15	2345	2347	S04	W65	.906	17313	11.1	12	-F	C	2347	60	1.4		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		Dur (Min)	Imp	Obs Type	Area Measurement			Remarks		
							cen Dist	Plage Region				Time (UT)	Appar (Disk)	Corr (Sq Deg)			
	15	2359	0000	NO FLARE PATROL													
	16	0000	0001	NO FLARE PATROL													
GRP90654	16	0059+5	0102+4	0120	N05	E24	.418	17331	17.8	21	-N		90	1.0	EJL		
LEAR	16	0059E	0102	0128	N05	E25	.433	17331	17.9	29D	-B	3 C	183				
CULG	16	0059	0104	0120	N05	E25	.433	17331	17.9	21	-N	C	0104	100	1.1		
VORO	16	0101	0102	0114	N05	E24	.418	17331	17.8	13	-N	C	0102	90	1.0	EJL	
PEKG	16	0104	0106	0120	N05	E24	.418	17331	17.8	16	-F	P	0106	59	.6	E	
GRP90655	16	0143+3	0148+1	0156	N08	E23	.417	17331	17.8	13	-N		170	1.9			
CULG	16	0143	0148	0158	N09	E23	.423	17331	17.8	15	1B	C	0148	200	2.2		
LEAR	16	0146	0148	0155	N05	E24	.418	17331	17.9	9	-B	3 C	173				
VORO	16	0146	0149	0156	N08	E22	.402	17331	17.7	10	-F	C	0149	170	1.9	E	
YUNN	16	0153E		0153	N08	E23	.417	17331	17.8		-B	P	0153	64	.7	B	
PURP	16	0158E	0158	0159D	N09	E21	.394	17331	17.7	1D	-N	C				D	
656	CULG	16	0148	0157	0201D	S04	W62	.883	17317	11.4	13D	-F	P	0157	40	1.0	
657	VORO	16	0230	0231	0236	S09	E40	.651	17332	19.1	6	-F	C	0231	45	.6	DH
658	CULG	16	0252	0304	0325	N19	W41	.706	17323	13.0	33	-F	C	0304	80	1.2	
GRP90659	16	0256>9	0317+2	0320D	S08	W73	.956	17313	10.6	24	-F						
CULG	16	0256	0319	0350	S08	W71	.946	17313	10.8	54	-N	C	0319	30			
LEAR	16	0315	0317	0320	S09	W76	.970	17313	10.4	5	-F	3 C					
GRP90660	16	0317+5	0322+1	0334	S35	W04	.562	17326	15.8	17	-F		50	.6			
CULG	16	0317	0322	0338	S35	W04	.562	17326	15.8	21	-N	C	0322	70	.8		
LEAR	16	0322	0323	0329	S35	W04	.562	17326	15.8	7	-F	3 C	42				
661	LEAR	16	0334	0346	0358	N14	E30	.549	17331	18.4	24	-F	3 C	45			
GRP90662	16	0429+5	0436+2	0443	N08	E21	.387	17331	17.8	14	-F						
CULG	16	0429	0436	0445	N09	E21	.394	17331	17.8	16	-N	C	0436	120	1.3		
LEAR	16	0434	0438	0440	N08	E21	.387	17331	17.8	6	-F	3 C	43				
663	LEAR	16	0443	0447	0451	S18	E14	.372	17330	17.2	8	-F	3 C	35			
664	LEAR	16	0540	0541	0558	N03	E22	.380	17331	17.9	18	-F	3 C	55			
665	LEAR	16	0555	0558	0610	N14	E32	.575	17331	18.6	15	-F	3 C	46			
GRP90666	16	0628+4	0635	0721	S17	E13	.350	17330	17.2	53	-N					E	
			0652														
CULG	16	0628	0635	0646D	S18	E12	.353	17330	17.2	18D	-N	* C	0635	60	.7	T	
LEAR	16	0632	0652	0722	S18	E14	.372	17330	17.3	50	-N	* C	106				
PURP	16	0650	0659	0721	S17	E09	.314	17330	17.0	31	-N	* C				E	
ISTA	16	0650		0716	S17	E15	.371	17330	17.4	26	1N	*				E	
667	LEAR	16	0648	0654	0708	N07	E27	.471	17331	18.3	20	-F	3 C	61			
668	PURP	16	0749E	0749	0759	N11	E35	.599	17331	19.0	10D	-N	C			D	
GRP90669	16	0805+6	0809+4	0823	N08	E18	.343	17331	17.7	18	-N		140	1.5			
CATA	16	0805	0810	0825	N08	E18	.343	17331	17.7	20	-F	2 C	0810	140	1.5		
LEAR	16	0805	0809	0813D	N09	E18	.351	17331	17.7	8D	1B	3 C	203				
ATHN	16	0811	0813	0821	N08	E18	.343	17331	17.7	10	-B	2 V	0813	64	.7		
670	LEAR	16	0818	0824	0830	N14	W40	.674	17323	13.3	12	-F	3 C	41			
671	YUNN	16	0841E		0842	N03	E81	.988	17338	22.4	1D	-N	P	0841	32		AB
GRP90672	16	0907+2	0907+5	0928	N08	E23	.417	17331	18.1	21	-N		70	.8			
			0921														
LEAR	16	0907	0907	0934	N06	E23	.407	17331	18.1	27	-N	3 C	81				
ATHN	16	0909	0912	0921	N06	E23	.407	17331	18.1	12	-B	3 V	0912	57	.6		
LEAR	16	0920	0921	0929	N13	E25	.477	17331	18.3	9	-F	3 C	47				

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks	
GRP90673	16	0942>9	0959 1012+1	1053	N05	E20	.356	17331	17.9	71	1B		350	3.7	IJ		
LEAR	16	0942	1012	1023	N06	E24	.422	17331	18.2	41	2B	3 C	708		D		
ABST	16	0948	1013	1026	N05	E16	.294	17331	17.6	38	1N	P	1013	349	3.8	FJ	
ATHN	16	0954	0959	1054	N04	E18	.320	17331	17.8	60	-B	3 V	0959	166	1.8		
HTPR	16	1011E		1130	N07	E18	.337	17331	17.8	79D	1B	C	1015	320	3.2	EFI	
CATA	16	1045E	1045	1120D	N04	E23	.399	17331	18.2	35D	1F	2 P	1045	394	4.4		
674	LEAR	16	1013	1019	1023	S09	W78	.978	17314	10.6	10	-F	3 C				
675	LEAR	16	1018	1021	1022	S18	E10	.336	17330	17.2	4	-F	3 C	26			
GRP90676	16	1136	1154+0	1236	N12	E20	.403	17331	18.0	60	1B						
HTPR	16	1136		1204D	N12	E20	.403	17331	18.0	28D	1B	C	1152	400	4.0	E	
RAMY	16	1149E	1154	1236	N12	E20	.403	17331	18.0	47D	2B	3 C		714		D	
ATHN	16	1151	1154	1232	N08	E20	.373	17331	18.0	41	1B	3 V	1154	255	2.8		
HTPR	16	1209E		1324D	N12	E25	.470	17331	18.4	75D	1B	C	1209	250	2.8		
677	HTPR	16	1248	1251	1256	N07	E16	.307	17331	17.7	8	-F	C	1251	20	.2	
GRP90678	16	1427>9	1454+1	1511	N07	E13	.263	17331	17.6	44	1B			440	4.6	E	
HOLL	16	1427	1453	1454D	N04	E22	.383	17331	18.3	27D	1N	2 C		303			
HOLL	16	1427	1454	1516	N09	E14	.295	17331	17.7	49	1B	* C		492		D	
RAMY	16	1442	1455	1506	N09	E13	.282	17331	17.6	24	1B	* C		435			
HTPR	16	1455E		1505D	N07	E13	.263	17331	17.6	10D	1B	C	1456	350	3.5	E	
GRP90679	16	1432+4	1437+0	1448	S17	E08	.306	17330	17.2	16	-B			140	1.5	E	
RAMY	16	1432	1437	1449D	S17	E08	.306	17330	17.2	17D	-B	3 C		141			
HOLL	16	1436	1437	1438D	S16	E07	.284	17330	17.1	2D	-B	2 C		131			
HTPR	16	1436	1437	1447	S18	E11	.344	17330	17.4	11	-B	C	1437	140	1.4	E	
GRP90680	16	1835+0	1836+3	1846	N08	E11	.245	17331	17.6	11	-N			40	.4		
BIGB	16	1835	1838	1846	N08	E11	.245	17331	17.6	11	-N	3 C	1838	90	.9		
HOLL	16	1835	1836	1847	N08	E11	.245	17331	17.6	12	-N	3 C		38			
PALE	16	1835	1839U	1845	N07	E12	.249	17331	17.7	10	-F	3 C		33			
GRP90681	16	1851+1	1857+1	1914	N17	E26	.520	17331	18.7	23	-N			70	.8	D	
BIGB	16	1851	1858	1915	N17	E27	.532	17331	18.8	24	-N	3 C	1858	90	1.0		
HOLL	16	1852	1857	1913	N17	E25	.508	17331	18.7	21	-B	3 C		61		D	
GRP90682	16	1919+3	1922+0	1941	N13	W50	.783	17321	13.1	22	-N			110	1.8		
HOLL	16	1919	1922	1949	N13	W48	.762	17321	13.2	30	-B	3 C		106			
BIGB	16	1920	1922	1941	N12	W50	.781	17321	13.1	21	1N	3 C	1922	140	2.2		
PALE	16	1922	1922	1930	N14	W52	.805	17321	12.9	8	-F	3 C		44			
683	HOLL	16	1945	1947	2014	N18	E25	.516	17331	18.7	29	-N	3 C		29		
684	HOLL	16	1956	2001	2013	N14	W49	.775	17321	13.2	17	-F	3 C		24		
GRP90685	16	2025+2	2028+1	2035	N08	E10	.232	17331	17.6	10	-N			70	.7		
BIGB	16	2025	2028	2035	N08	E10	.232	17331	17.6	10	-N	3 C	2028	70	.7		
HOLL	16	2026	2029	2036	N08	E10	.232	17331	17.6	10	-N	3 C		86			
PALE	16	2027	2029	2035	N07	E11	.235	17331	17.7	8	-F	3 C		43			
686	CULG	16	2201	2212	2258	N11	E32	.559	17331	19.3	57	-N	C	2212	70	.8	
687	CULG	16	2214	2218	2226	N06	W06	.160	17327	16.5	12	-F	C	2218	60		
688	CULG	16	2237	2249	2311	S36	W12	.598	17326	16.0	34	-F	C	2249	30	.4	
GRP90689	16	2243>9	2335	2356D	N05	E20	.356	17331	18.4	73	-N						
LEAR	16	2243	2502	0128	N05	E25	.433	17331	18.8	165	-B	3 C		183			
CULG	16	2322	2335	2356	N05	E16	.294	17331	18.2	34	-F	C	2335	70	.7		
GRP90690	17	0035+1	0037+2 0050	0111	N16	E21	.453	17331	18.6	36	-N					F	
LEAR	17	0035	0037	0046	N15	E21	.443	17331	18.6	11	-N	3 C		23			
CULG	17	0036	0039	0111	N18	E21	.472	17331	18.6	35	-N	C	0039	150	1.7	F	
LEAR	17	0050	0050	0104D	N15	E22	.455	17331	18.7	14D	-F	3 C		21			

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Hale Plage Region	GMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks	
GRP90691	17	0106	0121 0146	0201D	S15	E02	.242	17330	17.2	55	-F						
CULG	17	0106	0121	0155	S16	E03	.261	17330	17.3	49	-F	C	0121	50	.5		
CULG	17	0138	0146	0201U	S14	E01	.223	17330	17.1	23D	-F	C	0146	120	1.2		
692	VORO	17	0128	0130	0132	N10	E10	.258	17331	17.8	4	-F	* C	0130	63	.7	D
693	CULG	17	0232	0245	0259	S18	E58	.860	17336	21.5	27	-F	C	0245	50	1.0	
GRP90694	17	0234>9	0329 0347	0421	N10	E17	.346	17331	18.4	107	-F						
CULG	17	0234	0329	0434	N06	E16	.301	17331	18.3	120	-F	C	0329	80	.8		
LEAR	17	0347	0347	0407	N14	E19	.409	17331	18.6	20	-F	3 C		31			
695	CULG	17	0341	0355	0444	S18	E50	.787	17336	20.9	63	-N	C	0355	90	1.4	
696	CULG	17	0342	0349	0406	N14	W62	.893	17321	12.5	24	-N	C	0349	30	.7	
GRP90697	17	0421+5	0424+5	0441	N07	E05	.166	17331	17.6	20	-B						
CULG	17	0421	0425	0449	N07	E07	.186	17331	17.7	28	-B	* C	0425	140	1.4	DH	
LEAR	17	0424E	0424U	0437	N05	E09	.189	17331	17.9	13D	-B	* C		43		D	
MITK	17	0424	0425	0445	N07	E05	.166	17331	17.6	21	1N	* C	0425	220	2.3	H	
MANI	17	0426	0427	0432D	N06	E05	.151	17331	17.6	6D	-N	* V		40	.4		
PURP	17	0428E	0429	0442	N07	E05	.166	17331	17.6	14D	1B	* C					
YUNN	17	0430E		0435	N08	E05	.181	17331	17.6	5D	-N	* P	0435	113	1.2	B	
698	CULG	17	0448	0449	0457	N12	W58	.858	17321	12.8	9	-F	C	0449	20	.4	
699	CULG	17	0504	0511	0528	N22	E17	.477	17331	18.5	24	-N	C	0511	170	1.9	F
700	CULG	17	0537	0542	0552	N11	W59	.865	17324	12.8	15	-F	C	0542	30	.7	
GRP90701	17	0543	0556+3	0612	N13	E22	.438	17331	18.9	29	-F						
CULG	17	0543	0556	0612	N15	E17	.396	17331	18.5	29	-F	C	0556	140	1.5	FK	
CULG	17	0556	0559	0612	N12	E27	.498	17331	19.3	16	-F	C	0559	40	.5	FK	
702	CULG	17	0547	0558	0605	N07	E06	.175	17331	17.7	18	-F	C	0558	50	.5	
703	LEAR	17	0639	0640	0648	N02	E07	.133	17331	17.8	9	-F	3 C		28		
704	CULG	17	0640	0643	0654	S18	E02	.292	17330	17.4	14	-N	C	0643	70	.7	
705	CULG	17	0658	0707	0716	S17	W52	.804	17318	13.4	18	-F	C	0707	30	.6	
706	CULG	17	0758	0801	0805	S17	W57	.850	17318	13.1	7	-F	C	0801	30	.6	
GRP90707	17	0801+3	0805+1	0820	N13	E15	.351	17331	18.5	19	-N			100	1.1	E	
CULG	17	0801	0805	0811D	N13	E15	.351	17331	18.5	10D	-N	P	0805	120	1.3		
HTPR	17	0804	0806	0819	N12	E14	.328	17331	18.4	15	-F	C	0806	60	.6	E	
LEAR	17	0804	0805	0821	N14	E17	.385	17331	18.6	17	-N	3 C		133			
708	HTPR	17	0806	0808	0812	N07	E01	.143	17331	17.4	6	-N	C	0808	50	.5	E
GRP90709	17	0816	0818	0820	N07	E02	.146	17331	17.5	4	-F			25	.3	E	
HTPR	17	0816	0818	0821	N07	E01	.143	17331	17.4	5	-F	C	0818	20	.2		
YUNN	17	0818E		0818	N08	E04	.173	17331	17.6		-N	P	0818	32	.3	E	
GRP90710	17	0844+1	0845+2	0855	N07	E03	.151	17331	17.6	11	-B			120	1.2	DHV	
ATHN	17	0844	0847	0910	N10	E07	.227	17331	17.9	26	-B	2 V	0847	111	1.2		
ABST	17	0844	0845	0850	N06	E04	.142	17331	17.7	6	-N	C	0845	131	1.3	DV	
LEAR	17	0845	0846	0858	N06	E03	.135	17331	17.6	13	-B	3 C		138		D	
HTPR	17	0845	0847	0854	N07	E01	.143	17331	17.4	9	-B	C	0847	100	1.0	E	
YUNN	17	0846E	0846	0852	N08	E03	.167	17331	17.6	6D	1N	P		193	2.1		
WEND	17	0847E	0847	0857	N08	E03	.167	17331	17.6	10D	-B	C	0847	78	.8	H	
GRP90711	17	0943+3	0949+6	1006	N09	E12	.270	17331	18.3	23	-F			40	.4	E	
HTPR	17	0943	0955	1006	N09	E12	.270	17331	18.3	23	-F	C	0955	40	.4	E	
WEND	17	0945	0951	1008	N10	E13	.294	17331	18.4	23	-F	C	0951	47	.5		
LEAR	17	0946	0949	0958	N07	E10	.223	17331	18.2	12	-F	3 C		34			

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
GRP90712	17	1133	1134 1141	1200	N07	00	.142	17331	17.5	27	-N			45	.5	EHK
HTPR	17	1133	1134	1200	N07	W01	.143	17331	17.4	27	-N	C	1141	50	.5	EK
HTPR	17	1133	1141	1200	N07	W01	.143	17331	17.4	27	-N	C				
WEND	17	1136E		1151D	N08	E02	.163	17331	17.6	15D	-N	C	1136	44	.5	H
GRP90713	17	1206+1	1209+2	1300	N10	E07	.227	17331	18.0	54	1B			480	4.9	AI
HTPR	17	1206	1209	1300	N10	E06	.219	17331	18.0	54	1B	C	1209	450	4.5	EIA
RAMY	17	1206	1209	1310	N10	E07	.227	17331	18.0	64	2B	3 C		646		D
WEND	17	1207	1211	1243	N11	E08	.251	17331	18.1	36	1N	P	1211	338	3.6	
GRP90714	17	1256+1	1257+2	1316	N07	E07	.186	17331	18.1	20	-F			40	.4	E
HTPR	17	1256	1257	1326	N07	E09	.210	17331	18.2	30	-F	C	1257	50	.5	E
RAMY	17	1257	1259	1305	N07	E05	.166	17331	17.9	8	-N	3 C		33		
GRP90715	17	1343+2	1347+0	1353	N07	W01	.143	17331	17.5	10	-F			45	.5	EH
HTPR	17	1343	1347	1352	N07	W01	.143	17331	17.5	9	-N	C	1347	40	.4	E
WEND	17	1345	1347	1354	N08	W01	.160	17331	17.5	9	-F	C	1347	50	.5	H
GRP90716	17	1435+2	1438+2	1451	N16	E14	.375	17331	18.7	16	-F			70	.8	E
HTPR	17	1435	1438	1451	N16	E15	.385	17331	18.7	16	-F	C	1438	80	.8	E
WEND	17	1437	1440	1446D	N16	E13	.365	17331	18.6	9D	-F	C	1440	72	.8	
	17	1505	1510	NO FLARE PATROL												
GRP90717	17	1634+1	1636+4	1704	N14	W60	.877	17321	13.2	30	-F			80	1.7	
HOLL	17	1634	1636	1710	N15	W59	.870	17321	13.3	36	-N	3 C		69		
BIGB	17	1635	1640	1657	N13	W61	.884	17321	13.1	22	-F	1 C	1640	90	1.9	
GRP90718	17	1819+3	1829+1	1904	S18	E50	.787	17336	21.5	45	1N			130	2.1	D
BIGB	17	1819	1829	1904	S18	E50	.787	17336	21.5	45	1B	2 C	1829	150	2.4	
PALE	17	1822	1830	1852	S18	E50	.787	17336	21.5	30	-N	3 C		123		D
HOLL	17	1858	1859	1929	S19	E46	.748	17336	21.2	31	-F	3 C		72		
719 CULG	17	2047	2049	2055	S18	W08	.319	17330	17.3	8	-F	C	2049	30	.3	
720 CULG	17	2105	2110	2133	N08	E04	.173	17331	18.2	28	-F	C	2110	160	1.6	F
721 CULG	17	2109	2114	2134	N07	E25	.442	17333	19.8	25	-F	C	2114	40	.4	
722 CULG	17	2137	2143	2148	N15	W64	.908	17321	13.1	11	1N	C	2143	130	3.2	
723 CULG	17	2246	2251	2257	N08	W03	.167	17331	17.7	11	-N	C	2251	60	.6	H
GRP90724	17	2253+2	2257+6	2340D	N15	W62	.894	17321	13.3	47	-B					
CULG	17	2253	2303	2315D	N16	W62	.895	17321	13.3	22D	1N	C	2303	180	4.2	F
HOLL	17	2255	2257	2340D	N14	W62	.893	17321	13.3	45D	-B	3 C		65		D
725 YUNN	18	0013E		0015	N14	W61	.885	17323	13.4	2D	-N	P	0013	48	1.0	
GRP90726	18	0141+1	0143+8	0218	N07	E01	.145	17331	18.1	37	1B			350	3.5	
PURP	18	0141	0146	0156	N06	E02	.131	17331	18.2	15	1N	C				
PALE	18	0141	0143	0211	N07	E03	.153	17331	18.3	30	1B	2 C		263		D
PEKG	18	0141	0151	0231	N07	E00	.144	17331	18.1	50	1B	C	0149	421	4.4	F
MITK	18	0142	0143	0220	N07	E03	.153	17331	18.3	38	1B	C	0143	450	4.7	E
MANI	18	0143E	0143	0230D	N07	W02	.148	17331	17.9	47D	1B	1 V		215	2.2	F
LEAR	18	0144E	0144U	0245D	N05	W03	.121	17331	17.8	61D	1B	2 C		378		D
YUNN	18	0146E	0146	0200	N07	E03	.153	17331	18.3	14D	1B	P		401	4.2	E
GRP90727	18	0230+0	0230+2	0236	S06	E09	.176	17332	18.8	6	-N					
PALE	18	0230	0230	0236	S06	E10	.192	17332	18.9	6	-F	2 C		26		
YUNN	18	0230E	0231	0235	S07	E09	.185	17332	18.8	5D	-N	P		161	1.7	E
PEKG	18	0230	0232	0256	S06	E09	.176	17332	18.8	26	1N	C	0232	294	3.1	F
728 LEAR	18	0704	0711	0713	S18	E47	.755	17336	21.8	9	-F	3 C		22		
GRP90729	18	0807+9	0823+1	0839	N14	E02	.265	17331	18.5	32	-F			90	.9	DJ
CULG	18	0807	0823	0825D	N12	E02	.232	17331	18.5	18D	-F	* C	0823	50	.5	
LEAR	18	0814	0824	0839	N14	E01	.264	17331	18.4	25	-F	* C		88		
ABST	18	0816	0823	0838	N16	E05	.308	17331	18.7	22	-F	* C	0823	131	1.4	DJ

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
730	LEAR	18 0810	0818	0826	S18	E46	.745	17336	21.8	16	-F	3 C		28		
731	ABST	18 0826	0829	0838	S18	E46	.745	17336	21.8	12	-F	C	0829	87	1.4	DJ
732	LEAR	18 0915	0916	0923	N04	W07	.152	17331	17.9	8	-F	3 C		28		
733	WEND	18 0915	0920	0944D	S17	W17	.390	17330	17.1	29D	-F	C	0920	88	1.0	E
		18 0945	1044	NO FLARE PATROL												
GRP90734		18 1219>9	1226	1242	N04	E47	.734	17338	22.0	23	-F					D
	LVOV	18 1219	1226	1240	N03	E50	.768	17338	22.3	21	1F	C	1226	200	3.1	'D
	KANZ	18 1239	1239	1243	N06	E45	.713	17338	21.9	4	-F	2				
		18 1301	1310	NO FLARE -PATROL												
		18 1401	1517	NO FLARE PATROL												
GRP90735		18 1908>9	1922+1	1936	N08	W14	.288	17331	17.7	28	-N			70	.7	D
	PALE	18 1908	1923	1939	N07	W11	.237	17331	18.0	31	-N	2 C		44		
	HOLL	18 1913	1922	1928	N08	W14	.288	17331	17.8	15	-B	3 C		84		D
	BIGB	18 1921	1922	1936	N08	W15	.302	17331	17.7	15	-N	3 C	1922	80	.9	
736	CULG	18 2009	2012	2026	N15	E01	.281	17331	18.9	17	-F	C	2012	50	.5	
737	CULG	18 2033	2044	2052	N03	E51	.779	17338	22.7	19	-F	C	2044	40	.6	
GRP90738		18 2205+8	2220+2	2305	S33	W36	.724	17326	16.2	60	2F			360	5.2	U
	CULG	18 2205	2220	2316	S32	W37	.663	17326	16.1	71	1N	C	2220	280	4.2	U
	BIGB	18 2213	2222	2254	S35	W35	.730	17326	16.3	41	2F	3 C	2222	450	5.7	
739	CULG	18 2212	2221	2244	S09	W01	.136	17332	18.8	32	-F	C	2221	40	.4	
GRP90740		18 2225+5	2231+3	2250	N14	W01	.264	17331	18.9	25	-F			70	.7	
	CULG	18 2225	2234	2250	N14	W01	.264	17331	18.9	25	-N	C	2234	80	.8	
	BIGB	18 2230	2231	2249	N15	W02	.282	17331	18.8	19	-F	3 C	2231	60	.6	
741	CULG	18 2339	2346	0014	N05	W15	.280	17331	17.9	35	?F	C	2346	200	2.1	F
			IMP.1 NO : BIGB													
GRP90742		19 0012+3	0014+4	0026	N14	W08	.298	17331	18.4	14	-F			90	.9	E
	VORO	19 0012	0014	0026	N15	W08	.312	17331	18.4	14	-F	C	0014	72	.8	E
	PEKG	19 0015	0018	0025	N14	W09	.305	17331	18.3	10	-N	C	0017	118	1.3	E
GRP90743		19 0101+9	0106+8	0130	N12	W11	.297	17331	18.2	29	-F			100	1.0	EJKL
	CULG	19 0101	0109	0226	N13	W11	.310	17331	18.2	85	-N	C	0109	180	1.9	FKT
	LEAR	19 0105	0107	0117	N12	W11	.297	17331	18.2	12	-F	3 C		69		
	VORO	19 0105	0106	0131	N13	W12	.320	17331	18.1	26	-N	C	0106	99	1.1	EJL
	PEKG	19 0110	0114	0129	N12	W11	.297	17331	18.2	19	-F	P	0114	105	1.1	E
744	CULG	19 0210	0212	0218	N07	W19	.354	17331	17.7	8	-N	C	0212	20	.2	
GRP90745		19 0230+5	0237+3	0248	S04	E60	.866	17340	23.6	18	1B			140	2.8	EJ
	CULG	19 0230	0238	0255	S03	E60	.866	17340	23.6	25	1B	C	0238	120	2.5	
	LEAR	19 0232	0237	0250	S06	E61	.875	17340	23.7	18	1B	3 C		165		
	PURP	19 0233	0237	0239D	S05	E59	.857	17340	23.5	6D	1B	P				
	VORO	19 0233	0238	0250	S05	E61	.875	17340	23.7	17	1B	C	0238	206	4.1	EJ
	PEKG	19 0234	0240	0245	S04	E61	.874	17340	23.7	11	1B	P	0240	143	2.9	E
	PALE	19 0235	0238	0243	S04	E60	.866	17340	23.6	8	-F	2 C		70		
GRP90746		19 0234>9	0250+4	0322	N13	W12	.320	17331	18.2	48	-F			90	.9	EJK
	VORO	19 0234	0250	0323	N13	W12	.320	17331	18.2	49	-F	C	0250	72	.9	EJK
	PEKG	19 0245	0254	0321	N13	W13	.331	17331	18.1	36	-F	C	0254	109	1.2	E
747	CULG	19 0243	0247	0255	S13	E28	.501	17336	21.2	12	-F	C	0247	30	.3	
748	CULG	19 0248	0250	0300	N03	E45	.710	17338	22.5	12	-F	C	0250	40	.6	

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP	Dur	Imp	Obs	Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
							Dist	Region									
GRP90749	19	0423	0442+4	0459	N15	W06	.300	17331	18.7	36	-F						E
CULG	19	0423	0442	0507	N16	W04	.306	17331	18.9	44	-N	C	0442	160	1.7		
LEAR	19	0439E	0445U	0448D	N15	W06	.300	17331	18.7	9D	-F	2 C		73			
PEKG	19	0442	0446	0451	N15	W07	.306	17331	18.7	9	-F	C	0446	42	.4		E
	19	0903	1512	NO FLARE PATROL													
750 HOLL	19	1954	1955	2003	N06	W26	.454	17331	17.9	9	-F	2 C		29			
GRP90751	19	2010+2	2014+0	2053	N05	W24	.420	17331	18.0	43	1N			250	2.8		FK
CULG	19	2010	2024	2058	N08	W23	.419	17331	18.1	48	1B	C	2024	180	2.0		FK
BIGB	19	2012	2014	2049	N05	W24	.420	17331	18.0	37	1N	3 C	2014	290	3.2		
HOLL	19	2012	2014	2057	N05	W25	.435	17331	18.0	45	1N	2 C		252			
PALE	19	2018E	2018U	2027	N04	W26	.447	17331	17.9	9D	-F	2 C		34			
GRP90752	19	2034+1	2035+6	2104	N03	E39	.632	17338	22.8	30	-F			120	1.5		
CULG	19	2034	2035	2120	N03	E40	.646	17338	22.9	46	1N	C	2035	160	2.1		
BIGB	19	2034	2040	2104	N05	E37	.609	17338	22.6	30	-F	3 C	2040	120	1.5		
HOLL	19	2035	2041	2059	N02	E39	.631	17338	22.8	24	-F	2 C		79			
753 CULG	19	2041	2047	2129	S15	E41	.678	17342	22.9	48	-F	C	2047	90	1.3		
GRP90754	19	2102+4	2108+2	2121	N15	W15	.376	17331	18.8	19	-F			150	1.6		
CULG	19	2102	2110	2126	N16	W15	.388	17331	18.8	24	-N	C	2110	110	1.2		
BIGB	19	2106	2108	2116	N15	W15	.376	17331	18.8	10	-F	3 C	2108	190	2.0		
755 CULG	19	2159	2210	2233	N07	W25	.443	17331	18.0	34	-F	C	2210	100	1.2		
756 CULG	19	2214	2219	2228	S19	E21	.455	17336	21.5	14	-F	C	2219	60	.7		
757 CULG	19	2308	2325	2338U	N08	W27	.477	17331	17.9	30D	-N	C	2325	120	1.4		FK
758 CULG	19	2348	2401	0017	S19	W37	.647	17330	17.2	29	-F	C	2401	40	.5		
GRP90759	20	0007+2	0010+3	0025	N15	W15	.378	17331	18.9	18	-N			140	1.5		E
CULG	20	0007	0013	0027	N18	W13	.396	17331	19.0	20	-N	C	0013	150	1.7		
LEAR	20	0009	0011	0030	N15	W15	.378	17331	18.9	21	-N	3 C		131			
MITK	20	0009	0013	0022	N15	W15	.378	17331	18.9	13	-N	C	0013				E
PEKG	20	0010E	0010	0016	N15	W15	.378	17331	18.9	6D	-B	P	0010	139	1.5		E
GRP90760	20	0039+3	0043+0	0052	N05	W30	.510	17331	17.8	13	-F			35	.4		
CULG	20	0039	0043	0050	N07	W30	.517	17331	17.8	11	-F	C	0043	30	.3		
LEAR	20	0042	0043	0053	N04	W30	.507	17331	17.8	11	-N	3 C		43			
761 CULG	20	0128	0131	0136	N09	W26	.469	17331	18.1	8	-N	C	0131	60	.7		
762 LEAR	20	0217	0218	0223	N05	W33	.553	17331	17.6	6	-F	3 C		33			
GRP90763	20	0223+5	0228+2	0237	N16	W17	.411	17331	18.8	14	-N			50	.5		
CULG	20	0223	0229	0243	N20	W18	.467	17331	18.7	20	-N	C	0229	60	.6		T
LEAR	20	0227	0228	0235	N16	W16	.400	17331	18.9	8	-N	3 C		43			
PEKG	20	0228	0229	0236	N17	W17	.422	17331	18.8	8	-N	C	0229	42	.5		D
VORO	20	0228E	0230	0238	N16	W18	.422	17331	18.8	10D	-F	P	0230	45	.5		CE
764 CULG	20	0346	0352	0405	N13	E72	.955	17341	25.6	19	?F	C	0352	100			
			IMP.1 NO : PEKG														
765 CULG	20	0355	0358	0415	N18	W20	.465	17331	18.7	20	-N	C	0358	60	.6		T
766 LEAR	20	0517	0518	0527	N16	W18	.422	17331	18.9	10	-N	3 C		43			
GRP90767	20	0624+4	0628+1	0646	S17	W41	.684	17330	17.2	22	-F						D
CULG	20	0624	0628	0647	S17	W40	.673	17330	17.3	23	-N	C	0628	50	.7		
PEKG	20	0628	0629	0645	S18	W43	.711	17330	17.0	17	-F	C	0629	13	.2		D
768 CULG	20	0641	0709	0721	N18	W20	.465	17331	18.8	40	-N	C	0709	140	1.5		FT
769 CULG	20	0715	0724D	0724D	N05	W35	.582	17331	17.7	9D	-N	P	0724	80	1.0		
770 LEAR	20	0729E	0729U	0743	N03	W37	.605	17331	17.5	14D	-F	2 C		67			

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP Day	Dur (Min)	Imp	Obs Type	Area Measurement			Remarks
							cen Dist	Plage Region					Time (UT)	Appar (Disk)	Corr (Sq Deg)	
771	LEAR	20 0809	0811	0815	S16	W42	.693	17330	17.2	6	-F	2 C		30		
772	LEAR	20 0924E	0927	0940	S08	E41	.661	17340	23.5	16D	-N	2 C		106		
		20 1014	1228	NO FLARE PATROL												
773	RAMY	20 1330	1338	1354	S04	E40	.643	17340	23.6	24	-N	3 C		43		
774	RAMY	20 1515	1517	1527	S20	W46	.750	17330	17.2	12	-F	3 C		23		
775	RAMY	20 1551	1553	1622	N12	W37	.631	17331	17.9	31	-N	3 C		34		
GRP90776	20 1637+1	1638+3	1656	N15	W28	.534	17331	18.6	19	-N				70	.8	
BIGB	20 1637	1639	1656	N15	W28	.534	17331	18.6	19	-F	2 C	1639	120	1.4		
HOLL	20 1637	1638	1656	N16	W25	.504	17331	18.8	19	-N	3 C		49			
RAMY	20 1638	1641	1654	N14	W28	.527	17331	18.6	16	-N	3 C		72			
777	HOLL	20 1637	1637	1654	S17	E14	.354	17336	21.7	17	-F	3 C		20		
GRP90778	20 1701+1	1706+4	1730	S20	W47	.760	17330	17.2	29	1B				220	3.4	D
HOLL	20 1701	1706	1730	S18	W47	.754	17330	17.2	29	1B	3 C		172			
RAMY	20 1702	1710	1732	S21	W47	.763	17330	17.2	30	1B	3 C		178			D
BIGB	20 1702	1707	1725	S20	W49	.780	17330	17.0	23	1N	2 C	1707	320	5.0		
779	CULG	20 2010	2013	2022	N05	W38	.623	17331	18.0	12	-N	C	2013	60	.8	
780	CULG	20 2027	2037	2047	N14	W38	.652	17331	18.0	20	-F	C	2037	50	.6	
GRP90781	20 2042+3	2047+3	2102	S19	W49	.778	17330	17.2	20	-B				90	1.4	D
CULG	20 2042	2047	2103	S19	W48	.768	17330	17.3	21	-B	C	2047	70	1.1		
BIGB	20 2044	2050	2058	S20	W50	.790	17330	17.1	14	-N	2 C	2050	90	1.4		
RAMY	20 2044	2049	2053D	S20	W51	.800	17330	17.0	9D	-B	3 C		125			D
HOLL	20 2045	2050	2102	S18	W49	.775	17330	17.2	17	-B	3 C		85			
782	CULG	20 2110	2113	2120	N13	E62	.892	17341	25.5	10	-F	C	2113	50	1.1	
783	CULG	20 2147	2149U	2149D	N03	W40	.646	17331	17.9	2D	-N	C	2149	40	.5	
GRP90784	21 0047+2	0048+2	0056	N14	W29	.540	17331	18.9	9	-F				45	.5	E
VORO	21 0047	0048	0055	N15	W30	.560	17331	18.8	8	-F	C	0048	45	.6		E
LEAR	21 0049	0050	0056	N14	W29	.540	17331	18.9	7	-F	3 C		42			
GRP90785	21 0301>9	0313+1	0331	N10	W37	.624	17331	18.4	30	-F				160	2.0	EJ
LEAR	21 0301	0313	0327	N08	W40	.657	17331	18.1	26	-F	3 C		125			
VORO	21 0311	0313	0333	N10	W38	.637	17331	18.3	22	1F	C	0313	152	2.1		EJ
LEAR	21 0312	0314	0328	N12	W34	.594	17331	18.6	16	-F	3 C		47			
GRP90786	21 0400+5	0402+3	0414	S19	W53	.816	17330	17.2	14	-B						D
LEAR	21 0400	0402	0418	S19	W53	.816	17330	17.2	18	-B	3 C		148			D
PURP	21 0400	0403	0405D	S19	W52	.807	17330	17.3	5D	1N	P					
YUNN	21 0405	0405	0409	S17	W55	.831	17330	17.0	4	-B	P		64	1.2		
787	RAMY	21 1343	1349	1419	S17	E04	.273	17336	21.9	36	-F	3 C		127		
788	HOLL	21 1536	1553	1609	N15	W39	.669	17331	18.7	33	-F	3 C		22		
GRP90789	21 1644+0	1647+4	1659	S20	W61	.885	17330	17.1	15	-N				50	1.1	
RAMY	21 1644	1649	1700	S21	W61	.887	17330	17.1	16	-N	3 C		47			
BIGB	21 1644	1647	1658	S20	W61	.885	17330	17.1	14	-N	2 C	1647	60	1.3		
HOLL	21 1644	1651	1659	S18	W62	.890	17330	17.0	15	-N	3 C		34			
GRP90790	21 1846+0	1849+1	1905	S16	E07	.274	17336	22.3	19	-F				60	.6	
BIGB	21 1846	1850	1904	S16	E08	.282	17336	22.4	18	-F	2 C	1850	70	.7		
HOLL	21 1846	1849	1906	S16	E06	.268	17336	22.2	20	-F	3 C		61			
GRP90791	21 1847+2	1852+1	1924	S16	E14	.341	17342	22.8	37	-F				50	.5	
BIGB	21 1847	1852	1924	S16	E14	.341	17342	22.8	37	-F	2 C	1852	60	.6		
HOLL	21 1847	1853	1929	S16	E16	.364	17342	23.0	42	-F	3 C		58			
RAMY	21 1849	1852	1911	S15	E12	.307	17342	22.7	22	-F	3 C		31			
792	HOLL	21 1907	1907	1920	N19	E46	.762	17341	25.2	13	-F	3 C		42		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale			Dur (Min)	Obs Imp	Type	Area Measurement			Remarks		
							Dist	Plage	OMP Day				Time (UT)	Appar (Disk)	Corr (Sq Deg)			
793	HOLL	21	1908	1920	1939	N15	W41	.693	17331	18.7	31	-F	3	C		33		
794	HOLL	21	1911	1912	1921	S16	W02	.250	17336	21.6	10	-F	3	C		28		
795	HOLL	21	1943	2120	2138	N15	W42	.704	17331	18.7	115	-F	3	C		37		
796	CULG	21	2137	2156	2210	S03	W38	.616	17332	19.1	33	-F		C	2156	60	.8	
797	CULG	21	2200	2203	2216	S05	E22	.378	17340	23.6	16	-N		C	2203	80	.9	
798	CULG	21	2205	2221	2222D	N14	W32	.579	17333	19.5	17D	-N		C	2221	80	1.0	
799	CULG	21	2206	2209	2214	N10	W50	.778	17331	18.2	8	-F		C	2209	50	.8	
800	CULG	21	2224	2321U IMP.1	0157U NO : BIGB	N05	E12	.237	17338	22.8	213D	?F		C	2321	300	3.0	F
801	HOLL	21	2246	2257	2313	N29	E64	.929	17346	26.7	27	-F	3	C		52		
802	HOLL	21	2259	2305	2317	N07	W54	.815	17331	17.9	18	-F	3	C		43		
GRP90803	LEAR	22	0130+1	0135+1	0150	N14	W44	.724	17331	18.8	20	-F				40	.6	EJ
	VORO	22	0130	0136	0149	N14	W44	.724	17331	18.8	19	-N	3	C		25		
		22	0131	0135	0150	N14	W44	.724	17331	18.8	19	-F		C	0135	54	.8	EJ
GRP90804	MITK	22	0157+9	0207+3	0231	N14	W44	.724	17331	18.8	34	-N						EJ
	CULG	22	0157	0207	0234	N14	W45	.735	17331	18.7	37	-N		C	0207			E
	VORO	22	0159	0210	0231	N14	W44	.724	17331	18.8	32	-N		C	0210	120	1.8	
	LEAR	22	0202	0207	0229	N14	W44	.724	17331	18.8	27	1N		C	0207	197	3.1	EJ
		22	0206	0207	0213D	N14	W45	.735	17331	18.7	7D	-B	3	C		39		D
805	LEAR	22	0206	0209	0231	N06	W37	.612	17333	19.3	25	-N	3	C		45		
806	LEAR	22	0408	0409	0417	S06	E18	.316	17340	23.5	9	-F	3	C		28		
807	LEAR	22	0605	0609	0617	N06	W39	.639	17333	19.3	12	-F	3	C		27		
808	CULG	22	0622	0634U	0636D	N14	W47	.756	17331	18.7	14D	-F		P	0634	100	1.7	
		22	0711	0858	NO FLARE PATROL													
		22	0924	0935	NO FLARE PATROL													
		22	1045	1154	NO FLARE PATROL													
		22	1201	1202	NO FLARE PATROL													
GRP90809	KANZ	22	1256+2	1258+2	1307	S17	E05	.276	17342	22.9	11	-F						
	RAMY	22	1256	1300	1307	S17	E05	.276	17342	22.9	11	-F	2					
		22	1258	1258	1307	S18	E05	.292	17342	22.9	9	-F	3	C		33		
GRP90810	KANZ	22	1256+2	1303+3	1321	N11	W58	.858	17331	18.2	25	-N						D
	RAMY	22	1256	1303	1315	N12	W59	.868	17331	18.1	19	-N	*					
		22	1258	1306	1326	N11	W57	.849	17331	18.3	28	-N	*	C		68		D
811	BIGB	22	1617	1620	1637	S19	E03	.301	17342	22.9	20	-N	3	C	1620	190	2.0	
812	BIGB	22	1813	1820	1910	N30	E58	.896	17346	27.1	57	1F	3	C	1820	150	2.9	
813	CULG	22	2027	2035	2046	N15	E36	.634	17341	25.6	19	-N		C	2035	70	.9	
814	CULG	22	2043	2047	2056	N13	W54	.825	17331	18.8	13	-F		C	2047	40	.7	
815	CULG	22	2104	2115	2127	S24	E74	.964	17348	28.4	23	-F		C	2115	60		
816	CULG	22	2207	2212	2229	S21	E71	.949	17348	28.2	22	-F		C	2212	50		
817	CULG	22	2238	2255	2306	N32	E53	.870	17346	26.9	28	-F		C	2255	60	1.2	F
818	CULG	22	2256	2303	2329	S18	E00	.280	17342	23.0	33	-F		C	2303	40	.4	
819	CULG	22	2308	2315	2332	S21	E71	.949	17348	28.3	24	?F		C	2315	120		
			IMP.1 NO : BIGB															

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP Day	Dur (Min)	Imp	Obs Type	Area Measurement			Remarks		
							cen Dist	Plage Region					Time (UT)	Appar (Disk)	Corr (Sq Deg)			
820	CULG	22	2309	2312	2324	N07	W68	.930	17331	17.9	15	-N	C	2312	60	1.5		
821	CULG	22	2315	2318	2329	N17	E37	.656	17341	25.7	14	-N	C	2318	50	.7		
822	CULG	22	2329	2330	2337	S03	E08	.141	17340	23.6	8	-F	C	2330	40	.4		
GRP90823	22	2335+3	2338+4	2359	N29	E53	.859	17346	27.0	24	-F				45	.9		
	CULG	22	2335	2342	0002	N30	E54	.870	17346	27.0	27	-N	C	2342	60	1.2		
	LEAR	22	2338	2338	2355	N28	E53	.856	17346	27.0	17	-F	3 C		28			
824	CULG	23	0020	0026	0041	N11	W51	.792	17333	19.2	21	-F	C	0026	60	1.0		
GRP90825	23	0047+3	0055+3	0133	N14	W57	.854	17331	18.8	46	2N				410	7.8		
	CULG	23	0047	0055	0147	N14	W56	.845	17331	18.8	60	2N	C	0055	400	8.0		
	LEAR	23	0050	0058	0133	N13	W58	.861	17331	18.7	43	2N	3 C		416			
	YUNN	23	0122E	0122	0125	N16	W57	.858	17331	18.8	30	-N	P		48	1.0		
GRP90826	23	0311+4	0317+0	0335	S15	W17	.363	17336	21.9	24	-F				60	.6		
	CULG	23	0311	0317	0340	S15	W17	.363	17336	21.9	29	-N	C	0317	70	.7		
	LEAR	23	0315	0317	0329	S16	W17	.373	17336	21.9	14	-F	3 C		53			
827	LEAR	23	0520	0523	0529D	S19	W20	.438	17336	21.7	9D	-F	3 C		46			
828	CULG	23	0534	0535	0544	N30	E52	.856	17346	27.1	10	-F	C	0535	40	.8		
GRP90829	23	0626+6	0635	0705	N13	W59	.869	17331	18.8	39	-N							
	CULG	23	0626	0635	0655	N13	W60	.878	17331	18.8	29	-N	C	0635	50	1.1		
	LEAR	23	0632	0644	0714D	N13	W59	.869	17331	18.8	42D	1N	3 C		140			
830	ABST	23	0803	0804	0810	S26	E75	.969	17348	29.0	7	-F	C	0804	87		EJ	
831	LEAR	23	0827	0828	0840	N16	E29	.556	17341	25.5	13	-F	3 C		70			
		23	1113	1119	NO FLARE PATROL													
		23	1131	1149	NO FLARE PATROL													
		23	1206	1221	NO FLARE PATROL													
		23	1229	1259	NO FLARE PATROL													
		23	1434	1456	NO FLARE PATROL													
832	HOLL	23	1544	1544	1553	N13	W68	.934	17331	18.6	9	-F	2 C		22			
GRP90833	23	1602+4	1607+3	1617	S23	E63	.903	17348	28.4	15	-N				50	1.2		
	BIGB	23	1602	1607	1627	S23	E65	.916	17348	28.5	25	-N	3 C	1607	70	1.7		
	HOLL	23	1606	1607	1617	S25	E62	.898	17348	28.3	11	-N	2 C		43			
	RAMY	23	1606	1610	1615	S22	E63	.901	17348	28.4	9	-F	3 C		25			
834	BIGB	23	1728	1731	1745	N18	E27	.548	17341	25.8	17	-F	3 C	1731	60	.7		
GRP90835	23	1839+2	1846+0	1910	N28	E43	.777	17346	27.0	31	-F				110	1.7		
	BIGB	23	1839	1846	1913	N28	E43	.777	17346	27.0	34	-F	3 C	1846	130	1.8		
	HOLL	23	1841	1846	1907	N29	E43	.782	17346	27.0	26	-F	3 C		103			
836	CULG	23	2212	2218	2229	S25	E67	.930	17348	28.9	17	-F	C	2218	40		T	
837	CULG	23	2335	2337	2348	S09	W74	.961	17332	18.4	13	-N	C	2337	50			
838	CULG	23	2357	2403	0013	S24	E60	.883	17348	28.5	16	-F	C	2403	60	1.3		
839	CULG	24	0042	0051	0101	S26	E60	.886	17348	28.5	19	?B	C	0051	120	2.4	HT	
			IMP.1	NO : PURP YUNN														
840	CULG	24	0102	0110	0129	N13	W68	.934	17331	18.9	27	?N	C	0110	140		FKI	
			IMP.1	NO : PURP YUNN														
GRP90841	24	0146+2	0149+2	0159	S26	E59	.878	17348	28.5	13	-F				60	1.3		
	CULG	24	0146	0149	0159	S26	E61	.893	17348	28.6	13	-N	C	0149	80	1.7	T	
	LEAR	24	0148	0151	0159	S26	E58	.871	17348	28.4	11	-F	3 C		44			

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale Cen Dist	Hale Plage Region	CMP Day	Dur (Min)	Obs Imp	Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks	
GRP90842	24	0249+2	0252+0	0257	S09	W78	.978	17332	18.3	8	-F						
CULG	24	0249	0252	0257	S09	W80	.984	17332	18.1	8	-N	C	0252	40			
LEAR	24	0251	0252	0257	S10	W76	.970	17332	18.4	6	-F	3 C					
843	CULG	24	0416E	0416E	0424	S26	E60	.886	17348	28.7	80	-F	P	0416	60	1.2	T
844	CULG	24	0453	0454	0504	N15	E18	.417	17341	25.6	11	-F	C	0454	100	1.1	
845	CULG	24	0453	0502	0508	S23	E10	.393	17349	25.0	15	-N	C	0502	100	1.1	T
846	CULG	24	0620	0627	0651	N14	W14	.361	17337	23.2	31	-N	C	0627	160	1.8	FL
847	CULG	24	0629	0634	0651	N04	W13	.247	17344	23.3	22	-N	C	0634	140	1.4	
848	CULG	24	0654	0702	0713	N08	W88	1.000	17331	17.7	19	-F	C	0702	30		
849	KANZ	24	1056	1059	1106	S10	E86	.997	17352	30.9	10	-F	2				
		24	1107	1150	NO FLARE PATROL												
850	WEND	24	1151E	1213D	N29	E34	.707	17346	27.0	220	-F	C	1151	28	.4		
GRP90851	24	1244	1248	1314	S10	E72	.951	17352	29.9	30	-B					AD	
			1305														
	RAMY	24	1244	1248	1314	S09	E70	.939	17352	29.8	30	-B	3 C			D	
	WEND	24	1256E		1313	S10	E71	.945	17352	29.9	170	-N	C	1256	62		
	WEND	24	1303	1305	1313	S11	E78	.978	17352	30.4	10	-B	C	1305	25	A	
852	WEND	24	1418	1424	1452	N17	E16	.418	17341	25.8	34	-F	C	1424	82	.9	
GRP90853	24	1424+2	1425+5	1450	S16	W36	.617	17336	21.9	26	-N			70	.9		
	RAMY	24	1424	1425	1456	S16	W36	.617	17336	21.9	32	-N	3 C	80			
	WEND	24	1426	1430	1443	S16	W36	.617	17336	21.9	17	-N	C	1430	56	.7	
GRP90854	24	1432+4	1435+4	1443	S24	E60	.882	17348	29.1	11	-F			30	.7		
	RAMY	24	1432	1435	1443	S26	E65	.919	17348	29.5	11	-F	3 C	22			
	WEND	24	1436	1439	1443	S22	E55	.839	17348	28.7	7	-F	C	1439	38	.7	
855	RAMY	24	1542	1543	1608	S11	E77	.974	17352	30.4	26	-F	3 C				
856	RAMY	24	1556	1559	1602	S17	W21	.431	17342	23.1	6	-F	3 C	24			
GRP90857	24	1620+0	1628+0	1641	S09	E70	.939	17352	29.9	21	-F			50			
	BIGB	24	1620	1628	1642	S09	E70	.939	17352	29.9	22	1F	2 C	1628	70	2.1	
	HOLL	24	1620	1628	1639	S10	E71	.945	17352	30.0	19	-F	3 C	37			
GRP90858	24	1658+1	1700+3	1706	S25	E49	.793	17348	28.4	8	-F			40	.7		
	BIGB	24	1658	1701	1706	S24	E50	.799	17348	28.5	8	-F	2 C	1701	70	1.1	
	RAMY	24	1659	1700	1706	S25	E49	.793	17348	28.4	7	-F	3 C	33			
	HOLL	24	1659	1703	1706	S26	E49	.796	17348	28.4	7	-F	3 C	30			
859	BIGB	24	1928	1940	1952	S24	E55	.843	17348	28.9	24	1F	2 C	1940	130	2.3	
860	CULG	24	2118	2122	2142	S20	E50	.788	17348	28.6	24	-N	C	2122	60	1.0	F
861	CULG	24	2144	2151	2159	N04	W20	.356	17344	23.4	15	-F	C	2151	40	.4	
862	CULG	25	0101	0108	0115	S08	E64	.898	17352	29.8	14	-F	C	0108	40	.9	
863	CULG	25	0102	0109	0121	N12	E08	.279	17341	25.6	19	-F	C	0109	100	1.0	
864	CULG	25	0129	0133	0140	S22	E48	.773	17348	28.7	11	-F	C	0133	40	.6	T
865	CULG	25	0145	0147	0150	S09	E78	.977	17352	30.9	5	-F	C	0147	30		
GRP90866	25	0223+3	0231+3	0305	S11	E66	.914	17352	30.0	42	1N					FU	
			0241														
	CULG	25	0223	0231	0319	S09	E68	.927	17352	30.2	56	2N	C	0231	220	5.5	F
	PEKG	25	0225	0232	0255	S10	E66	.914	17352	30.1	30	1N	C	0232	118	3.1	E
	LEAR	25	0225	0241	0301	S11	E67	.921	17352	30.1	36	1N	3 C	146			
	MITK	25	0226	0234	0327	S11	E66	.914	17352	30.1	61	2N	C	0234	300	7.1	FU
	YUNN	25	0231E	0231	0245	S12	E66	.914	17352	30.1	140	-N	P	64			

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale			Dur (Min)	Imp	Obs Type	Area Measurement			Remarks	
							Gen Dist	Plage Region	CMP Day				Time (UT)	Appar (Disk)	Corr (Sq Deg)		
867	CULG	25	0313	0320	0330	N14	E08	.309	17341	25.7	17	-F	C	0320	100	1.0	
GRP90868	25	0415+5	0423+6	0446	N05	W33	.555	17338	22.7	31	-N				60	.7	D
	CULG	25	0415	0429	0450	N05	W32	.659	17338	22.8	35	-N	C	0429	60	.7	
	LEAR	25	0418	0423	0446	N03	W33	.550	17338	22.7	28	-N	3 C		57		
	PEKG	25	0420	0426	0445	N05	W35	.583	17338	22.6	25	-N	C	0426	46	.6	D
GRP90869	25	0500+3	0505+0	0508	S21	E44	.729	17348	28.5	8	-F				45	.7	D
	CULG	25	0500	0505	0509	S21	E45	.740	17348	28.6	9	-F	C	0505	40	.6	
	PEKG	25	0503	0505	0506	S21	E43	.718	17348	28.4	3	-F	C	0505	46	.7	D
870	LEAR	25	0609	0610	0616	N17	W35	.636	17343	22.6	7	-F	3 C		43		
GRP90871	25	0649	0652+0	0657	S22	E42	.712	17348	28.4	8	-N				50	.7	
	LEAR	25	0649	0652	0657	S22	E43	.722	17348	28.5	8	-N	3 C		44		
	YUNN	25	0652E	0652	0657	S22	E42	.712	17348	28.4	50	-N	P		64	1.0	
872	LEAR	25	0702	0704	0709	S24	E44	.741	17348	28.6	7	-N	3 C		52		
873	LEAR	25	0716	0718	0727	S08	E59	.857	17352	29.7	11	-B	3 C		96		D
GRP90874	25	0956+1	1000+0	1016	S17	W30	.545	17342	23.2	20	-F						
	KANZ	25	0956	1000	1023	S17	W30	.545	17342	23.2	27	-F	2				
	LEAR	25	0957	1000	1008	S18	W31	.563	17342	23.1	11	-F	3 C		43		
875	KANZ	25	1107	1111	1121	S09	E63	.891	17352	30.2	14	-F	3				
GRP90876	25	1239+4	1251+1	1258	S21	E39	.674	17348	28.5	19	-F						H
	KANZ	25	1239	1251	1301	S20	E39	.670	17348	28.5	22	-N	3				
	WEND	25	1243	1252	1254	S22	E39	.679	17348	28.5	11	-F	C	1252	50	.7	H
877	KANZ	25	1254	1302	1313	N19	W01	.361	17341	25.5	19	-F	3				H
GRP90878	25	1329+1		1402	N20	W03	.380	17341	25.3	33	-F						DL
	KANZ	25	1329	1402	N20	W04	.382	17341	25.3	33	-F	3					L
	WEND	25	1330	1401	N21	W02	.394	17341	25.4	31	-N	C	1344	25	.3		D
GRP90879	25	1343>9	1359+3	1420	S22	E39	.679	17348	28.5	37	-B				100	1.4	L
			1411														
	KANZ	25	1343	1359	1406D	S21	E43	.718	17348	28.8	23D	-B	3				
	RAMY	25	1354	1359	1422	S22	E38	.668	17348	28.4	28	1B	3 C		115		D
	WEND	25	1358	1402	1411	S23	E43	.726	17348	28.8	13	-B	C	1402	75	1.1	
	WEND	25	1411	1411	1417	S23	E36	.651	17348	28.3	6	-N	C	1411	53	.7	EL
880	HOLL	25	1640	1640	1647	S22	E37	.657	17348	28.5	7	-F	3 C		66		
GRP90881	25	1859	1912	1922	S25	E34	.642	17348	28.3	23	-N						
	HOLL	25	1859	1912	1920	S26	E34	.649	17348	28.3	21	-N	3 C		151		
	RAMY	25	1906E		1923D	S29	E34	.642	17348	28.3	17D	-N	3 C		36		
882	RAMY	25	2052	2052U	2101	S09	E51	.779	17352	29.7	9	-N	3 C		44		
883	CULG	25	2230E	2230U	2238	S06	E50	.766	17352	29.7	8D	-F	C	2230	20	.4	
884	CULG	25	2251	2252	2308	N24	E55	.861	17350	30.1	17	-F	C	2252	40	.8	
885	CULG	25	2257E	2257	2310	S22	E33	.612	17348	28.4	13D	-N	C	2257	80	1.0	
886	CULG	25	2325	2326	2328	S04	E50	.766	17352	29.7	3	-N	C	2326	40	.6	
887	CULG	25	2325	2355U	0038	S28	E47	.785	17355	29.5	73	-F	C	2355	100	1.6	
888	CULG	25	2351	2358	0039	N20	W44	.749	17343	22.7	48	1N	C	2358	180	2.7	
889	CULG	26	0014	0018	0027	N30	E18	.596	17346	27.4	13	-F	C	0018	30	.4	
890	CULG	26	0158	0206U	0206D	S10	E55	.821	17352	30.2	8D	-N	P	0206	70	1.1	F
891	CULG	26	0227E	0227U	0230D	S23	E30	.584	17348	28.4	3D	-F	P	0227	40	.5	H

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	OMD	Hale Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks	
GRP90892	26	0233+2	0237+0	0243	S24	E28	.569	17348	28.2	10	-F			80	1.0		
LEAR	26	0233	0237	0243	S24	E29	.580	17348	28.3	10	-F	3 C		112			
YUNN	26	0235	0237	0237D	S24	E28	.569	17348	28.2	20	-N	P		48	.6		
893	LEAR	26	0306	0309	0314	N24	E51	.830	17350	30.0	8	-F	3 C		38		
894	CULG	26	0336	0340	0414	N04	W46	.724	17338	22.7	38	-N	C	0346	80	1.2	
GRP90895	26	0617+9	0625+4	0633	S26	E28	.586	17348	28.4	16	-N				100	1.2	
PURP	26	0617	0628	0635	S26	E29	.596	17348	28.4	18	1N	C					
LEAR	26	0624	0625	0633	S25	E28	.578	17348	28.4	9	-N	3 C			105		
YUNN	26	0626	0629	0631	S26	E28	.586	17348	28.4	5	-B	C			96	1.3	
GRP90896	26	0720+2	0721	0803	S22	E33	.611	17348	28.8	43	1B				350	4.5	FJKW
			0729+4														
ABST	26	0720	0729	0806	S18	E34	.600	17348	28.9	46	1N	C	0729	262	3.4	FJ	
YUNN	26	0720	0721	0735D	S23	E33	.617	17348	28.8	15D	2B	P	0728	450	6.0	FKW	
PEKG	26	0722	0731	0751	S21	E33	.605	17348	28.8	29	1B	C	0731	315	4.1	F	
PURP	26	0722E	0733	0800	S22	E33	.611	17348	28.8	38D	1B	C	0733	377	4.9	KW	
PURP	26	0722E	0729	0800	S22	E33	.611	17348	28.8	38D	1B	C					
CATA	26	0735E	0740	0810	S22	E32	.599	17348	28.7	35D	1F	2 P	0740	394	5.1		
897	PURP	26	0800E	0800	0803	N29	E11	.544	17346	27.2	3D	2F	P				
			IMP-1 NO : ABST CATA														
898	ABST	26	0812	0820	0825	N18	E36	.654	17361	29.0	13	-F	C	0820	87	1.2	DJ
GRP90899	26	0813+2	0815+1	0823	S24	E27	.559	17348	28.4	10	-F				120	1.5	DJ
ABST	26	0813	0816	0820	S23	E27	.550	17348	28.4	7	-N	C	0816	131	1.6	DJ	
CATA	26	0815	0815	0825	S26	E27	.576	17348	28.4	10	-F	2 C	0815	112	1.4		
900	ABST	26	0816	0820	0855	N15	W46	.751	17337	22.9	39	-F	C	0820	87	1.3	DJ
901	CATA	26	0900	0902	0905	S26	E27	.576	17348	28.4	5	-F	2 C	0902	56	.7	
		26	0906	0907	NO FLARE PATROL												
902	HTPR	26	1339	1348	1354	N20	W18	.476	17341	25.2	15	-F	C	1348	20	.2	E
GRP90903	26	1353+1	1355+4	1412	S20	E29	.551	17348	28.8	19	-F				40	.5	
HTPR	26	1353	1359	1420	S21	E29	.558	17348	28.8	27	-N	C	1359	40	.4		
RAMY	26	1354	1355	1404	S20	E29	.551	17348	28.8	10	-F	3 C		41			
904	HTPR	26	1430	1437	1500	N28	E04	.508	17346	26.9	30	-F	C	1437	20	.2	E
905	HTPR	26	1518		1521D	N16	W17	.420	17341	25.4	3D	-F	C	1518	20	.2	
906	HOLL	26	1639	1643	1658	S10	E49	.758	17352	30.4	19	-F	3 C		35		
GRP90907	26	1654+2	1658+0	1706	S26	E23	.536	17348	28.4	12	-F				90	1.1	
RAMY	26	1654	1658	1708	S26	E22	.527	17348	28.4	14	-F	3 C		77			
HOLL	26	1655	1658	1706	S29	E23	.567	17348	28.4	11	-F	3 C		107			
BIGB	26	1656	1658	1705	S26	E24	.546	17348	28.5	9	-F	2 C	1658	90	1.0		
GRP90908	26	1714+9	1746+1	1827	N11	W49	.772	17337	23.0	73	-F				130	2.0	
HOLL	26	1714	1747	1827	N11	W48	.761	17337	23.1	73	-F	3 C		140			
BIGB	26	1726	1746	1826	N11	W51	.793	17337	22.9	60	-F	2 C	1746	120	1.9		
909	HOLL	26	1858	1908	1918	N23	E35	.675	17357	29.4	20	-F	3 C		47		
GRP90910	26	2007+2	2009	2025	N27	E03	.491	17346	27.1	18	-F				90	1.0	
			2015+2														
RAMY	26	2007	2009	2025	N27	E03	.491	17346	27.1	18	-F	3 C		80			
HOLL	26	2009	2015	2025	N24	E03	.445	17346	27.1	16	-F	3 C		97			
CULG	26	2013E	2017	2021	N28	E05	.510	17346	27.2	8D	-F	C	2017	80	.9		
GRP90911	26	2014+1	2015+2	2021	S21	E21	.466	17348	28.4	7	-F				45	.5	
CULG	26	2014	2017	2021	S21	E22	.477	17348	28.5	7	-F	C	2017	60	.7		
RAMY	26	2015	2015	2020	S22	E21	.476	17348	28.4	5	-F	3 C		28			
912	CULG	26	2030	2052U	2114U	S10	E45	.712	17352	30.2	44D	-F	C	2052	70	1.0	JT

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale			Dur (Min)	Imp	Obs Type	Area Measurement			Remarks	
							Con Dist	Plage Region	CMP Day				Time (UT)	Appar (Disk)	Corr (Sq Deg)		
913	CULG	26	2032	2036	2115	S24	E22	.506	17348	28.5	43	-N	C	2036	120	1.4	H
914	CULG	26	2039	2042	2048	S33	W44	.781		23.6	9	-F	C	2042	20	.3	
GRP90915	26	2310+5	2316+2	2331	N24	E39	.721	17350	29.9	21	-N				70	1.0	
	CULG	26	2310	2318	2333	N24	E41	.740	17350	30.0	23	-N	C	2318	90	1.4	
	BIGB	26	2314	2316	2336	N25	E40	.736	17350	30.0	22	-N	2 C	2315	20	.3	
	MANI	26	2315	2317	2322	N24	E39	.721	17350	29.9	7	-N	1 V		50	.8	
	HOLL	26	2315	2316	2329	N20	E39	.698	17350	29.9	14	-N	3 C		86		
916	CULG	26	2314U	2348	0049U	S10	E44	.699	17352	30.3	95D	?N	C	2348	170	2.4	JT
			IMP.1		NO : MITK												
917	CULG	26	2317	2326	2344	S24	E20	.486	17348	28.5	27	-N	C	2326	90	1.0	H
918	CULG	27	0002	0008	0019	S25	E19	.488	17348	28.4	17	-N	C	0008	80	1.0	HT
919	CULG	27	0101	0121	0137	S10	E37	.610	17352	29.8	36	-F	C	0121	80	1.0	
920	CULG	27	0151	0156	0212U	N28	E02	.505	17346	27.2	21D	-F	C	0156	80	.9	
GRP90921	27	0152>9	0234+5	0257	N25	E39	.726	17350	30.0	65	-F						E
	CULG	27	0152	0234	0311	N25	E39	.726	17350	30.0	79	-N	C	0234	80	1.2	
	PEKG	27	0238	0239	0243	N25	E40	.736	17350	30.1	5	-F	P	0239	34	.5	E
GRP90922	27	0235+6	0241+1	0250	S22	E18	.445	17348	28.5	15	-B						EH
	CULG	27	0235	0241	0253	S21	E18	.433	17348	28.5	18	1B	C	0241	200	2.2	T
	PURP	27	0241	0242	0245	S22	E18	.445	17348	28.5	4	-N	C				E
	CULG	27	0248	0251	0254	S24	E18	.467	17348	28.5	6	-F	C	0251	30	.3	HT
923	LEAR	27	0319	0324	0327D	N25	E39	.726	17350	30.1	8D	-N	3 C		22		
924	PEKG	27	0425	0427	0437	N25	E38	.717	17350	30.0	12	-F	P	0427	34	.5	E
GRP90925	27	0427+8	0437	0445D	S10	E40	.649	17352	30.2	18	-F						DJ
	CULG	27	0427	0452	0549U	S10	E40	.649	17352	30.2	82D	-F	C	0452	60	.8	JT
	PEKG	27	0435	0437	0445	S10	E41	.662	17352	30.3	10	-F	P	0437	50	.7	D
926	PEKG	27	0427E	0427	0427D	S23	E23	.507	17348	28.9		-F	P	0427	34	.4	D
GRP90927	27	0540+0	0541+5	0612	S22	E21	.476	17348	28.8	32	-N						E
	MITK	27	0540	0541	0625	S23	E19	.466	17348	28.7	45	-N	C	0541			E
	PEKG	27	0540	0543	0625	S22	E21	.476	17348	28.8	45	-N	C	0543	71	.8	E
	PURP	27	0540	0542	0557	S22	E23	.498	17348	29.0	17	1N	C				
	CULG	27	0540U	0546	0613D	S22	E21	.476	17348	28.8	33D	1N	C	0546	290	3.3	
	YUNN	27	0540E	0541	0544	S22	E20	.465	17348	28.7	4D	-N	P		161	1.9	E
928	PEKG	27	0740	0746	0755	N27	E29	.649	17357	29.5	15	-F	C	0746	63	.9	D
GRP90929	27	0740+4	0745+5	0800	S27	E20	.520	17348	28.8	20	-N				160	1.9	E
	PEKG	27	0740	0745	0759	S27	E21	.529	17348	28.9	19	-N	* C	0745	88	1.1	E
	CATA	27	0740	0745	0800D	S27	E21	.529	17348	28.9	20D	1F	* P	0745	394	4.8	
	YUNN	27	0744	0747	0750	S27	E20	.520	17348	28.8	6	-N	* P		161	1.9	
	ATHN	27	0748E	0750	0816	S22	E19	.455	17348	28.7	28D	-B	* V	0750	159	1.8	
930	CATA	27	0900	0900	0905	S23	E20	.476	17348	28.9	5	-F	2 C	0900	68	.8	
GRP90931	27	1008	1012+0	1051	S23	E17	.446	17348	28.7	43	1B				330	3.7	FK
	YUNN	27	1008	1012	1020D	S23	E17	.446	17348	28.7	12D	1B	P		353	4.1	FK
	ATHN	27	1010E	1012	1051	S23	E17	.446	17348	28.7	41D	1B	3 V	1012	318	3.6	
		27	1151	1214	NO FLARE PATROL												
932	RAMY	27	1332	1332	1341	N26	E33	.677	17350	30.0	9	-F	3 C		29		
933	RAMY	27	1442	1443	1457	S08	E32	.535	17352	30.0	15	-F	3 C		82		
		27	1523	1526	NO FLARE PATROL												
934	HOLL	27	1701	1701	1705	S24	E13	.425	17348	28.7	4	-F	3 C		23		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
935	HOLL	27	1720	1721	1730	N27	E24	.606 17357	29.5	10	-F	3 C		32		
936	HOLL	27	1754	1754	1807	S26	E15	.466 17348	28.9	13	-F	3 C		22		
GRP90937	27	1802+2	1810+1	1903	S10	E32	.541 17352	30.2	61	-N			110	1.3		
RAMY	27	1802	1810	1906	S10	E31	.526 17352	30.1	64	-N	3 C		106			
BIGB	27	1803	1811	1901	S10	E32	.541 17352	30.2	58	-F	2 C	1811	40	.5		
HOLL	27	1804	1810	1903	S10	E32	.541 17352	30.2	59	-N	3 C		113			
938	CULG	27	2129	2130	2135	N25	E29	.631 17350	30.1	6	-F	C	2130	70	.9	
939	CULG	27	2212	2215U	2235U	S21	E09	.354 17348	28.6	23D	-F	C	2215	50	.6	
940	CULG	27	2219	2226U	2250D	S13	E30	.524 17352	30.2	31D	-F	P	2226	110	1.3	
GRP90941	27	2241+1	2242+1	2249	S23	E10	.389 17348	28.7	8	-N			45	.5		
CULG	27	2241	2243	2250U	S23	E11	.396 17348	28.8	9D	-N	C	2243	60	.7		
HOLL	27	2242	2242	2247	S24	E10	.404 17348	28.7	5	-N	3 C		28			
942	CULG	27	2309	2314	2355U	S24	E10	.404 17348	28.7	46D	-N	C	2314	120	1.3	HF
943	CULG	27	2315	2316	2322	S03	E28	.469 17352	30.1	7	-F	C	2316	90	1.0	H
944	CULG	27	2338U	2407	0045U	S12	E25	.448 17352	29.9	67D	-N	C	2407	70	.8	
945	CULG	27	2344	2344	2346	S10	E55	.821 17360	1.1	2	-F	C	2344	50	1.0	
946	CULG	28	0100	0109	0121	S25	E03	.386 17348	28.3	21	-B	C	0109	100	1.1	H
947	CULG	28	0301	0302	0309	S12	E30	.518 17352	30.4	8	-F	C	0302	100	1.2	
948	CULG	28	0318	0321	0343	S07	W63	.890 17340	23.4	25	?F	C	0321	110	2.5	F
			IMP.1	NO : MITK	PURP	YUNN										
949	CULG	28	0353	0356	0410	S12	E29	.504 17352	30.3	17	-N	C	0356	30	.3	
950	CULG	28	0359	0402	0411U	S21	E06	.332 17348	28.6	12D	?N	C	0402	200	2.1	F
			IMP.1	NO : MITK	PURP	YUNN										
951	CULG	28	0434	0437	0439	S23	E07	.368 17348	28.7	5	-N	C	0437	110	1.2	
GRP90952	28	0451+3	0456+0	0510	S11	E20	.368 17352	29.7	19	-N			140	1.5	E	
PEKG	28	0451E	0456	0510	S11	E20	.368 17352	29.7	19D	-N	P	0456	126	1.4	E	
MITK	28	0454	0456	0511	S12	E20	.374 17352	29.7	17	-N	C	0456			E	
YUNN	28	0455E	0456	0459	S11	E20	.368 17352	29.7	4D	-N	P		161	1.8	E	
953	LEAR	28	0609	0611	0617	N14	E13	.357 17361	29.2	8	-F	2 C		41		
954	LEAR	28	0902	0903	0907	N14	E10	.330 17361	29.1	5	-F	3 C		31		
GRP90955	28	0919+4	0922+1	0937	N16	E09	.351 17361	29.1	18	-F			30	.3	E	
HTPR	28	0919	0922	0940	N17	E08	.359 17361	29.0	21	-F	C	0922	20	.2	E	
LEAR	28	0923	0923	0934	N15	E10	.344 17361	29.1	11	-N	3 C		43			
GRP90956	28	0947+3	0950+1	0955	N14	E07	.307 17361	28.9	8	-N			50	.5	E	
HTPR	28	0947	0950	0955	N15	E05	.312 17361	28.8	8	-N	C	0950	70	.7	E	
LEAR	28	0950	0951	0954	N14	E07	.307 17361	28.9	4	-N	3 C		42			
CATA	28	0950	0950	0955	N13	E07	.292 17361	28.9	5	-F	2 C	0950	39	.4		
957	HTPR	28	0957	1001	1012	S20	E04	.308 17348	28.7	15	-F	C	1001	10	.1	
958	HTPR	28	1038	1044	1053	S09	E16	.295 17352	29.6	15	-F	C	1044	20	.2	E
GRP90959	28	1110+9	1113	1140	S22	E02	.335 17348	28.6	30	1N			230	2.5	E	
			1131+7													
HTPR	28	1110	1113	1130	S21	E04	.324 17348	28.8	20	-F	C	1113	20	.2		
HTPR	28	1127	1131	1138	S21	E02	.319 17348	28.6	11	1N	C	1131	230	2.3	E	
WEND	28	1131	1134	1140	S22	E01	.334 17348	28.6	9	1N	C	1134	275	3.0		
ATHN	28	1135E	1138	1145	S23	E02	.352 17348	28.6	10D	-B	2 V	1138	80	.9		
960	HTPR	28	1131	1138	1144	S13	E01	.183	28.6	13	*-F	C	1138	40	.4	

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale		CMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement		Remarks	
							Cen Dist	Plage Region						Appar (Disk)	Corr (Sq Deg)		
961	HTPR	28	1200	1201	1214	S23	W01	.351	17348	28.4	14	-F	C	1201	20	.2	
962	HTPR	28	1212	1214	1225	S18	W09	.306	17356	27.8	13	-F	C	1214	30	.3	E
963	RAMY	28	1244	1312	1436	N15	E08	.329	17361	29.1	112	-F	3 C		53		
GRP90964	28	1256+0	1258+3	1322	S09	E22	.388	17352	30.2	26	-N						
	KANZ	28	1256	1301	1320	S09	E20	.357	17352	30.0	24	-F	2				
	HTPR	28	1256	1258	1313	S07	E26	.443	17352	30.5	17	-B	C	1258	30	.3	
	HTPR	28	1256	1258	1323	S10	E22	.392	17352	30.2	27	-N	C	1258	30	.3	
965	HTPR	28	1257	1258	1306	S23	W01	.351	17348	28.5	9	-N	C	1258	30	.3	
966	HTPR	28	1344	1346	1352	S24	W01	.367	17348	28.5	8	-B	C	1346	60	.6	
967	HTPR	28	1402	1404	1407	N16	E19	.444	17351	30.0	5	-F	C	1404	20	.2	E
968	HTPR	28	1409	1410	1419	S10	E17	.317	17352	29.9	10	-F	C	1410	30	.3	E
GRP90969	28	1429+3	1431+2	1441	S22	00	.334	17348	28.6	12	-F			70	.7	E	
	HTPR	28	1429	1431	1440	S22	E01	.334	17348	28.7	11	-N	C	1431	60	.6	E
	RAMY	28	1432	1433	1442	S22	W01	.334	17348	28.5	10	-F	3 C		87		
970	RAMY	28	1540	1542	1545	S24	W04	.372	17348	28.4	5	-F	3 C		22		
	28	1609	1613	NO FLARE PATROL													
	28	1626	1634	NO FLARE PATROL													
GRP90971	28	1718	1723+1	1810	S20	E01	.301	17348	28.8	52	-N						
	BIGB	28	1718	1724	1759	S20	E02	.303	17348	28.9	41	-N	1 C	1724	60	.6	
	HOLL	28	1721E	1723U	1821	S20	E01	.301	17348	28.8	60D	-N	2 C		177		
GRP90972	28	1904+1	1907+2	1929	S22	W05	.344	17348	28.4	25	-B			130	1.4		
	HOLL	28	1904	1907	1929	S22	W05	.344	17348	28.4	25	1B	3 C		308		
	BIGB	28	1905	1909	1927	S24	W05	.375	17348	28.4	22	-N	2 C	1909	100	1.0	
	PALE	28	1905	1908	1929	S22	W04	.340	17348	28.5	24	-B	2 C		133		
GRP90973	28	1924+0	1928+0	1939	N15	00	.301	17361	28.8	15	-F			50	.5		
	BIGB	28	1924	1928	1944	N15	W03	.305	17361	28.6	20	-F	2 C	1928	40	.4	
	HOLL	28	1924	1928	1934	N15	E03	.305	17361	29.0	10	-N	3 C		67		
974	HOLL	28	1951	2000	2010	S24	W01	.367	17348	28.8	19	-N	3 C		62		
975	HOLL	28	2122	2137	2149D	S22	W06	.348	17348	28.4	27D	-B	3 C		161		D
GRP90976	28	2306+1	2310+2	2320	S25	W05	.391	17348	28.6	14	-N			60	.7		
	LEAR	28	2306E	2312	2317	S24	W04	.372	17348	28.7	11D	-N	3 C		60		
	BIGB	28	2307	2310	2322	S26	W07	.414	17348	28.4	15	-N	2 C	2310	60	.6	
GRP90977	28	2339+1	2340+2	0025	S23	W08	.373	17348	28.4	46	-N			50	.5	H	
			2352														
	BIGB	28	2339	2342	2359U	S24	W09	.394	17348	28.3	20D	-F	2 P	2342	50	.5	
	MITK	28	2340	2340	2343D	S25	W08	.403	17348	28.4	3D	-N	C	2340			D
	LEAR	28	2342E	2342U	0037	S23	W08	.373	17348	28.4	55D	-B	3 C		60		D
	MITK	28	2350E	2352	2358	S21	W06	.332	17348	28.5	8D	-F	C	2352			H
	MITK	28	2355	2400	0013	S23	W07	.368	17348	28.5	18	-B	C	2400			EH
978	LEAR	28	2348	2402	0034	S08	E14	.259	17352	30.0	46	-F	3 C		147		
GRP90979	29	0024+6	0026+7	0035	S22	W08	.356	17348	28.4	11	-N			50	.5	EH	
	MITK	29	0024	0026	0035	S23	W08	.371	17348	28.4	11	-B	* C	0026			H
	PURP	29	0026E	0029	0038	S22	W09	.363	17348	28.3	12D	-N	* C				E
	PALE	29	0026E	0029	0035	S22	W08	.356	17348	28.4	9D	-F	* C		49		
	YUNN	29	0030	0033	0035	S22	W09	.363	17348	28.3	5	-N	* C		48	.5	
GRP90980	29	0036+1	0038+4	0050	S06	E13	.232	17352	30.0	14	-F						
	MITK	29	0036	0038	0048	S03	E12	.208	17352	29.9	12	-F	C	0038			
	LEAR	29	0037	0042	0051	S09	E14	.264	17352	30.1	14	-F	3 C		39		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale			Dur (Min)	Imp	Obs Type	Area Measurement			Remarks	
							Cen Dist	Plage Region	CMP Day				Time (UT)	Appar (Disk)	Corr (Sq Deg)		
GRP90981	29	0148+4	0153+3	0200	S21	W07	.336	17348	28.5	12	1N						
MITK	29	0148	0153	0200	S22	W07	.351	17348	28.5	12	-N	C	0153				H
LEAR	29	0149	0155	0200	S24	W05	.373	17348	28.7	11	1N	3 C		250			
VORO	29	0150	0154	0204	S21	W08	.341	17348	28.5	14	1F	C	0154	224	2.4		EH
PALE	29	0150	0156	0159	S21	W06	.330	17348	28.6	9	-F	2 C		51			
PURP	29	0152	0155	0158	S21	W09	.348	17348	28.4	6	1N	C					
982 PURP	29	0230	0233	0238D	S21	W07	.336	17348	28.6	8D	-N	C					D
GRP90983	29	0316+3	0322+0	0327	N14	W01	.287	17361	29.1	11	-F			50	.5		EJ
LEAR	29	0316	0322	0325	N14	E00	.286	17361	29.1	9	-N	3 C		38			
VORO	29	0319	0322	0329	N15	W02	.305	17361	29.0	10	-F	C	0322	68	.7		EJ
GRP90984	29	0323+6	0326+4	0341	S26	W07	.412	17348	28.6	18	-N						E
LEAR	29	0323	0326	0344	S24	W06	.377	17348	28.7	21	-N	3 C		166			
VORO	29	0324	0329	0343	S27	W08	.431	17348	28.5	19	1N	C	0329	188	2.1		E
YUNN	29	0325	0329	0332	S26	W08	.416	17348	28.5	7	-N	P		48	.5		E
PEKG	29	0326	0328	0337	S26	W07	.412	17348	28.6	11	-F	P	0328	17	.2		E
PURP	29	0329	0330	0343	S25	W06	.393	17348	28.7	14	1N	C					
GRP90985	29	0357+2	0400+1	0408	S21	W10	.355	17348	28.4	11	-N						E
PEKG	29	0357	0401	0408	S21	W10	.355	17348	28.4	11	-N	C	0401	105	1.2		E
PURP	29	0359	0400	0408	S21	W10	.355	17348	28.4	9	1N	C					
986 PEKG	29	0400	0401	0409	S19	W15	.374	17356	28.0	9	-N	C	0401	34	.4		E
GRP90987	29	0422+2	0425+1	0434	S22	W10	.369	17348	28.4	12	1N			360	3.9		EH
LEAR	29	0422	0426	0441	S23	W10	.384	17348	28.4	19	1B	3 C		414			D
MITK	29	0423	0425	0434	S25	W11	.419	17348	28.4	11	-N	C	0425				EH
PEKG	29	0423	0426	0436	S21	W09	.348	17348	28.5	13	-N	C	0426	126	1.4		E
PURP	29	0424	0425	0431	S21	W10	.355	17348	28.4	7	1B	C	0425	453	5.0		
YUNN	29	0425E	0425	0432	S22	W10	.369	17348	28.4	7D	1N	P		321	3.6		
GRP90988	29	0600+2	0600+3	0616	S22	W11	.377	17348	28.4	16	-F			45	.5		E
PEKG	29	0600	0602	0615	S21	W11	.363	17348	28.4	15	-F	C	0602	63	.7		E
LEAR	29	0600	0600	0616	S22	W11	.377	17348	28.4	16	-F	3 C		29			
MITK	29	0602	0603	0620	S22	W09	.363	17348	28.6	18	-N	C	0603				E
MITK	29	0602	0603	0610	S24	W12	.412	17348	28.4	8	-N	C	0603				E
GRP90989	29	0602+1	0606+2	0623	S14	E14	.307	17352	30.3	21	-F						
LEAR	29	0602	0606	0625	S15	E14	.318	17352	30.3	23	-F	3 C		107			
PEKG	29	0603	0608	0623	S11	E11	.238	17352	30.1	20	-F	C	0608	13	.1		D
PEKG	29	0608E	0608	0608D	S14	E14	.307	17352	30.3		-F	P	0608	50	.5		E
990 LEAR	29	0603	0606	0611	N15	W02	.305	17361	29.1	8	-N	3 C		32			
991 LEAR	29	0655	0657	0703	S23	W12	.398	17348	28.4	8	-F	3 C		26			
GRP90992	29	0719+5	0723+3	0733	S24	W13	.419	17348	28.3	14	-N			120	1.3		HJ
ABST	29	0719	0724	0736	S25	W16	.457	17348	28.1	17	1N	C	0724	192	2.2		FJ
PEKG	29	0722	0724	0732	S24	W13	.419	17348	28.3	10	-B	C	0724	139	1.6		E
LEAR	29	0722	0726	0733	S24	W12	.412	17348	28.4	11	-N	3 C		105			D
YUNN	29	0723E	0723	0731	S23	W13	.406	17348	28.3	8D	-N	P		80	.9		H
PURP	29	0724	0725	0733	S25	W12	.426	17348	28.4	9	1N	C					H
993 LEAR	29	0739	0747	0759	S26	W11	.433	17348	28.5	20	-N	3 C		46			
994 HTPR	29	0818	0824	0835	N15	W09	.338	17361	28.7	17	-F	C	0824	60	.6		E
995 HTPR	29	0842	0845	0850	S24	W14	.427	17348	28.3	8	-F	C	0845	40	.4		E
GRP90996	29	0850+4	0853+9	0908	S23	W12	.398	17348	28.5	18	-B						EHZ
KANZ	29	0850	0857	0906	S23	W12	.398	17348	28.5	16	-B	2					
LEAR	29	0851	0857	0924	S23	W12	.398	17348	28.5	33	-B	3 C		196			
HTPR	29	0851	0853	0900	S25	W11	.419	17348	28.5	9	-B	C	0853	40	.4		E
WEND	29	0852	0900	0904	S23	W13	.406	17348	28.4	12	-N	C	0900	56	.6		TZ
WEND	29	0852	0854	0902	S23	W08	.371	17348	28.8	10	-N	C	0854	25	.3		
HTPR	29	0853	0858	0910	S22	W15	.411	17348	28.2	17	-B	C	0858	140	1.4		E
YUNN	29	0854	0859	0907	S21	W14	.389	17348	28.3	13	-N	C		161	1.8		H
ATHN	29	0859E	0902	0908	S23	W10	.384	17348	28.6	9D	-B	2 V	0902	95	1.1		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale			Dur (Min)	Imp	Obs Type	Area Measurement			Remarks	
							cen Dist	Plage Region	CMP Day				Time (UT)	Appar (Disk)	Corr (Sq Deg)		
GRP90997	29	0918+6	0925+9	0943	N15	W05	.314	17361	29.0	25	-N					E	
KANZ	29	0918	0931	0941	N15	W05	.314	17361	29.0	23	-F	2					
HTPR	29	0919	0927	0945	N15	W12	.362	17361	28.5	26	-N	C	0927	50	.5	E	
LEAR	29	0924	0934	0944	N14	W05	.298	17361	29.0	20	-N	3	C	35			
YUNN	29	0924	0925	0935	N16	W05	.330	17361	29.0	11	1N	C		274	2.7	E	
998 KANZ	29	1022	1032	1044	N28	E02	.510	17357	29.6	22	-F	3					
GRP90999	29	1028+5	1033+4	1051	S23	W14	.414	17348	28.4	23	-B			100	1.1	EL	
HTPR	29	1028	1037	1051	S22	W19	.450	17348	28.0	23	-B	C	1037	120	1.2	E	
KANZ	29	1029	1033	1044	S23	W14	.414	17348	28.4	15	-B	3				L	
WEND	29	1033	1037	1052	S23	W14	.414	17348	28.4	19	-N	C	1037	81	.9		
GRP91000	29	1123+2	1128+7	1147	S25	W12	.426	17348	28.6	24	1N			210	2.4	E	
KANZ	29	1123	1128	1147	S26	W12	.439	17348	28.6	24	-N	3					
WEND	29	1125	1132	1146	S26	W12	.439	17348	28.6	21	1N	C	1132	206	2.4		
HTPR	29	1125	1130	1146	S25	W15	.448	17348	28.4	21	1B	C	1130	240	2.4	E	
ATHN	29	1132E	1135	1148	S23	W10	.384	17348	28.7	16D	-B	2	V	1135	64	.7	
1 HTPR	29	1204	1205	1214	S21	W15	.398	17348	28.4	10	-F	C	1205	20	.2		
2 RAMY	29	1220	1221	1237	S24	W10	.398	17348	28.8	17	-F	3	C		34		
GRP91003	29	1238+3	1308+2	1401	S24	W12	.412	17348	28.6	83	2B					HK	
			1317+6														
RAMY	29	1238	1317	1318D	S22	W15	.411	17348	28.4	40D	2B	*	C		678		D
HTPR	29	1240	1247	1301	S25	W15	.448	17348	28.4	21	-N	C	1247	40	.4	D	
KANZ	29	1241	1249	1257	S26	W10	.427	17348	28.8	16	-F	3					
WEND	29	1241	1248	1254	S26	W09	.421	17348	28.9	13	-N	C	1248	88	1.0	E	
HTPR	29	1254	1310	1348	S22	W20	.461	17348	28.0	54	1B	C	1310	230	2.3	EK	
KANZ	29	1257	1309	1331	S22	W15	.411	17348	28.4	34	1B	*				H	
ATHN	29	1300E	1308	1336D	S23	W10	.384	17348	28.8	36D	-B	*	V	1308	111	1.3	
WEND	29	1307	1323	1420	S27	W07	.427	17348	29.0	73	2N	*	C	1323	863	10.0	F
KANZ	29	1312	1319	1401	S27	W08	.431	17348	28.9	49	2N	*				F	
HTPR	29	1314	1321	1336	S24	W13	.419	17348	28.6	22	1B	*	C	1321	220	2.2	EK
4 RAMY	29	1301	1302	1304	N15	W05	.314	17361	29.2	3	-F	3	C		22		
GRP91005	29	1341+5	1351+3	1406	S22	W17	.430	17348	28.3	25	-N						
HTPR	29	1341	1354	1406	S22	W20	.461	17348	28.1	25	-B	*	C	1354	70	.7	
KANZ	29	1346	1351	1401D	S22	W14	.402	17348	28.5	15D	-N	*					
GRP91006	29	1423+3	1432+1	1441	S23	W16	.432	17348	28.4	18	-N			90	1.0	K	
HTPR	29	1404	1432	1440	S22	W21	.472	17348	28.0	36	-B	C	1432	80	.8	EK	
RAMY	29	1423	1433	1517	S23	W16	.432	17348	28.4	54	-N	3	C	108		D	
WEND	29	1426	1432	1441	S23	W16	.432	17348	28.4	15	-N	C	1432	94	1.0		
GRP91007	29	1446+1	1447+4	1515	S24	W17	.453	17348	28.3	29	-B			160	1.8	EK	
			1507+1														
HTPR	29	1446	1447	1513D	S25	W20	.493	17348	28.1	27D	-B	C	1451	140	1.5	EK	
HTPR	29	1446	1451	1513D	S25	W20	.493	17348	28.1	27D	-B	C					
WEND	29	1447	1451	1510	S25	W13	.433	17348	28.6	23	1N	C	1451	181	2.1		
HTPR	29	1500	1507	1515	S22	W21	.472	17348	28.1	15	-N	C	1507	100	1.0		
WEND	29	1506	1508	1514	S23	W16	.432	17348	28.4	8	-N	C	1508	119	1.4		
GRP91008	29	1518+4	1521	1544	S22	W18	.440	17348	28.3	26	-N					E	
			1529														
HTPR	29	1518	1521	1523	S20	W19	.429	17348	28.2	5	-F	C	1521	20	.2		
HTPR	29	1521		1538D	S25	W21	.503	17348	28.1	17D	-N	C	1522	140	1.5	E	
RAMY	29	1522	1529	1544	S22	W17	.430	17348	28.4	22	-N	3	C		167		
GRP91009	29	1617+0	1619+0	1628	S22	W18	.440	17348	28.3	11	-N			70	.8		
BIGB	29	1617	1619	1629	S23	W19	.461	17348	28.3	12	-N	2	C	1619	60	.7	
RAMY	29	1617	1619	1626	S22	W18	.440	17348	28.3	9	-B	3	C		82		
10 RAMY	29	1958	1959	2005	S21	W19	.440	17348	28.4	7	-F	3	C		54		
GRP91011	29	2028+1	2031+2	2042	S24	W20	.482	17348	28.4	14	-N			70	.8		
BIGB	29	2028	2031	2044	S25	W21	.503	17348	28.3	16	-F	2	C	2031	70	.8	
RAMY	29	2029	2033	2040	S24	W20	.482	17348	28.4	11	-B	3	C		70		

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
12	BIGB	29	2240	2250	2342	N28 E05	.515	17350	30.3	62	-F	2 C	2250	80	.8	
13	LEAR	29	2248	2253	2317	S23 W18	.451	17348	28.6	29	-N	3 C		72		
14	LEAR	29	2306E	2312	2317	S24 W04	.370	17355	29.7	11D	-N	3 C		60		
15	LEAR	30	0023	0030	0039	S23 W19	.460	17348	28.6	16	-N	3 C		73		
GRP91016		30	0105+2	0108	0125	N26 W04	.485	17357	29.7	20	-N			45	.5	D
				0114+1												
	LEAR	30	0105	0114	0131	N26 W04	.485	17357	29.7	26	-N	3 C		50		
	PURP	30	0106	0115	0125	N28 W04	.515	17357	29.7	19	-B	C				
	PEKG	30	0107	0108	0125	N26 W05	.487	17357	29.7	18	-N	P	0108	42	.5	D
GRP91017		30	0113+1	0114+3	0126	N14 W14	.370	17361	29.0	13	-F			40	.4	E
	PEKG	30	0113	0114	0125	N15 W16	.403	17361	28.9	12	-F	C	0114	25	.3	E
	LEAR	30	0114	0117	0127	N14 W13	.360	17361	29.1	13	-F	3 C		51		
18	PEKG	30	0246	0249	0251	S24 W25	.532	17348	28.2	5	-F	C	0249	50	.6	D
19	LEAR	30	0257	0258	0320	S09 W01	.110	17352	30.0	23	-F	3 C		29		
GRP91020		30	0308+2	0308+3	0314	S23 W20	.470	17348	28.6	6	-F			30	.3	
	LEAR	30	0308	0308	0320	S23 W20	.470	17348	28.6	12	-F	3 C		39		
	PEKG	30	0310	0311	0314	S23 W25	.524	17348	28.3	4	-N	C	0311	17	.2	D
	PEKG	30	0311E	0311	0311D	S27 W17	.488	17348	28.9		-F	P	0311	34	.4	E
21	LEAR	30	0325	0326	0331	S21 W23	.483	17348	28.4	6	-N	3 C		48		
22	PEKG	30	0350	0356	0413	N14 W15	.381	17361	29.0	23	-N	C	0356	59	.6	E
23	PEKG	30	0410	0413	0415	N26 W07	.493	17357	29.6	5	-N	C	0413	17	.2	D
24	LEAR	30	0450	0450	0455	N14 W15	.381	17361	29.1	5	-N	3 C		28		
25	PEKG	30	0614	0615	0625	S09 W05	.139	17352	29.9	11	-F	C	0615	8	.1	D
26	PEKG	30	0615E	0615	0615D	S27 W19	.505	17348	28.8		-F	P	0615	13	.1	D
GRP91027		30	0652	0809	0902	N14 W17	.403	17361	29.0	130	-N					
				0853												
	LEAR	30	0652	0853	0902	N14 W17	.403	17361	29.0	130	-N	2 C		23		
	LEAR	30	0808	0809	0812	N14 W17	.403	17361	29.1	4	-F	* C		27		
28	LEAR	30	0722	0734	0738	N18 W63	.909	17341	25.6	16	-F	3 C		12		
GRP91029		30	0724+2	0726+1	0729	S07 W06	.128	17352	29.9	5	-N					
	LEAR	30	0724	0726	0729D	S08 W06	.138	17352	29.9	5D	-B	3 C		119		D
	PEKG	30	0726	0727	0729	S07 W06	.128	17352	29.9	3	-N	C	0727	17	.2	D
GRP91030		30	0819+0	0819+2	0830	S08 W05	.126	17352	30.0	11	-N			100	1.0	
	KANZ	30	0819	0819	0823	S08 W05	.126	17352	30.0	4	-F	1				
	LEAR	30	0819	0820	0830	S08 W06	.138	17352	29.9	11	-N	3 C		136		
	HTPR	30	0819	0821	0824	S07 W08	.157	17352	29.7	5	-B	C	0821	50	.5	
	HTPR	30	0821	0821	0833	S09 W02	.114	17352	30.2	12	-B	C	0821	20	.2	
GRP91031		30	0834+4	0834+5	0842	S21 W25	.506	17348	28.5	8	-F			35	.4	
	KANZ	30	0834	0834	0842	S21 W25	.506	17348	28.5	8	-F	1				
	LEAR	30	0834	0839	0850	S28 W24	.561	17348	28.6	16	-F	3 C		52		
	HTPR	30	0838	0839	0842	S20 W31	.571	17348	28.0	4	-F	C	0839	20	.2	
GRP91032		30	0858+2	0902+0	0918	S25 W25	.542	17348	28.5	20	-F			60	.7	
	KANZ	30	0858	0902	0918	S27 W23	.541	17348	28.6	20	-F	1				
	HTPR	30	0859	0902	0914	S24 W28	.565	17348	28.3	15	-N	C	0902	50	.6	
	HTPR	30	0859	0906	0928	S26 W22	.521	17348	28.7	29	-F	C	0906	40	.4	
	LEAR	30	0900	0902	0916	S25 W25	.542	17348	28.5	16	-F	3 C		77		
33	LEAR	30	1005	1006	1012	N13 W18	.404	17361	29.1	7	-F	2 C		61		
34	KANZ	30	1039	1047	1102	N13 W20	.428	17361	28.9	23	-F	2				

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Hale			Dur (Min)	Imp	Obs Type	Area Measurement			Remarks		
							cen Dist	Plage Region	CMP Day				Time (UT)	Appar (Disk)	Corr (Sq Deg)			
35	HTPR	30	1211	1213	1218	S24	W25	.532	17348	28.6	7	-F	C	1213	100	1.1	E	
36	KANZ	30	1216	1225	1240	N13	W20	.428	17361	29.0	24	-N	2					
37	HTPR	30	1225	1229	1231	S04	W10	.175	17352	29.8	6	-N	C	1229	40	.4	E	
GRP91038	30	1300+0	1304+2	1332	S25	W23	.521	17348	28.8	32	1N						E	
	HTPR	30	1300	1306	1333	S24	W23	.511	17348	28.8	33	1N	C	1306	250	2.7	E	
	KANZ	30	1300	1304	1331	S27	W24	.551	17348	28.7	31	1N	3					
GRP91039	30	1406	1408+2	1514	N23	W10	.462	17350	29.8	68	-N							
	HTPR	30	1406	1408	1514	N23	W10	.462	17350	29.8	68	-N	C	1410	20	.2		
	HTPR	30	1406	1410	1514	N23	W10	.462	17350	29.8	68	-N	C					
40	HTPR	30	1443	1447	1453	S26	W25	.551	17348	28.7	10	-F	C	1447	20	.2	E	
41	HTPR	30	1452	1453	1503	N08	E65	.911	17367	4.5	11	-F	C	1453	40	.9	E	
GRP91042	30	2023+1	2025+0	2030	S24	W33	.620	17348	28.4	7	-F						H	
	CULG	30	2023	2025	2030	S23	W34	.625	17348	28.3	7	-F	C	2025	140	1.8	H	
	BIGB	30	2024	2025	2030	S25	W33	.626	17348	28.4	6	-F	2	C	2025	40	.5	
43	CULG	30	2040	2050U	2101D	S31	W31	.652	17348	28.5	21D	-F	P	2050	60	.8		
44	CULG	30	2045	2047	2100U	N10	W14	.324	17351	29.8	15D	-N	C	2047	50	.5	K	
45	CULG	30	2053	2101U	2101U	S05	W07	.128	17352	30.3	8D	-F	P	2101	80	.8		
46	CULG	30	2123	2124	2129	S25	W34	.637	17348	28.3	6	-F	C	2124	70	.9	T	
GRP91047	30	2204+8	2213+2	2224	S21	W33	.601	17348	28.4	20	-N			60	.8	F		
	CULG	30	2204	2213	2224D	S21	W32	.589	17348	28.5	20D	-F	* P	2213	170	2.0	TF	
	BIGB	30	2211	2215	2228	S21	W33	.601	17348	28.4	17	-N	* C	2215	60	.7		
	HOLL	30	2212	2215	2222	S21	W33	.601	17348	28.4	10	-N	* C		56			
GRP91048	30	2208+3	2212+2	2232	N14	W24	.486	17361	29.1	24	-F			60	.7			
	CULG	30	2208	2213	2237U	N14	W25	.499	17361	29.0	29D	-N	C	2213	120	1.2		
	HOLL	30	2211	2214	2232	N12	W24	.470	17361	29.1	21	-F	3	C	55			
	BIGB	30	2211	2212	2231	N14	W24	.486	17361	29.1	20	-F	2	C	2212	40	.5	
49	CULG	30	2240	2242	2249	S25	W30	.594	17348	28.7	9	-F	C	2242	120	1.4	T	
50	CULG	30	2256	2258	2315	N09	E45	.724	17364	3.3	19	-F	C	2258	60	.9		
51	CULG	30	2347	2348	2350	S23	W35	.636	17348	28.4	3	-F	C	2348	90	1.2	TH	
52	CULG	30	2352	2403	0110U	S10	W13	.256	17352	30.0	78D	-F	C	2403	80	.8		
GRP91053	31	0038+7	0044+4	0100	S21	W35	.624	17348	28.4	22	-N						E	
	CULG	31	0038	0044	0100	S21	W35	.624	17348	28.4	22	-F	C	0044	100	1.3	T	
	PURP	31	0045	0048	0049D	S21	W35	.624	17348	28.4	4D	-N	P				E	
54	CULG	31	0200	0202	0223	S21	W36	.635	17348	28.4	23	-N	C	0202	100	1.3	TKH	
55	CULG	31	0217	0219	0230U	S10	W15	.284	17352	30.0	13D	-F	C	0219	90	.9		
56	CULG	31	0345E	0345E	0408D	S21	W36	.635	17348	28.5	23D	-N	P	0345	60	.8	TH	
57	CULG	31	0349	0350	0356	S10	E14	.269	17360	1.2	7	-F	C	0350	40	.4		
58	CULG	31	0501E	0501E	0503D	S21	W37	.647	17348	28.4	2D	-N	P	0501	60	.8	T	
GRP91059	31	0602	0603	0628	N25	W22	.575	17357	29.6	26	1F						F	
			0620															
	LEAR	31	0602	0603	0702	N25	W22	.575	17357	29.6	60	-F	3	C	81			
	PURP	31	0609E	0609	0625	N25	W22	.575	17357	29.6	16D	1F	P					
	CULG	31	0619E	0620D	0628D	N26	W24	.602	17357	29.5	9D	1N	P	0620	300	3.6	F	

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Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	Cmd	Hale Cen Dist	Hale Plage Region	OMP Day	Dur (Min)	Imp	Obs Type	Area Time (UT)	Measurement Appar (Disk)	Corr (Sq Deg)	Remarks
GRP91060	31	0658+4	0704+1	0708	N14	W49	.782	17347	27.6	10	-N					D
YUNN	31	0658		0704D	N16	W49	.788	17347	27.6	6D	-N	P	0704	80	1.3	
PURP	31	0659	0705	0705D	N13	W48	.768	17347	27.7	6D	-N	P				D
LEAR	31	0702	0704	0708	N14	W52	.811	17347	27.4	6	-N	3 C		32		
61 CULG	31	0728	0731	0734	S10	E13	.255	17360	1.3	6	-F	C	0731	60	.6	
62 CULG	31	0734	0739	0745	N14	W50	.792	17347	27.6	11	-F	C	0739	40	.7	
63 CULG	31	0755	0758	0804D	S20	W39	.665	17348	28.4	9D	-N	P	0758	100	1.3	T
GRP91064	31	0816+0	0820+1	0837	N13	W28	.530	17361	29.2	21	-F					
KANZ	31	0816	0820	0832	N13	W29	.543	17361	29.2	16	-F	2				
LEAR	31	0816	0821	0841	N13	W28	.530	17361	29.2	25	-N	3 C		134		
GRP91065	31	0923+4	0929+2	0935	S21	W39	.670	17348	28.5	12	-N			90	1.2	E
KANZ	31	0923	0929	0936	S21	W39	.670	17348	28.5	13	-N	2				
HTPR	31	0926	0930	0934	S20	W40	.677	17348	28.4	8	-N	C	0930	70	.9	E
WEND	31	0927	0931	0936	S21	W39	.670	17348	28.5	9	-N	C	0931	50	.7	
LEAR	31	0927	0930	0935	S21	W39	.670	17348	28.5	8	-N	3 C		115		
YUNN	31	0929E		0935	S19	W40	.673	17348	28.4	6D	1N	P	0929	193	2.7	B
66 KANZ	31	1059	1103	1110	N13	W52	.809	17347	27.6	11	-F	2				
67 KANZ	31	1242	1246	1334	N13	W52	.809	17347	27.6	52	-F	2				
	31	1721	1738	NO FLARE PATROL												
68 HOLL	31	1921	1940	1958	N13	W37	.643	17361	29.0	37	-F	3 C		41		
	31	1923	1940	NO FLARE PATROL												
	31	2018	2034	NO FLARE PATROL												
69 CULG	31	2056	2116	2140U	N28	W32	.689	17357	29.5	44D	1F	C	2116	240	3.4	F
70 CULG	31	2136	2137	2139	N16	W58	.869	17347	27.5	3	-F	C	2137	40	.8	
GRP91071	31	2220+4	2226+1	2240	N27	W24	.613	17350	30.1	20	-N			100	1.2	
CULG	31	2220U	2227U	2242D	N27	W24	.613	17350	30.1	22D	-N	* P	2227	130	1.7	
HOLL	31	2224	2226	2238	N27	W24	.613	17350	30.1	14	-N	* C		67		

DAILY FLARE INDICES
(Includes all Flares)

DECEMBER 1980

Day	Flare Index*	Hours Observed	Day	Flare Index*	Hours Observed	Day	Flare Index*	Hours Observed
01	98.01	24.0	11	190.32	23.8	21	55.85	24.0
02	640.00	24.0	12	169.38	20.8	22	60.34	20.9
03	103.44	23.3	13	272.23	22.9	23	118.17	22.5
04	115.61	24.0	14	117.96	23.9	24	64.13	23.3
05	79.01	24.0	15	374.05	23.5	25	77.33	24.0
06	63.55	22.5	16	347.70	24.0	26	148.90	24.0
07	116.50	18.8	17	241.13	23.9	27	161.62	23.6
08	69.63	21.9	18	181.25	21.6	28	168.41	23.8
09	231.65	24.0	19	146.27	17.8	29	800.23	24.0
10	128.05	24.0	20	107.21	21.8	30	145.75	24.0
						31	83.44	23.2

*When no flare index is given, it is zero for that day.