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

DECEMBER 1999

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
8789A		HOLL	11	25	1533	N04	E72	12	1.0		A	AX	10	1		3
8789B	29453	MWIL	11	26	1530	S18	E70	12	2.0	4	(AF)					
8789		SVTO	12	02	0749	N29	W02	12	2.2		B	BXO		3	4	3
8789		KAND	12	02	0820	N28	W01	12	2.3			BXO		3	4	4
8789	29463	MWIL	12	02	1530	N29	W05	12	2.2	3	(BP)					
8789		LEAR	12	03	0005	N29	W10	12	2.2		B	BXO	10	3	3	4
8789		HOLL	12	03	1600	N28	W20	12	2.1		B	BXO	10	2	2	3
8789		LEAR	12	05	0012	N29	W35	12	2.3		B	BXO		3	3	3
8786		SVTO	12	02	0749	N22	E01	12	2.4		B	CRO	10	4	4	3
8786		KAND	12	02	0820	N21	E01	12	2.4			BXO		4	4	4
8786	29464	MWIL	12	02	1530	N22	W03	12	2.4	3	(BG)					
8786		HOLL	12	02	1818	N22	W06	12	2.3		A	AX		1		3
8786		LEAR	12	03	0005	N21	W10	12	2.2		B	BXO		2	2	4
8786		HOLL	12	03	1600	N23	W26	12	1.7		B	BXO	20	2	3	3
8789C		HOLL	12	03	1600	N40	W13	12	2.6		B	CRO	20	4	4	3
8789C		LEAR	12	04	0008	N40	W15	12	2.8		A	AX		1		3
8784		VORO	11	26	2353	N30	E84	12	3.6			HRX	47	1		4
8784		KAND	11	30	0713	N30	E40	12	3.4			BXO		3	4	3
8784		RAMY	11	30	1236	N29	E38	12	3.5		B	BXO	10	3		3
8784		HOLL	11	30	1535	N31	E35	12	3.4		B	BXO	20	5	5	3
8784		VORO	11	30	2322	N31	E32	12	3.5			BXO	33	3	4	3
8784	29461	MWIL	11	30	2359	N29	E30	12	3.3	5	B					
8784		LEAR	12	01	0250	N30	E30	12	3.5		B	CRO	30	5	5	2
8784		KAND	12	01	0925	N29	E25	12	3.3			BXO		5	6	3
8784		SVTO	12	01	1154	N30	E23	12	3.3		B	DAO	20	3	6	2
8784	29461	MWIL	12	01	1545	N30	E20	12	3.2	4	(BP)					
8784		LEAR	12	02	0015	N30	E18	12	3.4		B	DSO	30	4	6	3
8784		SVTO	12	02	0749	N31	E12	12	3.3		B	CRO	10	4	6	3
8784		KAND	12	02	0820	N30	E13	12	3.4			BXO		5	6	4
8784	29461	MWIL	12	02	1530	N30	E10	12	3.4	3	(B)					
8784A	29468	MWIL	12	07	1600	N19	W37	12	4.8	3	(AP)					
8787		SVTO	12	02	0749	N13	E55	12	6.5		B	BXO		2	4	3
8787		KAND	12	02	0820	N12	E56	12	6.6			BXO		3	4	4
8787	29465	MWIL	12	02	1530	N13	E52	12	6.6	3	(B)					
8787		HOLL	12	02	1818	N14	E48	12	6.4		A	AX		2	1	3
8787		LEAR	12	03	0005	N10	E44	12	6.3		A	AX		1		4
8787		KAND	12	03	0910	N12	E39	12	6.3			AX		1	1	4
8787	29465	MWIL	12	03	1600	N12	E36	12	6.4	4	(AP)					
8787		HOLL	12	03	1600	N13	E33	12	6.1		B	BXO	20	3	2	3
8787		LEAR	12	04	0008	N11	E30	12	6.3		A	HR	10	1		3
8787		KAND	12	04	0730	N11	E25	12	6.2			BXO		2		4
8787		KAND	12	04	0730	N12	E31	12	6.6			AX		1		4
8787		SVTO	12	04	0813	N12	E24	12	6.1		A	HA	20	1	1	2
8787		RAMY	12	04	1222	N11	E25	12	6.4		B	BXO	10	2	5	2
8787	29465	MWIL	12	04	1545	N12	E23	12	6.4	4	(B)					
8787		HOLL	12	04	1618	N13	E23	12	6.4		B	BXO	10	2	6	4
8787		LEAR	12	05	0012	N11	E16	12	6.2		A	HS	10	1	1	3
8787	29465	MWIL	12	05	1545	N12	E10	12	6.4	4	(BP)					
8787		HOLL	12	05	1551	N13	E07	12	6.2		B	BXO	10	2	3	4
8787		VORO	12	05	2358	N14	E05	12	6.4			AXX	40	4	5	3
8787		LEAR	12	06	0127	N11	E04	12	6.4		B	CRO	10	2	5	3
8787		KAND	12	06	0730	N11	E01	12	6.4			BXO		4	3	3
8787		RAMY	12	06	1225	N11	W01	12	6.4		B	DSO	20	2	3	3
8787		SVTO	12	06	1249	N12	W02	12	6.4		B	DSO	20	2	4	2
8787	29465	MWIL	12	06	1600	N11	W02	12	6.5	4	(B)					
8787		HOLL	12	06	1620	N11	W04	12	6.4		B	BXO	20	5	5	2
8787		VORO	12	06	2336	N11	W08	12	6.4			HAX	25	4	5	3
8787		LEAR	12	07	0010	N11	W07	12	6.5		B	CRO	10	5	4	3
8787		SVTO	12	07	0741	N10	W13	12	6.3		B	BXO	10	4	5	3
8787		SVTO	12	08	0740	N12	W23	12	6.6		A	AX		1		3
8787		RAMY	12	08	1254	N12	W27	12	6.5		A	AX		1		3
8787		KAND	12	09	0715	N17	W40	12	6.3			AX		1	1	4

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8787		RAMY	12	09	1210	N13	W45	12	6.1		A	HS	10	1	1	3
8787	29473	MWIL	12	09	1700	N13	W47	12	6.2	3	(B)					
8787		HOLL	12	09	2010	N11	W49	12	6.1		B	BXO	20	3	3	3
8787		LEAR	12	10	0018	N13	W51	12	6.2		B	CRO	20	3	3	4
8787		SVTO	12	10	1159	N12	W56	12	6.3		B	BXO	10	2	4	2
8787		RAMY	12	11	1722	N17	W69	12	6.5		B	BXO		2	4	3
8785		VORO	11	30	2322	N14	E85	12	7.4			HAX	47	1		3
8785	29462	MWIL	11	30	2359	N13	E85	12	7.4	3	AP					
8785		LEAR	12	01	0250	N12	E80	12	7.1		A	AX	30	1	1	2
8785		KAND	12	01	0925	N13	E79	12	7.3			HS		1	3	3
8785		SVTO	12	01	1154	N15	E78	12	7.4		A	HS	90	1	3	2
8785	29462	MWIL	12	01	1545	N14	E74	12	7.2	4	(AP)					
8785		VORO	12	01	2334	N14	E72	12	7.4			HAX	110	1		2
8785		LEAR	12	02	0015	N13	E70	12	7.3		A	HA	220	2	3	3
8785		SVTO	12	02	0749	N15	E66	12	7.3		A	HS	100	2	2	3
8785		KAND	12	02	0820	N14	E66	12	7.3			HA		1	3	4
8785	29462	MWIL	12	02	1530	N14	E62	12	7.3	5	(AP)					
8785		HOLL	12	02	1818	N16	E59	12	7.2		A	HS	130	1	2	3
8785		VORO	12	02	2322	N14	E59	12	7.4			HAX	120	1		2
8785		LEAR	12	03	0005	N12	E56	12	7.2		A	HS	90	1	2	4
8785		KAND	12	03	0910	N13	E53	12	7.4			HS		1	3	4
8785	29462	MWIL	12	03	1600	N13	E48	12	7.3	5	(AP)					
8785		HOLL	12	03	1600	N15	E47	12	7.2		A	HS	120	3	5	3
8785		LEAR	12	04	0008	N12	E43	12	7.2		A	HS	80	1	2	3
8785		KAND	12	04	0730	N13	E41	12	7.4			CAO		6	5	4
8785		SVTO	12	04	0813	N14	E38	12	7.2		A	HS	130	1	3	2
8785		RAMY	12	04	1222	N11	E37	12	7.3		B	CSO	130	2	4	2
8785	29462	MWIL	12	04	1545	N13	E35	12	7.3	5	(AP)					
8785		HOLL	12	04	1618	N15	E34	12	7.2		A	HS	140	3	2	4
8785		LEAR	12	05	0012	N13	E31	12	7.3		B	CSO	90	5	3	3
8785		VORO	12	05	0120	N14	E30	12	7.3			HSX	188	1		3
8785		KAND	12	05	0915	N14	E26	12	7.3			HA		5	5	3
8785		RAMY	12	05	1508	N12	E23	12	7.4		B	DSO	170	5	3	2
8785	29462	MWIL	12	05	1545	N13	E22	12	7.3	5	(AP)					
8785		HOLL	12	05	1551	N14	E22	12	7.3		B	CSO	140	8	4	4
8785		LEAR	12	06	0127	N13	E17	12	7.3		B	CSO	90	3	3	3
8785		KAND	12	06	0730	N13	E15	12	7.4			CAO		6	9	3
8785		RAMY	12	06	1225	N13	E11	12	7.3		B	CAO	130	2	3	3
8785		SVTO	12	06	1249	N14	E10	12	7.3		A	HA	120	1	3	2
8785	29462	MWIL	12	06	1600	N13	E09	12	7.3	5	(AP)					
8785		HOLL	12	06	1620	N14	E08	12	7.3		B	CSO	210	7	5	2
8785		VORO	12	06	2336	N14	E08	12	7.6			HSX	105	5		3
8785		LEAR	12	07	0010	N13	E04	12	7.3		A	HS	150	3	3	3
8785		SVTO	12	07	0741	N14	W01	12	7.2		A	HA	170	1	3	3
8785		HOLL	12	07	1555	N14	W03	12	7.4		B	CSO	110	8	7	2
8785	29462	MWIL	12	07	1600	N14	W05	12	7.3	4	(BP)					
8785		VORO	12	07	2306	N14	W08	12	7.3			HSX	103	2		3
8785		LEAR	12	08	0043	N14	W09	12	7.3		A	HS	120	3	3	3
8785		SVTO	12	08	0740	N14	W11	12	7.5		B	CSO	180	5	7	3
8785		RAMY	12	08	1254	N14	W15	12	7.4		B	CSO	150	4	2	3
8785		KAND	12	08	1300	N14	W17	12	7.2			HA		2	3	1
8785	29462	MWIL	12	08	1700	N14	W18	12	7.3	4	(AP)					
8785		HOLL	12	08	1723	N14	W19	12	7.3		A	HS	150	3	2	2
8785		VORO	12	09	0045	N15	W22	12	7.4			HAX	98	2		3
8785		LEAR	12	09	0145	N14	W23	12	7.3		B	CSO	120	2	2	3
8785		KAND	12	09	0715	N14	W26	12	7.3			HA		2	3	4
8785		SVTO	12	09	1033	N14	W27	12	7.4		A	HS	90	1	2	3
8785		RAMY	12	09	1210	N15	W29	12	7.3		B	CSO	130	2	3	3
8785	29462	MWIL	12	09	1700	N15	W32	12	7.3	5	(AP)					
8785		HOLL	12	09	2010	N13	W35	12	7.2		A	HS	100	2	2	3
8785		LEAR	12	10	0018	N15	W36	12	7.3		A	HS	110	1	2	4
8785		VORO	12	10	0410	N14	W39	12	7.2			HAX	86	1		3
8785		SVTO	12	10	1159	N14	W42	12	7.3		A	HS	80	1	2	2
8785	29462	MWIL	12	10	1600	N15	W44	12	7.3	4	(AP)					
8785		RAMY	12	10	1650	N16	W45	12	7.3		A	HS	100	1	2	3
8785		LEAR	12	11	0025	N15	W49	12	7.3		B	CSO	90	3	2	2
8785		VORO	12	11	0107	N15	W50	12	7.3			HAX	87	1		3
8785		KAND	12	11	0855	N14	W50	12	7.6			CSO		4	14	3

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8785	29462	MWIL	12	11	1530	N15	W56	12	7.4	3	(AP)					
8785		RAMY	12	11	1722	N17	W60	12	7.2		A	HA	90	1	2	3
8785		VORO	12	11	2352	N15	W62	12	7.3			HAX	118	1		3
8785		LEAR	12	12	0135	N16	W62	12	7.4		A	HA	70	1	2	2
8785		SVTO	12	12	0727	N13	W67	12	7.2		A	HA	100	1	2	3
8785		KAND	12	12	0740	N13	W64	12	7.5			CSO		2	11	2
8785		HOLL	12	12	1528	N13	W67	12	7.6		B	CSO	60	2	7	2
8785	29462	MWIL	12	12	1530	N15	W66	12	7.6	5	(BP)					
8785		RAMY	12	12	1559	N16	W67	12	7.6		B	CSO	80	2	10	3
8785		VORO	12	12	2358	N15	W74	12	7.4			HAX	194	1		3
8785		LEAR	12	13	0120	N16	W75	12	7.4		A	HA	30	1	2	3
8785		KAND	12	13	0820	N14	W81	12	7.2			HA		1	1	3
8785A		RAMY	12	08	1254	S16	W09	12	7.8		A	AX		1		3
8785A	29474	MWIL	12	09	1700	S16	W23	12	8.0	3	(B)					
8785B		SVTO	12	12	0727	N12	W58	12	7.9		A	AX		1		3
8788	29466	MWIL	12	02	1530	N09	E80	12	8.6	4	(AP)					
8788		HOLL	12	02	1818	N13	E81	12	8.9		A	HK	180	1	5	3
8788		VORO	12	02	2322	N11	E79	12	8.9			HAX	271	1		2
8788		LEAR	12	03	0005	N09	E76	12	8.7		A	HA	150	1	2	4
8788		KAND	12	03	0910	N09	E79	12	9.3			EAO		4	15	4
8788	29466	MWIL	12	03	1600	N09	E71	12	9.0	4	(B)					
8788		HOLL	12	03	1600	N12	E74	12	9.2		B	EKO	440	12	15	3
8788		LEAR	12	04	0008	N09	E69	12	9.2		B	FKO	360	12	16	3
8788		KAND	12	04	0730	N10	E65	12	9.2			FAO		15	17	4
8788		SVTO	12	04	0813	N09	E65	12	9.2		B	FKO	770	10	18	2
8788		RAMY	12	04	1222	N08	E62	12	9.2		B	FKI	580	25	16	2
8788	29466	MWIL	12	04	1545	N09	E58	12	9.0	5	(D)					
8788		HOLL	12	04	1618	N12	E59	12	9.1		B	FKI	460	25	17	4
8788		LEAR	12	05	0012	N09	E55	12	9.1		B	FKO	530	13	17	3
8788		VORO	12	05	0120	N09	E49	12	8.7			HKX	473	4		3
8788		KAND	12	05	0915	N10	E50	12	9.1			FKI		15	16	3
8788		RAMY	12	05	1508	N09	E50	12	9.4		B	FKO	490	13	19	2
8788	29466	MWIL	12	05	1545	N10	E46	12	9.1	5	(BP)					
8788		HOLL	12	05	1551	N12	E46	12	9.1		BG	FKO	510	14	17	4
8788		VORO	12	05	2358	N10	E35	12	8.6			HKX	325	5		3
8788		LEAR	12	06	0127	N08	E41	12	9.1		B	FKO	540	13	16	3
8788		KAND	12	06	0730	N10	E37	12	9.1			FKI		18	17	3
8788		RAMY	12	06	1225	N09	E35	12	9.1		B	FKO	560	19	17	3
8788		SVTO	12	06	1249	N09	E35	12	9.2		B	FKI	480	16	18	2
8788	29466	MWIL	12	06	1600	N10	E33	12	9.1	5	(D)					
8788		HOLL	12	06	1620	N12	E32	12	9.1		B	FKO	620	21	17	2
8788		VORO	12	06	2336	N10	E22	12	8.6			HKX	492	3		3
8788		LEAR	12	07	0010	N09	E29	12	9.2		B	FKO	450	11	18	3
8788		SVTO	12	07	0741	N10	E24	12	9.1		BG	FKI	670	12	17	3
8788		HOLL	12	07	1555	N12	E19	12	9.1		B	BXO	600	22	19	2
8788	29466	MWIL	12	07	1600	N10	E21	12	9.2	5	(B)					
8788		VORO	12	07	2306	N10	E11	12	8.8			HKX	678	4	6	3
8788		LEAR	12	08	0043	N10	E16	12	9.2		B	FKO	520	14	18	3
8788		SVTO	12	08	0740	N11	E11	12	9.1		B	FKO	720	14	19	3
8788		RAMY	12	08	1254	N10	E09	12	9.2		BG	FHO	550	22	18	3
8788		KAND	12	08	1300	N10	E09	12	9.2			FKO		7	18	1
8788	29466	MWIL	12	08	1700	N10	E06	12	9.1	5	(B)					
8788		HOLL	12	08	1723	N12	E07	12	9.2		B	FHO	580	20	18	2
8788		VORO	12	09	0045	N10	W04	12	8.7			HRX	621	4	4	3
8788		LEAR	12	09	0145	N10	E02	12	9.2		B	FKO	560	13	18	3
8788		KAND	12	09	0715	N10	W01	12	9.2			FKO		12	18	4
8788		SVTO	12	09	1033	N11	W03	12	9.2		B	FKO	530	6	19	3
8788		RAMY	12	09	1210	N11	W03	12	9.3		B	FKO	630	11	18	3
8788	29466	MWIL	12	09	1700	N10	W07	12	9.2	5	(BG)					
8788		HOLL	12	09	2010	N10	W10	12	9.1		B	FHO	590	17	17	3
8788		LEAR	12	10	0018	N11	W10	12	9.3		B	FHO	520	16	18	4
8788		VORO	12	10	0410	N10	W22	12	8.5			HRX	633	3		3
8788		SVTO	12	10	1159	N11	W17	12	9.2		B	FKO	430	6	18	2
8788	29466	MWIL	12	10	1600	N10	W19	12	9.2	5	(B)					
8788		RAMY	12	10	1650	N11	W21	12	9.1		B	FKO	410	11	18	3
8788		LEAR	12	11	0025	N11	W25	12	9.1		B	FHO	430	10	17	2

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8788		VORO	12	11	0107	N10	W34	12	8.5			HRX	642	4		3
8788		KAND	12	11	0855	N10	W30	12	9.1			FHO		11	20	3
8788	29466	MWIL	12	11	1530	N10	W33	12	9.2	4	(B)					
8788		RAMY	12	11	1722	N12	W34	12	9.2		B	FKO	440	16	19	3
8788		VORO	12	11	2352	N10	W46	12	8.5			HRX	628	2		3
8788		LEAR	12	12	0135	N11	W38	12	9.2		B	FHO	370	9	18	2
8788		SVTO	12	12	0727	N08	W42	12	9.2		B	FKO	420	5	17	3
8788		KAND	12	12	0740	N10	W44	12	9.0			FHO		9	18	2
8788		HOLL	12	12	1528	N10	W48	12	9.0		B	FKO	350	8	17	2
8788	29466	MWIL	12	12	1530	N10	W45	12	9.3	6	(B)					
8788		RAMY	12	12	1559	N12	W47	12	9.1		B	FHO	360	7	18	3
8788		VORO	12	12	2343	N10	W58	12	8.6			HKX	381	1		2
8788		LEAR	12	13	0120	N11	W50	12	9.3		B	FHO	380	6	20	3
8788		KAND	12	13	0820	N09	W57	12	9.1			FHO		5	17	3
8788		RAMY	12	13	1112	N13	W60	12	8.9		B	FHO	290	8	17	2
8788		HOLL	12	13	1554	N09	W62	12	9.0		B	FHO	310	8	20	4
8788	29466	MWIL	12	13	1700	N10	W60	12	9.2	5	(B)					
8788		VORO	12	13	2348	N09	W71	12	8.7			HKX	259	1		2
8788		SVTO	12	14	0922	N08	W70	12	9.1		A	HA	180	1	2	3
8788		KAND	12	14	1200	N10	W70	12	9.2			FHO		4	18	4
8788	29466	MWIL	12	14	1545	N10	W73	12	9.2	4	(B)					
8788		HOLL	12	14	1622	N09	W75	12	9.0		B	FHO	280	5	21	2
8788		RAMY	12	14	1716	N14	W77	12	8.9		B	FHO	180	2	21	2
8788		KAND	12	15	0930	N11	W77	12	9.6			HA		1	2	3
8788	29466	MWIL	12	15	1545	N11	W79	12	9.7	4	(AF)					
8788A		VORO	12	05	0120	N11	E63	12	9.8			HAX	291	3		3
8788A		VORO	12	05	2358	N12	E49	12	9.7			HAX	204	3		3
8788A		VORO	12	06	2336	N12	E37	12	9.8			HAX	163	3		3
8788A		VORO	12	07	2306	N11	E24	12	9.8			HAX	143	3		3
8788A		VORO	12	09	0045	N11	E10	12	9.8			HAX	109	2		3
8788A		VORO	12	10	0410	N11	W06	12	9.7			HAX	89	2	1	3
8788A		VORO	12	11	0107	N11	W18	12	9.7			HAX	100	2	1	3
8788A		VORO	12	11	2352	N11	W31	12	9.7			HAX	138	4	1	3
8788A		VORO	12	12	2343	N11	W43	12	9.7			DAI	182	5	5	2
8788A		VORO	12	13	2348	N11	W58	12	9.6			DAI	140	8	9	2
8788A		SVTO	12	14	0922	N11	W65	12	9.5		A	HA	90	1	2	3
8788A		LEAR	12	15	0025	N11	W72	12	9.6		A	HA	100	1	2	3
8788A		RAMY	12	15	1302	N14	W78	12	9.6		A	HS	60	1	2	3
8788A		HOLL	12	15	1729	N19	W83	12	9.4		A	HA	60	2	10	2
8788A		VORO	12	15	2344	N11	W80	12	10.0			HAX	152	3	4	1
8790	29467	MWIL	12	05	1545	N07	E66	12	10.6	4	(BP)					
8790		HOLL	12	05	1551	N09	E66	12	10.6		A	AX	10	1		4
8790		VORO	12	05	2358	N08	E64	12	10.8			AXX	26	2		3
8790		LEAR	12	06	0127	N08	E60	12	10.5		B	BXO	10	2	4	3
8790		KAND	12	06	0730	N10	E57	12	10.6			BXI		5	3	3
8790		RAMY	12	06	1225	N08	E52	12	10.4		B	BXO	30	6	5	3
8790		SVTO	12	06	1249	N11	E55	12	10.7		B	CRO	20	4	5	2
8790	29467	MWIL	12	06	1600	N10	E51	12	10.5	4	(BG)					
8790		HOLL	12	06	1620	N12	E51	12	10.5		B	BXO	30	4	4	2
8790		VORO	12	06	2336	N11	E48	12	10.6			AXX	30	2		3
8790		LEAR	12	07	0010	N09	E48	12	10.6		B	BXO	10	4	4	3
8790		SVTO	12	07	0741	N11	E43	12	10.5		B	CRO	30	5	5	3
8790		HOLL	12	07	1555	N12	E37	12	10.4		B	FKO	20	4	4	2
8790	29467	MWIL	12	07	1600	N11	E37	12	10.4	3	(BG)					
8790		VORO	12	07	2306	N12	E35	12	10.6			AXX	31	3	5	3
8790		LEAR	12	08	0043	N11	E32	12	10.4		B	BXO	10	5	3	3
8790		SVTO	12	08	0740	N11	E29	12	10.5		B	DAO	40	5	4	3
8790		RAMY	12	08	1254	N09	E26	12	10.5		B	BXO	10	10	5	3
8790		KAND	12	08	1300	N11	E25	12	10.4			BXO		4	4	1
8790	29467	MWIL	12	08	1700	N10	E23	12	10.4	3	(BP)					
8790		HOLL	12	08	1723	N12	E23	12	10.4		B	CSO	20	4	5	2
8790		VORO	12	09	0045	N11	E19	12	10.5			AXX	38	4	4	3
8790		LEAR	12	09	0145	N11	E19	12	10.5		B	DSO	40	11	5	3
8790		KAND	12	09	0715	N12	E15	12	10.4			DXI		11	7	4
8790		SVTO	12	09	1033	N10	E14	12	10.5		B	DKO	40	4	5	3
8790		RAMY	12	09	1210	N13	E13	12	10.5		B	DSO	60	15	6	3
8790	29467	MWIL	12	09	1700	N12	E12	12	10.6	4	(B)					

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8790		HOLL	12	09	2010	N12	E08	12	10.4		B	DRI	80	21	7	3
8790		LEAR	12	10	0018	N11	E06	12	10.5		B	DSO	90	17	8	4
8790		VORO	12	10	0410	N11	E03	12	10.4			AXX	65	7	5	3
8790		SVTO	12	10	1159	N12	W01	12	10.4		B	DAI	120	10	8	2
8790	29467	MWIL	12	10	1600	N12	W04	12	10.4	3	(B)					
8790		RAMY	12	10	1650	N13	W04	12	10.4		B	DAO	60	14	7	3
8790		LEAR	12	11	0025	N12	W08	12	10.4		B	DAO	60	15	9	2
8790		VORO	12	11	0107	N11	W10	12	10.3			AXX	57	6	6	3
8790		KAND	12	11	0855	N11	W14	12	10.3			BXO		3	4	3
8790		KAND	12	11	0855	N13	W10	12	10.6			BXI		12	6	3
8790	29477	MWIL	12	11	1530	N14	W17	12	10.4	2	(AP)					
8790		RAMY	12	11	1722	N13	W18	12	10.4		B	CRO	20	17	9	3
8790		VORO	12	11	2352	N13	W20	12	10.5			AXX	61	5	3	3
8790		LEAR	12	12	0135	N14	W23	12	10.3		B	CRO	20	7	9	2
8790		SVTO	12	12	0727	N10	W28	12	10.2		B	BXO	10	6	13	3
8790		KAND	12	12	0740	N10	W29	12	10.1			BXO		4	8	2
8790		KAND	12	12	0740	N13	W25	12	10.4			CAO		3	7	2
8790		HOLL	12	12	1528	N12	W29	12	10.4		B	BXO	10	4	5	2
8790	29467	MWIL	12	12	1530	N11	W31	12	10.3	4	(BP)					
8790	29477	MWIL	12	12	1530	N15	W28	12	10.5	3	(B)					
8790		RAMY	12	12	1559	N13	W30	12	10.4		B	BXO	10	10	11	3
8790		VORO	12	12	2343	N11	W33	12	10.5			AXX	4	1		2
8790		LEAR	12	13	0120	N11	W33	12	10.6		B	BXO		3	3	3
8790		KAND	12	13	0820	N10	W45	12	10.0			AX		1		3
8790		RAMY	12	13	1112	N13	W49	12	9.8		A	AX		1		2
8790	29467	MWIL	12	13	1700	N11	W47	12	10.2	4	(BP)					
8790		KAND	12	14	1200	N10	W61	12	9.9			AX		1	1	4
8790	29467	MWIL	12	14	1545	N11	W62	12	10.0	3	(AP)					
8790		RAMY	12	14	1716	N15	W66	12	9.7		A	AX		1		2
8793		HOLL	12	07	1555	S16	E41	12	10.8		B	BXO	10	2	4	2
8793	29469	MWIL	12	07	1600	S17	E42	12	10.8	4	(B)					
8793		LEAR	12	08	0043	S19	E38	12	10.9		A	AX		1		3
8793		SVTO	12	08	0740	S17	E34	12	10.9		B	CSO	30	2	4	3
8793		RAMY	12	08	1254	S17	E29	12	10.7		B	BXO		2	6	3
8793		KAND	12	08	1300	S17	E31	12	10.9			AX		1	1	1
8793		LEAR	12	09	0145	S17	E21	12	10.7		A	AX		1		3
8793		KAND	12	09	0715	S17	E21	12	10.9			BXO		3	3	4
8793		SVTO	12	09	1033	S17	E17	12	10.7		A	HR	10	1	1	3
8793		RAMY	12	09	1210	S15	E21	12	11.1		B	BXO	20	8	10	3
8793	29475	MWIL	12	09	1700	S17	E14	12	10.8	4	(BP)					
8793		HOLL	12	09	2010	S17	E13	12	10.8		B	CRO	30	8	4	3
8793		LEAR	12	10	0018	S17	E10	12	10.8		B	CAO	30	7	4	4
8793		SVTO	12	10	1159	S16	E03	12	10.7		A	HS	20	1	1	2
8793	29475	MWIL	12	10	1600	S16	W01	12	10.6	3	(AP)					
8793		RAMY	12	10	1650	S16	W02	12	10.5		A	HS	20	1	1	3
8793		LEAR	12	11	0025	S16	W06	12	10.6		A	HS	20	1	1	2
8793		KAND	12	11	0855	S16	W11	12	10.5			HS		1	1	3
8793	29475	MWIL	12	11	1530	S16	W15	12	10.5	3	(AP)					
8793		RAMY	12	11	1722	S16	W14	12	10.7		B	BXO	10	5	6	3
8793		LEAR	12	12	0135	S16	W21	12	10.5		A	HS	10	1	1	2
8793		SVTO	12	12	0727	S18	W24	12	10.5		A	AX		1		3
8793		KAND	12	12	0740	S17	W24	12	10.5			AX		1		2
8793		HOLL	12	12	1528	S17	W28	12	10.5		A	AX	10	1		2
8793	29475	MWIL	12	12	1530	S17	W29	12	10.4	4	(AP)					
8793		RAMY	12	12	1559	S17	W29	12	10.5		A	AX		1		3
8793		LEAR	12	13	0120	S17	W34	12	10.5		A	AX		1		3
8793		HOLL	12	15	1729	S16	W67	12	10.6		A	AX	10	1		2
8795	29476	MWIL	12	09	1700	S12	E22	12	11.4	4	(B)					
8795		HOLL	12	09	2010	S11	E21	12	11.4		B	DRO	30	4	3	3
8795		LEAR	12	10	0018	S12	E18	12	11.4		B	DSO	40	4	4	4
8795		VORO	12	10	0410	S15	E12	12	11.1			HAX	66	5	11	3
8795		SVTO	12	10	1159	S13	E13	12	11.5		B	DAO	80	3	5	2
8795	29476	MWIL	12	10	1600	S13	E10	12	11.4	4	(B)					
8795		RAMY	12	10	1650	S12	E09	12	11.4		B	DAO	90	5	5	3
8795		LEAR	12	11	0025	S12	E05	12	11.4		B	DAO	70	9	5	2
8795		VORO	12	11	0107	S15	W00	12	11.0			HAX	72	6	13	3
8795		KAND	12	11	0855	S12	W06	12	10.9			DAO		8	5	3

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8795	29476	MWIL	12	11	1530	S12	W03	12	11.4	3	(B)					
8795		RAMY	12	11	1722	S12	W05	12	11.3		B	DAO	50	11	5	3
8795		VORO	12	11	2352	S16	W13	12	11.0			HAX	92	5	14	3
8795		LEAR	12	12	0135	S12	W09	12	11.4		B	DAO	60	6	5	2
8795		SVTO	12	12	0727	S14	W13	12	11.3		B	DAO	50	2	6	3
8795		KAND	12	12	0740	S13	W12	12	11.4			DSO		4	5	2
8795		HOLL	12	12	1528	S12	W17	12	11.4		B	DSO	40	4	5	2
8795	29476	MWIL	12	12	1530	S13	W17	12	11.4	5	(B)					
8795		RAMY	12	12	1559	S13	W17	12	11.4		B	DSO	30	5	5	3
8795		VORO	12	12	2343	S13	W21	12	11.4			DAO	59	3	4	2
8795		LEAR	12	13	0120	S13	W22	12	11.4		B	DAO	20	3	6	3
8795		KAND	12	13	0820	S14	W25	12	11.4			DAO		6	5	3
8795		RAMY	12	13	1112	S12	W29	12	11.3		B	BXO	10	5	4	2
8795		HOLL	12	13	1554	S13	W30	12	11.4		B	BXO	10	5	5	4
8795	29476	MWIL	12	13	1700	S13	W30	12	11.4	4	(B)					
8795		VORO	12	13	2348	S13	W34	12	11.4			BXO	15	3	3	2
8795		SVTO	12	14	0922	S14	W39	12	11.4		B	DRO	30	3	4	3
8795		KAND	12	14	1200	S13	W40	12	11.5			BXO		2	4	4
8795	29476	MWIL	12	14	1545	S13	W43	12	11.4	4	(B)					
8795		HOLL	12	14	1622	S13	W43	12	11.4		B	BXO		2	4	2
8795		RAMY	12	14	1716	S09	W44	12	11.4		B	BXO		3	4	2
8795	29476	MWIL	12	15	1545	S13	W56	12	11.4	4	(AP)					
8791		SVTO	12	07	0741	S14	E78	12	13.2		A	HR	20	1	1	3
8791		HOLL	12	07	1555	S12	E70	12	12.9		A	AX	10	1		2
8791	29470	MWIL	12	07	1600	S15	E70	12	13.0	3	(AP)					
8791		LEAR	12	08	0043	S15	E64	12	12.9		A	AX		2		3
8791		SVTO	12	08	0740	S13	E62	12	13.0		B	DRO	10	3	5	3
8791		RAMY	12	08	1254	S15	E60	12	13.1		B	BXO	10	3	3	3
8791		KAND	12	08	1300	S14	E57	12	12.8			AX		1	1	1
8791	29470	MWIL	12	08	1700	S15	E55	12	12.9	3	(AP)					
8791		HOLL	12	08	1723	S12	E54	12	12.8		A	AX	10	1		2
8791		LEAR	12	09	0145	S15	E48	12	12.7		A	HR	10	1		3
8791		KAND	12	09	0715	S13	E47	12	12.8			AX		1	1	4
8791		RAMY	12	09	1210	S15	E43	12	12.8		A	AX		1		3
8791	29470	MWIL	12	09	1700	S14	E40	12	12.7	3	(AP)					
8791		HOLL	12	09	2010	S13	E38	12	12.7		B	BXO	10	2	3	3
8791		LEAR	12	10	0018	S15	E35	12	12.7		A	AX		1		4
8796	29478	MWIL	12	12	1530	S28	E15	12	13.8	4	(AP)					
8796		RAMY	12	12	1559	S28	E13	12	13.7		A	AX		1		3
8796		LEAR	12	13	0120	S26	E09	12	13.7		B	CRO	10	2	3	3
8796		KAND	12	13	0820	S26	E05	12	13.7			HS		1	1	3
8796		RAMY	12	13	1112	S27	E01	12	13.5		B	BXO	10	2	3	2
8796		HOLL	12	13	1554	S27	E02	12	13.8		B	CSO	10	2	3	4
8796	29478	MWIL	12	13	1700	S27	W00	12	13.7	4	(BP)					
8796		VORO	12	13	2348	S26	W05	12	13.6			AXX	4	1		2
8796		SVTO	12	14	0922	S27	W11	12	13.5		A	HS	10	1	1	3
8796		KAND	12	14	1200	S26	W13	12	13.5			AX		1	1	4
8796	29478	MWIL	12	14	1545	S26	W15	12	13.5	4	(AP)					
8796		HOLL	12	14	1622	S27	W14	12	13.6		A	AX		1		2
8796		RAMY	12	14	1716	S24	W17	12	13.4		A	AX		1		2
8796		VORO	12	14	2356	S26	W19	12	13.5			AXX	9	1		2
8796		LEAR	12	15	0025	S26	W20	12	13.5		A	AX		1		3
8796		KAND	12	15	0930	S25	W23	12	13.6			AX		1		3
8796		RAMY	12	15	1302	S24	W26	12	13.5		A	AX		1		3
8796	29478	MWIL	12	15	1545	S25	W23	12	13.9	4	(BP)					
8796		HOLL	12	15	1729	S27	W28	12	13.5		A	AX		1		2
8796		VORO	12	15	2344	S27	W32	12	13.5			AXX	7	1		1
8796		LEAR	12	16	0037	S25	W33	12	13.5		A	AX		1		5
8796		KAND	12	16	0940	S25	W38	12	13.4			HR		1	1	2
8796	29478	MWIL	12	16	1545	S25	W41	12	13.5	4	(AP)					
8796		RAMY	12	16	1724	S23	W43	12	13.4		A	AX		1		2
8796		HOLL	12	16	1830	S27	W43	12	13.4		A	AX	10	1		2
8796		VORO	12	16	2346	S26	W46	12	13.4			AXX	5	2		2
8796		LEAR	12	17	0040	S25	W46	12	13.5		A	AX		1		5
8792		LEAR	12	08	0043	N16	E79	12	14.0		A	HA	30	1	2	3
8792		SVTO	12	08	0740	N18	E80	12	14.4		A	HA	100	1	3	3

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8792		RAMY	12	08	1254	N16	E75	12	14.2		A	HA	80	1	2	3
8792		KAND	12	08	1300	N17	E76	12	14.3			HA		1	3	1
8792	29471	MWIL	12	08	1700	N17	E70	12	14.0	4	(AP)					
8792		HOLL	12	08	1723	N19	E71	12	14.1		A	HS	180	1	2	2
8792		VORO	12	09	0045	N17	E68	12	14.2			HAX	143	2		3
8792		LEAR	12	09	0145	N16	E67	12	14.1		A	HA	90	1	2	3
8792		KAND	12	09	0715	N18	E66	12	14.3			HA		2	3	4
8792		SVTO	12	09	1033	N17	E65	12	14.4		B	HS	40	1	2	3
8792		RAMY	12	09	1210	N16	E61	12	14.1		B	CSO	100	3	3	3
8792	29471	MWIL	12	09	1700	N17	E60	12	14.3	4	(AP)					
8792		HOLL	12	09	2010	N19	E56	12	14.1		A	HA	100	2	2	3
8792		LEAR	12	10	0018	N16	E55	12	14.2		B	CAO	60	3	2	4
8792		VORO	12	10	0410	N18	E53	12	14.2			HAX	94	1		3
8792		SVTO	12	10	1159	N17	E51	12	14.4		B	CAO	80	2	2	2
8792	29471	MWIL	12	10	1600	N17	E47	12	14.2	4	(AP)					
8792		RAMY	12	10	1650	N17	E46	12	14.2		A	HA	50	2	2	3
8792		LEAR	12	11	0025	N17	E42	12	14.2		B	DAO	60	3	3	2
8792		VORO	12	11	0107	N17	E42	12	14.2			HAX	79	3		3
8792		KAND	12	11	0855	N17	E38	12	14.2			CAO		3	3	3
8792	29471	MWIL	12	11	1530	N18	E34	12	14.2	3	(AP)					
8792		RAMY	12	11	1722	N16	E33	12	14.2		B	CAO	100	4	3	3
8792		VORO	12	11	2352	N17	E29	12	14.2			HAX	73	3		3
8792		LEAR	12	12	0135	N17	E28	12	14.2		B	DAO	40	4	3	2
8792		SVTO	12	12	0727	N17	E25	12	14.2		B	CAO	40	4	5	3
8792		KAND	12	12	0740	N16	E24	12	14.1			DAO		7	6	2
8792		HOLL	12	12	1528	N18	E20	12	14.2		B	CSO	20	4	3	2
8792	29471	MWIL	12	12	1530	N17	E20	12	14.2	4	(BP)					
8792		RAMY	12	12	1559	N16	E21	12	14.2		B	CSO	20	4	2	3
8792		VORO	12	12	2343	N17	E16	12	14.2			HAX	20	1		2
8792		LEAR	12	13	0120	N16	E15	12	14.2		B	CAO	10	3	3	3
8792		KAND	12	13	0820	N16	E11	12	14.2			HA		2	2	3
8792		RAMY	12	13	1112	N18	E09	12	14.1		B	BXO		3	3	2
8792		HOLL	12	13	1554	N18	E04	12	14.0		B	CSO	10	2	4	4
8792	29471	MWIL	12	13	1700	N17	E05	12	14.1	4	(AP)					
8792		VORO	12	13	2348	N17	E03	12	14.2			AXX	10	1		2
8792		SVTO	12	14	0922	N16	W03	12	14.2		A	HA	10	1	1	3
8792		KAND	12	14	1200	N16	W04	12	14.2			AX		1	1	4
8792	29471	MWIL	12	14	1545	N18	W07	12	14.1	4	(AP)					
8792		HOLL	12	14	1622	N17	W08	12	14.1		A	AX		1		2
8792		RAMY	12	14	1716	N21	W08	12	14.1		B	BXO	10	5	4	2
8792		LEAR	12	15	0025	N19	W13	12	14.0		B	BXO	10	3	2	3
8792		RAMY	12	15	1302	N20	W18	12	14.2		B	BXO		3	6	3
8792	29471	MWIL	12	15	1545	N20	W21	12	14.0	4	(AP)					
8794		SVTO	12	08	0740	S13	E85	12	14.7		A	HS	40	1	5	3
8794		RAMY	12	08	1254	S16	E79	12	14.5		A	HA	20	1	1	3
8794		KAND	12	08	1300	S14	E78	12	14.4			HS		1	2	1
8794	29472	MWIL	12	08	1700	S15	E71	12	14.1	3	(AP)					
8794		HOLL	12	08	1723	S12	E74	12	14.3		A	HS	40	1	1	2
8794		VORO	12	09	0045	S14	E70	12	14.3			HRX	48	1		3
8794		LEAR	12	09	0145	S15	E69	12	14.3		A	HS	60	1	1	3
8794		KAND	12	09	0715	S13	E67	12	14.3			HS		1	2	4
8794		SVTO	12	09	1033	S14	E67	12	14.5		A	HS	40	1	1	3
8794		RAMY	12	09	1210	S15	E62	12	14.2		A	HS	40	1	1	3
8794	29472	MWIL	12	09	1700	S15	E65	12	14.6	4	(B)					
8794		HOLL	12	09	2010	S12	E65	12	14.7		B	ESO	60	4	12	3
8794		LEAR	12	10	0018	S15	E55	12	14.2		A	HS	30	1	1	4
8794		VORO	12	10	0410	S13	E55	12	14.3			HRX	56	1		3
8794		SVTO	12	10	1159	S14	E52	12	14.4		A	HS	30	1	2	2
8794	29472	MWIL	12	10	1600	S14	E48	12	14.3	3	(AP)					
8794		RAMY	12	10	1650	S14	E47	12	14.2		A	HS	30	1	1	3
8794		LEAR	12	11	0025	S14	E43	12	14.3		A	HS	30	1	2	2
8794		VORO	12	11	0107	S14	E44	12	14.4			AXX	20	1		3
8794		KAND	12	11	0855	S13	E40	12	14.4			CAO		3	3	3
8794	29472	MWIL	12	11	1530	S12	E35	12	14.3	3	(AP)					
8794		RAMY	12	11	1722	S15	E34	12	14.3		B	CSO	30	2	3	3
8794		VORO	12	11	2352	S13	E31	12	14.3			AXX	28	1		3
8794		LEAR	12	12	0135	S14	E30	12	14.3		B	CSO	40	3	3	2
8794		SVTO	12	12	0727	S13	E28	12	14.4		B	CSO	20	2	4	3

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Time Mo	Day	(UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
8794		KAND	12	12	0740	S13	E27	12	14.3			CSO		2	3	2
8794		HOLL	12	12	1528	S12	E23	12	14.4		B	CSO	30	2	3	2
8794	29472	MWIL	12	12	1530	S14	E26	12	14.6	5	(BP)					
8794		RAMY	12	12	1559	S16	E23	12	14.4		B	CRO	20	2	3	3
8794		VORO	12	12	2343	S13	E18	12	14.3			HAX	44	1		2
8794		LEAR	12	13	0120	S13	E17	12	14.3		B	CSO	20	6	6	3
8794		KAND	12	13	0820	S14	E15	12	14.5			CAO		4	6	3
8794		RAMY	12	13	1112	S13	E11	12	14.3		B	CRO	10	4	5	2
8794		HOLL	12	13	1554	S12	E10	12	14.4		B	CSO	30	5	4	4
8794	29472	MWIL	12	13	1700	S13	E09	12	14.4	4	(AP)					
8794		VORO	12	13	2348	S13	E07	12	14.5			BXO	14	3	3	2
8794		SVTO	12	14	0922	S14	W01	12	14.3		A	HA	10	1	1	3
8794		KAND	12	14	1200	S13	W01	12	14.4			CSO		7	6	4
8794	29472	MWIL	12	14	1545	S15	E00	12	14.6	4	(BP)					
8794		HOLL	12	14	1622	S13	W04	12	14.4		A	HS	20	1		2
8794		RAMY	12	14	1716	S11	W03	12	14.5		B	BXO	10	6	5	2
8794		VORO	12	14	2356	S15	W05	12	14.6			BXI	28	8	7	2
8794		LEAR	12	15	0025	S14	W05	12	14.6		B	CSO	30	7	9	3
8794		KAND	12	15	0930	S14	W09	12	14.7			BXO		3	8	3
8794		RAMY	12	15	1302	S13	W18	12	14.2		B	BXO	10	7	12	3
8794	29472	MWIL	12	15	1545	S14	W15	12	14.5	4	(BP)					
8794		HOLL	12	15	1729	S14	W16	12	14.5		B	BXO	10	2	4	2
8794		VORO	12	15	2344	S15	W15	12	14.8			BXI	32	3	8	1
8794		LEAR	12	16	0037	S14	W15	12	14.9		B	BXO	30	10	11	5
8794	29472	MWIL	12	16	1545	S14	W27	12	14.6	4	(AP)					
8794		VORO	12	16	2346	S17	W26	12	15.0			AXX	14	2		2
8794		LEAR	12	17	0040	S14	W28	12	14.9		B	BXO	20	10	9	5
8794		LEAR	12	18	0202	S15	W41	12	15.0		B	BXO		2	2	4
8794		RAMY	12	18	1301	S16	W48	12	14.9		A	AX		2	1	4
8794	29472	MWIL	12	18	1545	S16	W48	12	15.0	4	(AF)					
8794		HOLL	12	18	1609	S17	W48	12	15.0		A	AX		1		4
8797		LEAR	12	13	0120	S35	E23	12	14.9		B	BXO		2	3	3
8797		KAND	12	13	0820	S33	E20	12	14.9			BXO		7	4	3
8797		RAMY	12	13	1112	S34	E15	12	14.7		B	BXO	10	6	6	2
8797		HOLL	12	13	1554	S32	E16	12	14.9		B	BXO	20	8	6	4
8797	29479	MWIL	12	13	1700	S34	E14	12	14.8	4	(BP)					
8797		VORO	12	13	2348	S33	E11	12	14.9			BXI	29	7	4	2
8797		SVTO	12	14	0922	S34	E06	12	14.9		B	DAI	80	6	5	3
8797		KAND	12	14	1200	S33	E03	12	14.7			CSO		8	5	4
8797	29479	MWIL	12	14	1545	S33	E02	12	14.8	4	(BP)					
8797		HOLL	12	14	1622	S33	E02	12	14.8		B	CAO	80	9	8	2
8797		RAMY	12	14	1716	S32	W01	12	14.6		B	CAO	50	12	7	2
8797		VORO	12	14	2356	S34	W03	12	14.7			DAI	141	9	4	2
8797		LEAR	12	15	0025	S33	W04	12	14.7		B	DAO	80	10	7	3
8797		KAND	12	15	0930	S33	W08	12	14.8			CAO		10	7	3
8797		RAMY	12	15	1302	S33	W12	12	14.6		B	CSO	80	11	7	3
8797	29479	MWIL	12	15	1545	S33	W13	12	14.6	4	(BP)					
8797		HOLL	12	15	1729	S33	W12	12	14.8		B	DSO	110	7	8	2
8797		VORO	12	15	2344	S35	W16	12	14.7			DAI	196	6	6	1
8797		LEAR	12	16	0037	S32	W17	12	14.7		B	DSO	100	11	7	5
8797		KAND	12	16	0940	S32	W22	12	14.7			DAO		7	6	2
8797	29479	MWIL	12	16	1545	S33	W25	12	14.7	4	(B)					
8797		RAMY	12	16	1724	S32	W28	12	14.5		B	DAO	60	4	6	2
8797		HOLL	12	16	1830	S34	W25	12	14.8		B	DSO	90	19	10	2
8797		VORO	12	16	2346	S34	W28	12	14.7			DAI	159	10	9	2
8797		LEAR	12	17	0040	S32	W29	12	14.7		B	DSO	80	14	8	5
8797		KAND	12	17	0655	S33	W32	12	14.7			DAO		8	7	3
8797	29479	MWIL	12	17	1530	S33	W37	12	14.7	5	(BP)					
8797		RAMY	12	17	1600	S32	W37	12	14.7		B	DAO	40	4	7	2
8797		HOLL	12	17	1621	S35	W38	12	14.6		B	DSO	40	6	8	3
8797		VORO	12	18	0010	S34	W43	12	14.6			BXO	22	3	5	2
8797		LEAR	12	18	0202	S32	W44	12	14.6		B	CRO	30	5	6	4
8797		KAND	12	18	0925	S33	W50	12	14.4			AX		1		3
8797		RAMY	12	18	1301	S31	W53	12	14.4		A	AX	10	2	1	4
8797	29479	MWIL	12	18	1545	S32	W53	12	14.5	4	(AP)					
8797		HOLL	12	18	1609	S34	W52	12	14.5		A	AX		1		4
8797		LEAR	12	19	0110	S32	W53	12	14.8		A	AX		1		3
8801		KAND	12	14	1200	S23	E08	12	15.1			AX		3	3	4

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Time Mo	Day	(UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
8801	29482	MWIL	12	14	1545	S23	E05	12	15.0	4	(B)					
8801		HOLL	12	14	1622	S23	E03	12	14.9		B	BXO		2	2	2
8801		RAMY	12	14	1716	S19	E03	12	14.9		B	BXO		4	5	2
8801		LEAR	12	15	0025	S21	E01	12	15.1		B	BXO		2	1	3
8801		RAMY	12	15	1302	S20	W08	12	14.9		B	BXO	10	7	9	3
8801	29482	MWIL	12	15	1545	S22	W07	12	15.1	4	(AF)					
8801		HOLL	12	15	1729	S25	W11	12	14.9		A	AX		1		2
8801		LEAR	12	16	0037	S19	W15	12	14.9		A	AX		1		5
8805		VORO	12	14	2356	N17	E11	12	15.8			AXX	18	2		2
8805		LEAR	12	17	0040	N18	W13	12	16.0		A	AX		2	2	5
8805	29487	MWIL	12	17	1530	N18	W22	12	16.0	5	(AP)					
8805		RAMY	12	17	1600	N18	W23	12	15.9		A	HS	10	1		2
8805		HOLL	12	17	1621	N17	W25	12	15.8		A	AX	10	2		3
8805		VORO	12	17	2356	N17	W28	12	15.9			AXX	11	1		2
8805		LEAR	12	18	0202	N18	W29	12	15.9		A	AX		1		4
8805		KAND	12	18	0925	N18	W34	12	15.8			AX		1		3
8805		RAMY	12	18	1301	N19	W36	12	15.8		A	AX		1		4
8805		VORO	12	19	0055	N16	W40	12	16.0			AXX	4	1		3
8802	29484	MWIL	12	16	1545	S22	E08	12	17.3	4	(B)					
8802		RAMY	12	16	1724	S23	E05	12	17.1		B	BXO	10	4	3	2
8802		HOLL	12	16	1830	S23	E08	12	17.4		B	BXO	10	4	3	2
8802A		LEAR	12	16	0037	S15	E28	12	18.1		A	AX	10	2		5
8803		RAMY	12	13	1112	S11	E78	12	19.3		B	BXO		2	5	2
8803		VORO	12	14	2356	S15	E49	12	18.7			AXX	10	1		2
8803		KAND	12	16	0940	S12	E31	12	18.7			BXO		5	4	2
8803	29485	MWIL	12	16	1545	S12	E28	12	18.8	4	(BP)					
8803		RAMY	12	16	1724	S15	E26	12	18.7		B	DSO	40	10	4	2
8803		HOLL	12	16	1830	S13	E27	12	18.8		B	CRO	40	14	4	2
8803		VORO	12	16	2346	S13	E24	12	18.8			DAI	95	9	4	2
8803		LEAR	12	17	0040	S13	E23	12	18.8		B	DSO	50	13	5	5
8803		KAND	12	17	0655	S12	E20	12	18.8			CAO		20	6	3
8803	29485	MWIL	12	17	1530	S13	E15	12	18.8	5	(BP)					
8803		RAMY	12	17	1600	S14	E13	12	18.6		B	CAO	50	8	6	2
8803		HOLL	12	17	1621	S13	E14	12	18.7		B	DAO	120	12	6	3
8803		VORO	12	18	0010	S13	E11	12	18.8			CAI	154	6	5	2
8803		LEAR	12	18	0202	S13	E09	12	18.8		B	DSO	90	14	5	4
8803		KAND	12	18	0925	S12	E05	12	18.8			CHO		15	6	3
8803		RAMY	12	18	1301	S13	E03	12	18.8		B	CAO	80	16	6	4
8803	29485	MWIL	12	18	1545	S13	E01	12	18.7	5	(D)					
8803		HOLL	12	18	1609	S13	E05	12	19.0		B	DAO	130	28	8	4
8803		VORO	12	19	0055	S14	W04	12	18.7			DAI	113	15	5	3
8803		LEAR	12	19	0110	S13	W06	12	18.6		B	DAO	120	20	7	3
8803		SVTO	12	19	0801	S13	W07	12	18.8		B	DAO	100	8	7	2
8803		KAND	12	19	0830	S13	W08	12	18.7			DAO		8	6	5
8803		RAMY	12	19	1418	S12	W11	12	18.8		B	DAO	30	14	6	3
8803	29485	MWIL	12	19	1545	S13	W13	12	18.7	4	(BP)					
8803		HOLL	12	19	2028	S13	W14	12	18.8		B	DSO	40	7	6	3
8803		LEAR	12	20	0040	S12	W18	12	18.7		BG	DAO	20	6	4	3
8803		SVTO	12	20	1100	S13	W25	12	18.6		B	DSO	50	8	6	2
8803		RAMY	12	20	1234	S13	W26	12	18.6		B	DAO	20	9	4	3
8803		HOLL	12	20	1553	S14	W27	12	18.6		B	BXO	20	7	4	2
8803	29485	MWIL	12	20	1600	S14	W27	12	18.6	4	(AP)					
8803		VORO	12	20	2338	S13	W25	12	19.1			BXO	17	2	1	2
8803		LEAR	12	21	0107	S12	W32	12	18.6		B	CAO	30	6	3	4
8803		KAND	12	21	0840	S12	W35	12	18.7			AX		2	1	2
8803	29485	MWIL	12	21	1530	S15	W39	12	18.7	5	(B)					
8803		HOLL	12	21	1612	S15	W39	12	18.7		B	BXO	20	7	4	3
8803		RAMY	12	21	1655	S14	W40	12	18.7		B	BXO	10	7	5	2
8803		VORO	12	22	0000	S15	W43	12	18.7			DRI	53	6	8	3
8803		LEAR	12	22	0035	S14	W45	12	18.6		B	DAO	50	6	5	3
8803		RAMY	12	22	1305	S13	W52	12	18.6		B	DSO	60	6	8	2
8803	29485	MWIL	12	22	1545	S14	W54	12	18.6	4	(AP)					
8803		VORO	12	22	2338	S14	W56	12	18.7			BXO	15	3	8	2
8803		LEAR	12	23	0050	S13	W58	12	18.6		B	DAO	40	6	5	3
8803		SVTO	12	23	0819	S14	W62	12	18.7		B	DSO	40	2	9	2

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Time Mo	Day	(UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
8803		RAMY	12	23	1455	S12	W60	12	19.1		B	DSO	20	4	5	2
8803	29485	MWIL	12	23	1600	S15	W67	12	18.6	4	(BF)					
8803		HOLL	12	23	1600	S16	W68	12	18.5		A	AX		1		2
8803		LEAR	12	24	0020	S13	W67	12	18.9		B	BXO		3	3	3
8800		RAMY	12	13	1112	N09	E80	12	19.5		A	AX		1		2
8800		VORO	12	13	2348	N10	E75	12	19.6			AXX	20	1		2
8800		SVTO	12	14	0922	N10	E68	12	19.5		A	HR	30	1	1	3
8800		KAND	12	14	1200	N10	E68	12	19.6			AX		1	1	4
8800	29483	MWIL	12	14	1545	N10	E65	12	19.5	4	(AP)					
8800		HOLL	12	14	1622	N12	E64	12	19.5		A	AX	10	1		2
8800		RAMY	12	14	1716	N07	E65	12	19.6		A	AX		1		2
8800		VORO	12	14	2356	N10	E60	12	19.5			AXX	9	1		2
8800		LEAR	12	15	0025	N09	E59	12	19.4		A	HR	20	1	1	3
8800		RAMY	12	15	1302	N08	E53	12	19.5		A	AX		1		3
8800	29483	MWIL	12	15	1545	N10	E51	12	19.5	4	(AP)					
8800		HOLL	12	15	1729	N11	E49	12	19.4		A	AX		1		2
8800		VORO	12	15	2344	N12	E46	12	19.4			AXX	7	1		1
8800		LEAR	12	16	0037	N09	E46	12	19.5		A	AX		1		5
8800		KAND	12	16	0940	N10	E41	12	19.5			AX		2	1	2
8800	29483	MWIL	12	16	1545	N09	E37	12	19.4	4	(AP)					
8800		RAMY	12	16	1724	N08	E36	12	19.4		A	HS	20	1		2
8800		HOLL	12	16	1830	N10	E35	12	19.4		A	AX	10	2	1	2
8800		VORO	12	16	2346	N10	E32	12	19.4			AXX	11	1		2
8800		RAMY	12	17	1600	N08	E23	12	19.4		A	AX		1		2
8800		HOLL	12	17	1621	N10	E22	12	19.3		A	AX		1		3
8800		VORO	12	18	0010	N10	E18	12	19.3			AXX	7	1		2
8800		LEAR	12	18	0202	N10	E16	12	19.3		A	AX		1		4
8798		KAND	12	13	0820	S13	E85	12	19.8			AX		1	1	3
8798		RAMY	12	13	1112	S15	E79	12	19.4		B	BXO	10	5	4	2
8798		HOLL	12	13	1554	S13	E79	12	19.6		B	BXO	20	4	5	4
8798	29481	MWIL	12	13	1700	S14	E78	12	19.6	4	AP					
8798		VORO	12	13	2348	S14	E75	12	19.6			DAI	98	4	5	2
8798		SVTO	12	14	0922	S14	E69	12	19.6		B	DAO	80	3	5	3
8798		KAND	12	14	1200	S14	E68	12	19.6			DAO		7	4	4
8798	29481	MWIL	12	14	1545	S14	E65	12	19.6	4	(B)					
8798		HOLL	12	14	1622	S12	E63	12	19.4		B	DAI	120	8	6	2
8798		RAMY	12	14	1716	S16	E62	12	19.4		B	DAO	90	8	7	2
8798		VORO	12	14	2356	S14	E61	12	19.6			DAI	286	16	4	2
8798		LEAR	12	15	0025	S15	E60	12	19.5		B	DAI	150	15	5	3
8798		KAND	12	15	0930	S13	E57	12	19.7			DKC		21	8	3
8798		RAMY	12	15	1302	S15	E53	12	19.5		B	DKC	300	17	8	3
8798	29481	MWIL	12	15	1545	S14	E51	12	19.5	5	(B)					
8798		HOLL	12	15	1729	S12	E51	12	19.6		B	DKC	440	6	8	2
8798		VORO	12	15	2344	S14	E49	12	19.7			DKI	551	8	6	1
8798		LEAR	12	16	0037	S15	E46	12	19.5		B	DKC	300	20	8	5
8798		KAND	12	16	0940	S12	E42	12	19.6			DKC		27	9	2
8798	29481	MWIL	12	16	1545	S12	E38	12	19.5	5	(B)					
8798		RAMY	12	16	1724	S13	E35	12	19.4		B	DKI	590	22	8	2
8798		HOLL	12	16	1830	S12	E37	12	19.5		B	DKI	500	46	9	2
8798		VORO	12	16	2346	S10	E34	12	19.5			DAI	216	9	6	2
8798		VORO	12	16	2346	S13	E34	12	19.5			DKI	607	24	7	2
8798		LEAR	12	17	0040	S14	E34	12	19.6		B	DKC	430	54	9	5
8798		KAND	12	17	0655	S12	E30	12	19.5			DAI		51	9	3
8798	29481	MWIL	12	17	1530	S12	E26	12	19.6	5	(D)					
8798		RAMY	12	17	1600	S13	E24	12	19.5		B	DKI	700	23	10	2
8798		HOLL	12	17	1621	S12	E23	12	19.4		BGD	EKC	640	54	12	3
8798		VORO	12	18	0010	S12	E21	12	19.6			DAI	298	8	8	2
8798		VORO	12	18	0010	S13	E20	12	19.5			DKI	354	10	8	2
8798		LEAR	12	18	0202	S13	E19	12	19.5		BGD	DKC	490	54	10	4
8798		KAND	12	18	0925	S12	E15	12	19.5			DKC		40	10	3
8798		RAMY	12	18	1301	S13	E13	12	19.5		BG	EKI	460	52	12	4
8798	29481	MWIL	12	18	1545	S13	E12	12	19.6	5	(D)					
8798		HOLL	12	18	1609	S12	E10	12	19.4		BG	EKI	510	58	11	4
8798		VORO	12	19	0055	S14	E05	12	19.4			DKI	592	42	8	3
8798		LEAR	12	19	0110	S13	E08	12	19.6		BGD	EKI	520	58	11	3
8798		SVTO	12	19	0801	S13	E02	12	19.5		BG	EKI	520	28	13	2
8798		KAND	12	19	0830	S13	E02	12	19.5			EKI		44	12	5

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Mo	Day	Time (UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
8798		RAMY	12	19	1418	S13	W01	12	19.5		BG	EKI	430	46	11	3
8798	29481	MWIL	12	19	1545	S13	W01	12	19.6	5	(D)					
8798		HOLL	12	19	2028	S13	W06	12	19.4		BG	EKC	530	29	11	3
8798		LEAR	12	20	0040	S12	W08	12	19.4		BGD	EKI	410	51	12	3
8798		SVTO	12	20	1100	S14	W15	12	19.3		BG	EKI	540	35	11	2
8798		RAMY	12	20	1234	S15	W15	12	19.4		BD	EAI	420	46	11	3
8798		HOLL	12	20	1553	S14	W16	12	19.4		BG	EKC	490	33	12	2
8798	29481	MWIL	12	20	1600	S14	W16	12	19.4	5	(D)					
8798		VORO	12	20	2338	S14	W16	12	19.8			DAI	488	7	31	2
8798		VORO	12	20	2338	S14	W16	12	19.8			EAI	488	7	31	2
8798		LEAR	12	21	0107	S13	W21	12	19.5		BGD	EKI	420	42	11	4
8798		KAND	12	21	0840	S13	W25	12	19.5			EKC		25	11	2
8798	29481	MWIL	12	21	1530	S14	W28	12	19.5	5	(D)					
8798		HOLL	12	21	1612	S14	W29	12	19.5		BGD	EKC	510	21	11	3
8798		RAMY	12	21	1655	S13	W30	12	19.4		BD	EKC	420	23	11	2
8798		VORO	12	22	0000	S15	W34	12	19.4			DAI	496	14	6	3
8798		LEAR	12	22	0035	S13	W35	12	19.4		BGD	EKI	350	35	11	3
8798		RAMY	12	22	1305	S13	W41	12	19.4		B	DAI	340	23	10	2
8798	29481	MWIL	12	22	1545	S13	W43	12	19.4	4	(B)					
8798		VORO	12	22	2338	S14	W47	12	19.4			CAI	283	6	6	2
8798		LEAR	12	23	0050	S13	W48	12	19.4		BGD	EKI	250	18	11	3
8798		SVTO	12	23	0819	S13	W51	12	19.5		B	DKO	560	11	10	2
8798		RAMY	12	23	1455	S13	W53	12	19.6		B	DKO	210	10	8	2
8798	29481	MWIL	12	23	1600	S14	W56	12	19.4	4	(D)					
8798		HOLL	12	23	1600	S16	W56	12	19.4		B	CKO	510	9	13	2
8798		LEAR	12	24	0020	S13	W60	12	19.5		BG	DAI	260	13	10	3
8798		RAMY	12	24	1306	S13	W68	12	19.4		B	CAO	290	10	8	3
8798	29481	MWIL	12	24	1600	S13	W67	12	19.6	5	(D)					
8798		LEAR	12	25	0015	S13	W73	12	19.5		B	CAO	270	8	7	3
8798		VORO	12	25	0340	S14	W74	12	19.6			HAX	235	5		2
8798		SVTO	12	25	0832	S13	W79	12	19.4		B	DAO	240	5	8	2
8798		RAMY	12	25	1221	S12	W82	12	19.3		B	CAO	110	3	2	2
8798	29481	MWIL	12	25	1600	S13	W79	12	19.7	5	(D+)					
8799		HOLL	12	13	1554	S07	E79	12	19.6		B	BXO	10	3	5	4
8799	29480	MWIL	12	13	1700	S10	E77	12	19.5	4	B					
8799		VORO	12	13	2348	S09	E74	12	19.5			DAO	37	2	4	2
8799		SVTO	12	14	0922	S09	E68	12	19.5		B	DAO	80	2	5	3
8799		KAND	12	14	1200	S05	E68	12	19.6			DAO		4	5	4
8799	29480	MWIL	12	14	1545	S09	E65	12	19.5	4	(B)					
8799		HOLL	12	14	1622	S08	E64	12	19.5		B	DSO	80	2	4	2
8799		RAMY	12	14	1716	S12	E63	12	19.5		B	CSO	30	3	6	2
8799		VORO	12	14	2356	S09	E60	12	19.5			CAI	61	6	5	2
8799		LEAR	12	15	0025	S10	E60	12	19.5		B	CAO	60	6	5	3
8799		KAND	12	15	0930	S09	E55	12	19.5			CSO		9	6	3
8799		RAMY	12	15	1302	S12	E52	12	19.5		B	DSO	40	9	6	3
8799	29480	MWIL	12	15	1545	S09	E51	12	19.5	4	(B)					
8799		HOLL	12	15	1729	S08	E50	12	19.5		B	DSO	50	6	7	2
8799		VORO	12	15	2344	S10	E47	12	19.5			DAO	70	2	4	1
8799		LEAR	12	16	0037	S10	E46	12	19.5		B	DAO	60	6	7	5
8799		VORO	12	19	0055	S11	E08	12	19.6			CAI	93	5	5	3
8799A		LEAR	12	22	0035	S26	W23	12	20.2		A	AX		2		3
8808		SVTO	12	19	0801	S19	E14	12	20.4		A	AX	10	1	1	2
8808		RAMY	12	19	1418	S19	E10	12	20.3		B	BXO		2	2	3
8808		HOLL	12	19	2028	S18	E08	12	20.5		B	BXO		2	2	3
8808		LEAR	12	20	0040	S18	E04	12	20.3		B	BXO		2	1	3
8808		SVTO	12	23	0819	S18	W39	12	20.4		A	HA	10	1	1	2
8808	29492	MWIL	12	23	1600	S19	W44	12	20.3	3	(AP)					
8808A		LEAR	12	17	0040	N16	E80	12	23.1		A	HK	80	1	3	5
8808A	29491	MWIL	12	21	1530	N16	E17	12	22.9	4	(AP)					
8808A		RAMY	12	21	1655	N16	E12	12	22.6		A	AX		1		2
8804	29486	MWIL	12	16	1545	S17	E86	12	23.2	4	AP					
8804		RAMY	12	16	1724	S20	E80	12	22.8		A	HS	120	1	7	2
8804		HOLL	12	16	1830	S17	E81	12	22.9		A	HS	120	1	2	2
8804		VORO	12	16	2346	S17	E77	12	22.8			HAX	66	1		2

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8804		LEAR	12	17	0040	S17	E78	12	22.9		A	HA	90	1	2	5
8804		KAND	12	17	0655	S16	E76	12	23.0			HH		1	3	3
8804	29486	MWIL	12	17	1530	S17	E71	12	23.0	5	(AP)					
8804		RAMY	12	17	1600	S20	E70	12	23.0		A	HS	230	1	5	2
8804		HOLL	12	17	1621	S16	E69	12	22.9		A	HH	210	1	3	3
8804		VORO	12	18	0010	S17	E67	12	23.1			HKX	389	1		2
8804		LEAR	12	18	0202	S18	E65	12	23.0		A	HA	140	1	2	4
8804		KAND	12	18	0925	S16	E63	12	23.2			HH		1	3	3
8804		RAMY	12	18	1301	S21	E60	12	23.1		B	CHO	260	2	6	4
8804	29486	MWIL	12	18	1545	S17	E58	12	23.1	5	(AP)					
8804	29489	MWIL	12	18	1545	S22	E58	12	23.1	4	(AP)					
8804		HOLL	12	18	1609	S17	E58	12	23.1		B	CHO	220	3	3	4
8804		VORO	12	19	0055	S17	E54	12	23.1			HKX	394	1		3
8804		LEAR	12	19	0110	S18	E56	12	23.3		B	CHO	190	3	3	3
8804		SVTO	12	19	0801	S18	E51	12	23.2		B	CKO	340	3	6	2
8804		KAND	12	19	0830	S16	E50	12	23.1			HH		1	3	5
8804		KAND	12	19	0830	S22	E52	12	23.3			AX		1	1	5
8804		RAMY	12	19	1418	S21	E47	12	23.2		B	CHO	280	2	7	3
8804	29486	MWIL	12	19	1545	S17	E45	12	23.1	5	(AP)					
8804	29489	MWIL	12	19	1545	S23	E47	12	23.3	4	(AF)					
8804		HOLL	12	19	2028	S18	E44	12	23.2		B	DHO	220	3	4	3
8804		LEAR	12	20	0040	S20	E41	12	23.2		A	HH	260	4	4	3
8804		SVTO	12	20	1100	S19	E33	12	23.0		B	CHO	340	2	7	2
8804		RAMY	12	20	1234	S22	E35	12	23.2		B	CHO	320	3	9	3
8804		HOLL	12	20	1553	S19	E34	12	23.2		B	CHO	250	2	4	2
8804	29486	MWIL	12	20	1600	S17	E32	12	23.1	5	(AP)					
8804	29489	MWIL	12	20	1600	S23	E35	12	23.4	4	(AF)					
8804		VORO	12	20	2338	S18	E29	12	23.2			HAX	379	1		2
8804		LEAR	12	21	0107	S19	E27	12	23.1		A	HH	240	1	3	4
8804		KAND	12	21	0840	S16	E23	12	23.1			HH		1	4	2
8804	29486	MWIL	12	21	1530	S17	E19	12	23.1	6	(BP)					
8804		HOLL	12	21	1612	S17	E19	12	23.1		A	HH	310	1	3	3
8804		RAMY	12	21	1655	S17	E19	12	23.1		B	CHO	300	2	4	2
8804		VORO	12	22	0000	S15	E14	12	23.0			HHX	406	1		3
8804		LEAR	12	22	0035	S18	E14	12	23.1		A	HH	210	1	3	3
8804		RAMY	12	22	1305	S17	E07	12	23.1		A	HS	280	1	4	2
8804	29486	MWIL	12	22	1545	S17	E06	12	23.1	5	(AP)					
8804		VORO	12	22	2338	S17	E02	12	23.1			HHX	355	1		2
8804		LEAR	12	23	0050	S18	E01	12	23.1		A	HH	220	1	3	3
8804		SVTO	12	23	0819	S17	W03	12	23.1		A	HH	300	1	4	2
8804		RAMY	12	23	1455	S18	W06	12	23.2		A	HH	200	1	4	2
8804	29486	MWIL	12	23	1600	S17	W07	12	23.1	5	(AP)					
8804		HOLL	12	23	1600	S18	W07	12	23.1		A	HH	300	1	3	2
8804		LEAR	12	24	0020	S18	W13	12	23.0		A	HH	290	1	4	3
8804		RAMY	12	24	1306	S17	W19	12	23.1		A	HH	310	2	5	3
8804	29486	MWIL	12	24	1600	S17	W20	12	23.1	6	(AP)					
8804		LEAR	12	25	0015	S18	W26	12	23.0		A	HH	220	2	4	3
8804		VORO	12	25	0340	S18	W27	12	23.1			HKX	437	1		2
8804		SVTO	12	25	0832	S17	W30	12	23.1		B	CKO	220	2	6	2
8804		RAMY	12	25	1221	S16	W32	12	23.1		B	CAO	230	4	8	2
8804	29486	MWIL	12	25	1600	S16	W33	12	23.2	6	(BP)					
8804		LEAR	12	26	0145	S18	W39	12	23.1		B	CHO	220	4	7	3
8804		SVTO	12	26	1204	S16	W45	12	23.1		A	HK	270	1	4	1
8804		RAMY	12	26	1317	S16	W46	12	23.1		B	CAO	310	5	8	3
8804	29486	MWIL	12	26	1600	S17	W48	12	23.0	6	(AP)					
8804		HOLL	12	26	1815	S18	W48	12	23.1		A	HH	230	1	3	3
8804		LEAR	12	27	0036	S17	W52	12	23.1		B	CSO	160	3	3	3
8804	29486	MWIL	12	27	1545	S18	W60	12	23.1	5	(AP)					
8804		HOLL	12	27	1704	S18	W61	12	23.1		A	HS	210	3	3	4
8804		LEAR	12	28	0027	S17	W65	12	23.1		A	HS	180	3	5	4
8804		VORO	12	28	0233	S18	W65	12	23.1			HRX	90	1		1
8804		KAND	12	28	0935	S18	W70	12	23.1			HS		1	3	2
8804		SVTO	12	28	1308	S17	W75	12	22.8		A	HA	150	1	3	2
8804		HOLL	12	28	2053	S19	W76	12	23.1		A	HA	180	1	3	1
8804		VORO	12	28	2339	S18	W79	12	23.0			HRX	331	1		2
8804		LEAR	12	29	0010	S17	W79	12	23.0		A	HS	180	1	4	4
8804		SVTO	12	29	0950	S17	W85	12	22.9		A	HS	60	1	5	3
8804	29486	MWIL	12	29	1600	S17	W88	12	23.0	4	AP					
8804		HOLL	12	29	1645	S19	W87	12	23.0		A	HS	60	1	2	4

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Time Mo	Day	(UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
8804A		LEAR	12	21	0107	N10	E31	12	23.4		A	AX		2	1	4
8804A		RAMY	12	21	1655	N11	E23	12	23.4		B	BXO		2	2	2
8804A		LEAR	12	22	0035	N10	E17	12	23.3		A	AX		2		3
8804A	29493	MWIL	12	23	1600	N11	E01	12	23.7	3	(B)					
8806		KAND	12	17	0655	N18	E80	12	23.4			HH		2	2	3
8806	29488	MWIL	12	17	1530	N18	E77	12	23.5	5	B					
8806		RAMY	12	17	1600	N25	E77	12	23.6		B	DKO	360	2	8	2
8806		HOLL	12	17	1621	N23	E78	12	23.7		B	FHO	320	5	16	3
8806		VORO	12	18	0010	N20	E77	12	23.9			DKI	1130	4	12	2
8806		LEAR	12	18	0202	N18	E73	12	23.6		B	FKI	530	4	17	4
8806		KAND	12	18	0925	N20	E70	12	23.7			FHO		12	18	3
8806		RAMY	12	18	1301	N18	E70	12	23.9		B	FHI	700	20	16	4
8806	29488	MWIL	12	18	1545	N18	E65	12	23.6	5	(BG)					
8806		HOLL	12	18	1609	N20	E65	12	23.6		B	FKO	660	16	17	4
8806		VORO	12	19	0055	N20	E64	12	23.9			DKI	1305	18	14	3
8806		LEAR	12	19	0110	N18	E62	12	23.8		BG	FKO	670	22	16	3
8806		SVTO	12	19	0801	N21	E58	12	23.8		BG	FKC	930	13	16	2
8806		KAND	12	19	0830	N20	E56	12	23.6			FKO		20	16	5
8806		RAMY	12	19	1418	N19	E56	12	23.9		BG	FKC	1070	22	18	3
8806	29488	MWIL	12	19	1545	N18	E52	12	23.6	5	(D)					
8806		HOLL	12	19	2028	N20	E49	12	23.6		BG	FKC	998	17	17	3
8806		LEAR	12	20	0040	N18	E49	12	23.7		BGD	FHI	830	22	18	3
8806		SVTO	12	20	1100	N19	E43	12	23.7		BG	FKC	1000	25	17	2
8806		RAMY	12	20	1234	N18	E42	12	23.7		BGD	FKI	1200	37	22	3
8806		HOLL	12	20	1553	N20	E42	12	23.9		BG	FKC	1130	24	18	2
8806	29488	MWIL	12	20	1600	N19	E41	12	23.8	5	(D)					
8806		VORO	12	20	2338	N20	E40	12	24.0			EAI	1472	14	17	2
8806		LEAR	12	21	0107	N19	E36	12	23.8		BGD	FHI	810	37	19	4
8806		KAND	12	21	0840	N20	E31	12	23.7			FKC		15	17	2
8806	29488	MWIL	12	21	1530	N19	E28	12	23.8	6	(D)					
8806		HOLL	12	21	1612	N20	E27	12	23.7		BGD	FHC	1030	27	18	3
8806		RAMY	12	21	1655	N19	E28	12	23.8		BGD	FKC	1050	36	20	2
8806		VORO	12	22	0000	N20	E25	12	23.9			FKI	1827	24	16	3
8806		LEAR	12	22	0035	N19	E24	12	23.8		BGD	FHC	960	43	19	3
8806		RAMY	12	22	1305	N18	E17	12	23.8		B	FKC	1180	29	19	2
8806	29488	MWIL	12	22	1545	N19	E15	12	23.8	5	(D)					
8806		VORO	12	22	2338	N20	E13	12	24.0			FKI	1313	19	16	2
8806		LEAR	12	23	0050	N19	E11	12	23.9		BG	FKC	900	38	19	3
8806		SVTO	12	23	0819	N20	E07	12	23.9		BG	FKC	1310	26	23	2
8806		RAMY	12	23	1455	N18	E05	12	24.0		BG	FHI	1120	19	19	2
8806		HOLL	12	23	1600	N20	E02	12	23.8		BG	FKC	1190	26	18	2
8806	29488	MWIL	12	23	1600	N20	E02	12	23.8	6	(D)					
8806		LEAR	12	24	0020	N20	W02	12	23.9		BGD	FKC	810	47	19	3
8806		RAMY	12	24	1306	N21	W09	12	23.8		BD	FHC	1050	48	19	3
8806	29488	MWIL	12	24	1600	N20	W10	12	23.9	6	(D)					
8806		LEAR	12	25	0015	N20	W15	12	23.9		BG	FKC	730	42	18	3
8806		VORO	12	25	0340	N20	W17	12	23.8			FKC	1309	17	14	2
8806		SVTO	12	25	0832	N20	W21	12	23.7		BG	FKC	1030	44	19	2
8806		RAMY	12	25	1221	N21	W22	12	23.8		BGD	FKC	930	43	19	2
8806	29488	MWIL	12	25	1600	N20	W23	12	23.9	6	(D)					
8806		LEAR	12	26	0145	N20	W29	12	23.8		BGD	FKC	950	45	18	3
8806		SVTO	12	26	1204	N21	W35	12	23.8		BG	FKC	760	20	19	1
8806		RAMY	12	26	1317	N22	W35	12	23.9		BGD	FKC	820	45	20	3
8806	29488	MWIL	12	26	1600	N20	W37	12	23.8	6	(D)					
8806		HOLL	12	26	1815	N20	W38	12	23.8		BG	FHC	970	34	20	3
8806		LEAR	12	27	0036	N20	W41	12	23.9		BGD	FKC	780	44	19	3
8806	29488	MWIL	12	27	1545	N19	W49	12	23.9	6	(D)					
8806		HOLL	12	27	1704	N20	W51	12	23.8		B	FHC	840	51	21	4
8806		LEAR	12	28	0027	N20	W53	12	24.0		BGD	FHI	600	29	20	4
8806		VORO	12	28	0233	N21	W55	12	23.9			FKC	698	9	17	1
8806		KAND	12	28	0935	N18	W60	12	23.8			FHO		13	22	2
8806		SVTO	12	28	1308	N19	W60	12	24.0		BG	FHI	410	9	20	2
8806		HOLL	12	28	2053	N18	W70	12	23.5		BG	EKO	410	6	11	1
8806		VORO	12	28	2339	N19	W70	12	23.6			FKC	554	4	10	2
8806		LEAR	12	29	0010	N20	W70	12	23.6		BG	EHI	480	9	14	4
8806		SVTO	12	29	0950	N18	W75	12	23.7		B	EAO	300	4	11	3
8806	29488	MWIL	12	29	1600	N19	W80	12	23.6	5	BG					
8806		HOLL	12	29	1645	N17	W80	12	23.6		B	EAO	160	6	13	4

SUNSPOT GROUPS
(Ordered by Central Meridian Passage Date)

DECEMBER 1999

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
8806		LEAR	12	30	0010	N22	W83	12	23.6		A	HA	60	2	5	3
8806		VORO	12	30	0241	N20	W82	12	23.8			HRX	113	1		2
8807		VORO	12	18	0010	N11	E82	12	24.2			CAO	53	2	9	2
8807		LEAR	12	18	0202	N11	E79	12	24.0		A	HA	30	1	1	4
8807		KAND	12	18	0925	N12	E80	12	24.4			HS		1	2	3
8807		RAMY	12	18	1301	N09	E75	12	24.2		B	CRO	30	2	3	4
8807	29490	MWIL	12	18	1545	N11	E72	12	24.1	4	(AF)					
8807		HOLL	12	18	1609	N13	E73	12	24.2		B	CSO	40	4	8	4
8807		VORO	12	19	0055	N12	E69	12	24.2			HAX	73	2		3
8807		LEAR	12	19	0110	N11	E70	12	24.3		B	CSO	40	4	8	3
8807		SVTO	12	19	0801	N12	E64	12	24.1		B	CRO	70	3	3	2
8807		KAND	12	19	0830	N12	E65	12	24.2			HS		2	2	5
8807		RAMY	12	19	1418	N10	E61	12	24.2		B	CRO	20	4	3	3
8807	29490	MWIL	12	19	1545	N11	E60	12	24.2	5	(AF)					
8807		HOLL	12	19	2028	N13	E58	12	24.2		B	CSO	40	3	2	3
8807		LEAR	12	20	0040	N10	E55	12	24.2		B	CAO	30	4	2	3
8807		SVTO	12	20	1100	N11	E49	12	24.1		B	CSO	30	5	4	2
8807		RAMY	12	20	1234	N09	E52	12	24.4		B	CAO	70	10	13	3
8807		HOLL	12	20	1553	N12	E47	12	24.2		B	CSO	30	2	3	2
8807	29490	MWIL	12	20	1600	N11	E48	12	24.3	4	(AF)					
8807		VORO	12	20	2338	N11	E44	12	24.3			HRX	26	1		2
8807		LEAR	12	21	0107	N10	E42	12	24.2		B	DSO	40	8	6	4
8807		KAND	12	21	0840	N13	E38	12	24.2			CAO		4	3	2
8807	29490	MWIL	12	21	1530	N11	E34	12	24.2	5	(BG)					
8807		HOLL	12	21	1612	N12	E32	12	24.1		B	CSO	30	5	4	3
8807		RAMY	12	21	1655	N11	E32	12	24.1		B	CRO	20	8	4	2
8807		VORO	12	22	0000	N12	E29	12	24.2			AXX	18	4		3
8807		LEAR	12	22	0035	N10	E28	12	24.1		B	DAO	30	6	6	3
8807		RAMY	12	22	1305	N11	E21	12	24.1		B	DSO	30	5	3	2
8807	29490	MWIL	12	22	1545	N11	E21	12	24.2	4	(AP)					
8807		VORO	12	22	2338	N12	E17	12	24.3			AXX	15	2		2
8807		LEAR	12	23	0050	N10	E14	12	24.1		B	CAO	20	6	5	3
8807		SVTO	12	23	0819	N11	E09	12	24.0		B	DAO	40	4	5	2
8807		RAMY	12	23	1455	N11	E07	12	24.1		B	DAO	20	2	1	2
8807		HOLL	12	23	1600	N11	E07	12	24.2		B	BXO	10	5	5	2
8807	29490	MWIL	12	23	1600	N11	E08	12	24.3	4	(B)					
8807		LEAR	12	24	0020	N12	E00	12	24.0		BG	EAO	20	11	12	3
8807		RAMY	12	24	1306	N11	W04	12	24.2		B	BXO	10	9	4	3
8807	29490	MWIL	12	24	1600	N11	W05	12	24.3	3	(BG)					
8807		LEAR	12	25	0015	N11	W08	12	24.4		B	CRO	10	6	8	3
8807		VORO	12	25	0340	N11	W10	12	24.4			AXX	3	1		2
8807		SVTO	12	25	0832	N11	W16	12	24.1		B	BXO	10	4	6	2
8807		RAMY	12	25	1221	N12	W18	12	24.1		B	BXO	10	7	4	2
8807	29490	MWIL	12	25	1600	N11	W19	12	24.2	3	(BP)					
8807		LEAR	12	26	0145	N11	W25	12	24.2		B	BXO	10	5	6	3
8807		VORO	12	28	0233	N10	W52	12	24.2			AXX	22	1		1
8811		LEAR	12	25	0015	S28	W04	12	24.7		A	AX		1		3
8811		RAMY	12	25	1221	S29	W10	12	24.7		A	AX		3	2	2
8811	29496	MWIL	12	25	1600	S29	W11	12	24.8	4	(B)					
8811		LEAR	12	26	0145	S28	W17	12	24.7		A	AX		1		3
8811		LEAR	12	29	0010	S28	W51	12	25.0		B	BXO	10	2	2	4
8811		HOLL	12	29	1645	S31	W60	12	25.0		A	AX		1		4
8812		RAMY	12	24	1306	S29	E52	12	28.6		B	BXO		2	3	3
8812		LEAR	12	27	0036	S26	E19	12	28.5		B	BXO		2	3	3
8812		VORO	12	28	0233	S24	E06	12	28.6			AXX	15	1		1
8812		VORO	12	28	2339	S27	W10	12	28.2			AXX	14	2		2
8812		LEAR	12	29	0010	S27	W08	12	28.4		B	CRO	20	5	4	4
8812		SVTO	12	29	0950	S28	W14	12	28.3		B	CSO	20	2	5	3
8812	29499	MWIL	12	29	1600	S28	W17	12	28.3	4	(B)					
8812		HOLL	12	29	1645	S29	W17	12	28.4		B	BXO	10	2	5	4
8812		LEAR	12	30	0010	S27	W22	12	28.3		B	CRO	10	5	7	3
8812		VORO	12	30	0241	S28	W25	12	28.1			AXX	9	1		2
8812		KAND	12	30	0755	S28	W28	12	28.1			AX		1	1	1
8812	29499	MWIL	12	30	1545	S28	W32	12	28.1	4	(BP)					
8812		HOLL	12	30	1627	S28	W32	12	28.2		A	AX		1		3
8812		LEAR	12	31	0145	S27	W35	12	28.3		A	AX		1		3

S U N S P O T G R O U P S
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DECEMBER 1999

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
8809		LEAR	12	24	0020	N20	E78	12	30.0		B	BXO		3	5	3
8809		RAMY	12	24	1306	N22	E73	12	30.1		B	BXO	10	3	7	3
8809	29495	MWIL	12	24	1600	N22	E68	12	29.9	4	(BP)					
8809		LEAR	12	25	0015	N21	E65	12	30.0		B	CSO	40	5	6	3
8809		VORO	12	25	0340	N23	E69	12	30.5			BXO	35	3	15	2
8809		SVTO	12	25	0832	N22	E64	12	30.3		B	CSO	20	5	7	2
8809		RAMY	12	25	1221	N21	E59	12	30.0		B	BXO	20	8	6	2
8809	29497	MWIL	12	25	1600	N21	E57	12	30.0	4	(B)					
8809		LEAR	12	26	0145	N21	E52	12	30.0		B	CSO	40	6	6	3
8809		SVTO	12	26	1204	N21	E46	12	30.0		B	DSO	30	5	8	1
8809		RAMY	12	26	1317	N21	E47	12	30.1		B	BXO	20	11	8	3
8809	29497	MWIL	12	26	1600	N22	E44	12	30.0	4	(B)					
8809		HOLL	12	26	1815	N22	E43	12	30.1		B	BXO	20	6	8	3
8809		LEAR	12	27	0036	N21	E38	12	29.9		B	BXO	20	8	9	3
8809	29497	MWIL	12	27	1545	N21	E32	12	30.1	5	(B)					
8809		HOLL	12	27	1704	N23	E30	12	30.0		B	DAO	50	6	6	4
8809		LEAR	12	28	0027	N22	E27	12	30.1		B	DAO	40	4	6	4
8809		VORO	12	28	0233	N23	E29	12	30.3			AXX	20	1		1
8809		KAND	12	28	0935	N22	E21	12	30.0			BXO		3	7	2
8809		SVTO	12	28	1308	N22	E21	12	30.2		B	DSO	40	4	7	2
8809		HOLL	12	28	2053	N23	E15	12	30.0		B	CSO	30	4	7	1
8809		VORO	12	28	2339	N21	E18	12	30.4			HAX	38	3		2
8809		LEAR	12	29	0010	N22	E15	12	30.1		B	CRO	30	6	8	4
8809		LEAR	12	30	0010	N24	E05	12	30.4		B	BXO		3	6	3
8809		LEAR	12	31	0145	N24	W08	12	30.4		B	BXO		2	6	3
8810		RAMY	12	24	1306	N35	E80	12	30.9		A	HS	30	1	1	3
8810	29494	MWIL	12	24	1600	N36	E75	12	30.7	4	(AP)					
8810		LEAR	12	25	0015	N35	E74	12	30.9		B	DAO	90	3	8	3
8810		VORO	12	25	0340	N36	E74	12	31.1			HAX	111	1		2
8810		SVTO	12	25	0832	N37	E74	12	31.3		B	ESO	150	7	14	2
8810		RAMY	12	25	1221	N36	E72	12	31.3		B	ESI	160	6	13	2
8810	29498	MWIL	12	25	1600	N36	E70	12	31.3	4	(B)					
8810		LEAR	12	26	0145	N35	E62	12	31.0		B	ESO	190	10	12	3
8810		SVTO	12	26	1204	N36	E61	12	31.4		B	FSO	250	4	16	1
8810		RAMY	12	26	1317	N36	E62	12	31.5		B	EKI	390	8	15	3
8810	29498	MWIL	12	26	1600	N37	E60	12	31.5	5	(B)					
8810		HOLL	12	26	1815	N38	E59	12	31.5		B	FKO	500	7	18	3
8810		LEAR	12	27	0036	N37	E56	12	31.5		B	EKO	280	7	15	3
8810	29498	MWIL	12	27	1545	N37	E47	12	31.4	5	(B)					
8810		HOLL	12	27	1704	N39	E46	12	31.4		B	FKO	510	14	18	4
8810		LEAR	12	28	0027	N38	E43	12	31.5		B	FKO	390	12	16	4
8810		VORO	12	28	0233	N36	E37	12	31.1			HAX	92	2	3	1
8810		VORO	12	28	0233	N39	E48	01	1.0			HAX	125	5		1
8810		KAND	12	28	0935	N38	E38	12	31.5			FKO		5	17	2
8810		SVTO	12	28	1308	N37	E37	12	31.5		B	FKO	490	8	18	2
8810		HOLL	12	28	2053	N39	E33	12	31.5		B	FKO	240	10	17	1
8810		VORO	12	28	2339	N38	E26	12	31.1			HAX	102	5	2	2
8810		LEAR	12	29	0010	N38	E30	12	31.4		B	FKO	380	14	17	4
8810		SVTO	12	29	0950	N37	E27	12	31.6		B	FKO	360	10	17	3
8810	29498	MWIL	12	29	1600	N37	E24	12	31.6	5	(BG)					
8810		HOLL	12	29	1645	N36	E22	12	31.5		B	EKO	320	25	15	4
8810		LEAR	12	30	0010	N38	E20	12	31.6		B	FAO	350	20	16	3
8810		VORO	12	30	0241	N37	E11	12	31.0			HAX	84	4		2
8810		VORO	12	30	0241	N39	E24	01	1.0			HAX	113	4		2
8810		KAND	12	30	0755	N38	E15	12	31.5			FAO		13	16	1
8810		SVTO	12	30	1034	N36	E13	12	31.5		B	FAO	300	7	15	2
8810		RAMY	12	30	1323	N36	E13	12	31.6		B	FAO	340	16	16	2
8810	29498	MWIL	12	30	1545	N37	E11	12	31.5	5	(BG)					
8810		HOLL	12	30	1627	N37	E08	12	31.3		B	FAO	300	17	16	3
8810		VORO	12	31	0003	N44	E01	12	31.1			HAX	160	4		2
8810		LEAR	12	31	0145	N38	E06	12	31.5		B	FAO	330	15	16	3
8810		SVTO	12	31	1126	N38	E02	12	31.6		B	EAO	340	10	16	3
8810		RAMY	12	31	1227	N37	E02	12	31.7		B	FSO	320	23	16	3
8810		HOLL	12	31	2108	N38	W06	12	31.4		B	FAO	340	17	16	3
8810		VORO	01	01	0003	N37	W11	12	31.1			CAO	121	3	4	2
8810		LEAR	01	01	0145	N38	W08	12	31.4		B	FAO	320	14	16	3
8810		KAND	01	01	0820	N36	W10	12	31.5			FAO		7	16	1
8810		RAMY	01	01	1245	N38	W10	12	31.7		BG	ESO	260	11	15	3

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

DECEMBER 1999

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
8810		SVTO	01	01	1352	N37	W13	12	31.5		B	FAO	230	8	18	3
8810		HOLL	01	01	1951	N38	W17	12	31.4		B	FSO	310	6	16	2
8810		LEAR	01	02	0016	N37	W15	12	31.8		B	ESO	170	6	15	3
8810		SVTO	01	02	0922	N38	W23	12	31.5		B	EAO	170	5	14	2
8810		RAMY	01	02	1318	N37	W23	12	31.7		B	FAO	190	8	16	3
8810	29498	MWIL	01	02	1545	N37	W25	12	31.6	5	(B)					
8810		HOLL	01	02	1634	N37	W27	12	31.5		B	FSO	200	5	16	3
8810		LEAR	01	03	0003	N38	W30	12	31.6		B	FAO	180	5	16	4
8810		VORO	01	03	0053	N37	W36	12	31.1			HAX	26	1		2
8810		SVTO	01	03	0743	N38	W35	12	31.5		B	ESO	120	3	14	3
8810		KAND	01	03	1120	N37	W37	12	31.5			ESO		3	13	2
8810		RAMY	01	03	1238	N38	W35	12	31.7		B	ESO	180	3	15	3
8810	29498	MWIL	01	03	1545	N37	W36	12	31.7	5	(B)					
8810		HOLL	01	03	1801	N37	W40	12	31.5		B	ESO	130	2	12	2
8810		LEAR	01	04	0047	N39	W41	12	31.7		B	FAO	180	2	16	4
8810		VORO	01	04	0058	N36	W48	12	31.2			HAX	51	1		2
8810		KAND	01	04	0925	N37	W47	12	31.6			FAO		2	16	2
8810		RAMY	01	04	1506	N38	W48	12	31.7		B	FSO	160	4	16	3
8810	29498	MWIL	01	04	1545	N37	W50	12	31.6	5	(BF)					
8810		HOLL	01	04	1602	N37	W51	12	31.5		B	ESO	150	3	13	2
8810		VORO	01	05	0005	N36	W60	12	31.2			HAX	53	1		2
8810		LEAR	01	05	0741	N38	W57	12	31.7		B	ESO	150	3	15	3
8810		SVTO	01	05	0800	N37	W57	12	31.7		B	EAO	140	2	15	3
8810		RAMY	01	05	1220	N38	W57	12	31.9		B	DSO	130	3	15	3
8810		HOLL	01	05	1543	N37	W63	12	31.6		B	ESO	140	2	13	2
8810	29498	MWIL	01	05	1545	N37	W62	12	31.7	5	(BF)					
8810		LEAR	01	06	0018	N38	W64	12	31.8		B	EAO	140	4	14	3
8810		SVTO	01	06	0758	N37	W69	12	31.8		B	FSO	130	2	16	3
8810		RAMY	01	06	1258	N39	W73	12	31.6		B	FSO	90	2	19	3
8810	29498	MWIL	01	06	2000	N36	W70	01	1.2	3	(AP)					
8810		HOLL	01	06	2023	N36	W80	12	31.4		A	HA	40	1	2	3
8810		LEAR	01	07	0020	N38	W80	12	31.5		A	HA	40	2	2	3
8810	29498	MWIL	01	07	1600	N38	W80	01	1.2	3	AP					

Stations reporting:

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