Hα SOLAR FLARES
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OBSERVATORY	OBSERVED UT DATE SEP	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	COND.	OBS. TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
	01	2039	2049	NO FLARE PATROL															
	01	2135	2150	NO FLARE PATROL															
	01	2157	2230	NO FLARE PATROL															
	01	2246	2322	NO FLARE PATROL															
	01	2337	0135	NO FLARE PATROL															
	02	0140	0210	NO FLARE PATROL															
	02	1630	1540	NO FLARE PATROL															
	02	1740	1744	NO FLARE PATROL															
	02	1748	1805	NO FLARE PATROL															
	02	1808	1815	NO FLARE PATROL															
	02	1840	1854	NO FLARE PATROL															
	02	1942	1950	NO FLARE PATROL															
	02	2002	2015	NO FLARE PATROL															
	02	2027	2100	NO FLARE PATROL															
	02	2106	2335	NO FLARE PATROL															
	02	2337	0137	NO FLARE PATROL															
	03	0149	0154	NO FLARE PATROL															
	03	2047	2048	NO FLARE PATROL															
	03	2104	2119	NO FLARE PATROL															
	03	2143	2145	NO FLARE PATROL															
	03	2202	2208	NO FLARE PATROL															
	03	2245	2252	NO FLARE PATROL															
	04	0105	0119	NO FLARE PATROL															
	04	0124	0147	NO FLARE PATROL															
	05	0100	0119	NO FLARE PATROL															
	05	0120	0125	NO FLARE PATROL															
	05	0152	0155	NO FLARE PATROL															
	05	0318	0332	NO FLARE PATROL															
	05	0337	0343	NO FLARE PATROL															
	05	0354	0400	NO FLARE PATROL															
GRP61046	05	1314	1405	1333	N07	E20	.339	13205	7.1	51	--F				1.45				4 4 4 8
MCMA	05	1312	1410	1331	N07	E19	.323	13205	7.0	58	-N		C	1331	1.03	1.10			E
ATHN	05	1316	1355	1332	N06	E19	.324	13205	7.0	39	-F	1		1332	1.52	1.46			
TEHR	05	1317E	1336D	1330	N07	E20	.339	13205	7.1	19D	-F	3	C		.74				F
LOCA	05	1340E	1410	1340	N08	E20	.339	13205	7.1	30D	1N		V	1340	2.52	2.70			
	05	1958	2004	NO FLARE PATROL															
	05	2007	2032	NO FLARE PATROL															
	05	2145	2159	NO FLARE PATROL															
	05	2205	2220	NO FLARE PATROL															
GRP61047	05	2326	2357	2331	S14	E54	.845	13209	10.0	31	-F				1.06				2 2 2 2
BOU_	05	2325	2358	2332	S14	E53	.836	13209	10.0	32	1F		C	2332	1.29	2.16			
MANI	05	2328E	2355	2330	S14	E54	.845	13209	10.0	27D	-N	1		2330	.83	1.45			F
	06	0117	0135	NO FLARE PATROL															

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	06	0145	0200	NO FLARE PATROL															
	06	0440	0446	NO FLARE PATROL															
	06	0513	0515	NO FLARE PATROL															
	07	0102	0108	NO FLARE PATROL															
	07	0132	0145	NO FLARE PATROL															
049 MANI	07	0209E	0230D	0213	S14	E40	.707	13209	10.1	21D	--N	2		0213	.41	.58			F 1
050 MANI	07	0209E	0230	0224	S14	E40	.707	13209	10.1	21D	--N			0224	.62	.87			1
	07	0215	0224	NO FLARE PATROL															
051 MANI	07	0224E	0230D	0226	S13	W35	.646	13210	4.5	6D	--F	2		0226	.41	.54			1
	07	0230	0250	NO FLARE PATROL															
052 MANI	07	0251E	0300D	0257	S14	E40	.707	13209	10.1	9D	--F	2		0257	.31	.44			2
	07	0405	0500	NO FLARE PATROL															
053 ATHN	07	0505E	0514	0506	S15	E35	.659	13209	9.8	9D	--F	1		0506	.68	.76			2
054 ATHN	07	0853	0922	0857	S16	E34	.655	13209	9.9	29	--F	1		0857	.68	.76			2
GRP61057	07	1251	1309	1255	S15	E33	.637	13209	10.0	18	--F				.54				2 2 2 5
RAMY	07	1251	1319	1255	S14	E33	.630	13209	10.0	28	-F	4	C		.56				DE
ATHN	07	1254E	1258	1255	S16	E33	.644	13209	10.0	4D	-F	1		1255	.52	.55			
GRP61058	07	1531	1554	1536	S15	E32	.626	13209	10.0	23	--F				.88				4 4 3 6
BOUL	07	1528	1602	1535	S15	E31	.615	13209	10.0	34	-F		C	1535	1.07	1.26			
RAMY	07	1531	1553	1536	S13	E32	.611	13209	10.0	22	-N	4	C		1.11				DE H
MCMA	07	1533	1542D		S17	E32	.641	13209	10.0	9D	-F		P	1534	.46	.60			E
HUAN	07	1536E	1546		S15	E32	.626	13209	10.1	10D	-F	1	P						C
3 STATIONS REPORTING GROUP 61059. 0 STATIONS OBSERVING AND NOT REPORTING.																			
GRP61059	07	1900	1929	1904	S14	E30	.596	13209	10.0	29	-N				1.54				3 3 3 3
BOUL	07	1900	1933	1903	S14	E28	.573	13209	9.9	33	1N		C	1903	1.93	2.18			
RAMY	07	1900	1925	1902	S14	E30	.596	13209	10.0	25	-B	4	C		1.39				DE
PALE	07	1901	1912D	1902	S15	E29	.593	13209	10.0	11D	-N	3	C		1.13				F U
RAMY	07	1905E	1925	1908	S15	E32	.626	13209	10.2	20D	-B	4	C		1.55				DE
PALE	07	1909E	1914D	1909U	S15	E31	.615	13209	10.1	5D	-N	3	C		1.03				F U
059 RAMY	07	1905E	1925	1908	S15	E42	.734	13209	10.9	20D	*-B	4	C		1.55				DE 4
GRP61060	07	2258	2342	2307	S15	E19	.487	13209	9.4	44	-N				1.77				2 2 2 2
BOUL	07	2258	2356	2308	S15	E19	.487	13209	9.4	58	1N		C	2308	2.25	2.38			
PALE	07	2253	2328	2305	S15	E18	.477	13209	9.3	30	-N	3	C		1.29				
	08	0046	0058	NO FLARE PATROL															
	08	0321	0326	NO FLARE PATROL															
GRP61061	08	1539	1550	1543	S13	E17	.444	13209	9.9	11	--F				.39				2 2 2 3
MCMA	08	1539	1548	1542	S13	E17	.444	13209	9.9	9	-F		C	1542	.41	.50			EH
RAMY	08	1544E	1552	1544U	S13	E17	.444	13209	9.9	8D	-F	4	C		.37				DE H
062 RAMY	08	1617E	1623	1619	N13	E90	1.000	13225	15.4	6D	-N	4	C						2
063 PALE	08	2117	2124	2119	N07	E85	.995	13225	15.3	7	--F	3	C		.62				DE 1
GRP61066	09	1049	1059	1052	N12	E78	.974	13225	15.3	10	--F				.32				3 2 2 10
RAMY	09	1047	1100	1049U	N14	E76	.965	13225	15.1	13	-F	3	C		.46				DE
TEHR	09	1051	1058	1054	N10	E80	.981	13225	15.5	7	-N	3	C		.17				DE
UPIC	09	1100	1120U	1105U	N10	E79	.978	13225	15.4	20D	1F		P	1105	.63				
GRP61067	09	1242	1256	1248	N08	W33	.540	13205	7.1	14	--F				.35				2 2 2 5
RAMY	09	1242	1258	1247	N07	W36	.584	13205	6.3	16	-F	4	C		.37				DE
TEHR	09	1244E	1253	1249	N09	W30	.496	13205	7.3	9D	-F	3	C		.33				DE R
068 RAMY	09	1611	1519D	1618U	N04	W37	.601	13205	6.9	8D	--F	3	C		.31				DE 3
GRP61069	09	1658	1706	1701	N06	E78	.976	13225	15.6	8	--N				.29				3 3 2 5
RAMY	09	1658E	1706D	1700U	N08	E79	.979	13225	15.6	8D	-F	2	C		.37				
MCMA	09	1658	1705	1701	N05	E78	.976	13225	15.6	7	-N		C	1701					D
HUAN	09	1702E	1702D		N06	E77	.972	13225	15.5		-N	1	P	1702	.21				D

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GRP61073	09	1718	1751	1722	N08	E77	.971	13225	15.5	33	-B				.50				4 4 3 4
PALE	09	1717	1742D	1720	N07	E76	.967	13225	15.4	25D	-B	3	C		.36				U
BOUL	09	1717	1800D	1721	N09	E75	.962	13225	15.3	43D	-N		C	1721	.64	1.95			
PALE	09	1718E	1743	1720	N09	E79	.978	13225	15.6	25D	-B	3	C		.36				U
MOMA	09	1720	1810		N05	E78	.976	13225	15.6	50	1N		C	1723					E
RAMY	09	1723E	1725D	1725U	N08	E79	.979	13225	15.6	2D	-B	1	V		.50				DE
BOUL	09	1731	1739	1734	N13	E73	.950	13225	15.2	8	-F		C	1734	.32	.92			
071 HUAN	09	1843	1847	1845	N06	E77	.972	13225	15.6	4	--F	1	C						D 2
	09	1855	1905	NO FLARE PATROL															
	09	1909	1918	NO FLARE PATROL															
	09	1922	1928	NO FLARE PATROL															
072 PALE	09	2023E	2024D	2024U	N05	E74	.959	13225	15.4	1D	-B	1	C		.36				1
	09	2024	2101	NO FLARE PATROL															
	09	2120	2131	NO FLARE PATROL															
073 PALE	09	2131E	2132D	2131U	N07	E75	.963	13225	15.5	1D	--F	2	C		.41				DE 1
	09	2132	2319	NO FLARE PATROL															
	09	2324	0019	NO FLARE PATROL															
	10	0027	0131	NO FLARE PATROL															
074 VORO	10	0224	0232	0225	N13	E74	.956	13225	15.6	8	1N		C	0225	1.29	4.01		67	EJL 2
075 VORO	10	0249	0304	0255	N11	E72	.946	13225	15.5	15	1F		C	0255	1.57	4.50		52	EHJL 4
GRP61081	10	1312	1344	1320	N08	E64	.894	13225	15.4	32	-N				1.12				7 7 7 8
MONT	10	1236E	1406	1323	N08	E63	.886	13225	15.3	90D	-N		C	1323	2.27				EH
MEUD	10	1258	1303	1259	N07	E65	.902	13225	15.4	5	-F		C	1259	.31	.70			
KIEV	10	1310	1324D	1320	N05	E63	.888	13225	15.3	14D	1N		P	1320	1.55			60	DI
BOUL	10	1310	1347	1321	N09	E62	.877	13225	15.2	37	-N		C	1321	.86	1.84			
HUAN	10	1314	1334	1318	N06	E65	.903	13225	15.4	20	-N	1	C	1318	.52	1.13			E
MEUD	10	1314	1335	1318	N07	E63	.887	13225	15.3	21	1N		C	1318	1.03	2.20			E
TEHR	10	1317E	1421	1319U	N10	E64	.893	13225	15.4	64D	-N	2	C		.64				F
ATHN	10	1319E	1336	1322	N08	E65	.902	13225	15.4	17D	-N	2	C		.99				U
GRP61085	10	1514	1525	1519	N09	E58	.842	13225	15.0	11	-N				.71				3 3 3 4
MEUD	10	1513	1520	1517	N09	E58	.842	13225	15.0	7	-N		C	1517	.62	1.10			E
HUAN	10	1514	1523	1520	N10	E58	.842	13225	15.0	9	-N	1	C	1520	.67	1.27			E
MOMA	10	1520E	1532D		N08	E57	.833	13225	14.9	12D	-N		C	1520	.83	1.70			EHL
	10	1619	1637	NO FLARE PATROL															
086 PALE	10	1646E	1654	1647	N09	W51	.771	13205	6.9	8D	--F	3	C		.26				DE 2
GRP61087	10	1752	1810	1756	N07	E58	.843	13225	15.1	18	--F				.47				2 2 2 4
MOMA	10	1752	1810	1757	N08	E56	.824	13225	14.9	18	-N		C	1757	.52	.90			E
PALE	10	1754E	1758D	1755U	N08	E57	.833	13225	15.0	4D	-F	2	V		.41				DE
MOMA	10	1805E	1810D		N05	E61	.872	13225	15.3	5D	-N		C	1805	.31	.60			E
	10	2031	2041	NO FLARE PATROL															
GRP61090	10	2121	2300	(2146)	N10	E61	.869	13225	15.5	99	2B				4.56				4 2 2 4
PALE	10	2120E	2243D	2137	N10	E61	.869	13225	15.5	83D	1B	3	V		2.68				DE U
MOMA	10	2120E	2120D		N05	E59	.854	13225	15.3		-F		P	2120	.41	.80			E
BOUL	10	2124	2252D	2155	N09	E61	.869	13225	15.5	88D	3N		C	2155	6.43	13.30			
MANI	10	2200E	2300D	2200U	N10	E60	.860	13225	15.4	60D	2B	1		2200	4.64	8.46			ZU
	10	2225	2226	NO FLARE PATROL															
61090	10	2256	2339	2324	N09	E60	.860	13225	15.5	43	*-B				1.14				2 2 2 2
PALE	10	2255E	2342D	2325	N05	E60	.863	13225	15.5	46D	-B	3	V		1.24				DE
MANI	10	2320E	2335	2322	N12	E59	.850	13225	15.4	15D	-N	1		2322	1.03	1.85			F
091 MANI	11	0015E	0030	0019U	N05	W58	.845	13205	6.7	15D	--F	1		0019	.31	.54			F 2
	11	0121	0125	NO FLARE PATROL															
092 MANI	11	0142E	0152D	0145	N11	E55	.813	13225	15.2	10D	-N	1		0145	1.03	1.72			F 1
	11	0152	0158	NO FLARE PATROL															

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093 PALE	11	0239E	0243D	0242	S14	E59	.885	13224	15.5	4D	-N	2	V		.52				F 3
	11	0250	0251	NO FLARE PATROL															
	11	0405	0408	NO FLARE PATROL															
	11	0424	0425	NO FLARE PATROL															
GRP61095	11	0633	0641	0636	S13	E53	.833	13224	15.2	8	--F				.55				3 3 3 5
ATHN	11	0632E	0640	0635U	S13	E54	.842	13224	15.3	8D	-F	2	C		.33				DE
MANI	11	0634	0642	0638	S13	E52	.824	13224	15.2	8	-F	2		0638	.41	.70			
ABST	11	0634	0642	0636	S14	E54	.845	13224	15.3	8	-F		P	0636	.90	1.60		55	DJ
GRP61104	11	1002	1013	1005	N09	E48	.738	13225	15.0	11	1N				1.99				5 5 5 7
MONT	11	0959	1007	1004	N09	E48	.738	13225	15.0	8	-N		C	1004	.72				D
ATHN	11	1002E	1008	1004U	N10	E47	.726	13225	14.9	6D	-F	2	C		.50				DE H
KHAR	11	1003E	1015D	1008	N09	E48	.738	13225	15.0	12D	1N		C	1008	2.01	3.10			T
WENO	11	1003E	1014		N08	E47	.726	13225	14.9	11D	2N		P		6.19	9.00			
MEUD	11	1003	1014	1004	N10	E48	.737	13225	15.0	11	-N		C	1004	.52	.70			E
MEUD	11	1003	1014	1011	N10	E48	.737	13225	15.0	11	-N		C	1004	.52	.70			E
ATHN	11	1010	1014	1012	N10	E47	.726	13225	14.9	4	-F	2	C		.17				DE H
ATHN	11	1010	1014	1012	N10	E47	.726	13225	14.9	4	-F	1		1012	.17	.20			
110 PALE	11	2209E	2236	2224U	N11	E43	.677	13225	15.1	27D	--F	3	C		.36				DE 1
	11	2249	2255	NO FLARE PATROL															
111 PALE	11	2255E	2307	2258	N11	E43	.677	13225	15.2	12D	--F	3	C		.52				DE 1
	11	2311	2321	NO FLARE PATROL															
	11	2340	2343	NO FLARE PATROL															
GRP61113	12	0627	0641	0633	S12	E43	.730	13224	15.5	14	--N				.62				3 3 3 6
JPIO	12	0625	0640U	0630	S12	E42	.719	13224	15.4	15D	-N		P	0630	1.05				
MANI	12	0625	0644	0634	S12	E43	.730	13224	15.5	19	-N	2		0634	.41	.62			
TEHR	12	0630	0639	0634	S12	E44	.741	13224	15.6	9	-N	4	C		.41				F
GRP61115	12	0717	0736	0724	N12	E38	.612	13225	15.2	19	-N				.97				4 3 3 6
MANI	12	0715	0727D	0722	N12	E37	.598	13225	15.1	12D	-N	2		0722	1.03	1.29			F
MONT	12	0717	0729	0724	N11	E38	.611	13225	15.2	12	-N		C	0724	1.13				E
TEHR	12	0720	0743	0725	N12	E38	.612	13225	15.2	23	-F	4	C		.74				F
HURB	12	0730	0740	0735	N10	E36	.583	13225	15.0	10	1N						2.08		E
GRP61117	12	0756	0813	0801	S15	W65	.928	13204	7.5	17	-N				.91				3 3 3 8
TEHR	12	0754	0807	0800	S17	W64	.925	13204	7.5	13	-F	4	C		.66				F
ABST	12	0757	0822D	0801	S12	W68	.941	13204	7.2	25D	-N		P	0801	1.18	1.50			DG
ARCE	12	0800E	0810D		S15	W63	.915	13204	7.6	10D	-N		P	0800	.88				B
GRP61122	12	1242	1256	1244	N07	E37	.598	13225	15.3	14	1N				2.32				4 4 3 9
RAMY	12	1240	1257D	1243U	N07	E37	.598	13225	15.3	17D	-N	4	C		.93				U
MEUD	12	1241	1250	1243	N07	E36	.584	13225	15.2	9	-F		C	1243	.93	1.10			E
KHAR	12	1243E	1305D	1244	N07	E37	.598	13225	15.3	22D	2N		C	1245	5.10	6.50			T
HURB	12	1244	1252	1246	N07	E39	.625	13225	15.5	8	-N						1.87		D
GRP61123	12	1335	1345	1336	S05	W44	.714	13208	9.3	10	--F				.56				2 2 2 6
ATHN	12	1334	1347	1336U	S05	W43	.702	13208	9.3	13	-F	2	C		.50				F
MEUD	12	1336	1342	1336	S05	W45	.726	13208	9.2	6	-F		C	1336	.62	.80			F
127 PALE	12	1749	1758	1755	S04	W46	.734	13208	9.3	9	--F	3	C		.45				F 1
128 PALE	12	1840	1855	1849	N10	E30	.497	13225	15.0	15	--N	3	C		.55				DE 2
GRP61129	12	1903	1936	1906	N12	E30	.499	13225	15.0	33	--B				.81				2 1 1 2
PALE	12	1903	1936D	1906	N12	E30	.499	13225	15.0	33D	-B	3	C		.81				DE
MCMA	12	1918E	1932D		N10	E30	.497	13225	15.1	14D	-N		P	1918	.41	.50			E
GRP61130	12	1941	2002	1949	N05	E37	.600	13225	15.6	21	--F				.15				2 2 2 3
RAMY	12	1941	2002D	1946	N05	E36	.586	13225	15.5	21D	-F	4	C		.15				DE H
MCMA	12	1948E	2000D	1951	N05	E38	.613	13225	15.7	12D	-N		C	1951	.15	.20			D
131 RAMY	12	2000	2012D	2003	N06	W78	.976	13205	7.0	12D	--F	3	C		.37				DE 3
GRP61132	12	2044	2052	2047	N10	E32	.526	13225	15.3	8	--N				.47				2 2 2 2
PALE	12	2021	2046	2030	N06	E36	.585	13225	15.5	25	-N	3	C		.36				
PALE	12	2044E	2052	2047	N11	E30	.498	13225	15.1	8D	-N	3	C		.57				F
MCMA	12	2046E	2051		N11	E30	.498	13225	15.1	5D	-N		P	2046	.36	.40			DH
133 MCMA	12	2135E	2140	2137	N05	E36	.586	13225	15.6	5D	--F		C	2137	.31	.40			D 2

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	12	2400	0150	NO FLARE PATROL															
134 MANI	13	0212	0227	0214U	S13	E32	.611	13224	15.5	15	--N	2		0214	.31	.38			2
135 TEHR	13	0625	0637	0628	S12	E30	.581	13224	15.5	12	--F	2	C		.66				F 3
GRP61136	13	0635	0537	0635	N10	E28	.467	13225	15.4	2	-N				1.45				1 1 1 3
MANI	13	0635E	0637D	0635U	N13	E30	.501	13225	15.5	20	-F	2		0635	.52	.59			F
MANI	13	0635E	0637D	0635U	N07	E26	.435	13225	15.2	20	-N	2		0635	.93	1.03			EU
GRP61138	13	1028	1051	1040	N12	E21	.362	13225	15.0	23	--F				.21				2 2 1 5
MONT	13	1024	1356	1040	N12	E21	.362	13225	15.0	32	-F		C	1040	.21				
WEND	13	1032	1045		N12	E20	.347	13225	14.9	13	-N								
GRP61140	13	1235	1255	1240	N13	E20	.350	13225	15.0	20	--F				.60				2 2 2 6
RAMY	13	1235E	1247	1238U	N13	E20	.350	13225	15.0	12D	-F	3	C		.28				DE
KHAR	13	1240E	1302D	1242	N13	E19	.335	13225	15.0	22D	-N		C	1242	.91	1.00			DT
KHAR	13	1248E	1302D	1248	N12	E21	.362	13225	15.1	14D	-F		C	1248	1.13	1.20			DT
GRP61141	13	1441	1452	1441	N12	E24	.409	13225	15.4	11	--N				.50				3 3 2 3
RAMY	13	1438	1448	1440U	N12	E22	.378	13225	15.3	10	-N	4	C		.37				DE
LOCA	13	1440	1451	1442	N12	E26	.439	13225	15.6	11	-N		V	1442	.63	.70			
WEND	13	1445	1456		N12	E23	.393	13225	15.3	11	-N								
GRP61142	13	1458	1525	1505	N12	E18	.315	13225	15.0	27	1B				2.14				4 4 4 6
WEND	13	1458	1530	1502	N12	E20	.347	13225	15.1	32	2N		P	1502	6.19	6.60			
UPIC	13	1502E	1519	1503	N12	E18	.315	13225	15.0	17D	-B		P	1503	.85				ITD
HUAN	13	1503E	1505D		N12	E17	.299	13225	14.9	2D	-N	1	P	1503	.67	.70			
MCMA	13	1508E	1526D	1510	N12	E18	.315	13225	15.0	18D	-B		C	1510	.83	.80			EHL
6 STATIONS REPORTING GROUP 61143. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP61143	13	1510	1802	1528	S09	E24	.483	13224	15.4	172	2B				9.17				6 6 6 6
RAMY	13	1458	1531	1500	S12	E19	.453	13224	15.0	33	1B	4	C		3.25				DE
RAMY	13	1505	1758	1526	S13	E24	.519	13224	15.4	173	2B	4	C		8.13				U U
MCMA	13	1510	1814D		S15	E23	.528	13224	15.4	184D	2B		C	1526	6.19	7.00			ILU
UPIC	13	1512	1511D	1525	S15	E25	.549	13224	15.5	59D	2B		P	1525	6.31				UF
WEND	13	1513	1714D	1529	N14	E24	.415	13224	15.4	121D	3B		P	1529	21.66	25.20			
HUAN	13	1526E	1755		S15	E25	.549	13224	15.5	149D	2N	2	P	1533	5.57	6.10			
LOCA	13	1528E	1615D	1532	S13	E23	.508	13224	15.4	47D	2B		V	1532	7.15	8.50			
61143	13	1510	1758	1517	S13	E26	.542	13224	15.6	168	*2B				5.28				2 1 1 5
RAMY	13	1510	1758	1517	S13	E26	.542	13224	15.6	168	2B	3	C		5.28				UDE
PALE	13	1639E	1748D	1659U	S13	E25	.530	13224	15.6	69D	1N	3	C		2.27				UDE
144 HUAN	13	1852	1902	1854	S19	E32	.656	13224	16.2	10	--F	2	C	1854	.21	.27			D 2
	13	2156	2212	NO FLARE PATROL															
	13	2217	0030	NO FLARE PATROL															
145 PALE	14	0204E	0210D	0206	N12	E17	.299	13225	15.4	6D	--F	2	C		.27				2
	14	0234	0245	NO FLARE PATROL															
146 PALE	14	0246	0305	0247	N06	E16	.275	13225	15.3	19	--F	2	C		.27				3
GRP61147	14	0529	0555	0534	N07	E15	.257	13225	15.4	26	-N				1.04				3 3 3 5
MANI	14	0528	0555	0534	N07	E15	.257	13225	15.4	27	-N	2		0534	1.03	1.07			F
TEHR	14	0528	0555	0534	N08	E15	.257	13225	15.4	27	-N	3	C		1.09				F
ATHN	14	0530	0555	0535	N07	E14	.240	13225	15.3	25	-N	2	C		.99				F
GRP61149	14	0643	0700	0647	N12	E13	.236	13225	15.3	17	--N				.47				3 3 3 5
TEHR	14	0642	0659	0644	N12	E14	.252	13225	15.3	17	-N	3	C		.45				F
ATHN	14	0643	0700	0648	N11	E12	.215	13225	15.2	17	-N	2	C		.66				F
MANI	14	0644E	0700	0648U	N13	E13	.243	13225	15.3	16D	-N	2		0648	.31	.32			F
GRP61150	14	0745	0812	0750	N13	E08	.170	13225	14.9	27	--N				.68				4 4 4 5
TEHR	14	0742	0817	0748	N14	E08	.180	13225	14.9	35	-N	3	C		.36				DE
ATHN	14	0745	0801	0750U	N12	E09	.175	13225	15.0	16	-F	3	C		.66				F
ABST	14	0746	0813D	0751	N14	E07	.168	13225	14.8	27D	-N		P	0751	.99	1.00			D
MONT	14	0746	0816	0752	N13	E08	.170	13225	14.9	30	-N		C	0752	.72				
GRP61151	14	0813	0833	0818	N08	E13	.223	13225	15.3	20	--N				.79				5 5 5 7
MONT	14	0812	0829	0817	N07	E13	.223	13225	15.3	17	-N		C	0817	.62				
ATHN	14	0813	0835	0817	N08	E12	.207	13225	15.2	22	-N	2	C		.66				DE
TEHR	14	0813	0835	0817	N08	E13	.223	13225	15.3	22	-N	3	C		1.09				U
ARCE	14	0815E	0835D		N08	E13	.223	13225	15.3	20D	-N		C	0817	.69	.70			T
HERS	14	0820E	0832D	0820E	N07	E12	.206	13225	15.2	12D	-F		P	0823	.89	.90			E

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GRP61152	14	0943	0959	0948	N08	E12	.207	13225	15.3	16	--F				.50				4 4 4 5
ATHN	14	0943	0959	0946	N07	E11	.189	13225	15.2	16	-N	1	C		.33				DE
TEHR	14	0943	0958	0948	N08	E13	.223	13225	15.4	15	-F	2	C		.83				U
MONT	14	0944	1000	0949	N07	E10	.172	13225	15.2	16	-F		C	0949	.21				
ARCE	14	0950E	10000		N08	E12	.207	13225	15.3	10D	-F		C	0955	.63	.60			
GRP61153	14	0948	1009	0953	S10	E14	.377	13224	15.5	21	--F				.21				2 1 1 5
MONT	14	0948	1009	0953	S10	E14	.377	13224	15.5	21	-F		C	0953	.21				
ARCE	14	0950E	10000		S20	E12	.495	13224	15.3	10D	-F		P	1000	.50	.60			
GRP61154	14	1035	1058	1039	N07	E12	.206	13225	15.3	23	--N				.93				4 4 4 5
TEHR	14	1033	1058	1039	N08	E12	.207	13225	15.3	25	-N	2	C		1.00				U
BUCA	14	1035	1100		N06	E12	.208	13225	15.3	25	-B		C	1040	1.32	1.30			E
ATHN	14	1035	1053	1038	N07	E10	.172	13225	15.2	18	-N	1	C		.66				DE
MONT	14	1037	1059	1041	N07	E12	.206	13225	15.3	22	-N		C	1041	.72				E
GRP61155	14	1224	1243	1230	N13	E12	.227	13225	15.4	19	--N				.89				2 2 2 4
TEHR	14	1223	1241	1230	N14	E10	.207	13225	15.3	18	-N	3	C		.45				DE
BUCA	14	1225	1245		N11	E14	.247	13225	15.6	20	-N		C	1230	1.32	1.30			E
GRP61156	14	1423	1444	1426	S05	W71	.950	13208	9.3	21	-N				.54				3 3 3 4
HUAN	14	1422	1444	1427	S05	W77	.977	13208	8.8	22	-F	1	C	1427	.46				
ATHN	14	1423	14350	1426	S14	W69	.938	13208	9.4	12D	-N	1	C		.50				DE
TEHR	14	1426E	14310	1426U	S05	W66	.920	13208	9.7	5D	-N	1	V		.66				F
157 HUAN	14	1602	1608		N11	W90	1.000	13205	7.9	6	--F	1	C	1602	.26				D . 2
	14	1635	1638	NO FLARE PATROL															
GRP61158	14	1901	1916	1906	N12	E03	.098	13225	15.0	15	--N				.47				2 2 2 2
PALE	14	1901	1916	1906	N13	E03	.113	13225	15.0	15	-N	3	C		.31				DE
MCMA	14	1905E	19130		N11	E03	.084	13225	15.0	8D	-N		P	1905	.62	.60			E
	15	0419	0425	NO FLARE PATROL															
GRP61159	15	0535	0553	0539	N06	E02	.041	13225	15.4	17	--N				.77				2 2 2 2
ATHN	15	0535E	0552	0538	N06	E02	.041	13225	15.4	17D	-N	1	V		.99				DE
TEHR	15	0536	0554	0540	N06	E02	.041	13225	15.4	18	-N	3	C		.55				F
GRP61164	15	1255	1314	1300	N06	W06	.106	13225	15.1	19	--N				.37				2 2 2 3
HUAN	15	1255	1316	1259	N05	W06	.111	13225	15.1	21	-N	1	C	1259	.46	.47			
TEHR	15	1256E	1312	1300U	N06	W06	.106	13225	15.1	16D	-N	2	C		.28				DE
166 HUAN	15	1410	1413	1410	S12	W07	.349	13224	15.1	3	--F	2	C	1410	.21	.22			D 3
GRP61170	15	1604	1608	(1605)	S12	W09	.362	13224	15.0	4	--F				.36				2 2 2 3
HUAN	15	1604E	16060		S12	W08	.355	13224	15.1	2D	-N	1	P	1605	.41	.44			C
MCMA	15	1604E	1608D		S12	W10	.369	13224	14.9	4D	-F		P	1605	.31	.30			D
GRP61172	15	1803	1848	1840	N11	W11	.199	13225	14.9	45	--N				.29				2 2 2 2
MCMA	15	1803	1851	1841	N10	W12	.211	13225	14.9	48	-N		C	1841	.21	.20			D
PALE	15	1831E	1845	1838	N11	W09	.168	13225	15.1	14D	-N	3	C		.36				DE
	15	1929	1944	NO FLARE PATROL															
	15	2005	2011	NO FLARE PATROL															
173 PALE	15	2015E	2021	2015U	N12	W11	.205	13225	15.0	6D	--N	3	C		.27				DE 2
	15	2031	2039	NO FLARE PATROL															
	15	2110	2200	NO FLARE PATROL															
GRP61174	15	2212	2239	2215	N12	W13	.236	13225	15.0	27	--B				.69				2 2 2 2
VORO	15	2212	2238	2215	N12	W14	.252	13225	14.9	26	-B		C	2215	.65	.66		87	DJ
PALE	15	2213E	2239D	2215U	N12	W12	.221	13225	15.0	26D	-N	3	C		.72				DE
175 PALE	15	2353E	2357D	2354U	N06	W10	.174	13225	15.2	4D	--F	2	C		.36				DE 3
GRP61175	16	0225	0243	0236	N11	W15	.264	13225	15.0	18	-F				.80				2 2 2 4
MANI	16	0225E	0245	0233	N11	W14	.248	13225	15.1	20D	-N			0233	1.24	1.28			
MANI	16	0225E	0245	0229U	N11	W14	.248	13225	15.1	20D	-N	1		0229	.62	.65			FH
PALE	16	0238E	0241	0238U	N11	W16	.280	13225	14.9	3D	-F	2	C		.36				DE
GRP61177	16	0259	0313	0301	S11	W15	.399	13224	15.0	14	--N				.66				2 2 2 2
TEHR	16	0258E	0313	0300	S10	W16	.398	13224	14.9	15D	-N	2	C		.59				F
MANI	16	0300	0313	0302	S12	W14	.402	13224	15.1	13	-N	1		0302	.72	.78			F
178 PALE	16	0331E	0338	0333	S10	W16	.398	13224	14.9	7D	--F	2	C		.36				DE 3

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GRP61180	16	0438	0452	0440	S11	W16	.410	13224	15.0	14	--N				.59				2 2 2 3
MANI	16	0438	0453	0440	S11	W15	.399	13224	15.1	15	-N	1		0440	.52	.56			F
TEHR	16	0438	0447	0439	S10	W16	.398	13224	15.0	9	-N	4	V		.66				U F
TEHR	16	0438	0450	0439	S10	W17	.409	13224	14.9	12	-N	4	C		.37				F
GRP61181	16	0631	0651	0635	N08	W14	.240	13225	15.2	20	--F				.68				2 2 2 6
ABST	16	0625	0650D	0636	N08	W15	.257	13225	15.1	25D	-F		P	0636	1.08	1.10			DJ
TEHR	16	0630	0651	0633	N07	W14	.240	13225	15.2	21	-F	3	C		.28				
ABST	16	0632	0650D	0640	N09	W13	.225	13225	15.3	18D	-F		P	0640	.90	.90			DJ
6 STATIONS REPORTING GROUP 61182. 3 STATIONS OBSERVING AND NOT REPORTING.																			
GRP61182	16	0750	0815	0757	N07	W15	.257	13225	15.2	25	--N				.54				5 5 5 9
MONT	16	0745	0749	0748	N07	W10	.172	13225	15.6	4	-F		C	0748	.21				
MONT	16	0748	0814	0758	N08	W14	.240	13225	15.3	26	-N		C	0758	.62				E
MANI	16	0750E	0815D	0752U	N06	W16	.275	13225	15.1	25D	-F	1		0752	.52	.54			F
ATHN	16	0751	0819	0758	N07	W16	.274	13225	15.1	28	-N	2	C		.50				F
TEHR	16	0755E	0813	0758	N07	W15	.257	13225	15.2	18D	-N	4	C		.37				F H
ARCE	16	0800E	0812D		N08	W14	.240	13225	15.3	12D	-F		P	0800	.69	.70			
TEHR	16	0815E	0824	0819U	N10	W19	.325	13225	14.9	9D	-N	4	C		.36				F
61182	16	0726	0810	0731	N06	W13	.224	13225	15.3	44	*-F				.78				2 2 2 8
UPIC	16	0720	0810	0730U	N06	W16	.275	13225	15.1	50	-N		P	0730	1.47				ITK
TEHR	16	0731	0736D	0732	N06	W09	.157	13225	15.6	5D	-F	3	C		.08				
GRP61184	16	0858	0914	0902	N10	E69	.928	13234	21.5	16	--F				.31				3 3 3 7
TEHR	16	0856	0906	0901	N09	E70	.935	13234	21.6	10	-F	4	C		.19				
ATHN	16	0859	0923	0902	N11	E70	.934	13234	21.6	24	-F	1	C		.33				F
MONT	16	0859	0912	0902	N10	E67	.915	13234	21.4	13	-N		C	0902	.41				E
GRP61185	16	0933	0945	0936	N07	W11	.189	13225	15.6	12	--F				.37				3 2 2 7
UPIC	16	0840	0950U	0850	N07	W16	.274	13225	15.2	70D	-F		P	0850	1.68				IEKT
MONT	16	0933	0944	0936	N07	W11	.189	13225	15.6	11	-N		C	0936	.41				E
ATHN	16	0933	0945	0935	N07	W11	.189	13225	15.6	12	-F	1	C		.33				F
GRP61186	16	1057	1121	1104	N07	W17	.290	13225	15.2	24	--N				.47				4 4 3 7
MONT	16	1055	1110D	1106	N08	W15	.257	13225	15.3	15D	-N		C	1106	.62				E
TEHR	16	1056	1126	1101	N07	W18	.307	13225	15.1	30	-N	4	C		.45				U F
WEND	16	1058	1122		N07	W18	.307	13225	15.1	24	-N								
ATHN	16	1100	1116	1106	N07	W18	.307	13225	15.1	16	-F	1	C		.33				F
GRP61187	16	1140	1234	1147	N10	W18	.309	13225	15.1	54	-N				1.05				2 2 2 6
UPIC	16	1140	1230U	1145	N07	W17	.290	13225	15.2	50D	-N		P	1145	1.68				ITK
MCMA	16	1140	1155	1148	N11	W21	.360	13225	14.9	16	-N		C	1148	.41	.40			E
MCMA	16	1229	1234	1229	N13	W16	.289	13225	15.3	5	-N		C	1229	.21	.20			O
GRP61188	16	1323	1545	1434	N05	W19	.326	13225	15.1	142	--F				1.52				3 3 3 5
MCMA	16	1305E	1600D		N05	W18	.310	13225	15.2	175D	1N		C	1350	2.27	2.20			FH
HUAN	16	1320U	1425	1342U	N05	W22	.374	13225	14.9	66D	-F	1	C	1342	.83	.89			T
UPIC	16	1325	1345U	1335	N06	W21	.357	13225	15.0	20D	-F		P	1335	1.47				IT
UPIC	16	1525U	1530		N07	W14	.240	13225	15.6	5D	-N		P	1525	.63				IT
GRP61191	16	2204	2213	2207	N06	W24	.405	13225	15.1	9	--N				.49				2 2 2 2
MCMA	16	2204	2213D		N05	W25	.422	13225	15.0	9D	-N		C	2211	.62	.70			E
PALE	16	2207E	2210D	2207U	N07	W23	.388	13225	15.2	3D	-N	2	C		.36				F
	16	2213	2225	NO FLARE PATROL															
	16	2230	2305	NO FLARE PATROL															
	16	2312	2317	NO FLARE PATROL															
	17	0044	0101	NO FLARE PATROL															
192 MANI	17	0122	0134D	0127	N11	W29	.483	13225	14.9	12D	-N	1		0127	1.03	1.18			F 1
	17	0134	0150	NO FLARE PATROL															
193 MANI	17	0150E	0208D	0150U	N10	W28	.467	13225	15.0	18D	-N	1		0150	1.24	1.40			1
	17	0208	0241	NO FLARE PATROL															
GRP61194	17	0329	0404	0334	N05	W27	.453	13225	15.1	35	-N				1.13				3 3 3 3
TEHR	17	0326	0404	0333	N06	W26	.436	13225	15.2	38	-N	3	C		1.00				F
VORO	17	0329	0400D	0333	N04	W28	.470	13225	15.0	31D	-B		C	0333	1.47	1.64		76	
TACH	17	0331	0356D	0336	N06	W28	.467	13225	15.0	25D	-N		V	0333	.91	1.04		69	E

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GRP61195	17	0717	0737	0721	N06	W30	.497	13225	15.1	20	--N				.79				4 4 4 7
ATHN	17	0715	0741	0722	N07	W30	.496	13225	15.1	26	-N	1	C		.50				F
TEHR	17	0716	0738	0719	N06	W28	.467	13225	15.2	22	-N	3	C		.72				F
UPIC	17	0718	0730	0723	N05	W30	.499	13225	15.1	12	-N		P	0723	.85				IT
BUCA	17	0720	0737		N06	W30	.497	13225	15.1	17	-N		C	0720	1.10	1.30			E
GRP61198	17	1103	1122	1108	S11	W32	.597	13224	15.1	19	--F				1.04				4 4 4 8
ATHN	17	1006E	1119	1108	S13	W32	.611	13224	15.0	73D	-F	1		1118	.68	.70			
MEUD	17	1037	1125	1107	S12	W29	.568	13224	15.3	48	-N		C	1107	1.24	1.50			F
TEHR	17	1102	1122	1109	S10	W33	.603	13224	15.0	20	-N	4	C		.45				F
ABST	17	1103E	1117D	1109	S10	W33	.603	13224	15.0	14D	1F		P	1109	1.80	2.20			FJ
ATHN	17	1105	1125	1109	S12	W30	.580	13224	15.2	20	-F	2	C		.66				F
GRP61203	17	1501	1516	1507	S13	W32	.611	13224	15.2	15	--F				.32				3 3 3 4
RAMY	17	1500	1515	1504	S14	W33	.629	13224	15.1	15	-F	4	C		.28				DE
MCMA	17	1501	1517	1510	S12	W33	.616	13224	15.2	16	-N		C	1510	.26	.40			D
MEUD	17	1503	1515	1508	S13	W31	.599	13224	15.3	12	-F		C	1508	.41	.50			
GRP61205	17	1756	1818	1800	N11	W37	.598	13225	15.0	22	--F				.76				5 5 5 5
BOUL	17	1752	1825	1801	N10	W37	.597	13225	15.0	33	-N		C	1801	.96	1.21			
RAMY	17	1756	1819	1758	N10	W36	.583	13225	15.0	23	-F	4	C		1.03				DE H
HUAN	17	1758	1814	1800	N12	W40	.639	13225	14.7	16	-N	2	C	1800	.67	.88			E
PALE	17	1758	1813	1800	N12	W38	.612	13225	14.9	15	-F	3	V		.83				F
MCMA	17	1803E	1803D		N13	W40	.640	13225	14.8		-F		P	1803	.31	.40			D
PALE	17	1808	1814	1810	N08	W33	.540	13225	15.3	6	-F	3	V		.21				U
PALE	17	1824	1829	1825	N12	W32	.528	13225	15.4	5	-F	3	V		.21				DE
GRP61206	17	1832	2015	1837	S09	W37	.646	13224	15.0	103	--F				.80				3 2 2 4
RAMY	17	1828	1847D	1836	S09	W37	.646	13224	15.0	19D	-F	4	C		.46				DE
BOUL	17	1828	2015	1910	S13	W33	.622	13224	15.3	107	-F		C	1910	1.71	2.04			
PALE	17	1835	1854	1838	S09	W36	.634	13224	15.1	19	-F	3	V		1.13				
GRP61207	17	1923	1931	1927	N10	W33	.541	13225	15.3	8	--F				.53				2 2 2 3
BOUL	17	1921	1932	1927	N10	W33	.541	13225	15.3	11	-F		C	1927	.75	.89			
HUAN	17	1925	1929	1926	N09	W33	.540	13225	15.3	4	-N	2	C	1926	.31	.37			
208 BOUL	17	2002	2026	2010	N12	W33	.543	13225	15.4	24	--F		C	2010	.54	.64			2
	17	2133	2213	NO FLARE PATROL															
GRP61209	17	2212	2235	2221	N11	W34	.556	13225	15.4	23	--N				.60				3 3 3 3
BOUL	17	2212	2221D	2219	N12	W34	.557	13225	15.4	9D	-F		C	2219	.32	.39			
VORO	17	2215E	2238		N10	W35	.569	13225	15.3	23D	-B		C	2221	.46	.56		71	
MANI	17	2222E	2232	2223U	N11	W33	.542	13225	15.5	10D	-N	1		2223	1.03	1.23			
GRP61211	18	0053	0107	0053	N10	W34	.555	13225	15.5	14	--N				.52				2 1 1 3
MANI	18	0053E	0107	0053U	N10	W34	.555	13225	15.5	14D	-N	1		0053	.52	.63			
PALE	18	0104E	0107	0104U	N08	W37	.597	13225	15.3	3D	-F	2	V		.26				F
GRP61213	18	0316	0331	0322	N06	W40	.639	13225	15.1	15	--F				.41				4 4 4 4
TEHR	18	0316	0334	0324	N04	W40	.642	13225	15.1	18	-N	4	C		.41				DE
MANI	18	0318E	0339	0318U	N05	W41	.654	13225	15.1	21D	-F	2		0318	.31	.41			
TACH	18	0320E	0325	0323	N08	W41	.651	13225	15.1	5D	-N		V	0323	.64	.86		54	DLT
PALE	18	0324E	0325D	0324U	N07	W39	.625	13225	15.2	1D	-F	2	V		.26				
GRP61214	18	0451	0515	0454	N09	W37	.597	13225	15.4	24	--N				.70				2 2 2 4
MANI	18	0451	0515	0454	N08	W36	.583	13225	15.5	24	-N	2		0454	.83	1.02			FH
TEHR	18	0452E	0505D	0453U	N10	W37	.597	13225	15.4	13D	-N	4	V		.56				DE
GRP61215	18	0720	0746	0728	N10	W38	.611	13225	15.5	26	--F				.90				5 5 5 8
MONT	18	0718	0732	0726	N12	W38	.612	13225	15.5	14	-F		C	0726	.21				
TEHR	18	0720E	0735D	0728	N08	W38	.611	13225	15.5	15D	-N	4	V		.41				DE
BUCA	18	0720	0800		N11	W39	.625	13225	15.4	40	1F		C	0738	2.21	2.80			E
ATHN	18	0723	0757	0729	N12	W39	.626	13225	15.4	34	-N	1	C		.66				F
MANI	18	0728E	0748D	0730U	N08	W37	.597	13225	15.5	20D	-F	1		0730	1.03	1.29			F
5 STATIONS REPORTING GROUP 61217.					4 STATIONS OBSERVING AND NOT REPORTING.														
GRP61217	18	0824	0840	0827	N09	W42	.664	13225	15.2	16	-N				1.47				5 5 5 9
MONT	18	0821	0842	0825	N08	W41	.651	13225	15.3	21	-N		C	0825	1.86				
ABST	18	0823	0847	0826	N13	W42	.665	13225	15.2	24	-N		C	0826	.90	1.20			D
TEHR	18	0825E	0840D	0828U	N08	W39	.625	13225	15.4	15D	-N	4	V		.41				F
UPIC	18	0825	0840	0830U	N07	W43	.678	13225	15.1	15	-N		P	0830	1.26				IT
ABST	18	0825	0839	0826	N08	W44	.690	13225	15.1	14	1N		C	0826	1.89	2.50			EV
KHAR	18	0825E	0840D		N13	W42	.665	13225	15.2	15D	-N		P	0830	1.03	1.50	1.80		DT
KHAR	18	0825E	0840D		N09	W43	.677	13225	15.1	15D	-F		P	0830	1.13	1.50	1.80		DT
217 ABST	18	0824	0830	0826	N10	W49	.749	13225	14.7	6	*-F		C	0826	.63	.90			O 9

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8 STATIONS REPORTING GROUP 61219.						3 STATIONS OBSERVING AND NOT REPORTING.													
GRP61219	18	1108	1234	1122	N11	W42	.664	13225	15.3	86	2N				4.55				4 4 3 9
HJR3	18	1054	1244	1123	N13	W38	.613	13225	15.6	110	2N						2.77		EIF
KHAR	18	1059E	1200D		N13	W43	.678	13225	15.2	61D	2N		P	1122	6.24	8.60	1.80		ET
MONI	18	1107E	1234	1124	N10	W42	.664	13225	15.3	87D	1N		C	1124	3.40				
KHAR	18	1108E	1142D		N10	W45	.702	13225	15.1	34D	1N		P	1136	2.84	4.00	1.20		DT
UPIC	18	1110	1225	1120U	N10	W42	.664	13225	15.3	75	2N		P	1120	4.00				ITF
61219	18	1051	1244	1058	N09	W42	.664	13225	15.3	113	*-N				1.26				4 4 4 6
KHAR	18	1045E	1200D		N08	W48	.738	13225	14.8	75D	1N		P	1107	2.84	3.80	1.20		DT
TEHR	18	1046E	1148D	1057	N08	W40	.638	13225	15.4	62D	-N	4	V		1.03				F
KHAR	18	1050E	1110D		N14	W39	.628	13225	15.5	20D	-N		P	1053	.93	1.40	1.20		DT
ATHN	18	1052	1244	1056	N08	W42	.664	13225	15.3	112	-N	1		1056	.34	.37			
UPIC	18	1055	1103U	1101	N06	W46	.716	13225	15.0	8D	-N		P	1101	.42				ITD
UPIC	18	1055	1103U	1101	N13	W39	.627	13225	15.5	8D	-N		P	1101	.42				ITD
61219	18	1142	1345	(1151)	N12	W45	.702	13225	15.1	123	*-N				1.14				3 3 2 10
MCMA	18	1142E	1345D		N12	W41	.652	13225	15.4	123D	1B		P	1150	1.55	2.10			E
HJAN	18	1147E	1200D		N12	W42	.665	13225	15.3	13D	-N	1	P	1152	.72	.96			C
KHAR	18	1150E	1159D		N12	W52	.782	13225	14.6	9D	-F		V						DT
4 STATIONS REPORTING GROUP 61221.						0 STATIONS OBSERVING AND NOT REPORTING.													
GRP61221	18	1610	1830	1634	N08	W45	.702	13225	15.3	140	1N				2.04				2 2 2 4
BOUL	18	1610	1840	1635	N07	W48	.739	13225	15.1	150	1N		C	1635	1.39	2.08			
PALE	18	1633E	1819	1633U	N08	W42	.664	13225	15.5	106D	1N	3	V		2.68				U F
61221	18	1520	1938	1604	N09	W47	.726	13225	15.1	258	*1N				2.48				3 1 1 3
HUAN	18	1520	1938D		N09	W47	.726	13225	15.1	258D	1N	1	P	1713	2.48	2.50			
BOUL	18	1528	1635	1604	N11	W43	.677	13225	15.4	67	1F		C	1604	2.03	2.79			
MCMA	18	1546E	2010		N12	W43	.677	13225	15.4	264D	1B		P	1649	2.06	2.80			F
GRP61222	18	1925	1932	1927	S12	W67	.936	13232	13.8	7	-N				.39				2 2 2 3
HUAN	18	1924	1931	1926	S13	W67	.937	13232	13.8	7	-N	2	C	1926	.36				
MCMA	18	1925	1932	1927	S11	W67	.934	13232	13.8	7	-N		C	1927	.41	1.30			E
	18	2155	2205	NO FLARE PATROL															
223 PALE	19	0145E	0208D	0159U	S12	W67	.935	13232	14.0	22D	--N	2	V		.52				DE 2
	19	0206	0228	NO FLARE PATROL															
	19	0233	0310	NO FLARE PATROL															
224 TACH	19	0425E	0435D	0430	N09	W52	.782	13225	15.3	10D	1N		V	0430	1.36	2.21		63	E 1
3 STATIONS REPORTING GROUP 61225.						1 STATIONS OBSERVING AND NOT REPORTING.													
GRP61225	19	0624	0544	0628	N11	W56	.823	13225	15.1	20	--F				1.12				3 3 3 4
ATHN	19	0623	0636	0628	N11	W58	.842	13225	14.9	13	-F	1		0628	.52	.68			
BUCA	19	0625	0651		N11	W58	.842	13225	14.9	26	1F		C	0628	2.21	4.10			E
MANI	19	0526E	0529D	0628	N11	W52	.782	13225	15.4	3D	-F	1		0628	.62	.98			F
225 ATHN	19	0632	0537	0633	N03	W55	.818	13225	15.1	5	*-F	1		0633	.17	.20			4
229 BOUL	19	1930	1959	1940	N10	W66	.908	13225	14.9	29	--F		C	1940	.32	.78			3
GRP61230	19	2052	2122	2111	S11	W64	.915	13224	15.1	30	--F				.59				2 2 2 2
BOUL	19	2052	2122	2108	S10	W65	.920	13224	15.0	30	-F		C	2108	.86	2.02			
PALE	19	2112E	2114D	2114U	S12	W63	.910	13224	15.2	2D	-N	2	V		.31				F
5 STATIONS REPORTING GROUP 61231.						0 STATIONS OBSERVING AND NOT REPORTING.													
GRP61231	19	2220	0008	2240	N09	W62	.878	13225	15.3	108	2N				5.57				3 3 3 4
BOUL	19	2210	0015D	2244	N12	W62	.876	13225	15.3	125D	2N		C	2244	4.82	10.41			
VORO	19	2224	0225D	2239	N08	W62	.878	13225	15.3	241D	3F		C	2239	9.00	17.90		111	
PALE	19	2225	0000	2238U	N07	W63	.887	13225	15.2	95	2B	2	V		2.89				UDE
61231	19	2253	0208	2253	N08	W63	.886	13225	15.2	195	*1B				3.97				2 2 2 5
MANI	19	2253E	0208D	2253U	N08	W63	.886	13225	15.2	195D	2B	2		2253	6.19	11.82			E
MANI	19	2253E	0106D	2253U	N04	W65	.904	13225	15.1	133D	-N	2		2253	.41	.81			F
MANI	19	2253E	0106D	0000	N04	W65	.904	13225	15.1	133D	-N			0000	.83	1.62			
MITK	20	0134E	0155D		N10	W62	.877	13225	15.4	21D	1B		C	0135	1.75	3.60			E
	20	0231	0308	NO FLARE PATROL															
233 TACH	20	0345E	0346D		N10	W66	.908	13225	15.2	1D	-N		V	0345	1.19			66	E 1
234 TACH	20	0416E	0428D		N10	W67	.915	13225	15.2	12D	-N		V	0416	.83			51	E 3

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GRP61235	20	1243	1253	1247	N15	W80	.980	13225	14.5	10	--F				.55				2 2 1 4
TEHR	20	1242E	1250D	1246U	N15	W79	.977	13225	14.6	8D	-F	3	C		.55				F
MCMA	20	1243	1253	1247	N14	W80	.980	13225	14.5	10	-F		C	1247					D
	20	1952	2011	NO FLARE PATROL															
	20	2018	2031	NO FLARE PATROL															
237 HJAN	20	2031E	2045D		N13	W79	.977	13225	14.9	14D	--F	1	P	2038	.21				CD 1
	20	2045	2049	NO FLARE PATROL															
	20	2058	2106	NO FLARE PATROL															
	20	2138	2154	NO FLARE PATROL															
	20	2214	2220	NO FLARE PATROL															
238 VORO	20	2307	2314	2309	N04	W82	.989	13225	14.8	7	1F		C	2309	.46	2.26		59	1
239 VORO	21	0011	0018	0013	N12	E09	.176	13234	21.7	7	--B		C	0013	.65	.65		77	1
GRP61240	21	0406	0420	0408	N08	W86	.996	13225	14.7	14	-N				.60				2 2 2 2
TEHR	21	0406E	0420	0408	N08	W86	.996	13225	14.7	14D	-N	3	C		.28				F
TACH	21	0407E	0415D		N07	W85	.995	13225	14.8	8D	-N		V	0407	.91			54	
243 HJAN	21	1310	1340	1317	N13	W87	.997	13225	15.0	30	--F	1	C	1317	.36				3
244 HJAN	21	1542	1548	1546	N04	W90	1.000	13225	14.9	6	--F	1	C	1546	.26				D 2
	21	1938	1950	NO FLARE PATROL															
	21	2010	2015	NO FLARE PATROL															
	21	2019	2022	NO FLARE PATROL															
245 MCMA	21	2022E	2040D	2032	N14	W88	.998	13225	15.2	18D	--F		C	2032					D 1
	21	2040	2053	NO FLARE PATROL															
	21	2134	2135	NO FLARE PATROL															
	22	0230	0239	NO FLARE PATROL															
249 HJAN	22	1204	1228	1220U	N17	W90	.999	13225	15.8	24	--F	1	C	1220	.26				D 3
250 HJAN	22	1254	1312	1305	N17	W90	.999	13225	15.8	18	-N	1	C	1305	.36				3
	22	1539	1540	NO FLARE PATROL															
	22	2201	2253	NO FLARE PATROL															
	22	2257	2321	NO FLARE PATROL															
	22	2326	2342	NO FLARE PATROL															
252 MITK	23	0021E	0045D		N13	W90	1.000	13225	16.3	24D	1B		C	0042	.62				D 2
	23	0105	0115	NO FLARE PATROL															
	23	0138	.0142	NO FLARE PATROL															
	23	0313	0334	NO FLARE PATROL															
	23	0340	0422	NO FLARE PATROL															
	23	0522	0551	NO FLARE PATROL															
	23	2355	0110	NO FLARE PATROL															
	24	0122	0132	NO FLARE PATROL															
	24	0243	0250	NO FLARE PATROL															
	24	0315	0434	NO FLARE PATROL															
	24	2242	2247	NO FLARE PATROL															
	25	0040	0042	NO FLARE PATROL															

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	25	0050	0052	NO FLARE PATROL															
255 TEHR	25	0446	0500	0449	S11	E86	.999	13257	31.6	14	--F	3	C		.28				3
256 TEHR	25	0504	0530	0522	S11	E86	.999	13257	31.7	26	--F	3	C		.45				4
	25	0649	0703	NO FLARE PATROL															
	26	0230	0231	NO FLARE PATROL															
	26	2400	0041	NO FLARE PATROL															
	27	0046	0050	NO FLARE PATROL															
	27	0110	0115	NO FLARE PATROL															
	27	0148	0154	NO FLARE PATROL															
	27	0158	0205	NO FLARE PATROL															
GRP61264	27	1253	1340	1313	N13	W32	.531	13250	25.1	47	--F				.29				3 3 3 7
MONT	27	1253	13240	1313	N13	W31	.517	13250	25.2	310	-F		C	1313	.21				
TEHR	27	1253E	13190	1311U	N14	W31	.519	13250	25.2	260	-F	3	C		.36				F
HTPR	27	1253	1340	1315	N12	W33	.544	13250	25.1	47	-F		C	1315	.31	.40			E
HTPR	27	1253	1340	1315	N12	W33	.544	13250	25.1	47	-F		C	1315	.31	.40			E
	27	2041	2056	NO FLARE PATROL															
	27	2121	2225	NO FLARE PATROL															
	27	2335	2344	NO FLARE PATROL															
	28	0034	0043	NO FLARE PATROL															
	28	0135	0142	NO FLARE PATROL															
	28	0203	0210	NO FLARE PATROL															
	28	0213	0234	NO FLARE PATROL															
	28	0235	0240	NO FLARE PATROL															
	28	0241	0246	NO FLARE PATROL															
GRP61270	28	1407	1414	1409	S05	E76	.973	13263	4.3	7	--F				.26				2 2 2 5
BOUL	28	1404	1412	1408	S05	E73	.960	13263	3.1	8	-F		C	1408	.21	.62			
HJAN	28	1409	1415	1410	S05	E78	.981	13263	3.4	6	-F	1	C	1410	.31				
GRP61273	28	2009	2019	2011	N07	E90	1.000	13274	5.6	10	--F				.23				2 2 2 3
HJAN	28	2009	20210		N09	E90	1.000	13274	4.6	120	-F	1	P	2011	.26				
PALE	28	2009	2017	2011	N05	E90	1.000	13274	4.6	8	-N	3	C		.19				
GRP61274	28	2030	2040	2034	S15	E63	.915	13271	3.6	10	--F				.28				2 2 2 3
HJAN	28	2030	20350		S14	E63	.913	13271	2.6	50	-F	1	P	2031	.15	.34			D
PALE	28	2033E	20400	20340	S16	E62	.910	13271	2.5	70	-F	2	C		.41				DE
275 BOUL	28	2118	2135	2125	N06	E65	.903	13262	2.8	17	--F		C	2125	.21	.50			2
278 TEHR	29	0437	0443	0439	S14	E62	.906	13271	2.8	6	--F	4	C		.19				2
GRP61283	29	0807	0835	0810	S12	E30	.577	13257	1.6	29	-N				.95				6 6 6 8
BUCA	29	0805	0915		S13	E28	.561	13257	31.4	70	-N		C	0810	1.10	1.30			E
MANI	29	0805	08330	0808	S11	E30	.570	13257	31.6	280	-F	2		0808	.72	.87			F
HTPR	29	0806	0830	0810	S12	E30	.577	13257	31.6	24	-N		C	0810	.93	1.10			
HTPR	29	0806	0830	0810	S12	E30	.577	13257	31.6	24	-N		C	0810	.93	1.10			
ATHN	29	0807	0821	0809	S13	E31	.597	13257	31.7	14	-F	4	V		.66				F
TEHR	29	0807	0827	0812	S12	E30	.577	13257	31.6	20	-F	4	C		.19				
ABST	29	0809	0907	0811	S11	E29	.558	13257	31.5	58	1B		C	0811	2.07	2.50		98	EGJK
GRP61285	29	0927	0949	0936	S07	E63	.901	13263	4.1	22	-N				.70				4 4 4 6
ARCE	29	0922E	0942		S05	E65	.913	13263	3.3	200	-N		C	0940	.75				
BUCA	29	0930	1000		S08	E65	.917	13263	3.3	30	-N		C	0935	.66	1.60			
HTPR	29	0930	09490		S10	E60	.884	13263	2.9	190	-N		C	0937	.72	1.50			
HTPR	29	0930	09490		S10	E60	.884	13263	2.9	190	-N		C	0937	.72	1.50			
ATHN	29	0936E	0943	09360	S06	E63	.900	13263	3.1	70	-F	4	V		.66				DE

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GRP61283	29	1016	1047	1030	S05	E59	.867	13263	3.9	31	--F				.58				3 2 2 5
TEHR	29	1016	1027	1021	S06	E65	.914	13263	3.3	11	-F	4	C		.28				
BUCA	29	1025	1050		S05	E60	.875	13263	2.9	25	-N		C	1036	.66	1.30			
ATHN	29	1037E	1043	1038U	S05	E58	.858	13263	2.8	60	-F	4	V		.50				DE
GRP61290	29	1051	1111	1100	S09	E63	.904	13263	4.2	20	-N				.62				3 3 3 4
TEHR	29	1042	1109	1059	S15	E65	.927	13263	3.3	27	-F	4	C		.27				
BJCA	29	1054	1120		S06	E65	.914	13263	3.3	26	1F		C	1100	1.10	2.90			F
ATHN	29	1058	1105	1100	S05	E58	.858	13263	2.8	7	-B	4	V		.50				OE
GRP61291	29	1126	1143	1128	S13	E27	.550	13257	1.5	17	--F				.80				2 2 2 4
BJCA	29	1125	1147		S12	E26	.530	13257	31.4	22	-N		C	1130	1.10	1.30			E
ATHN	29	1126	1138	1128	S13	E28	.561	13257	31.6	12	-F	4	V		.50				F
GRP61292	29	1218	1229	1220	S07	E64	.909	13263	4.3	11	--F				.71				3 3 3 4
TEHR	29	1215	1232	1220	S05	E63	.899	13263	3.2	17	-F	4	C		.37				F
ATHN	29	1218	1224	1220	S09	E65	.918	13263	3.4	6	-F	4	V		.66				F
BJCA	29	1221	1230		S07	E63	.901	13263	3.2	9	1N		C	1222	1.10	2.70			
GRP61294	29	1314	1336	1317	S12	E26	.530	13257	1.5	22	--N				.66				3 3 3 5
TEHR	29	1313	1331	1318	S11	E26	.521	13257	31.5	18	-B	4	C		.37				DE
ATHN	29	1314E	1323	1316U	S13	E27	.550	13257	31.6	90	-F	3	V		.50				F
BUCA	29	1315	1355		S12	E24	.506	13257	31.4	40	-N		C	1320	1.10	1.30			
	29	1545	1530	NO FLARE PATROL															
296 PALE	29	1648	1708	1659	S06	E62	.892	13263	3.3	20	--F	2	C		.27				F 2
297 PALE	29	1833E	1855	1835	S06	E59	.868	13263	3.2	220	--F	3	C		.36				DE 1
298 PALE	29	1846	1950	1904	S12	E23	.494	13257	31.5	64	--F	3	C		.19				DE 3
299 PALE	29	1904	1912	1907	S06	E57	.851	13263	3.1	8	--N	3	C		.09				DE 3
300 PALE	30	0056	0106	0101	S07	E49	.775	13263	2.7	10	--N	3	C		.23				H 2
	30	0108	0111	NO FLARE PATROL															
GRP61301	30	0133	0158	0139	S07	E54	.825	13263	4.1	25	1N				1.55				3 3 3 3
MANI	30	0133E	0205	0138	S07	E54	.825	13263	3.1	320	1F	1		0138	1.55	2.63			F
MITK	30	0133E	0151	0142	S07	E55	.835	13263	3.2	180	1B		C	0142	2.37	4.10			E
PALE	30	0136E	01370	0136U	S08	E54	.827	13263	3.1	10	-N	1	C		.72				F
GRP61302	30	0205	0213	0208	S08	E57	.855	13263	4.4	7	-N				.72				2 2 2 2
MANI	30	0205E	0215	0208	S09	E57	.857	13263	3.4	100	-N	1		0208	.72	1.32			
MITK	30	0207	0211	0208	S07	E57	.853	13263	3.4	4	-N		C	0208	.72	1.30			D
	30	0220	0226	NO FLARE PATROL															
	30	0227	0236	NO FLARE PATROL															
	30	0237	0248	NO FLARE PATROL															
303 TEHR	30	0314	0324	0316	S06	E53	.813	13263	3.1	10	--F	4	C		.17				1
304 TEHR	30	0342	0405	0355	S07	E56	.844	13263	3.4	23	--F	4	C		.19				2
GRP61305	30	0416	0438	0424	S08	E50	.788	13263	3.9	22	--N				.40				2 2 2 3
TEHR	30	0416	0425	0421	S07	E50	.785	13263	2.9	9	-N	4	C		.17				DE H
MANI	30	0419E	0450	0426U	S08	E50	.788	13263	2.9	310	-N	1		0426	.62	.99			F
306 TEHR	30	0548	0556	0550	N11	E45	.702	13262	2.6	8	--F	4	C		.45				F 3
GRP61307	30	0549	0558	0552	S05	E47	.747	13263	3.8	9	-N				.66				3 3 3 3
MANI	30	0528	0559	0552	S05	E47	.747	13263	2.8	31	-N	2		0552	1.03	1.57			
TEHR	30	0548	0558	0552	S05	E47	.747	13263	2.8	10	-F	4	C		.45				
ATHN	30	0549	0556	0551	S05	E46	.736	13263	2.7	7	-N	4	C		.50				DE H
ATHN	30	0558E	0604	0559	S06	E47	.750	13263	2.8	60	-F	3	V		.33				DE
ATHN	30	0604	0620	0609	S05	E46	.736	13263	2.7	16	-F	4	C		.33				DE H
ATHN	30	0608E	0617	0609	S06	E47	.750	13263	2.8	90	-F	3	C		.33				DE

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5 STATIONS REPORTING GROUP 61308.					0 STATIONS OBSERVING AND NOT REPORTING.														
GRP61308	30	0652	0729	0700	S07	E51	.796	13263	4.1	37	-B				1.96				5 5 5 5
TEHR	30	0647	0735	0703	S06	E51	.793	13263	3.1	48	-B	4	C		1.19				H Z
ATHN	30	0652	0750	0702	S06	E52	.803	13263	3.2	58	-N	3	C		1.49				U F
BJCA	30	0654	0745		S07	E50	.785	13263	3.0	51	1N		C	0658	3.32	5.10			F
MITK	30	0654	0657D	0656	S06	E54	.823	13263	3.3	3D	1B		C	0656	2.78	4.50			E
HTPR	30	0654	0715	0657	S07	E50	.785	13263	3.0	21	-B		C	0657	1.03	1.60			E
HTPR	30	0654	0715	0657	S07	E50	.785	13263	3.0	21	-B		C	0657	1.03	1.60			E
ATHN	30	0658	0719	0700	S08	E48	.767	13263	2.9	21	-N	3	C		1.32				U
ATHN	30	0708	0717	0710	S08	E48	.767	13263	2.9	9	-N	3	V		1.32				U
61308	30	0652	0715	0657	S07	E57	.853	13263	4.6	23	*-B				1.03				1 1 1 5
HTPR	30	0652	0715	0657	S07	E57	.853	13263	3.6	23	-B		C	0657	1.03	1.70			E
HTPR	30	0652	0715	0657	S07	E57	.853	13263	3.6	23	-B		C	0657	1.03	1.70			E
GRP61310	30	0822	0840	0825	S05	E45	.725	13263	3.7	18	--F				.32				3 3 3 4
ATHN	30	0821	0850	0826	S06	E46	.739	13263	2.8	29	-F	3	C		.66				F H
TEHR	30	0821	0844	0825	S05	E46	.736	13263	2.8	23	-F	4	C		.19				H
HTPR	30	0823	0826	0825	S05	E43	.701	13263	2.6	3	-F		C	0825	.10	.10			
HTPR	30	0823	0826	0825	S05	E43	.701	13263	2.6	3	-F		C	0825	.10	.10			
GRP61311	30	0904	0927	0910	S06	E54	.823	13263	4.4	23	--F				.38				3 3 3 4
TEHR	30	0904	0912	0910	S05	E52	.801	13263	3.3	8	-F	4	C		.27				
ATHN	30	0904	0934	0910	S06	E55	.832	13263	3.5	30	-F	3	C		.50				DE
ARCE	30	0912E	0935D		S06	E54	.823	13263	3.4	23D	-F		P	0912	.37	.70			B
GRP61312	30	1347	1357	1350	S05	E45	.725	13263	3.9	10	--F				.25				2 2 2 3
TEHR	30	1346	1352D	1350	S05	E49	.769	13263	3.2	6D	-F	4	C		.17				
BOUL	30	1347	1357	1350	S04	E40	.661	13263	2.6	10	-F		C	1350	.32	.42			
	30	1623	1632	NO FLARE PATROL															
	30	1912	1914	NO FLARE PATROL															
313 PALE	30	1949	2001	1954	S06	E40	.668	13263	2.8	12	--F	3	C		.27				2
	30	2036	2042	NO FLARE PATROL															
	30	2136	2152	NO FLARE PATROL															
	30	2154	2204	NO FLARE PATROL															
	30	2215	2220	NO FLARE PATROL															
	30	2223	2239	NO FLARE PATROL															

In the importance column "--" signifies the subflare has been confirmed by the NOAA grouping program but is not included in the I.A.U. Quarterly Bulletin on Solar Activity. These subflares are also not included in the Flare Index below.

DAILY FLARE INDICES

Date	Flare Index	HR OBS	Date	Flare Index	HR OBS	Date	Flare Index	HR OBS
740901	0.00	23.5	740911	27.93	23.4	740921	1.90	23.4
740902	0.00	17.3	740912	40.44	22.2	740922	0.70	22.3
740903	0.00	23.4	740913	479.07	21.5	740923	2.14	21.0
740904	0.00	23.4	740914	7.25	23.8	740924	0.00	22.3
740905	5.93	22.1	740915	0.00	22.6	740925	0.00	23.7
740906	0.00	23.3	740916	9.20	23.1	740926	0.00	23.3
740907	29.28	22.3	740917	20.99	22.2	740927	0.00	22.2
740908	0.65	23.7	740918	143.43	23.8	740928	0.00	23.1
740909	2.15	23.1	740919	173.50	23.0	740929	9.48	23.3
740910	140.82	22.5	740920	13.10	22.3	740930	37.99	22.5

When no Flare Index is given, it is 0 for that day.

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OBSERVATORY	OBSERVED UT DATE SEP	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
044 ATHN	04	1359E	1410	1400	S17	E43	.754	13204	7.8	11D	-F	1		1400	.68	.80			5
045 HURB	05	0718	0727	0718	S10	E70	.950	13209	10.6	9	-F						1.37		7
048 MANI	06	0746E	0757D	0749U	N08	E10	.173	13205	7.1	11D	-N	1		0749	.52	.53			6
055 ATHN	07	0915	0947D	0925	S15	E27	.571	13209	9.4	31D	-F	1		0925	1.37	1.40			3
056 ATHN	07	1041	1053D	1051	S16	E33	.644	13209	9.9	12D	-F	1		1051	.85	.95			4
064 ABST	09	0658	0716	0702	N07	E78	.975	13225	15.1	18	1F		C	0702	1.62				FJ 5
GRP61065	09	0958	1010	1001	N09	E83	.990	13225	15.6	12	1F				.63				2 2 1 8
KHAR	09	0958E	1008D	1001	N07	E83	.991	13225	15.6	13D	1F		V	1000			1.80		OH
UPIC	09	1002E	1010		N11	E82	.987	13225	15.6	8D	1N		P	1002	.63				
076 ABST	10	0707	0757D	0730	N07	W49	.750	13205	6.6	50D	-F		P	0730	.99	1.40		62	FJK 5
077 ABST	10	0715	0722D	0717	N08	E65	.902	13225	15.2	7D	1F		C	0717	1.71	3.80		48	EJ 5
078 ABST	10	0731	0744	0737	N07	E65	.902	13225	15.2	13	-F		C	0737	.90	2.00		58	DJ 6
079 TEHR	10	0845E	0851	0845U	S05	W14	.319	13208	9.3	6D	-F	3	C		.27				F 6
GRP61080	10	1238	1253	1242	N07	E64	.895	13225	15.3	15	-F				.42				2 2 2 7
MEUD	10	1238	1255	1240	N07	E62	.879	13225	15.2	17	-N		C	1240	.52	1.10			CO
HUAN	10	1238	1250	1243	N06	E66	.910	13225	15.5	12	-F	1	C	1243	.31	.68			
GRP61082	10	1351	1407	1358	N11	E62	.877	13225	15.2	16	-F				.93				2 2 1 9
MCMA	10	1346	1415D	1358	N10	E66	.908	13225	15.5	29D	1F		C	1358	.93	2.20			EH
HJAN	10	1355	1359	1357	N11	E58	.842	13225	14.9	4	-F	1	C						
083 MCMA	10	1400	1420	1405	N07	W48	.739	13205	7.0	20	-N		C	1405	1.03	1.70			H 8
084 HUAN	10	1448	1453	1450	N07	E63	.887	13225	15.3	5	-F	1	C	1450	.21	.45			D 4
088 PALE	10	1831E	1836	1832	N06	E65	.903	13225	15.6	5D	-F	2	V		.21				DE 4
089 PALE	10	1838E	1840D	1839	N08	W51	.772	13205	7.0	2D	-F	2	V		.31				DE 4
094 MANI	11	0326E	0334D	0326U	N06	W58	.844	13205	6.8	8D	-F	1		0326	.62	1.08			4
GRP61096	11	0707	0718	0710	N09	W61	.869	13205	6.7	11	1N				1.08				1 1 1 5
ABST	11	0707E	0713	0708	N09	W62	.877	13205	6.6	6D	-N		P	0708	.81	1.60		82	DJ
ABST	11	0708	0718	0710	N09	W61	.869	13205	6.7	10	1N		C	0710	1.08	2.10		60	DJ
097 ABST	11	0730	0739	0733	S14	E53	.836	13224	15.3	9	-F		C	0733	.90	1.60		54	DJ 6
098 ABST	11	0732E	0742	0733	N06	E49	.751	13225	15.0	10D	1F		P	0733	1.53	2.30		52	EJ 6
099 MONT	11	0813	0842	0832	N10	E49	.749	13225	15.0	29	-N		C	0832	.83				EK 6
100 MONT	11	0849	0855	0851	N08	W61	.870	13205	6.8	6	-F		C	0851	.21				6
101 UPIC	11	0915	0945U		N08	W63	.886	13205	6.7	30D	-F		P	0925	.63				9
102 UPIC	11	0920	0940U	0930	S14	W50	.809	13204	7.6	20D	-F		P	0930	.42				9
103 UPIC	11	0945E	0945D		N06	E52	.784	13225	15.3		-F		P	0945	.85				IT 8
GRP61105	11	1059	1113	1103	N09	E51	.771	13225	15.3	14	-F				.95				2 2 2 7
MONT	11	1059	1110	1103	N10	E48	.737	13225	15.1	11	-F		C	1103	.21				
UPIC	11	1106E	1116		N08	E54	.804	13225	15.5	10D	1N		P	1106	1.68				IT
106 MONT	11	1136	1149D	1149	N11	E49	.749	13225	15.2	13D	-N		C	1149	.41				E 6
107 UPIC	11	1150	1205	1155U	N06	E51	.773	13225	15.3	15	-F		P	1155	1.05				IT 6
108 UPIC	11	1215E	1222		N08	E53	.793	13225	15.5	7D	-N		P	1215	.63				IT 6
109 MONT	11	1336	1356	1340	N10	E48	.737	13225	15.2	20	-N		C	1340	1.03				E 5
112 TEHR	12	0412	0425	0418	S08	W35	.617	13208	9.6	13	-F	3	C		.17				F 6
114 MANI	12	0632	0540	0635	S06	W36	.619	13208	9.6	8	-F	2		0635	.31	.39			6
116 ABST	12	0748E	0806	0752	N12	E37	.598	13225	15.1	18D	1F		P	0752	1.71	2.10			F 7
118 UPIC	12	0924U	1010U	0930	N05	E38	.613	13225	15.2	46D	-N		P	0930	1.26				IT 10

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OBSERVATORY	OBSERVED UT DATE SEP	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP61119	12	1029	1040	1030	S04	W43	.699	13208	9.2	11	-F				.67				2 2 2 10
KHAR	12	1027E	1040D	1030	S04	W43	.699	13208	9.2	13D	-N		P	1030	.91	1.40			D
UPIC	12	1031	1040		S04	W43	.699	13208	9.2	9	-F		P	1035	.42				
120 UPIC	12	1040E	1120	1044	N04	E38	.615	13225	15.3	40D	-N		P	1044	1.26				ITKF 11
121 KHAR	12	1230E	1240D		S12	E72	.962	13229	17.9	10D	-F		P	1234	.57				DT 10
124 UPIC	12	1400E	1445		N06	E36	.585	13225	15.3	45D	-N		P	1400	1.68				ITK 7
125 RAMY	12	1522	1542	1526	N13	E31	.516	13225	15.0	20	-F	4	C		.37				DE 5
126 WEND	12	1605	1617		N05	E36	.586	13225	15.4	12	-N								5
GRP61137	13	0908	0950	0908	N09	E22	.372	13225	15.0	42	-B				.63				2 1 1 9
LOCA	13	0908E	0950	0908	N09	E22	.372	13225	15.0	42D	-B		V	0908	.63	.70			
KHAR	13	0920E	0955D	0922	N08	E23	.388	13225	15.1	35D	-N		C	0922	1.39	1.50			DTZ
139 RAMY	13	1132	1148	1138	S10	E21	.456	13224	15.1	16	-F	3	C		.28				DE 6
148 MANI	14	0601	0607	0604	N08	E17	.290	13225	15.5	6	-F	2		0604	.62	.65			H 6
160 TEHR	15	0635E	0649D	0638	N04	W01	.059	13225	15.2	14D	-F	2	C		.28				5
161 ABST	15	0758E	0818D	0807	S11	W05	.324	13224	15.0	20D	-F		P	0807	1.26	1.30			EZ 6
162 ARCE	15	0910E	0920D		N11	W04	.095	13225	15.1	10D	-F		C	0915	.37	.40			4
163 HUAN	15	1234	1238	1235	S12	W07	.349	13224	15.0	4	-F	1	C	1235	.21	.22			D 6
165 HUAN	15	1313	1318	1314	S12	W07	.349	13224	15.0	5	-N	2	C	1314	.31	.33			5
167 HUAN	15	1437	1441	1438	S12	W08	.355	13224	15.0	4	-F	1	C						4
168 HUAN	15	1501	1507	1505	S12	W08	.355	13224	15.0	6	-N	2	C	1505	.46	.50			5
169 HUAN	15	1512	1514	1513	N10	W09	.162	13225	15.0	2	-F	2	C						5
171 RAMY	15	1654	1704	1656	N10	W11	.195	13225	14.9	10	-F	3	C		.37				DE H 4
179 TEHR	16	0343	0348	0345	S09	W16	.386	13224	15.0	5	-N	3	V		.25				F 3
183 ARCE	16	0830E	0830D		N10	W20	.342	13225	14.9		-F		C	0830	.56	.60			8
189 MCMA	16	1405	1500D	1411	S11	W24	.500	13224	14.8	55D	-F		C	1411	1.55	1.70			FL 5
190 PALE	16	1635E	1805D	1636	N07	W20	.339	13225	15.2	90D	-N	3	C		.99				Z F 5
196 TEHR	17	0940	1002	0946	N08	W27	.450	13225	15.4	22	-N	4	C		.37				F 7
GRP61197	17	1050	1125	1057	N07	W32	.526	13225	15.1	35	-F				1.08				2 2 2 8
UPIC	17	1050	1125		N07	W30	.496	13225	15.2	35	-F		P	1106	1.26				IT
ABST	17	1053E	1117D	1057	N06	W33	.542	13225	15.0	24D	-F		P	1057	.90	1.00			DJ
GRP61199	17	1145	1200	1150	N08	W30	.496	13225	15.2	15	-F				.61				2 2 2 7
TEHR	17	1140	1201	1146	N07	W28	.466	13225	15.4	21	-F	4	C		.37				
UPIC	17	1150	1159	1154	N08	W31	.511	13225	15.2	9	-F		P	1154	.85				IT
200 TEHR	17	1225	1236	1232	N08	W24	.404	13225	15.7	11	-F	4	C		.25				5
201 TEHR	17	1243	1249	1247	N09	W29	.481	13225	15.4	6	-F	4	C		.17				6
202 TEHR	17	1326	1340	1331	N12	W29	.485	13225	15.4	14	-F	4	C		.17				7
204 BOUL	17	1613	1545	1622	N12	W32	.528	13225	15.3	33	-F		C	1622	.21	.25			4
210 MANI	17	2312E	2319	2313U	S11	W37	.657	13224	15.2	7D	-F	1		2312	.83	1.09			F 4
212 MANI	18	0107E	0113	0107U	S16	W33	.643	13224	15.6	6D	-N	1		0107	.21	.27			4
216 ATHN	18	0749	0801	0752	S11	W56	.854	13232	14.1	12	-F	1		0752	.52	.64			8
218 HJR3	18	1019	1044	1030	N10	W38	.611	13225	15.6	25	1N						2.97		ID 6
220 MONT	18	1432	1444	1434	N05	W49	.752	13225	14.9	12	-F		C	1434	.21				5
226 ATHN	19	1105	1118	1108	N03	W58	.847	13225	15.1	13	-F	1		1108	.34	.45			3
227 ATHN	19	1144E	1153	1148	N03	W58	.847	13225	15.1	9D	-F	1		1148	.34	.45			4

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OBSERVATORY	DATE	OBSERVED UT START	OBSERVED UT END	OBSERVED UT MAX. PHASE	LOCATION APPROX. LAT.	LOCATION MER. DIST.	LOCATION CENTRAL DISTANCE	LOCATION MCMATH PLAGE REGION	LOCATION CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	OBS. TYPE	MEASUREMENTS TIME UT	MEASUREMENTS MEAS. AREA Sq. Deg.	MEASUREMENTS CORR. AREA Sq. Deg.	MEASUREMENTS MAX. WIDTH Hα	MEASUREMENTS MAX. INT. %	REMARKS	
228 BOUL	19	1810	1837	1815	S11	W63	.908	13224	15.0	27	1F		C	1815	1.07	2.38				3
232 TACH	20	0318E	0334D	0318	N09	W66	.908	13225	15.2	16D	1N		V	0318	2.73			69	E	2
235 KHAR	20	1102E	1115D		N07	W75	.963	13225	14.8	13D	1F		C	1104	1.13				DT	5
241 KHAR	21	0915E	0930D		N07	W87	.998	13225	14.9	15D	1N		C						T	4
242 KHAR	21	1125E	1140D		S10	W87	1.000	13224	15.0	15D	1B		C							6
246 BOUL	21	2325	2345	2334	N12	W90	1.000	13225	15.2	20	1F		C	2334	.64	2.63				2
247 ABST	22	0651E	0734	0656	N14	W90	1.000	13225	15.5	43D	1F		P	0656	.90				ADG	5
248 HJAN	22	1147E	1159		N17	W90	.999	13225	15.7	12D	-F	1	P	1156	.31					4
251 HJAN	22	1355	1414	1357	N17	W90	.999	13225	15.8	19	-F	1	C	1357	.31				D	4
253 UPIC	23	1200E	1206U		N07	W90	1.000	13225	16.8	6D	1N		P	1200	.42				A	4
254 ATHN	23	1239E	1244	1239	S14	W66	.932	13233	18.6	5D	-F	1		1239	.17	.29				3
257 TEHR	25	1109	1120	1111	S11	E85	.998	13257	31.8	11	-F	3	C		.19					5
258 HUAN	26	1839	1847	1843	N11	E90	1.000	13262	2.5	8	-F	1	C							5
259 HUAN	26	1900	1908	1905	N11	E90	1.000	13262	2.5	8	-F	1	C							5
260 MANI	27	0313E	0321	0313U	N05	E89	1.000	13262	2.8	8D	-N	1		0313	.41	1.31				4
GRP61261	27	0954	1009	1004	S02	E90	1.000	13263	4.2	15	-F				.31				1 1 1	6
HTPR	27	0954	1009	1004	S02	E90	1.000	13263	3.2	15	-F		C	1004	.31					
HTPR	27	0954	1009	1004	S02	E90	1.000	13263	3.2	15	-F		C	1004	.31					
GRP61262	27	1058	1104	1059	N13	W31	.517	13250	25.1	6	-F				.33				2 2 2	7
TEHR	27	1055E	1100	1057	N13	W28	.473	13250	25.4	5D	-F	3	V		.25				F	
TEHR	27	1056E	1106D	1056U	N14	W30	.505	13250	25.2	10D	-F	3	C		.19				E	
HTPR	27	1100	1102	1101	N12	W33	.544	13250	25.0	2	-F		C	1101	.41	.50			E	
HTPR	27	1100	1102	1101	N12	W33	.544	13250	25.0	2	-F		C	1101	.41	.50				
263 ABST	27	1220E	1224	1220	S15	W85	.999	13239	21.1	4D	1F		P	1220	.81				BD	6
265 HJAN	27	1413	1420	1416	S05	E90	1.000	13263	3.3	7	-F	1	C	1416	.21				D	7
266 HJAN	27	1435	1459	1443U	S05	E90	1.000	13263	3.4	24	-F	1	C	1443	.21				D	6
267 HJAN	27	1559	1608D		S05	E90	1.000	13263	3.4	9D	-F	1	P	1606	.21				D	3
268 MANI	28	0019	0048	0023	N13	W38	.614	13250	25.2	29	-N	2		0023	1.03	1.33			F	1
269 ABST	28	0841	0900	0843	S06	E74	.966	13263	2.9	19	1F		C	0843	.99			68	DJK	6
271 HUAN	28	1853	1857	1854	N07	E68	.923	13262	2.9	4	-F	1	C	1854	.26				D	4
272 HJAN	28	1943E	2000		N09	E90	1.000	13274	4.6	17D	-F	1	P							3
276 MANI	29	0130	0155	0145	S05	E66	.920	13263	3.0	25	-F	2		0145	.72	1.49			F	4
277 MANI	29	0335	0353	0339	S06	E64	.907	13263	2.9	18	-F	2		0339	.41	.83			F	3
279 TEHR	29	0552	0604	0556	S16	E68	.946	13272	3.3	12	-F	4	C		.17					6
GRP61280	29	0554	0604	0558	S08	E68	.936	13263	4.3	10	-F				.62				2 2 2	6
ATHN	29	0554	0602	0556	S09	E69	.943	13263	3.4	8	-F	3	V		.33				DE	
ABST	29	0559E	0605	0559	S07	E67	.929	13263	3.3	6D	-N		P	0559	.90			92	BDJ	
281 ABST	29	0626	0633	0628	S04	E61	.882	13263	2.8	7	-F		C	0628	.72	1.60		59	DJ	7
282 ABST	29	0634	0643	0638	S07	E66	.922	13263	3.2	9	-F		C	0638	.90			89	DJ	7
283 ABST	29	0709	0722	0711	S08	E66	.924	13263	3.2	13	1F		C	0711	.90			94	DJ	9
284 ABST	29	0756	0818	0801	N05	E90	1.000	13274	5.1	22	1F		C	0801	.63			56	ADG	9
287 TEHR	29	0933	0948	0939	S17	E67	.942	13272	3.4	15	-F	4	C		.19					6
288 TEHR	29	1003	1012	1005	S05	E63	.899	13263	3.1	9	-F	4	C		.28				F	4
293 TEHR	29	1248	1259	1254	N14	W58	.842	13250	25.2	11	-N	4	C		.19				F	5
295 HUAN	29	1350E	1355D		N08	E88	.999	13274	5.2	5D	-F	1	P	1355	.26				D	6
309 ATHN	30	0807	0820	0809	N14	W26	.447	13270	28.4	13	-F	1		0809	.34	.33				4