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

NOVEMBER 2000

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
9210		TACH	10	26	0515	S26	E80	11	1.4			HSX	40	2	2	3
9210		RAMY	10	26	1215	S32	E82	11	2.0		B	DSO	80	3	2	3
9210		HOLL	10	26	1618	S29	E75	11	1.5		A	HSX	60	1	2	3
9210		LEAR	10	27	0140	S28	E69	11	1.5		B	DSI	90	6	3	2
9210		TACH	10	27	0535	S23	E63	11	1.1			DAI	246	6	4	3
9210		TACH	10	27	0535	S29	E77	11	2.3			DRO	55	2	5	3
9210		KAND	10	27	0700	S28	E70	11	1.8			DSO		3	4	3
9210		SVTO	10	27	1016	S27	E69	11	1.8		B	DAO	180	4	6	2
9210		RAMY	10	27	1302	S33	E65	11	1.7		B	DSO	110	10	10	3
9210		HOLL	10	27	1606	S29	E61	11	1.4		B	CSO	90	3	3	3
9210		VORO	10	27	2238	S28	E61	11	1.7			DAO	63	2	2	2
9210		TACH	10	28	0548	S27	E56	11	1.6			DRO	130	2	3	3
9210		SVTO	10	28	0910	S28	E57	11	1.8		B	DAO	60	3	5	2
9210		RAMY	10	28	1213	S32	E55	11	1.9		B	DSI	120	5	9	3
9210		VORO	10	28	2224	S29	E48	11	1.7			CAO	72	2	3	2
9210		SVTO	10	29	0700	S28	E45	11	1.8		B	DAO	140	8	6	3
9210		TACH	10	29	0705	S27	E44	11	1.7			CAI	45	3	3	3
9210		KAND	10	29	1320	S28	E40	11	1.7			CSO		4	5	2
9210		RAMY	10	29	1340	S32	E40	11	1.7		B	CSO	40	9	5	3
9210		HOLL	10	29	1420	S27	E40	11	1.7		B	CAO	80	8	5	3
9210		VORO	10	29	2224	S30	E34	11	1.6			HAX	67	2		2
9210		TACH	10	30	0447	S27	E32	11	1.7			CAO	58	4	3	4
9210		KAND	10	30	0730	S28	E30	11	1.6			DAO		7	6	4
9210		SVTO	10	30	0905	S28	E31	11	1.8		B	DAO	50	7	6	2
9210		RAMY	10	30	1210	S30	E26	11	1.5		B	DSO	40	12	6	3
9210		LEAR	10	31	0044	S28	E20	11	1.6		A	CAO	30	10	4	3
9210		TACH	10	31	0527	S27	E18	11	1.6			BR	32	8	4	3
9210		VORO	10	31	0614	S30	E19	11	1.7			AXX	26	2		3
9210		SVTO	10	31	0727	S28	E17	11	1.6		B	BXO	40	9	7	3
9210		KAND	10	31	0755	S28	E17	11	1.6			AX		7	3	4
9210		RAMY	10	31	1220	S30	E12	11	1.4		B	DSO	40	19	5	3
9210		HOLL	10	31	1523	S27	E13	11	1.6		B	CSO	40	6	3	3
9210		VORO	10	31	2303	S26	E09	11	1.6			HRX	26	1		2
9210		LEAR	11	01	0155	S29	E08	11	1.7		B	BXO	20	10	3	2
9210		KAND	11	01	0820	S28	E04	11	1.6			AX		3	2	4
9210		SVTO	11	01	1015	S27	E04	11	1.7		B	CRO	30	6	4	3
9210		RAMY	11	01	1405	S28	W02	11	1.4		B	DSO	20	5	4	2
9210		HOLL	11	01	1500	S27	W01	11	1.5		B	BXO	20	9	4	3
9210		LEAR	11	02	0330	S27	W04	11	1.8		A	AXX	10	5	3	3
9210		SVTO	11	02	0650	S27	W07	11	1.7		B	DAO	50	11	8	3
9210		KAND	11	02	0740	S28	W07	11	1.8			AX		3	4	3
9210		RAMY	11	02	1211	S26	W13	11	1.5		B	CSO	20	8	7	3
9210		HOLL	11	02	1524	S27	W13	11	1.6		B	CSO	40	8	5	4
9210		VORO	11	02	2255	S27	W14	11	1.9			AXX	23	2		3
9210		LEAR	11	03	0145	S28	W17	11	1.7		B	CSO	10	12	4	3
9210		TACH	11	03	0441	S27	W19	11	1.7			AXX	20	1	1	3
9210		KAND	11	03	0900	S28	W20	11	1.8			BXO		13	6	3
9210		RAMY	11	03	1255	S26	W25	11	1.6		B	CRO	20	15	4	3
9210		SVTO	11	03	1410	S28	W24	11	1.7		B	DSO	30	9	4	2
9210		LEAR	11	04	0050	S28	W29	11	1.8		B	DSO	40	7	3	3
9210		KAND	11	04	0830	S28	W34	11	1.7			DSO		7	4	4
9210		LEAR	11	05	0056	S27	W42	11	1.8		B	CSO	40	4	2	2
9210		TACH	11	05	0836	S28	W43	11	2.0			AXX	10	1	1	4
9210		KAND	11	05	0930	S28	W46	11	1.8			HR		2	2	3
9210		SVTO	11	05	1000	S27	W46	11	1.8		A	HSX	10	1	1	2
9210		RAMY	11	05	1240	S23	W49	11	1.7		B	CSO	20	2	1	3
9210		HOLL	11	05	1528	S28	W49	11	1.8		B	CSO	40	2	1	3
9210		LEAR	11	06	0105	S26	W54	11	1.8		B	CSO	30	3	2	3
9210		SVTO	11	06	0825	S27	W58	11	1.8		A	HSX	10	1	1	3
9210		RAMY	11	06	1445	S23	W61	11	1.9		B	CSO	20	2	1	3
9210		LEAR	11	07	0055	S28	W69	11	1.6		B	CSO	70	3	2	2
9226		KAND	11	07	0715	N10	W74	11	1.7			BXO		3	5	3
9226		LEAR	11	08	0110	N10	W80	11	2.0		A	HSX	60	2	2	3
9226		SVTO	11	08	0815	N09	W89	11	1.7		B	CAO	40	2	2	3
9210A		LEAR	11	01	0155	N20	E16	11	2.3		B	BXO	10	2	1	2
9214		SVTO	10	28	0910	S11	E78	11	3.2		B	DAO	60	3	5	2

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

NOVEMBER 2000

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
9214		RAMY	10	28	1213	S15	E75	11	3.2		B	CSO	40	6	7	3
9214		VORO	10	28	2224	S11	E67	11	3.0			DAO	118	2	6	2
9214		SVTO	10	29	0700	S10	E66	11	3.2		B	DSO	170	5	9	3
9214		TACH	10	29	0705	S09	E64	11	3.1			DAI	103	4	7	4
9214		KAND	10	29	1320	S10	E60	11	3.1			DSO		3	9	2
9214		RAMY	10	29	1340	S15	E59	11	3.0		B	DSO	180	7	9	3
9214		HOLL	10	29	1420	S09	E59	11	3.0		B	DAO	220	6	8	3
9214		VORO	10	29	2224	S11	E55	11	3.1			DAO	213	2	7	2
9214		TACH	10	30	0447	S09	E51	11	3.0			DRO	201	3	8	4
9214		KAND	10	30	0730	S10	E51	11	3.1			DSO		7	10	4
9214		SVTO	10	30	0905	S11	E50	11	3.1		B	EAO	220	6	11	2
9214		RAMY	10	30	1210	S14	E45	11	2.9		B	DSO	130	12	10	3
9214	30141	MWIL	10	30	1530	S11	E46	11	3.1	5	(B)					
9214		LEAR	10	31	0044	S12	E40	11	3.0		B	DAO	80	12	7	3
9214		TACH	10	31	0527	S10	E37	11	3.0			DAO	194	8	9	3
9214		VORO	10	31	0614	S11	E38	11	3.1			DSO	265	4	9	3
9214		SVTO	10	31	0727	S11	E36	11	3.0		B	EAO	140	8	13	3
9214		KAND	10	31	0755	S11	E36	11	3.0			ESO		10	12	4
9214		RAMY	10	31	1220	S13	E31	11	2.8		B	EAI	110	20	11	3
9214	30141	MWIL	10	31	1515	S11	E32	11	3.0	5	(B)					
9214		HOLL	10	31	1523	S09	E31	11	3.0		B	DSO	80	16	10	3
9214		VORO	10	31	2303	S11	E28	11	3.1			ESO	237	4	10	2
9214		LEAR	11	01	0155	S12	E25	11	3.0		B	ESO	150	12	12	2
9214		TACH	11	01	0620	S09	E23	11	3.0			CAO	190	5	11	2
9214		SVTO	11	01	1015	S11	E22	11	3.1		B	EAO	160	20	13	3
9214		RAMY	11	01	1405	S12	E18	11	2.9		B	EAO	150	14	11	2
9214	30141	MWIL	11	01	1500	S11	E19	11	3.0	5	(BG)					
9214		HOLL	11	01	1500	S12	E18	11	3.0		B	EAO	190	14	12	3
9214		VORO	11	01	2258	S11	E15	11	3.1			EAI	231	6	10	2
9214		LEAR	11	02	0330	S12	E12	11	3.0		B	ESO	160	18	12	3
9214		TACH	11	02	0606	S10	E09	11	2.9			DAI	170	6	9	3
9214		SVTO	11	02	0650	S12	E09	11	3.0		B	ESO	190	14	15	3
9214		KAND	11	02	0740	S11	E10	11	3.1			ESO		12	14	3
9214		RAMY	11	02	1211	S13	E05	11	2.9		B	ESO	130	18	12	3
9214	30141	MWIL	11	02	1500	S12	E05	11	3.0	5	(BG)					
9214		HOLL	11	02	1524	S11	E08	11	3.2		B	EAO	150	17	12	4
9214		VORO	11	02	2255	S12	E02	11	3.1			ESI	266	6	12	3
9214		LEAR	11	03	0145	S12	E00	11	3.1		BG	EAO	130	13	14	3
9214		KAND	11	03	0900	S11	W05	11	3.0			CSO		9	14	3
9214		RAMY	11	03	1255	S11	W06	11	3.1		B	ESO	130	19	14	3
9214		SVTO	11	03	1410	S12	W07	11	3.1		B	ESO	90	7	14	2
9214	30141	MWIL	11	03	1530	S10	W10	11	2.9	5	(BP)					
9214		LEAR	11	04	0050	S11	W13	11	3.0		B	CSO	90	6	13	3
9214		VORO	11	04	2339	S09	W32	11	2.6			HAX	116	2		2
9214		LEAR	11	05	0056	S08	W33	11	2.6		B	CSO	100	2	2	2
9214		TACH	11	05	0836	S09	W35	11	2.7			HSX	71	2	2	4
9214		KAND	11	05	0930	S09	W37	11	2.6			HS		2	3	3
9214		SVTO	11	05	1000	S09	W36	11	2.7		B	CSO	50	3	4	2
9214		RAMY	11	05	1240	S06	W39	11	2.6		B	DSO	60	4	3	3
9214	30141	MWIL	11	05	1515	S09	W40	11	2.6	5	(BG)					
9214		HOLL	11	05	1528	S09	W41	11	2.6		B	CAO	60	4	3	3
9214		LEAR	11	06	0105	S08	W47	11	2.5		B	CSO	70	3	2	3
9214		SVTO	11	06	0825	S09	W49	11	2.7		B	CSO	100	3	4	3
9214		RAMY	11	06	1445	S06	W53	11	2.6		B	CSO	40	2	2	3
9214	30141	MWIL	11	06	1515	S09	W53	11	2.6	5	(AP)					
9214		KAND	11	07	0715	S09	W62	11	2.6			HS		1	2	3
9214		SVTO	11	07	0735	S10	W63	11	2.6		A	HSX	80	1	2	2
9214	30141	MWIL	11	07	1545	S09	W67	11	2.6	4	(AP)					
9214		VORO	11	07	2353	S09	W72	11	2.6			HAX	39	1		2
9214		LEAR	11	08	0110	S08	W70	11	2.8		A	HSX	60	1	2	3
9214		KAND	11	08	0725	S10	W77	11	2.5			HS		1	2	4
9214		SVTO	11	08	0815	S08	W80	11	2.3		A	HSX	60	1	1	3
9214	30141	MWIL	11	08	1545	S10	W72	11	3.2	4	(B)					
9214		HOLL	11	08	1625	S08	W78	11	2.8		A	HAX	60	1	2	2
9212		TACH	10	28	0548	N12	E81	11	3.3			HSX	85	2	1	3
9212		SVTO	10	28	0910	N08	E80	11	3.4		B	DAO	140	2	5	2
9212		RAMY	10	28	1213	N05	E84	11	3.8		B	BHO	240	3	8	3
9212		VORO	10	28	2224	N09	E73	11	3.4			HAX	300	2	0	2

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

NOVEMBER 2000

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
9212		SVTO	10	29	0700	N08	E70	11	3.5		B	DAO	250	6	6	3
9212		TACH	10	29	0705	N10	E69	11	3.5			HSX	115	3	1	3
9212		KAND	10	29	1320	N11	E67	11	3.6			CAI		10	6	2
9212		RAMY	10	29	1340	N05	E66	11	3.5		B	DKC	270	9	6	3
9212		HOLL	10	29	1420	N10	E66	11	3.5		B	DAO	290	7	5	3
9212		VORO	10	29	2224	N10	E61	11	3.5			HAX	295	1		2
9212		TACH	10	30	0447	N11	E57	11	3.5			HSX	206	3	2	4
9212		KAND	10	30	0730	N11	E57	11	3.6			CAI		14	9	4
9212		SVTO	10	30	0905	N10	E55	11	3.5		B	DAO	200	9	7	2
9212		RAMY	10	30	1210	N05	E52	11	3.4		B	DAI	170	20	9	3
9212	30142	MWIL	10	30	1530	N09	E50	11	3.4	5	(BG)					
9212		LEAR	10	31	0044	N08	E48	11	3.6		B	DSI	110	10	5	3
9212		TACH	10	31	0527	N10	E43	11	3.4			HSX	566	12	3	3
9212		VORO	10	31	0614	N10	E43	11	3.5			HAX	195	4		3
9212		SVTO	10	31	0727	N11	E43	11	3.5		B	DAO	100	8	6	3
9212		KAND	10	31	0755	N09	E42	11	3.5			DSI		7	5	4
9212		RAMY	10	31	1220	N08	E39	11	3.4		B	DAO	110	16	6	3
9212	30142	MWIL	10	31	1515	N09	E39	11	3.6	5	(BG)					
9212		HOLL	10	31	1523	N11	E38	11	3.5		B	DSI	100	11	7	3
9212		VORO	10	31	2303	N11	E36	11	3.7			HAX	286	4	4	2
9212		LEAR	11	01	0155	N09	E33	11	3.5		B	DSO	140	13	7	2
9212		TACH	11	01	0620	N12	E31	11	3.6			CAI	108	8	5	2
9212		SVTO	11	01	1015	N11	E30	11	3.7		B	EAO	130	16	11	3
9212		RAMY	11	01	1405	N10	E26	11	3.5		B	EAI	110	20	11	2
9212		HOLL	11	01	1500	N10	E27	11	3.6		B	EAO	110	23	13	3
9212	30142	MWIL	11	01	1500	N11	E27	11	3.6	5	(BP)					
9212		VORO	11	01	2258	N10	E21	11	3.5			HAX	119	1		2
9212		LEAR	11	02	0330	N09	E17	11	3.4		B	CAI	60	20	7	3
9212		TACH	11	02	0606	N11	E14	11	3.3			HSX	120	1	1	3
9212		SVTO	11	02	0650	N12	E16	11	3.5		B	EAO	100	23	11	3
9212		KAND	11	02	0740	N10	E16	11	3.5			CAO		8	7	3
9212		RAMY	11	02	1211	N09	E13	11	3.5		B	CAO	120	43	16	3
9212	30142	MWIL	11	02	1500	N09	E10	11	3.4	4	(BG)					
9212		HOLL	11	02	1524	N08	E10	11	3.4		B	CAI	70	19	11	4
9212		VORO	11	02	2255	N11	E10	11	3.7			DAI	160	5	5	3
9212		LEAR	11	03	0145	N09	E04	11	3.4		B	ESO	770	21	12	3
9212		TACH	11	03	0441	N09	W00	11	3.2			CAO	100	6	5	3
9212		KAND	11	03	0900	N10	E00	11	3.4			CAO		28	13	3
9212		RAMY	11	03	1255	N13	W03	11	3.3		B	FSO	130	65	18	3
9212		SVTO	11	03	1410	N09	W03	11	3.4		B	EAO	170	19	15	2
9212	30142	MWIL	11	03	1530	N10	W03	11	3.4	4	(BP)					
9212		LEAR	11	04	0050	N09	W08	11	3.4		B	DSO	40	16	6	3
9212		KAND	11	04	0830	N10	W12	11	3.4			CRO		20	10	4
9212	30142	MWIL	11	04	1500	N09	W17	11	3.3	4	(AP)					
9212		LEAR	11	05	0056	N10	W23	11	3.3		B	DSO	50	8	5	2
9212		TACH	11	05	0836	N13	W27	11	3.3			CAI	86	10	2	4
9212		KAND	11	05	0930	N10	W27	11	3.4			BXO		6	4	3
9212		SVTO	11	05	1000	N09	W27	11	3.4		B	BXO	10	7	4	2
9212		RAMY	11	05	1240	N12	W25	11	3.6		B	CSO	20	12	8	3
9212	30142	MWIL	11	05	1515	N10	W30	11	3.4	4	(AP)					
9212		HOLL	11	05	1528	N09	W32	11	3.2		A	AXX	20	4	2	3
9222		KAND	11	03	0900	N15	W01	11	3.3			AX		2	1	3
9222	30149	MWIL	11	04	1500	N16	W18	11	3.2	4	(B)					
9222		LEAR	11	05	0056	N17	W22	11	3.4		B	DSO	60	6	4	2
9222		KAND	11	05	0930	N17	W27	11	3.3			DAO		5	5	3
9222		SVTO	11	05	1000	N16	W27	11	3.4		B	DAO	60	7	7	2
9222		RAMY	11	05	1240	N19	W29	11	3.3		B	DSO	50	8	5	3
9222	30149	MWIL	11	05	1515	N17	W30	11	3.3	5	(B)					
9222		HOLL	11	05	1528	N17	W31	11	3.3		B	DAO	60	7	7	3
9222		LEAR	11	06	0105	N17	W36	11	3.3		B	DSO	40	5	6	3
9222		SVTO	11	06	0825	N17	W41	11	3.2		B	DAO	40	3	7	3
9222		RAMY	11	06	1445	N20	W43	11	3.3		B	DSO	40	3	7	3
9222	30149	MWIL	11	06	1515	N17	W44	11	3.3	4	(B)					
9222		VORO	11	06	2317	N17	W52	11	3.0			HAX	52	1		1
9222		LEAR	11	07	0055	N17	W49	11	3.3		B	CSO	40	2	6	2
9222		KAND	11	07	0715	N16	W54	11	3.2			DSO		2	8	3
9222		SVTO	11	07	0735	N16	W55	11	3.1		B	DSO	50	2	9	2
9222	30149	MWIL	11	07	1545	N16	W60	11	3.1	4	(AP)					

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

NOVEMBER 2000

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
9222		LEAR	11	08	0110	N17	W62	11	3.3		B	CSO	40	3	9	3
9222		KAND	11	08	0725	N15	W70	11	3.0			HA		1	2	4
9222		SVTO	11	08	0815	N16	W72	11	2.9		A	HAX	40	1	1	3
9222	30149	MWIL	11	08	1545	N15	W75	11	3.0	4	(AP)					
9222		HOLL	11	08	1625	N16	W75	11	3.0		A	HAX	60	1	1	2
9222		LEAR	11	09	0114	N16	W80	11	3.0		A	HRX	30	1	1	3
9224		LEAR	11	07	0055	N29	W48	11	3.3		A	AXX		1		2
9224		KAND	11	07	0715	N28	W54	11	3.1			HR		1	1	3
9224		SVTO	11	07	0735	N28	W54	11	3.1		A	HSX		1		2
9224	30152	MWIL	11	07	1545	N28	W57	11	3.2	4	(AP)					
9224		LEAR	11	08	0110	N29	W60	11	3.3		B	CSO	30	4	6	3
9224		KAND	11	08	0725	N28	W69	11	2.9			AX		1	1	4
9224		SVTO	11	08	0815	N30	W67	11	3.1		B	CAO	30	4	8	3
9224	30152	MWIL	11	08	1545	N27	W72	11	3.0	3	(AP)					
9213		TACH	10	28	0548	N04	E79	11	3.1			HSX	100	1	1	3
9213		SVTO	10	28	0910	N02	E79	11	3.3		A	HAX	120	2	3	2
9213		RAMY	10	28	1213	S01	E77	11	3.2		A	HHX	240	2	3	3
9213		VORO	10	28	2224	N02	E70	11	3.2			HAX	238	1		2
9213		SVTO	10	29	0700	N04	E65	11	3.1		A	HSX	130	4	4	3
9213		TACH	10	29	0705	N04	E65	11	3.1			HSX	300	2	2	3
9213		KAND	10	29	1320	N03	E62	11	3.2			HA		3	4	2
9213		RAMY	10	29	1340	S02	E62	11	3.2		A	HHX	280	4	3	3
9213		HOLL	10	29	1420	N03	E62	11	3.2		A	HKX	230	4	3	3
9213		VORO	10	29	2224	N02	E57	11	3.2			HAX	365	3		2
9213		TACH	10	30	0447	N03	E53	11	3.1			HSX	300	2	2	4
9213		KAND	10	30	0730	N03	E53	11	3.3			HA		6	4	4
9213		SVTO	10	30	0905	N04	E51	11	3.2		A	HKX	250	2	4	2
9213		RAMY	10	30	1210	S02	E49	11	3.2		B	DAO	210	11	3	3
9213	30143	MWIL	10	30	1530	N02	E47	11	3.1	5	(AP)					
9213		LEAR	10	31	0044	N02	E43	11	3.2		A	CAX	230	6	2	3
9213		TACH	10	31	0527	N03	E40	11	3.2			HSX	433	6	3	3
9213		VORO	10	31	0614	N03	E40	11	3.2			HKX	330	1		3
9213		SVTO	10	31	0727	N03	E39	11	3.2		B	CAO	200	6	5	3
9213		KAND	10	31	0755	N02	E38	11	3.2			HK		6	3	4
9213		RAMY	10	31	1220	S01	E35	11	3.1		B	DAO	170	7	4	3
9213	30143	MWIL	10	31	1515	N02	E34	11	3.2	5	(AP)					
9213		HOLL	10	31	1523	N04	E34	11	3.2		A	CKO	200	9	2	3
9213		VORO	10	31	2303	N02	E29	11	3.1			HKX	326	1		2
9213		LEAR	11	01	0155	N02	E28	11	3.2		A	HAX	160	8	4	2
9213		TACH	11	01	0620	N04	E26	11	3.2			HSX	440	3	2	2
9213		SVTO	11	01	1015	N03	E24	11	3.2		B	CKO	230	8	5	3
9213		RAMY	11	01	1405	N01	E21	11	3.1		B	DAO	170	15	4	2
9213		HOLL	11	01	1500	N03	E21	11	3.2		A	HKX	250	6	4	3
9213		VORO	11	01	2258	N02	E17	11	3.2			HKX	655	4		2
9213		LEAR	11	02	0330	N02	E14	11	3.2		B	CKO	240	9	5	3
9213		TACH	11	02	0606	N04	E11	11	3.1			HA	500	4	2	3
9213		SVTO	11	02	0650	N03	E13	11	3.2		B	DAO	240	12	9	3
9213		KAND	11	02	0740	N03	E12	11	3.2			CKO		6	7	3
9213		RAMY	11	02	1211	N03	E12	11	3.4		B	CAO	240	12	10	3
9213	30143	MWIL	11	02	1500	N02	E08	11	3.2	5	(AP)					
9213		HOLL	11	02	1524	N03	E07	11	3.2		B	CAO	160	6	4	4
9213		VORO	11	02	2255	N03	E04	11	3.2			HKX	405	2		3
9213		LEAR	11	03	0145	N03	E02	11	3.2		A	HAX	200	7	4	3
9213		TACH	11	03	0441	N04	W01	11	3.1			HSX	315	2	2	3
9213		KAND	11	03	0900	N02	E00	11	3.4			CKO		11	10	3
9213		RAMY	11	03	1255	N03	W02	11	3.4		B	CAO	200	14	8	3
9213		SVTO	11	03	1410	N03	W06	11	3.1		A	HAX	160	8	5	2
9213	30143	MWIL	11	03	1530	N03	W05	11	3.3	5	(AP)					
9213		LEAR	11	04	0050	N03	W12	11	3.1		A	HAX	250	3	3	3
9213		KAND	11	04	0830	N03	W16	11	3.1			HK		3	3	4
9213	30143	MWIL	11	04	1500	N03	W19	11	3.2	5	(AP)					
9213		VORO	11	04	2339	N03	W24	11	3.2			HAX	301	2		2
9213		LEAR	11	05	0056	N03	W25	11	3.2		A	HAX	130	3	3	2
9213		TACH	11	05	0836	N03	W28	11	3.3			HSX	250	2	2	4
9213		KAND	11	05	0930	N03	W30	11	3.1			HK		2	3	3
9213		SVTO	11	05	1000	N02	W29	11	3.2		A	HAX	130	2	4	2
9213		RAMY	11	05	1240	N05	W32	11	3.1		A	HAX	100	7	2	3

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

NOVEMBER 2000

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
9213	30143	MWIL	11	05	1515	N03	W32	11	3.2	5	(AP)					
9213		HOLL	11	05	1528	N02	W33	11	3.2		B	CAI	90	4	2	3
9213		LEAR	11	06	0105	N04	W38	11	3.2		A	HAX	110	4	2	3
9213		SVTO	11	06	0825	N03	W42	11	3.2		B	CAO	110	6	4	3
9213		RAMY	11	06	1445	N06	W45	11	3.2		A	HAX	90	6	3	3
9213	30143	MWIL	11	06	1515	N03	W46	11	3.2	4	(AP)					
9213		LEAR	11	07	0055	N03	W52	11	3.1		B	DSO	90	3	3	2
9213		KAND	11	07	0715	N02	W55	11	3.2			CAO		4	4	3
9213		SVTO	11	07	0735	N02	W55	11	3.2		B	CAO	150	6	5	2
9213	30143	MWIL	11	07	1545	N03	W60	11	3.2	4	(AP)					
9213		LEAR	11	08	0110	N05	W63	11	3.3		B	CAO	80	4	3	3
9213		KAND	11	08	0725	N02	W70	11	3.1			HA		1	2	4
9213		SVTO	11	08	0815	N04	W72	11	3.0		B	DAO	80	3	4	3
9213	30143	MWIL	11	08	1545	N02	W74	11	3.1	4	(AP)					
9213		HOLL	11	08	1625	N03	W75	11	3.1		A	HAX	60	2	3	2
9213		LEAR	11	09	0114	N04	W80	11	3.1		A	HSX	60	1	2	3
9213A		TACH	11	03	0441	N02	E10	11	3.9			CAO	270	4	12	3
9222A		KAND	11	03	0900	N03	E20	11	4.9			AX		1		3
9218		RAMY	10	30	1210	N15	E70	11	4.8		A	AXX	10	1	1	3
9218		RAMY	10	31	1220	N16	E60	11	5.1		A	AXX	10	1	1	3
9218		LEAR	11	01	0155	N19	E50	11	4.9		B	BXO	10	6	5	2
9218		TACH	11	01	0620	N21	E48	11	4.9			AR	6	3	4	2
9218		KAND	11	01	0820	N19	E46	11	4.8			AX		7	5	4
9218		SVTO	11	01	1015	N19	E46	11	4.9		B	DAO	70	9	7	3
9218		RAMY	11	01	1405	N16	E45	11	5.0		B	DSO	60	14	7	2
9218		HOLL	11	01	1500	N18	E43	11	4.9		B	DAI	110	16	6	3
9218	30146	MWIL	11	01	1500	N19	E43	11	4.9	5	(B)					
9218		VORO	11	01	2258	N19	E40	11	5.0			DAI	239	4	6	2
9218		LEAR	11	02	0330	N19	E36	11	4.9		B	DAO	240	17	8	3
9218		TACH	11	02	0606	N20	E34	11	4.8			DAI	347	5	6	3
9218		SVTO	11	02	0650	N19	E33	11	4.8		B	DAI	320	14	10	3
9218		KAND	11	02	0740	N20	E33	11	4.8			DSI		10	10	3
9218		RAMY	11	02	1211	N18	E32	11	4.9		B	DAI	250	18	10	3
9218	30146	MWIL	11	02	1500	N19	E30	11	4.9	5	(B)					
9218		HOLL	11	02	1524	N19	E31	11	5.0		B	DAI	200	15	10	4
9218		VORO	11	02	2255	N20	E27	11	5.0			DAI	416	7	8	3
9218		LEAR	11	03	0145	N19	E24	11	4.9		B	DAO	260	11	11	3
9218		TACH	11	03	0441	N21	E21	11	4.8			DAO	445	4	8	3
9218		KAND	11	03	0900	N20	E20	11	4.9			EAO		18	11	3
9218		RAMY	11	03	1255	N19	E18	11	4.9		B	ESO	140	24	12	3
9218		SVTO	11	03	1410	N20	E16	11	4.8		B	EAO	290	13	13	2
9218	30146	MWIL	11	03	1530	N19	E17	11	4.9	5	(B)					
9218		LEAR	11	04	0050	N20	E12	11	4.9		B	EAO	270	10	13	3
9218		KAND	11	04	0830	N20	E06	11	4.8			ESO		13	12	4
9218	30146	MWIL	11	04	1500	N19	E03	11	4.8	5	(B)					
9218		VORO	11	04	2339	N20	W02	11	4.8			EAO	381	5	11	2
9218		LEAR	11	05	0056	N20	W01	11	5.0		B	EAO	320	17	13	2
9218		TACH	11	05	0836	N19	W06	11	4.9			DAI	555	10	11	4
9218		KAND	11	05	0930	N20	W07	11	4.9			EAO		14	15	3
9218		SVTO	11	05	1000	N19	W07	11	4.9		B	EAO	280	13	14	2
9218		RAMY	11	05	1240	N21	W08	11	4.9		B	ESO	220	18	14	3
9218	30146	MWIL	11	05	1515	N19	W10	11	4.9	5	(BP)					
9218		HOLL	11	05	1528	N19	W10	11	4.9		B	DSO	200	15	14	3
9218		LEAR	11	06	0105	N21	W16	11	4.8		B	EAO	220	25	13	3
9218		SVTO	11	06	0825	N19	W19	11	4.9		B	FAO	220	15	16	3
9218		RAMY	11	06	1445	N21	W22	11	4.9		B	ESO	200	12	14	3
9218	30146	MWIL	11	06	1515	N20	W25	11	4.7	5	(BP)					
9218		VORO	11	06	2317	N19	W35	11	4.3			DAO	448	3	2	1
9218		LEAR	11	07	0055	N20	W31	11	4.7		B	ESO	130	5	14	2
9218		KAND	11	07	0715	N20	W34	11	4.7			EAO		3	15	3
9218		SVTO	11	07	0735	N21	W33	11	4.8		B	EAO	170	7	15	2
9218	30146	MWIL	11	07	1545	N20	W42	11	4.4	4	(AP)					
9218		VORO	11	07	2353	N20	W47	11	4.4			HHX	256	1		2
9218		LEAR	11	08	0110	N21	W47	11	4.4		A	HSX	120	4	2	3
9218		KAND	11	08	0725	N19	W52	11	4.3			HS		1	3	4
9218		SVTO	11	08	0815	N21	W53	11	4.3		A	HSX	140	1	2	3

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

NOVEMBER 2000

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
9218	30146	MWIL	11	08	1545	N19	W55	11	4.4	5	(AP)					
9218		HOLL	11	08	1625	N19	W56	11	4.4		A	HAX	110	1	2	2
9218		LEAR	11	09	0114	N19	W61	11	4.4		A	HAX	200	1	3	3
9218		TACH	11	09	0436	N19	W61	11	4.5			HSX	150	1	1	4
9218		VORO	11	09	0458	N19	W62	11	4.5			HSX	158	1		2
9218		KAND	11	09	0750	N19	W65	11	4.4			HS		1	3	3
9218		SVTO	11	09	0930	N19	W65	11	4.4		A	HAX	120	1	4	2
9218		RAMY	11	09	1130	N24	W67	11	4.3		B	CSO	100	3	3	3
9218		HOLL	11	09	1437	N18	W67	11	4.5		A	HAX	140	1	2	3
9218		VORO	11	09	2316	N19	W70	11	4.6			HAX	148	1		2
9218		LEAR	11	10	0037	N20	W70	11	4.7		A	HAX	120	1	1	3
9218		TACH	11	10	0548	N18	W73	11	4.7			HSX	70	1	1	4
9218		KAND	11	10	0655	N19	W77	11	4.4			HS		1	2	4
9218		SVTO	11	10	1100	N18	W79	11	4.4		A	HSX	60	1	2	2
9218		RAMY	11	10	1218	N24	W77	11	4.6		A	HSX	60	1	2	3
9218		HOLL	11	10	1440	N22	W78	11	4.6		A	HAX	120	1	2	3
9218		LEAR	11	11	0035	N21	W85	11	4.5		A	HAX	30	1	5	2
9219		RAMY	10	31	1220	N02	E84	11	6.8		A	HAX	50	1	3	3
9219	30144	MWIL	10	31	1515	N06	E86	11	7.1	5	AP					
9219		HOLL	10	31	1523	N08	E79	11	6.6		A	AXX	30	1	1	3
9219		VORO	10	31	2303	N07	E79	11	6.9			HAX	100	1		2
9219		LEAR	11	01	0155	N05	E75	11	6.7		A	HSX	120	11	1	2
9219		TACH	11	01	0620	N08	E76	11	7.0			HSX	110	1	2	2
9219		KAND	11	01	0820	N07	E76	11	7.0			HS		1	2	4
9219		SVTO	11	01	1015	N07	E74	11	7.0		A	HSX	120	1	2	3
9219		RAMY	11	01	1405	N03	E70	11	6.8		A	HSX	80	1	1	2
9219		RAMY	11	01	1405	N06	E69	11	6.7		A	AXX	10	1	1	2
9219		HOLL	11	01	1500	N06	E69	11	6.8		A	HSX	130	1	2	3
9219	30144	MWIL	11	01	1500	N07	E72	11	7.0	5	BP					
9219		VORO	11	01	2258	N07	E67	11	7.0			HSX	304	2		2
9219		LEAR	11	02	0330	N05	E64	11	6.9		A	HSX	100	1	2	3
9219		TACH	11	02	0606	N08	E60	11	6.7			HSX	90	1	1	3
9219		SVTO	11	02	0650	N08	E61	11	6.8		A	HSX	160	1	4	3
9219		KAND	11	02	0740	N08	E61	11	6.9			HS		1	2	3
9219		RAMY	11	02	1211	N03	E57	11	6.8		A	HSX	110	1	2	3
9219	30144	MWIL	11	02	1500	N06	E57	11	6.9	5	(AP)					
9219		HOLL	11	02	1524	N07	E59	11	7.1		A	HSX	110	1	2	4
9219		VORO	11	02	2255	N08	E57	11	7.2			DSI	305	2	8	3
9219		LEAR	11	03	0145	N06	E51	11	6.9		A	HSX	150	1	3	3
9219		TACH	11	03	0441	N08	E48	11	6.8			HSX	120	1	2	3
9219		KAND	11	03	0900	N07	E47	11	6.9			HS		1	3	3
9219		RAMY	11	03	1255	N04	E44	11	6.8		A	HSX	140	1	2	3
9219		SVTO	11	03	1410	N07	E43	11	6.8		A	HSX	130	1	3	2
9219	30144	MWIL	11	03	1530	N06	E43	11	6.9	5	(AP)					
9219		LEAR	11	04	0050	N06	E38	11	6.9		A	HSX	130	1	3	3
9219		KAND	11	04	0830	N07	E33	11	6.8			HS		1	2	4
9219	30144	MWIL	11	04	1500	N06	E29	11	6.8	5	(AP)					
9219		VORO	11	04	2339	N06	E25	11	6.8			HAX	214	1		2
9219		LEAR	11	05	0056	N06	E23	11	6.8		A	HSX	140	1	3	2
9219		TACH	11	05	0836	N07	E19	11	6.8			HSX	250	1	2	4
9219		KAND	11	05	0930	N06	E19	11	6.8			HS		1	2	3
9219		SVTO	11	05	1000	N06	E19	11	6.8		A	HSX	100	1	3	2
9219		RAMY	11	05	1240	N05	E17	11	6.8		A	HSX	100	1	2	3
9219	30144	MWIL	11	05	1515	N06	E16	11	6.8	5	(AP)					
9219		HOLL	11	05	1528	N07	E17	11	6.9		A	HSX	100	1	2	3
9219		LEAR	11	06	0105	N06	E11	11	6.9		A	HSX	100	3	2	3
9219		SVTO	11	06	0825	N06	E06	11	6.8		A	HSX	150	1	2	3
9219		RAMY	11	06	1445	N06	E03	11	6.8		A	HSX	100	1	2	3
9219	30144	MWIL	11	06	1515	N06	E03	11	6.8	5	(AP)					
9219		VORO	11	06	2317	N05	W02	11	6.8			HAX	251	5	3	1
9219		LEAR	11	07	0055	N07	W03	11	6.8		A	HSX	100	3	2	2
9219		KAND	11	07	0715	N06	W06	11	6.8			HS		1	2	3
9219		SVTO	11	07	0735	N07	W06	11	6.9		A	HSX	200	1	3	2
9219	30144	MWIL	11	07	1545	N06	W10	11	6.9	4	(AP)					
9219		VORO	11	07	2353	N05	W15	11	6.9			HHX	222	1		2
9219		LEAR	11	08	0110	N06	W16	11	6.8		A	HSX	150	2	3	3
9219		KAND	11	08	0725	N05	W20	11	6.8			HS		1	2	4
9219		SVTO	11	08	0815	N05	W20	11	6.8		A	HSX	200	1	3	3

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

NOVEMBER 2000

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
9219	30144	MWIL	11	08	1545	N05	W24	11	6.9	5	(AP)					
9219		HOLL	11	08	1625	N05	W25	11	6.8		A	HAX	100	1	2	2
9219		LEAR	11	09	0114	N05	W31	11	6.7		A	HSX	110	1	2	3
9219		TACH	11	09	0436	N05	W31	11	6.9			HSX	200	1	2	4
9219		VORO	11	09	0458	N05	W32	11	6.8			HSX	177	1		2
9219		KAND	11	09	0750	N05	W34	11	6.8			HS		1	2	3
9219		SVTO	11	09	0930	N05	W35	11	6.8		A	HSX	120	1	4	2
9219		RAMY	11	09	1130	N08	W37	11	6.7		A	HSX	100	1	2	3
9219		HOLL	11	09	1437	N05	W37	11	6.8		A	HSX	130	1	2	3
9219		VORO	11	09	2316	N05	W42	11	6.8			HAX	215	1		2
9219		LEAR	11	10	0037	N07	W43	11	6.8		A	HSX	130	1	1	3
9219		TACH	11	10	0548	N04	W45	11	6.9			HSX	140	1	1	4
9219		KAND	11	10	0655	N05	W47	11	6.8			HS		1	2	4
9219		SVTO	11	10	1100	N05	W51	11	6.6		A	HSX	150	1	3	2
9219		RAMY	11	10	1218	N08	W49	11	6.8		A	HSX	120	1	2	3
9219		HOLL	11	10	1440	N07	W50	11	6.9		A	HSX	140	1	2	3
9219		VORO	11	10	2334	N05	W56	11	6.8			HAX	193	1		2
9219		LEAR	11	11	0035	N06	W56	11	6.8		A	HSX	110	1	3	2
9219		SVTO	11	11	0740	N04	W59	11	6.9		A	HSX	140	1	3	3
9219		KAND	11	11	0855	N04	W61	11	6.8			HA		2	2	1
9219		RAMY	11	11	1220	N09	W62	11	6.9		A	HSX	90	1	2	3
9219	30144	MWIL	11	11	1600	N05	W65	11	6.8	4	(AP)					
9219		VORO	11	11	2350	N05	W69	11	6.8			HAX	162	1		2
9219		LEAR	11	12	0005	N07	W70	11	6.7		A	HSX	90	1	2	3
9219		SVTO	11	12	0700	N04	W70	11	7.0		A	HSX	80	1	3	2
9219		KAND	11	12	0925	N04	W76	11	6.7			HS		1	3	3
9219		RAMY	11	12	1230	N09	W75	11	6.9		A	HSX	60	1	2	3
9219		VORO	11	12	2254	N05	W79	11	7.0			HRX	87	1		3
9219		LEAR	11	13	0050	N07	W81	11	7.0		A	HSX	50	1	2	3
9225		KAND	11	07	0715	S19	W07	11	6.8			DSO		2	3	3
9225		SVTO	11	07	0735	S19	W07	11	6.8		B	DSO	20	2	2	2
9225	30153	MWIL	11	07	1545	S20	W12	11	6.7	4	(BF)					
9225		LEAR	11	08	0110	S18	W18	11	6.7		B	DSO	40	7	4	3
9225		KAND	11	08	0725	S20	W20	11	6.8			BXO		8	4	4
9225		SVTO	11	08	0815	S20	W24	11	6.5		B	DAI	60	9	6	3
9225	30153	MWIL	11	08	1545	S20	W25	11	6.7	4	(B)					
9225		HOLL	11	08	1625	S21	W25	11	6.8		B	CSO	20	6	5	2
9225		LEAR	11	09	0114	S21	W32	11	6.6		B	CRO	10	4	4	3
9225		TACH	11	09	0436	S20	W31	11	6.8			BRO	8	3	3	4
9225		VORO	11	09	0458	S21	W33	11	6.7			BXO	33	3	4	2
9225		KAND	11	09	0750	S21	W35	11	6.6			BXO		3	4	3
9225		SVTO	11	09	0930	S22	W37	11	6.5		B	DRO	30	3	5	2
9225		RAMY	11	09	1130	S18	W39	11	6.5		B	BXO	40	3	4	3
9225		HOLL	11	09	1437	S22	W38	11	6.7		B	BXO	100	3	4	3
9225		VORO	11	09	2316	S22	W44	11	6.6			BXO	12	2	3	2
9225		LEAR	11	10	0037	S20	W35	11	7.3		B	B X	10	3	4	3
9225		TACH	11	10	0548	S22	W37	11	7.4			BRO	12	3	4	4
9225		KAND	11	10	0655	S22	W40	11	7.2			CRO		4	5	4
9225		SVTO	11	10	1100	S22	W42	11	7.2		B	DAO	60	9	7	2
9225		RAMY	11	10	1218	S18	W42	11	7.3		B	BXO	10	7	5	3
9225		HOLL	11	10	1440	S19	W44	11	7.2		B	CAO	40	5	5	3
9225		VORO	11	10	2334	S21	W52	11	7.0			BXO	22	2	3	2
9225		LEAR	11	11	0035	S20	W48	11	7.3		B	CAO	20	5	5	2
9225		SVTO	11	11	0740	S22	W51	11	7.4		B	CSO	50	7	9	3
9225		RAMY	11	11	1220	S18	W55	11	7.3		B	CSO	30	7	8	3
9225	30153	MWIL	11	11	1600	S20	W61	11	7.0	3	(AP)					
9225		VORO	11	11	2350	S21	W65	11	7.0			HAX	29	1		2
9225		LEAR	11	12	0005	S19	W67	11	6.9		A	HAX	20	2	1	3
9225		SVTO	11	12	0700	S22	W67	11	7.1		A	HSX	20	1	1	2
9225		KAND	11	12	0925	S22	W74	11	6.7			HA		1	2	3
9225		RAMY	11	12	1230	S18	W71	11	7.1		B	CSO	30	2	1	3
9220		HOLL	11	01	1500	N09	E79	11	7.5		A	AXX	10	1	1	3
9220		LEAR	11	02	0330	N09	E72	11	7.5		A	AXX	10	1	1	3
9220		SVTO	11	02	0650	N10	E70	11	7.5		A	HSX		1		3
9220		KAND	11	02	0740	N11	E69	11	7.5			AX		1	1	3
9220		RAMY	11	02	1211	N06	E65	11	7.4		A	AXX	90	4	1	3
9220	30147	MWIL	11	02	1500	N09	E65	11	7.5	4	(AP)					

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

NOVEMBER 2000

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
9220		HOLL	11	02	1524	N09	E68	11	7.7		A	AXX	10	1	1	4
9220		LEAR	11	03	0145	N09	E58	11	7.4		A	AXX	10	1		3
9220		TACH	11	03	0441	N09	E58	11	7.5			BRO	8	2	4	3
9220		KAND	11	03	0900	N11	E55	11	7.5			AX		1		3
9220		RAMY	11	03	1255	N05	E55	11	7.6		B	CRO	20	6	11	3
9220		SVTO	11	03	1410	N10	E51	11	7.4		A	HSX		1		2
9220	30147	MWIL	11	03	1530	N10	E51	11	7.5	3	(AP)					
9220		LEAR	11	04	0050	N06	E49	11	7.7		B	CRO	30	7	8	3
9220		KAND	11	04	0830	N10	E41	11	7.4			HR		1		4
9220	30147	MWIL	11	04	1500	N10	E36	11	7.3	4	(AP)					
9220		LEAR	11	05	0056	N08	E34	11	7.6		B	DSO	40	5	7	2
9220		TACH	11	05	0836	N07	E32	11	7.7			BRO	6	2	6	4
9220		KAND	11	05	0930	N11	E27	11	7.4			AX		2	1	3
9220		SVTO	11	05	1000	N08	E31	11	7.7		B	CRO	20	5	9	2
9220		RAMY	11	05	1240	N04	E29	11	7.7		B	CSO	20	7	7	3
9220	30147	MWIL	11	05	1515	N10	E24	11	7.4	4	(AP)					
9220		HOLL	11	05	1528	N07	E27	11	7.7		A	AXX	20	3	9	3
9220		LEAR	11	06	0105	N08	E22	11	7.7		B	BXO	20	3	8	3
9220		SVTO	11	06	0825	N08	E17	11	7.6		B	BXO	10	5	9	3
9220		RAMY	11	06	1445	N09	E11	11	7.4		A	AXX	10	1	1	3
9220	30147	MWIL	11	06	1515	N10	E11	11	7.5	3	(AP)					
9220	30154	MWIL	11	07	1545	N11	E02	11	7.8	4	(BP)					
9220		VORO	11	07	2353	N12	W02	11	7.8			BXO	28	2	3	2
9220		LEAR	11	08	0110	N12	W02	11	7.9		B	DSO	40	9	5	3
9220		KAND	11	08	0725	N11	W07	11	7.8			DSO		5	4	4
9220		SVTO	11	08	0815	N14	W07	11	7.8		B	DAO	30	6	6	3
9220	30154	MWIL	11	08	1545	N12	W11	11	7.8	5	(B)					
9220		HOLL	11	08	1625	N12	W12	11	7.8		B	DAO	40	6	5	2
9220		LEAR	11	09	0114	N12	W17	11	7.8		B	DSO	20	10	5	3
9220		TACH	11	09	0436	N12	W18	11	7.8			BRO	25	5	3	4
9220		VORO	11	09	0458	N12	W19	11	7.8			CAO	43	3	4	2
9220		KAND	11	09	0750	N11	W21	11	7.7			DRO		11	6	3
9220		SVTO	11	09	0930	N12	W22	11	7.7		B	DAO	40	6	6	2
9220		RAMY	11	09	1130	N14	W24	11	7.7		B	DSO	70	17	7	3
9220		HOLL	11	09	1437	N12	W24	11	7.8		B	DAO	70	12	6	3
9220		VORO	11	09	2316	N12	W29	11	7.8			CAO	35	4	5	2
9220		LEAR	11	10	0037	N13	W30	11	7.8		B	CAO	30	8	6	3
9220		TACH	11	10	0548	N09	W33	11	7.8			BRO	28	5	5	4
9220		KAND	11	10	0655	N11	W34	11	7.7			CSO		4	6	4
9220		SVTO	11	10	1100	N11	W39	11	7.5		B	CAO	10	2	3	2
9220		RAMY	11	10	1218	N11	W36	11	7.8		B	BXO	30	15	12	3
9220		HOLL	11	10	1440	N13	W40	11	7.6		A	AXX	10	2	1	3
9220		VORO	11	10	2334	N10	W44	11	7.7			CAO	24	2	4	2
9220		LEAR	11	11	0035	N12	W47	11	7.5		A	HAX	20	4	1	2
9220		SVTO	11	11	0740	N09	W50	11	7.6		B	BXO	10	2	1	3
9220		KAND	11	11	0855	N11	W51	11	7.5			AX		2	1	1
9220		RAMY	11	11	1220	N14	W51	11	7.6		B	BXO	10	2	1	3
9220	30154	MWIL	11	11	1600	N11	W56	11	7.4	3	(AP)					
9220		LEAR	11	12	0005	N13	W60	11	7.5		A	AXX		1		3
9220		SVTO	11	12	0700	N10	W64	11	7.5		A	AXX		1		2
9220		RAMY	11	12	1230	N15	W66	11	7.5		A	AXX	10	1	1	3
9230		KAND	11	03	0900	N06	E60	11	7.9			BXO		3	3	3
9230	30148	MWIL	11	03	1530	N05	E56	11	7.8	4	(BP)					
9230		KAND	11	04	0830	N06	E46	11	7.8			BXO		6	5	4
9230	30148	MWIL	11	04	1500	N06	E42	11	7.8	4	(B)					
9230		KAND	11	05	0930	N07	E32	11	7.8			BXO		3	6	3
9230	30148	MWIL	11	05	1515	N06	E29	11	7.8	4	(B)					
9230		LEAR	11	10	0037	N06	W26	11	8.1		B	B X		3	3	3
9230		KAND	11	10	0655	N04	W31	11	8.0			CSO		2	3	4
9230		SVTO	11	10	1100	N05	W34	11	7.9		B	DAO	30	3	5	2
9230		HOLL	11	10	1440	N05	W35	11	8.0		B	BXO	10	4	3	3
9230		LEAR	11	11	0035	N05	W40	11	8.0		B	BXO	10	5	4	2
9230		RAMY	11	11	1220	N08	W47	11	8.0		B	BXO	10	3	3	3
9221		KAND	11	04	0830	S13	E83	11	10.6			BSO		2	4	4
9221	30150	MWIL	11	04	1500	S14	E78	11	10.5	4	AF					
9221		LEAR	11	05	0056	S15	E70	11	10.3		B	DSO	240	3	4	2
9221		TACH	11	05	0836	S09	E66	11	10.3			CRO	109	3	2	4

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

NOVEMBER 2000

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
9221		KAND	11	05	0930	S13	E67	11	10.4			HA		2	2	3
9221		SVTO	11	05	1000	S13	E67	11	10.5		B	DSO	100	2	4	2
9221		RAMY	11	05	1240	S18	E64	11	10.4		B	DAO	100	6	9	3
9221	30150	MWIL	11	05	1515	S14	E62	11	10.3	4	(AF)					
9221		HOLL	11	05	1528	S12	E61	11	10.2		B	CSO	60	2	2	3
9221		LEAR	11	06	0105	S13	E58	11	10.4		B	DSO	60	5	5	3
9221		SVTO	11	06	0825	S12	E55	11	10.5		B	DAO	200	11	7	3
9221		RAMY	11	06	1445	S16	E49	11	10.3		B	DAO	110	16	6	3
9221	30150	MWIL	11	06	1515	S12	E52	11	10.5	4	(B)					
9221		VORO	11	06	2317	S13	E46	11	10.4			DAI	473	10	7	1
9221		LEAR	11	07	0055	S12	E43	11	10.3		B	DSO	100	5	6	2
9221		KAND	11	07	0715	S12	E42	11	10.5			DAO		12	6	3
9221		SVTO	11	07	0735	S12	E42	11	10.5		B	DAI	120	9	8	2
9221	30150	MWIL	11	07	1545	S12	E38	11	10.5	4	(B)					
9221		VORO	11	07	2353	S12	E34	11	10.5			DAI	121	3	5	2
9221		LEAR	11	08	0110	S12	E32	11	10.4		B	DAO	120	14	7	3
9221		KAND	11	08	0725	S12	E29	11	10.5			DAO		7	7	4
9221		SVTO	11	08	0815	S12	E27	11	10.4		B	DSO	60	7	8	3
9221	30150	MWIL	11	08	1545	S11	E25	11	10.5	5	(BP)					
9221		HOLL	11	08	1625	S12	E24	11	10.5		B	DAO	90	11	8	2
9221		LEAR	11	09	0114	S13	E20	11	10.6		B	CAO	40	9	7	3
9221		TACH	11	09	0436	S12	E18	11	10.5			CAI	118	8	5	4
9221		VORO	11	09	0458	S12	E18	11	10.6			CAI	115	4	5	2
9221		KAND	11	09	0750	S13	E15	11	10.4			CAO		5	5	3
9221		SVTO	11	09	0930	S14	E15	11	10.5		B	DSO	90	10	8	2
9221		RAMY	11	09	1130	S15	E08	11	10.1		B	DSO	100	4	3	3
9221		HOLL	11	09	1437	S13	E10	11	10.4		B	CAO	100	8	3	3
9221		VORO	11	09	2316	S14	E05	11	10.3			HAX	134	5		2
9221		LEAR	11	10	0037	S12	E04	11	10.3		B	CAO	120	4	2	3
9221		TACH	11	10	0548	S12	E01	11	10.3			AXX	90	3	2	4
9221		KAND	11	10	0655	S12	E01	11	10.4			HS		6	3	4
9221		SVTO	11	10	1100	S13	W02	11	10.3		B	DAO	50	6	4	2
9221		RAMY	11	10	1218	S12	W02	11	10.4		B	CAO	90	11	6	3
9221		HOLL	11	10	1440	S13	W04	11	10.3		B	CAO	100	4	3	3
9221		VORO	11	10	2334	S13	W08	11	10.4			HAX	126	3		2
9221		LEAR	11	11	0035	S12	W09	11	10.3		B	CAO	80	6	3	2
9221		SVTO	11	11	0740	S12	W10	11	10.6		B	CAO	110	10	9	3
9221		KAND	11	11	0855	S13	W12	11	10.5			HA		5	2	1
9221		RAMY	11	11	1220	S12	W16	11	10.3		B	DAO	60	6	4	3
9221	30150	MWIL	11	11	1600	S12	W17	11	10.4	4	(AF)					
9221		VORO	11	11	2350	S13	W21	11	10.4			HAX	129	3		2
9221		LEAR	11	12	0005	S12	W23	11	10.3		B	CAO	70	6	4	3
9221		SVTO	11	12	0700	S13	W24	11	10.5		B	DAO	70	3	3	2
9221		KAND	11	12	0925	S12	W27	11	10.3			HA		3	2	3
9221		RAMY	11	12	1230	S11	W29	11	10.3		B	DAO	50	3	2	3
9221		VORO	11	12	2254	S12	W34	11	10.4			HAX	119	3		3
9221		LEAR	11	13	0050	S12	W36	11	10.3		B	CAO	80	3	2	3
9221		TACH	11	13	0505	S12	W36	11	10.5			HSX	65	3	1	3
9221		KAND	11	13	0820	S12	W38	11	10.5			HA		4	2	4
9221		SVTO	11	13	0832	S13	W38	11	10.5		B	CSO	50	3	2	3
9221		RAMY	11	13	1215	S09	W42	11	10.3		B	CSO	50	3	2	4
9221		HOLL	11	13	1458	S12	W43	11	10.4		A	HAX	70	3	2	3
9221	30150	MWIL	11	13	1545	S12	W43	11	10.4	5	(AF)					
9221		VORO	11	13	2313	S12	W47	11	10.4			HRX	55	2		3
9221		LEAR	11	14	0040	S11	W49	11	10.3		B	CSO	30	3	2	3
9221		TACH	11	14	0600	S12	W50	11	10.5			HSX	75	2	1	3
9221		KAND	11	14	0920	S13	W54	11	10.3			HS		2	3	2
9221		SVTO	11	14	1118	S14	W54	11	10.4		B	CSO	40	3	1	2
9221		HOLL	11	14	1527	S13	W58	11	10.3		A	HAX	40	2	2	3
9221	30150	MWIL	11	14	1545	S12	W56	11	10.4	5	(AF)					
9221		VORO	11	14	2313	S12	W61	11	10.4			HRX	44	1		3
9221		LEAR	11	15	0020	S12	W62	11	10.3		B	CSO	40	3	3	3
9221		KAND	11	15	0910	S13	W67	11	10.3			AX		2	1	3
9221		SVTO	11	15	1130	S12	W68	11	10.3		A	HRX	20	1	1	2
9221		RAMY	11	15	1320	S08	W69	11	10.4		A	AXX		2		3
9221	30150	MWIL	11	15	1500	S11	W69	11	10.4	3	(AF)					
9221		HOLL	11	15	1558	S13	W70	11	10.4		A	AXX	10	1	1	2
9223		KAND	11	05	0930	S16	E85	11	11.8			HS		1	2	3

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

NOVEMBER 2000

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
9223		SVTO	11	05	1000	S16	E80	11	11.5		A	HSX	30	1	1	2
9223		RAMY	11	05	1240	S22	E79	11	11.6		A	HSX	60	1	1	3
9223	30151	MWIL	11	05	1515	S17	E76	11	11.4	4	AP					
9223		HOLL	11	05	1528	S17	E72	11	11.1		A	AXX	30	1	1	3
9223		LEAR	11	06	0105	S17	E70	11	11.4		A	HSX	40	1	2	3
9223		SVTO	11	06	0825	S16	E67	11	11.4		A	HSX	50	2	2	3
9223		RAMY	11	06	1445	S21	E63	11	11.4		A	HSX	80	2	2	3
9223	30151	MWIL	11	06	1515	S17	E62	11	11.3	4	(AP)					
9223		VORO	11	06	2317	S17	E58	11	11.4			DAO	79	2	2	1
9223		LEAR	11	07	0055	S16	E55	11	11.2		A	HSX	40	1	2	2
9223		KAND	11	07	0715	S16	E58	11	11.7			CSO		3	11	3
9223		SVTO	11	07	0735	S16	E56	11	11.6		B	CAO	80	2	4	2
9223	30151	MWIL	11	07	1545	S16	E49	11	11.4	4	(AP)					
9223		VORO	11	07	2353	S16	E45	11	11.4			HAX	103	1		2
9223		LEAR	11	08	0110	S16	E44	11	11.4		B	CAO	60	3	4	3
9223		KAND	11	08	0725	S16	E42	11	11.5			CAO		3	6	4
9223		SVTO	11	08	0815	S16	E41	11	11.4		B	CSO	90	2	4	3
9223	30151	MWIL	11	08	1545	S15	E37	11	11.4	5	(AP)					
9223		HOLL	11	08	1625	S16	E37	11	11.5		A	HAX	100	1	3	2
9223		LEAR	11	09	0114	S17	E31	11	11.4		A	HSX	70	1	2	3
9223		TACH	11	09	0436	S14	E29	11	11.4			HSX	205	1	2	4
9223		VORO	11	09	0458	S16	E29	11	11.4			HSX	139	1		2
9223		KAND	11	09	0750	S16	E27	11	11.4			HS		1	2	3
9223		SVTO	11	09	0930	S17	E27	11	11.4		B	CSO	70	2	4	2
9223		RAMY	11	09	1130	S21	E26	11	11.5		B	CSO	100	7	11	3
9223		HOLL	11	09	1437	S16	E24	11	11.4		A	HSX	80	2	3	3
9223		VORO	11	09	2316	S16	E19	11	11.4			HSX	115	1		2
9223		LEAR	11	10	0037	S16	E18	11	11.4		A	HSX	90	1	2	3
9223		TACH	11	10	0548	S15	E15	11	11.4			HSX	50	1	1	4
9223		KAND	11	10	0655	S16	E15	11	11.4			CSO		2	5	4
9223		SVTO	11	10	1100	S16	E12	11	11.4		A	HSX	100	1	3	2
9223		RAMY	11	10	1218	S17	E10	11	11.3		A	HSX	100	1	2	3
9223		HOLL	11	10	1440	S17	E09	11	11.3		A	HSX	90	1	2	3
9223		VORO	11	10	2334	S17	E06	11	11.4			HAX	141	1		2
9223		LEAR	11	11	0035	S16	E05	11	11.4		A	HSX	80	1	2	2
9223		SVTO	11	11	0740	S16	E03	11	11.5		B	CAO	110	4	5	3
9223		KAND	11	11	0855	S16	E01	11	11.4			HA		3	2	1
9223		RAMY	11	11	1220	S16	W03	11	11.3		A	HSX	60	1	2	3
9223	30151	MWIL	11	11	1600	S16	W04	11	11.4	5	(AP)					
9223		VORO	11	11	2350	S17	W08	11	11.4			HAX	109	1		2
9223		LEAR	11	12	0005	S16	W07	11	11.5		B	CAO	80	4	5	3
9223		SVTO	11	12	0700	S16	W11	11	11.4		B	CAO	60	4	3	2
9223		KAND	11	12	0925	S16	W14	11	11.3			HA		3	2	3
9223		RAMY	11	12	1230	S15	W16	11	11.3		B	CAO	60	5	3	3
9223		VORO	11	12	2254	S16	W21	11	11.4			HAX	110	2		3
9223		LEAR	11	13	0050	S16	W22	11	11.4		B	CAO	60	4	2	3
9223		TACH	11	13	0505	S16	W24	11	11.4			HA	80	2	2	3
9223		KAND	11	13	0820	S16	W25	11	11.4			HA		2	2	4
9223		SVTO	11	13	0832	S17	W26	11	11.4		B	CSO	20	2	2	3
9223		RAMY	11	13	1215	S13	W30	11	11.2		B	CSO	30	3	3	4
9223		HOLL	11	13	1458	S16	W29	11	11.4		A	HAX	60	6	2	3
9223	30151	MWIL	11	13	1545	S16	W30	11	11.4	4	(AP)					
9223		VORO	11	13	2313	S17	W35	11	11.3			HRX	91	4		3
9223		LEAR	11	14	0040	S15	W35	11	11.4		B	CSO	70	7	3	3
9223		TACH	11	14	0600	S15	W37	11	11.4			AXX	46	4	1	3
9223		KAND	11	14	0920	S17	W40	11	11.3			HA		4	2	2
9223		SVTO	11	14	1118	S16	W41	11	11.4		B	DSO	50	4	3	2
9223		RAMY	11	14	1210	S12	W42	11	11.3		B	DSO	50	4	4	4
9223		HOLL	11	14	1527	S16	W43	11	11.4		B	CAO	30	3	4	3
9223	30151	MWIL	11	14	1545	S15	W43	11	11.4	4	(BP)					
9223		VORO	11	14	2313	S16	W48	11	11.3			HRX	55	2		3
9223		LEAR	11	15	0020	S15	W47	11	11.4		B	DSO	30	8	5	3
9223		SVTO	11	15	1130	S16	W55	11	11.3		B	CAO	30	3	2	2
9223		RAMY	11	15	1320	S11	W57	11	11.3		A	AXX	10	3	2	3
9223	30151	MWIL	11	15	1500	S15	W58	11	11.2	4	(AP)					
9223		HOLL	11	15	1558	S16	W57	11	11.3		A	HSX	40	2	2	2
9223		VORO	11	15	2313	S16	W62	11	11.3			AXX	20	1		3
9223		SVTO	11	16	1220	S16	W71	11	11.1		A	HRX	20	1	1	2
9223		HOLL	11	16	1459	S16	W71	11	11.2		A	AXX	10	1	1	3

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

NOVEMBER 2000

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
9223	30151	MWIL	11	16	1545	S15	W71	11	11.3	4	(AP)					
9223		LEAR	11	17	0107	S15	W77	11	11.2		A	HRX	10	1		4
9228		SVTO	11	08	0815	N22	E48	11	12.0		A	AXX		1		3
9228	30155	MWIL	11	08	1545	N22	E46	11	12.2	4	(BP)					
9228		HOLL	11	08	1625	N22	E47	11	12.3		A	AXX		3	2	2
9228		VORO	11	08	2353	N21	E41	11	12.1			AXX	14	1		2
9228		KAND	11	09	0750	N23	E39	11	12.3			BXO		4	4	3
9228		SVTO	11	09	0930	N21	E37	11	12.2		A	BXO	10	2	4	2
9228		RAMY	11	09	1130	N18	E35	11	12.1		B	BXO	10	5	5	3
9228		HOLL	11	09	1437	N21	E34	11	12.2		B	BXO	10	4	4	3
9228		LEAR	11	10	0037	N20	E30	11	12.3		A	ARX		1	1	3
9228		TACH	11	10	0548	N23	E26	11	12.2			AXX	5	1	1	4
9228		KAND	11	10	0655	N22	E27	11	12.4			AX		2	1	4
9228		SVTO	11	10	1100	N22	E23	11	12.2		A	AXX		1		2
9228		RAMY	11	10	1218	N18	E24	11	12.3		A	AXX		3	2	3
9228		LEAR	11	11	0035	N20	E17	11	12.3		A	AXX		1		2
9228		RAMY	11	11	1220	N20	E08	11	12.1		A	AXX	10	1	1	3
9228	30155	MWIL	11	11	1600	N20	W00	11	11.7	4	(AP)					
9228		LEAR	11	12	0005	N20	W03	11	11.8		A	AXX		1		3
9228		TACH	11	14	0600	N22	W33	11	11.7			AXX	13	2	1	3
9228		KAND	11	14	0920	N20	W36	11	11.6			CRO		2	2	2
9228		RAMY	11	14	1210	N24	W36	11	11.7		B	BXO	10	3	2	4
9228		HOLL	11	14	1527	N21	W39	11	11.6		A	AXX	10	4	3	3
9228	30160	MWIL	11	14	1545	N21	W38	11	11.7	4	(B)					
9228		VORO	11	14	2313	N20	W41	11	11.8			AXX	21	1		3
9228		LEAR	11	15	0020	N21	W43	11	11.7		B	CSO	30	6	5	3
9228		SVTO	11	15	1130	N21	W48	11	11.8		B	CRO	20	2	2	2
9228	30160	MWIL	11	15	1500	N21	W51	11	11.7	3	(B)					
9228		VORO	11	15	2313	N21	W53	11	11.9			AXX	2	1		3
9227		KAND	11	07	0715	S12	E77	11	13.1			HS		1	2	3
9227		SVTO	11	07	0735	S12	E75	11	13.0		A	HSX		1		2
9227		VORO	11	07	2353	S11	E63	11	12.7			HAX	43	1		2
9227		LEAR	11	08	0110	S12	E65	11	12.9		B	DSO	140	6	9	3
9227		KAND	11	08	0725	S11	E66	11	13.3			CSO		7	8	4
9227		SVTO	11	08	0815	S13	E60	11	12.9		B	DAO	60	8	6	3
9227	30156	MWIL	11	08	1545	S11	E55	11	12.8	4	(BP)					
9227		HOLL	11	08	1625	S13	E56	11	12.9		B	DAO	110	7	9	2
9227		LEAR	11	09	0114	S13	E51	11	12.9		B	DSO	80	8	9	3
9227		TACH	11	09	0436	S10	E48	11	12.8			DAI	222	8	6	4
9227		VORO	11	09	0458	S12	E48	11	12.8			DAI	248	5	6	2
9227		KAND	11	09	0750	S11	E47	11	12.9			ESO		16	11	3
9227		SVTO	11	09	0930	S13	E46	11	12.9		B	EAO	130	14	11	2
9227		RAMY	11	09	1130	S15	E43	11	12.7		B	DAO	130	28	9	3
9227		HOLL	11	09	1437	S12	E43	11	12.8		B	EAO	130	15	11	3
9227		VORO	11	09	2316	S12	E38	11	12.8			DAI	164	5	9	2
9227		LEAR	11	10	0037	S13	E37	11	12.8		B	DAO	240	12	10	3
9227		TACH	11	10	0548	S10	E36	11	12.9			CAO	158	4	8	4
9227		KAND	11	10	0655	S11	E34	11	12.8			EAO		9	12	4
9227		SVTO	11	10	1100	S11	E32	11	12.9		B	EAO	120	9	14	2
9227		RAMY	11	10	1218	S14	E30	11	12.8		B	ESO	160	12	12	3
9227		HOLL	11	10	1440	S13	E29	11	12.8		B	EAO	170	7	11	3
9227		VORO	11	10	2334	S12	E25	11	12.9			CAI	235	5	10	2
9227		LEAR	11	11	0035	S12	E24	11	12.8		B	EAO	140	9	12	2
9227		SVTO	11	11	0740	S11	E22	11	13.0		B	EAO	130	13	14	3
9227		KAND	11	11	0855	S12	E19	11	12.8			ESO		13	12	1
9227		RAMY	11	11	1220	S13	E17	11	12.8		B	ESO	110	13	13	3
9227	30156	MWIL	11	11	1600	S12	E15	11	12.8	5	(B)					
9227		VORO	11	11	2350	S12	E12	11	12.9			DAI	234	6	11	2
9227		LEAR	11	12	0005	S11	E11	11	12.8		B	EAO	160	18	12	3
9227		SVTO	11	12	0700	S11	E08	11	12.9		B	EAO	220	11	13	2
9227		KAND	11	12	0925	S10	E05	11	12.8			ESO		8	12	3
9227		RAMY	11	12	1230	S12	E03	11	12.7		B	ESO	180	12	13	3
9227		VORO	11	12	2254	S12	W01	11	12.9			EAI	342	6	11	3
9227		LEAR	11	13	0050	S11	W02	11	12.9		B	EAO	140	8	12	3
9227		TACH	11	13	0505	S11	W04	11	12.9			CAI	408	5	11	3
9227		KAND	11	13	0820	S10	W06	11	12.9			EAO		23	13	4
9227		SVTO	11	13	0832	S11	W06	11	12.9		B	EAO	180	8	14	3

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

NOVEMBER 2000

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
9227		RAMY	11	13	1215	S11	W12	11	12.6		B	EAI	220	21	14	4
9227		HOLL	11	13	1458	S12	W09	11	12.9		B	EKI	260	13	13	3
9227	30156	MWIL	11	13	1545	S11	W12	11	12.7	5	(BP)					
9227		VORO	11	13	2313	S12	W15	11	12.8			CKI	473	5	11	3
9227		LEAR	11	14	0040	S10	W15	11	12.9		B	EKO	180	12	12	3
9227		TACH	11	14	0600	S10	W17	11	13.0			CAI	425	8	11	3
9227		KAND	11	14	0920	S11	W20	11	12.9			EAO		7	13	2
9227		SVTO	11	14	1118	S12	W22	11	12.8		B	EAI	270	13	14	2
9227		RAMY	11	14	1210	S09	W24	11	12.7		B	EKO	300	19	12	4
9227		HOLL	11	14	1527	S12	W24	11	12.8		B	EKO	290	17	13	3
9227	30156	MWIL	11	14	1545	S11	W25	11	12.8	5	(BP)					
9227		VORO	11	14	2313	S12	W27	11	12.9			EKI	454	5	12	3
9227		LEAR	11	15	0020	S12	W27	11	13.0		BG	EKO	250	17	15	3
9227		KAND	11	15	0910	S10	W35	11	12.7			CAO		5	13	3
9227		SVTO	11	15	1130	S11	W34	11	12.9		B	EAO	250	9	14	2
9227		RAMY	11	15	1320	S08	W37	11	12.8		B	CKO	250	7	13	3
9227	30156	MWIL	11	15	1500	S11	W39	11	12.7	5	(BP)					
9227		HOLL	11	15	1558	S12	W37	11	12.9		B	CKO	290	6	13	2
9227		VORO	11	15	2313	S11	W41	11	12.9			CAO	281	3	12	3
9227		SVTO	11	16	1220	S09	W55	11	12.4		B	DAO	190	6	4	2
9227		HOLL	11	16	1459	S11	W56	11	12.4		A	HAX	200	5	3	3
9227	30156	MWIL	11	16	1545	S10	W55	11	12.5	5	(AP)					
9227		LEAR	11	17	0107	S10	W60	11	12.5		A	HAX	200	3	4	4
9227		VORO	11	17	0350	S11	W63	11	12.4			HAX	186	1		3
9227		SVTO	11	17	0738	S12	W64	11	12.5		B	CAO	130	2	2	2
9227		KAND	11	17	0855	S11	W68	11	12.2			HA		1	3	2
9227		RAMY	11	17	1250	S07	W67	11	12.5		B	CSO	130	5	2	3
9227	30156	MWIL	11	17	1545	S10	W68	11	12.5	4	(AP)					
9227		HOLL	11	17	1655	S11	W69	11	12.5		A	HAX	130	2	2	2
9227		LEAR	11	18	0005	S10	W73	11	12.5		A	HAX	120	2	4	3
9227		VORO	11	18	0040	S11	W74	11	12.5			HSX	131	1		4
9227		TACH	11	18	0538	S11	W76	11	12.5			HA	120	3	1	3
9227		SVTO	11	18	0900	S12	W79	11	12.4		B	CSO	60	3	3	3
9227		KAND	11	18	0945	S12	W78	11	12.5			HA		1	2	3
9227		RAMY	11	18	1235	S06	W80	11	12.5		B	CSO	120	2	2	3
9227	30156	MWIL	11	18	1545	S11	W81	11	12.6	4	AP					
9227A		LEAR	11	10	0037	N14	E67	11	15.1		A	ARX		1	1	3
9227A		SVTO	11	10	1100	N16	E63	11	15.2		A	AXX		1		2
9227A		RAMY	11	10	1218	N12	E62	11	15.2		A	AXX		1		3
9227A		HOLL	11	10	1440	N14	E61	11	15.2		A	AXX	10	2	2	3
9227A		LEAR	11	11	0035	N15	E53	11	15.0		B	BXO		2	7	2
9227A		SVTO	11	11	0740	N16	E52	11	15.3		A	AXX		1		3
9227A		RAMY	11	11	1220	N12	E49	11	15.2		A	AXX	10	1	1	3
9227A		HOLL	11	14	1527	N13	W03	11	14.4		A	AXX	10	3	1	3
9227A	30161	MWIL	11	14	1545	N13	W04	11	14.3	4	(AP)					
9227A	30162	MWIL	11	14	1545	N14	E04	11	14.9	3	(AP)					
9227A		SVTO	11	15	1130	N14	W12	11	14.6		A	AXX		1		2
9227B		RAMY	11	14	1210	N39	E01	11	14.6		BG	C	2030	20	27	2
9227D		KAND	11	10	0655	N06	E67	11	15.3			AX		1	1	4
9229		KAND	11	10	0655	N07	E85	11	16.6			HA		1	2	4
9229		SVTO	11	10	1100	N07	E76	11	16.1		A	HAX	20	2	2	2
9229		RAMY	11	10	1218	N02	E76	11	16.2		A	HSX	40	2	1	3
9229		HOLL	11	10	1440	N03	E76	11	16.3		A	HAX	150	2	2	3
9229		VORO	11	10	2334	N06	E71	11	16.3			HAX	135	1		2
9229		LEAR	11	11	0035	N05	E70	11	16.3		A	HAX	60	3	4	2
9229		SVTO	11	11	0740	N07	E67	11	16.3		A	HSX	90	2	2	3
9229		KAND	11	11	0855	N06	E67	11	16.4			HA		2	2	1
9229		RAMY	11	11	1220	N02	E62	11	16.1		A	HSX	80	2	2	3
9229	30157	MWIL	11	11	1600	N06	E62	11	16.3	4	(AP)					
9229		VORO	11	11	2350	N06	E58	11	16.3			HAX	117	2		2
9229		LEAR	11	12	0005	N06	E58	11	16.3		A	HAX	60	3	3	3
9229		SVTO	11	12	0700	N06	E54	11	16.3		A	HAX	60	2	3	2
9229		KAND	11	12	0925	N07	E53	11	16.4			HA		2	2	3
9229		RAMY	11	12	1230	N03	E49	11	16.2		A	HAX	50	2	2	3
9229		VORO	11	12	2254	N06	E45	11	16.3			HRX	70	2		3

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

NOVEMBER 2000

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
9229		LEAR	11	13	0050	N05	E44	11	16.3		A	HSX	50	3	2	3
9229		TACH	11	13	0505	N07	E41	11	16.3			HSX	60	2	1	3
9229		KAND	11	13	0820	N06	E39	11	16.3			CAO		6	6	4
9229		SVTO	11	13	0832	N07	E39	11	16.3		A	HSX	70	2	2	3
9229		RAMY	11	13	1215	N03	E37	11	16.3		A	HAX	50	2	2	4
9229		HOLL	11	13	1458	N07	E34	11	16.2		B	CAO	100	8	6	3
9229	30157	MWIL	11	13	1545	N06	E35	11	16.3	5	(AP)					
9229		VORO	11	13	2313	N05	E29	11	16.1			CAO	79	3	4	3
9229		LEAR	11	14	0040	N05	E28	11	16.1		A	HSX	40	4	5	3
9229		TACH	11	14	0600	N07	E27	11	16.3			HSX	150	3	1	3
9229		KAND	11	14	0920	N06	E25	11	16.3			CAO		4	5	2
9229		SVTO	11	14	1118	N07	E24	11	16.3		A	HAX	80	2	2	2
9229		RAMY	11	14	1210	N05	E24	11	16.3		A	HAX	80	2	2	4
9229		HOLL	11	14	1527	N05	E20	11	16.1		B	CAO	90	5	6	3
9229	30157	MWIL	11	14	1545	N05	E21	11	16.2	4	(AP)					
9229		VORO	11	14	2313	N06	E18	11	16.3			HAX	157	1		3
9229		LEAR	11	15	0020	N06	E17	11	16.3		A	HAX	60	3	2	3
9229		KAND	11	15	0910	N06	E12	11	16.3			HA		2	2	3
9229		SVTO	11	15	1130	N06	E12	11	16.4		A	HAX	80	2	2	2
9229		RAMY	11	15	1320	N06	E11	11	16.4		A	HSX	70	3	2	3
9229	30157	MWIL	11	15	1500	N06	E08	11	16.2	5	(AP)					
9229		HOLL	11	15	1558	N06	E08	11	16.3		A	HSX	80	2	2	2
9229		VORO	11	15	2313	N06	E05	11	16.3			HAX	113	2		3
9229		SVTO	11	16	1220	N06	W04	11	16.2		A	HAX	80	2	2	2
9229		HOLL	11	16	1459	N06	W05	11	16.2		A	HSX	80	2	2	3
9229	30157	MWIL	11	16	1545	N06	W05	11	16.3	5	(AP)					
9229		LEAR	11	17	0107	N07	W09	11	16.4		B	DSO	90	7	3	4
9229		VORO	11	17	0350	N06	W12	11	16.3			HSX	76	1		3
9229		SVTO	11	17	0738	N07	W13	11	16.3		B	CSO	40	2	2	2
9229		KAND	11	17	0855	N06	W15	11	16.2			HS		3	1	2
9229		RAMY	11	17	1250	N09	W16	11	16.3		B	CSO	40	2	2	3
9229	30157	MWIL	11	17	1545	N06	W18	11	16.3	5	(AP)					
9229	30167	MWIL	11	17	1545	N11	W15	11	16.5	4	(AP)					
9229		HOLL	11	17	1655	N06	W19	11	16.3		A	HSX	40	1	2	2
9229		LEAR	11	18	0005	N08	W22	11	16.3		B	CSO	60	4	5	3
9229		VORO	11	18	0040	N06	W24	11	16.2			HAX	69	1		4
9229		TACH	11	18	0538	N06	W26	11	16.3			HSX	120	1	1	3
9229		SVTO	11	18	0900	N06	W28	11	16.3		B	BSO	30	2	1	3
9229		KAND	11	18	0945	N05	W29	11	16.2			HA		1	2	3
9229		RAMY	11	18	1235	N09	W29	11	16.3		B	CSO	50	2	2	3
9229	30157	MWIL	11	18	1545	N06	W32	11	16.3	5	(AP)					
9229	30167	MWIL	11	18	1545	N11	W30	11	16.4	4	(AP)					
9229		LEAR	11	19	0020	N07	W37	11	16.2		A	HAX	20	1	1	3
9229		SVTO	11	19	0857	N05	W42	11	16.2		A	HAX	50	1	2	3
9229		KAND	11	19	0915	N05	W42	11	16.2			HA		1	1	3
9229		RAMY	11	19	1220	N09	W42	11	16.4		A	HSX	30	2	2	3
9229		HOLL	11	19	1500	N06	W45	11	16.2		A	HAX	50	1	2	2
9229	30157	MWIL	11	19	1530	N06	W45	11	16.3	4	(AP)					
9229		LEAR	11	20	0105	N07	W50	11	16.3		A	HAX	30	1	1	3
9229		TACH	11	20	0547	N05	W52	11	16.3			AXX	30	1	1	4
9229		SVTO	11	20	0720	N05	W53	11	16.3		A	HAX		1		2
9229		KAND	11	20	0925	N05	W55	11	16.3			HS		1	1	3
9229		RAMY	11	20	1216	N11	W56	11	16.3		A	HAX	30	1	2	4
9229		HOLL	11	20	1515	N07	W58	11	16.3		A	HAX	30	1	1	3
9229	30157	MWIL	11	20	1730	N06	W58	11	16.4	4	(AP)					
9229		LEAR	11	21	0116	N06	W63	11	16.3		A	HSX	20	1	1	3
9229		TACH	11	21	0601	N06	W69	11	16.1			AXX	15	1	1	3
9229		SVTO	11	21	0730	N06	W68	11	16.2		A	HAX		1		3
9229		KAND	11	21	0850	N05	W69	11	16.2			AX		1		4
9229		RAMY	11	21	1315	N11	W72	11	16.1		A	HSX	10	1	1	3
9229	30157	MWIL	11	21	1715	N06	W73	11	16.2	4	(AP)					
9237		RAMY	11	18	1235	N10	W13	11	17.5		B	CSO	20	4	2	3
9237	30170	MWIL	11	18	1545	N09	W15	11	17.5	4	(B)					
9237		LEAR	11	19	0020	N10	W20	11	17.5		B	DRO	30	14	5	3
9237		SVTO	11	19	0857	N09	W25	11	17.5		B	DRO	30	10	6	3
9237		KAND	11	19	0915	N09	W26	11	17.4			BXO		9		3
9237		RAMY	11	19	1220	N11	W26	11	17.5		B	DSO	50	13	6	3
9237		HOLL	11	19	1500	N08	W29	11	17.4		B	DSO	50	12	7	2

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

NOVEMBER 2000

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
9237	30170	MWIL	11	19	1530	N09	W29	11	17.5	5	(BF)					
9237		LEAR	11	20	0105	N08	W33	11	17.6		B	CSO	10	10	7	3
9237		SVTO	11	20	0720	N08	W38	11	17.4		B	DSO	70	10	7	2
9237		KAND	11	20	0925	N08	W40	11	17.4			CAO		5	8	3
9237		RAMY	11	20	1216	N12	W40	11	17.5		B	DSO	60	8	8	4
9237		HOLL	11	20	1515	N08	W42	11	17.5		B	CSO	20	6	7	3
9237	30170	MWIL	11	20	1730	N09	W43	11	17.5	4	(BF)					
9237		VORO	11	21	0044	N07	W50	11	17.3			AXX	7	2	2	3
9237		LEAR	11	21	0116	N08	W48	11	17.4		B	CRO	20	5	7	3
9237		TACH	11	21	0601	N08	W52	11	17.3			BRO	39	6	7	3
9237		SVTO	11	21	0730	N09	W51	11	17.5		B	DSO	60	10	9	3
9237		KAND	11	21	0850	N08	W53	11	17.4			BXI		10	8	4
9237		RAMY	11	21	1315	N14	W56	11	17.3		B	BXO	10	8	7	3
9237	30170	MWIL	11	21	1715	N09	W57	11	17.4	4	(BG)					
9237		HOLL	11	21	1742	N07	W59	11	17.3		B	CSO	70	6	7	2
9237		VORO	11	21	2313	N08	W61	11	17.4			BXI	34	7	3	3
9237		LEAR	11	22	0158	N08	W62	11	17.4		B	CRO	20	3	4	3
9237		TACH	11	22	0655	N08	W66	11	17.3			BRO	15	2	4	3
9237		KAND	11	22	0850	N07	W69	11	17.2			BXO		2	4	3
9237		SVTO	11	22	1200	N08	W67	11	17.5		B	DRO	10	2	5	2
9237		RAMY	11	22	1300	N13	W70	11	17.3		B	CSO	30	3	3	3
9237		HOLL	11	22	1727	N10	W70	11	17.5		B	CSO	50	2	2	2
9234		RAMY	11	15	1320	N19	E28	11	17.7		B	BXO	10	4	2	3
9234	30163	MWIL	11	15	1500	N20	E25	11	17.5	3	(AP)					
9234		HOLL	11	15	1558	N21	E24	11	17.5		B	BXO	10	3	2	2
9234		HOLL	11	16	1459	N23	E12	11	17.5		A	AXX	10	1	1	3
9234		SVTO	11	17	0738	N19	E03	11	17.5		A	AXX	10	2	1	2
9234		RAMY	11	17	1250	N19	E01	11	17.6		A	AXX	10	1	1	3
9234	30168	MWIL	11	17	1545	N20	W03	11	17.4	4	(AP)					
9234		HOLL	11	17	1655	N21	E01	11	17.8		A	AXX	10	1	1	2
9234		LEAR	11	18	0005	N19	W08	11	17.4		B	BXO	10	5	3	3
9234		TACH	11	18	0538	N20	W10	11	17.5			AXX	28	3	2	3
9234		SVTO	11	18	0900	N19	W13	11	17.4		B	BXO	10	3	3	3
9234		KAND	11	18	0945	N18	W12	11	17.5			BXO		4	3	3
9234		RAMY	11	18	1235	N20	W14	11	17.4		B	CSO	10	2	3	3
9234	30168	MWIL	11	18	1545	N19	W17	11	17.3	4	(AP)					
9234		LEAR	11	19	0020	N19	W22	11	17.3		A	AXX		1		3
9234		SVTO	11	19	0857	N18	W27	11	17.3		A	AXX		1		3
9234		RAMY	11	19	1220	N21	W27	11	17.4		B	CSO	10	3	2	3
9231		KAND	11	13	0820	S23	E83	11	19.7			DSO		3	9	4
9231		SVTO	11	13	0832	S19	E76	11	19.1		A	HSX	60	1	3	3
9231		RAMY	11	13	1215	S26	E74	11	19.2		B	DSO	50	5	7	4
9231		HOLL	11	13	1458	S23	E76	11	19.5		B	DAO	140	6	9	3
9231	30158	MWIL	11	13	1545	S23	E74	11	19.3	4	(B)					
9231		VORO	11	13	2313	S23	E71	11	19.4			DAI	204	4	7	3
9231		LEAR	11	14	0040	S25	E69	11	19.4		B	DSO	70	5	7	3
9231		TACH	11	14	0600	S21	E64	11	19.1			CAI	90	9	1	3
9231		KAND	11	14	0920	S22	E65	11	19.4			ESO		8	14	2
9231		SVTO	11	14	1118	S21	E62	11	19.2		B	EAI	300	10	12	2
9231		RAMY	11	14	1210	S27	E61	11	19.3		B	EAI	310	22	12	4
9231		HOLL	11	14	1527	S23	E61	11	19.3		B	EAI	310	13	12	3
9231	30158	MWIL	11	14	1545	S23	E62	11	19.4	4	(B)					
9231		VORO	11	14	2313	S23	E57	11	19.3			EAI	492	6	11	3
9231		LEAR	11	15	0020	S23	E55	11	19.2		B	EAI	320	22	11	3
9231		KAND	11	15	0910	S22	E54	11	19.5			EAO		13	15	3
9231		SVTO	11	15	1130	S23	E53	11	19.6		B	EAO	270	18	25	2
9231		RAMY	11	15	1320	S27	E49	11	19.4		B	FAI	360	31	20	3
9231	30158	MWIL	11	15	1500	S23	E47	11	19.2	5	(BG)					
9231		HOLL	11	15	1558	S22	E47	11	19.3		B	EAI	310	10	14	2
9231		VORO	11	15	2313	S23	E44	11	19.3			EAI	614	8	12	3
9231		SVTO	11	16	1220	S23	E35	11	19.2		B	FAC	310	26	21	2
9231		HOLL	11	16	1459	S23	E35	11	19.3		B	FAC	410	36	20	3
9231	30158	MWIL	11	16	1545	S23	E34	11	19.3	5	(BG)					
9231		LEAR	11	17	0107	S24	E30	11	19.4		BG	FAC	440	30	18	4
9231		VORO	11	17	0350	S23	E29	11	19.4			EAI	505	13	14	3
9231		SVTO	11	17	0738	S23	E25	11	19.2		B	FAC	310	21	17	2
9231		KAND	11	17	0855	S23	E24	11	19.2			FAO		30	17	2

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

NOVEMBER 2000

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
9231		RAMY	11	17	1250	S26	E28	11	19.7		BG	FAC	240	48	19	3
9231	30158	MWIL	11	17	1545	S23	E21	11	19.3	5	(BG)					
9231		HOLL	11	17	1655	S23	E20	11	19.2		BG	FSO	270	33	18	2
9231		LEAR	11	18	0005	S23	E16	11	19.2		BG	FAC	220	32	18	3
9231		VORO	11	18	0040	S23	E16	11	19.3			EAI	539	27	16	4
9231		TACH	11	18	0538	S21	E07	11	18.8			DAI	244	12	5	3
9231		SVTO	11	18	0900	S24	E11	11	19.2		B	FAC	180	43	18	3
9231		KAND	11	18	0945	S24	E10	11	19.2			FSO		40	20	3
9231		RAMY	11	18	1235	S25	E15	11	19.7		BG	FAC	210	36	18	3
9231	30158	MWIL	11	18	1545	S23	E07	11	19.2	5	(BG)					
9231		LEAR	11	19	0020	S23	E02	11	19.2		BG	FAO	280	40	20	3
9231		VORO	11	19	0150	S23	E03	11	19.3			EAI	318	17	18	3
9231		SVTO	11	19	0857	S24	W02	11	19.2		BG	FAO	310	38	21	3
9231		KAND	11	19	0915	S23	W02	11	19.2			FKO		17	20	3
9231		RAMY	11	19	1220	S24	W05	11	19.1		BG	FAC	210	40	19	3
9231		HOLL	11	19	1500	S25	W06	11	19.2		BG	FAO	300	44	19	2
9231	30158	MWIL	11	19	1530	S24	W06	11	19.2	5	(BG)					
9231		LEAR	11	20	0105	S23	W11	11	19.2		BG	FAO	280	47	20	3
9231		TACH	11	20	0547	S23	W16	11	19.0			DAI	681	17	8	4
9231		SVTO	11	20	0720	S25	W13	11	19.3		BG	FAI	460	37	21	2
9231		KAND	11	20	0925	S23	W15	11	19.2			FHI		13	25	3
9231		RAMY	11	20	1216	S22	W19	11	19.0		BG	FKI	470	30	20	4
9231		HOLL	11	20	1515	S26	W18	11	19.2		BG	FKI	410	45	21	3
9231	30158	MWIL	11	20	1730	S24	W20	11	19.2	5	(BG)					
9231		VORO	11	21	0044	S24	W24	11	19.2			EAI	617	23	18	3
9231		LEAR	11	21	0116	S23	W24	11	19.2		BG	FAI	240	23	20	3
9231		TACH	11	21	0601	S23	W32	11	18.8			DAI	441	14	8	3
9231		SVTO	11	21	0730	S24	W29	11	19.1		BG	FAI	350	19	21	3
9231		KAND	11	21	0850	S24	W28	11	19.2			FKI		32	26	4
9231		RAMY	11	21	1315	S20	W31	11	19.2		B	FKI	380	37	25	3
9231	30158	MWIL	11	21	1715	S24	W34	11	19.1	5	(BG)					
9231		HOLL	11	21	1742	S24	W33	11	19.2		BG	FKI	530	22	21	2
9231		VORO	11	21	2313	S24	W36	11	19.2			EAI	649	47	20	3
9231		LEAR	11	22	0158	S24	W37	11	19.2		BG	FAO	350	21	22	3
9231		TACH	11	22	0655	S23	W45	11	18.8			DAI	358	8	5	3
9231		KAND	11	22	0850	S24	W40	11	19.3			FKC		20	22	3
9231		SVTO	11	22	1200	S24	W42	11	19.2		BG	FKI	360	22	23	2
9231		RAMY	11	22	1300	S19	W44	11	19.2		BG	FAI	310	15	20	3
9231	30158	MWIL	11	22	1545	S24	W48	11	18.9	5	(D)					
9231		HOLL	11	22	1727	S24	W49	11	18.9		BG	FAI	280	22	20	2
9231		VORO	11	22	2352	S24	W50	11	19.1			DAI	452	17	18	2
9231		LEAR	11	23	0004	S23	W49	11	19.2		BG	FKI	320	21	21	5
9231		KAND	11	23	0945	S24	W56	11	19.1			FAO		20	20	3
9231		SVTO	11	23	1010	S23	W56	11	19.1		B	FAI	330	17	23	3
9231		RAMY	11	23	1225	S19	W57	11	19.2		BG	FAI	260	21	20	3
9231	30158	MWIL	11	23	1630	S24	W61	11	19.0	5	(BP)					
9231		VORO	11	23	2321	S23	W63	11	19.1			DAI	435	17	19	3
9231		LEAR	11	24	0042	S24	W58	11	19.5		B	EKO	110	12	18	3
9231		TACH	11	24	0521	S21	W70	11	18.8			DAO	190	3	6	3
9231		SVTO	11	24	0829	S23	W66	11	19.3		B	FAI	260	5	24	2
9231		KAND	11	24	0835	S23	W72	11	18.8			FHO		10	20	3
9231		RAMY	11	24	1217	S19	W70	11	19.2		B	FAI	250	13	20	3
9231		HOLL	11	24	1530	S25	W71	11	19.1		B	FKI	380	9	33	3
9231	30158	MWIL	11	24	1700	S21	W78	11	18.7	4	(BP)					
9231		LEAR	11	25	0055	S22	W79	11	19.0		A	HAX	120	1	2	3
9231		RAMY	11	25	1217	S19	W86	11	18.9		B	CSO	30	2	3	3
9232		TACH	11	13	0505	N26	E80	11	19.4			HSX	30	1	1	3
9232		KAND	11	13	0820	N27	E87	11	20.1			DSO		2	5	4
9232		SVTO	11	13	0832	N26	E80	11	19.6		A	HSX	60	1	5	3
9232		RAMY	11	13	1215	N22	E76	11	19.3		B	CSO	40	4	4	4
9232		HOLL	11	13	1458	N26	E80	11	19.8		B	DAO	120	3	8	3
9232	30159	MWIL	11	13	1545	N25	E78	11	19.7	4	(B)					
9232		VORO	11	13	2313	N26	E75	11	19.8			DRO	175	2	8	3
9232		LEAR	11	14	0040	N24	E72	11	19.6		B	ESO	80	4	10	3
9232		TACH	11	14	0600	N26	E71	11	19.8			DAO	105	3	7	3
9232		KAND	11	14	0920	N26	E69	11	19.7			DSO		3	10	2
9232		SVTO	11	14	1118	N27	E65	11	19.5		B	DAO	150	4	9	2
9232		RAMY	11	14	1210	N22	E67	11	19.6		B	DSO	160	6	9	4

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

NOVEMBER 2000

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
9232		HOLL	11	14	1527	N26	E66	11	19.8		B	DAO	140	7	10	3
9232	30159	MWIL	11	14	1545	N25	E65	11	19.7	4	(B)					
9232		VORO	11	14	2313	N25	E62	11	19.8			DAO	180	3	8	3
9232		LEAR	11	15	0020	N25	E60	11	19.7		B	DAO	160	5	10	3
9232		KAND	11	15	0910	N26	E57	11	19.8			ESO		6	12	3
9232		SVTO	11	15	1130	N26	E50	11	19.4		B	DAO	70	4	10	2
9232		RAMY	11	15	1320	N22	E55	11	19.8		B	ESO	120	8	11	3
9232	30159	MWIL	11	15	1500	N25	E52	11	19.6	4	(BP)					
9232		HOLL	11	15	1558	N26	E53	11	19.8		B	EAO	80	6	12	2
9232		VORO	11	15	2313	N25	E49	11	19.8			DAO	117	4	9	3
9232		SVTO	11	16	1220	N27	E43	11	19.9		B	EAO	60	6	13	2
9232		HOLL	11	16	1459	N26	E38	11	19.6		B	CAO	70	11	11	3
9232	30159	MWIL	11	16	1545	N25	E38	11	19.6	4	(BP)					
9232		LEAR	11	17	0107	N25	E35	11	19.7		B	DAO	70	8	10	4
9232		VORO	11	17	0350	N23	E29	11	19.4			HRX	51	2		3
9232		SVTO	11	17	0738	N24	E27	11	19.4		B	CAO	20	2	2	2
9232		KAND	11	17	0855	N24	E25	11	19.3			CSO		5	2	2
9232		RAMY	11	17	1250	N21	E29	11	19.7		B	CSO	20	7	6	3
9232	30159	MWIL	11	17	1545	N25	E25	11	19.6	4	(BP)					
9232		HOLL	11	17	1655	N23	E24	11	19.5		B	CAO	50	9	6	2
9232		LEAR	11	18	0005	N23	E21	11	19.6		B	CAO	20	8	10	3
9232		VORO	11	18	0040	N24	E18	11	19.4			HRX	31	3		4
9232		TACH	11	18	0538	N24	E15	11	19.4			HSX	65	2	1	3
9232		SVTO	11	18	0900	N23	E14	11	19.4		B	CSO	20	3	2	3
9232		KAND	11	18	0945	N23	E13	11	19.4			AX		4	2	3
9232		RAMY	11	18	1235	N21	E14	11	19.6		B	DSO	30	3	2	3
9232	30159	MWIL	11	18	1545	N23	E09	11	19.3	5	(AP)					
9232		LEAR	11	19	0020	N23	E06	11	19.5		A	HRX	10	3	1	3
9232		VORO	11	19	0150	N23	E05	11	19.5			HRX	24	1		3
9232		SVTO	11	19	0857	N23	E01	11	19.4		A	HRX	10	4	2	3
9232		KAND	11	19	0915	N22	E00	11	19.4			HS		6	2	3
9232		RAMY	11	19	1220	N23	E01	11	19.6		B	CSO	20	6	1	3
9232		HOLL	11	19	1500	N23	W02	11	19.5		B	CSO	10	5	2	2
9232		HOLL	11	19	1500	N28	E04	11	19.9		A	AXX		1		2
9232	30159	MWIL	11	19	1530	N25	W00	11	19.6	4	(BP)					
9232		LEAR	11	20	0105	N23	W09	11	19.3		B	BXO		2	1	3
9232		LEAR	11	20	0105	N28	W02	11	19.9		B	BXO		2	1	3
9232		TACH	11	20	0547	N26	W05	11	19.8			BRO	18	10	6	4
9232		SVTO	11	20	0720	N23	W12	11	19.4		B	DSO	20	3	2	2
9232		KAND	11	20	0925	N24	W10	11	19.6			BXO		4	8	3
9232		RAMY	11	20	1216	N25	W12	11	19.6		B	DSO	30	6	3	4
9232		HOLL	11	20	1515	N25	W15	11	19.5		B	CSO	20	6	4	3
9232		HOLL	11	20	1515	N27	W08	11	20.0		A	AXX		3	2	3
9232	30159	MWIL	11	20	1730	N25	W15	11	19.6	4	(AP)					
9232		VORO	11	21	0044	N24	W21	11	19.4			AXX	6	1		3
9232		LEAR	11	21	0116	N23	W19	11	19.6		B	CRO	10	5	3	3
9232		TACH	11	21	0601	N24	W22	11	19.5			AXX	44	4	2	3
9232		SVTO	11	21	0730	N25	W24	11	19.4		B	DSO	40	4	4	3
9232		KAND	11	21	0850	N24	W24	11	19.5			BXO		5	4	4
9232		RAMY	11	21	1315	N27	W24	11	19.7		B	BXO	10	5	4	3
9232	30159	MWIL	11	21	1715	N24	W28	11	19.5	4	(AP)					
9232		HOLL	11	21	1742	N24	W30	11	19.4		B	CSO	20	3	3	2
9232		VORO	11	21	2313	N24	W32	11	19.5			AXX	13	2		3
9232		LEAR	11	22	0158	N24	W33	11	19.5		A	AXX	10	2	2	3
9232		TACH	11	22	0655	N22	W27	11	20.2			CAO	641	7	12	3
9232		TACH	11	22	0655	N24	W37	11	19.4			AXX	26	2	1	3
9232		KAND	11	22	0850	N24	W38	11	19.4			AX		2	1	3
9232		RAMY	11	22	1300	N27	W37	11	19.6		A	AXX	20	2	2	3
9232	30159	MWIL	11	22	1545	N24	W42	11	19.4	3	(AP)					
9232		LEAR	11	23	0004	N25	W45	11	19.5		A	AXX		1		5
9232		SVTO	11	23	1010	N24	W56	11	19.1		A	AXX		1		3
9238		TACH	11	14	0600	S24	E71	11	19.7			CAI	50	5	1	3
9238		TACH	11	18	0538	S23	E18	11	19.6			CAI	115	18	5	3
9238		LEAR	11	20	0105	S22	E04	11	20.3		B	BXO		2	2	3
9238		TACH	11	20	0547	S22	E03	11	20.5			BRO	19	4	3	4
9238		TACH	11	20	0547	S24	W08	11	19.6			CAI	75	9	5	4
9238		SVTO	11	20	0720	S23	E02	11	20.4		B	DSO	20	3	4	2
9238		RAMY	11	20	1216	S23	W04	11	20.2		B	CSO	10	3	3	4

S U N S P O T G R O U P S
(Ordered by Central Meridian Passage Date)
NOVEMBER 2000

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
9238		HOLL	11	20	1515	S24	W02	11	20.5		A	AXX		3	2	3
9238	30171	MWIL	11	20	1730	S23	W03	11	20.5	4	(BF)					
9238		LEAR	11	21	0116	S23	W07	11	20.5		B	CAO	10	3	4	3
9238		TACH	11	21	0601	S22	W13	11	20.2			AXX	23	2	1	3
9238		TACH	11	21	0601	S24	W20	11	19.7			CAO	115	8	5	3
9238		SVTO	11	21	0730	S22	W14	11	20.2		B	DSO	30	4	2	3
9238	30171	MWIL	11	21	1715	S22	W27	11	19.6	4	(BP)					
9238		HOLL	11	21	1742	S22	W18	11	20.3		A	AXX	10	1	1	2
9238		LEAR	11	22	0158	S22	W23	11	20.3		A	HRX	10	1		3
9238		TACH	11	22	0655	S26	W35	11	19.6			DAI	59	8	6	3
9238		TACH	11	24	0521	S24	W58	11	19.7			CAO	64	5	5	3
9233		HOLL	11	14	1527	N13	E80	11	20.7		A	HSX	50	2	2	3
9233		VORO	11	14	2313	N11	E78	11	20.8			HRX	69	1		3
9233		LEAR	11	15	0020	N12	E76	11	20.7		A	HSX	60	2	2	3
9233		KAND	11	15	0910	N13	E74	11	21.0			HS		1	2	3
9233		SVTO	11	15	1130	N12	E78	11	21.3		A	HRX	20	1	3	2
9233		RAMY	11	15	1320	N08	E70	11	20.8		A	HSX	50	1	1	3
9233	30164	MWIL	11	15	1500	N12	E67	11	20.7	4	(AP)					
9233		HOLL	11	15	1558	N13	E67	11	20.7		A	HSX	50	1	1	2
9233		VORO	11	15	2313	N12	E63	11	20.7			HAX	73	1		3
9233		SVTO	11	16	1220	N13	E62	11	21.2		B	EAO	80	10	11	2
9233		HOLL	11	16	1459	N13	E56	11	20.8		B	CAO	50	2	5	3
9233	30164	MWIL	11	16	1545	N12	E54	11	20.7	4	(AP)					
9233		LEAR	11	17	0107	N12	E54	11	21.1		B	DSO	90	9	10	4
9233		VORO	11	17	0350	N12	E47	11	20.7			HRX	46	1		3
9233		SVTO	11	17	0738	N13	E47	11	20.9		B	DAO	60	3	9	2
9233		KAND	11	17	0855	N12	E44	11	20.7			HR		1	1	2
9233		RAMY	11	17	1250	N09	E42	11	20.7		A	HSX	10	1	1	3
9233	30164	MWIL	11	17	1545	N12	E40	11	20.7	4	(AP)					
9233		HOLL	11	17	1655	N12	E40	11	20.7		A	HSX	30	2	3	2
9233		LEAR	11	18	0005	N11	E35	11	20.6		A	HAX	20	1	1	3
9233		VORO	11	18	0040	N11	E36	11	20.7			HRX	23	1		4
9233		TACH	11	18	0538	N12	E32	11	20.6			HSX	80	1	1	3
9233		SVTO	11	18	0900	N12	E30	11	20.6		A	HAX	10	1	1	3
9233		RAMY	11	18	1235	N09	E29	11	20.7		A	HSX	10	1	1	3
9233	30164	MWIL	11	18	1545	N12	E26	11	20.6	5	(AP)					
9233		LEAR	11	19	0020	N11	E21	11	20.6		A	HRX	10	1	1	3
9233		VORO	11	19	0150	N12	E22	11	20.7			HRX	28	1		3
9233		SVTO	11	19	0857	N12	E16	11	20.6		A	HSX	20	1	1	3
9233		KAND	11	19	0945	N12	E20	11	20.9			HS		1	1	3
9233		RAMY	11	19	1220	N10	E16	11	20.7		A	HSX	10	1	1	3
9233		HOLL	11	19	1500	N12	E13	11	20.6		A	HAX	20	1	1	2
9233	30164	MWIL	11	19	1530	N12	E13	11	20.6	4	(AP)					
9233		LEAR	11	20	0105	N12	E07	11	20.6		A	HAX	20	2	2	3
9233		TACH	11	20	0547	N13	E05	11	20.6			AXX	25	1	1	4
9233		SVTO	11	20	0720	N12	E04	11	20.6		A	HSX		1		2
9233		KAND	11	20	0925	N12	E03	11	20.6			HR		1		3
9233		RAMY	11	20	1216	N12	E02	11	20.7		A	HSX	10	1	1	4
9233		HOLL	11	20	1515	N12	W01	11	20.6		A	HSX	20	1	1	3
9233	30164	MWIL	11	20	1730	N12	W01	11	20.6	4	(AP)					
9233		LEAR	11	21	0116	N12	W06	11	20.6		A	HRX	10	1		3
9233		TACH	11	21	0601	N13	W09	11	20.6			AXX	10	1	1	3
9233		SVTO	11	21	0730	N13	W11	11	20.5		A	HSX		1		3
9233		KAND	11	21	0850	N08	W07	11	20.8			AX		1		4
9233		KAND	11	21	0850	N11	W10	11	20.6			AX		1		4
9233		RAMY	11	21	1315	N16	W09	11	20.9		A	AXX	10	3	1	3
9233		TACH	11	22	0655	N12	W20	11	20.8			HSX	110	2	2	3
9233		RAMY	11	22	1300	N14	W21	11	20.9		B	DSO	60	2	3	3
9233		RAMY	11	23	1225	N15	W35	11	20.9		B	CSO	70	3	3	3
9233		TACH	11	24	0521	N16	W49	11	20.5			HSX	80	1	1	3
9233		RAMY	11	24	1217	N15	W49	11	20.8		B	CSO	60	4	3	3
9233		TACH	11	25	0613	N11	W61	11	20.7			AXX	15	1	1	3
9233		RAMY	11	25	1217	N15	W64	11	20.7		B	CSO	50	2	4	3
9233		TACH	11	26	0757	N11	W75	11	20.7			AXX	10	1	1	3
9233		RAMY	11	26	1310	N16	W73	11	21.0		B	BXO	30	2	4	3
9233A		KAND	11	23	0945	N23	W36	11	20.6			AX		1		3
9235		HOLL	11	16	1459	N14	E67	11	21.7		B	CAO	130	7	11	3

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

NOVEMBER 2000

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
9235	30165	MWIL	11	16	1545	N13	E62	11	21.3	4	(B)					
9235	30166	MWIL	11	16	1545	N16	E70	11	22.0	4	(B)					
9235		LEAR	11	17	0107	N15	E66	11	22.0		B	DSO	150	3	6	4
9235		SVTO	11	17	0738	N14	E59	11	21.8		B	CAO	80	4	8	2
9235		KAND	11	17	0855	N13	E55	11	21.5			DAO		11	6	2
9235		KAND	11	17	0855	N16	E61	11	22.0			CRO		3	5	2
9235		RAMY	11	17	1250	N09	E56	11	21.7		B	EAI	140	13	12	3
9235	30165	MWIL	11	17	1545	N14	E50	11	21.4	5	(B)					
9235	30166	MWIL	11	17	1545	N16	E57	11	22.0	4	(BP)					
9235		HOLL	11	17	1655	N14	E50	11	21.5		BG	DSO	160	18	8	2
9235		LEAR	11	18	0005	N12	E47	11	21.5		B	EAI	150	22	14	3
9235		VORO	11	18	0040	N14	E47	11	21.6			DAI	278	11	7	4
9235		TACH	11	18	0538	N15	E43	11	21.5			DAI	322	16	8	3
9235		SVTO	11	18	0900	N14	E42	11	21.5		B	EAI	130	14	11	3
9235		KAND	11	18	0945	N13	E39	11	21.3			DAO		21	7	3
9235		KAND	11	18	0945	N16	E44	11	21.7			CAO		5	3	3
9235		RAMY	11	18	1235	N10	E40	11	21.5		B	EAI	180	27	11	3
9235	30165	MWIL	11	18	1545	N13	E36	11	21.4	5	(B)					
9235	30166	MWIL	11	18	1545	N15	E42	11	21.8	4	(AP)					
9235		LEAR	11	19	0020	N13	E32	11	21.4		B	EAO	190	32	11	3
9235		VORO	11	19	0150	N14	E32	11	21.5			DAI	311	11	7	3
9235		SVTO	11	19	0857	N14	E27	11	21.4		B	EAC	230	22	12	3
9235		KAND	11	19	0915	N13	E25	11	21.3			DAO		12	9	3
9235		KAND	11	19	0915	N14	E30	11	21.6			HS		1	1	3
9235		RAMY	11	19	1220	N11	E27	11	21.5		BG	EAI	170	26	11	3
9235		HOLL	11	19	1500	N13	E23	11	21.4		BG	EAI	260	38	13	2
9235	30165	MWIL	11	19	1530	N14	E24	11	21.4	5	(BG)					
9235	30166	MWIL	11	19	1530	N15	E31	11	22.0	4	(BP)					
9235		LEAR	11	20	0105	N14	E17	11	21.3		BG	EAI	270	30	14	3
9235		TACH	11	20	0547	N15	E16	11	21.4			CAI	506	15	11	4
9235		SVTO	11	20	0720	N14	E15	11	21.4		BG	EAI	230	14	13	2
9235		KAND	11	20	0925	N13	E12	11	21.3			DAO		12	9	3
9235		KAND	11	20	0925	N15	E20	11	21.9			DSO		2	3	3
9235		RAMY	11	20	1216	N13	E12	11	21.4		B	EAI	230	23	13	4
9235		HOLL	11	20	1515	N12	E09	11	21.3		BG	EAI	200	22	13	3
9235	30165	MWIL	11	20	1730	N14	E09	11	21.4	6	(BG)					
9235	30166	MWIL	11	20	1730	N15	E16	11	21.9	4	(AP)					
9235		VORO	11	21	0044	N14	E06	11	21.5			DAI	276	14	13	3
9235		LEAR	11	21	0116	N13	E05	11	21.4		B	EAO	110	14	14	3
9235		TACH	11	21	0601	N14	E06	11	21.7			CAI	332	15	13	3
9235		SVTO	11	21	0730	N15	W01	11	21.2		BG	FAI	180	16	16	3
9235		KAND	11	21	0850	N14	E06	11	21.8			CAO		3	2	4
9235		KAND	11	21	0850	N14	W01	11	21.3			CAO		14	12	4
9235		RAMY	11	21	1315	N14	W02	11	21.4		BG	FAI	170	26	18	3
9235	30165	MWIL	11	21	1715	N13	W05	11	21.3	5	(BG)					
9235	30166	MWIL	11	21	1715	N15	E03	11	21.9	4	(BP)					
9235		HOLL	11	21	1742	N14	W04	11	21.4		BG	FAI	170	15	16	2
9235		VORO	11	21	2313	N13	W08	11	21.4			EAI	167	20	15	3
9235		LEAR	11	22	0158	N13	W10	11	21.3		B	FSO	110	10	16	3
9235		TACH	11	22	0655	N15	W06	11	21.8			BR	27	4	3	3
9235		KAND	11	22	0850	N12	W16	11	21.2			CSO		9	15	3
9235		KAND	11	22	0850	N14	W07	11	21.8			HS		1	1	3
9235		SVTO	11	22	1200	N15	W17	11	21.2		B	FAI	120	11	18	2
9235		RAMY	11	22	1300	N13	W14	11	21.5		B	ESO	50	4	12	3
9235	30165	MWIL	11	22	1545	N13	W19	11	21.2	5	(BP)					
9235	30166	MWIL	11	22	1545	N15	W10	11	21.9	4	(AP)					
9235		HOLL	11	22	1727	N13	W20	11	21.2		BG	FAO	110	10	17	2
9235		VORO	11	22	2352	N13	W22	11	21.3			CAI	163	5	16	2
9235		LEAR	11	23	0004	N15	W22	11	21.3		B	FAO	100	14	16	5
9235		KAND	11	23	0945	N11	W36	11	20.7			HA		4	3	3
9235		SVTO	11	23	1010	N13	W28	11	21.3		B	CAO	80	8	16	3
9235	30165	MWIL	11	23	1630	N12	W40	11	20.7	5	(AP)					
9235		VORO	11	23	2321	N11	W43	11	20.7			HAX	124	5		3
9235		LEAR	11	24	0042	N12	W44	11	20.7		B	CAO	60	2	2	3
9235		SVTO	11	24	0829	N12	W49	11	20.7		B	DSO	70	3	2	2
9235		KAND	11	24	0835	N11	W49	11	20.7			HA		5	3	3
9235		HOLL	11	24	1530	N09	W54	11	20.6		B	CSO	100	2	3	3
9235	30165	MWIL	11	24	1700	N12	W54	11	20.6	4	(AP)					
9235		LEAR	11	25	0055	N12	W58	11	20.7		A	HAX	40	1	2	3

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

NOVEMBER 2000

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
9235		KAND	11	25	0855	N10	W64	11	20.6			HA		1	1	3
9235		HOLL	11	25	1500	N11	W67	11	20.6		A	HSX	90	1	2	2
9235	30165	MWIL	11	25	1645	N12	W66	11	20.7	4	(AP)					
9235		VORO	11	26	0053	N11	W72	11	20.6			HAX	51	1		3
9235		LEAR	11	26	0200	N12	W71	11	20.7		A	HAX	60	1	2	2
9235		SVTO	11	26	0720	N11	W76	11	20.6		A	HAX	30	1	1	2
9235		HOLL	11	26	1530	N09	W78	11	20.8		A	HAX	60	2	2	3
9235	30165	MWIL	11	26	1530	N12	W78	11	20.8	4	(AP)					
9241	30172	MWIL	11	21	1715	N22	E12	11	22.6	4	(B)					
9241		KAND	11	23	0945	N22	W11	11	22.6			CSO		3	3	3
9241		SVTO	11	23	1010	N22	W12	11	22.5		B	DRO	20	2	3	3
9241		RAMY	11	23	1225	N20	W13	11	22.5		B	DSO	20	2	3	3
9241	30172	MWIL	11	23	1630	N23	W15	11	22.5	4	(B)					
9241		VORO	11	23	2321	N22	W18	11	22.6			BXO	22	3	3	3
9241		LEAR	11	24	0042	N23	W18	11	22.6		A	HSX	30	3	4	3
9241		TACH	11	24	0521	N21	W23	11	22.4			AXX	5	1	1	3
9241		SVTO	11	24	0829	N21	W25	11	22.4		A	HRX	10	1	1	2
9241		KAND	11	24	0835	N22	W22	11	22.7			BXO		3	4	3
9241		RAMY	11	24	1217	N22	W27	11	22.4		A	AXX	10	1	1	3
9241		HOLL	11	24	1530	N19	W29	11	22.4		B	BXO	10	2	2	3
9241	30172	MWIL	11	24	1700	N21	W30	11	22.4	3	(AP)					
9241B		TACH	11	20	0547	N09	E37	11	23.0			BRO	64	7	3	4
9241A	30177	MWIL	11	25	1645	N32	W29	11	23.4	3	(B)					
9241A	30177	MWIL	11	26	1530	N32	W42	11	23.3	3	(B)					
9236	30169	MWIL	11	17	1545	N20	E84	11	24.1	5	AP					
9236		LEAR	11	18	0005	N19	E79	11	24.0		A	HAX	100	4	6	3
9236		TACH	11	18	0538	N21	E76	11	24.1			HSX	120	3	1	3
9236		SVTO	11	18	0900	N19	E76	11	24.2		A	HAX	120	1	5	3
9236		KAND	11	18	0945	N20	E76	11	24.2			HA		2	3	3
9236		RAMY	11	18	1235	N15	E71	11	23.9		A	HSX	170	2	3	3
9236		RAMY	11	18	1235	N16	E83	11	24.8		B	CSO	70	3	2	3
9236	30169	MWIL	11	18	1545	N20	E72	11	24.2	5	(B)					
9236		LEAR	11	19	0020	N19	E68	11	24.2		B	EHO	290	4	13	3
9236		VORO	11	19	0150	N20	E66	11	24.1			HKX	524	1		3
9236		SVTO	11	19	0857	N21	E64	11	24.3		B	EAO	260	5	12	3
9236		KAND	11	19	0915	N20	E65	11	24.3			EAO		4	14	3
9236		RAMY	11	19	1220	N16	E65	11	24.4		B	EAO	400	8	13	3
9236		HOLL	11	19	1500	N20	E63	11	24.4		B	EAO	280	5	13	2
9236	30169	MWIL	11	19	1530	N20	E60	11	24.2	5	(BP)					
9236		LEAR	11	20	0105	N20	E56	11	24.3		B	ESO	200	9	13	3
9236		TACH	11	20	0547	N22	E53	11	24.3			DAO	451	5	10	4
9236		SVTO	11	20	0720	N22	E52	11	24.3		B	ESO	490	5	15	2
9236		KAND	11	20	0925	N20	E53	11	24.4			EHO		4	14	3
9236		RAMY	11	20	1216	N17	E52	11	24.5		B	EHO	490	6	13	4
9236		HOLL	11	20	1515	N20	E48	11	24.3		B	EKI	450	13	15	3
9236	30169	MWIL	11	20	1730	N20	E47	11	24.3	5	(BP)					
9236		VORO	11	21	0044	N21	E46	11	24.5			DAI	463	8	12	3
9236		LEAR	11	21	0116	N20	E45	11	24.5		B	EHO	510	4	13	3
9236		TACH	11	21	0601	N22	E42	11	24.5			DAO	725	8	12	3
9236		SVTO	11	21	0730	N20	E38	11	24.2		B	EHO	480	9	15	3
9236		KAND	11	21	0850	N21	E40	11	24.4			EHO		12	15	4
9236		RAMY	11	21	1315	N17	E38	11	24.4		B	EHO	330	9	15	3
9236	30169	MWIL	11	21	1715	N20	E35	11	24.4	5	(BP)					
9236		HOLL	11	21	1742	N23	E35	11	24.4		B	EHI	460	6	14	2
9236		VORO	11	21	2313	N21	E33	11	24.5			DKI	532	15	12	3
9236		LEAR	11	22	0158	N21	E31	11	24.4		B	EKO	390	7	14	3
9236		KAND	11	22	0850	N20	E25	11	24.3			EKO		12	13	3
9236		SVTO	11	22	1200	N18	E24	11	24.3		B	FKO	580	16	16	2
9236		RAMY	11	22	1300	N19	E25	11	24.4		B	EKO	400	12	14	3
9236	30169	MWIL	11	22	1545	N21	E22	11	24.3	5	(BG)					
9236		HOLL	11	22	1727	N22	E23	11	24.5		BG	EHO	380	23	13	2
9236		VORO	11	22	2352	N21	E19	11	24.4			DKI	572	12	13	2
9236		LEAR	11	23	0004	N21	E20	11	24.5		BG	EKO	400	15	15	5
9236		KAND	11	23	0945	N20	E13	11	24.4			EKO		15	14	3
9236		SVTO	11	23	1010	N22	E13	11	24.4		B	EKO	400	16	15	3

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

NOVEMBER 2000

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
9236		RAMY	11	23	1225	N19	E12	11	24.4		B	EKI	350	21	14	3
9236	30169	MWIL	11	23	1630	N21	E08	11	24.3	5	(BG)					
9236		VORO	11	23	2321	N21	E06	11	24.4			DKI	556	25	12	3
9236		LEAR	11	24	0042	N22	E03	11	24.2		B	EKO	310	33	16	3
9236		TACH	11	24	0521	N22	E05	11	24.6			CAI	870	10	11	3
9236		SVTO	11	24	0829	N21	W01	11	24.3		B	FKO	400	17	16	2
9236		KAND	11	24	0835	N20	E00	11	24.3			FKO		32	16	3
9236		RAMY	11	24	1217	N20	W01	11	24.4		BG	FKC	390	36	18	3
9236		HOLL	11	24	1530	N21	W04	11	24.3		BG	FKC	640	27	16	3
9236	30169	MWIL	11	24	1700	N21	W08	11	24.1	6	(D)					
9236		LEAR	11	25	0055	N23	W09	11	24.3		B	FKO	640	19	16	3
9236		TACH	11	25	0613	N20	W18	11	23.9			HHX	1200	12	7	3
9236		KAND	11	25	0855	N20	W16	11	24.1			EKO		15	13	3
9236		RAMY	11	25	1217	N21	W14	11	24.4		BG	FKC	460	38	16	3
9236		HOLL	11	25	1500	N23	W18	11	24.2		BG	EKC	670	30	14	2
9236	30169	MWIL	11	25	1645	N21	W21	11	24.1	5	(D)					
9236		VORO	11	26	0053	N20	W28	11	23.9			HKX	792	20		3
9236		LEAR	11	26	0200	N21	W23	11	24.3		BG	FKI	600	34	14	2
9236		SVTO	11	26	0720	N20	W27	11	24.2		BG	EKI	600	11	15	2
9236		TACH	11	26	0757	N20	W31	11	24.0			HHX	1102	11	8	3
9236		RAMY	11	26	1310	N23	W34	11	23.9		BG	FKI	620	17	17	3
9236		HOLL	11	26	1530	N18	W36	11	23.9		BG	DKO	590	26	9	3
9236	30169	MWIL	11	26	1530	N21	W34	11	24.0	6	(D)					
9236		VORO	11	26	2307	N20	W39	11	24.0			KI	956	8		3
9236		LEAR	11	27	0122	N19	W40	11	24.0		A	HKX	560	11	6	3
9236		TACH	11	27	0535	N22	W36	11	24.5			CAI	1036	15	14	3
9236		HOLL	11	27	1515	N19	W45	11	24.2		BG	EKO	750	14	12	2
9236	30169	MWIL	11	27	1545	N21	W47	11	24.0	6	(D)					
9236		RAMY	11	27	1845	N19	W47	11	24.2		B	EKO	610	11	15	3
9236		VORO	11	27	2336	N21	W53	11	23.9			HKX	875	7		3
9236		LEAR	11	28	0025	N20	W51	11	24.1		BG	DKO	580	10	8	3
9236		KAND	11	28	0755	N19	W58	11	23.9			HK		5	5	3
9236		SVTO	11	28	0805	N18	W55	11	24.1		BG	DKO	380	9	5	3
9236		RAMY	11	28	1238	N18	W60	11	23.9		B	CKO	600	8	8	4
9236	30169	MWIL	11	28	1530	N20	W61	11	24.0	5	(D)					
9236		VORO	11	28	2325	N20	W66	11	23.9			HKX	741	2		2
9236		LEAR	11	29	0148	N20	W67	11	23.9		A	HKX	360	5	5	3
9236		TACH	11	29	0517	N21	W70	11	23.8			HSX	312	4	2	3
9236		SVTO	11	29	0753	N19	W68	11	24.1		B	CAO	340	3	5	2
9236		RAMY	11	29	1230	N18	W73	11	24.0		A	HKX	450	1	8	4
9236	30169	MWIL	11	29	1530	N21	W74	11	24.0	5	(AP)					
9236		HOLL	11	29	1545	N19	W76	11	23.8		A	HKX	420	7	5	3
9236		VORO	11	30	0020	N21	W84	11	23.6			HKX	581	1		3
9236		TACH	11	30	0544	N20	W80	11	24.1			HSX	80	1	4	3
9236		SVTO	11	30	1108	N20	W82	11	24.2		A	HAX	150	1	3	3
9244		TACH	11	27	0535	N20	W20	11	25.7			BRO	14	8	11	3
9244		HOLL	11	27	1515	N15	W26	11	25.7		B	DAO	100	13	7	2
9244	30180	MWIL	11	27	1545	N16	W26	11	25.7	4	(BG)					
9244		RAMY	11	27	1845	N16	W28	11	25.6		B	CSO	50	19	7	3
9244		VORO	11	27	2336	N16	W30	11	25.7			CRI	163	12	6	3
9244		LEAR	11	28	0025	N15	W30	11	25.7		B	DAO	100	15	9	3
9244		KAND	11	28	0755	N15	W31	11	26.0			DSO		11	9	3
9244		SVTO	11	28	0805	N15	W34	11	25.8		B	DAO	70	13	9	3
9244		RAMY	11	28	1238	N15	W37	11	25.7		B	DAO	110	13	9	4
9244	30180	MWIL	11	28	1530	N16	W39	11	25.7	4	(BG)					
9244		VORO	11	28	2325	N16	W44	11	25.6			CAI	179	5	9	2
9244		LEAR	11	29	0148	N16	W44	11	25.7		B	DAO	90	7	9	3
9244		TACH	11	29	0517	N15	W43	11	26.0			CAI	101	10	15	3
9244		SVTO	11	29	0753	N15	W46	11	25.8		B	DAO	130	9	9	2
9244		RAMY	11	29	1230	N14	W51	11	25.7		B	CSO	110	7	10	4
9244	30180	MWIL	11	29	1530	N16	W55	11	25.5	5	(BP)					
9244		HOLL	11	29	1545	N15	W54	11	25.6		B	CAO	120	10	11	3
9244		VORO	11	30	0020	N16	W58	11	25.6			DAI	200	7	10	3
9244		TACH	11	30	0544	N15	W60	11	25.7			CAO	31	5	9	3
9244		SVTO	11	30	1108	N15	W64	11	25.6		B	DAO	140	8	8	3
9244		RAMY	11	30	1530	N15	W64	11	25.8		B	DAO	70	16	10	2
9244	30180	MWIL	11	30	1545	N16	W67	11	25.6	5	B					
9244		HOLL	11	30	1550	N15	W66	11	25.7		B	CAO	140	12	10	3

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

NOVEMBER 2000

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
9244		VORO	11	30	2327	N16	W65	11	26.0			HRX	89	1		2
9244		LEAR	12	01	0035	N17	W70	11	25.8		B	DSO	50	4	8	2
9244		TACH	12	01	0558	N15	W72	11	25.9			BRO	40	3	7	3
9244		SVTO	12	01	0725	N17	W75	11	25.7		B	DRO	90	5	10	2
9244		HOLL	12	01	1530	N15	W75	11	26.1		A	HAX	60	1	2	3
9244A		VORO	11	23	2321	N13	E39	11	26.9			BXO	7	2	2	3
9244A		LEAR	11	24	0042	N13	E40	11	27.0		A	AXX		1		3
9244A		KAND	11	24	0835	N14	E35	11	27.0			AX		1		3
9244A		RAMY	11	24	1217	N12	E33	11	27.0		B	BXO	20	2	3	3
9244A		SVTO	11	29	0753	N12	W38	11	26.5		A	AXX		1		2
9239		VORO	11	21	0044	S20	E84	11	27.4			HAX	168	1		3
9239		KAND	11	21	0850	S19	E85	11	27.8			HA		1	2	4
9239		RAMY	11	21	1315	S26	E77	11	27.5		A	HSX	60	1	3	3
9239	30173	MWIL	11	21	1715	S20	E79	11	27.8	4	AP					
9239		HOLL	11	21	1742	S18	E77	11	27.6		A	HSX	150	1	2	2
9239		LEAR	11	22	0158	S19	E74	11	27.7		A	HSX	60	1	2	3
9239		TACH	11	22	0655	S18	E71	11	27.7			HSX	70	1	1	3
9239		KAND	11	22	0850	S20	E71	11	27.8			HS		1	3	3
9239		SVTO	11	22	1200	S24	E68	11	27.7		A	HAX	110	1	2	2
9239		RAMY	11	22	1300	S25	E66	11	27.6		A	HSX	100	1	2	3
9239	30173	MWIL	11	22	1545	S20	E66	11	27.7	4	(AP)					
9239		HOLL	11	22	1727	S18	E66	11	27.7		A	HAX	100	1	2	2
9239		VORO	11	22	2352	S20	E62	11	27.7			HAX	172	3		2
9239		LEAR	11	23	0004	S20	E63	11	27.8		A	HSX	170	1	2	5
9239		KAND	11	23	0945	S19	E58	11	27.8			HA		1	3	3
9239		SVTO	11	23	1010	S20	E56	11	27.7		A	HSX	110	1	2	3
9239		RAMY	11	23	1225	S24	E53	11	27.6		A	HSX	110	1	3	3
9239	30173	MWIL	11	23	1630	S19	E54	11	27.8	4	(AP)					
9239		VORO	11	23	2321	S20	E49	11	27.7			HSX	204	1		3
9239		LEAR	11	24	0042	S20	E49	11	27.8		A	HSX	90	1	2	3
9239		TACH	11	24	0521	S19	E46	11	27.7			HSX	150	1	1	3
9239		SVTO	11	24	0829	S19	E45	11	27.8		A	HSX	140	1	3	2
9239		KAND	11	24	0835	S20	E46	11	27.9			HS		2	3	3
9239		RAMY	11	24	1217	S22	E40	11	27.6		A	HSX	110	1	3	3
9239		HOLL	11	24	1530	S18	E42	11	27.8		A	HAX	140	1	2	3
9239	30173	MWIL	11	24	1700	S20	E40	11	27.8	5	(AP)					
9239		LEAR	11	25	0055	S20	E36	11	27.8		A	HSX	120	1	2	3
9239		TACH	11	25	0613	S19	E32	11	27.7			HHX	250	1	2	3
9239		KAND	11	25	0855	S19	E32	11	27.8			HS		1	2	3
9239		RAMY	11	25	1217	S21	E28	11	27.6		A	HSX	120	1	3	3
9239		HOLL	11	25	1500	S21	E32	11	28.1		B	CSO	190	4	6	2
9239	30173	MWIL	11	25	1645	S20	E28	11	27.8	5	(AP)					
9239		VORO	11	26	0053	S20	E24	11	27.9			HKX	231	1		3
9239		LEAR	11	26	0200	S21	E22	11	27.8		A	HSX	150	1	2	2
9239		SVTO	11	26	0720	S20	E19	11	27.7		B	DSO	130	2	4	2
9239		TACH	11	26	0757	S19	E19	11	27.8			HHX	300	1	2	3
9239		RAMY	11	26	1310	S22	E15	11	27.7		B	CSO	170	2	3	3
9239	30173	MWIL	11	26	1530	S20	E15	11	27.8	6	(AP)					
9239		HOLL	11	26	1530	S21	E14	11	27.7		B	CSO	150	4	4	3
9239		VORO	11	26	2307	S20	E11	11	27.8			HSX	221	1		3
9239		LEAR	11	27	0122	S21	E09	11	27.7		A	HSX	150	1	3	3
9239		TACH	11	27	0535	S19	E09	11	27.9			HSX	250	1	2	3
9239		HOLL	11	27	1515	S20	E03	11	27.9		A	HSX	130	1	2	2
9239	30173	MWIL	11	27	1545	S22	E03	11	27.9	5	(BP)					
9239		RAMY	11	27	1845	S20	E02	11	27.9		A	HSX	130	2	2	3
9239		VORO	11	27	2336	S21	W02	11	27.8			HSX	248	1		3
9239		LEAR	11	28	0025	S20	W02	11	27.9		A	HSX	150	1	2	3
9239		KAND	11	28	0755	S20	W06	11	27.9			HS		1	3	3
9239		SVTO	11	28	0805	S21	W06	11	27.9		A	HSX	100	1	2	3
9239		RAMY	11	28	1238	S21	W09	11	27.8		A	HSX	120	1	3	4
9239	30173	MWIL	11	28	1530	S20	W11	11	27.8	5	(AP)					
9239		VORO	11	28	2325	S21	W15	11	27.8			HSX	232	1		2
9239		LEAR	11	29	0148	S20	W17	11	27.8		A	HSX	160	1	2	3
9239		TACH	11	29	0517	S20	W18	11	27.8			HSX	120	1	2	3
9239		SVTO	11	29	0753	S21	W18	11	27.9		B	CSO	100	2	3	2
9239		RAMY	11	29	1230	S21	W22	11	27.8		A	HSX	90	1	2	4
9239	30173	MWIL	11	29	1530	S20	W24	11	27.8	5	(AP)					

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

NOVEMBER 2000

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
9239		HOLL	11	29	1545	S21	W24	11	27.8		A	HAX	130	1	2	3
9239		VORO	11	30	0020	S21	W29	11	27.8			HSX	219	1		3
9239		TACH	11	30	0544	S20	W31	11	27.9			HSX	120	1	2	3
9239		SVTO	11	30	1108	S20	W35	11	27.8		A	HAX	80	3	2	3
9239		RAMY	11	30	1530	S21	W37	11	27.8		A	HAX	90	5	2	2
9239	30173	MWIL	11	30	1545	S20	W37	11	27.8	5	AP					
9239		HOLL	11	30	1550	S21	W37	11	27.8		A	HAX	120	4	3	3
9239		VORO	11	30	2327	S21	W42	11	27.7			HSX	257	1		2
9239		LEAR	12	01	0035	S18	W41	11	28.0		A	HSX	60	2	3	2
9239		TACH	12	01	0558	S20	W43	11	28.0			CAO	112	5	4	3
9239		SVTO	12	01	0725	S20	W45	11	28.0		B	DAO	150	7	4	2
9239		HOLL	12	01	1530	S21	W49	11	28.0		B	DAO	70	8	4	3
9239		LEAR	12	02	0110	S20	W56	11	27.9		A	HSX	40	2	2	3
9239		KAND	12	02	0720	S22	W60	11	27.8			HS		3	4	2
9239		SVTO	12	02	0725	S20	W56	11	28.1		B	DSO	70	5	5	3
9239		RAMY	12	02	1210	S22	W63	11	27.8		B	DSO	30	2	2	3
9239	30173	MWIL	12	02	1545	S20	W63	11	27.9	4	(AP)					
9239		LEAR	12	03	0151	S20	W70	11	27.8		A	HSX	10	1	1	2
9239		RAMY	12	03	1215	S22	W76	11	27.8		B	CSO	30	2	1	3
9239	30173	MWIL	12	03	1545	S21	W76	11	27.9	4	(AP)					
9239B	30184	MWIL	11	28	1530	S27	W04	11	28.3	3	(AP)					
9239A		KAND	11	24	0835	S05	E52	11	28.2			AX		1		3
9239A	30175	MWIL	11	24	1700	S05	E45	11	28.1	3	(AP)					
9239A	30181	MWIL	11	27	1545	S07	E13	11	28.6	4	(AP)					
9239A		LEAR	12	03	0151	S10	W67	11	28.1		A	HRX		1		2
9239A		RAMY	12	03	1215	S11	W75	11	28.0		A	AXX	10	1	1	3
9239A	30194	MWIL	12	03	1545	S11	W75	11	28.1	4	(B)					
9240		LEAR	11	22	0158	N09	E87	11	28.6		A	HSX	60	1	4	3
9240		KAND	11	22	0850	N10	E84	11	28.7			CAO		4	9	3
9240		SVTO	11	22	1200	N07	E76	11	28.2		B	DAO	150	3	8	2
9240		RAMY	11	22	1300	N04	E75	11	28.1		B	CSO	120	3	6	3
9240	30174	MWIL	11	22	1545	N10	E76	11	28.4	4	(AP)					
9240		HOLL	11	22	1727	N12	E74	11	28.3		B	CHO	170	4	7	2
9240		VORO	11	22	2352	N10	E73	11	28.5			HAX	439	3		2
9240		LEAR	11	23	0004	N09	E73	11	28.5		B	DAO	270	4	7	5
9240		KAND	11	23	0945	N10	E68	11	28.5			DAO		4	9	3
9240		SVTO	11	23	1010	N09	E64	11	28.2		B	DSO	290	4	7	3
9240		RAMY	11	23	1225	N05	E63	11	28.2		B	DSO	170	6	8	3
9240	30174	MWIL	11	23	1630	N09	E62	11	28.3	4	(AP)					
9240		VORO	11	23	2321	N10	E60	11	28.5			HAX	364	3		3
9240		LEAR	11	24	0042	N08	E58	11	28.4		B	DAO	150	4	3	3
9240		TACH	11	24	0521	N10	E56	11	28.4			HA	212	3	2	3
9240		SVTO	11	24	0829	N10	E53	11	28.3		B	CAO	170	3	7	2
9240		KAND	11	24	0835	N10	E56	11	28.6			CHO		4	7	3
9240		RAMY	11	24	1217	N06	E51	11	28.3		B	CSO	160	5	7	3
9240		HOLL	11	24	1530	N12	E51	11	28.5		B	CHI	220	4	7	3
9240	30174	MWIL	11	24	1700	N10	E50	11	28.5	5	(BP)					
9240		LEAR	11	25	0055	N09	E46	11	28.5		B	CKO	210	2	5	3
9240		TACH	11	25	0613	N10	E43	11	28.5			HHX	351	2	2	3
9240		KAND	11	25	0855	N11	E42	11	28.5			CHO		4	7	3
9240		RAMY	11	25	1217	N08	E40	11	28.5		B	DSO	190	7	7	3
9240		HOLL	11	25	1500	N12	E39	11	28.6		B	CHO	270	3	7	2
9240	30174	MWIL	11	25	1645	N10	E39	11	28.6	6	(BP)					
9240		VORO	11	26	0053	N10	E34	11	28.6			HKX	366	2		3
9240		LEAR	11	26	0200	N09	E33	11	28.6		B	CHO	220	9	10	2
9240		SVTO	11	26	0720	N10	E32	11	28.7		B	DAO	300	4	7	2
9240		TACH	11	26	0757	N10	E29	11	28.5			HHX	400	2	2	3
9240		RAMY	11	26	1310	N06	E30	11	28.8		B	CKO	400	22	14	3
9240		HOLL	11	26	1530	N08	E23	11	28.4		B	EAO	240	18	12	3
9240	30174	MWIL	11	26	1530	N10	E25	11	28.5	6	(BP)					
9240		VORO	11	26	2307	N09	E21	11	28.5			CKI	443	7	12	3
9240		LEAR	11	27	0122	N08	E22	11	28.7		B	CHO	230	5	7	3
9240		TACH	11	27	0535	N10	E17	11	28.5			CAI	468	9	11	3
9240		HOLL	11	27	1515	N09	E12	11	28.5		A	HAX	240	18	13	2
9240	30174	MWIL	11	27	1545	N10	E13	11	28.6	6	(BP)					
9240		RAMY	11	27	1845	N10	E10	11	28.5		B	EAO	170	29	16	3

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

NOVEMBER 2000

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
9240		VORO	11	27	2336	N10	E08	11	28.6			CSI	427	9	12	3
9240		LEAR	11	28	0025	N09	E11	11	28.8		B	DAO	260	19	12	3
9240		KAND	11	28	0755	N09	E06	11	28.8			DSI		13	9	3
9240		SVTO	11	28	0805	N07	E05	11	28.7		B	DAO	260	20	10	3
9240		RAMY	11	28	1238	N10	E03	11	28.7		B	DSC	310	28	9	4
9240	30174	MWIL	11	28	1530	N10	W01	11	28.6	6	(BG)					
9240		VORO	11	28	2325	N10	W03	11	28.7			DHI	672	8	7	2
9240		LEAR	11	29	0148	N08	W06	11	28.6		BG	DAO	260	13	7	3
9240		TACH	11	29	0517	N10	W10	11	28.5			CAI	390	14	10	3
9240		SVTO	11	29	0753	N09	W07	11	28.8		B	DAO	310	18	8	2
9240		RAMY	11	29	1230	N10	W12	11	28.6		B	DAI	330	23	9	4
9240	30187	MWIL	11	29	1530	N04	W21	11	28.1	4	(AP)					
9240	30174	MWIL	11	29	1530	N10	W15	11	28.5	6	(D)					
9240		HOLL	11	29	1545	N09	W14	11	28.6		B	CKO	280	39	10	3
9240		VORO	11	30	0020	N09	W19	11	28.6			DSI	428	12	4	3
9240		TACH	11	30	0544	N10	W19	11	28.8			CAI	448	16	7	3
9240		SVTO	11	30	1108	N09	W24	11	28.7		B	DSO	250	16	10	3
9240		RAMY	11	30	1530	N09	W27	11	28.6		B	DSO	190	10	6	2
9240	30174	MWIL	11	30	1545	N10	W27	11	28.6	5	BG					
9240		HOLL	11	30	1550	N09	W26	11	28.7		B	CSO	230	22	9	3
9240		VORO	11	30	2327	N09	W33	11	28.5			HHX	472	7		2
9240		LEAR	12	01	0035	N09	W32	11	28.7		B	CSO	110	5	6	2
9240		TACH	12	01	0558	N08	W32	11	28.9			CAI	310	11	7	3
9240		SVTO	12	01	0725	N10	W34	11	28.8		B	ESI	190	20	11	2
9240		HOLL	12	01	1530	N09	W39	11	28.8		B	DHO	110	10	9	3
9240		LEAR	12	02	0110	N10	W48	11	28.5		A	HSX	110	1	2	3
9240		KAND	12	02	0720	N09	W51	11	28.6			HS		1	3	2
9240		SVTO	12	02	0725	N10	W50	11	28.6		A	HSX	150	1	3	3
9240		RAMY	12	02	1210	N09	W55	11	28.5		A	HSX	140	1	2	3
9240	30174	MWIL	12	02	1545	N10	W56	11	28.5	5	(BP)					
9240		VORO	12	02	2337	N10	W59	11	28.6			HHX	352	1		3
9240		LEAR	12	03	0151	N10	W62	11	28.5		A	HSX	150	1	3	2
9240		RAMY	12	03	1215	N09	W69	11	28.4		A	HSX	140	1	2	3
9240	30174	MWIL	12	03	1545	N09	W69	11	28.6	5	(AP)					
9240		VORO	12	03	2324	N09	W73	11	28.6			HHX	463	1		2
9240		LEAR	12	04	0118	N10	W74	11	28.6		A	HSX	180	1	2	4
9240		RAMY	12	04	1550	N09	W81	11	28.7		A	HSX	90	1	2	1
9240	30174	MWIL	12	04	1730	N09	W84	11	28.5	4	(AP)					
9240		HOLL	12	04	1835	N07	W82	11	28.7		A	HSX	60	1	1	2
9240C	30183	MWIL	11	27	1545	N14	E26	11	29.6	4	(AF)					
9240C	30183	MWIL	11	28	1530	N14	E12	11	29.5	3	(AF)					
9240D	30182	MWIL	11	27	1545	S30	E24	11	29.5	3	(AF)					
9248		TACH	11	30	0544	N03	W07	11	29.7			AXX	2	1	1	3
9248		SVTO	11	30	1108	N04	W11	11	29.6		A	AXX		2	1	3
9248		RAMY	11	30	1530	N04	W12	11	29.7		A	AXX	10	3	2	2
9248	30191	MWIL	11	30	1545	N04	W13	11	29.7	3	AP					
9248		HOLL	11	30	1550	N04	W13	11	29.7		A	AXX	10	3	2	3
9248		LEAR	12	01	0035	N04	W19	11	29.7		A	AXX		1		2
9248		HOLL	12	01	1530	N04	W22	11	30.0		A	AXX	10	3	2	3
9248		RAMY	12	02	1210	N05	W36	11	29.9		B	BXO		3	3	3
9248		LEAR	12	03	0151	N06	W42	11	30.0		A	HSX		1	1	2
9248		RAMY	12	03	1215	N04	W49	11	29.9		B	DAO	40	5	4	3
9248	30195	MWIL	12	03	1545	N05	W51	11	29.9	4	(B)					
9248		LEAR	12	04	0118	N06	W55	11	30.0		A	HRX	10	1		4
9242		KAND	11	24	0835	N22	E80	11	30.5			AX		1		3
9242		RAMY	11	24	1217	N18	E76	11	30.3		B	CSO	40	2	2	3
9242		HOLL	11	24	1530	N23	E70	11	30.0		B	BXO	30	2	10	3
9242	30176	MWIL	11	24	1700	N21	E69	11	30.0	3	(B)					
9242		LEAR	11	25	0055	N22	E69	11	30.3		A	AXX		1		3
9242		RAMY	11	25	1217	N19	E63	11	30.3		B	CSO	30	2	2	3
9242		HOLL	11	25	1500	N24	E52	11	29.6		A	AXX	20	2	1	2
9242	30176	MWIL	11	25	1645	N21	E57	11	30.1	4	(B)					
9242		VORO	11	26	0053	N19	E49	11	29.8			CRO	65	4	5	3
9242		LEAR	11	26	0200	N19	E52	11	30.0		B	BXO	10	3	5	2
9242		SVTO	11	26	0720	N22	E48	11	30.0		B	ERO	50	5	11	2

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

NOVEMBER 2000

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
9242		RAMY	11	26	1310	N17	E43	11	29.8		B	BXO	30	4	5	3
9242	30179	MWIL	11	26	1530	N17	E43	11	29.9	3	AP					
9242		HOLL	11	26	1530	N20	E42	11	29.8		B	BXO	10	4	4	3
9242	30176	MWIL	11	26	1530	N21	E41	11	29.8	4	(AP)					
9242		LEAR	11	27	0122	N18	E36	11	29.8		B	CSO	20	5	3	3
9242		TACH	11	27	0535	N20	E35	11	29.9			BRO	24	5	4	3
9242		HOLL	11	27	1515	N20	E27	11	29.7		B	DAO	70	11	5	2
9242	30176	MWIL	11	27	1545	N20	E28	11	29.8	5	(BP)					
9242		RAMY	11	27	1845	N20	E25	11	29.7		B	CAO	60	6	4	3
9242		VORO	11	27	2336	N20	E25	11	29.9			CAI	173	4	4	3
9242		LEAR	11	28	0025	N19	E24	11	29.8		B	DAO	110	11	5	3
9242		KAND	11	28	0755	N20	E20	11	29.8			DSI		7	6	3
9242		SVTO	11	28	0805	N19	E17	11	29.6		B	DAO	130	8	7	3
9242		RAMY	11	28	1238	N20	E17	11	29.8		B	DAC	170	15	6	4
9242	30176	MWIL	11	28	1530	N20	E15	11	29.8	5	(BP)					
9242		VORO	11	28	2325	N21	E12	11	29.9			DAI	397	4	6	2
9242		LEAR	11	29	0148	N19	E10	11	29.8		B	DAO	110	10	7	3
9242		TACH	11	29	0517	N20	E08	11	29.8			CAI	175	7	6	3
9242		SVTO	11	29	0753	N20	E06	11	29.8		B	DAO	170	4	7	2
9242		RAMY	11	29	1230	N20	E03	11	29.7		B	DAO	160	8	8	4
9242	30176	MWIL	11	29	1530	N20	E02	11	29.8	5	(BP)					
9242		HOLL	11	29	1545	N20	E03	11	29.9		B	DAO	200	12	8	3
9242		VORO	11	30	0020	N21	W02	11	29.9			DSI	299	6	7	3
9242		TACH	11	30	0544	N20	W05	11	29.8			DAI	371	9	7	3
9242		SVTO	11	30	1108	N21	W08	11	29.8		B	DSO	180	10	8	3
9242		RAMY	11	30	1530	N20	W11	11	29.8		B	DSO	150	10	8	2
9242	30176	MWIL	11	30	1545	N21	W12	11	29.7	5	BP					
9242		HOLL	11	30	1550	N22	W12	11	29.7		B	DSO	240	13	10	3
9242		VORO	11	30	2327	N21	W15	11	29.8			DSI	335	4	8	2
9242		LEAR	12	01	0035	N22	W15	11	30.0		B	CSO	110	7	10	2
9242		TACH	12	01	0558	N20	W18	11	30.0			CAI	280	9	8	3
9242		SVTO	12	01	0725	N21	W18	11	30.0		B	EAI	220	11	12	2
9242		HOLL	12	01	1530	N20	W26	11	29.7		BG	DKI	170	13	10	3
9242		LEAR	12	02	0110	N22	W29	11	29.9		B	DSO	140	8	9	3
9242		KAND	12	02	0720	N21	W33	11	29.9			CSO		6	9	2
9242		SVTO	12	02	0725	N22	W32	11	29.9		B	DAI	230	11	10	3
9242		RAMY	12	02	1210	N20	W36	11	29.8		B	DSO	170	16	10	3
9242	30176	MWIL	12	02	1545	N21	W38	11	29.8	5	(BP)					
9242		VORO	12	02	2337	N21	W41	11	29.9			DAI	403	6	7	3
9242		LEAR	12	03	0151	N20	W42	11	30.0		B	DSO	180	12	10	2
9242		RAMY	12	03	1215	N20	W49	11	29.9		B	DSO	180	9	9	3
9242	30176	MWIL	12	03	1545	N20	W50	11	29.9	5	(BP)					
9242		VORO	12	03	2324	N20	W53	11	30.0			DAI	383	6	8	2
9242		LEAR	12	04	0118	N20	W56	11	29.9		B	DSO	200	9	10	4
9242		RAMY	12	04	1550	N20	W65	11	29.8		B	CAO	130	5	10	1
9242	30176	MWIL	12	04	1730	N20	W64	11	29.9	5	(BP)					
9242		HOLL	12	04	1835	N18	W66	11	29.8		B	CAO	240	4	4	2
9242		VORO	12	05	0004	N20	W71	11	29.7			HAX	273	1		2
9242		LEAR	12	05	0030	N21	W67	11	30.0		B	CAO	130	2	2	3
9242		KAND	12	05	0940	N19	W77	11	29.6			CSO		3	10	2
9242		RAMY	12	05	1230	N19	W75	11	29.9		B	CSO	120	2	8	3
9242		HOLL	12	05	1542	N18	W78	11	29.8		A	HAX	120	1	2	3
9242	30176	MWIL	12	05	1545	N20	W78	11	29.8	4	(AP)					
9242		LEAR	12	06	0024	N20	W82	11	29.8		A	HSX	60	1	1	4
9243		KAND	11	25	0855	S09	E62	11	30.0			AX		2	1	3
9243	30178	MWIL	11	25	1645	S12	E58	11	30.1	3	(AP)					
9243	30178	MWIL	11	26	1530	S11	E45	11	30.0	3	(AP)					
9243		TACH	11	27	0535	S10	E41	11	30.3			AXX	14	3	1	3
9243		HOLL	11	27	1515	S12	E34	11	30.2		B	BXO	20	6	3	2
9243	30178	MWIL	11	27	1545	S12	E33	11	30.1	4	(B)					
9243		RAMY	11	27	1845	S12	E31	11	30.1		B	DSO	20	8	3	3
9243		VORO	11	27	2336	S12	E28	11	30.1			HRX	37	1	2	3
9243		LEAR	11	28	0025	S12	E28	11	30.1		B	DRO	60	7	5	3
9243		KAND	11	28	0755	S12	E22	11	30.0			CSO		5	5	3
9243		SVTO	11	28	0805	S12	E24	11	30.1		B	DAO	40	7	6	3
9243		RAMY	11	28	1238	S11	E21	11	30.1		B	DAO	40	9	6	4
9243	30178	MWIL	11	28	1530	S11	E19	11	30.1	5	(B)					
9243		VORO	11	28	2325	S11	E14	11	30.0			CRO	70	3	5	2

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

NOVEMBER 2000

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
9243		LEAR	11	29	0148	S12	E12	11	30.0		B	DSO	30	4	6	3
9243		TACH	11	29	0517	S10	E11	11	30.0			CAO	70	3	5	3
9243		SVTO	11	29	0753	S11	E10	11	30.1		B	DAO	50	4	6	2
9243		RAMY	11	29	1230	S10	E07	11	30.0		B	DAO	50	5	6	4
9243	30178	MWIL	11	29	1530	S11	E06	11	30.1	5	(BP)					
9243		HOLL	11	29	1545	S10	E05	11	30.0		B	CAO	50	14	7	3
9243		VORO	11	30	0020	S10	E00	11	30.0			CRI	56	5	6	3
9243		TACH	11	30	0544	S09	W02	11	30.1			BRI	78	10	6	3
9243		SVTO	11	30	1108	S10	W06	11	30.0		B	DAO	70	13	9	3
9243		RAMY	11	30	1530	S11	W08	11	30.0		B	DSO	40	17	8	2
9243	30178	MWIL	11	30	1545	S10	W09	11	30.0	5	BP					
9243		HOLL	11	30	1550	S11	W07	11	30.1		B	CAO	60	18	8	3
9243		VORO	11	30	2327	S11	W13	11	30.0			CRI	124	5	6	2
9243		LEAR	12	01	0035	S10	W15	11	30.0		B	DSO	30	5	7	2
9243		TACH	12	01	0558	S08	W19	11	29.9			AR	41	3	1	3
9243		SVTO	12	01	0725	S08	W20	11	29.9		B	DSO	50	4	2	2
9243		HOLL	12	01	1530	S11	W22	11	30.0		B	CSO	20	10	8	3
9243		LEAR	12	02	0110	S10	W27	11	30.0		B	DAO	20	5	8	3
9243		KAND	12	02	0720	S11	W31	11	30.0			BXO		6	8	2
9243		SVTO	12	02	0725	S11	W32	11	30.0		B	DSO	60	8	9	3
9243		RAMY	12	02	1210	S11	W34	11	30.0		B	CSO	20	10	7	3
9243	30178	MWIL	12	02	1545	S10	W36	11	30.0	4	(B)					
9243		VORO	12	02	2337	S08	W43	11	29.9			AXX	15	1		3
9243		LEAR	12	03	0151	S11	W41	11	30.0		B	DSO	20	5	8	2
9243		RAMY	12	03	1215	S10	W47	11	30.0		B	DSO	40	6	8	3
9243	30178	MWIL	12	03	1545	S10	W50	11	30.0	4	(B)					
9243		LEAR	12	04	0118	S08	W58	11	29.8		A	HRX	10	1		4
9243	30178	MWIL	12	04	1730	S08	W68	11	29.7	3	(AP)					
9243D	30188	MWIL	11	29	1530	N05	E16	11	30.8	4	(AP)					

Stations reporting:

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