S U N S P O T G R O U P S
(Ordered by Central Meridian Passage Date)

OCTOBER 2004

NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Mo	Day	Time (UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
10677		HOLL	09	29	1400	N03	E27	10	1.6		B	BXO	10	4	4	3
10677		VORO	09	29	2255	N02	E20	10	1.4			HAX	16	3		3
10677		LEAR	09	30	0011	N03	E21	10	1.6		B	CAO	40	7	4	3
10677		TACH	09	30	0459	N02	E18	10	1.5			BRO	13	3	5	3
10677		SVTO	09	30	0748	N02	E18	10	1.7		B	BXO	30	2	5	3
10677		KAND	09	30	0750	N02	E16	10	1.5			CAO		3	5	3
10677		HOLL	09	30	1550	N02	E12	10	1.5		B	CSO	20	4	6	3
10677		LEAR	10	01	0030	N01	E06	10	1.5		B	BXO	10	4	3	3
10677		LEAR	10	02	0024	N02	W09	10	1.3		A	AXX	10	2	1	2
10675		HOLL	09	25	1430	S08	E80	10	1.6		A	HAX	120	1	2	3
10675		LEAR	09	26	0023	S08	E73	10	1.5		A	HSX	90	1	2	3
10675		VORO	09	26	0237	S08	E72	10	1.5			HAX	134	1		3
10675		KAND	09	26	0540	S09	E69	10	1.4			HS		1	2	3
10675		SVTO	09	26	0945	S08	E68	10	1.5		A	HSX	90	1	4	2
10675		VORO	09	27	0003	S09	E59	10	1.4			HKX	112	1		3
10675		LEAR	09	27	0040	S08	E58	10	1.4		A	HSX	120	1	3	3
10675		TACH	09	27	0605	S07	E56	10	1.4			HSX	140	1	2	4
10675		KAND	09	27	0617	S10	E57	10	1.5			HS		1	2	5
10675		SVTO	09	27	0743	S08	E58	10	1.7		A	HSX	90	1	3	2
10675		HOLL	09	27	1424	S07	E53	10	1.6		A	HSX	100	2	2	3
10675		VORO	09	27	2216	S09	E49	10	1.6			HKX	154	2	4	3
10675		LEAR	09	28	0032	S08	E46	10	1.5		A	HAX	110	1	2	4
10675		TACH	09	28	0613	S08	E43	10	1.5			HSX	143	1	2	3
10675		SVTO	09	28	0621	S08	E46	10	1.7		A	HSX	100	1	3	3
10675		KAND	09	28	0705	S09	E44	10	1.6			HS		1	2	3
10675		HOLL	09	28	1945	S08	E37	10	1.6		A	HAX	70	1	2	3
10675		VORO	09	28	2236	S09	E33	10	1.4			HKX	131	1		3
10675		LEAR	09	29	0023	S08	E33	10	1.5		A	HAX	70	1	2	3
10675		TACH	09	29	0550	S07	E29	10	1.4			HSX	119	1	2	3
10675		SVTO	09	29	0630	S09	E30	10	1.5		A	HSX	120	1	4	3
10675		KAND	09	29	0648	S10	E30	10	1.5			HS		1	2	4
10675		HOLL	09	29	1400	S08	E28	10	1.7		B	CAO	80	3	4	3
10675		VORO	09	29	2255	S08	E20	10	1.4			HKX	92	1		3
10675		LEAR	09	30	0011	S08	E20	10	1.5		A	HSX	110	1	3	3
10675		TACH	09	30	0459	S09	E17	10	1.5			HSX	98	1	2	3
10675		SVTO	09	30	0748	S08	E17	10	1.6		A	HSX	90	1	3	3
10675		KAND	09	30	0750	S09	E16	10	1.5			HS		1	2	3
10675		HOLL	09	30	1550	S09	E12	10	1.6		B	CSO	100	3	3	3
10675		LEAR	10	01	0030	S08	E06	10	1.5		A	HSX	80	1	2	3
10675		SVTO	10	01	0635	S09	E03	10	1.5		A	HSX	100	1	3	3
10675		KAND	10	01	0749	S09	E02	10	1.5			HS		1	2	5
10675		HOLL	10	01	1525	S10	W01	10	1.6		A	HSX	80	3	3	3
10675		VORO	10	01	2257	S09	W06	10	1.5			HKX	84	1		3
10675		LEAR	10	02	0024	S09	W07	10	1.5		A	HSX	80	1	2	2
10675		SVTO	10	02	0725	S09	W11	10	1.5		B	CSO	110	2	4	3
10675		KAND	10	02	0920	S09	W12	10	1.5			HS		1	2	1
10675		HOLL	10	02	1542	S10	W14	10	1.6		A	HSX	70	3	4	2
10675		VORO	10	02	2222	S09	W18	10	1.6			HKX	115	4		3
10675		LEAR	10	03	0136	S09	W20	10	1.6		A	HSX	80	2	3	3
10675		SVTO	10	03	0702	S09	W25	10	1.4		B	CSO	70	2	4	3
10675		KAND	10	03	0835	S10	W26	10	1.4			HS		1	2	2
10675		HOLL	10	03	1805	S10	W30	10	1.5		A	HAX	60	1	2	3
10675		VORO	10	03	2207	S09	W32	10	1.5			HAX	114	1		3
10675		LEAR	10	04	0019	S09	W33	10	1.5		A	HSX	60	2	2	3
10675		KAND	10	04	0700	S08	W38	10	1.4			HS		1	2	3
10675		SVTO	10	04	0740	S09	W38	10	1.5		A	HSX	80	1	3	3
10675		HOLL	10	04	1545	S11	W41	10	1.6		B	CAO	70	5	3	3
10675		VORO	10	04	2249	S09	W45	10	1.6			HAX	95	4		3
10675		LEAR	10	05	0155	S12	W47	10	1.5		B	CSO	80	4	3	3
10675		KAND	10	05	0645	S09	W51	10	1.4			CSO		2	2	3
10675		SVTO	10	05	0645	S10	W49	10	1.6		A	HSX	60	1	2	3
10675		HOLL	10	05	1606	S11	W56	10	1.4		A	HSX	70	1	2	2
10675		VORO	10	05	2257	S09	W59	10	1.5			HAX	75	1		3
10675		LEAR	10	06	0100	S10	W60	10	1.5		A	HXX	40	1	2	3
10675		KAND	10	06	0715	S10	W66	10	1.3			HS		1	2	3
10675		SVTO	10	06	0905	S09	W66	10	1.4		A	HSX	50	1	2	3
10675		HOLL	10	06	1525	S11	W68	10	1.5		A	HSX	90	1	2	3
10675		VORO	10	06	2247	S09	W72	10	1.5			HAX	73	1		3

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10675		LEAR	10	07	0040	S09	W74	10	1.5		A	HSX	60	1	2	3
10675		SVTO	10	07	0758	S09	W76	10	1.6		A	HSX	60	1	4	3
10675		HOLL	10	07	1435	S11	W80	10	1.6		A	HAX	90	1	2	3
10678		VORO	09	28	2236	N13	E39	10	1.9			BXX	4	2	1	3
10678		LEAR	09	29	0023	N14	E38	10	1.9		B	BXO	10	2	2	3
10678		TACH	09	29	0550	N15	E36	10	2.0			AR	9	2	2	3
10678		SVTO	09	29	0630	N13	E37	10	2.1		B	BXO	10	2	3	3
10678		HOLL	09	29	1400	N15	E32	10	2.0		A	AXX	10	2	2	3
10678		LEAR	09	30	0011	N14	E25	10	1.9		B	BXO	10	2	3	3
10678		LEAR	10	03	0136	N13	W16	10	1.8		B	BXO	10	2	3	3
10678		KAND	10	03	0835	N12	W21	10	1.8			DSO		2	4	4
10678		HOLL	10	03	1805	N12	W27	10	1.7		B	DSO	30	2	4	3
10678		VORO	10	03	2207	N13	W27	10	1.9			DRO	18	2	4	3
10678		LEAR	10	04	0019	N13	W29	10	1.8		B	BXO	10	2	4	3
10678		KAND	10	04	0700	N15	W33	10	1.8			BXO		3	5	3
10678		HOLL	10	04	1545	N12	W38	10	1.8		B	DSO	20	2	4	3
10678		VORO	10	04	2249	N14	W44	10	1.6			AXX	7	1		3
10678		LEAR	10	05	0155	N13	W46	10	1.6		A	AXX	10	1	1	3
10678		HOLL	10	06	1525	N12	W58	10	2.3		B	CSO	40	4	4	3
10678		LEAR	10	07	0040	N13	W65	10	2.1		B	BXO	20	2	3	3
10678		HOLL	10	07	1435	N12	W75	10	1.9		B	DAI	60	6	5	3
10678		HOLL	10	08	1505	N15	W89	10	1.9		B	DAO	90	4	4	3
10680		VORO	10	06	2247	N13	W59	10	2.5			ARX	14	2		3
10680		LEAR	10	08	0009	N14	W70	10	2.7		B	DAO	70	6	5	4
10680		VORO	10	08	0009	N15	W69	10	2.8			DRI	114	6	2	3
10680		SVTO	10	08	0645	N15	W74	10	2.7		B	DSO	80	3	4	3
10680		VORO	10	08	2253	N16	W81	10	2.8			DRO	118	2	4	3
10680		LEAR	10	09	0208	N15	W81	10	2.9		B	CSO	90	3	5	3
10675C		HOLL	09	29	1400	N17	E50	10	3.4		A	AXX	10	1	1	3
10675C		LEAR	09	30	0011	N17	E43	10	3.3		A	AXX	10	1	1	3
10675C		TACH	09	30	0459	N16	E40	10	3.2			AXX	3	1	1	3
10675C		HOLL	09	30	1550	N16	E36	10	3.4		A	AXX		1	1	3
10676		HOLL	09	28	1945	S11	E78	10	4.7		A	HAX	60	1	2	3
10676		VORO	09	28	2236	S12	E76	10	4.7			HAX	64	1		3
10676		LEAR	09	29	0023	S11	E75	10	4.6		A	HAX	60	1	2	3
10676		TACH	09	29	0550	S10	E73	10	4.7			HSX	57	1	2	3
10676		SVTO	09	29	0630	S12	E74	10	4.8		A	HSX	60	1	2	3
10676		KAND	09	29	0648	S14	E77	10	5.1			HA		1	2	4
10676		HOLL	09	29	1400	S10	E70	10	4.8		A	HAX	60	1	2	3
10676		VORO	09	29	2255	S12	E64	10	4.8			HAX	54	1		3
10676		LEAR	09	30	0011	S11	E63	10	4.7		A	HAX	50	1	2	3
10676		TACH	09	30	0459	S13	E61	10	4.8			HSX	50	1	1	3
10676		SVTO	09	30	0748	S13	E61	10	4.9		A	HSX	60	1	2	3
10676		KAND	09	30	0750	S13	E60	10	4.8			HA		1	1	3
10676		HOLL	09	30	1550	S12	E56	10	4.9		A	HAX	70	1	1	3
10676		LEAR	10	01	0030	S12	E50	10	4.8		A	HSX	50	1	2	3
10676		SVTO	10	01	0635	S13	E47	10	4.8		A	HSX	60	1	2	3
10676		KAND	10	01	0749	S13	E46	10	4.8			HS		1	2	5
10676		HOLL	10	01	1525	S11	E41	10	4.7		A	HSX	50	1	2	3
10676		VORO	10	01	2257	S12	E37	10	4.7			HAX	41	1		3
10676		LEAR	10	02	0024	S12	E37	10	4.8		A	HSX	40	1	2	2
10676		SVTO	10	02	0725	S13	E33	10	4.8		A	HSX	50	1	2	3
10676		KAND	10	02	0920	S12	E32	10	4.8			HS		1	1	1
10676		HOLL	10	02	1542	S10	E29	10	4.8		A	HSX	40	2	2	2
10676		VORO	10	02	2222	S12	E24	10	4.7			HAX	28	1		3
10676		LEAR	10	03	0136	S12	E23	10	4.8		A	HSX	40	3	2	3
10676		SVTO	10	03	0702	S12	E20	10	4.8		B	CSO	30	2	3	3
10676		KAND	10	03	0835	S12	E19	10	4.8			DSO		5	3	2
10676		HOLL	10	03	1805	S11	E13	10	4.7		B	DAI	50	8	4	3
10676		VORO	10	03	2207	S11	E11	10	4.7			DRI	54	3	3	3
10676		LEAR	10	04	0019	S11	E10	10	4.8		B	BXO	30	9	3	3
10676		KAND	10	04	0700	S11	E07	10	4.8			DRO		3	4	3
10676		SVTO	10	04	0740	S11	E07	10	4.8		B	DSO	60	4	6	3
10676		HOLL	10	04	1545	S11	E02	10	4.8		B	DAI	60	9	4	3
10676		VORO	10	04	2249	S11	W02	10	4.8			BXI	27	9	3	3

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10676		LEAR	10	05	0155	S12	W04	10	4.8		B	CSO	50	10	5	3
10676		KAND	10	05	0645	S11	W07	10	4.7			BXO		4	4	3
10676		SVTO	10	05	0645	S11	W07	10	4.7		B	CRO	30	6	5	3
10676		HOLL	10	05	1606	S12	W11	10	4.8		B	DSO	30	7	4	2
10676		VORO	10	05	2257	S10	W15	10	4.8			BXI	15	4	0	3
10676		LEAR	10	06	0100	S12	W16	10	4.8		B	DSO	30	4	2	3
10676		KAND	10	06	0715	S12	W19	10	4.9			BXO		2	1	3
10676		SVTO	10	06	0905	S16	W20	10	4.9		B	CSO	20	2	4	3
10676		HOLL	10	06	1525	S12	W23	10	4.9		B	CSO	30	6	4	3
10676		VORO	10	06	2247	S12	W27	10	4.9			ARX	13	3		3
10676		LEAR	10	07	0040	S12	W29	10	4.8		A	AXX	10	1	1	3
10676		SVTO	10	07	0758	S14	W33	10	4.8		A	HSX	10	1	1	3
10676		HOLL	10	07	1435	S14	W35	10	5.0		A	HSX	20	1	1	3
10676		LEAR	10	08	0009	S13	W42	10	4.8		B	BXO	20	3	3	4
10676		VORO	10	08	0009	S14	W41	10	4.9			AXX	13	4		3
10676		HOLL	10	08	1505	S13	W49	10	4.9		A	AXX	10	1	1	3
10676		VORO	10	08	2253	S11	W52	10	5.0			AXX	16	7		3
10676		LEAR	10	09	0208	S13	W55	10	4.9		A	AXX	20	1	1	3
10676A		HOLL	10	08	1505	S16	E03	10	8.8		A	AXX	10	1	1	3
10681		HOLL	10	11	2045	N11	E06	10	12.3		B	BXO	10	7	2	3
10681		LEAR	10	12	0110	N12	E04	10	12.4		B	BXO	10	4	2	3
10681		SVTO	10	12	1040	N12	W03	10	12.2		A	AXX	10	3	2	3
10681		HOLL	10	12	1548	N11	W05	10	12.3		B	CSO	10	4	3	3
10681		VORO	10	12	2240	N12	W08	10	12.3			HAX	32	4	1	2
10681		LEAR	10	13	0035	N12	W10	10	12.3		B	BXO	20	10	3	3
10681		KAND	10	13	0905	N11	W14	10	12.3			CAO		2	4	3
10681		HOLL	10	13	1424	N11	W16	10	12.4		B	CSO	20	9	4	4
10681		VORO	10	13	2345	N11	W23	10	12.2			AXX	10	1		3
10681		LEAR	10	14	0005	N12	W23	10	12.3		B	BXO	30	4	3	2
10681		SVTO	10	14	0707	N10	W27	10	12.3		A	HSX	20	3	2	3
10681		HOLL	10	14	1420	N10	W32	10	12.2		A	AXX	10	2	2	3
10681		HOLL	10	16	1700	N10	W59	10	12.3		A	AXX	10	2	1	4
10681A		HOLL	10	15	1430	S05	W13	10	14.6		A	AXX		1	1	4
10688		HOLL	10	19	1500	S07	W28	10	17.5		B	BXO	10	4	3	3
10688		VORO	10	19	2202	S06	W34	10	17.4			BXO	26	6	5	3
10688		LEAR	10	20	0143	S08	W38	10	17.2		A	AXX	10	1	1	3
10688		KAND	10	20	0705	S07	W40	10	17.3			BXO		4	5	3
10688		SVTO	10	20	1435	S08	W44	10	17.3		B	DSO	40	6	6	3
10688		HOLL	10	20	1900	S07	W45	10	17.4		B	DAO	60	6	3	4
10688		LEAR	10	21	0005	S08	W50	10	17.2		B	DSO	30	5	8	2
10688		VORO	10	21	0109	S07	W50	10	17.3			DRO	25	3	5	3
10688		SVTO	10	21	0715	S09	W55	10	17.2		B	DSO	50	2	6	3
10688		KAND	10	21	0738	S09	W55	10	17.2			CAO		2	6	4
10688		HOLL	10	21	1559	S08	W56	10	17.5		B	BXO	20	2	6	2
10688		LEAR	10	22	0015	S07	W61	10	17.4		A	HSX	20	1	1	2
10688		SVTO	10	22	0910	S08	W67	10	17.3		A	AXX		1		3
10688		HOLL	10	22	1803	S08	W67	10	17.7		A	HAX	170	1	1	2
10688		LEAR	10	23	0004	S06	W73	10	17.5		A	HSX	30	1	2	2
10688		KAND	10	23	0811	S06	W80	10	17.3			AX		1		4
10688		SVTO	10	23	0933	S08	W83	10	17.2		A	HSX	30	1	2	3
10688		HOLL	10	23	1448	S09	W81	10	17.5		A	AXX		1	1	4
10688A		KAND	10	18	0810	N09	W06	10	17.9			AX		2	1	3
10688B		KAND	10	18	0810	N18	E01	10	18.4			AX		1		3
10682		HOLL	10	12	1548	S12	E78	10	18.5		A	HAX	120	1	1	3
10682		VORO	10	12	2240	S12	E75	10	18.6			HAX	137	1		2
10682		LEAR	10	13	0035	S13	E78	10	18.9		A	HAX	150	1	3	3
10682		KAND	10	13	0905	S14	E73	10	18.9			DAO		4	5	3
10682		HOLL	10	13	1424	S13	E68	10	18.7		B	CAO	190	12	5	4
10682		VORO	10	13	2345	S14	E62	10	18.7			CAI	155	3	2	3
10682		LEAR	10	14	0005	S13	E64	10	18.8		B	CSI	240	10	5	2
10682		SVTO	10	14	0707	S12	E59	10	18.7		B	DSO	240	8	6	3
10682		KAND	10	14	0755	S14	E60	10	18.9			DAO		12	4	3

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Time Mo	Day	(UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
10682		HOLL	10	14	1420	S13	E55	10	18.7		B	DAI	250	22	5	3
10682		VORO	10	15	0029	S14	E48	10	18.6			CAI	263	6	2	3
10682		LEAR	10	15	0040	S15	E49	10	18.7		B	DAI	290	18	5	3
10682		SVTO	10	15	0625	S12	E47	10	18.8		B	DAO	250	7	4	3
10682		HOLL	10	15	1430	S15	E42	10	18.8		B	DAI	200	20	4	4
10682		VORO	10	15	2354	S14	E35	10	18.6			CAI	243	8	2	3
10682		LEAR	10	16	0146	S15	E35	10	18.7		B	DAI	290	18	6	3
10682		KAND	10	16	0515	S14	E39	10	19.2			DAO		19	7	4
10682		SVTO	10	16	0943	S12	E31	10	18.7		B	CSI	170	13	8	3
10682		HOLL	10	16	1700	S15	E28	10	18.8		B	DAI	170	29	6	4
10682		VORO	10	17	0056	S13	E21	10	18.6			CAI	272	14	4	3
10682		LEAR	10	17	0100	S14	E22	10	18.7		B	DAO	180	15	6	3
10682		SVTO	10	17	0640	S13	E19	10	18.7		B	DSO	120	13	8	3
10682		KAND	10	17	0847	S14	E18	10	18.7			DAO		17	6	5
10682		HOLL	10	17	2057	S13	E10	10	18.6		B	DSI	140	15	9	2
10682		LEAR	10	18	0037	S13	E10	10	18.8		B	CAO	130	19	10	2
10682		KAND	10	18	0810	S13	E05	10	18.7			DAO		16	9	3
10682		SVTO	10	18	0835	S13	E03	10	18.6		B	DAO	120	11	8	3
10682		HOLL	10	18	1535	S12	E01	10	18.7		BG	DAI	150	15	8	3
10682		VORO	10	19	0025	S12	W07	10	18.5			CAI	202	16	8	3
10682		LEAR	10	19	0153	S13	W08	10	18.5		BG	CAO	150	12	10	1
10682		KAND	10	19	0720	S13	W08	10	18.7			CAO		13	10	3
10682		SVTO	10	19	0819	S13	W12	10	18.4		B	ESO	120	7	11	3
10682		HOLL	10	19	1500	S14	W13	10	18.6		BG	EAI	110	9	11	3
10682		VORO	10	19	2202	S12	W19	10	18.5			DAO	211	9	10	3
10682		LEAR	10	20	0143	S13	W22	10	18.4		BG	ESI	120	10	12	3
10682		KAND	10	20	0705	S13	W23	10	18.5			EAO		16	12	3
10682		SVTO	10	20	1435	S14	W27	10	18.6		B	EAI	170	14	11	3
10682		HOLL	10	20	1900	S13	W30	10	18.5		BG	EAI	160	23	13	4
10682		LEAR	10	21	0005	S13	W35	10	18.4		BG	ESO	140	19	12	2
10682		VORO	10	21	0109	S13	W35	10	18.4			DAO	166	12	10	3
10682		SVTO	10	21	0715	S15	W38	10	18.4		BG	EAI	170	10	12	3
10682		KAND	10	21	0738	S14	W39	10	18.4			EAC		9	14	4
10682		HOLL	10	21	1559	S14	W42	10	18.5		BG	EAC	100	12	15	2
10682		VORO	10	21	2233	S15	W40	10	18.9			CRO	158	14		3
10682		LEAR	10	22	0015	S12	W48	10	18.4		BG	ESO	300	14	1	2
10682		SVTO	10	22	0910	S14	W54	10	18.3		BG	ERI	100	15	13	3
10682		HOLL	10	22	1803	S13	W54	10	18.7		BG	CAI	150	8	12	2
10682		VORO	10	22	2314	S13	W60	10	18.4			CRO	67	14	12	3
10682		LEAR	10	23	0004	S12	W60	10	18.5		B	ESO	60	7	12	2
10682		KAND	10	23	0811	S15	W67	10	18.3			BXO		3	17	4
10682		SVTO	10	23	0933	S14	W65	10	18.5		B	BXO	40	6	6	3
10682		HOLL	10	23	1448	S13	W68	10	18.5		BG	DSO	110	8	9	4
10682		VORO	10	23	2346	S12	W70	10	18.7			HAX	29	1		3
10682		LEAR	10	24	0005	S12	W73	10	18.5		B	CAO	30	4	5	3
10683		HOLL	10	16	1700	S11	E38	10	19.6		A	AXX	10	1	1	4
10683		VORO	10	17	0056	S09	E32	10	19.4			AXX	17	1		3
10683		LEAR	10	17	0100	S10	E32	10	19.4		A	HAX	20	1	1	3
10683		SVTO	10	17	0640	S08	E32	10	19.7		B	CSO	40	6	5	3
10683		KAND	10	17	0847	S09	E30	10	19.6			BXO		12	6	5
10683		HOLL	10	17	2057	S09	E22	10	19.5		B	DAI	80	12	6	2
10683		LEAR	10	18	0037	S10	E21	10	19.6		B	DAO	50	10	6	2
10683		KAND	10	18	0810	S09	E16	10	19.5			CAO		13	7	3
10683		SVTO	10	18	0835	S10	E17	10	19.6		B	CSO	50	9	6	3
10683		HOLL	10	18	1535	S10	E11	10	19.5		B	DAI	60	10	6	3
10683		VORO	10	19	0025	S10	E07	10	19.5			BXO	34	5	5	3
10683		LEAR	10	19	0153	S10	E06	10	19.5		B	CSO	30	5	7	1
10683		KAND	10	19	0720	S10	E05	10	19.7			BXO		4	6	3
10683		SVTO	10	19	0819	S11	E03	10	19.6		B	BXO	10	3	5	3
10683		HOLL	10	19	1500	S11	E00	10	19.6		B	BXO	110	6	8	3
10683		VORO	10	19	2202	S09	W01	10	19.8			AXX	4	1		3
10683		LEAR	10	20	0143	S11	W03	10	19.8		B	CSO	30	2	2	3
10683		HOLL	10	20	1900	S11	W16	10	19.6		B	CSO	20	10	4	4
10683		LEAR	10	21	0005	S10	W17	10	19.7		B	DSO	40	13	8	2
10683		VORO	10	21	0109	S11	W19	10	19.6			BXO	17	5	3	3
10683		SVTO	10	21	0715	S13	W22	10	19.6		B	DSO	40	4	5	3
10683		KAND	10	21	0738	S12	W23	10	19.6			BXO		3	4	4
10683		HOLL	10	21	1559	S12	W25	10	19.8		B	BXO	40	5	4	2

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Mo	Day	Time (UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
10683		SVTO	10	22	0910	S16	W34	10	19.8		B	CRO	20	4	2	3
10685		LEAR	10	18	0037	S05	E38	10	20.9		A	AXX	10	1	1	2
10685		KAND	10	18	0810	S06	E35	10	20.9			BXO		3	3	3
10685		HOLL	10	18	1535	S05	E30	10	20.9		B	CAO	20	9	3	3
10685		VORO	10	19	0025	S06	E25	10	20.9			CAO	40	7	4	3
10685		LEAR	10	19	0153	S07	E24	10	20.9		B	CSO	40	5	6	1
10685		KAND	10	19	0720	S06	E22	10	20.9			BXO		7	5	3
10685		SVTO	10	19	0819	S05	E18	10	20.7		A	HSX	20	1	1	3
10685		HOLL	10	19	1500	S06	E17	10	20.9		B	CAO	40	8	6	3
10685		VORO	10	19	2202	S04	E12	10	20.8			DAO	32	6	5	3
10685		LEAR	10	20	0143	S06	E08	10	20.7		B	CSO	20	3	1	3
10685		KAND	10	20	0705	S05	E06	10	20.7			BXO		8	7	3
10685		SVTO	10	20	1435	S07	E04	10	20.9		B	DSO	30	8	6	3
10685		HOLL	10	20	1900	S06	E00	10	20.8		B	DAO	40	17	6	4
10685		LEAR	10	21	0005	S06	W03	10	20.8		B	DSO	50	12	8	2
10685		VORO	10	21	0109	S06	W04	10	20.7			DAO	47	8	5	3
10685		SVTO	10	21	0715	S07	W07	10	20.8		B	DSO	40	9	7	3
10685		KAND	10	21	0738	S06	W08	10	20.7			BXO		7	6	4
10685		HOLL	10	21	1559	S06	W11	10	20.8		B	BXO	50	9	8	2
10685		VORO	10	21	2233	S06	W16	10	20.7			DAO	21	3	6	3
10685		LEAR	10	22	0015	S06	W17	10	20.7		B	DSO	40	9	8	2
10685		HOLL	10	22	1803	S05	W29	10	20.6		A	AXX	20	3	1	2
10685		VORO	10	22	2314	S04	W32	10	20.6			HAX	17	2		3
10685		LEAR	10	23	0004	S04	W33	10	20.5		A	HSX	10	1	1	2
10685		SVTO	10	23	0933	S06	W38	10	20.5		A	AXX	10	2	1	3
10685		HOLL	10	23	1448	S08	W39	10	20.7		B	BXO	10	6	5	4
10685		VORO	10	23	2346	S05	W42	10	20.8			BRI	55	5	2	3
10685		LEAR	10	24	0005	S07	W43	10	20.8		B	DAO	30	4	4	3
10685		HOLL	10	24	1435	S07	W51	10	20.8		A	AXX	10	3	3	3
10686		HOLL	10	16	1700	S19	E75	10	22.4		A	AXX	20	1	1	4
10686		VORO	10	16	2354	S19	E68	10	22.2			AXX	7	1		3
10686		LEAR	10	17	0100	S20	E67	10	22.2		A	AXX	20	1	1	3
10686		KAND	10	17	0847	S19	E65	10	22.3			AX		1		5
10686		HOLL	10	17	2057	S20	E57	10	22.2		A	HSX	20	1	1	2
10686		LEAR	10	18	0037	S20	E55	10	22.2		A	AXX	10	1	1	2
10686		KAND	10	18	0810	S20	E52	10	22.3			AX		1	1	3
10686		SVTO	10	18	0835	S20	E51	10	22.2		A	AXX		1		3
10686		HOLL	10	18	1535	S19	E48	10	22.3		A	AXX	20	1	1	3
10686		VORO	10	19	0025	S20	E42	10	22.2			AXX	5	1		3
10686		LEAR	10	19	0153	S20	E41	10	22.2		A	HSX	10	1	1	1
10686		HOLL	10	19	1500	S20	E35	10	22.3		A	AXX	10	1	1	3
10686		VORO	10	19	2202	S19	E29	10	22.1			AXX	6	1		3
10686		LEAR	10	20	0143	S21	E28	10	22.2		A	HSX	20	1	2	3
10684		HOLL	10	16	1700	S04	E85	10	23.1		A	HAX	60	1	2	4
10684		VORO	10	17	0056	S03	E77	10	22.8			HRX	47	1		3
10684		LEAR	10	17	0100	S05	E78	10	22.9		A	AXX	20	1	1	3
10684		SVTO	10	17	0640	S02	E73	10	22.7		A	HSX	30	1	1	3
10684		KAND	10	17	0847	S04	E76	10	23.0			HS		1	1	5
10684		HOLL	10	17	2057	S06	E67	10	22.9		A	HSX	50	1	1	2
10684		LEAR	10	18	0037	S05	E65	10	22.9		A	HAX	50	1	2	2
10684		KAND	10	18	0810	S04	E61	10	22.9			HS		1	1	3
10684		SVTO	10	18	0835	S05	E60	10	22.8		A	HRX	10	1	1	3
10684		HOLL	10	18	1535	S04	E57	10	22.9		A	HAX	10	1	1	3
10684		VORO	10	19	0025	S04	E50	10	22.7			HAX	20	1		3
10684		LEAR	10	19	0153	S05	E50	10	22.8		B	CSO	40	2	7	1
10684		KAND	10	19	0720	S02	E55	10	23.4			AX		1		3
10684		KAND	10	19	0720	S04	E48	10	22.9			AX		1		3
10684		SVTO	10	19	0819	S03	E50	10	23.1		B	CSO	30	2	6	3
10684		HOLL	10	19	1500	S05	E45	10	23.0		B	CAO	40	2	6	3
10684		VORO	10	19	2202	S04	E38	10	22.7			HAX	18	1		3
10684		LEAR	10	20	0143	S05	E37	10	22.8		A	HSX	20	1	2	3
10684		KAND	10	20	0705	S05	E34	10	22.8			HA		2	1	3
10684		SVTO	10	20	1435	S05	E31	10	22.9		A	HSX	20	1	1	3
10684		HOLL	10	20	1900	S05	E27	10	22.8		A	HAX	30	3	2	4
10684		LEAR	10	21	0005	S05	E24	10	22.8		A	HSX	10	1	1	2
10684		VORO	10	21	0109	S05	E23	10	22.8			HAX	10	1		3

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10684		SVTO	10	21	0715	S07	E21	10	22.9		A	HSX	20	1	1	3
10684		KAND	10	21	0738	S06	E20	10	22.8			AX		2	1	4
10684		HOLL	10	21	1559	S05	E18	10	23.0		B	BXO	10	2	6	2
10684		VORO	10	21	2233	S05	E13	10	22.9			DAO	26	4	4	3
10684		LEAR	10	22	0015	S05	E13	10	23.0		B	DSO	40	10	7	2
10684		SVTO	10	22	0910	S04	E08	10	23.0		B	DSO	50	22	6	3
10684		HOLL	10	22	1803	S04	E05	10	23.1		B	DAI	240	14	7	2
10684		VORO	10	22	2314	S03	E01	10	23.0			DKI	262	11	4	3
10684		LEAR	10	23	0004	S05	E01	10	23.1		BG	DKO	110	13	6	2
10684		KAND	10	23	0811	S05	W06	10	22.9			DAI		11	6	4
10684		SVTO	10	23	0933	S03	W05	10	23.0		B	DAI	180	16	8	3
10684		HOLL	10	23	1448	S03	W08	10	23.0		B	DAI	210	19	6	4
10684		VORO	10	23	2346	S02	W13	10	23.0			DKI	219	16	5	3
10684		LEAR	10	24	0005	S04	W14	10	22.9		B	DAI	140	22	6	3
10684		KAND	10	24	0915	S05	W19	10	23.0			DAO		9	7	3
10684		HOLL	10	24	1435	S05	W22	10	23.0		B	DAI	150	25	8	3
10684		VORO	10	25	0027	S03	W26	10	23.1			DAI	172	16	5	3
10684		LEAR	10	25	0058	S04	W26	10	23.1		B	DAO	100	12	7	3
10684		KAND	10	25	0751	S05	W33	10	22.8			CAO		5	5	3
10684		SVTO	10	25	0905	S04	W33	10	22.9		B	DSO	110	6	6	2
10684		LEAR	10	26	0042	S04	W40	10	23.0		B	CAO	80	7	6	2
10684		VORO	10	26	0131	S04	W43	10	22.8			HAX	127	3		2
10684		KAND	10	26	0755	S05	W46	10	22.9			HS		1	2	3
10684		SVTO	10	26	0915	S05	W48	10	22.8		A	HSX	90	1	2	2
10684		HOLL	10	26	1735	S06	W52	10	22.8		A	HAX	100	1	2	2
10684		VORO	10	26	2246	S04	W54	10	22.9			HAX	127	1		3
10684		LEAR	10	27	0014	S03	W56	10	22.8		A	HSX	100	4	2	3
10684		KAND	10	27	0800	S05	W60	10	22.8			HS		1	2	2
10684		SVTO	10	27	1020	S05	W62	10	22.8		A	HSX	80	2	4	3
10684		VORO	10	27	2253	S04	W67	10	22.9			HAX	103	3		3
10684		LEAR	10	28	0110	S03	W69	10	22.9		A	HSX	110	1	3	3
10684		KAND	10	28	0702	S06	W74	10	22.7			HS		1	3	4
10684		SVTO	10	28	0726	S05	W75	10	22.7		A	HSX	120	1	3	3
10684		HOLL	10	28	1430	S05	W78	10	22.8		A	HAX	120	1	2	3
10684		VORO	10	28	2308	S04	W80	10	23.0			HAX	66	1		3
10684		LEAR	10	29	0142	S04	W82	10	22.9		A	HAX	60	1	1	2
10684A		LEAR	10	27	0014	S08	W14	10	26.0		B	BXO	20	3	3	3
10687		HOLL	10	19	1500	N10	E83	10	25.9		B	DAO	120	2	4	3
10687		VORO	10	19	2202	N10	E75	10	25.5			HAX	176	1		3
10687		LEAR	10	20	0143	N08	E75	10	25.7		B	DAO	140	3	4	3
10687		KAND	10	20	0705	N09	E76	10	26.0			CAO		5	7	3
10687		SVTO	10	20	1435	N09	E69	10	25.8		B	DAO	180	6	5	3
10687		HOLL	10	20	1900	N10	E68	10	25.9		BG	DAO	170	7	7	4
10687		LEAR	10	21	0005	N09	E63	10	25.7		BG	DAO	200	5	7	2
10687		VORO	10	21	0109	N09	E62	10	25.7			HKX	297	2		3
10687		SVTO	10	21	0715	N09	E60	10	25.8		B	CAO	160	6	5	3
10687		KAND	10	21	0738	N10	E59	10	25.7			CKO		5	5	4
10687		HOLL	10	21	1559	N07	E54	10	25.7		B	CKO	290	9	8	2
10687		VORO	10	21	2233	N09	E49	10	25.6			HKX	256	3		3
10687		LEAR	10	22	0015	N10	E52	10	25.9		BG	ESO	170	15	11	2
10687		SVTO	10	22	0910	N11	E49	10	26.1		BG	EAO	190	17	11	3
10687		HOLL	10	22	1803	N11	E44	10	26.1		BG	EKI	300	14	13	2
10687		VORO	10	22	2314	N11	E41	10	26.0			DKI	342	13	9	3
10687		LEAR	10	23	0004	N10	E40	10	26.0		BG	ESO	170	18	12	2
10687		KAND	10	23	0811	N09	E32	10	25.7			CAO		7	3	4
10687		KAND	10	23	0811	N12	E38	10	26.2			DAO		14	8	4
10687		SVTO	10	23	0933	N11	E36	10	26.1		B	EAI	220	22	13	3
10687		HOLL	10	23	1448	N12	E33	10	26.1		BG	EAC	360	36	12	4
10687		VORO	10	23	2346	N12	E28	10	26.1			EKI	414	21	10	3
10687		LEAR	10	24	0005	N12	E28	10	26.1		BG	EAC	230	30	12	3
10687		KAND	10	24	0915	N08	E17	10	25.7			HA		2	3	3
10687		KAND	10	24	0915	N11	E24	10	26.2			DKI		21	9	3
10687		HOLL	10	24	1435	N12	E20	10	26.1		BD	EKI	330	58	11	3
10687		VORO	10	25	0027	N11	E15	10	26.1			EAI	618	35	10	3
10687		LEAR	10	25	0058	N12	E15	10	26.2		BG	EAI	350	57	13	3
10687		KAND	10	25	0751	N09	E05	10	25.7			HA		5	2	3
10687		KAND	10	25	0751	N11	E10	10	26.1			CAO		20	8	3

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Time Mo	Day	(UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
10687		SVTO	10	25	0905	N11	E11	10	26.2		B	EAI	400	34	12	2
10687		LEAR	10	26	0042	N12	E02	10	26.2		BG	EAI	300	48	12	2
10687		VORO	10	26	0131	N10	E01	10	26.1			EKI	290	22	10	2
10687		KAND	10	26	0755	N09	W08	10	25.7			DAO		6	2	3
10687		KAND	10	26	0755	N12	W01	10	26.2			EAI		29	11	3
10687		SVTO	10	26	0915	N12	W04	10	26.1		B	ESI	350	43	13	2
10687		HOLL	10	26	1735	N13	W07	10	26.2		BG	EKC	370	45	12	2
10687		VORO	10	26	2246	N11	W10	10	26.2			EAI	469	40	10	3
10687		LEAR	10	27	0014	N12	W11	10	26.2		BG	EAI	400	73	13	3
10687		KAND	10	27	0800	N09	W21	10	25.7			AX		2	1	1
10687		KAND	10	27	0800	N11	W15	10	26.2			DKI		25	9	1
10687		SVTO	10	27	1020	N12	W17	10	26.1		B	EHI	320	27	13	3
10687		VORO	10	27	2253	N11	W24	10	26.1			EAI	377	42	10	3
10687		LEAR	10	28	0110	N13	W25	10	26.2		BG	EAI	280	58	15	3
10687		KAND	10	28	0702	N10	W27	10	26.3			DSO		9	10	4
10687		SVTO	10	28	0726	N12	W27	10	26.3		B	ESI	200	24	11	3
10687		HOLL	10	28	1430	N12	W33	10	26.1		BG	EKI	260	30	13	3
10687		VORO	10	28	2308	N12	W36	10	26.2			DAI	237	25	7	3
10687		LEAR	10	29	0142	N12	W37	10	26.3		BG	DAI	190	15	8	2
10687		SVTO	10	29	0625	N12	W41	10	26.2		B	ESI	160	11	11	2
10687		KAND	10	29	0825	N10	W44	10	26.0			CSO		14	11	2
10687		HOLL	10	29	1551	N12	W47	10	26.1		BG	DAO	150	12	9	3
10687		VORO	10	29	2313	N11	W48	10	26.3			CAI	146	19	8	3
10687		LEAR	10	30	0005	N12	W50	10	26.2		B	CAO	120	8	9	2
10687		KAND	10	30	0720	N10	W58	10	25.9			CSO		2	2	4
10687		SVTO	10	30	1450	N12	W62	10	25.9		A	HSX	80	3	2	2
10687		HOLL	10	30	1835	N11	W65	10	25.9		A	HAX	80	4	4	3
10687		LEAR	10	31	0010	N12	W65	10	26.1		B	CAO	80	4	3	1
10687		VORO	10	31	0104	N11	W67	10	26.0			HAX	109	4		3
10687		KAND	10	31	0810	N10	W71	10	26.0			HR		1	1	5
10687		HOLL	10	31	1815	N12	W78	10	25.9		B	CAO	60	4	3	4
10687		LEAR	11	01	0016	N11	W80	10	26.1		B	BXO	30	2	2	1
10692		KAND	10	24	0915	S19	E36	10	27.1			BXO		4	3	3
10692		HOLL	10	24	1435	S17	E35	10	27.3		B	DAO	70	8	4	3
10692		LEAR	10	25	0058	S18	E27	10	27.1		B	DAO	120	6	5	3
10692		KAND	10	25	0751	S19	E23	10	27.1			DAO		9	6	3
10692		SVTO	10	25	0905	S18	E24	10	27.2		B	DSO	100	5	6	2
10692		LEAR	10	26	0042	S18	E15	10	27.2		B	DAO	60	5	8	2
10692		KAND	10	26	0755	S19	E10	10	27.1			DSO		4	8	3
10692		SVTO	10	26	0915	S19	E10	10	27.1		B	DSO	80	2	9	2
10692		HOLL	10	26	1735	S17	E06	10	27.2		B	DAO	120	4	9	2
10692		LEAR	10	27	0014	S18	E02	10	27.2		B	DSO	90	6	9	3
10692		KAND	10	27	0800	S18	W04	10	27.0			CAO		2	8	1
10692		SVTO	10	27	1020	S18	W04	10	27.1		B	DSO	30	4	10	3
10692		LEAR	10	28	0110	S17	W13	10	27.1		B	CAO	80	4	9	3
10692		KAND	10	28	0702	S19	W20	10	26.8			HS		1	1	4
10692		SVTO	10	28	0726	S19	W19	10	26.8		A	HSX	20	2	1	3
10692		HOLL	10	28	1430	S18	W24	10	26.8		A	HAX	30	2	1	3
10692		LEAR	10	29	0142	S17	W31	10	26.7		A	HAX	20	2	1	2
10692		SVTO	10	29	0625	S18	W33	10	26.7		A	HSX	20	1	1	2
10692		KAND	10	29	0825	S19	W34	10	26.7			HS		1	1	2
10692		HOLL	10	29	1551	S19	W38	10	26.8		A	HSX	30	1	1	3
10692		LEAR	10	30	0005	S18	W42	10	26.8		A	HAX	20	1	1	2
10692		KAND	10	30	0720	S19	W48	10	26.6			HR		1	1	4
10692		HOLL	10	30	1835	S19	W52	10	26.8		A	AXX	10	2	2	3
10689		HOLL	10	21	1559	N12	E78	10	27.5		A	HSX	60	1	1	2
10689		LEAR	10	22	0015	N11	E75	10	27.6		A	HSX	60	1	2	2
10689		SVTO	10	22	0910	N11	E69	10	27.6		A	HSX	60	1	1	3
10689		HOLL	10	22	1803	N12	E65	10	27.6		A	HAX	40	1	1	2
10689		LEAR	10	23	0004	N10	E60	10	27.5		A	HSX	40	1	2	2
10689		KAND	10	23	0811	N12	E56	10	27.6			HA		1	3	4
10689		SVTO	10	23	0933	N12	E56	10	27.6		A	HAX	50	1	2	3
10689		HOLL	10	23	1448	N12	E52	10	27.5		A	HAX	30	1	1	4
10689		LEAR	10	24	0005	N11	E47	10	27.5		A	HSX	50	1	2	3
10689		KAND	10	24	0915	N11	E42	10	27.5			HS		1	2	3
10689		HOLL	10	24	1435	N12	E39	10	27.5		A	HAX	40	1	2	3
10689		LEAR	10	25	0058	N12	E33	10	27.5		A	HAX	50	4	3	3

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10689		KAND	10	25	0751	N12	E30	10	27.6			HS		1	2	3
10689		SVTO	10	25	0905	N12	E30	10	27.6		A	HSX	70	1	2	2
10689		LEAR	10	26	0042	N12	E22	10	27.7		A	HAX	30	1	2	2
10689		KAND	10	26	0755	N11	E17	10	27.6			HS		1	2	3
10689		SVTO	10	26	0915	N12	E18	10	27.7		A	HSX	60	1	2	2
10689		HOLL	10	26	1735	N12	E12	10	27.6		A	HAX	60	1	2	2
10689		LEAR	10	27	0014	N12	E09	10	27.7		A	HSX	70	2	2	3
10689		KAND	10	27	0800	N11	E04	10	27.6			HS		1	1	1
10689		SVTO	10	27	1020	N12	E04	10	27.7		A	HSX	40	2	2	3
10689		LEAR	10	28	0110	N13	W04	10	27.7		A	HSX	80	1	2	3
10689		KAND	10	28	0702	N11	W08	10	27.7			HA		1	1	4
10689		SVTO	10	28	0726	N12	W08	10	27.7		A	HSX	80	1	3	3
10689		HOLL	10	28	1430	N11	W12	10	27.7		A	HSX	20	1	2	3
10689		LEAR	10	29	0142	N12	W18	10	27.7		A	HAX	50	2	2	2
10689		SVTO	10	29	0625	N12	W21	10	27.7		A	HSX	40	1	1	2
10689		KAND	10	29	0825	N11	W23	10	27.6			HS		1	1	2
10689		HOLL	10	29	1551	N11	W26	10	27.7		A	HSX	50	1	2	3
10689		LEAR	10	30	0005	N12	W30	10	27.7		A	HAX	30	1	2	2
10689		KAND	10	30	0720	N11	W34	10	27.7			HS		1	1	4
10689		SVTO	10	30	1450	N12	W39	10	27.7		A	HSX	20	1	1	2
10689		HOLL	10	30	1835	N11	W40	10	27.8		A	HSX	20	1	1	3
10689		LEAR	10	31	0010	N12	W43	10	27.8		A	HSX	20	1	1	1
10689		KAND	10	31	0810	N11	W48	10	27.7			HS		1	1	5
10689		HOLL	10	31	1815	N11	W54	10	27.7		A	HAX	50	1	2	4
10689		LEAR	11	01	0016	N11	W60	10	27.6		A	HSX	40	1	2	1
10689		TACH	11	01	0514	N11	W58	10	27.9			AXX	5	1	1	3
10689		KAND	11	01	0925	N10	W63	10	27.7			HA		1	1	3
10689		HOLL	11	01	1640	N11	W67	10	27.7		A	HAX	20	1	1	4
10689		HOLL	11	02	1523	N10	W77	10	27.9		A	AXX		1	1	2
10690		HOLL	10	22	1803	N00	E81	10	28.8		A	HAX	60	1	1	2
10690		LEAR	10	23	0004	S02	E78	10	28.8		A	HSX	60	1	2	2
10690		KAND	10	23	0811	S01	E75	10	28.9			HS		1	3	4
10690		SVTO	10	23	0933	N00	E75	10	29.0		A	HSX	60	1	3	3
10690		HOLL	10	23	1448	N01	E71	10	28.9		A	HSX	90	1	1	4
10690		LEAR	10	24	0005	S02	E65	10	28.8		A	HSX	70	2	2	3
10690		KAND	10	24	0915	S01	E61	10	28.9			HA		1	2	3
10690		HOLL	10	24	1435	N01	E58	10	28.9		A	HAX	70	3	2	3
10690		LEAR	10	25	0058	S01	E52	10	28.9		A	HAX	60	2	2	3
10690		KAND	10	25	0751	N00	E48	10	28.9			HS		1	2	3
10690		SVTO	10	25	0905	N00	E48	10	29.0		B	CSO	90	5	2	2
10690		LEAR	10	26	0042	S01	E38	10	28.9		A	HSX	130	3	3	2
10690		KAND	10	26	0755	N00	E35	10	28.9			HA		3	3	3
10690		SVTO	10	26	0915	N00	E34	10	28.9		A	HSX	130	2	3	2
10690		HOLL	10	26	1735	N01	E29	10	28.9		A	HAX	120	5	3	2
10690		LEAR	10	27	0014	N01	E29	10	29.2		B	CHO	140	9	9	3
10690		KAND	10	27	0800	S01	E21	10	28.9			CAO		5	4	1
10690		SVTO	10	27	1020	S01	E21	10	29.0		B	DSO	60	4	5	3
10690		LEAR	10	28	0110	S02	E13	10	29.0		B	CSI	100	11	5	3
10690		KAND	10	28	0702	S01	E08	10	28.9			CAO		4	3	4
10690		SVTO	10	28	0726	S01	E08	10	28.9		B	DSO	60	4	4	3
10690		HOLL	10	28	1430	S01	E03	10	28.8		B	DAO	70	3	3	3
10690		LEAR	10	29	0142	N00	W03	10	28.8		A	HAX	60	4	2	2
10690		SVTO	10	29	0625	N00	W06	10	28.8		B	DSO	50	2	2	2
10690		KAND	10	29	0825	S01	W07	10	28.8			HA		3	2	2
10690		HOLL	10	29	1551	S01	W10	10	28.9		A	HAX	80	2	2	3
10690		LEAR	10	30	0005	N00	W15	10	28.9		B	CSO	40	2	2	2
10690		KAND	10	30	0720	S01	W19	10	28.9			HA		2	2	4
10690		SVTO	10	30	1450	N01	W22	10	29.0		A	HSX	40	2	1	2
10690		HOLL	10	30	1835	S02	W25	10	28.9		B	CAO	40	8	3	3
10690		LEAR	10	31	0010	S01	W28	10	28.9		B	CAO	40	4	3	1
10690		KAND	10	31	0810	S01	W32	10	28.9			HA		3	2	5
10690		HOLL	10	31	1815	S02	W38	10	28.9		B	DAO	40	8	4	4
10690		LEAR	11	01	0016	S02	W41	10	29.0		B	CAO	40	8	3	1
10690		TACH	11	01	0514	S02	W42	10	29.2			CAI	38	6	3	3
10690		KAND	11	01	0925	S02	W47	10	29.0			CAI		4	3	4
10690		HOLL	11	01	1640	S02	W50	10	29.0		B	CAO	60	3	3	4
10690		LEAR	11	02	0205	N00	W57	10	28.9		A	HAX	30	1	1	2
10690		HOLL	11	02	1523	S02	W61	10	29.2		A	AXX		1	1	2

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10690		LEAR	11	03	0011	S01	W68	10	29.0		A	HXX	30	1	1	3
10691		LEAR	10	23	0004	N14	E83	10	29.3		A	HSX	60	1	2	2
10691		KAND	10	23	0811	N14	E80	10	29.4			HS		1	3	4
10691		SVTO	10	23	0933	N15	E78	10	29.3		A	HSX	30	1	2	3
10691		HOLL	10	23	1448	N17	E71	10	29.0		A	HSX	60	1	1	4
10691		LEAR	10	24	0005	N14	E72	10	29.4		B	EAO	80	9	12	3
10691		KAND	10	24	0915	N14	E63	10	29.1			HS		1	2	3
10691		HOLL	10	24	1435	N16	E64	10	29.5		BGD	EAI	220	12	13	3
10691		LEAR	10	25	0058	N15	E60	10	29.6		BGD	EAI	180	19	15	3
10691		KAND	10	25	0751	N14	E50	10	29.1			CAO		4	3	3
10691		SVTO	10	25	0905	N15	E55	10	29.5		B	CSO	110	15	11	2
10691		LEAR	10	26	0042	N15	E43	10	29.3		BGD	EAO	70	12	11	2
10691		KAND	10	26	0755	N14	E36	10	29.0			HA		4	3	3
10691		SVTO	10	26	0915	N15	E41	10	29.5		B	CAO	140	6	10	2
10691		HOLL	10	26	1735	N16	E36	10	29.5		BGD	EAI	190	12	15	2
10691		LEAR	10	27	0014	N15	E33	10	29.5		BG	CHI	200	17	13	3
10691		KAND	10	27	0800	N14	E22	10	29.0			HA		3	2	1
10691		SVTO	10	27	1020	N16	E27	10	29.5		B	CAO	80	6	14	3
10691		LEAR	10	28	0110	N15	E16	10	29.2		BG	CSO	130	11	10	3
10691		KAND	10	28	0702	N14	E10	10	29.0			CAO		5	5	4
10691		SVTO	10	28	0726	N14	E09	10	29.0		B	DAO	150	10	5	3
10691		HOLL	10	28	1430	N15	E12	10	29.5		BGD	EAI	140	13	14	3
10691		LEAR	10	29	0142	N13	E00	10	29.1		B	DAO	100	7	5	2
10691		SVTO	10	29	0625	N14	W05	10	28.9		B	DAO	120	8	7	2
10691		KAND	10	29	0825	N13	W08	10	28.7			CAO		13	7	2
10691		HOLL	10	29	1551	N13	W09	10	29.0		BG	DAO	130	18	7	3
10691		LEAR	10	30	0005	N14	W14	10	28.9		BG	DKO	120	16	9	2
10691		KAND	10	30	0720	N13	W22	10	28.6			HK		11	6	4
10691		SVTO	10	30	1450	N14	W24	10	28.8		B	CAO	200	13	8	2
10691		HOLL	10	30	1835	N14	W20	10	29.3		BGD	FKI	250	37	16	3
10691		LEAR	10	31	0010	N14	W27	10	29.0		BG	DAO	190	18	8	1
10691		KAND	10	31	0810	N12	W33	10	28.8			DKO		17	9	5
10691		HOLL	10	31	1815	N13	W39	10	28.8		BG	DAC	290	24	9	4
10691		LEAR	11	01	0016	N13	W42	10	28.9		BG	DAO	160	12	9	1
10691		TACH	11	01	0514	N13	W44	10	29.0			DAI	374	11	7	3
10691		KAND	11	01	0925	N12	W46	10	29.0			DAI		8	9	4
10691		HOLL	11	01	1640	N13	W51	10	28.9		B	DAO	130	7	9	4
10691		LEAR	11	02	0205	N13	W55	10	29.0		BG	DAO	200	4	8	2
10691		HOLL	11	02	1523	N12	W63	10	29.0		BG	DAI	140	7	8	2
10691		LEAR	11	03	0011	N13	W68	10	29.0		BG	DAI	220	8	9	3
10691		KAND	11	03	0940	N12	W75	10	28.8			DAO		9	12	3
10691		HOLL	11	03	1451	N13	W76	10	29.0		BG	DAI	190	11	9	4
10691		LEAR	11	04	0140	N13	W78	10	29.3		B	DAO	90	3	3	2
10691		KAND	11	04	0950	N13	W83	10	29.2			BXO		2	3	4
10694A		KAND	10	24	0915	N16	E74	10	30.0			DSO		5	7	3
10694A		KAND	10	25	0751	N16	E59	10	29.8			DAO		7	6	3
10694A		KAND	10	26	0755	N16	E45	10	29.7			CSO		7	7	3
10694A		KAND	10	27	0800	N16	E33	10	29.8			AX		2	2	1
10694A		LEAR	10	28	0110	N17	E26	10	30.0		B	BXO	20	4	7	3
10694A		KAND	10	28	0702	N18	E22	10	30.0			BXO		2	8	4
10694A		LEAR	10	29	0142	N17	E12	10	30.0		B	BXO	10	6	10	2
10694A		LEAR	10	30	0005	N17	W05	10	29.6		A	AXX	20	3	2	2
10694		LEAR	10	26	0042	N16	E61	10	30.6		B	BXO	20	4	4	2
10694		KAND	10	26	0755	N17	E56	10	30.6			AX		2	1	3
10694		LEAR	10	27	0014	N18	E46	10	30.5		B	BXO	10	2	3	3
10694		LEAR	10	28	0110	N16	E34	10	30.6		B	BXO	10	2	2	3
10694		KAND	10	28	0702	N15	E31	10	30.6			BXO		2	2	4
10694		HOLL	10	28	1430	N16	E26	10	30.6		B	CSO	20	6	6	3
10694		LEAR	10	29	0142	N15	E19	10	30.5		B	BXI	20	9	6	2
10694		HOLL	10	29	1551	N17	E10	10	30.4		B	BXO	10	7	8	3
10694		LEAR	10	30	0005	N16	E05	10	30.4		B	DSO	30	3	6	2
10694		KAND	10	30	0720	N15	E02	10	30.4			BXO		2	5	4
10694		SVTO	10	30	1450	N15	E00	10	30.6		A	AXX		1		2
10694		HOLL	10	30	1835	N14	W03	10	30.5		B	CSO	10	5	3	3
10694		LEAR	10	31	0010	N16	W06	10	30.5		B	BXO	20	3	3	1
10694		KAND	10	31	0810	N14	W08	10	30.7			AX		2	1	5

S U N S P O T G R O U P S
(Ordered by Central Meridian Passage Date)

OCTOBER 2004

NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Time Mo Day	(UT)	Lat CMD	CMP Mo Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
10694		HOLL	10 31	1815	N13 W13	10 30.8		A	AXX	10	4	2	4

Stations reporting:

HOLL = Holloman
KAND = Kandilli
LEAR = Learmonth
MWIL = Mt. Wilson
PALE = Palehua
RAMY = Ramey
SVTO = San Vito
TACH = Tashkent
VORO = Voroshilov