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

FEBRUARY 2002

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
9801A		LEAR	01	31	0015	N11	E18	02	1.4		A	AXX	10	2	1	2
9801A		KAND	01	31	0800	N10	E11	02	1.1			BXO		4	4	3
9802A	30984	MWIL	02	02	1600	S23	W17	02	1.3	3	(AP)					
9802		LEAR	01	26	0127	S11	E83	02	1.3		B	DAI	180	3	8	3
9802		TACH	01	26	0552	S14	E76	02	1.0			HA	200	3	5	3
9802		SVTO	01	26	0846	S14	E79	02	1.3		B	DSO	120	4	10	3
9802		KAND	01	26	1010	S15	E80	02	1.5			CAO		3	3	4
9802		RAMY	01	26	1233	S12	E79	02	1.5		B	DAO	160	8	7	3
9802	30975	MWIL	01	26	1545	S14	E75	02	1.3	5	(BP)					
9802		HOLL	01	26	1600	S16	E75	02	1.3		B	DAO	120	6	8	4
9802		VORO	01	27	0308	S15	E72	02	1.6			DSO	577	4	8	3
9802		LEAR	01	27	0415	S15	E70	02	1.5		B	DAO	180	8	10	1
9802		SVTO	01	27	0720	S15	E69	02	1.5		B	DSO	290	7	7	3
9802		TACH	01	27	0734	S14	E68	02	1.4			CAO	111	5	9	3
9802		KAND	01	27	0910	S15	E70	02	1.7			DAO		14	10	2
9802		RAMY	01	27	1244	S14	E65	02	1.4		B	DSO	220	16	10	3
9802		HOLL	01	27	1753	S16	E65	02	1.7		B	EAO	170	7	12	2
9802		VORO	01	28	0038	S16	E61	02	1.6			DAI	392	15	9	3
9802		LEAR	01	28	0110	S17	E60	02	1.6		B	ESO	250	11	11	2
9802		TACH	01	28	0529	S13	E54	02	1.3			CAI	160	8	9	3
9802		KAND	01	28	1200	S15	E55	02	1.7			DAI		13	10	3
9802		RAMY	01	28	1330	S15	E54	02	1.6		B	EKO	340	16	11	4
9802		HOLL	01	28	1530	S15	E53	02	1.6		BG	EKI	390	12	13	2
9802		VORO	01	29	0025	S15	E48	02	1.6			DKI	577	18	9	3
9802		LEAR	01	29	0035	S16	E47	02	1.6		BG	EKI	420	23	11	2
9802		TACH	01	29	0543	S15	E40	02	1.3			DAI	468	15	10	3
9802		SVTO	01	29	0820	S17	E44	02	1.7		BG	EAI	360	38	13	3
9802		KAND	01	29	0855	S15	E44	02	1.7			EAI		18	11	4
9802		RAMY	01	29	1225	S17	E41	02	1.6		BG	EKI	360	16	11	2
9802		VORO	01	30	0100	S15	E35	02	1.7			DHI	606	29	9	3
9802		LEAR	01	30	0115	S16	E34	02	1.6		BGD	EKI	500	37	13	2
9802		KAND	01	30	0920	S15	E30	02	1.7			ESC		20	13	3
9802		RAMY	01	30	1520	S17	E26	02	1.6		BG	EAC	520	44	12	3
9802		LEAR	01	31	0015	S16	E21	02	1.6		BGD	EKC	650	50	13	2
9802		VORO	01	31	0052	S15	E22	02	1.7			EHI	835	36	10	3
9802		VORO	01	31	0052	S19	E16	02	1.2			AXX	4	1		3
9802		KAND	01	31	0800	S15	E18	02	1.7			EAC		52	12	3
9802		RAMY	01	31	1218	S16	E15	02	1.6		BGD	EKC	620	37	14	4
9802		HOLL	01	31	1543	S16	E14	02	1.7		BGD	EKC	690	61	13	4
9802	30975	MWIL	01	31	1630	S15	E13	02	1.7	5	D *					
9802	30976	MWIL	01	31	1630	S18	E07	02	1.2	4	AP					
9802		VORO	02	01	0020	S15	E09	02	1.7			DAI	887	29	9	3
9802		LEAR	02	01	0104	S15	E07	02	1.6		BGD	EKC	810	54	14	3
9802		KAND	02	01	0850	S14	E04	02	1.7			EKC		34	11	4
9802		RAMY	02	01	1315	S15	E01	02	1.6		BGD	EKC	800	55	13	3
9802		HOLL	02	01	1530	S16	W01	02	1.6		BGD	EKC	680	83	14	3
9802	30975	MWIL	02	01	1600	S15	W04	02	1.4	5	D *					
9802		LEAR	02	02	0105	S14	W06	02	1.6		BGD	EKC	700	45	11	2
9802		VORO	02	02	0403	S16	W07	02	1.6			DHI	837	41	8	3
9802		SVTO	02	02	1045	S15	W10	02	1.7		B	FKI	580	62	16	2
9802		RAMY	02	02	1335	S14	W14	02	1.5		BGD	FKC	580	57	17	3
9802	30975	MWIL	02	02	1600	S15	W13	02	1.7	5	(D)					
9802		LEAR	02	03	0030	S16	W18	02	1.6		BGD	EKI	620	55	12	3
9802		SVTO	02	03	0830	S13	W22	02	1.7		B	FKI	580	62	16	2
9802		RAMY	02	03	1305	S14	W26	02	1.6		BGD	EKC	490	48	15	3
9802	30975	MWIL	02	03	1600	S15	W26	02	1.7	5	(D)					
9802		VORO	02	04	0021	S16	W31	02	1.7			DAI	1049	52	10	3
9802		LEAR	02	04	0042	S16	W32	02	1.6		BGD	FKI	760	55	16	3
9802		SVTO	02	04	1115	S13	W37	02	1.7		B	FKI	490	29	14	2
9802		RAMY	02	04	1215	S13	W33	02	2.0		BGD	FKC	610	77	19	3
9802	30975	MWIL	02	04	1545	S15	W39	02	1.7	5	(D)					
9802		LEAR	02	05	0110	S17	W44	02	1.7		BGD	EAI	650	56	13	4
9802		VORO	02	05	0132	S14	W44	02	1.7			DAI	1005	47	9	3
9802		TACH	02	05	0535	S13	W46	02	1.8			HA	255	7	4	3
9802		SVTO	02	05	0749	S14	W49	02	1.6		B	EAI	710	30	14	2
9802	30975	MWIL	02	05	1545	S14	W52	02	1.7	4	(D)					
9802		HOLL	02	05	1620	S13	W52	02	1.7		BG	FAC	240	40	18	4

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9802		VORO	02	06	0027	S14	W58	02	1.6			DAI	882	43	9	3
9802		LEAR	02	06	0325	S15	W56	02	1.9		BG	DAI	360	22	10	2
9802		RAMY	02	06	1253	S12	W63	02	1.8		B	EAO	320	12	15	2
9802		HOLL	02	06	1504	S12	W65	02	1.7		BG	EAI	260	16	13	3
9802	30975	MWIL	02	06	1600	S14	W65	02	1.7	4	(BG)					
9802		LEAR	02	07	0005	S15	W68	02	1.8		BG	EAI	200	19	15	3
9802		VORO	02	07	0346	S14	W70	02	1.9			DAI	500	19	9	3
9802		RAMY	02	07	1240	S13	W73	02	2.0		B	DSO	80	3	4	3
9802		KAND	02	07	1400	S16	W79	02	1.6			CSO		2	7	3
9802		HOLL	02	07	1520	S13	W75	02	2.0		B	CSO	60	2	8	3
9802	30975	MWIL	02	07	1600	S14	W78	02	1.8	4	(B)					
9802		LEAR	02	08	0015	S15	W79	02	2.0		B	DAO	50	3	10	2
9802		KAND	02	08	0625	S15	W84	02	1.9			AXX		1		3
9812		RAMY	02	02	1335	N12	W11	02	1.7		B	DSO	10	2	3	3
9812	30985	MWIL	02	02	1600	N12	W13	02	1.7	4	(B)					
9812		LEAR	02	03	0030	N12	W19	02	1.6		B	DRO	20	5	3	3
9812		VORO	02	03	0108	N12	W19	02	1.6			BXO	25	4	3	3
9812		SVTO	02	03	0830	N13	W23	02	1.6		B	CSO	50	9	5	2
9812		RAMY	02	03	1305	N12	W25	02	1.7		B	DSO	20	3	6	3
9812	30985	MWIL	02	03	1600	N12	W28	02	1.5	4	(B)					
9812		VORO	02	04	0021	N12	W34	02	1.4			AXX	8	1		3
9812		LEAR	02	04	0042	N12	W32	02	1.6		B	DSO	50	5	5	3
9812		SVTO	02	04	1115	N13	W38	02	1.6		B	BXO	10	3	4	2
9812		RAMY	02	04	1215	N14	W37	02	1.7		B	DSO	10	4	5	3
9812	30985	MWIL	02	04	1545	N13	W39	02	1.7	4	(B)					
9812		LEAR	02	05	0110	N11	W45	02	1.7		B	CAO	40	2	3	4
9812		VORO	02	05	0132	N12	W44	02	1.7			CRO	40	2	3	3
9812		TACH	02	05	0535	N12	W45	02	1.8			BXO	21	2	4	3
9812		SVTO	02	05	0749	N14	W49	02	1.6		B	CRO	20	2	4	2
9812	30985	MWIL	02	05	1545	N14	W51	02	1.8	4	(AF)					
9812		HOLL	02	05	1620	N15	W52	02	1.7		A	AXX	10	1	1	4
9812		VORO	02	06	0027	N13	W56	02	1.8			AXX	8	1		3
9812		LEAR	02	06	0325	N11	W58	02	1.8		A	AXX		1		2
9816		RAMY	01	29	1225	S15	E55	02	2.7		A	AXX	10	2	2	2
9816		LEAR	01	30	0115	S15	E48	02	2.7		B	BXO	10	3	3	2
9816		KAND	01	30	0920	S14	E44	02	2.7			AX		2	1	3
9816		RAMY	01	30	1520	S15	E39	02	2.6		B	BXO		2	2	3
9816		HOLL	01	31	1543	S17	E28	02	2.8		B	BXO	10	4	3	4
9816	30977	MWIL	01	31	1630	S17	E29	02	2.9	4	AP					
9816		SVTO	02	03	0830	S14	W10	02	2.6		B	CRO	30	3	4	2
9816		RAMY	02	03	1305	S16	W12	02	2.6		B	BXO		3	5	3
9816	30987	MWIL	02	03	1600	S12	W14	02	2.6	3	(BG)					
9816		VORO	02	04	0021	S13	W20	02	2.5			DAI	88	5	3	3
9816		LEAR	02	04	0042	S13	W21	02	2.4		B	DAO	80	9	3	3
9816		SVTO	02	04	1115	S12	W26	02	2.5		B	DAO	90	10	5	2
9816	30987	MWIL	02	04	1545	S13	W28	02	2.5	5	(B)					
9816		LEAR	02	05	0110	S14	W33	02	2.5		B	DSO	40	15	5	4
9816		VORO	02	05	0132	S14	W34	02	2.5			DAI	303	12	4	3
9816		TACH	02	05	0535	S14	W38	02	2.4			DAI	339	14	11	3
9816		SVTO	02	05	0749	S12	W38	02	2.5		B	DSO	130	10	6	2
9816	30987	MWIL	02	05	1545	S13	W42	02	2.5	5	(B)					
9816		HOLL	02	05	1620	S11	W42	02	2.5		B	DSO	70	8	4	4
9816		VORO	02	06	0027	S14	W47	02	2.5			DAI	366	19	5	3
9816		LEAR	02	06	0325	S13	W46	02	2.7		B	DAO	50	7	4	2
9816		RAMY	02	06	1253	S10	W53	02	2.5		B	DSO	50	3	3	2
9816		HOLL	02	06	1504	S11	W55	02	2.5		B	DAO	80	3	3	3
9816	30987	MWIL	02	06	1600	S13	W56	02	2.4	5	(B)					
9816		LEAR	02	07	0005	S12	W58	02	2.6		B	DAO	40	4	4	3
9816		VORO	02	07	0346	S13	W59	02	2.7			HAX	43	3		3
9816		TACH	02	07	0728	S14	W61	02	2.7			CAO	81	4	7	3
9816		RAMY	02	07	1240	S11	W65	02	2.6		A	HSX	20	1	1	3
9816		HOLL	02	07	1520	S11	W68	02	2.5		B	CSO	40	3	3	3
9816	30987	MWIL	02	07	1600	S13	W69	02	2.5	4	(B)					
9816		LEAR	02	08	0015	S13	W72	02	2.6		B	CSO	30	3	5	2
9805		VORO	01	27	2354	N14	E76	02	2.7			AXX	21	1		3
9805		LEAR	01	28	0110	N13	E75	02	2.7		A	HSX	20	1	2	2

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9805		RAMY	01	28	1330	N15	E70	02	2.9		B	CSO	10	3	7	4
9805		HOLL	01	28	1530	N14	E67	02	2.7		A	AXX		1		2
9805		VORO	01	29	0025	N15	E65	02	2.9			BXI	36	3	4	3
9805		LEAR	01	29	0035	N14	E64	02	2.9		B	CSO	30	3	7	2
9805		TACH	01	29	0543	N12	E59	02	2.7			CSO	110	3	8	3
9805		SVTO	01	29	0820	N14	E61	02	2.9		B	DRO	40	4	4	3
9805		RAMY	01	29	1225	N14	E57	02	2.8		B	DSO	40	4	4	2
9805		VORO	01	30	0100	N14	E51	02	2.9			BXO	11	2	3	3
9805		LEAR	01	30	0115	N14	E50	02	2.8		B	CSO	20	5	4	2
9805		RAMY	01	30	1520	N14	E43	02	2.9		B	CSO	10	4	4	3
9805		LEAR	01	31	0015	N14	E38	02	2.9		A	AXX		1		2
9805		VORO	01	31	0052	N15	E38	02	2.9			AXX	4	1		3
9805		RAMY	01	31	1218	N11	E38	02	3.4		B	CSO	50	5	4	4
9805		LEAR	02	08	0015	N16	W65	02	3.1		A	HSX	10	1	1	2
9805		LEAR	02	09	0045	N16	W76	02	3.3		A	AXX		1		3
9813		VORO	02	02	0403	S24	E11	02	3.0			AXX	9	1		3
9813		LEAR	02	03	0030	S24	W01	02	2.9		A	AXX	10	2		3
9813		VORO	02	03	0108	S24	W01	02	3.0			AXX	12	4		3
9813		SVTO	02	03	0830	S24	W06	02	2.9		A	HSX	20	3	1	2
9813		RAMY	02	03	1305	S23	W08	02	2.9		A	HSX	10	1	1	3
9813	30988	MWIL	02	03	1600	S25	W09	02	3.0	4	(AF)					
9813		VORO	02	04	0021	S25	W14	02	2.9			AXX	7	1		3
9813		LEAR	02	04	0042	S25	W13	02	3.0		B	BXO	20	2	3	3
9813		SVTO	02	04	1115	S24	W21	02	2.8		A	AXX		1		2
9813		RAMY	02	04	1215	S23	W21	02	2.9		A	AXX		1		3
9806		KAND	01	28	1200	N11	E80	02	3.5			AX		1		3
9806		KAND	01	28	1200	N11	E80	02	3.5			AXX		1		3
9806		RAMY	01	28	1330	N11	E76	02	3.3		A	HSX	30	1	2	4
9806		HOLL	01	28	1530	N11	E73	02	3.1		A	HSX	60	1	1	2
9806		VORO	01	29	0025	N11	E71	02	3.3			HAX	83	1		3
9806		LEAR	01	29	0035	N09	E69	02	3.2		A	HAX	40	1	2	2
9806		SVTO	01	29	0820	N10	E65	02	3.2		A	HSX	20	1	2	3
9806		KAND	01	29	0855	N11	E66	02	3.3			HS		1	2	4
9806		KAND	01	29	0855	N11	E66	02	3.3			HSX		1	2	4
9806		KAND	01	29	0855	N14	E61	02	3.0			BXO		3	3	4
9806		RAMY	01	29	1225	N10	E61	02	3.1		A	HSX	40	1	1	2
9806		VORO	01	30	0100	N11	E56	02	3.2			HAX	49	1		3
9806		LEAR	01	30	0115	N09	E55	02	3.2		A	HSX	30	1	1	2
9806		KAND	01	30	0920	N11	E52	02	3.3			HS		1	1	3
9806		KAND	01	30	0920	N11	E52	02	3.3			HSX		1	1	3
9806		KAND	01	30	0920	N15	E48	02	3.0			AX		2	1	3
9806		RAMY	01	30	1520	N10	E48	02	3.2		A	HSX	40	1	1	3
9806		LEAR	01	31	0015	N11	E43	02	3.2		B	CSO	60	3	3	2
9806		VORO	01	31	0052	N10	E43	02	3.3			HAX	70	1		3
9806		KAND	01	31	0800	N11	E39	02	3.3			CSO		4	3	3
9806		RAMY	01	31	1218	N11	E38	02	3.4		B	CSO	50	5	4	4
9806		HOLL	01	31	1543	N12	E35	02	3.3		B	CAO	50	4	3	4
9806	30978	MWIL	01	31	1630	N11	E35	02	3.3	4	BP					
9806		VORO	02	01	0020	N11	E30	02	3.3			HSX	42	1		3
9806		LEAR	02	01	0104	N10	E28	02	3.1		A	HAX	40	2	1	3
9806		KAND	02	01	0850	N10	E26	02	3.3			HSX		1	1	4
9806		RAMY	02	01	1315	N11	E23	02	3.3		B	CSO	40	3	4	3
9806		HOLL	02	01	1530	N10	E22	02	3.3		A	HSX	40	1	2	3
9806	30978	MWIL	02	01	1600	N10	E18	02	3.0	5	AP					
9806		LEAR	02	02	0105	N11	E17	02	3.3		B	CAO	40	5	5	2
9806		VORO	02	02	0403	N10	E16	02	3.4			CSI	68	3	3	3
9806		SVTO	02	02	1045	N11	E13	02	3.4		B	DSO	80	5	5	2
9806		RAMY	02	02	1335	N10	E11	02	3.4		B	DSO	30	3	4	3
9806	30978	MWIL	02	02	1600	N10	E09	02	3.3	5	(BO)					
9806		LEAR	02	03	0030	N10	E04	02	3.3		B	CSO	30	3	4	3
9806		VORO	02	03	0108	N10	E05	02	3.4			CAI	54	3	4	3
9806		SVTO	02	03	0830	N11	E01	02	3.4		B	DSO	60	6	5	2
9806		RAMY	02	03	1305	N11	W03	02	3.3		B	DSO	40	3	3	3
9806	30978	MWIL	02	03	1600	N10	W04	02	3.4	5	(BP)					
9806		VORO	02	04	0021	N11	W10	02	3.3			HAX	54	1		3
9806		LEAR	02	04	0042	N11	W09	02	3.3		B	CSO	50	5	4	3
9806		SVTO	02	04	1115	N12	W14	02	3.4		B	CSO	30	3	4	2

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Mo	Day	Time (UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
9806		RAMY	02	04	1215	N12	W15	02	3.4		B	CSO	20	2	4	3
9806	30978	MWIL	02	04	1545	N11	W18	02	3.3	4	(AP)					
9806		LEAR	02	05	0110	N10	W25	02	3.2		A	HSX	40	1	1	4
9806		VORO	02	05	0132	N11	W22	02	3.4			HAX	45	1		3
9806		SVTO	02	05	0749	N13	W28	02	3.2		A	HSX	20	1	1	2
9806	30978	MWIL	02	05	1545	N12	W32	02	3.2	4	(AP)					
9806		HOLL	02	05	1620	N12	W32	02	3.3		A	HSX	30	1	1	4
9806		VORO	02	06	0027	N12	W36	02	3.3			DSO	31	2	4	3
9806		LEAR	02	06	0325	N10	W37	02	3.4		B	CAO	30	2	6	2
9806		RAMY	02	06	1253	N14	W44	02	3.2		A	HSX	20	1	1	2
9806		HOLL	02	06	1504	N13	W46	02	3.1		A	HSX	20	1	1	3
9806	30978	MWIL	02	06	1600	N12	W46	02	3.2	4	(AP)					
9806		LEAR	02	07	0005	N12	W51	02	3.2		A	HSX	20	1	1	3
9806		VORO	02	07	0346	N11	W51	02	3.3			HSX	28	1		3
9806		TACH	02	07	0728	N12	W53	02	3.3			HSX	40	1	1	3
9806		RAMY	02	07	1240	N13	W58	02	3.1		A	HSX	20	1	1	3
9806		KAND	02	07	1400	N09	W59	02	3.1			HSX		1	1	3
9806		HOLL	02	07	1520	N13	W58	02	3.3		A	HSX	40	1	1	3
9806	30978	MWIL	02	07	1600	N13	W60	02	3.1	4	(AP)					
9806		LEAR	02	08	0015	N12	W64	02	3.2		A	HSX	20	1	1	2
9806		VORO	02	08	0028	N13	W65	02	3.1			HSX	47	2	2	3
9806		KAND	02	08	0625	N16	W72	02	2.8			AXX		1		3
9806		TACH	02	08	0707	N14	W66	02	3.3			BXO	3	2	2	2
9806		RAMY	02	08	1247	N13	W71	02	3.2		B	CSO	40	4	5	3
9806		HOLL	02	08	1515	N18	W75	02	2.9		A	HSX	30	2	5	3
9806	30978	MWIL	02	08	1600	N14	W74	02	3.1	4	AP					
9806A		LEAR	02	05	0110	S32	W18	02	3.6		B	BXO	20	2	5	4
9806B		LEAR	02	05	0110	S13	W16	02	3.8		A	AXX	10	1		4
9806B		TACH	02	05	0535	S11	W25	02	3.3			HSX	45	1	1	3
9806D		VORO	02	06	0027	S37	W17	02	4.6			AXX	16	3		3
9806C		LEAR	02	07	0005	S28	W29	02	4.7		A	AXX		1		3
9808		LEAR	01	31	0015	N16	E67	02	5.1		A	AXX	10	1	1	2
9808		KAND	01	31	0800	N15	E65	02	5.2			AX		4	3	3
9808		KAND	01	31	0800	N15	E65	02	5.2			AXX		4	3	3
9808		RAMY	01	31	1218	N15	E60	02	5.0		B	DSO	40	3	3	4
9808		HOLL	01	31	1543	N15	E59	02	5.1		B	CAO	30	4	3	4
9808	30979	MWIL	01	31	1630	N15	E58	02	5.1	3	AP					
9808		VORO	02	01	0020	N15	E54	02	5.1			CAO	45	2	2	3
9808		LEAR	02	01	0104	N15	E52	02	5.0		B	DAO	80	7	3	3
9808		KAND	02	01	0850	N15	E49	02	5.1			BXI		9	4	4
9808		RAMY	02	01	1315	N18	E46	02	5.0		B	CAO	50	9	5	3
9808		HOLL	02	01	1530	N16	E45	02	5.0		A	HSX	60	8	4	3
9808	30979	MWIL	02	01	1600	N16	E41	02	4.8	4	BP					
9808		LEAR	02	02	0105	N16	E40	02	5.1		B	CAO	60	5	4	2
9808		VORO	02	02	0403	N16	E39	02	5.1			DAI	73	4	3	3
9808		SVTO	02	02	1045	N17	E36	02	5.2		B	DAO	80	8	5	2
9808		RAMY	02	02	1335	N16	E33	02	5.1		B	CAO	30	6	5	3
9808	30979	MWIL	02	02	1600	N16	E33	02	5.2	4	(B)					
9808		LEAR	02	03	0030	N16	E27	02	5.1		B	CRO	20	7	5	3
9808		VORO	02	03	0108	N17	E28	02	5.2			CAI	49	8	4	3
9808		SVTO	02	03	0830	N17	E23	02	5.1		B	DSO	60	13	7	2
9808		RAMY	02	03	1305	N17	E21	02	5.1		B	DSO	20	10	5	3
9808	30979	MWIL	02	03	1600	N17	E17	02	4.9	4	(B)					
9808		VORO	02	04	0021	N17	E14	02	5.1			CAI	84	9	5	3
9808		LEAR	02	04	0042	N17	E13	02	5.0		B	DSO	110	8	6	3
9808		SVTO	02	04	1115	N18	E08	02	5.1		B	DSO	30	4	7	2
9808		RAMY	02	04	1215	N18	E07	02	5.0		B	DSO	10	7	7	3
9808	30979	MWIL	02	04	1545	N17	E05	02	5.0	4	(B)					
9808		LEAR	02	05	0110	N17	W02	02	4.9		B	CAO	80	12	7	4
9808		VORO	02	05	0132	N17	W00	02	5.1			BXI	69	10	6	3
9808		TACH	02	05	0535	N17	W03	02	5.0			BRI	11	5	4	3
9808		SVTO	02	05	0749	N17	W04	02	5.0		B	DAO	50	14	8	2
9808	30979	MWIL	02	05	1545	N17	W08	02	5.0	4	(BG)					
9808		HOLL	02	05	1620	N18	W09	02	5.0		B	DSO	50	14	9	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
9808		VORO	02	06	0027	N17	W14	02	4.9			DSO	136	14	6	3
9808		LEAR	02	06	0325	N16	W16	02	4.9		B	DAO	40	14	6	2
9808		RAMY	02	06	1253	N18	W20	02	5.0		B	DSO	60	11	7	2
9808		HOLL	02	06	1504	N18	W22	02	4.9		B	CAO	70	13	6	3
9808	30979	MWIL	02	06	1600	N17	W22	02	5.0	4	(B)					
9808		LEAR	02	07	0005	N17	W27	02	4.9		B	DAO	60	9	6	3
9808		VORO	02	07	0346	N17	W29	02	4.9			DSO	207	11	5	3
9808		TACH	02	07	0728	N16	W30	02	5.0			BRO	33	5	5	3
9808		RAMY	02	07	1240	N19	W34	02	4.9		B	CSO	90	6	6	3
9808		KAND	02	07	1400	N16	W35	02	4.9			CAO		3	6	3
9808		HOLL	02	07	1520	N18	W36	02	4.9		B	DSO	70	8	7	3
9808	30979	MWIL	02	07	1600	N17	W36	02	4.9	4	(BP)					
9808		LEAR	02	08	0015	N17	W39	02	5.0		B	CSO	40	7	6	2
9808		VORO	02	08	0028	N17	W42	02	4.8			DSO	120	3	1	3
9808		KAND	02	08	0625	N18	W47	02	4.7			CSO		4	4	3
9808		TACH	02	08	0707	N17	W44	02	4.9			AR	35	2	2	2
9808		RAMY	02	08	1247	N18	W48	02	4.9		B	DSO	30	4	4	3
9808		HOLL	02	08	1515	N19	W51	02	4.7		A	HAX	30	3	2	3
9808	30979	MWIL	02	08	1600	N17	W52	02	4.7	4	(AP)					
9808		LEAR	02	09	0045	N17	W55	02	4.8		A	AXX	10	3	2	3
9808		TACH	02	09	0435	N16	W57	02	4.9			AXX	2	1	1	3
9814		LEAR	02	03	0030	N07	E26	02	5.0		B	BXO		2	3	3
9814		SVTO	02	03	0830	N08	E23	02	5.1		B	CRO	30	5	5	2
9814		RAMY	02	03	1305	N07	E21	02	5.1		B	BXO	10	6	5	3
9814	30989	MWIL	02	03	1600	N08	E18	02	5.0	3	(AP)					
9814		LEAR	02	04	0042	N07	E14	02	5.1		B	BXO	20	3	2	3
9814		SVTO	02	04	1115	N07	E08	02	5.1		A	HRX	10	1	1	2
9814		RAMY	02	04	1215	N08	E07	02	5.0		A	HRX		1		3
9814	30989	MWIL	02	04	1545	N07	E05	02	5.0	4	(AP)					
9814		LEAR	02	05	0110	N07	W02	02	4.9		A	HAX	20	2	1	4
9814		VORO	02	05	0132	N07	W00	02	5.1			AXX	15	1		3
9814		TACH	02	05	0535	N07	W04	02	4.9			AXX	2	1	1	3
9814		SVTO	02	05	0749	N07	W04	02	5.0		A	HSX	10	2	1	2
9814	30989	MWIL	02	05	1545	N07	W09	02	5.0	4	(AP)					
9814		HOLL	02	05	1620	N08	W09	02	5.0		A	AXX	10	1	1	4
9814		VORO	02	06	0027	N07	W15	02	4.9			BXO	15	4	2	3
9814		RAMY	02	08	1247	N07	W46	02	5.1		B	CSO	10	3	3	3
9814		HOLL	02	08	1515	N09	W46	02	5.2		A	HSX	30	2	3	3
9814	30996	MWIL	02	08	1600	N07	W47	02	5.1	4	(AP)					
9814		LEAR	02	09	0045	N06	W51	02	5.2		A	HRX	10	1	1	3
9814		VORO	02	09	0047	N06	W52	02	5.1			AXX	16	1		3
9814		TACH	02	09	0435	N07	W54	02	5.1			AXX	3	1	1	3
9814		SVTO	02	09	1130	N07	W58	02	5.1		A	AXX		1	1	3
9814		KAND	02	09	1225	N06	W59	02	5.1			AXX		1		3
9814A	30990	MWIL	02	03	1600	S10	E26	02	5.6	3	(AP)					
9814A		LEAR	02	04	0042	S10	E20	02	5.5		A	AXX	10	1		3
9814A		LEAR	02	05	0110	S13	E01	02	5.1		A	AXX	10	1		4
9814B		TACH	02	05	0535	S21	E04	02	5.5			AR	5	5	3	3
9807		VORO	01	30	0100	S25	E85	02	5.6			HAX	43	1		3
9807		LEAR	01	30	0115	S27	E84	02	5.6		A	HAX	60	1	3	2
9807		KAND	01	30	0920	S26	E82	02	5.7			HS		1	3	3
9807		KAND	01	30	0920	S26	E82	02	5.7			HSX		1	3	3
9807		RAMY	01	30	1520	S27	E80	02	5.9		B	ESO	230	5	14	3
9807		LEAR	01	31	0015	S27	E76	02	5.9		B	EAO	190	5	12	2
9807		VORO	01	31	0052	S27	E78	02	6.1			DAO	258	3	11	3
9807		KAND	01	31	0800	S27	E74	02	6.1			EAO		7	14	3
9807		RAMY	01	31	1218	S26	E70	02	5.9		B	EKO	490	6	12	4
9807		HOLL	01	31	1543	S26	E68	02	5.9		B	EKO	330	10	11	4
9807	30980	MWIL	01	31	1630	S27	E69	02	6.1	5	B					
9807		VORO	02	01	0020	S27	E65	02	6.1			DAI	399	5	10	3
9807		LEAR	02	01	0104	S28	E63	02	6.0		BG	EKI	330	13	12	3
9807		KAND	02	01	0850	S28	E66	02	6.5			EAO		8	12	4
9807		RAMY	02	01	1315	S26	E55	02	5.8		BG	EKI	260	14	13	3
9807		HOLL	02	01	1530	S28	E60	02	6.3		BG	EAI	60	13	13	3
9807	30980	MWIL	02	01	1600	S27	E53	02	5.8	5	B					

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9807		LEAR	02	02	0105	S27	E51	02	6.0		BG	EAI	240	7	12	2
9807		VORO	02	02	0403	S27	E50	02	6.1			DAI	272	10	11	3
9807		SVTO	02	02	1045	S26	E48	02	6.2		B	ESO	190	18	13	2
9807		RAMY	02	02	1335	S28	E43	02	5.9		BG	EAI	210	21	13	3
9807	30980	MWIL	02	02	1600	S26	E44	02	6.1	5	(B)					
9807		LEAR	02	03	0030	S27	E39	02	6.0		B	EAO	130	26	13	3
9807		VORO	02	03	0108	S27	E39	02	6.1			DAI	206	18	13	3
9807		SVTO	02	03	0830	S27	E36	02	6.1		B	ESI	120	25	12	2
9807		RAMY	02	03	1305	S28	E32	02	6.0		BG	ESI	110	26	14	3
9807	30980	MWIL	02	03	1600	S27	E31	02	6.1	5	(BG)					
9807		VORO	02	04	0021	S26	E26	02	6.0			DAI	247	23	13	3
9807		LEAR	02	04	0042	S27	E25	02	6.0		B	EAI	150	32	13	3
9807		SVTO	02	04	1115	S28	E19	02	5.9		B	EAI	100	15	15	2
9807		RAMY	02	04	1215	S27	E18	02	5.9		B	ESI	30	29	13	3
9807	30980	MWIL	02	04	1545	S27	E17	02	6.0	4	(BG)					
9807		LEAR	02	05	0110	S26	E14	02	6.1		BG	EAO	210	24	15	4
9807		VORO	02	05	0132	S27	E12	02	6.0			DSO	88	17	14	3
9807		TACH	02	05	0535	S25	E13	02	6.2			BXO	20	5	2	3
9807		SVTO	02	05	0749	S26	E07	02	5.9		B	EAO	70	17	15	2
9807	30980	MWIL	02	05	1545	S27	E05	02	6.0	4	(B)					
9807		HOLL	02	05	1620	S27	E05	02	6.1		B	EAO	60	12	11	4
9807		VORO	02	06	0027	S27	E02	02	6.2			BXO	86	12	10	3
9807		LEAR	02	06	0325	S26	E01	02	6.2		B	CRO	40	10	11	2
9807		RAMY	02	06	1253	S27	W07	02	6.0		B	BXO	20	7	13	2
9807		HOLL	02	06	1504	S27	W07	02	6.1		B	CAO	40	10	13	3
9807	30980	MWIL	02	06	1600	S27	W07	02	6.1	4	(B)					
9807		LEAR	02	07	0005	S27	W11	02	6.1		B	CSO	30	14	13	3
9807		VORO	02	07	0346	S29	W07	02	6.6			BXO	39	8	10	3
9807		RAMY	02	07	1240	S26	W13	02	6.5		B	BXO	20	6	8	3
9807		HOLL	02	07	1520	S28	W17	02	6.3		B	CSO	20	4	8	3
9807	30980	MWIL	02	07	1600	S26	W19	02	6.2	4	(BF)					
9807		LEAR	02	08	0015	S26	W25	02	6.1		B	BXO	20	9	12	2
9807		RAMY	02	08	1247	S27	W26	02	6.5		B	CSO	10	6	5	3
9809		RAMY	01	30	1520	S06	E83	02	5.8		A	HSX	30	1	2	3
9809		LEAR	01	31	0015	S05	E79	02	5.9		B	DAO	120	2	5	2
9809		VORO	01	31	0052	S05	E81	02	6.1			DAO	163	2	4	3
9809		KAND	01	31	0800	S05	E82	02	6.5			DAO		2	8	3
9809		RAMY	01	31	1218	S07	E73	02	6.0		B	DSO	90	2	5	4
9809		HOLL	01	31	1543	S05	E73	02	6.1		B	DSO	170	2	6	4
9809	30981	MWIL	01	31	1630	S05	E72	02	6.1	4	B					
9809		VORO	02	01	0020	S05	E69	02	6.2			DAO	161	2	4	3
9809		LEAR	02	01	0104	S06	E67	02	6.0		B	DAO	140	3	5	3
9809		KAND	02	01	0850	S05	E65	02	6.2			DAO		2	6	4
9809		RAMY	02	01	1315	S05	E60	02	6.0		B	DSO	110	3	5	3
9809		HOLL	02	01	1530	S07	E62	02	6.3		B	DAO	110	2	5	3
9809	30982	MWIL	02	01	1600	S04	E55	02	5.8	5	AP					
9809	30981	MWIL	02	01	1600	S07	E58	02	6.0	5	AP					
9809		LEAR	02	02	0105	S05	E53	02	6.0		B	DAO	80	2	5	2
9809		VORO	02	02	0403	S05	E53	02	6.1			DAO	189	2	4	3
9809		SVTO	02	02	1045	S06	E50	02	6.2		B	DSO	180	5	7	2
9809		RAMY	02	02	1335	S06	E47	02	6.1		B	DSO	110	3	6	3
9809	30982	MWIL	02	02	1600	S04	E44	02	5.9	5	(AP)					
9809	30981	MWIL	02	02	1600	S06	E48	02	6.2	5	(AP)					
9809		LEAR	02	03	0030	S05	E41	02	6.1		B	DSO	80	3	6	3
9809		VORO	02	03	0108	S05	E41	02	6.1			DAO	157	3	4	3
9809		SVTO	02	03	0830	S06	E37	02	6.1		B	DSO	120	8	7	2
9809		RAMY	02	03	1305	S06	E35	02	6.2		B	DSO	10	6	6	3
9809	30982	MWIL	02	03	1600	S04	E31	02	6.0	4	(AP)					
9809	30981	MWIL	02	03	1600	S06	E35	02	6.3	5	(AP)					
9809		VORO	02	04	0021	S06	E28	02	6.1			DAO	204	2	5	3
9809		LEAR	02	04	0042	S05	E28	02	6.1		B	DSO	120	7	6	3
9809		SVTO	02	04	1115	S06	E22	02	6.1		B	DSO	100	3	7	2
9809		RAMY	02	04	1215	S07	E23	02	6.2		B	ESO	80	8	14	3
9809	30982	MWIL	02	04	1545	S04	E17	02	5.9	4	(AP)					
9809	30981	MWIL	02	04	1545	S06	E22	02	6.3	5	(AP)					
9809		LEAR	02	05	0110	S06	E16	02	6.2		B	CSO	120	7	10	4
9809		VORO	02	05	0132	S05	E15	02	6.2			DAO	234	3	5	3
9809		TACH	02	05	0535	S04	E10	02	6.0			CSO	145	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
9809		SVTO	02	05	0749	S06	E13	02	6.3		B	DSO	130	11	10	2
9809	30982	MWIL	02	05	1545	S04	E05	02	6.0	4	(AP)					
9809	30981	MWIL	02	05	1545	S07	E08	02	6.2	5	(BP)					
9809		HOLL	02	05	1620	S06	E06	02	6.1		B	DSO	60	6	7	4
9809		VORO	02	06	0027	S04	W02	02	5.9			DAO	227	6	3	3
9809		LEAR	02	06	0325	S05	E01	02	6.2		B	DSO	90	6	8	2
9809		RAMY	02	06	1253	S04	W06	02	6.1		B	DSO	90	5	5	2
9809		HOLL	02	06	1504	S04	W07	02	6.1		B	DAO	100	11	6	3
9809	30982	MWIL	02	06	1600	S04	W09	02	6.0	4	(AP)					
9809	30981	MWIL	02	06	1600	S06	W05	02	6.3	5	(AP)					
9809		LEAR	02	07	0005	S05	W11	02	6.2		B	DSO	110	7	6	3
9809		VORO	02	07	0346	S05	W14	02	6.1			DAO	217	18	4	3
9809		TACH	02	07	0728	S04	W15	02	6.2			CSO	81	3	4	3
9809		RAMY	02	07	1240	S04	W19	02	6.1		B	DSO	70	5	7	3
9809		KAND	02	07	1400	S06	W20	02	6.1			DSO		2	5	3
9809		HOLL	02	07	1520	S05	W19	02	6.2		B	DSO	70	10	9	3
9809	30982	MWIL	02	07	1600	S04	W22	02	6.0	4	(AP)					
9809	30981	MWIL	02	07	1600	S06	W17	02	6.4	5	(AP)					
9809		LEAR	02	08	0015	S06	W25	02	6.1		B	DSO	80	6	7	2
9809		VORO	02	08	0028	S05	W25	02	6.1			DAO	250	3	4	3
9809		KAND	02	08	0625	S05	W29	02	6.1			DSO		3	6	3
9809		TACH	02	08	0707	S04	W27	02	6.3			BXO	60	2	4	2
9809		RAMY	02	08	1247	S05	W31	02	6.2		B	DSO	50	5	5	3
9809		HOLL	02	08	1515	S02	W34	02	6.1		B	DAO	60	5	6	3
9809	30982	MWIL	02	08	1600	S04	W36	02	6.0	4	(AP)					
9809	30981	MWIL	02	08	1600	S06	W32	02	6.3	5	(AP)					
9809		LEAR	02	09	0045	S06	W36	02	6.3		B	CSO	50	3	5	3
9809		VORO	02	09	0047	S05	W38	02	6.2			DAO	126	2	4	3
9809		TACH	02	09	0435	S04	W39	02	6.3			CSO	60	2	5	3
9809		SVTO	02	09	1130	S05	W44	02	6.2		B	CSO	80	2	6	3
9809		KAND	02	09	1225	S05	W45	02	6.1			CSO		2	5	3
9809		RAMY	02	09	1320	S05	W46	02	6.1		B	DSO	60	2	6	3
9809	30981	MWIL	02	09	1545	S05	W46	02	6.2	5	(AP)					
9809		HOLL	02	09	1827	S04	W48	02	6.2		B	CAO	30	2	4	2
9809		VORO	02	10	0037	S06	W50	02	6.3			HAX	37	1		3
9809		LEAR	02	10	0050	S05	W51	02	6.2		B	CSO	20	3	5	3
9809		TACH	02	10	0631	S05	W50	02	6.5			HSX	30	1	1	3
9809		KAND	02	10	1030	S04	W56	02	6.2			HSX		1	2	2
9809		SVTO	02	10	1210	S05	W57	02	6.2		A	HSX	30	1	1	3
9809		RAMY	02	10	1359	S06	W57	02	6.3		A	HSX	40	1	1	3
9809	30981	MWIL	02	10	1545	S06	W58	02	6.3	5	(AP)					
9809		HOLL	02	10	1620	S05	W59	02	6.3		A	HAX	70	1	2	2
9809		LEAR	02	11	0036	S07	W62	02	6.4		A	HSX	70	1	1	2
9809		VORO	02	11	0213	S06	W64	02	6.3			HAX	41	1		3
9809		SVTO	02	11	0732	S05	W67	02	6.3		A	HSX	20	1	1	3
9809		RAMY	02	11	1250	S06	W70	02	6.3		A	HSX	20	1	1	3
9809		HOLL	02	11	1520	S04	W72	02	6.2		A	HAX	60	1	1	2
9809	30981	MWIL	02	11	1545	S06	W71	02	6.3	4	(AP)					
9809		LEAR	02	12	0035	S06	W76	02	6.3		A	HAX	30	1	1	3
9809		VORO	02	12	0038	S06	W77	02	6.3			HAX	42	1		3
9809		KAND	02	12	0720	S07	W83	02	6.1			AXX		1	1	3
9809		SVTO	02	12	0910	S06	W86	02	5.9		A	HSX	30	1	2	3
9809A		HOLL	02	08	1515	N20	W22	02	6.9		A	AXX		1	1	3
9809B		HOLL	02	11	1520	S16	W56	02	7.4		A	AXX		1		2
9817		LEAR	02	05	0110	S05	E35	02	7.7		B	BXO	20	2	2	4
9817		VORO	02	05	0132	S10	E35	02	7.7			AXX	10	1		3
9817		TACH	02	05	0535	S06	E28	02	7.3			AXX	5	1	1	3
9817		SVTO	02	05	0749	S08	E32	02	7.7		B	BXO	10	5	3	2
9817	30992	MWIL	02	05	1545	S08	E21	02	7.2	4	(B)					
9817		HOLL	02	05	1620	S08	E27	02	7.7		B	BXO	20	2	3	4
9817		VORO	02	06	0027	S08	E21	02	7.6			AXX	7	1		3
9817		LEAR	02	06	0325	S06	E18	02	7.5		A	AXX		1		2
9817	30992	MWIL	02	06	1600	S08	E12	02	7.6	3	(AP)					
9810		RAMY	02	01	1315	N11	E86	02	8.0		A	HSX	90	2	4	3
9810		HOLL	02	01	1530	N08	E84	02	7.9		A	HAX	120	1	2	3

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9810	30983	MWIL	02	01	1600	N09	E80	02	7.7	5	AP					
9810		LEAR	02	02	0105	N10	E77	02	7.8		A	HKX	120	1	5	2
9810		VORO	02	02	0403	N09	E77	02	7.9			HAX	250	1		3
9810		SVTO	02	02	1045	N08	E75	02	8.1		B	CSO	180	3	3	2
9810		RAMY	02	02	1335	N09	E71	02	7.9		B	CSO	270	2	5	3
9810	30983	MWIL	02	02	1600	N09	E70	02	7.9	5	(AP)					
9810		LEAR	02	03	0030	N10	E65	02	7.9		B	CSO	150	3	3	3
9810		VORO	02	03	0108	N10	E65	02	7.9			HKX	305	2		3
9810		SVTO	02	03	0830	N09	E62	02	8.0		B	CAO	260	3	4	2
9810		RAMY	02	03	1305	N09	E60	02	8.0		A	HAX	210	4	5	3
9810	30983	MWIL	02	03	1600	N09	E56	02	7.9	5	(BP)					
9810		VORO	02	04	0021	N10	E52	02	7.9			HKX	858	1		3
9810		LEAR	02	04	0042	N10	E51	02	7.9		B	DKO	210	6	4	3
9810		SVTO	02	04	1115	N09	E47	02	8.0		B	DAO	290	2	4	2
9810		RAMY	02	04	1215	N09	E46	02	8.0		B	DAO	200	4	4	3
9810	30983	MWIL	02	04	1545	N10	E43	02	7.9	5	(AP)					
9810		LEAR	02	05	0110	N12	E37	02	7.8		B	DSO	230	4	3	4
9810		VORO	02	05	0132	N10	E39	02	8.0			HKX	534	3	2	3
9810		TACH	02	05	0535	N10	E32	02	7.6			HA	255	2	3	3
9810		SVTO	02	05	0749	N08	E34	02	7.9		B	DKO	240	2	4	2
9810	30983	MWIL	02	05	1545	N10	E30	02	7.9	5	(AP)					
9810		HOLL	02	05	1620	N09	E30	02	7.9		B	CKO	130	3	4	4
9810		VORO	02	06	0027	N10	E26	02	8.0			HKX	336	6	1	3
9810		LEAR	02	06	0325	N14	E23	02	7.9		B	DKO	180	4	5	2
9810		RAMY	02	06	1253	N10	E19	02	8.0		B	CSO	180	4	3	2
9810		HOLL	02	06	1504	N09	E18	02	8.0		B	CAO	60	8	4	3
9810	30983	MWIL	02	06	1600	N10	E17	02	7.9	5	(BP)					
9810		LEAR	02	07	0005	N10	E14	02	8.0		B	CAO	190	9	6	3
9810		VORO	02	07	0346	N10	E10	02	7.9			HKX	415	3		3
9810		TACH	02	07	0728	N09	E06	02	7.8			HSX	200	1	2	3
9810		RAMY	02	07	1240	N10	E05	02	7.9		A	HSX	180	1	2	3
9810		HOLL	02	07	1520	N10	E06	02	8.1		B	HAX	150	2	3	3
9810	30983	MWIL	02	07	1600	N10	E04	02	8.0	5	(AP)					
9810		LEAR	02	08	0015	N10	W01	02	7.9		A	HAX	170	4	4	2
9810		VORO	02	08	0028	N09	W02	02	7.9			HKX	284	4		3
9810		KAND	02	08	0625	N10	W06	02	7.8			CAO		4	3	3
9810		TACH	02	08	0707	N10	W06	02	7.8			HSX	200	1	2	2
9810		RAMY	02	08	1247	N11	W08	02	7.9		B	DAO	120	7	3	3
9810		HOLL	02	08	1515	N11	W09	02	7.9		B	DAO	120	13	7	3
9810	30983	MWIL	02	08	1600	N10	W11	02	7.8	5	(AP)					
9810	30997	MWIL	02	08	1600	N15	W10	02	7.9	4	(AP)					
9810		LEAR	02	09	0045	N10	W14	02	8.0		B	CSO	120	9	8	3
9810		VORO	02	09	0047	N14	W15	02	7.9			AXX	9	1		3
9810		TACH	02	09	0435	N09	W17	02	7.9			CAO	104	5	2	3
9810		TACH	02	09	0435	N15	W16	02	8.0			AXX	5	1	1	3
9810		SVTO	02	09	1130	N09	W21	02	7.9		B	CSI	150	10	11	3
9810		KAND	02	09	1225	N10	W21	02	7.9			CAO		10	3	3
9810		RAMY	02	09	1320	N11	W22	02	7.9		B	CSO	170	9	7	3
9810	30983	MWIL	02	09	1545	N10	W23	02	7.9	5	(BP)					
9810		HOLL	02	09	1827	N08	W25	02	7.9		B	CAO	150	6	3	2
9810		VORO	02	10	0037	N09	W28	02	7.9			HKX	223	3		3
9810		LEAR	02	10	0050	N09	W29	02	7.8		A	HSX	140	5	4	3
9810		TACH	02	10	0631	N10	W29	02	8.1			HSX	150	2	2	3
9810		KAND	02	10	1030	N09	W34	02	7.9			HAX		3	3	2
9810		SVTO	02	10	1210	N10	W35	02	7.9		B	CSO	130	3	4	3
9810		RAMY	02	10	1359	N10	W37	02	7.8		B	CSO	110	4	3	3
9810	30983	MWIL	02	10	1545	N09	W36	02	7.9	5	(AP)					
9810		HOLL	02	10	1620	N09	W38	02	7.8		B	DAO	100	3	3	2
9810		LEAR	02	11	0036	N09	W41	02	7.9		A	HSX	120	4	3	2
9810		VORO	02	11	0213	N09	W43	02	7.9			HAX	176	2		3
9810		SVTO	02	11	0732	N11	W46	02	7.8		A	HSX	80	1	3	3
9810		RAMY	02	11	1250	N10	W48	02	7.9		B	CSO	120	3	3	3
9810		HOLL	02	11	1520	N10	W50	02	7.9		B	CAO	70	4	3	2
9810	30983	MWIL	02	11	1545	N09	W49	02	8.0	5	(AP)					
9810		LEAR	02	12	0035	N09	W54	02	8.0		A	HSX	70	2	2	3
9810		VORO	02	12	0038	N09	W55	02	7.9			HAX	118	2		3
9810		KAND	02	12	0720	N09	W58	02	7.9			HSX		1	2	3
9810		SVTO	02	12	0910	N09	W61	02	7.8		A	HAX	80	1	2	3
9810		TACH	02	12	0935	N10	W59	02	8.0			HSX	55	1	1	3

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9810		RAMY	02	12	1225	N09	W61	02	7.9		A	HSX	80	2	2	3
9810		HOLL	02	12	1508	N12	W65	02	7.7		A	HSX	50	1	2	4
9810	30983	MWIL	02	12	1545	N09	W63	02	7.9	5	(AP)					
9810		VORO	02	13	0050	N09	W68	02	7.9			HAX	108	1		3
9810		LEAR	02	13	0100	N10	W67	02	8.0		A	HAX	110	1	2	1
9810		KAND	02	13	0805	N09	W72	02	7.9			HSX		1	2	4
9810		SVTO	02	13	0850	N09	W77	02	7.6		A	HAX	60	1	2	3
9810		RAMY	02	13	1220	N11	W78	02	7.6		A	HSX	120	1	3	3
9810	30983	MWIL	02	13	1730	N10	W79	02	7.8	5	AP					
9810		HOLL	02	13	1730	N11	W80	02	7.7		A	HAX	60	1	2	2
9810		LEAR	02	14	0020	N10	W82	02	7.8		A	HSX	60	1	2	2
9810A		LEAR	02	10	0050	S25	W17	02	8.7		A	AXX	10	2	1	3
9810A		LEAR	02	11	0036	S26	W30	02	8.7		A	AXX	10	2	1	2
9810A		SVTO	02	11	0732	S24	W35	02	8.6		A	AXX		1		3
9810A		RAMY	02	11	1250	S25	W37	02	8.7		A	AXX		1		3
9815		LEAR	02	03	0030	N12	E79	02	9.0		A	HSX	30	1	1	3
9815		VORO	02	03	0108	N12	E84	02	9.4			HAX	48	1		3
9815		SVTO	02	03	0830	N12	E80	02	9.4		A	HSX	180	1	6	2
9815		RAMY	02	03	1305	N11	E78	02	9.4		A	HSX	50	1	2	3
9815	30991	MWIL	02	03	1600	N12	E75	02	9.3	4	(AF)					
9815		VORO	02	04	0021	N12	E69	02	9.2			HAX	131	1		3
9815		LEAR	02	04	0042	N12	E68	02	9.1		A	HAX	100	2	2	3
9815		SVTO	02	04	1115	N09	E65	02	9.3		A	HAX	70	1	4	2
9815		RAMY	02	04	1215	N10	E63	02	9.2		A	HAX	70	2	2	3
9815	30991	MWIL	02	04	1545	N12	E61	02	9.2	4	(AF)					
9815		LEAR	02	05	0110	N14	E54	02	9.1		B	CAO	120	4	3	4
9815		VORO	02	05	0132	N11	E56	02	9.3			HAX	96	1		3
9815		TACH	02	05	0535	N12	E49	02	8.9			HSX	50	1	1	3
9815		SVTO	02	05	0749	N11	E53	02	9.3		B	CAO	60	2	3	2
9815	30991	MWIL	02	05	1545	N12	E47	02	9.2	5	(AF)					
9815		HOLL	02	05	1620	N11	E48	02	9.3		A	HAX	30	2	2	4
9815		VORO	02	06	0027	N11	E43	02	9.2			HAX	95	1		3
9815		LEAR	02	06	0325	N13	E38	02	9.0		B	CAO	50	7	4	2
9815		RAMY	02	06	1253	N11	E37	02	9.3		B	CAO	70	6	3	2
9815		HOLL	02	06	1504	N11	E34	02	9.2		B	CAO	60	7	3	3
9815	30991	MWIL	02	06	1600	N12	E35	02	9.3	5	(AF)					
9815		LEAR	02	07	0005	N12	E29	02	9.2		B	DAO	100	13	5	3
9815		VORO	02	07	0346	N12	E27	02	9.2			DSO	259	12	4	3
9815		TACH	02	07	0728	N11	E21	02	8.9			BRO	52	4	4	3
9815		RAMY	02	07	1240	N12	E23	02	9.3		B	CSO	70	6	3	3
9815		KAND	02	07	1400	N11	E20	02	9.1			CSO		7	4	3
9815		HOLL	02	07	1520	N11	E22	02	9.3		B	CAO	60	10	6	3
9815	30991	MWIL	02	07	1600	N12	E21	02	9.2	5	BF					
9815		LEAR	02	08	0015	N12	E15	02	9.1		B	DAO	70	10	6	2
9815		VORO	02	08	0028	N12	E18	02	9.4			DSO	132	8	1	3
9815		KAND	02	08	0625	N11	E13	02	9.2			CRO		7	3	3
9815		TACH	02	08	0707	N12	E11	02	9.1			AR	62	4	2	2
9815		RAMY	02	08	1247	N11	E07	02	9.0		B	DAO	50	16	8	3
9815		HOLL	02	08	1515	N10	E08	02	9.2		B	DAO	60	12	5	3
9815	30991	MWIL	02	08	1600	N12	E08	02	9.3	4	(AF)					
9815		LEAR	02	09	0045	N11	E04	02	9.3		A	AXX	10	5	2	3
9815		VORO	02	09	0047	N12	E04	02	9.3			BXO	47	6	1	3
9815		TACH	02	09	0435	N13	E01	02	9.3			AR	3	3	1	3
9815		SVTO	02	09	1130	N12	W03	02	9.2		B	CSO	40	8	7	3
9815		KAND	02	09	1225	N13	W05	02	9.1			BXO		7	6	3
9815		RAMY	02	09	1320	N11	W05	02	9.2		B	BXO	10	8	5	3
9815	30991	MWIL	02	09	1545	N13	W06	02	9.2	4	(BF)					
9815		HOLL	02	09	1827	N12	W08	02	9.2		B	BXO	20	10	5	2
9815		VORO	02	10	0037	N12	W13	02	9.0			AXX	10	2		3
9815		LEAR	02	10	0050	N11	W12	02	9.1		B	BXO	40	5	5	3
9815	30991	MWIL	02	10	1545	N11	W19	02	9.2	3	(AF)					
9815	30991	MWIL	02	11	1545	N10	W32	02	9.2	3	(AP)					
9811		RAMY	02	02	1335	S27	E88	02	9.4		A	HAX	90	1	2	3
9811	30986	MWIL	02	02	1600	S25	E86	02	9.3	4	AP					
9811		LEAR	02	03	0030	S25	E80	02	9.2		A	HSX	60	1	1	3
9811		VORO	02	03	0108	S26	E81	02	9.3			HKX	256	1		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
9811		SVTO	02	03	0830	S27	E77	02	9.3		B	CSO	180	3	7	2
9811		RAMY	02	03	1305	S25	E76	02	9.4		B	DKO	150	5	8	3
9811	30986	MWIL	02	03	1600	S26	E74	02	9.4	4	(B)					
9811		VORO	02	04	0021	S26	E70	02	9.4			HKX	379	5	6	3
9811		LEAR	02	04	0042	S26	E69	02	9.4		B	DAO	90	9	7	3
9811		SVTO	02	04	1115	S27	E65	02	9.5		B	CAO	90	3	7	2
9811		RAMY	02	04	1215	S27	E64	02	9.5		B	DAO	210	7	8	3
9811	30986	MWIL	02	04	1545	S26	E61	02	9.4	4	(B)					
9811		LEAR	02	05	0110	S23	E57	02	9.4		B	DAO	240	13	6	4
9811		VORO	02	05	0132	S26	E57	02	9.5			HKX	807	9	5	3
9811		TACH	02	05	0535	S24	E51	02	9.2			CAI	148	6	5	3
9811		SVTO	02	05	0749	S27	E53	02	9.4		B	DAO	260	8	8	2
9811	30986	MWIL	02	05	1545	S26	E48	02	9.4	4	(B)					
9811		HOLL	02	05	1620	S26	E49	02	9.5		B	DAO	120	12	8	4
9811		VORO	02	06	0027	S26	E45	02	9.5			HKX	404	22	5	3
9811		LEAR	02	06	0325	S23	E45	02	9.6		B	DAO	220	11	6	2
9811		RAMY	02	06	1253	S26	E37	02	9.4		B	DAO	150	8	6	2
9811		HOLL	02	06	1504	S26	E36	02	9.4		B	DAI	220	16	7	3
9811	30986	MWIL	02	06	1600	S26	E36	02	9.5	5	(B)					
9811		LEAR	02	07	0005	S25	E32	02	9.5		B	DAO	180	12	6	3
9811		VORO	02	07	0346	S25	E31	02	9.5			HKX	353	12	5	3
9811		TACH	02	07	0728	S23	E25	02	9.2			CSO	136	3	4	3
9811		RAMY	02	07	1240	S26	E25	02	9.5		B	DSO	150	7	6	3
9811		KAND	02	07	1400	S25	E25	02	9.5			DAO		6	6	3
9811		HOLL	02	07	1520	S27	E25	02	9.6		B	DKI	100	15	7	3
9811	30986	MWIL	02	07	1600	S25	E23	02	9.4	4	(B)					
9811		LEAR	02	08	0015	S25	E20	02	9.5		B	DAO	140	9	5	2
9811		VORO	02	08	0028	S25	E20	02	9.6			HKX	358	17	4	3
9811		KAND	02	08	0625	S26	E14	02	9.3			CAI		13	6	3
9811		TACH	02	08	0707	S21	E13	02	9.3			CAO	153	4	4	2
9811		RAMY	02	08	1247	S26	E12	02	9.5		B	DAO	150	14	7	3
9811		HOLL	02	08	1515	S26	E10	02	9.4		B	CAO	130	12	6	3
9811	30986	MWIL	02	08	1600	S25	E11	02	9.5	5	(B)					
9811		LEAR	02	09	0045	S27	E06	02	9.5		B	CAO	120	12	7	3
9811		VORO	02	09	0047	S26	E07	02	9.6			HKX	308	11	4	3
9811		TACH	02	09	0435	S20	E03	02	9.4			BRI	17	7	5	3
9811		SVTO	02	09	1130	S27	E01	02	9.5		B	CSI	110	19	8	3
9811		KAND	02	09	1225	S25	E01	02	9.6			CAO		7	5	3
9811		RAMY	02	09	1320	S26	E00	02	9.5		B	CAO	140	10	4	3
9811	30986	MWIL	02	09	1545	S25	W02	02	9.5	4	(BP)					
9811		HOLL	02	09	1827	S27	W03	02	9.5		B	DAO	140	9	5	2
9811		VORO	02	10	0037	S26	W05	02	9.6			DSO	168	8	6	3
9811		LEAR	02	10	0050	S26	W07	02	9.5		B	DSO	130	4	4	3
9811		TACH	02	10	0631	S22	W09	02	9.6			HSX	150	1	1	3
9811		KAND	02	10	1030	S26	W11	02	9.6			CAO		4	5	2
9811		SVTO	02	10	1210	S26	W14	02	9.4		B	DSO	70	4	4	3
9811		RAMY	02	10	1359	S26	W13	02	9.6		B	DAO	80	4	3	3
9811	30986	MWIL	02	10	1545	S26	W17	02	9.3	5	(BP)					
9811		HOLL	02	10	1620	S25	W16	02	9.4		B	CAO	80	8	5	2
9811		LEAR	02	11	0036	S27	W19	02	9.5		B	DAO	140	6	4	2
9811		VORO	02	11	0213	S27	W20	02	9.5			CAO	81	4	3	3
9811		SVTO	02	11	0732	S26	W24	02	9.4		B	DSO	80	5	6	3
9811		RAMY	02	11	1250	S26	W26	02	9.5		B	DAO	40	13	5	3
9811		HOLL	02	11	1520	S25	W27	02	9.5		B	DAO	50	6	5	2
9811	30986	MWIL	02	11	1545	S27	W27	02	9.5	4	(BP)					
9811		LEAR	02	12	0035	S25	W34	02	9.4		A	HAX	40	2	1	3
9811		VORO	02	12	0038	S26	W33	02	9.5			HAX	63	2		3
9811		KAND	02	12	0720	S26	W36	02	9.5			HAX		2	2	3
9811		SVTO	02	12	0910	S27	W37	02	9.5		B	CSO	40	4	4	3
9811		TACH	02	12	0935	S23	W36	02	9.6			AR	25	2	1	3
9811		RAMY	02	12	1225	S27	W40	02	9.4		B	CSO	40	4	6	3
9811		HOLL	02	12	1508	S25	W40	02	9.5		B	CSO	30	4	5	4
9811	30986	MWIL	02	12	1545	S27	W40	02	9.5	4	(BP)					
9811		VORO	02	13	0050	S24	W44	02	9.6			HAX	45	1		3
9811		LEAR	02	13	0100	S25	W46	02	9.5		A	HSX	30	2	2	1
9811		KAND	02	13	0805	S25	W51	02	9.4			HSX		1	1	4
9811		SVTO	02	13	0850	S26	W52	02	9.3		A	HSX	30	1	1	3
9811		RAMY	02	13	1220	S25	W54	02	9.3		A	HSX	20	1	1	3
9811		HOLL	02	13	1730	S24	W56	02	9.4		A	HSX	30	1	2	2

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9811	30986	MWIL	02	13	1730	S25	W56	02	9.4	4	(AP)					
9811		LEAR	02	14	0020	S25	W58	02	9.5		A	HSX	30	1	1	2
9811		KAND	02	14	0910	S26	W63	02	9.5			AXX		2	1	4
9811		SVTO	02	14	0950	S25	W61	02	9.7		A	HSX	20	1	1	3
9811		RAMY	02	14	1240	S24	W66	02	9.4		A	HSX	20	1	1	4
9811		HOLL	02	14	1510	S23	W69	02	9.3		A	AXX	10	1	1	2
9811	30986	MWIL	02	14	1600	S25	W68	02	9.4	3	(AP)					
9811		VORO	02	15	0003	S26	W71	02	9.5			AXX	4	1		3
9811A	31005	MWIL	02	11	1545	S08	W28	02	9.5	4	(AP)					
9818		LEAR	02	05	0110	N08	E65	02	9.9		A	AXX	10	1		4
9818		SVTO	02	05	0749	N06	E65	02	10.2		A	AXX		1		2
9818	30993	MWIL	02	05	1545	N06	E57	02	9.9	4	(B)					
9818		HOLL	02	05	1620	N05	E58	02	10.0		B	CAO	50	2	3	4
9818		VORO	02	05	2354	N06	E52	02	9.9			AXX	14	1		3
9818		LEAR	02	06	0325	N09	E50	02	9.9		A	AXX	10	2	1	2
9818		HOLL	02	06	1504	N06	E44	02	9.9		A	AXX	10	2	2	3
9818	30993	MWIL	02	06	1600	N06	E43	02	9.9	3	(AP)					
9818		VORO	02	07	0346	N07	E40	02	10.1			AXX	13	1		3
9818		VORO	02	08	0028	N06	E28	02	10.1			AXX	13	5		3
9818		SVTO	02	09	1130	N07	E08	02	10.1		A	HSX	20	2	4	3
9818		KAND	02	09	1225	N07	E09	02	10.2			BXO		3	3	3
9818		HOLL	02	09	1827	N05	E03	02	10.0		A	AXX	10	3	2	2
9821		KAND	02	08	0625	S14	E24	02	10.1			BXO		7	5	3
9821		RAMY	02	08	1247	S12	E22	02	10.2		B	DSO	30	9	5	3
9821		HOLL	02	08	1515	S15	E19	02	10.1		B	DSO	30	12	4	3
9821	30998	MWIL	02	08	1600	S13	E20	02	10.2	4	(B)					
9821		VORO	02	08	2354	S13	E16	02	10.2			DSI	156	14	5	3
9821		LEAR	02	09	0045	S14	E15	02	10.2		B	DRO	40	13	6	3
9821		TACH	02	09	0435	S10	E10	02	9.9			BRI	42	8	4	3
9821		SVTO	02	09	1130	S14	E09	02	10.1		B	DAI	100	36	10	3
9821		KAND	02	09	1225	S13	E10	02	10.3			BXI		24	7	3
9821		RAMY	02	09	1320	S14	E08	02	10.2		B	DSO	40	24	8	3
9821	30998	MWIL	02	09	1545	S13	E07	02	10.2	5	(BG)					
9821		HOLL	02	09	1827	S14	E05	02	10.1		B	DAI	170	31	8	2
9821		VORO	02	10	0037	S14	E02	02	10.2			DSI	432	21	8	3
9821		LEAR	02	10	0050	S13	E01	02	10.1		BG	DSI	350	31	9	3
9821		TACH	02	10	0631	S11	W04	02	10.0			CAI	249	13	8	3
9821		KAND	02	10	1030	S14	W04	02	10.1			DAI		20	9	2
9821		SVTO	02	10	1210	S13	W06	02	10.0		BG	ESI	260	21	11	3
9821		RAMY	02	10	1359	S14	W06	02	10.1		B	EAI	230	42	11	3
9821	30998	MWIL	02	10	1545	S14	W06	02	10.2	5	(BG)					
9821		HOLL	02	10	1620	S15	W08	02	10.1		B	EAI	260	38	11	2
9821		LEAR	02	11	0036	S13	W11	02	10.2		BG	DAI	340	38	10	2
9821		VORO	02	11	0213	S13	W13	02	10.1			DAI	424	35	10	3
9821		SVTO	02	11	0732	S13	W17	02	10.0		B	EAI	320	28	12	3
9821		RAMY	02	11	1250	S13	W19	02	10.1		BG	EAI	300	36	12	3
9821		HOLL	02	11	1520	S13	W20	02	10.1		B	EKI	260	26	14	2
9821	30998	MWIL	02	11	1545	S13	W21	02	10.1	5	(BG)					
9821		LEAR	02	12	0035	S13	W25	02	10.1		BG	EKI	300	37	11	3
9821		VORO	02	12	0038	S13	W25	02	10.1			DAI	384	28	10	3
9821		KAND	02	12	0720	S13	W30	02	10.0			EKO		17	12	3
9821		SVTO	02	12	0910	S14	W30	02	10.1		B	EAO	380	31	12	3
9821		TACH	02	12	0935	S11	W30	02	10.1			CAI	223	10	5	3
9821		RAMY	02	12	1225	S13	W32	02	10.1		B	EKI	400	27	13	3
9821		HOLL	02	12	1508	S12	W36	02	9.9		B	DKI	330	26	9	4
9821	30998	MWIL	02	12	1545	S13	W35	02	10.0	5	(B)					
9821		VORO	02	13	0050	S13	W40	02	10.0			DKC	566	18	6	3
9821		LEAR	02	13	0100	S13	W40	02	10.0		B	DKI	370	22	8	1
9821		KAND	02	13	0805	S13	W44	02	10.0			DAO		9	10	4
9821		SVTO	02	13	0850	S13	W46	02	9.9		B	DAO	350	15	9	3
9821		RAMY	02	13	1220	S12	W46	02	10.0		B	DAI	320	13	10	3
9821	30998	MWIL	02	13	1730	S13	W49	02	10.0	5	(B)					
9821		HOLL	02	13	1730	S13	W50	02	9.9		BG	DAI	300	9	9	2
9821		LEAR	02	14	0020	S13	W52	02	10.1		B	DAI	280	16	12	2
9821		KAND	02	14	0910	S13	W60	02	9.8			DSO		11	8	4
9821		SVTO	02	14	0950	S12	W57	02	10.1		B	DAO	270	10	11	3

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9821		RAMY	02	14	1240	S11	W60	02	10.0		B	DAO	240	11	9	4
9821		HOLL	02	14	1510	S12	W64	02	9.8		BG	EAI	240	11	12	2
9821	30998	MWIL	02	14	1600	S12	W62	02	10.0	5	(B)					
9821		VORO	02	15	0003	S13	W67	02	9.9			DAI	166	8	7	3
9821		LEAR	02	15	0050	S12	W69	02	9.8		B	DSO	240	6	8	2
9821		RAMY	02	15	1335	S10	W76	02	9.8		B	DSO	40	3	3	3
9821		HOLL	02	15	1542	S12	W80	02	9.6		B	CSO	70	2	5	2
9821		VORO	02	15	2350	S14	W80	02	9.9			CRO	53	2	7	2
9820		RAMY	02	07	1240	N15	E51	02	11.4		B	BXO	10	3	3	3
9820		KAND	02	07	1400	N16	E48	02	11.2			AXX		2	2	3
9820		HOLL	02	07	1520	N15	E50	02	11.4		B	CSO	30	3	4	3
9820	30995	MWIL	02	07	1600	N15	E48	02	11.3	4	(B)					
9820		LEAR	02	08	0015	N15	E44	02	11.3		B	DSO	30	3	4	2
9820		VORO	02	08	0028	N16	E43	02	11.3			DSO	36	2	3	3
9820		KAND	02	08	0625	N15	E38	02	11.1			AXX		2		3
9820		TACH	02	08	0707	N16	E34	02	10.9			HSX	10	1	1	2
9820		RAMY	02	08	1247	N16	E35	02	11.2		B	BXO	10	2	2	3
9820		HOLL	02	08	1515	N15	E35	02	11.3		A	HAX	30	2	2	3
9820	30995	MWIL	02	08	1600	N16	E33	02	11.2	4	(AP)					
9820		LEAR	02	09	0045	N15	E28	02	11.1		B	BXO	10	2	2	3
9820		VORO	02	09	0047	N16	E28	02	11.1			AXX	13	1		3
9820		SVTO	02	09	1130	N14	E21	02	11.1		A	AXX	20	1	1	3
9820		KAND	02	09	1225	N16	E21	02	11.1			AXX		1		3
9820		RAMY	02	09	1320	N15	E20	02	11.1		A	AXX		1		3
9820	30995	MWIL	02	09	1545	N16	E18	02	11.0	4	(AP)					
9820		HOLL	02	09	1827	N13	E16	02	11.0		B	BXO	10	3	3	2
9820		LEAR	02	10	0050	N14	E13	02	11.0		A	AXX	10	1		3
9819		LEAR	02	05	0110	S26	E80	02	11.3		A	HSX	90	2	2	4
9819		VORO	02	05	0132	S28	E81	02	11.4			HSX	84	1		3
9819		TACH	02	05	0535	S28	E76	02	11.2			HSX	40	1	3	3
9819		SVTO	02	05	0749	S30	E76	02	11.3		B	HSO	60	2	1	2
9819	30994	MWIL	02	05	1545	S29	E71	02	11.2	4	(AF)					
9819		HOLL	02	05	1620	S31	E73	02	11.4		A	AXX	10	1	1	4
9819		VORO	02	06	0027	S29	E69	02	11.4			HAX	116	1		3
9819		LEAR	02	06	0325	S26	E69	02	11.5		B	CAO	40	2	2	2
9819		RAMY	02	06	1253	S32	E63	02	11.5		B	CSO	40	2	3	2
9819		HOLL	02	06	1504	S31	E60	02	11.4		B	CAO	60	7	4	3
9819	30994	MWIL	02	06	1600	S28	E60	02	11.3	4	(AF)					
9819		LEAR	02	07	0005	S29	E55	02	11.3		B	DSO	50	5	5	3
9819		VORO	02	07	0346	S30	E56	02	11.6			HAX	30	1		3
9819		TACH	02	07	0728	S28	E48	02	11.1			AR	2	2	2	3
9819		RAMY	02	07	1240	S32	E50	02	11.5		A	AXX	10	3	2	3
9819		KAND	02	07	1400	S30	E52	02	11.7			AXX		2	2	3
9819		HOLL	02	07	1520	S31	E47	02	11.3		B	CAO	20	5	5	3
9819	30994	MWIL	02	07	1600	S29	E47	02	11.3	4	(AF)					
9819		LEAR	02	08	0015	S29	E45	02	11.5		B	CSO	20	4	4	2
9819		VORO	02	08	0028	S31	E45	02	11.6			AXX	10	1		3
9819		KAND	02	08	0625	S31	E41	02	11.5			AXX		1		3
9819		RAMY	02	08	1247	S30	E38	02	11.5		B	CSO	20	4	3	3
9819		HOLL	02	08	1515	S31	E38	02	11.6		A	AXX	10	3	2	3
9819		LEAR	02	09	0045	S31	E32	02	11.5		A	AXX		1		3
9819		SVTO	02	09	1130	S32	E26	02	11.5		B	CRO	30	3	5	3
9819		KAND	02	09	1225	S29	E26	02	11.5			BXO		4	4	3
9819		RAMY	02	09	1320	S31	E23	02	11.4		B	CSO		2	2	3
9819	31000	MWIL	02	09	1545	S30	E22	02	11.4	4	(B)					
9819		HOLL	02	09	1827	S31	E21	02	11.4		B	CSO	20	5	4	2
9819		VORO	02	10	0037	S30	E18	02	11.4			BXO	18	3	4	3
9819		LEAR	02	10	0050	S30	E18	02	11.4		B	BXO	40	5	4	3
9819		SVTO	02	10	1210	S30	E12	02	11.4		A	AXX	10	2	2	3
9819		RAMY	02	10	1359	S30	E08	02	11.2		B	BXO		4	7	3
9819	31000	MWIL	02	10	1545	S29	E08	02	11.3	4	(BF)					
9819		HOLL	02	10	1620	S32	E08	02	11.3		A	AXX	10	2	2	2
9819		RAMY	02	11	1250	S30	E00	02	11.5		B	DSO	20	2	3	3
9819	31000	MWIL	02	11	1545	S30	W01	02	11.6	4	(AF)					
9819	31000	MWIL	02	12	1545	S31	W16	02	11.4	4	(BF)					
9819		KAND	02	13	0805	S28	W24	02	11.5			CSO		3	2	4
9819		SVTO	02	13	0850	S30	W25	02	11.4		B	CSO	30	4	3	3

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

FEBRUARY 2002

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
9819		RAMY	02	13	1220	S28	W29	02	11.2		B	CSO	20	2	3	3
9819		HOLL	02	13	1730	S29	W29	02	11.4		B	CSO	10	2	3	2
9819	31000	MWIL	02	13	1730	S29	W30	02	11.4	4	(B)					
9819		VORO	02	13	2350	S30	W31	02	11.5			AXX	13	1		3
9819		LEAR	02	14	0020	S29	W31	02	11.6		A	HSX	20	1	1	2
9819		KAND	02	14	0910	S30	W35	02	11.6			AXX		1		4
9819		SVTO	02	14	0950	S29	W37	02	11.5		A	HSX	10	1	1	3
9819		RAMY	02	14	1240	S29	W38	02	11.5		A	AXX	10	1	1	4
9819		HOLL	02	14	1510	S28	W41	02	11.4		A	HSX	30	1	1	2
9819	31000	MWIL	02	14	1600	S30	W40	02	11.5	4	(AF)					
9819		VORO	02	14	2357	S30	W44	02	11.5			AXX	3	1		3
9819		LEAR	02	15	0050	S29	W44	02	11.6		A	HSX	20	1	1	2
9819		RAMY	02	15	1335	S29	W52	02	11.5		A	AXX	10	1	1	3
9819		HOLL	02	15	1542	S30	W53	02	11.5		A	AXX		1		2
9819		RAMY	02	16	1232	S27	W66	02	11.4		A	AXX	10	1	1	3
9819	31000	MWIL	02	16	1600	S28	W67	02	11.4	3	(AP)					
9819		HOLL	02	16	1630	S30	W68	02	11.3		A	AXX	20	2	2	2
9819		LEAR	02	17	0026	S31	W71	02	11.4		B	BXO	50	2	2	3
9820A		KAND	02	07	1400	S50	E47	02	11.6			AXX		2	2	3
9823		SVTO	02	09	1130	S05	E30	02	11.7		B	CAO	30	4	4	3
9823		KAND	02	09	1225	S03	E30	02	11.7			BXO		3	3	3
9823		RAMY	02	09	1320	S04	E29	02	11.7		B	CSO	10	3	2	3
9823	31001	MWIL	02	09	1545	S03	E27	02	11.7	4	(BP)					
9823		HOLL	02	09	1827	S05	E26	02	11.7		B	CSO	30	4	3	2
9823		VORO	02	10	0037	S04	E22	02	11.7			DSO	87	7	3	3
9823		LEAR	02	10	0050	S04	E21	02	11.6		B	DAO	90	7	4	3
9823		TACH	02	10	0631	S03	E16	02	11.5			BRI	24	5	5	3
9823		KAND	02	10	1030	S05	E15	02	11.5			CSO		6	5	2
9823		SVTO	02	10	1210	S05	E15	02	11.6		B	DSO	40	6	6	3
9823		RAMY	02	10	1359	S05	E14	02	11.6		B	CAO	20	6	5	3
9823	31001	MWIL	02	10	1545	S04	E13	02	11.6	5	(B)					
9823		HOLL	02	10	1620	S05	E11	02	11.5		B	CSO	20	11	6	2
9823		LEAR	02	11	0036	S03	E07	02	11.5		B	DAO	10	10	4	2
9823		VORO	02	11	0213	S04	E07	02	11.6			CAI	85	6	4	3
9823		SVTO	02	11	0732	S04	E04	02	11.6		B	DAO	40	6	6	3
9823		RAMY	02	11	1250	S04	E01	02	11.6		B	DSO	20	6	5	3
9823		HOLL	02	11	1520	S05	W01	02	11.6		B	CSO	40	8	7	2
9823	31001	MWIL	02	11	1545	S04	W02	02	11.5	5	(BP)					
9823		LEAR	02	12	0035	S03	W08	02	11.4		A	HAX	40	3	1	3
9823		VORO	02	12	0038	S05	W06	02	11.6			CAO	29	2	6	3
9823		KAND	02	12	0720	S04	W12	02	11.4			HAX		1	1	3
9823		SVTO	02	12	0910	S05	W12	02	11.5		B	CAO	30	4	6	3
9823		TACH	02	12	0935	S01	W15	02	11.3			AXX	20	1	1	3
9823		RAMY	02	12	1225	S04	W13	02	11.5		B	DSO	20	3	6	3
9823		HOLL	02	12	1508	S04	W15	02	11.5		B	CAO	40	5	7	4
9823	31001	MWIL	02	12	1545	S05	W16	02	11.4	5	(B)					
9823		VORO	02	12	2357	S04	W21	02	11.4			BXO	21	3	5	3
9823		LEAR	02	13	0100	S03	W24	02	11.2		B	CAO	20	2	2	1
9823		KAND	02	13	0805	S03	W28	02	11.2			HSX		1	1	4
9823		SVTO	02	13	0850	S04	W28	02	11.3		A	HAX	20	2	1	3
9823		HOLL	02	13	1730	S03	W33	02	11.3		A	HSX	20	1	2	2
9823	31001	MWIL	02	13	1730	S04	W34	02	11.2	3	(AP)					
9823		VORO	02	13	2350	S04	W37	02	11.2			AXX	8	2		3
9823		LEAR	02	14	0020	S03	W37	02	11.2		A	HSX	10	1	1	2
9823		RAMY	02	14	1240	S02	W44	02	11.2		A	AXX		1		4
9823		HOLL	02	14	1510	S03	W47	02	11.1		A	HSX	30	1	1	2
9823	31001	MWIL	02	14	1600	S03	W45	02	11.3	4	(B)					
9823		VORO	02	15	0003	S03	W49	02	11.3			BXO	3	2	4	3
9823		LEAR	02	15	0050	S03	W50	02	11.3		B	CSO	20	2	4	2
9823		RAMY	02	15	1335	S03	W57	02	11.3		A	HRX	20	1	1	3
9823		HOLL	02	15	1542	S03	W57	02	11.4		A	HSX	20	1	1	2
9823		VORO	02	15	2350	S03	W62	02	11.4			AXX	6	1		2
9823		TACH	02	16	0530	S04	W64	02	11.4			AXX	10	1	1	4
9822A		RAMY	02	08	1247	N09	E69	02	13.7		A	AXX		1		3
9822A	31007	MWIL	02	12	1545	N10	E11	02	13.5	4	(AP)					
9822A		KAND	02	14	0910	N08	W16	02	13.2			BXO		4	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
9822A	31009	MWIL	02	14	1600	N08	W20	02	13.2	3	(AP)					
9826		RAMY	02	10	1359	S23	E44	02	14.0		B	CRO	10	3	3	3
9826	31004	MWIL	02	10	1545	S22	E46	02	14.2	4	(BF)					
9826		HOLL	02	10	1620	S23	E42	02	13.9		B	CAO	40	9	4	2
9826		LEAR	02	11	0036	S22	E38	02	13.9		B	DAO	70	5	4	2
9826		VORO	02	11	0213	S22	E38	02	14.0			BXO	23	4	4	3
9826		SVTO	02	11	0732	S23	E34	02	13.9		B	DSO	40	9	7	3
9826		RAMY	02	11	1250	S23	E31	02	13.9		B	DSO	30	8	7	3
9826		HOLL	02	11	1520	S23	E30	02	13.9		B	CSO	30	4	6	2
9826	31004	MWIL	02	11	1545	S22	E30	02	14.0	5	(B)					
9826		LEAR	02	12	0035	S22	E26	02	14.0		B	CRO	20	5	6	3
9826		VORO	02	12	0038	S23	E25	02	13.9			BXO	22	2	6	3
9826		KAND	02	12	0720	S22	E20	02	13.8			BXO		3	7	3
9826		SVTO	02	12	0910	S22	E19	02	13.8		B	DSO	30	5	7	3
9826		TACH	02	12	0935	S19	E16	02	13.6			BXO	12	2	7	3
9826		RAMY	02	12	1225	S22	E18	02	13.9		B	CSO	20	7	7	3
9826		HOLL	02	12	1508	S23	E16	02	13.9		B	CSO	30	6	7	4
9826	31004	MWIL	02	12	1545	S22	E17	02	14.0	4	(BG)					
9826		VORO	02	12	2357	S23	E11	02	13.8			BXI	24	3	5	3
9826		LEAR	02	13	0100	S23	E10	02	13.8		B	CRO	20	3	5	1
9826		KAND	02	13	0805	S23	E08	02	13.9			BXO		6	9	4
9826		SVTO	02	13	0850	S23	E06	02	13.8		B	DSO	30	5	6	3
9826		RAMY	02	13	1220	S23	E03	02	13.7		B	DSO	20	3	3	3
9826	31004	MWIL	02	13	1730	S22	W00	02	13.7	4	(B)					
9826		HOLL	02	13	1730	S23	E01	02	13.8		B	CSO	10	3	4	2
9826		VORO	02	13	2350	S22	W02	02	13.8			BXI	4	3	4	3
9826		LEAR	02	14	0020	S22	W02	02	13.9		B	DSO	20	7	5	2
9826		KAND	02	14	0910	S21	W08	02	13.8			BXO		4	5	4
9826		SVTO	02	14	0950	S23	W07	02	13.9		B	DSO	10	3	5	3
9826		RAMY	02	14	1240	S22	W09	02	13.8		B	BXO	10	5	3	4
9826		HOLL	02	14	1510	S23	W11	02	13.8		A	AXX	10	1	1	2
9826	31004	MWIL	02	14	1600	S23	W09	02	14.0	3	(B)					
9831		SVTO	02	16	1222	S11	W35	02	13.9		B	CRO	10	2	4	2
9831		RAMY	02	16	1232	S10	W34	02	14.0		B	BXO	10	3	2	3
9831		KAND	02	16	1305	S11	W35	02	13.9			BXO		2	3	2
9831	31015	MWIL	02	16	1600	S11	W37	02	13.9	4	(B)					
9831		HOLL	02	16	1630	S13	W38	02	13.8		B	DSO	20	2	4	2
9831		LEAR	02	17	0026	S12	W41	02	13.9		B	BXO	30	3	3	3
9831		KAND	02	17	0840	S12	W43	02	14.1			AXX		1		3
9831		RAMY	02	17	1227	S10	W46	02	14.1		A	AXX	10	1		3
9831		HOLL	02	17	1910	S12	W50	02	14.0		A	AXX	10	1	1	2
9822		KAND	02	08	0625	N17	E77	02	14.1			AXX		4	6	3
9822		RAMY	02	08	1247	N19	E72	02	14.0		B	DAO	140	8	10	3
9822		HOLL	02	08	1515	N16	E75	02	14.3		B	DAO	160	10	8	3
9822	30999	MWIL	02	08	1600	N17	E69	02	13.9	4	(AP)					
9822		VORO	02	08	2354	N18	E64	02	13.9			HAX	174	2		3
9822		LEAR	02	09	0045	N17	E65	02	14.0		B	CSO	50	7	6	3
9822		TACH	02	09	0435	N20	E59	02	13.7			CAO	62	4	6	3
9822		SVTO	02	09	1130	N17	E60	02	14.0		B	CAO	70	4	7	3
9822		KAND	02	09	1225	N18	E60	02	14.1			CAO		3	5	3
9822		RAMY	02	09	1320	N18	E58	02	14.0		B	DSO	80	5	5	3
9822	30999	MWIL	02	09	1545	N17	E57	02	14.0	4	(BP)					
9822		HOLL	02	09	1827	N16	E57	02	14.1		B	CAO	90	4	4	2
9822		VORO	02	10	0037	N18	E52	02	14.0			HKX	217	5		3
9822		LEAR	02	10	0050	N18	E51	02	13.9		B	CAO	90	6	5	3
9822		TACH	02	10	0631	N19	E44	02	13.6			HSX	50	1	1	3
9822		KAND	02	10	1030	N18	E45	02	13.9			CSO		2	4	2
9822		SVTO	02	10	1210	N16	E46	02	14.0		B	CSO	60	3	4	3
9822		RAMY	02	10	1359	N18	E44	02	13.9		B	CSO	40	8	5	3
9822	30999	MWIL	02	10	1545	N18	E44	02	14.0	4	(BP)					
9822		HOLL	02	10	1620	N16	E44	02	14.0		B	CAO	90	14	6	2
9822		LEAR	02	11	0036	N18	E38	02	13.9		B	CAO	70	4	3	2
9822		VORO	02	11	0213	N18	E37	02	13.9			HAX	54	3		3
9822		SVTO	02	11	0732	N17	E36	02	14.0		B	CSO	30	3	4	3
9822		RAMY	02	11	1250	N19	E31	02	13.9		B	DAO	30	13	5	3
9822		HOLL	02	11	1520	N17	E31	02	14.0		B	CSO	30	6	6	2

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9822	30999	MWIL	02	11	1545	N18	E31	02	14.0	4	(BP)					
9822		LEAR	02	12	0035	N17	E25	02	13.9		B	CAO	20	6	7	3
9822		VORO	02	12	0038	N19	E26	02	14.0			BXO	28	3	2	3
9822		KAND	02	12	0720	N18	E20	02	13.8			BXO		4	7	3
9822		SVTO	02	12	0910	N18	E20	02	13.9		B	CRO	30	7	10	3
9822		TACH	02	12	0935	N16	E18	02	13.8			CAI	205	7	4	3
9822		RAMY	02	12	1225	N17	E18	02	13.9		B	BXO	20	3	7	3
9822		HOLL	02	12	1508	N18	E16	02	13.8		B	CSO	30	2	5	4
9822	30999	MWIL	02	12	1545	N18	E18	02	14.0	4	(B)					
9822		LEAR	02	13	0100	N17	E14	02	14.1		B	EAO	40	10	11	1
9822		KAND	02	13	0805	N18	E15	02	14.5			CSO		3	4	4
9822		KAND	02	13	0805	N19	E03	02	13.6			AXX		2	1	4
9822		SVTO	02	13	0850	N17	E08	02	14.0		B	ESO	40	7	13	3
9822		RAMY	02	13	1220	N17	E07	02	14.0		B	BXO	10	4	3	3
9822	30999	MWIL	02	13	1730	N18	E09	02	14.4	5	(B)					
9822		VORO	02	13	2350	N18	E09	02	14.7			AXX	8	1		3
9822		LEAR	02	14	0020	N17	E01	02	14.1		B	EAO	40	10	14	2
9822		KAND	02	14	0910	N18	E00	02	14.4			DSO		7	5	4
9822		SVTO	02	14	0950	N16	E02	02	14.6		B	DSO	90	11	9	3
9822		RAMY	02	14	1240	N18	W02	02	14.4		B	BXO	10	4	2	4
9822	31010	MWIL	02	14	1600	N12	W07	02	14.1	3	(AP)					
9822	30999	MWIL	02	14	1600	N18	W03	02	14.4	5	(B)					
9822		VORO	02	15	0003	N18	W07	02	14.5			DAI	98	15	6	3
9822		RAMY	02	15	1335	N19	W17	02	14.3		B	DRO	10	4	3	3
9822		VORO	02	15	2350	N18	W21	02	14.4			CAI	120	5	5	2
9822		TACH	02	16	0530	N14	W22	02	14.6			CAI	353	10	7	4
9822		SVTO	02	16	1222	N17	W27	02	14.5		B	CSO	50	3	3	2
9822		RAMY	02	16	1232	N21	W30	02	14.2		A	AXX		1		3
9822		KAND	02	16	1305	N18	W28	02	14.4			HSX		1	1	3
9822		LEAR	02	17	0026	N17	W35	02	14.3		A	AXX	10	1		3
9822		KAND	02	17	0840	N18	W37	02	14.5			HSX		1	1	3
9822		KAND	02	18	0815	N17	W49	02	14.6			HSX		1	2	3
9825		RAMY	02	08	1247	N14	E88	02	15.2		A	HSX	60	1	4	3
9825		LEAR	02	09	0045	N12	E77	02	14.8		A	HSX	120	2	2	3
9825		VORO	02	09	0047	N13	E80	02	15.1			HAX	404	1		3
9825		TACH	02	09	0435	N16	E75	02	14.9			HSX	100	1	3	3
9825		SVTO	02	09	1130	N12	E78	02	15.3		B	EKO	360	6	15	3
9825		KAND	02	09	1225	N14	E80	02	15.6			EKO		6	12	3
9825		RAMY	02	09	1320	N13	E75	02	15.2		B	EKO	390	4	11	3
9825	31003	MWIL	02	09	1545	N14	E74	02	15.2	5	(BP)					
9825		HOLL	02	09	1827	N12	E73	02	15.3		B	EHO	450	7	12	2
9825		VORO	02	10	0037	N13	E70	02	15.3			DSI	979	2	7	3
9825		LEAR	02	10	0050	N12	E68	02	15.1		B	EKI	420	8	14	3
9825		TACH	02	10	0631	N14	E63	02	15.0			DAI	226	8	6	3
9825		KAND	02	10	1030	N13	E67	02	15.5			EKO		5	13	2
9825		SVTO	02	10	1210	N11	E64	02	15.3		B	EKI	400	8	12	3
9825		RAMY	02	10	1359	N13	E61	02	15.2		B	EKO	440	17	14	3
9825	31003	MWIL	02	10	1545	N13	E61	02	15.2	5	(BP)					
9825		HOLL	02	10	1620	N11	E61	02	15.3		BG	EKI	430	17	13	2
9825		LEAR	02	11	0036	N13	E55	02	15.2		B	EKO	490	15	13	2
9825		VORO	02	11	0213	N13	E56	02	15.3			DKI	551	11	9	3
9825		SVTO	02	11	0732	N11	E52	02	15.2		B	EKO	350	9	15	3
9825		RAMY	02	11	1250	N12	E48	02	15.1		B	EAI	340	23	14	3
9825		HOLL	02	11	1520	N11	E49	02	15.3		BG	EKC	380	17	13	2
9825	31003	MWIL	02	11	1545	N13	E48	02	15.3	5	(BG)					
9825		LEAR	02	12	0035	N13	E42	02	15.2		BG	EKI	430	32	12	3
9825		VORO	02	12	0038	N13	E44	02	15.3			DKI	458	26	8	3
9825		KAND	02	12	0720	N13	E39	02	15.2			EKO		19	15	3
9825		SVTO	02	12	0910	N13	E37	02	15.2		BG	EAO	450	35	13	3
9825		TACH	02	12	0935	N14	E38	02	15.3			HR	48	3	2	3
9825		RAMY	02	12	1225	N13	E35	02	15.1		BG	EAI	410	20	15	3
9825		HOLL	02	12	1508	N12	E35	02	15.3		BG	EKC	300	31	13	4
9825	31003	MWIL	02	12	1545	N13	E34	02	15.2	5	(BG)					
9825		VORO	02	12	2357	N13	E29	02	15.2			DKI	594	35	13	3
9825		LEAR	02	13	0100	N13	E28	02	15.1		BG	EKI	420	36	12	1
9825		KAND	02	13	0805	N13	E25	02	15.2			FAI		24	16	4
9825		SVTO	02	13	0850	N14	E24	02	15.2		BG	FAO	490	34	16	3
9825		RAMY	02	13	1220	N14	E22	02	15.2		BG	FAI	470	33	17	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
9825	31003	MWIL	02	13	1730	N13	E18	02	15.1	5	(D)					
9825		HOLL	02	13	1730	N15	E18	02	15.1		BG	FAI	430	53	21	2
9825		VORO	02	13	2350	N13	E16	02	15.2			DKI	538	43	12	3
9825		LEAR	02	14	0020	N13	E15	02	15.1		BG	FAI	460	46	16	2
9825		KAND	02	14	0910	N13	E10	02	15.1			EKI		98	14	4
9825		SVTO	02	14	0950	N13	E10	02	15.2		BG	FAO	480	35	17	3
9825		RAMY	02	14	1240	N13	E06	02	15.0		BG	FKC	520	67	19	4
9825		HOLL	02	14	1510	N12	E05	02	15.0		BG	FKC	510	57	20	2
9825	31003	MWIL	02	14	1600	N13	E06	02	15.1	6	(BG)					
9825		VORO	02	15	0003	N14	E03	02	15.2			DAI	505	43	12	3
9825		LEAR	02	15	0050	N15	W02	02	14.9		BG	FAI	470	56	19	2
9825		RAMY	02	15	1335	N14	W07	02	15.0		BG	FKC	440	42	17	3
9825		HOLL	02	15	1542	N13	W08	02	15.0		BG	FAC	520	29	21	2
9825		VORO	02	15	2350	N14	W10	02	15.2			DAI	486	16	12	2
9825		SVTO	02	16	1222	N11	W17	02	15.2		B	FAI	280	34	20	2
9825		RAMY	02	16	1232	N14	W17	02	15.2		BG	FHI	310	37	18	3
9825		KAND	02	16	1305	N14	W21	02	14.9			ESO		14	11	2
9825	31003	MWIL	02	16	1600	N15	W23	02	14.9	5	(BG)					
9825		HOLL	02	16	1630	N13	W22	02	15.0		BG	FAI	280	22	16	2
9825		LEAR	02	17	0026	N12	W24	02	15.2		BG	FSI	500	33	18	3
9825		KAND	02	17	0840	N15	W32	02	14.9			DSO		3	10	3
9825		RAMY	02	17	1227	N13	W29	02	15.3		BG	EAI	290	21	15	3
9825		HOLL	02	17	1910	N12	W34	02	15.2		BG	FAI	160	15	19	2
9825		VORO	02	17	2351	N14	W35	02	15.3			DAI	724	11	4	3
9825		LEAR	02	18	0010	N14	W38	02	15.1		BG	FAO	220	11	17	3
9825		KAND	02	18	0815	N14	W45	02	14.9			DAO		5	6	3
9825		RAMY	02	18	1230	N13	W42	02	15.3		B	ESO	180	7	15	4
9825	31003	MWIL	02	18	1530	N15	W51	02	14.8	4	(BG)					
9825		HOLL	02	18	1628	N14	W47	02	15.1		B	FAI	230	9	21	3
9825		VORO	02	18	2357	N16	W51	02	15.1			DAI	530	8	4	3
9825		LEAR	02	19	0035	N15	W51	02	15.2		BG	FAO	220	12	16	3
9825		KAND	02	19	1210	N15	W63	02	14.7			CSO		7	9	2
9825		HOLL	02	19	1505	N16	W65	02	14.7		BG	DSI	200	10	10	3
9825	31003	MWIL	02	19	1800	N16	W65	02	14.8	4	(BG)					
9825		LEAR	02	20	0140	N15	W70	02	14.8		BG	DAO	110	5	4	3
9825		TACH	02	20	0525	N17	W72	02	14.7			DAI	234	9	5	3
9825		SVTO	02	20	0740	N17	W74	02	14.7		BG	ESI	210	9	11	3
9825		HOLL	02	20	1548	N16	W76	02	14.9		B	DAO	130	4	6	3
9825	31003	MWIL	02	20	1600	N16	W70	02	15.3	4	BG					
9825		RAMY	02	20	1742	N15	W71	02	15.4		B	CSO	60	2	4	3
9825		LEAR	02	21	0028	N13	W80	02	15.0		BG	CAO	120	2	2	2
9831A		KAND	02	13	0805	S30	E22	02	15.1			BXO		2	2	4
9831A		SVTO	02	13	0850	S31	E22	02	15.1		A	HRX	20	2	2	3
9831A		RAMY	02	13	1220	S31	E18	02	14.9		B	BXO	10	2	3	3
9831A		HOLL	02	13	1730	S30	E16	02	15.0		B	CSO	10	1	3	2
9831A	31008	MWIL	02	13	1730	S30	E16	02	15.0	3	(B)					
9831A		LEAR	02	14	0020	S30	E12	02	14.9		A	AXX		1		2
9824		LEAR	02	09	0045	N20	E77	02	14.9		A	HSX	30	1	1	3
9824		VORO	02	09	0047	N22	E78	02	15.0			HAX	111	1		3
9824		TACH	02	09	0435	N25	E75	02	15.0			HSX	30	1	2	3
9824		SVTO	02	09	1130	N20	E77	02	15.4		A	AXX	120	1	5	3
9824		KAND	02	09	1225	N23	E77	02	15.4			HAX		2	2	3
9824		RAMY	02	09	1320	N23	E73	02	15.2		A	HSX	120	1	2	3
9824	31002	MWIL	02	09	1545	N23	E71	02	15.1	5	(AP)					
9824		HOLL	02	09	1827	N21	E71	02	15.2		A	HSX	180	1	2	2
9824		VORO	02	10	0037	N22	E65	02	15.0			HKX	278	1		3
9824		LEAR	02	10	0050	N21	E65	02	15.0		A	HSX	160	1	3	3
9824		TACH	02	10	0631	N23	E60	02	14.9			HSX	100	1	2	3
9824		KAND	02	10	1030	N22	E62	02	15.2			HAX		1	3	2
9824		SVTO	02	10	1210	N19	E61	02	15.2		A	HSX	90	1	3	3
9824		RAMY	02	10	1359	N22	E58	02	15.0		A	HSX	130	1	2	3
9824	31002	MWIL	02	10	1545	N22	E58	02	15.1	5	(AP)					
9824		HOLL	02	10	1620	N22	E60	02	15.3		A	HAX	170	1	2	2
9824		LEAR	02	11	0036	N22	E52	02	15.0		A	HSX	140	2	2	2
9824		VORO	02	11	0213	N22	E54	02	15.2			HHX	220	1		3
9824		SVTO	02	11	0732	N20	E50	02	15.1		A	HAX	140	1	4	3
9824		RAMY	02	11	1250	N21	E46	02	15.1		A	HSX	100	1	3	3

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9824		HOLL	02	11	1520	N21	E47	02	15.2		B	CAO	140	5	5	2
9824	31002	MWIL	02	11	1545	N22	E46	02	15.2	5	(AP)					
9824		LEAR	02	12	0035	N22	E42	02	15.2		A	HAX	150	1	3	3
9824		VORO	02	12	0038	N22	E42	02	15.2			HSX	223	1		3
9824		KAND	02	12	0720	N22	E39	02	15.3			HSX		1	3	3
9824		SVTO	02	12	0910	N23	E41	02	15.5		B	CSO	180	2	11	3
9824		TACH	02	12	0935	N24	E32	02	14.9			HSX	150	1	2	3
9824		RAMY	02	12	1225	N22	E35	02	15.2		A	HSX	150	1	3	3
9824		HOLL	02	12	1508	N21	E34	02	15.2		A	HAX	80	1	2	4
9824	31002	MWIL	02	12	1545	N22	E33	02	15.2	5	(AP)					
9824		VORO	02	12	2357	N23	E29	02	15.2			HAX	212	1		3
9824		LEAR	02	13	0100	N22	E28	02	15.2		A	HKX	200	1	3	1
9824		KAND	02	13	0805	N23	E23	02	15.1			HAX		1	2	4
9824		SVTO	02	13	0850	N23	E23	02	15.1		A	HSX	120	1	2	3
9824		RAMY	02	13	1220	N22	E22	02	15.2		A	HSX	190	1	3	3
9824		HOLL	02	13	1730	N21	E20	02	15.3		A	HSX	180	1	3	2
9824	31002	MWIL	02	13	1730	N21	E20	02	15.3	5	(BP)					
9824		VORO	02	13	2350	N18	E19	02	15.4			BXI	30	5	3	3
9824		VORO	02	13	2350	N22	E16	02	15.2			HAX	169	1		3
9824		LEAR	02	14	0020	N22	E15	02	15.2		A	HSX	170	1	3	2
9824		KAND	02	14	0910	N22	E11	02	15.2			HSX		1	2	4
9824		SVTO	02	14	0950	N23	E11	02	15.2		A	HSX	120	1	2	3
9824		RAMY	02	14	1240	N22	E10	02	15.3		A	HSX	110	1	3	4
9824		HOLL	02	14	1510	N21	E08	02	15.2		A	HSX	120	1	2	2
9824	31002	MWIL	02	14	1600	N22	E08	02	15.3	5	(BP)					
9824		VORO	02	15	0003	N23	E03	02	15.2			HAX	182	1		3
9824		LEAR	02	15	0050	N22	E02	02	15.2		A	HSX	170	1	2	2
9824		RAMY	02	15	1335	N23	W04	02	15.2		A	HHX	190	1	3	3
9824		HOLL	02	15	1542	N23	W06	02	15.2		A	HSX	190	1	3	2
9824		VORO	02	15	2350	N23	W10	02	15.2			HSX	183	1		2
9824		TACH	02	16	0530	N20	W14	02	15.1			HSX	280	1	1	4
9824		SVTO	02	16	1222	N24	W17	02	15.2		B	CSO	120	2	4	2
9824		RAMY	02	16	1232	N23	W14	02	15.4		B	CSO	180	2	4	3
9824		KAND	02	16	1305	N23	W18	02	15.1			CSO		3	4	2
9824	31002	MWIL	02	16	1600	N23	W20	02	15.1	5	(AP)					
9824		HOLL	02	16	1630	N22	W20	02	15.1		A	HAX	100	1	2	2
9824		LEAR	02	17	0026	N19	W23	02	15.3		B	CSO	180	5	6	3
9824		KAND	02	17	0840	N18	W26	02	15.4			AXX		1		3
9824		KAND	02	17	0840	N23	W28	02	15.2			HSX		1	2	3
9824		RAMY	02	17	1227	N24	W29	02	15.3		A	HSX	140	1	1	3
9824		HOLL	02	17	1910	N23	W33	02	15.2		A	HSX	60	1	2	2
9824		VORO	02	17	2351	N23	W39	02	15.0			HKX	456	1		3
9824		LEAR	02	18	0010	N23	W36	02	15.2		A	HSX	110	1	2	3
9824		KAND	02	18	0815	N23	W40	02	15.3			HSX		1	2	3
9824		RAMY	02	18	1230	N24	W42	02	15.3		A	HSX	100	1	2	4
9824	31002	MWIL	02	18	1530	N23	W44	02	15.2	5	(AP)					
9824		HOLL	02	18	1628	N23	W44	02	15.3		A	HAX	130	1	2	3
9824		VORO	02	18	2357	N23	W52	02	15.0			HKX	313	1		3
9824		LEAR	02	19	0035	N23	W48	02	15.3		A	HSX	100	1	2	3
9824		KAND	02	19	1210	N23	W56	02	15.2			HSX		1	2	2
9824		HOLL	02	19	1505	N23	W57	02	15.2		A	HSX	60	1	2	3
9824	31002	MWIL	02	19	1800	N24	W58	02	15.3	5	(AP)					
9824		LEAR	02	20	0140	N22	W62	02	15.3		A	HSX	50	1	2	3
9824		TACH	02	20	0525	N24	W63	02	15.3			HSX	150	1	2	3
9824		SVTO	02	20	0740	N25	W66	02	15.2		A	HSO	100	1	3	3
9824		HOLL	02	20	1548	N23	W68	02	15.4		A	HAX	120	1	2	3
9824	31002	MWIL	02	20	1600	N24	W69	02	15.3	4	(AP)					
9824		RAMY	02	20	1742	N24	W72	02	15.2		A	HSX	120	1	2	3
9824		LEAR	02	21	0028	N22	W72	02	15.5		A	HSX	120	1	2	2
9824		TACH	02	21	0643	N25	W77	02	15.3			HSX	50	1	2	3
9824		SVTO	02	21	0803	N25	W80	02	15.1		A	HSX	30	1	3	2
9828A	31012	MWIL	02	14	1600	N08	E17	02	15.9	4	(AF)					
9828A		TACH	02	16	0530	N07	W11	02	15.4			CAI	258	27	7	4
9828A	31012	MWIL	02	16	1600	N08	W14	02	15.6	4	(B)					
9825A		VORO	02	13	2350	N22	E25	02	15.9			AXX	3	1		3
9825A	31016	MWIL	02	16	1600	N17	W15	02	15.5	3	(BP)					
9825A		KAND	02	18	0815	N17	W40	02	15.3			AXX		2		3

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9825A	31016	MWIL	02	18	1530	N17	W45	02	15.2	4	(AP)					
9824A		KAND	02	16	1305	N08	W13	02	15.6			BXO		3	4	3
9824A		KAND	02	17	0840	N07	W23	02	15.6			BXO		4	4	3
9824A		KAND	02	18	0815	N08	W35	02	15.7			BXO		3	1	3
9828		LEAR	02	11	0036	S14	E62	02	15.7		A	AXX	20	1		2
9828		SVTO	02	11	0732	S16	E59	02	15.8		A	HSX	20	1	1	3
9828		RAMY	02	11	1250	S16	E56	02	15.8		B	CRX	10	2	2	3
9828	31006	MWIL	02	11	1545	S15	E56	02	15.9	4	(AF)					
9828		LEAR	02	12	0035	S15	E50	02	15.8		A	AXX		1		3
9828		VORO	02	12	0038	S15	E51	02	15.9			AXX	6	1		3
9828		KAND	02	12	0720	S15	E48	02	15.9			AXX		1		3
9828		SVTO	02	12	0910	S16	E46	02	15.9		A	AXX		1		3
9828		KAND	02	14	0910	S16	E18	02	15.7			AXX		2	1	4
9828		RAMY	02	14	1240	S16	E16	02	15.7		B	BXO	10	6	2	4
9828		HOLL	02	14	1510	S17	E14	02	15.7		B	CSO	20	2	3	2
9828	31011	MWIL	02	14	1600	S17	E16	02	15.9	4	(AF)					
9828		RAMY	02	15	1335	S16	E01	02	15.6		B	BXO		2	1	3
9828		SVTO	02	16	1222	S15	W12	02	15.6		B	BXO	10	2	2	2
9828		SVTO	02	20	0740	S14	W63	02	15.5		A	AXX	40	2	1	3
9828	31026	MWIL	02	20	1600	S15	W67	02	15.6	4	(AP)					
9835		SVTO	02	16	1222	S13	E04	02	16.8		A	AXX		1		2
9835		RAMY	02	16	1232	S13	E03	02	16.7		A	AXX		1		3
9835	31017	MWIL	02	16	1600	S12	E01	02	16.7	3	(AF)					
9835		TACH	02	20	0525	S09	W50	02	16.5			BRO	21	3	3	3
9835		SVTO	02	20	0740	S08	W54	02	16.3		B	DRO	30	4	5	3
9835		HOLL	02	20	1548	S09	W57	02	16.4		B	DSO	50	4	4	3
9835	31027	MWIL	02	20	1600	S09	W56	02	16.5	4	(B)					
9835		RAMY	02	20	1742	S11	W58	02	16.4		B	DSO	40	3	4	3
9835		LEAR	02	21	0028	S11	W61	02	16.4		B	DAO	120	2	5	2
9835		TACH	02	21	0643	S07	W63	02	16.6			DAO	91	3	5	3
9835		SVTO	02	21	0803	S08	W68	02	16.2		B	DAO	170	3	8	2
9835		KAND	02	21	0925	S09	W68	02	16.3			ESO		3	11	2
9835		RAMY	02	21	1247	S08	W70	02	16.3		B	DAO	220	4	10	2
9835	31027	MWIL	02	21	1600	S09	W71	02	16.3	4	(B)					
9835		HOLL	02	21	1715	S09	W73	02	16.2		B	DAO	180	5	10	1
9835		LEAR	02	22	0051	S10	W76	02	16.3		B	DAO	180	3	8	3
9835		VORO	02	22	0109	S10	W77	02	16.3			DSO	460	2	5	2
9835		KAND	02	22	1125	S09	W83	02	16.2			CAO		4	7	4
9835		RAMY	02	22	1234	S06	W80	02	16.5		A	HSX	60	1	2	3
9835		HOLL	02	22	1450	S08	W82	02	16.5		B	DAO	90	2	3	3
9835	31027	MWIL	02	22	1600	S08	W84	02	16.4	4	AP					
9835J	31028	MWIL	02	20	1600	N08	W38	02	17.8	4	(AP)					
9835F		VORO	02	17	2351	S12	W00	02	18.0			HAX	31	1		3
9835A		LEAR	02	17	0026	N19	E21	02	18.6		B	BXO	20	3	3	3
9835B		RAMY	02	15	1335	S24	E44	02	19.0		A	AXX		1		3
9835B		HOLL	02	15	1542	S23	E43	02	19.0		A	AXX		1		2
9835B		LEAR	02	17	0026	S22	E21	02	18.6		A	AXX	10	1		3
9835C		KAND	02	14	0910	N06	E59	02	18.8			BXO		2	2	4
9835C		KAND	02	19	1210	N11	W11	02	18.7			AXX		4	1	2
9835C		HOLL	02	19	1505	N11	W12	02	18.7		B	CRO	40	6	3	3
9835C	31024	MWIL	02	19	1800	N12	W14	02	18.7	4	(BP)					
9835D		SVTO	02	20	0740	S03	W17	02	19.0		B	BXO	10	2	5	3
9835D		HOLL	02	20	1548	S01	W23	02	18.9		A	AXX	10	2	2	3
9835D		RAMY	02	20	1742	S01	W23	02	19.0		A	HRX	10	2	1	3
9835H	31021	MWIL	02	18	1530	S12	E05	02	19.0	4	(AP)					
9835E		LEAR	02	15	0050	S19	E62	02	19.8		A	HRX	10	1	1	2
9835G		VORO	02	17	2351	S13	E24	02	19.8			AXX	17	1		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
9829		LEAR	02	14	0020	S03	E89	02	20.7		A	AXX		1		2
9829		RAMY	02	14	1240	S07	E80	02	20.5		B	CSO	30	4	6	4
9829		HOLL	02	14	1510	S08	E78	02	20.5		A	AXX	10	2	2	2
9829	31013	MWIL	02	14	1600	S06	E76	02	20.3	3	(B)					
9829		VORO	02	15	0003	S04	E75	02	20.6			AXX	25	3		3
9829		LEAR	02	15	0050	S06	E72	02	20.4		B	DSO	30	2	4	2
9829		RAMY	02	15	1335	S06	E69	02	20.7		B	ESO	40	4	12	3
9829		HOLL	02	15	1542	S06	E69	02	20.8		B	CSO	70	3	14	2
9829		VORO	02	15	2350	S04	E67	02	21.0			BXO	50	3	9	2
9829		TACH	02	16	0530	S05	E58	02	20.6			BRI	25	4	15	4
9829		SVTO	02	16	1222	S05	E57	02	20.8		B	ERO	50	4	13	2
9829		RAMY	02	16	1232	S07	E57	02	20.8		B	ESO	10	5	12	3
9829		KAND	02	16	1305	S05	E55	02	20.6			BXO		3	10	2
9829	31020	MWIL	02	16	1600	S05	E56	02	20.8	4	(B)					
9829	31013	MWIL	02	16	1600	S06	E48	02	20.2	3	(AP)					
9829		HOLL	02	16	1630	S06	E57	02	20.9		B	EAO	60	4	12	2
9829		LEAR	02	17	0026	S04	E50	02	20.7		B	EAO	90	7	11	3
9829		KAND	02	17	0840	S05	E42	02	20.5			BXO		3	6	3
9829		RAMY	02	17	1227	S07	E40	02	20.5		B	BXO	20	3	5	3
9829		HOLL	02	17	1910	S04	E37	02	20.6		B	CSO	40	4	9	2
9829	31020	MWIL	02	18	1530	S05	E33	02	21.1	4	(AF)					
9829		SVTO	02	20	0740	S11	E09	02	21.0		A	AXX		1		3
9829	31029	MWIL	02	20	1600	S06	W01	02	20.6	4	(AP)					
9829		LEAR	02	23	0011	S09	W36	02	20.3		B	BXO	20	2	4	4
9829	31041	MWIL	02	23	1600	S04	W42	02	20.5	3	(AP)					
9830		KAND	02	14	0910	S20	E82	02	20.6			AXX		1		4
9830		SVTO	02	14	0950	S22	E80	02	20.5		A	HRX	10	1	1	3
9830		RAMY	02	14	1240	S21	E79	02	20.6		B	CSO	40	3	3	4
9830		HOLL	02	14	1510	S22	E77	02	20.5		A	AXX	30	1	1	2
9830	31014	MWIL	02	14	1600	S21	E77	02	20.6	3	(AP)					
9830		VORO	02	15	0003	S20	E75	02	20.7			BXO	18	2	7	3
9830		LEAR	02	15	0050	S23	E74	02	20.7		B	DSO	20	3	2	2
9830		RAMY	02	15	1335	S22	E62	02	20.3		B	ESI	60	16	14	3
9830		HOLL	02	15	1542	S19	E61	02	20.3		B	CAO	80	12	16	2
9830		VORO	02	15	2350	S20	E52	02	20.0			CRO	55	4	4	2
9830		TACH	02	16	0530	S20	E50	02	20.0			CAI	104	19	18	4
9830		SVTO	02	16	1222	S19	E49	02	20.2		B	FAO	210	13	17	2
9830		RAMY	02	16	1232	S21	E50	02	20.3		B	FAI	200	26	17	3
9830		KAND	02	16	1305	S18	E48	02	20.2			DSO		10	4	2
9830	31018	MWIL	02	16	1600	S18	E45	02	20.1	5	(BG)					
9830		HOLL	02	16	1630	S18	E47	02	20.3		BG	FAI	230	21	18	2
9830		LEAR	02	17	0026	S18	E42	02	20.2		BG	FAI	440	23	17	3
9830		KAND	02	17	0840	S19	E36	02	20.1			DAO		7	10	3
9830		RAMY	02	17	1227	S19	E38	02	20.4		B	FHI	320	28	19	3
9830		HOLL	02	17	1910	S17	E35	02	20.4		BG	FAI	280	37	17	2
9830		VORO	02	17	2351	S20	E29	02	20.2			ESO	903	47	17	3
9830		LEAR	02	18	0010	S18	E31	02	20.4		BGD	FKI	350	43	18	3
9830		KAND	02	18	0815	S18	E24	02	20.2			DKI		10	10	3
9830		RAMY	02	18	1230	S18	E29	02	20.7		BG	FKI	550	37	23	4
9830	31018	MWIL	02	18	1530	S18	E21	02	20.2	5	(D)					
9830		HOLL	02	18	1628	S19	E23	02	20.4		BG	FKI	530	50	19	3
9830		LEAR	02	19	0035	S20	E19	02	20.5		BGD	FKI	640	42	20	3
9830		KAND	02	19	1210	S19	E10	02	20.3			EKI		23	11	2
9830		HOLL	02	19	1505	S20	E11	02	20.5		GD	FKC	570	49	18	3
9830	31018	MWIL	02	19	1800	S19	E05	02	20.1	5	(D)					
9830		LEAR	02	20	0140	S19	E05	02	20.4		BGD	FKC	480	33	20	3
9830		TACH	02	20	0525	S15	E02	02	20.4			EAI	1076	37	14	3
9830		SVTO	02	20	0740	S19	E02	02	20.5		BG	FAI	620	41	22	3
9830		HOLL	02	20	1548	S19	W01	02	20.6		BGD	FKC	520	54	20	3
9830	31018	MWIL	02	20	1600	S19	W06	02	20.2	5	(D)					
9830		RAMY	02	20	1742	S21	W06	02	20.3		BG	FKC	490	66	24	3
9830		LEAR	02	21	0028	S19	W09	02	20.3		BGD	FKC	530	32	19	2
9830		TACH	02	21	0643	S16	W15	02	20.1			DAI	259	19	10	3
9830		SVTO	02	21	0803	S18	W14	02	20.3		B	FAI	700	32	23	2
9830		KAND	02	21	0925	S18	W18	02	20.0			EKI		36	12	2
9830		RAMY	02	21	1247	S18	W16	02	20.3		BG	FAI	410	25	19	2
9830	31018	MWIL	02	21	1600	S19	W22	02	20.0	5	(D)					
9830		HOLL	02	21	1715	S20	W18	02	20.3		GD	FKC	420	22	19	1

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9830		LEAR	02	22	0051	S19	W24	02	20.2		BGD	FKI	490	34	18	3
9830		VORO	02	22	0109	S18	W28	02	19.9			ESO	747	57	9	2
9830		KAND	02	22	1125	S19	W34	02	19.9			EKO		25	14	4
9830		RAMY	02	22	1234	S18	W32	02	20.1		BG	FAI	470	26	25	3
9830		HOLL	02	22	1450	S19	W32	02	20.2		BG	FKC	370	36	17	3
9830	31018	MWIL	02	22	1600	S19	W35	02	20.0	5	(D)					
9830		LEAR	02	23	0011	S19	W37	02	20.2		BGD	FAI	500	36	17	4
9830		VORO	02	23	0115	S18	W41	02	19.9			ESO	776	40	10	3
9830		SVTO	02	23	0743	S18	W41	02	20.2		BG	FAI	440	32	16	2
9830		KAND	02	23	0855	S19	W44	02	20.0			FAI		25	16	2
9830		RAMY	02	23	1212	S18	W43	02	20.2		BG	FKI	510	16	17	3
9830		HOLL	02	23	1545	S19	W45	02	20.2		BG	F I	480	33	16	3
9830	31018	MWIL	02	23	1600	S20	W48	02	20.0	5	(D)					
9830		VORO	02	23	2352	S18	W54	02	19.9			DSO	904	35	10	3
9830		LEAR	02	24	0022	S19	W51	02	20.1		BGD	FKC	710	30	19	3
9830		SVTO	02	24	0815	S16	W57	02	20.0		BD	EKI	520	14	15	3
9830		TACH	02	24	0850	S16	W56	02	20.1			DAI	239	12	10	2
9830		HOLL	02	24	1535	S18	W60	02	20.1		BG	FKC	760	20	16	3
9830	31018	MWIL	02	24	1600	S19	W61	02	20.0	5	(D)					
9830		RAMY	02	24	1720	S16	W61	02	20.1		BG	FKI	610	16	16	2
9830		LEAR	02	25	0010	S18	W65	02	20.0		BGD	FKC	360	18	19	4
9830		TACH	02	25	0529	S17	W68	02	20.1			DAI	285	9	10	3
9830		SVTO	02	25	0900	S17	W72	02	19.9		BD	EAI	380	18	14	3
9830		RAMY	02	25	1300	S20	W74	02	19.9		BG	EKI	290	13	11	2
9830		HOLL	02	25	1525	S18	W74	02	20.0		BG	DAI	170	9	12	3
9830	31018	MWIL	02	25	1530	S18	W74	02	20.0	4	(BG)					
9830		LEAR	02	26	0310	S18	W78	02	20.2		BG	FAO	240	7	19	3
9830		SVTO	02	26	0755	S16	W80	02	20.3		BG	EHO	240	4	12	3
9830		KAND	02	26	0820	S20	W80	02	20.2			CSO		3	3	3
9830		RAMY	02	26	1450	S18	W86	02	20.1		B	CSO	80	3	6	2
9830		HOLL	02	26	1530	S17	W86	02	20.1		B	DSO	60	2	5	2
9830	31018	MWIL	02	26	1600	S18	W88	02	20.0	4	B					
9838		TACH	02	21	0643	N06	W08	02	20.7			AXX	3	1	1	3
9838		SVTO	02	21	0803	N05	W09	02	20.7		B	CRO	10	2	2	2
9838		KAND	02	21	0925	N05	W11	02	20.6			BXO		3	3	2
9838		RAMY	02	21	1247	N05	W13	02	20.6		B	BXO	20	4	4	2
9838	31033	MWIL	02	21	1600	N05	W14	02	20.6	4	(B)					
9838		HOLL	02	21	1715	N05	W15	02	20.6		B	CSO	40	6	3	1
9838		LEAR	02	22	0051	N06	W18	02	20.7		B	DSO	20	3	3	3
9838		VORO	02	22	0109	N05	W19	02	20.6			BXO	62	8	3	2
9838		KAND	02	22	1125	N05	W26	02	20.5			CRO		3	4	4
9838		RAMY	02	22	1234	N05	W26	02	20.6		B	BXO	20	3	5	3
9838		HOLL	02	22	1450	N05	W27	02	20.6		B	CSO	10	7	4	3
9838	31033	MWIL	02	22	1600	N05	W27	02	20.6	4	(B)					
9838		LEAR	02	23	0011	N05	W32	02	20.6		B	CRO	60	6	5	4
9838		SVTO	02	23	0743	N07	W36	02	20.6		B	DRO	20	6	6	2
9838		RAMY	02	23	1212	N06	W40	02	20.5		B	CSO	20	3	3	3
9838		HOLL	02	23	1545	N05	W42	02	20.5		B	CSO	10	3	4	3
9838	31042	MWIL	02	23	1600	N05	W39	02	20.7	3	(AP)					
9838	31033	MWIL	02	23	1600	N05	W41	02	20.6	3	(B)					
9832		KAND	02	17	0840	S14	E45	02	20.8			BXO		2	3	3
9832		KAND	02	18	0815	S14	E32	02	20.8			BXO		4	4	3
9832	31022	MWIL	02	18	1530	S13	E27	02	20.7	4	(B)					
9832		HOLL	02	18	1628	S13	E29	02	20.9		B	BXO	20	9	12	3
9832		LEAR	02	19	0035	S14	E22	02	20.7		B	CSO	20	4	5	3
9832	31022	MWIL	02	19	1800	S15	E14	02	20.8	4	(AF)					
9832		LEAR	02	20	0140	S15	E09	02	20.7		A	HSX	10	1	1	3
9832		LEAR	02	21	0028	S13	W03	02	20.8		B	CSO	30	2	2	2
9841		KAND	02	16	1305	S21	E54	02	20.7			AXX		2	6	2
9841	31019	MWIL	02	16	1600	S21	E52	02	20.6	4	(BG)					
9841		KAND	02	17	0840	S21	E46	02	20.9			DSO		7	10	3
9841		KAND	02	18	0815	S20	E32	02	20.8			CSO		11	6	3
9841	31019	MWIL	02	18	1530	S21	E28	02	20.8	4	(B)					
9841		KAND	02	19	1210	S21	E20	02	21.0			CRO		5	5	2
9841	31019	MWIL	02	19	1800	S21	E14	02	20.8	4	(BF)					
9841	31019	MWIL	02	20	1600	S21	E05	02	21.0	4	(AF)					

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9841		KAND	02	21	0925	S22	W05	02	21.0			AXX		8	4	2
9841	31019	MWIL	02	21	1600	S21	W09	02	21.0	4	(AF)					
9841		LEAR	02	22	0051	S21	W08	02	21.4		B	DSO	40	5	4	3
9841		VORO	02	22	0109	S21	W08	02	21.4			BXO	51	6	2	2
9841		KAND	02	22	1125	S21	W14	02	21.4			CSO		11	4	4
9841		HOLL	02	22	1450	S21	W15	02	21.5		B	DAO	80	6	6	3
9841	31036	MWIL	02	22	1600	S21	W15	02	21.5	5	(B)					
9841		LEAR	02	23	0011	S21	W19	02	21.5		B	DAO	110	8	5	4
9841		VORO	02	23	0115	S21	W21	02	21.4			DSO	89	8	4	3
9841		SVTO	02	23	0743	S20	W26	02	21.3		B	DAO	40	10	6	2
9841		KAND	02	23	0855	S20	W25	02	21.4			DSO		10	6	2
9841		HOLL	02	23	1545	S20	W30	02	21.4		B	DAO	40	11	5	3
9841	31036	MWIL	02	23	1600	S20	W29	02	21.4	4	(B)					
9841		VORO	02	23	2352	S21	W34	02	21.4			DSO	94	7	6	3
9841		LEAR	02	24	0022	S21	W33	02	21.5		B	DAO	90	8	8	3
9841		SVTO	02	24	0815	S19	W39	02	21.4		B	DAO	50	6	7	3
9841		TACH	02	24	0850	S19	W37	02	21.5			BRO	7	3	6	2
9841		HOLL	02	24	1535	S20	W45	02	21.2		B	DAO	80	7	7	3
9841	31036	MWIL	02	24	1600	S20	W43	02	21.4	4	(B)					
9841		RAMY	02	24	1720	S19	W43	02	21.4		B	DSO	50	7	7	2
9841		LEAR	02	25	0010	S21	W47	02	21.4		B	DAO	40	10	9	4
9841		VORO	02	25	0153	S20	W49	02	21.3			DAI	208	8	27	1
9841		TACH	02	25	0529	S19	W48	02	21.6			BXI	28	3	6	3
9841		SVTO	02	25	0900	S22	W53	02	21.3		B	DSO	20	3	8	3
9841		RAMY	02	25	1300	S21	W54	02	21.4		B	CSO	20	3	7	2
9841		HOLL	02	25	1525	S20	W56	02	21.3		B	CSO	20	2	7	3
9841	31036	MWIL	02	25	1530	S21	W53	02	21.6	4	(B)					
9841		VORO	02	25	2354	S21	W57	02	21.6			DAI	147	6	19	2
9841		LEAR	02	26	0310	S22	W59	02	21.6		A	HAX	20	2	1	3
9841		SVTO	02	26	0755	S22	W63	02	21.5		A	HSX	20	1	2	3
9841		KAND	02	26	0820	S22	W61	02	21.6			HRX		2	1	3
9841		RAMY	02	26	1450	S22	W66	02	21.5		A	HSX	20	1	1	2
9841		HOLL	02	26	1530	S22	W66	02	21.6		A	HSX	30	1	1	2
9841	31036	MWIL	02	26	1600	S22	W65	02	21.7	3	(AF)					
9841		VORO	02	26	2338	S23	W71	02	21.5			HRX	66	2		3
9832A	31023	MWIL	02	18	1530	S13	E36	02	21.4	4	(AF)					
9846		KAND	02	22	1125	N01	W04	02	22.2			AXX		1		4
9846		KAND	02	22	1125	S05	W02	02	22.3			AXX		1		4
9846		HOLL	02	22	1450	S04	W04	02	22.3		A	AXX		3	2	3
9846	31037	MWIL	02	22	1600	S04	W04	02	22.4	4	(AP)					
9846		SVTO	02	24	0815	S03	W27	02	22.3		B	BXO	10	2	4	3
9846		TACH	02	24	0850	S04	W28	02	22.3			AXX	1	1	1	2
9846		HOLL	02	24	1535	S04	W32	02	22.2		A	HAX	20	3	3	3
9846	31037	MWIL	02	24	1600	S04	W35	02	22.0	4	(B)					
9846		RAMY	02	24	1720	S03	W35	02	22.1		B	DSO	30	5	5	2
9846		LEAR	02	25	0010	S04	W39	02	22.1		B	DAO	50	8	7	4
9846		VORO	02	25	0153	S04	W41	02	22.0			BXI	16	3	4	1
9846		TACH	02	25	0529	S03	W41	02	22.2			BRI	19	7	6	3
9846		SVTO	02	25	0900	S04	W46	02	21.9		B	DAO	80	12	9	3
9846		RAMY	02	25	1300	S03	W48	02	21.9		B	DSO	190	10	7	2
9846		HOLL	02	25	1525	S03	W49	02	22.0		B	DSO	80	9	9	3
9846	31037	MWIL	02	25	1530	S03	W49	02	22.0	5	(BG)					
9846		VORO	02	25	2354	S03	W55	02	21.9			DAI	188	14	7	2
9846		LEAR	02	26	0310	S04	W55	02	22.0		B	DAO	140	11	8	3
9846		SVTO	02	26	0755	S03	W61	02	21.8		BG	DKO	240	9	9	3
9846		KAND	02	26	0820	S03	W59	02	21.9			DSO		9	9	3
9846		RAMY	02	26	1450	S03	W64	02	21.8		B	DAO	160	6	9	2
9846		HOLL	02	26	1530	S03	W63	02	21.9		B	DSO	160	6	10	2
9846	31037	MWIL	02	26	1600	S03	W64	02	21.9	5	(B)					
9846		VORO	02	26	2338	S03	W69	02	21.8			DAI	258	4	7	3
9846		SVTO	02	27	0814	S02	W74	02	21.8		B	ESO	180	4	11	2
9846		KAND	02	27	1155	S03	W75	02	21.9			DAO		3	10	1
9846		RAMY	02	27	1230	S03	W76	02	21.8		B	EAO	210	2	11	4
9846		HOLL	02	27	1820	S02	W79	02	21.9		B	DAO	120	2	7	2
9846		VORO	02	27	2347	S03	W83	02	21.8			DAO	78	2	9	3
9846		LEAR	02	28	0120	S05	W79	02	22.1		B	DAO	30	3	6	2
9839	31030	MWIL	02	20	1600	S17	E25	02	22.6	4	(B)					

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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
9839		RAMY	02	20	1742	S16	E22	02	22.4		A	HSX	10	2	2	3
9839		LEAR	02	21	0028	S16	E19	02	22.5		B	BXO	10	2	1	2
9839		SVTO	02	21	0803	S16	E14	02	22.4		B	BXO	10	3	1	2
9839		KAND	02	21	0925	S16	E15	02	22.5			AXX		1		2
9839		RAMY	02	21	1247	S16	E12	02	22.4		A	AXX	10	1		2
9839	31030	MWIL	02	21	1600	S16	E11	02	22.5	4	(AP)					
9839		HOLL	02	21	1715	S17	E09	02	22.4		A	AXX	10	1	1	1
9839		KAND	02	22	1125	S19	W01	02	22.4			AXX		2	2	4
9839		HOLL	02	22	1450	S17	W01	02	22.5		A	AXX		1		3
9839	31030	MWIL	02	22	1600	S17	W02	02	22.5	4	(B)					
9839		LEAR	02	23	0011	S18	W06	02	22.5		B	CRO	40	6	4	4
9839		SVTO	02	23	0743	S17	W12	02	22.4		B	CSO	20	6	5	2
9839		KAND	02	23	0855	S17	W12	02	22.4			BXO		5	5	2
9839		RAMY	02	23	1212	S20	W17	02	22.2		B	DSO	40	5	6	3
9839		HOLL	02	23	1545	S18	W17	02	22.4		B	CSO	20	7	4	3
9839	31030	MWIL	02	23	1600	S17	W18	02	22.3	4	(B)					
9839		VORO	02	23	2352	S17	W22	02	22.3			CSO	73	8	4	3
9839		LEAR	02	24	0022	S17	W22	02	22.3		B	CSO	70	12	4	3
9839		SVTO	02	24	0815	S15	W27	02	22.3		B	CSO	40	11	7	3
9839		TACH	02	24	0850	S15	W27	02	22.3			BRI	11	4	4	2
9839		HOLL	02	24	1535	S18	W31	02	22.3		BG	DAI	120	15	7	3
9839	31030	MWIL	02	24	1600	S17	W32	02	22.2	4	(B)					
9839		RAMY	02	24	1720	S16	W32	02	22.3		BG	DAI	100	19	6	2
9839		LEAR	02	25	0010	S17	W35	02	22.3		B	DAI	110	19	8	4
9839		VORO	02	25	0153	S19	W30	02	22.8			DAI	106	12	17	1
9839		TACH	02	25	0529	S16	W36	02	22.5			BRI	155	12	5	3
9839		SVTO	02	25	0900	S16	W42	02	22.2		B	ESI	140	18	11	3
9839		RAMY	02	25	1300	S18	W42	02	22.3		B	DSO	160	15	9	2
9839		HOLL	02	25	1525	S17	W44	02	22.3		BG	DAO	120	10	9	3
9839	31030	MWIL	02	25	1530	S17	W45	02	22.2	5	(BP)					
9839		VORO	02	26	0138	S19	W43	02	22.8			DAI	544	33	18	3
9839		LEAR	02	26	0310	S17	W49	02	22.4		B	DAI	220	18	10	3
9839		SVTO	02	26	0755	S17	W54	02	22.2		B	DAO	100	12	8	3
9839		KAND	02	26	0820	S18	W55	02	22.1			CSO		10	10	3
9839		RAMY	02	26	1450	S17	W57	02	22.3		B	DAI	180	22	10	2
9839		HOLL	02	26	1530	S17	W59	02	22.2		B	DSI	200	13	10	2
9839	31030	MWIL	02	26	1600	S17	W59	02	22.2	4	(B)					
9839		SVTO	02	27	0814	S16	W66	02	22.3		B	DSO	150	10	10	2
9839		RAMY	02	27	1230	S19	W69	02	22.2		B	EAI	250	12	12	4
9839	31030	MWIL	02	27	1800	S17	W75	02	22.0	4	B					
9839		HOLL	02	27	1820	S17	W74	02	22.1		B	DAO	330	10	10	2
9839		VORO	02	27	2347	S19	W71	02	22.6			DAI	279	18	21	3
9839		LEAR	02	28	0120	S20	W73	02	22.5		B	DAO	150	9	9	2
9839		TACH	02	28	0511	S17	W74	02	22.6			HR	46	3	4	2
9839		SVTO	02	28	0750	S16	W81	02	22.2		B	ESO	90	4	14	3
9839		KAND	02	28	1350	S19	W80	02	22.5			CSO		4	12	3
9839		RAMY	02	28	1505	S18	W81	02	22.5		B	CAO	60	3	3	2
9839	31030	MWIL	02	28	1600	S18	W85	02	22.2	4	B					
9839		VORO	02	28	2357	S19	W90	02	22.1			DAI	104	6	14	3
9842		KAND	02	21	0925	S19	E23	02	23.1			BXO		8	7	2
9842		LEAR	02	22	0051	S18	E15	02	23.2		A	HRX	10	2	2	3
9842		KAND	02	22	1125	S20	E10	02	23.2			BXO		4	2	4
9842		HOLL	02	22	1450	S19	E08	02	23.2		A	AXX		2	1	3
9842	31038	MWIL	02	22	1600	S18	E07	02	23.2	4	(B)					
9842		LEAR	02	23	0011	S18	E02	02	23.1		A	HRX	20	2	1	4
9842		SVTO	02	23	0743	S18	W03	02	23.1		A	HXX		1		2
9842		RAMY	02	23	1212	S17	W11	02	22.7		B	ESO	30	6	11	3
9842		HOLL	02	23	1545	S19	W07	02	23.1		B	BXO	10	3	3	3
9842	31038	MWIL	02	23	1600	S19	W10	02	22.9	3	(AP)					
9842		LEAR	02	24	0022	S19	W12	02	23.1		B	BXO	10	2	3	3
9842		HOLL	02	24	1535	S19	W19	02	23.2		B	CAO	20	6	3	3
9842	31038	MWIL	02	24	1600	S19	W20	02	23.1	4	(B)					
9842		RAMY	02	24	1720	S19	W20	02	23.2		B	DSO	30	9	3	2
9842		LEAR	02	25	0010	S19	W23	02	23.2		B	DAI	40	17	6	4
9842		TACH	02	25	0529	S18	W24	02	23.4			BRI	72	11	4	3
9842		SVTO	02	25	0900	S19	W28	02	23.2		B	DAO	80	19	7	3
9842		RAMY	02	25	1300	S20	W30	02	23.2		B	DAO	150	15	6	2
9842		HOLL	02	25	1525	S19	W32	02	23.2		B	DAO	140	12	8	3

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9842	31038	MWIL	02	25	1530	S19	W31	02	23.3	5	(B)					
9842		LEAR	02	26	0310	S19	W37	02	23.3		B	DAI	250	18	7	3
9842		SVTO	02	26	0755	S19	W42	02	23.1		B	DKO	240	15	8	3
9842		KAND	02	26	0820	S19	W40	02	23.3			DAO		9	8	3
9842		RAMY	02	26	1450	S20	W44	02	23.2		B	DAO	280	7	9	2
9842		HOLL	02	26	1530	S20	W46	02	23.1		B	DKO	200	6	9	2
9842	31038	MWIL	02	26	1600	S19	W45	02	23.2	4	(B)					
9842		SVTO	02	27	0814	S18	W55	02	23.1		B	DAO	180	5	9	2
9842		KAND	02	27	1155	S18	W56	02	23.2			DSO		4	8	1
9842		RAMY	02	27	1230	S20	W57	02	23.2		B	DAO	160	5	8	4
9842	31038	MWIL	02	27	1800	S19	W60	02	23.2	4	B					
9842		HOLL	02	27	1820	S18	W60	02	23.2		B	DKO	340	7	9	2
9842		LEAR	02	28	0120	S19	W55	02	23.8		B	DAO	130	6	10	2
9842		TACH	02	28	0511	S16	W62	02	23.5			BRO	23	4	7	2
9842		SVTO	02	28	0750	S18	W67	02	23.2		B	DSO	140	3	9	3
9842		KAND	02	28	1350	S19	W69	02	23.3			HS		1	2	3
9842		KAND	02	28	1350	S19	W69	02	23.3			HSX		1	2	3
9842		RAMY	02	28	1505	S17	W72	02	23.1		B	DAO	130	4	7	2
9842	31038	MWIL	02	28	1600	S19	W70	02	23.3	4	(BP)					
9842		LEAR	03	01	0400	S19	W77	02	23.4		B	DAO	90	4	8	2
9842		KAND	03	01	0845	S18	W81	02	23.3			AX		2	3	5
9842B	31050	MWIL	02	27	1800	N27	W60	02	23.1	4	AF					
9842B	31050	MWIL	02	28	1600	N26	W70	02	23.2	3	(B)					
9842A		HOLL	02	20	1548	S21	E42	02	23.9		A	AXX		1		3
9842A	31031	MWIL	02	20	1600	S20	E41	02	23.8	2	(AP)					
9842A		RAMY	02	20	1742	S19	E36	02	23.5		B	BXO	10	3	7	3
9842A		SVTO	02	21	0803	S21	E33	02	23.9		A	AXX		1		2
9842A		KAND	02	21	0925	S20	E32	02	23.8			AXX		1		2
9842A	31031	MWIL	02	21	1600	S19	E27	02	23.7	4	(AP)					
9842A		LEAR	02	23	0011	S19	E10	02	23.8		A	AXX		1		4
9850		VORO	02	26	2354	N27	W41	02	23.8			AXX	26	4		2
9850		SVTO	02	27	0814	N27	W43	02	24.0		A	HSX	20	1	1	2
9850		HOLL	02	27	1820	N27	W49	02	23.9		B	CAO	40	4	3	2
9850		LEAR	02	28	0120	N25	W52	02	24.0		B	CRO	40	5	4	2
9850		TACH	02	28	0511	N28	W50	02	24.3			HA	31	2	2	2
9850		SVTO	02	28	0750	N28	W57	02	23.9		B	CRO	20	2	3	3
9850		VORO	02	28	2337	N27	W65	02	23.9			BXI	9	2	4	3
9850		LEAR	03	01	0400	N26	W64	02	24.3		A	AXX	10	2	2	2
9850		KAND	03	01	0845	N28	W71	02	23.9			AX		2	1	5
9834		HOLL	02	19	1505	N03	E59	02	24.0		B	BXO	20	2	2	3
9834	31025	MWIL	02	19	1800	N03	E58	02	24.1	3	(B)					
9834		RAMY	02	20	1742	N07	E45	02	24.1		A	HAX	20	1	2	3
9834		LEAR	02	21	0028	N03	E39	02	23.9		A	AXX	10	1		2
9834		TACH	02	21	0643	N03	E32	02	23.7			AXX	5	1	1	3
9834		SVTO	02	21	0803	N02	E36	02	24.0		A	HSX	10	1	1	2
9834		KAND	02	21	0925	N03	E35	02	24.0			AXX		1	1	2
9834		RAMY	02	21	1247	N03	E32	02	23.9		A	HSX	10	1		2
9834	31034	MWIL	02	21	1600	N03	E30	02	23.9	4	(AP)					
9834		HOLL	02	21	1715	N03	E29	02	23.9		A	AXX	10	1	1	1
9834		LEAR	02	22	0051	N03	E25	02	23.9		A	HSX	10	2		3
9850A		HOLL	02	26	1530	S22	W16	02	25.4		A	AXX	10	1	1	2
9850A	31048	MWIL	02	26	1600	S22	W14	02	25.6	3	(AF)					
9850A	31048	MWIL	02	27	1800	S19	W30	02	25.5	4	B					
9850A		HOLL	02	27	1820	S20	W31	02	25.4		A	AXX	20	3	2	2
9850A		KAND	02	28	1350	S21	W42	02	25.3			CRO		3	1	3
9850A		RAMY	02	28	1505	S20	W42	02	25.4		B	CSO	20	4	3	2
9850A	31048	MWIL	02	28	1600	S21	W42	02	25.4	4	(B)					
9850A		VORO	02	28	2337	S21	W47	02	25.4			BXO	13	4	1	3
9850A		LEAR	03	01	0400	S21	W48	02	25.6		B	DSO	30	3	3	2
9850A		KAND	03	01	0845	S21	W51	02	25.5			BXO		2	3	5
9850B	31043	MWIL	02	23	1600	N20	E27	02	25.7	3	(AF)					
9850B		TACH	02	24	0850	N20	E21	02	26.0			BRI	45	6	6	2
9850C		VORO	03	01	2313	S11	W53	02	26.1			HRX	202	1		2

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9837		LEAR	02	20	0140	N08	E79	02	26.0		A	HSX	10	1	1	3
9837		TACH	02	20	0525	N08	E77	02	26.0			HA	80	2	2	3
9837		SVTO	02	20	0740	N06	E80	02	26.3		A	HSX	60	1	5	3
9837		HOLL	02	20	1548	N09	E76	02	26.4		B	CSO	120	2	4	3
9837	31032	MWIL	02	20	1600	N07	E75	02	26.3	4	(AP)					
9837		LEAR	02	21	0028	N08	E68	02	26.1		A	HAX	150	1	3	2
9837		TACH	02	21	0643	N09	E63	02	26.0			HSX	50	1	1	3
9837		SVTO	02	21	0803	N07	E66	02	26.3		A	HSX	130	1	4	2
9837		KAND	02	21	0925	N08	E68	02	26.5			HSX		1	2	2
9837		RAMY	02	21	1247	N08	E62	02	26.2		B	CSO	150	2	3	2
9837	31032	MWIL	02	21	1600	N07	E61	02	26.2	5	(AP)					
9837		HOLL	02	21	1715	N08	E60	02	26.2		A	HKX	130	2	3	1
9837		LEAR	02	22	0051	N09	E56	02	26.2		A	HAX	140	4	2	3
9837		VORO	02	22	0109	N08	E56	02	26.2			HAX	152	4		2
9837		KAND	02	22	1125	N07	E50	02	26.2			CRO		8	3	4
9837		RAMY	02	22	1234	N08	E50	02	26.3		B	CAO	140	5	3	3
9837		HOLL	02	22	1450	N09	E49	02	26.3		B	CAO	90	6	4	3
9837	31032	MWIL	02	22	1600	N09	E49	02	26.3	5	(BP)					
9837		LEAR	02	23	0011	N10	E44	02	26.3		B	DAO	100	10	4	4
9837		VORO	02	23	0115	N09	E43	02	26.3			HAX	115	4		3
9837		SVTO	02	23	0743	N09	E42	02	26.5		B	DAO	90	7	5	2
9837		KAND	02	23	0855	N09	E39	02	26.3			CSO		6	3	2
9837		RAMY	02	23	1212	N09	E38	02	26.4		B	DSO	60	3	4	3
9837		HOLL	02	23	1545	N09	E36	02	26.3		B	CAO	50	6	4	3
9837	31032	MWIL	02	23	1600	N10	E36	02	26.4	4	(BP)					
9837		VORO	02	23	2352	N10	E32	02	26.4			DSO	147	7	3	3
9837		LEAR	02	24	0022	N11	E31	02	26.3		B	DAO	120	5	4	3
9837		SVTO	02	24	0815	N09	E26	02	26.3		B	DAO	70	8	6	3
9837		TACH	02	24	0850	N08	E20	02	25.9			HA	50	2	2	2
9837		HOLL	02	24	1535	N09	E22	02	26.3		B	CAO	50	9	5	3
9837	31032	MWIL	02	24	1600	N10	E22	02	26.3	4	(BP)					
9837		RAMY	02	24	1720	N10	E21	02	26.3		B	CAO	80	12	5	2
9837		LEAR	02	25	0010	N10	E18	02	26.3		B	CAO	60	9	4	4
9837		VORO	02	25	0153	N09	E16	02	26.3			HAX	33	2		1
9837		TACH	02	25	0529	N09	E12	02	26.1			BRO	51	3	4	3
9837		SVTO	02	25	0900	N08	E08	02	26.0		B	DAO	40	4	3	3
9837		RAMY	02	25	1300	N11	E09	02	26.2		B	DSO	20	3	2	2
9837		HOLL	02	25	1525	N09	E09	02	26.3		B	DSO	30	5	4	3
9837	31032	MWIL	02	25	1530	N09	E09	02	26.3	4	(BP)					
9837		VORO	02	25	2357	N09	E04	02	26.3			HRX	31	3	1	3
9837		LEAR	02	26	0310	N09	E02	02	26.3		B	DSO	20	4	3	3
9837		SVTO	02	26	0755	N09	W02	02	26.2		A	HSX	20	3	2	3
9837		KAND	02	26	0820	N08	E00	02	26.3			BXO		3	2	3
9837		RAMY	02	26	1450	N11	W02	02	26.5		B	DSO	30	6	6	2
9837		HOLL	02	26	1530	N09	W05	02	26.3		B	DSO	30	3	2	2
9837	31032	MWIL	02	26	1600	N10	W05	02	26.3	4	(BP)					
9837		VORO	02	26	2338	N09	W09	02	26.3			BXO	19	3	1	3
9837		SVTO	02	27	0814	N09	W15	02	26.2		A	AXX	10	2	1	2
9837		KAND	02	27	1155	N10	W16	02	26.3			AXX		2	1	1
9837		RAMY	02	27	1230	N11	W17	02	26.2		A	HSX		2	1	4
9837		SVTO	02	28	0750	N10	W23	02	26.6		A	AXX	10	2	2	3
9844	31039	MWIL	02	22	1600	N22	E46	02	26.2	4	(AP)					
9844		KAND	02	23	0855	N23	E39	02	26.4			BXO		4	5	2
9844		RAMY	02	23	1212	N22	E37	02	26.3		B	DSO	30	3	6	3
9844		HOLL	02	23	1545	N21	E38	02	26.6		B	CSO	40	5	6	3
9844	31039	MWIL	02	23	1600	N23	E35	02	26.4	5	(B)					
9844		LEAR	02	24	0022	N23	E29	02	26.2		B	DAO	130	10	5	3
9844		VORO	02	24	0115	N22	E31	02	26.4			DSO	141	10	5	3
9844		SVTO	02	24	0815	N22	E27	02	26.4		B	DSO	80	9	7	3
9844		HOLL	02	24	1535	N21	E22	02	26.3		BG	DSI	90	10	8	3
9844	31039	MWIL	02	24	1600	N23	E22	02	26.4	4	(BG)					
9844		RAMY	02	24	1720	N21	E21	02	26.3		B	DSO	80	13	8	2
9844		LEAR	02	25	0010	N22	E17	02	26.3		B	DAI	100	18	8	4
9844		VORO	02	25	0153	N23	E18	02	26.5			DAI	81	8	7	1
9844		TACH	02	25	0529	N20	E12	02	26.1			BRI	114	10	5	3
9844		SVTO	02	25	0900	N23	E14	02	26.4		B	DSO	170	19	10	3
9844		RAMY	02	25	1300	N22	E10	02	26.3		B	DSI	110	21	8	2
9844		HOLL	02	25	1525	N22	E10	02	26.4		BG	DAC	130	16	10	3

S U N S P O T G R O U P S
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FEBRUARY 2002

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
9844	31039	MWIL	02	25	1530	N22	E10	02	26.4	5	(B)					
9844		VORO	02	25	2354	N23	E05	02	26.4			DAI	196	19	7	2
9844		LEAR	02	26	0310	N22	E04	02	26.4		B	DAI	100	19	8	3
9844		SVTO	02	26	0755	N23	E01	02	26.4		B	DAO	90	21	9	3
9844		KAND	02	26	0820	N21	E02	02	26.5			DAO		21	9	3
9844		RAMY	02	26	1450	N22	W04	02	26.3		B	DAI	130	22	8	2
9844		HOLL	02	26	1530	N22	W04	02	26.3		B	DKI	200	20	8	2
9844	31039	MWIL	02	26	1600	N22	W04	02	26.3	4	(B)					
9844		VORO	02	26	2338	N22	W07	02	26.4			DAI	217	13	7	3
9844		SVTO	02	27	0814	N22	W13	02	26.3		B	DAO	240	20	9	2
9844		KAND	02	27	1155	N23	W14	02	26.4			DAO		15	9	1
9844		RAMY	02	27	1230	N22	W16	02	26.3		B	DAI	130	25	9	4
9844	31039	MWIL	02	27	1800	N23	W17	02	26.4	4	B					
9844		HOLL	02	27	1820	N23	W18	02	26.4		B	DAI	260	17	9	2
9844		VORO	02	27	2347	N22	W21	02	26.4			DAI	201	33	8	3
9844		LEAR	02	28	0120	N21	W23	02	26.3		B	DAI	170	34	9	2
9844		TACH	02	28	0511	N21	W24	02	26.4			CAI	138	14	7	2
9844		SVTO	02	28	0750	N23	W26	02	26.3		B	EAI	290	16	11	3
9844		KAND	02	28	1350	N22	W30	02	26.3			DAC		15	10	3
9844		RAMY	02	28	1505	N23	W30	02	26.3		B	DAI	190	25	10	2
9844	31039	MWIL	02	28	1600	N22	W30	02	26.4	5	(B)					
9844		VORO	02	28	2337	N22	W35	02	26.3			DAI	207	31	9	3
9844		LEAR	03	01	0400	N22	W36	02	26.5		B	DAI	160	23	10	2
9844		TACH	03	01	0619	N22	W37	02	26.5			DAI	192	8	10	2
9844		KAND	03	01	0845	N23	W40	02	26.4			ESO		11	11	5
9844		HOLL	03	01	1530	N21	W46	02	26.2		BG	EAI	190	7	11	2
9844	31039	MWIL	03	01	1600	N22	W42	02	26.5	4	(BF)					
9844		RAMY	03	01	1602	N23	W44	02	26.4		B	DSO	130	7	10	2
9844		VORO	03	01	2313	N23	W48	02	26.4			DAI	103	13	8	2
9844		LEAR	03	02	0030	N22	W49	02	26.3		B	DAO	160	13	10	3
9844		KAND	03	02	0800	N22	W54	02	26.3			ESO		4	11	3
9844		SVTO	03	02	0915	N23	W54	02	26.3		B	ESO	190	9	14	2
9844		RAMY	03	02	1325	N23	W55	02	26.4		B	DAO	80	8	10	4
9844	31039	MWIL	03	02	1530	N23	W57	02	26.3	4	(B)					
9844		HOLL	03	02	1600	N21	W58	02	26.3		BG	DAI	130	8	9	2
9844		VORO	03	03	0105	N23	W63	02	26.3			DAI	391	6	7	2
9844		KAND	03	03	0835	N23	W66	02	26.4			BXO		7	8	3
9844		RAMY	03	03	1302	N25	W70	02	26.2		B	CAO	70	6	6	2
9844	31039	MWIL	03	03	1530	N23	W72	02	26.2	4	AP					
9844		HOLL	03	03	1535	N22	W75	02	26.0		B	CAO	120	5	3	3
9844		VORO	03	03	2305	N24	W73	02	26.4			HAX	466	2		2
9844		LEAR	03	04	0015	N21	W81	02	25.9		B	CAO	80	4	3	4
9840		KAND	02	21	0925	S11	E84	02	27.7			AX		1		2
9840		KAND	02	21	0925	S11	E84	02	27.7			AXX		1		2
9840		RAMY	02	21	1247	S12	E77	02	27.3		A	HSX	30	2	2	2
9840	31035	MWIL	02	21	1600	S12	E77	02	27.5	4	(AF)					
9840		HOLL	02	21	1715	S12	E76	02	27.4		A	AXX	10	1	1	1
9840		LEAR	02	22	0051	S11	E70	02	27.3		B	DSO	30	2	5	3
9840		VORO	02	22	0109	S11	E70	02	27.3			AXX	26	1		2
9840		KAND	02	22	1125	S12	E67	02	27.5			CSO		2	3	4
9840		RAMY	02	22	1234	S12	E64	02	27.3		B	CSO	20	2	3	3
9840		HOLL	02	22	1450	S12	E63	02	27.4		B	CSO	10	2	3	3
9840	31035	MWIL	02	22	1600	S11	E63	02	27.4	4	(B)					
9840		LEAR	02	23	0011	S10	E59	02	27.4		B	CSO	50	2	3	4
9840		VORO	02	23	0115	S11	E57	02	27.3			AXX	15	1		3
9840		SVTO	02	23	0743	S12	E55	02	27.5		A	HSX	20	2	2	2
9840		KAND	02	23	0855	S11	E55	02	27.5			AX		1		2
9840		KAND	02	23	0855	S11	E55	02	27.5			AXX		1		2
9840		RAMY	02	23	1212	S12	E51	02	27.3		A	HSX	10	1		3
9840		HOLL	02	23	1545	S12	E50	02	27.4		A	AXX	10	2	2	3
9840	31035	MWIL	02	23	1600	S11	E48	02	27.3	4	(B)					
9840		VORO	02	23	2352	S11	E45	02	27.4			AXX	11	1		3
9840		LEAR	02	24	0022	S09	E45	02	27.4		A	HSX	30	1	1	3
9840		SVTO	02	24	0815	S13	E40	02	27.4		A	HSX	10	1	1	3
9840	31035	MWIL	02	24	1600	S11	E36	02	27.4	3	(AF)					
9840		RAMY	02	25	1300	S10	E25	02	27.4		A	AXX		1		2
9840		HOLL	02	25	1525	S12	E24	02	27.4		A	HSX	10	3	2	3
9840	31035	MWIL	02	25	1530	S11	E24	02	27.4	3	(AF)					

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9840		VORO	02	25	2354	S11	E19	02	27.4			AXX	1	1		2
9840		SVTO	03	02	0915	S14	W44	02	27.2		A	AXX	10	1		2
9840	31056	MWIL	03	02	1530	S14	W47	02	27.2	4	(AP)					
9840		HOLL	03	02	1600	S14	W48	02	27.1		A	AXX		1	1	2
9840		KAND	03	03	0835	S18	W57	02	27.1			BXO		3	4	3
9840		RAMY	03	03	1302	S15	W58	02	27.2		B	CSO	20	4	4	2
9840		HOLL	03	03	1535	S16	W60	02	27.2		B	BXO	10	4	4	3
9840		LEAR	03	04	0015	S19	W64	02	27.2		B	CAO	60	5	5	4
9840		TACH	03	04	0554	S18	W67	02	27.2			AXX	10	1	1	3
9843		KAND	02	22	1125	S28	E67	02	27.7			AX		3	1	4
9843		KAND	02	22	1125	S28	E67	02	27.7			AXX		3	1	4
9843		RAMY	02	22	1234	S27	E64	02	27.5		A	AXX	20	3	2	3
9843		HOLL	02	22	1450	S26	E63	02	27.5		A	AXX	10	3	2	3
9843	31040	MWIL	02	22	1600	S27	E63	02	27.6	4	(AP)					
9843		LEAR	02	23	0011	S25	E59	02	27.6		B	CRO	60	5	3	4
9843		VORO	02	23	0115	S26	E57	02	27.5			AXX	12	1		3
9843		SVTO	02	23	0743	S28	E54	02	27.5		B	DRO	20	4	4	2
9843		KAND	02	23	0855	S26	E55	02	27.6			BXO		2	2	2
9843		RAMY	02	23	1212	S27	E51	02	27.5		B	DSO	20	2	4	3
9843		HOLL	02	23	1545	S26	E51	02	27.6		B	CAO	60	3	4	3
9843	31040	MWIL	02	23	1600	S26	E50	02	27.5	3	(B)					
9843		LEAR	02	24	0022	S25	E45	02	27.5		B	CRO	20	2	6	3
9843	31040	MWIL	02	24	1600	S25	E33	02	27.2	3	(AP)					
9843		LEAR	02	25	0010	S25	E29	02	27.2		B	BXO	10	2	3	4
9843		SVTO	02	25	0900	S26	E27	02	27.5		B	DSO	50	5	4	3
9843		RAMY	02	25	1300	S26	E25	02	27.5		B	DSO	10	5	4	2
9843		HOLL	02	25	1525	S26	E23	02	27.4		B	CSO	20	5	5	3
9843	31040	MWIL	02	25	1530	S26	E23	02	27.4	4	(B)					
9843		VORO	02	25	2354	S26	E18	02	27.4			BXO	14	2	2	2
9843		LEAR	02	26	0310	S25	E17	02	27.4		B	CAO	20	7	5	3
9843		SVTO	02	26	0755	S26	E14	02	27.4		B	CRO	40	7	5	3
9843		KAND	02	26	0820	S26	E13	02	27.3			BXO		6	4	3
9843		RAMY	02	26	1450	S26	E11	02	27.5		B	CSO	20	8	5	2
9843		HOLL	02	26	1530	S26	E09	02	27.3		B	CAO	60	8	6	2
9843	31040	MWIL	02	26	1600	S27	E10	02	27.4	4	(B)					
9843		VORO	02	26	2338	S27	E07	02	27.5			BXI	28	4	5	3
9843		SVTO	02	27	0814	S26	W01	02	27.3		B	BXO	10	8	3	2
9843		KAND	02	27	1155	S26	E00	02	27.5			BXO		8	5	1
9843		RAMY	02	27	1230	S26	W01	02	27.4		B	DSO	10	13	7	4
9843	31040	MWIL	02	27	1800	S26	W04	02	27.4	4	B					
9843		HOLL	02	27	1820	S26	W05	02	27.4		B	DAO	60	6	6	2
9843		VORO	02	27	2347	S27	W07	02	27.4			BXI	32	10	6	3
9843		LEAR	02	28	0120	S27	W07	02	27.5		BG	DRI	30	13	7	2
9843		TACH	02	28	0511	S22	W12	02	27.3			BRO	26	3	5	2
9843		SVTO	02	28	0750	S26	W13	02	27.3		B	DAO	80	10	8	3
9843		KAND	02	28	1350	S27	W15	02	27.4			DAO		9	8	3
9843		RAMY	02	28	1505	S26	W16	02	27.4		B	DSO	70	13	8	2
9843	31040	MWIL	02	28	1600	S26	W16	02	27.4	4	(B)					
9843		VORO	02	28	2337	S26	W20	02	27.4			BXI	48	11	8	3
9843		LEAR	03	01	0400	S26	W23	02	27.5		B	DAO	70	14	9	2
9843		KAND	03	01	0845	S25	W25	02	27.5			DSO		10	8	5
9843		HOLL	03	01	1530	S26	W28	02	27.6		B	DAI	120	12	9	2
9843	31040	MWIL	03	01	1600	S26	W30	02	27.4	4	(B)					
9843		RAMY	03	01	1602	S26	W30	02	27.4		B	DSO	140	7	8	2
9843		VORO	03	01	2313	S26	W35	02	27.3			CAI	177	6	7	2
9843		LEAR	03	02	0030	S27	W35	02	27.4		B	DAO	110	16	9	3
9843		KAND	03	02	0800	S25	W38	02	27.5			DSO		4	8	3
9843		SVTO	03	02	0915	S26	W38	02	27.5		B	DAO	120	10	7	2
9843		RAMY	03	02	1325	S25	W43	02	27.3		B	DSO	50	10	9	4
9843	31040	MWIL	03	02	1530	S26	W43	02	27.4	4	(B)					
9843		HOLL	03	02	1600	S25	W45	02	27.3		B	DAI	180	10	10	2
9843		VORO	03	03	0105	S26	W49	02	27.3			CAI	187	8	9	2
9843		KAND	03	03	0835	S26	W51	02	27.5			CSO		5	9	3
9843		RAMY	03	03	1302	S25	W55	02	27.4		B	DAO	40	7	10	2
9843	31040	MWIL	03	03	1530	S25	W55	02	27.5	4	(B)					
9843		HOLL	03	03	1535	S25	W55	02	27.5		B	DAO	60	7	9	3
9843		VORO	03	03	2305	S21	W60	02	27.5			CAI	97	8	15	2
9843		LEAR	03	04	0015	S27	W59	02	27.5		B	DSO	90	6	8	4

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9843		TACH	03	04	0554	S25	W58	02	27.8			BRO	32	5	7	3
9843		RAMY	03	04	1152	S24	W66	02	27.5		B	DSO	70	3	8	2
9843		HOLL	03	04	1530	S25	W68	02	27.5		A	HSX	40	1	2	2
9843	31040	MWIL	03	04	1530	S26	W64	02	27.8	4	(AF)					
9843		LEAR	03	05	0010	S26	W68	02	27.8		A	HSX	10	1	1	4
9843		VORO	03	05	0425	S27	W70	02	27.8			AXX	37	3		2
9843		TACH	03	05	0529	S26	W69	02	28.0			AXX	5	1	1	3
9843		KAND	03	05	0730	S25	W74	02	27.7			AX		1		4
9843		RAMY	03	05	1305	S26	W76	02	27.7		A	HSX	10	1	1	3
9843		HOLL	03	05	1445	S25	W79	02	27.6		A	AXX	20	1	1	3
9843	31040	MWIL	03	05	1530	S26	W80	02	27.5	3	AF					
9848A	31057	MWIL	03	02	1530	S15	W35	02	28.0	3	(AP)					
9848A	31057	MWIL	03	03	1530	S18	W49	02	28.0	3	(B)					
9848		SVTO	02	25	0900	S20	E40	02	28.4		B	CAO	20	3	3	3
9848		RAMY	02	25	1300	S20	E39	02	28.5		B	CSO	10	5	5	2
9848		HOLL	02	25	1525	S20	E37	02	28.5		B	CSO	20	4	4	3
9848	31046	MWIL	02	25	1530	S20	E36	02	28.4	4	(BP)					
9848		VORO	02	25	2354	S20	E33	02	28.5			CAI	61	6	3	2
9848		LEAR	02	26	0310	S20	E31	02	28.5		B	DSO	40	5	4	3
9848		SVTO	02	26	0755	S20	E29	02	28.5		B	CRO	40	18	6	3
9848		KAND	02	26	0820	S20	E27	02	28.4			BXO		9	3	3
9848		RAMY	02	26	1450	S20	E25	02	28.5		B	DAO	60	9	6	2
9848		HOLL	02	26	1530	S20	E23	02	28.4		B	DAO	110	7	6	2
9848	31046	MWIL	02	26	1600	S20	E24	02	28.5	4	(BG)					
9848		VORO	02	26	2338	S20	E19	02	28.4			DAI	92	10	4	3
9848		SVTO	02	27	0814	S21	E13	02	28.3		B	DAO	70	9	5	2
9848		KAND	02	27	1155	S19	E12	02	28.4			DSO		3	4	1
9848		RAMY	02	27	1230	S20	E12	02	28.4		B	DSO	30	9	5	4
9848	31046	MWIL	02	27	1800	S20	E08	02	28.4	4	B					
9848		HOLL	02	27	1820	S20	E07	02	28.3		B	DAO	50	5	5	2
9848		VORO	02	27	2347	S21	E06	02	28.4			DAO	56	6	5	3
9848		LEAR	02	28	0120	S21	E05	02	28.4		BG	DAI	60	10	7	2
9848		TACH	02	28	0511	S17	W01	02	28.1			BRI	20	6	4	2
9848		SVTO	02	28	0750	S20	E01	02	28.4		B	DSO	40	6	6	3
9848		KAND	02	28	1350	S20	W02	02	28.4			CSO		5	5	3
9848		RAMY	02	28	1505	S19	W03	02	28.4		B	DSO	50	10	6	2
9848	31046	MWIL	02	28	1600	S20	W03	02	28.4	4	(BG)					
9848		VORO	02	28	2337	S20	W08	02	28.4			BXI	20	5	5	3
9848		LEAR	03	01	0400	S20	W11	02	28.3		B	CAO	20	5	5	2
9848		TACH	03	01	0619	S23	W14	02	28.2			DAO	99	4	5	2
9848		KAND	03	01	0845	S19	W15	02	28.2			CSO		3	4	5
9848		HOLL	03	01	1530	S20	W17	02	28.3		B	CAO	30	4	6	2
9848	31046	MWIL	03	01	1600	S20	W18	02	28.3	4	(AP)					
9848		RAMY	03	01	1602	S20	W19	02	28.2		B	CAO	30	4	9	2
9848		VORO	03	01	2313	S20	W18	02	28.6			AXX	16	1		2
9848		LEAR	03	02	0030	S19	W21	02	28.4		B	DSO	30	5	7	3
9848		KAND	03	02	0800	S18	W22	02	28.6			AX		2	2	3
9848		SVTO	03	02	0915	S19	W26	02	28.4		B	DSO	40	7	9	2
9848		RAMY	03	02	1325	S16	W30	02	28.3		B	BXO		4	9	4
9848	31046	MWIL	03	02	1530	S19	W27	02	28.6	3	(AP)					
9848		HOLL	03	02	1600	S19	W28	02	28.5		B	BXO	10	3	3	2
9848		HOLL	03	03	1535	S19	W41	02	28.5		A	AXX		1	1	3
9857		LEAR	03	04	0015	S05	W45	02	28.6		A	AXX	10	1		4
9857		TACH	03	04	0554	S04	W46	02	28.8			AXX	5	1	1	3
9857		RAMY	03	04	1152	S03	W52	02	28.6		A	AXX	10	1		2
9857	31065	MWIL	03	04	1530	S04	W54	02	28.6	4	(B)					
9857		HOLL	03	04	1530	S04	W55	02	28.5		A	AXX	10	3	2	2
9857		LEAR	03	05	0010	S05	W57	02	28.7		B	DSO	40	5	5	4
9857		SVTO	03	05	0839	S02	W66	02	28.4		A	AXX	20	2	1	3
9857		RAMY	03	05	1305	S04	W66	02	28.6		B	DSO	10	3	4	3
9857		HOLL	03	05	1445	S03	W67	02	28.6		B	BXO	40	3	4	3
9857	31065	MWIL	03	05	1530	S04	W68	02	28.6	3	(B)					
9857		LEAR	03	06	0015	S05	W70	02	28.8		B	DSO	50	2	6	2
9857		KAND	03	06	0915	S03	W80	02	28.4			AX		1		3
9847	31044	MWIL	02	23	1600	S15	E69	02	28.9	3	(AF)					

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

FEBRUARY 2002

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
9847		LEAR	02	24	0022	S12	E62	02	28.7		A	HSX	40	2	1	3
9847		VORO	02	24	0115	S14	E63	02	28.8			AXX	14	1		3
9847		SVTO	02	24	0815	S16	E58	02	28.7		B	CSO	50	4	4	3
9847		TACH	02	24	0850	S14	E53	02	28.4			BXO	3	2	4	2
9847		HOLL	02	24	1535	S15	E54	02	28.7		B	CSO	60	10	4	3
9847	31044	MWIL	02	24	1600	S14	E54	02	28.7	4	(B)					
9847		RAMY	02	24	1720	S15	E53	02	28.7		B	DSO	70	6	4	2
9847		LEAR	02	25	0010	S13	E49	02	28.7		B	DAO	80	7	6	4
9847		VORO	02	25	0153	S14	E49	02	28.8			CRO	35	2	5	1
9847		TACH	02	25	0529	S13	E41	02	28.3			BRO	70	3	5	3
9847		SVTO	02	25	0900	S14	E45	02	28.8		B	DAO	70	6	7	3
9847		RAMY	02	25	1300	S13	E42	02	28.7		B	DSO	20	7	6	2
9847		HOLL	02	25	1525	S14	E41	02	28.7		B	CSO	30	3	7	3
9847	31044	MWIL	02	25	1530	S14	E40	02	28.7	4	(B)					
9847		VORO	02	25	2354	S14	E36	02	28.7			BXO	30	4	6	2
9847		LEAR	02	26	0310	S13	E34	02	28.7		B	DSO	40	6	7	3
9847		SVTO	02	26	0755	S14	E30	02	28.6		B	CAO	50	12	7	3
9847		KAND	02	26	0820	S14	E30	02	28.6			BXO		7	6	3
9847		RAMY	02	26	1450	S13	E30	02	28.9		B	CSO	20	3	2	2
9847		HOLL	02	26	1530	S14	E29	02	28.8		A	HSX	20	1	1	2
9847	31044	MWIL	02	26	1600	S14	E27	02	28.7	4	(B)					
9847		VORO	02	26	2338	S13	E23	02	28.7			BXI	38	5	6	3
9847		SVTO	02	27	0814	S14	E20	02	28.8		B	BXO	10	5	3	2
9847		RAMY	02	27	1230	S14	E16	02	28.7		B	BXO		4	5	4
9847		HOLL	02	27	1820	S16	E09	02	28.4		A	AXX	10	1	1	2
9847		LEAR	02	28	0120	S13	E11	02	28.9		A	AXX		1		2
9847		SVTO	02	28	0750	S13	E07	02	28.8		A	AXX	10	2	1	3
9847		TACH	03	01	0619	S18	W14	02	28.2			AXX	2	1	1	2
9847		KAND	03	01	0845	S13	W08	02	28.8			BXO		3	3	5
9847		HOLL	03	01	1530	S14	W11	02	28.8		B	BXO	10	4	4	2
9847	31055	MWIL	03	01	1600	S13	W13	02	28.7	3	(AF)					
9847		KAND	03	02	0800	S12	W21	02	28.7			AX		1		3
9847		SVTO	03	02	0915	S13	W22	02	28.7		A	AXX		1		2
9847		KAND	03	06	0915	S15	W68	03	1.2			AX		1		3
9847		VORO	03	06	2252	S16	W81	02	28.8			HAX	46	1		2

Stations reporting:

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