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Jul 03

H α SOLAR FLARES

JULY 2003

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																Apparent (10-6 Disk)	Corr (Sq Deg)	
			01 0137		0251			No Flare Patrol										
0001	HOLL	01	1336	1339	1407	N09	E23	10397	07	3.3	31	SF	3	E		30		F
			02 0000		0000			No Flare Patrol										
0002	LEAR	02	0136	0138	0142	N03	E72	10400	07	7.4	6	SF	3	E		42		
0003	LEAR	02	0249	0250	0302	N10	E35	10397	07	4.7	13	SF	3	E		19		
0004	LEAR	02	0709	0714	0816	N13	E34	10397	07	4.9	67	1N	1	E		200		F
0005	SVTO	02	0711	0714	0806	N13	E25	10397	07	4.2	55	1F	3	E		120		F
0006	SVTO	02	1540	1540	1549	N02	E62	10400	07	7.3	9	SF	3	E		21		
			02 2023		2350			No Flare Patrol										
0007	LEAR	03	0108	0109	0120	N03	E58	10400	07	7.4	12	SF	3	E		31		
0008	LEAR	03	0420	0422	0435	N14	E18	10397	07	4.5	15	SF	3	E		42		
0009	SVTO	03	0422	0423	0428	N14	E11	10397	07	4.0	6	SF	3	E		18		
0010	LEAR	03	0449	0449	0455	N09	E01	10397	07	3.3	6	SF	3	E		14		
0011	LEAR	03	0457	0458	0502	N02	E59	10400	07	7.6	5	SF	3	E		44		
0012	LEAR	03	0555	0600	0614	N13	E23	10397	07	5.0	19	SF	3	E		37		FU
0013	SVTO	03	0559	0600	0609	N14	E15	10397	07	4.4	10	SF	3	E		13		F
0014	SVTO	03	1207	1211	1225	N15	E05	10397	07	3.9	18	SF	3	E		75		F
0015	SVTO	03	1229	1231	1238	N15	E11	10397	07	4.3	9	SF	3	E		15		
0016	HOLL	03	1340	1341	1351	N13	E10	10397	07	4.3	11	SF	3	E		25		F
0017		03	14466	1456	1512	N04	E51	10400	07	7.4	26	SF				40		F
	HOLL	03	1446	1456	1520	N04	E51	10400	07	7.4	34	SF	3	E		48		F
	SVTO	03	1452	1456	1504	N05	E51	10400	07	7.4	12	SF	3	E		32		
			03 2034		2039			No Flare Patrol										
0018	HOLL	03	2103	2107	2112	N09	W08	10397	07	3.3	9	SF	3	E		21		
0019	HOLL	03	2213	2219	2237	N13	E06	10397	07	4.4	24	SF	3	E		29		F
			03 2257		2350			No Flare Patrol										
0020	LEAR	04	0007	0028	0056	N13	E09	10397	07	4.7	49	SF	4	E		79		F
0021	HOLL	04	0009	0029	0053	N09	W10	10397	07	3.2	44	SF	3	E		29		
0022	LEAR	04	0400	0401	0413	N09	W12	10397	07	3.3	13	SF	3	E		28		F
0023	LEAR	04	0539	0548	0552	N09	W13	10397	07	3.2	13	SF	3	E		10		F
0024	LEAR	04	0604	0609	0621	N13	E05	10397	07	4.6	17	SF	3	E		94		F
0025	LEAR	04	0745	0746	0753D	N09	W14	10397	07	3.3	8D	SF	3	E		20		
			04 0754		0814			No Flare Patrol										
			04 0843		0943			No Flare Patrol										
			04 0947		1044			No Flare Patrol										
			04 1048		1203			No Flare Patrol										
0026	SVTO	04	1231E	1232U	1236D	N09	W16	10397	07	3.3	5D	SF	2	E		46		F

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																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0027	SVTO	04	1255E	1255U	1309	N14	W10	10397	07	3.8	14D	SF		3	E			34		
0028		04	14353	1442	1554	N06	E31	10400	07	6.9	79	1F						180	FU	
	HOLL	04	1435	1442	1553	N05	E32	10400	07	7.0	78	1F		3	E			190	FU	
	SVTO	04	1438	1503U	1554	N06	E30	10400	07	6.8	76	1F		3	E			169	F	
0029	HOLL	04	1737	1738	1742	N09	W19	10397	07	3.3	5	SF		3	E			12	F	
0030	HOLL	04	1745	1753	1814	N09	W20	10397	07	3.2	29	SF		3	E			15		
0031	SVTO	05	0911	0913	0924	N13	W17	10397	07	4.1	13	SF		3	E			21	F	
0032	SVTO	05	1239	1246	1249	N13	W20	10397	07	4.0	10	SF		3	E			15		
0033		05	16573	17002	1716	N13	W22	10397	07	4.0	19	SF						54	F	
	HOLL	05	1657	1700	1721	N14	W22	10397	07	4.0	24	SF		3	E			64	F	
	SVTO	05	1700	1702	1712	N12	W23	10397	07	4.0	12	SF		3	E			44	F	
0034	HOLL	05	1940	1944	2018	N11	W26	10397	07	3.9	38	SF		3	E			50	FH	
		05	2220		2233	No Flare Patrol														
0035	HOLL	05	2333	2333	2339	N05	E20	10400	07	7.5	6	SF		3	E			10	F	
0036	HOLL	06	0009	0011	0019	N04	E18	10400	07	7.3	10	SF		3	E			20		
0037	HOLL	06	0023	0025	0025D	N05	E18	10400	07	7.4	2D	SF		3	E			92		
		06	0026		0102	No Flare Patrol														
0038	LEAR	06	0059E	0100	0122D	N05	E25	10400	07	7.9	23D	SF		3	E			33	F	
		06	0106		0120	No Flare Patrol														
		06	0127		0133	No Flare Patrol														
0039	LEAR	06	0332	0338	0345	N05	E24	10400	07	7.9	13	SF		3	E			17	F	
0040	SVTO	06	0434	0437	0450	N12	W30	10397	07	3.9	16	SF		3	E			97		
0041	HOLL	06	1806	1812	1819	N15	W31	10397	07	4.4	13	SF		3	E			18	F	
0042	HOLL	06	1830	1832	1850	N15	W32	10397	07	4.3	20	SF		3	E			40	F	
0043	HOLL	06	2003	2003	2011	N12	W35	10397	07	4.2	8	SF		3	E			17	F	
0044	HOLL	06	2036	2036	2043	N17	W31	10397	07	4.5	7	SF		3	E			14		
		07	0053		0112	No Flare Patrol														
0045	KANZ	07	1128	1130	1132	N10	W48	10397	07	3.9	4	SF		2	E					
0046	HOLL	07	1908	1910	1921	N16	W42	10397	07	4.6	13	SF		3	E			13	FH	
0047		08	0101	0102	0106	N12	W63	10397	07	3.3	5	SF						29	FH	
	HOLL	08	0101	0102	0106	N12	W60	10397	07	3.5	5	SF		3	E			28	FH	
	LEAR	08	0101	0102	0107	N13	W66	10397	07	3.1	6	SF		4	E			30	F	
0048	LEAR	08	0228	0228	0231	N13	W66	10397	07	3.1	3	SF		3	E			50	F	
		08	0306		0446	No Flare Patrol														
0049		08	0551	0557	0623	S10	W49	10402	07	4.6	32	SF						22	F	
	LEAR	08	0551	0557	0623	S11	W48	10402	07	4.6	32	SF		3	E			31	F	
	SVTO	08	0554E	0602U	0614D	S10	W50	10402	07	4.5	20D	SF		3	E			13		
0050		08	0724	07272	0746	S10	W48	10402	07	4.7	22	1F						92	F	
	LEAR	08	0724	0727	0743	S11	W48	10402	07	4.7	19	1F		3	E			100	F	
	SVTO	08	0724	0729	0748	S10	W49	10402	07	4.6	24	SF		3	E			85		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0075	LEAR	13	0121	0125	0130	S11	W01	10404	07	13.0	9	SF		3	E		39		U
0076	KANZ	13	0825	0826	0828	N14	E33	10408	07	15.8	3	SF		2	E				
0077	KANZ	13	1223E	1223U	1223D	S09	W25	10401	07	11.6	3D	SF		2	E				
0078		13	1620	16201	1626	N19	E66	10409	07	18.7	6	SF					27		F
	HOLL	13	1620	1620	1627	N22	E68	10409	07	18.9	7	SF		3	E		34		F
	SVTO	13	1620	1621	1626	N16	E65	10409	07	18.6	6	SF		3	E		20		
0079	HOLL	13	2211	2213	2220	N15	E75	10409	07	19.6	9	SF		3	E		19		H
0080	HOLL	13	2308	2310	2314	N16	E73	10409	07	19.5	6	SF		3	E		43		
0081	HOLL	13	2351	2356	2413	N14	E22	10408	07	15.6	22	SF		3	E		47		F
0082	LEAR	13	2355	2355	2402	N14	E31	10408	07	16.3	7	SF		3	E		13		F
		14	0036		0127	No Flare Patrol													
		14	0416		0503	No Flare Patrol													
		14	0514		0524	No Flare Patrol													
		14	0916		1006	No Flare Patrol													
		14	1033		1220	No Flare Patrol													
0083	HOLL	14	1506	1507	1509	N18	E56	10409	07	18.9	3	SF		3	E		11		H
0084	HOLL	14	1711	1712	1723	N18	E55	10409	07	18.9	12	SF		3	E		18		F
0085	HOLL	14	2054	2057	2102	N16	E62	10409	07	19.6	8	SF		3	E		17		FH
		14	2149		2153	No Flare Patrol													
		14	2200		2226	No Flare Patrol													
0086	HOLL	14	2304	2304	2309	N16	E63	10409	07	19.7	5	SF		3	E		27		
		14	2310		2332	No Flare Patrol													
		15	0428		0439	No Flare Patrol													
		15	0638		0639	No Flare Patrol													
		15	0646		0648	No Flare Patrol													
		15	0654		0713	No Flare Patrol													
		15	0926		0946	No Flare Patrol													
		15	1911		1919	No Flare Patrol													
		15	1923		2119	No Flare Patrol													
		15	2135		2152	No Flare Patrol													
		15	2156		2229	No Flare Patrol													
		15	2256		2306	No Flare Patrol													
		15	2326		2340	No Flare Patrol													
		16	0016		0036	No Flare Patrol													
0087		16	1220	12235	1240	S14	E29	10410	07	18.7	20	SF					27		F
	SVTO	16	1220	1223	1240	S15	E29	10410	07	18.7	20	SF		3	E		27		F
	KANZ	16	1220	1228	1241	S12	E29	10410	07	18.7	21	SF		2	E				
0088	HOLL	16	1342	1344	1402	S11	E31	10410	07	18.9	20	SF		3	E		17		F
0089	HOLL	16	1604	1609	1625	S11	E30	10410	07	18.9	21	SF		3	E		31		F
		16	1733		1742	No Flare Patrol													
		16	1748		1758	No Flare Patrol													
		16	1854		1903	No Flare Patrol													
0090	LEAR	17	0819	0821	0857	N15	E21	10412	07	18.9	38	1N		3	E		149		EF
0091	KANZ	17	0819	0822	0859	N15	E13	10412	07	18.3	40	1N		2	E				
0092	HOLL	17	1530E	1530U	1545	S14	E15	10410	07	18.8	15D	SF		3	E		29		F
0093	HOLL	17	1651	1651	1700	S12	E18	10410	07	19.0	9	SF		3	E		16		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF/ Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
																Apparent (10-6 Disk)	Corr (Sq Deg)		
0094	HOLL	17	1742	1743	1755	S12	E18	10410	07	19.1	13	SF		3	E		32		F
0095	HOLL	17	1753	1818	1834	N16	E10	10412	07	18.5	41	SF		3	E		47		FH
0096	HOLL	17	1838	1840	1849	S12	E17	10410	07	19.0	11	SF		3	E		48		F
			17 2136		2207			No Flare Patrol											
			17 2212		2332			No Flare Patrol											
0097		17	2352	2409	2436	S10	E14	10410	07	19.0	44	1N					120		EFH
	LEAR	17	2352	2409	2434	S11	E13	10410	07	19.0	42	1N		3	E		173		FE
	HOLL	18	0010E	0010U	0037	S10	E15	10410	07	19.1	27D	SF		3	E		67		FH
0098	LEAR	18	0408	0418	0423	S11	E11	10410	07	19.0	15	SF		3	E		30		F
0099		18	0535	0536	0544	N15	E02	10412	07	18.4	9	SF					36		
	SVTO	18	0535	0536	0543	N16	E02	10412	07	18.4	8	SF		3	E		24		
	LEAR	18	0535	0536	0546	N14	E02	10412	07	18.4	11	SF		3	E		48		
0100	SVTO	18	0722	0723	0727	S11	E09	10410	07	19.0	5	SF		3	E		18		
0101		18	0738	0740	0753	S14	E07	10410	07	18.8	15	SF					22		F
	LEAR	18	0738	0740	0748	S12	E09	10410	07	19.0	10	SF		3	E		16		
	SVTO	18	0738	0740	0758	S15	E05	10410	07	18.7	20	SF		3	E		29		F
0102	HOLL	18	1337	1338	1342	S14	E06	10410	07	19.0	5	SF		3	E		22		F
0103	HOLL	18	1349	1350	1356	N16	E02	10412	07	18.7	7	SF		3	E		13		F
0104	HOLL	18	1447	1450	1518	S13	E05	10410	07	19.0	31	SF		3	E		23		F
0105	HOLL	18	1523	1523	1527	N16	W02	10412	07	18.5	4	SF		3	E		12		
0106	HOLL	18	1826	1827	1843	S12	E04	10410	07	19.1	17	SF		3	E		56		F
			18 1929		1936			No Flare Patrol											
0107	HOLL	18	1951	1953	2009	N14	W06	10412	07	18.4	18	SF		3	E		16		F
0108	HOLL	18	2236	2242	2249	N16	W05	10412	07	18.6	13	SF		3	E		16		
			18 2259		2333			No Flare Patrol											
0109	LEAR	19	0130	0134	0156	N14	W09	10412	07	18.4	26	SF		3	E		36		F
0110	LEAR	19	0320	0321	0326	S12	E00	10410	07	19.1	6	SF		3	E		22		F
0111		19	0929I	0930I	0938	S12	W06	10410	07	18.9	9	1F					107		
	KANZ	19	0929	0931	0938	S12	W05	10410	07	19.0	9	1F		2	E				
	SVTO	19	0930	0930	0938	S12	W06	10410	07	18.9	8	1F		3	E		107		
0112		19	1523	15252	1530	S14	W06	10410	07	19.2	7	SF					10		F
	HOLL	19	1523	1525	1531	S14	W07	10410	07	19.1	8	SF		3	E		10		F
	KANZ	19	1523	1527	1529	S13	W06	10410	07	19.2	6	SF		2	E				
0113		19	1552	1554I	1555	S11	W08	10410	07	19.0	3	SF					11		
	HOLL	19	1552	1554	1555	S11	W09	10410	07	19.0	3	SF		3	E		11		
	KANZ	19	1552	1555	1555	S11	W08	10410	07	19.0	3	SF		2	E				
0114	HOLL	19	1733	1733	1738	N13	E33	10415	07	22.2	5	SF		3	E		10		
			19 1834		1858			No Flare Patrol											
0115	HOLL	19	2016	2018	2032	S11	W13	10410	07	18.9	16	SF		3	E		23		FH
			19 2204		2211			No Flare Patrol											
			19 2221		2347			No Flare Patrol											
0116	LEAR	19	2358	2401U	2409	N12	E30	10415	07	22.2	11	SF		2	E		21		F

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0117	LEAR	20	0009	0010	0013	S11	W13	10410	07	19.0	4	SF		2	E		19		F
0118	LEAR	20	0026	0029	0046	S11	W13	10410	07	19.0	20	SF		2	E		33		F
0119	LEAR	20	0057	0116	0129	S11	W13	10410	07	19.1	32	SF		2	E		50		F
0120	LEAR	20	0338	0339	0351	N12	E28	10415	07	22.3	13	SF		2	E		12		
0121	LEAR	20	0349	0351	0416	S12	W15	10410	07	19.0	27	SF		2	E		87		F
0122	LEAR	20	0835	0836	0840	S22	W27	10417	07	18.3	5	SF		2	E		18		F
0123	KANZ	20	1154	1155	1157	S20	W31	10417	07	18.1	3	SF		2	E				
0124	HOLL	20	1401	1401	1408	S12	W21	10410	07	19.0	7	SF		3	E		35		F
0125	HOLL	20	1414	1414	1422	S12	W21	10410	07	19.0	8	SF		3	E		13		
0126		20	1448	14515	1458	S12	W22	10410	07	18.9	10	SF					28		
	SVTO	20	1448	1451	1456	S12	W22	10410	07	18.9	8	SF		3	E		28		
	KANZ	20	1448	1456	1459	S12	W21	10410	07	19.0	11	SF		2	E				
0127	HOLL	20	1553	1554	1557	S12	W33	10410	07	18.2	4	SF		3	E		16		
0128		20	15494	15541	1556	S12	W22	10410	07	19.0	7	SF					17		
	KANZ	20	1549	1555	1556	S12	W21	10410	07	19.1	7	SF		2	E				
	SVTO	20	1553	1554	1557	S12	W23	10410	07	18.9	4	SF		3	E		17		
0129		20	16015	16102	1626	S12	W22	10410	07	19.0	25	SF					30		F
	KANZ	20	1601	1610	1630	S12	W22	10410	07	19.0	29	SF		2	E				
	HOLL	20	1605	1611	1627	S11	W22	10410	07	19.0	22	SF		3	E		37		F
	SVTO	20	1606	1612	1620	S12	W23	10410	07	18.9	14	SF		3	E		24		F
0130		20	16441	16463	1656	S12	W23	10410	07	19.0	12	SF					32		F
	KANZ	20	1644	1649	1655	S11	W23	10410	07	19.0	11	SF		2	E				
	HOLL	20	1645	1646	1656	S12	W23	10410	07	19.0	11	SF		3	E		32		F
0131		20	1725	1726	1737	S12	W22	10410	07	19.1	12	SF					34		F
	SVTO	20	1725	1726	1730	S12	W23	10410	07	19.0	5	SF		2	E		37		
	HOLL	20	1725	1726	1744	S11	W22	10410	07	19.1	19	SF		3	E		32		F
0132	HOLL	20	1756	1758	1803	S11	W24	10410	07	18.9	7	SF		3	E		46		
0133	HOLL	20	1858	1911	1934	S11	W24	10410	07	19.0	36	SF		3	E		26		F
0134	HOLL	20	1906	1910	1921	S21	W34	10417	07	18.2	15	SF		3	E		19		
0135	HOLL	20	2106	2108	2115	S11	W27	10410	07	18.8	9	SF		3	E		19		
0136		21	00041	00052	0016	S22	W36	10417	07	18.2	12	SF					19		F
	HOLL	21	0004	0007	0010	S22	W37	10417	07	18.1	6	SF		3	E		13		
	LEAR	21	0005	0005	0021	S22	W36	10417	07	18.2	16	SF		2	E		25		F
0137		21	0031	00331	0056	S12	W26	10410	07	19.1	25	SF					42		F
	HOLL	21	0031	0033	0055	S11	W27	10410	07	19.0	24	SF		3	E		24		
	LEAR	21	0031	0034	0057	S12	W26	10410	07	19.1	26	SF		2	E		60		F
0138	LEAR	21	0057	0059	0105	S12	W26	10410	07	19.1	8	SF		2	E		19		F
0139	LEAR	21	0227	0227	0232	S12	W30	10410	07	18.8	5	SF		3	E		16		F
0140	SVTO	21	0454	0454	0500	S12	W29	10410	07	19.0	6	SF		3	E		12		
0141		21	07211	07275	0734	S12	W31	10410	07	19.0	13	SF					26		
	KANZ	21	0721	0732	0734	S11	W31	10410	07	19.0	13	SF		2	E				
	SVTO	21	0722	0727	0734	S12	W31	10410	07	19.0	12	SF		3	E		26		
0142	KANZ	21	0736	0741	0742	S11	W31	10410	07	19.0	6	SF		2	E				

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Jul 03

H α SOLAR FLARES

JULY 2003

Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
							Region	Day								Apparent (10-6 Disk)	Corr (Sq Deg)	
0143		21 0959	1001	1005	S12	W32	10410	07	19.0	6	SF						17	
	KANZ	21 0959	1001	1005	S11	W32	10410	07	19.0	6	SF		2	E				
	SVTO	21 1000	1001	1005	S12	W33	10410	07	18.9	5	SF		3	E			17	
0144	HOLL	21 1359E	1359U	1403	S12	W45	10410	07	18.2	4D	SF		3	E			14	
0145	SVTO	21 1705	1708	1713	S21	W43	10417	07	18.4	8	SF		3	E			26	
		21 1832		1913	No Flare Patrol													
		21 1922		2209	No Flare Patrol													
0146	HOLL	21 2200E	2211U	2215	S21	W47	10417	07	18.3	15D	SF		3	E			61	F
0147	HOLL	21 2231	2232	2237	N15	W37	10409	07	19.1	6	SF		3	E			44	
		21 2305		2333	No Flare Patrol													
0148	LEAR	21 2357	2451	2540	S21	W56	10417	07	17.7	103	SF		3	E			43	T
0149	HOLL	21 2359	2401	2430	S21	W49	10417	07	18.2	31	SF		3	E			35	
0150	LEAR	22 0158	0206	0243	N17	W54	10412	07	18.0	45	SF		3	E			59	
0151	LEAR	22 0338	0338	0345	S22	W52	10417	07	18.1	7	SF		3	E			27	
0152	SVTO	22 0612	0613	0616	S20	W55	10417	07	18.0	4	SF		3	E			28	
0153	SVTO	22 0625	0625	0635	S19	W52	10417	07	18.3	10	SF		3	E			27	
0154		22 0709	0715	0744	S20	W54	10417	07	18.2	35	1F						136	F
	LEAR	22 0709	0715	0747	S21	W53	10417	07	18.2	38	1F		3	E			125	F
	SVTO	22 0710	0718	0740	S20	W56	10417	07	18.0	30	1F		3	E			147	F
0155		22 0818	0819	0833	S20	W55	10417	07	18.1	15	SF						80	FH
	LEAR	22 0818	0819	0837	S21	W54	10417	07	18.2	19	SF		3	E			67	FH
	SVTO	22 0819	0822	0828	S19	W56	10417	07	18.1	9	SF		3	E			94	F
	KANZ	22 0829U	0829U	0835	S21	W54	10417	07	18.2	6U	SF		2	E				
0156	KANZ	22 1057	1100	1107	S21	W57	10417	07	18.1	10	SF		2	E				
0157	HOLL	22 1322	1333	1337	S22	W59	10417	07	18.0	15	SF		3	E			30	F
0158	HOLL	22 1418	1419	1430	S22	W58	10417	07	18.1	12	SF		3	E			19	F
0159		22 1518	1521	1530	S21	W57	10417	07	18.3	12	SF						23	F
	KANZ	22 1518	1521	1531D	S21	W57	10417	07	18.3	13D	SF		2	E				
	HOLL	22 1518	1523	1535	S22	W58	10417	07	18.2	17	SF		3	E			35	F
	SVTO	22 1519	1522	1526	S21	W57	10417	07	18.3	7	SF		3	E			11	
0160	HOLL	22 1743	1746	1751	N21	W46	10409	07	19.2	8	SF		3	E			14	F
0161	HOLL	22 2123	2125	2129	S21	W63	10417	07	18.1	6	SF		3	E			24	
0162	HOLL	23 0020	0020	0024	S21	W62	10417	07	18.3	4	SF		3	E			22	
0163	LEAR	23 0131	0142	0152	S21	W65	10417	07	18.1	21	SF		3	E			29	F
0164	LEAR	23 0206	0208	0216	S21	W66	10417	07	18.0	10	SF		3	E			25	
0165	LEAR	23 0436	0438	0442	S21	W66	10417	07	18.1	6	SF		3	E			26	
0166		23 0549	0601	0616	S20	W68	10417	07	18.0	27	1F						114	FH
	LEAR	23 0549	0601	0616	S21	W67	10417	07	18.1	27	SF		3	E			93	FH
	SVTO	23 0552	0601	0617	S19	W70	10417	07	17.9	25	1F		3	E			136	FH
0167		23 0939	0940	0942	N16	W58	10409	07	19.0	3	SF						11	
	SVTO	23 0939	0940	0942	N17	W57	10409	07	19.1	3	SF		3	E			11	
	KANZ	23 0940	0940	0942	N15	W58	10409	07	19.0	2	SF		2	E				

