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

AUGUST 2003

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
10423A		LEAR	08	04	0021	N07	W30	08	1.8		A	AXX	10	1		3
10423A		VORO	08	04	2145	N13	W43	08	1.7			AXX	15	1		3
10427		LEAR	08	02	0014	N03	E11	08	2.8		A	AXX	10	1	1	4
10427		HOLL	08	02	1430	N05	E03	08	2.8		B	BXO	10	6	5	3
10427	31818	MWIL	08	02	1500	N03	E02	08	2.8	3	(AP)					
10427		LEAR	08	03	0011	N04	W03	08	2.8		B	DAO	40	13	3	4
10427		VORO	08	03	0044	N04	W03	08	2.8			DRI	23	7	3	3
10427		SVTO	08	03	0600	N04	W06	08	2.8		B	DAO	50	9	5	3
10427		TACH	08	03	0640	N04	W06	08	2.8			BRI	29	5	5	4
10427		KAND	08	03	0925	N04	W09	08	2.7			DAO		8	5	4
10427		HOLL	08	03	1400	N05	W12	08	2.7		B	DSO	100	10	6	2
10427	31818	MWIL	08	03	1430	N03	W11	08	2.8	5	(B)					
10427		VORO	08	03	2136	N04	W15	08	2.8			DAI	213	9	5	3
10427		LEAR	08	04	0021	N04	W17	08	2.7		B	DAO	110	24	6	3
10427		SVTO	08	04	0553	N04	W21	08	2.7		B	DSO	110	5	8	3
10427		KAND	08	04	0720	N05	W21	08	2.7			DAO		8	7	4
10427		TACH	08	04	0837	N04	W21	08	2.8			CAO	56	4	7	3
10427	31818	MWIL	08	04	1415	N04	W25	08	2.7	5	(B)					
10427		HOLL	08	04	1418	N06	W26	08	2.6		B	DAO	110	10	8	4
10427		VORO	08	04	2145	N04	W29	08	2.7			CAO	129	8	7	3
10427		LEAR	08	05	0100	N04	W33	08	2.6		B	DAO	80	9	9	2
10427		SVTO	08	05	0547	N05	W35	08	2.6		B	DSO	80	7	9	3
10427		TACH	08	05	0609	N04	W34	08	2.7			CSO	47	4	8	4
10427		KAND	08	05	0710	N05	W35	08	2.7			DSO		7	9	3
10427		HOLL	08	05	1350	N05	W39	08	2.6		B	DAO	70	5	9	4
10427	31818	MWIL	08	05	1430	N04	W39	08	2.7	5	(B)					
10427		LEAR	08	06	0140	N05	W47	08	2.5		B	DSO	70	5	9	3
10427		KAND	08	06	0633	N05	W50	08	2.5			DAO		6	10	2
10427		SVTO	08	06	0700	N04	W50	08	2.5		B	ESO	110	7	12	3
10427	31818	MWIL	08	06	1630	N05	W56	08	2.5	5	(BP)					
10427		HOLL	08	06	1635	N05	W58	08	2.3		B	DAO	80	9	8	3
10427		LEAR	08	07	0146	N06	W61	08	2.5		B	DSO	70	5	8	2
10427		TACH	08	07	0710	N06	W66	08	2.3			HR	31	2	2	4
10427		KAND	08	07	0720	N06	W68	08	2.2			CSO		2	4	4
10427		SVTO	08	07	0835	N04	W73	08	1.9		A	AXX	10	1		3
10427	31818	MWIL	08	07	1430	N05	W69	08	2.4	5	(BP)					
10427		HOLL	08	07	1550	N06	W71	08	2.3		A	HSX	30	1	1	3
10427		LEAR	08	08	0203	N06	W79	08	2.2		A	HSX	70	1	1	3
10427		VORO	08	08	1544	N05	W79	08	2.7			HAX	26	1		2
10421		HOLL	07	27	1430	S08	E82	08	2.7		A	HAX	30	1	2	3
10421	31813	MWIL	07	27	1445	S07	E85	08	3.0	5	AP					
10421		LEAR	07	28	0020	S08	E77	08	2.8		B	CSO	90	6	5	3
10421		SVTO	07	28	0625	S08	E80	08	3.3		B	EAO	210	4	13	3
10421		TACH	07	28	0629	S07	E75	08	2.9			HSX	202	1	2	4
10421		KAND	07	28	0757	S07	E78	08	3.2			EAO		7	12	3
10421		HOLL	07	28	1447	S08	E75	08	3.2		B	EAO	420	5	13	3
10421	31813	MWIL	07	28	1600	S08	E73	08	3.1	5	(B)					
10421		LEAR	07	29	0320	S09	E67	08	3.2		BG	DAO	390	10	10	2
10421		TACH	07	29	0607	S08	E65	08	3.1			DAO	350	4	8	5
10421		SVTO	07	29	0615	S07	E65	08	3.1		B	ESO	310	11	11	3
10421		KAND	07	29	0700	S07	E65	08	3.2			EAO		12	13	4
10421		HOLL	07	29	1431	S08	E58	08	2.9		B	EAI	250	16	12	3
10421		LEAR	07	30	0232	S09	E52	08	3.0		B	EAO	290	21	11	2
10421		SVTO	07	30	0533	S08	E53	08	3.2		B	ESC	190	10	13	3
10421		TACH	07	30	0548	S08	E51	08	3.1			DSO	173	3	8	4
10421		KAND	07	30	0750	S07	E51	08	3.1			EAO		9	12	3
10421		HOLL	07	30	1410	S07	E45	08	3.0		B	EAI	170	15	12	3
10421		LEAR	07	31	0214	S08	E39	08	3.0		B	EAO	300	17	12	3
10421		TACH	07	31	0645	S08	E37	08	3.0			DAI	195	4	9	4
10421		SVTO	07	31	0732	S08	E36	08	3.0		B	EAO	180	16	11	3
10421		KAND	07	31	0815	S07	E37	08	3.1			EHO		12	12	4
10421		HOLL	07	31	1406	S08	E34	08	3.1		B	EAO	210	17	11	3
10421		LEAR	08	01	0011	S07	E27	08	3.0		B	EAO	300	22	13	3
10421		KAND	08	01	0740	S07	E23	08	3.0			EKO		21	13	3
10421		HOLL	08	01	1430	S08	E21	08	3.2		B	FKI	230	28	18	4
10421	31813	MWIL	08	01	1500	S07	E18	08	3.0	5	(B)					
10421		LEAR	08	02	0014	S08	E14	08	3.0		B	EAO	240	26	12	4

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10421		KAND	08	02	0600	S07	E10	08	3.0			EAO		17	12	3
10421		TACH	08	02	0609	S07	E11	08	3.1			CAI	119	11	10	5
10421		HOLL	08	02	1430	S08	E06	08	3.0		B	EAI	150	21	12	3
10421		SVTO	08	02	1459	S08	E04	08	2.9		B	EAO	140	8	11	3
10421	31813	MWIL	08	02	1500	S07	E03	08	2.8	5	(B)					
10421		LEAR	08	03	0011	S08	E00	08	3.0		BG	EAO	210	44	12	4
10421		VORO	08	03	0044	S06	W05	08	2.6			HHX	169	11		3
10421		VORO	08	03	0044	S09	E04	08	3.3			AXX	10	10		3
10421		SVTO	08	03	0600	S08	W03	08	3.0		B	ESO	170	12	14	3
10421		TACH	08	03	0640	S07	W08	08	2.7			CAO	93	4	1	4
10421		KAND	08	03	0925	S07	W06	08	2.9			EAO		15	15	4
10421		HOLL	08	03	1400	S08	W14	08	2.5		B	DAO	80	10	7	2
10421	31813	MWIL	08	03	1430	S07	W10	08	2.8	5	(BG)					
10421		VORO	08	03	2136	S06	W16	08	2.7			HSX	154	6		3
10421		LEAR	08	04	0021	S08	W16	08	2.8		BG	ESO	180	18	13	3
10421		SVTO	08	04	0553	S06	W22	08	2.6		B	DSO	130	2	4	3
10421		KAND	08	04	0720	S06	W22	08	2.6			CAO		4	4	4
10421		TACH	08	04	0837	S06	W22	08	2.7			HA	61	2	2	3
10421	31813	MWIL	08	04	1415	S07	W22	08	2.9	5	(BP)					
10421		HOLL	08	04	1418	S06	W26	08	2.6		B	CSO	100	10	5	4
10421		VORO	08	04	2145	S05	W26	08	3.0			CAO	168	6	7	3
10421		VORO	08	04	2145	S08	W21	08	3.3			BXO	9	3	3	3
10421		LEAR	08	05	0100	S07	W28	08	2.9		B	DSO	100	5	8	2
10421		SVTO	08	05	0547	S07	W34	08	2.7		B	CSO	130	3	4	3
10421		TACH	08	05	0609	S07	W34	08	2.7			HR	77	3	3	4
10421		KAND	08	05	0710	S06	W34	08	2.7			CSO		7	6	3
10421		HOLL	08	05	1350	S06	W38	08	2.7		B	CAO	80	5	4	4
10421	31813	MWIL	08	05	1430	S07	W36	08	2.9	5	(BP)					
10421		LEAR	08	06	0140	S06	W47	08	2.5		B	CAO	70	6	3	3
10421		KAND	08	06	0633	S07	W48	08	2.7			CSO		2	3	2
10421		SVTO	08	06	0700	S08	W48	08	2.7		B	CSO	80	3	4	3
10421	31813	MWIL	08	06	1630	S06	W53	08	2.7	5	(AP)					
10421		HOLL	08	06	1635	S06	W55	08	2.6		A	HAX	170	1	2	3
10421		LEAR	08	07	0146	S06	W60	08	2.6		A	HSX	90	1	2	2
10421		TACH	08	07	0710	S07	W62	08	2.6			HSX	55	1	2	4
10421		KAND	08	07	0720	S07	W63	08	2.6			HS		1	2	4
10421		SVTO	08	07	0835	S08	W68	08	2.2		A	HSX	50	1	2	3
10421	31813	MWIL	08	07	1430	S06	W66	08	2.7	5	(AP)					
10421		HOLL	08	07	1550	S07	W65	08	2.8		A	HSX	50	1	1	3
10421		LEAR	08	08	0203	S07	W73	08	2.6		A	HSX	90	1	2	3
10421		TACH	08	08	0606	S07	W73	08	2.8			HSX	83	1	2	4
10421		SVTO	08	08	0630	S09	W78	08	2.4		A	HSX	60	1	3	3
10421		KAND	08	08	0825	S07	W76	08	2.6			HS		1	2	3
10421		HOLL	08	08	1420	S05	W75	08	3.0		A	HSX	30	1	1	2
10421	31813	MWIL	08	08	1430	S06	W80	08	2.6	4	(AP)					
10421		VORO	08	08	1544	S07	W74	08	3.1			HAX	96	1		2
10421A	31819	MWIL	08	02	1500	S24	E15	08	3.8	3	(AF)					
10428		LEAR	08	04	0021	N17	E02	08	4.2		B	CRO	20	4	3	3
10428	31821	MWIL	08	04	1415	N15	W05	08	4.2	4	(B)					
10428		HOLL	08	04	1418	N16	W04	08	4.3		B	BXO	20	5	3	4
10428		VORO	08	04	2145	N16	W10	08	4.1			ARX	20	3	2	3
10428		LEAR	08	05	0100	N16	W12	08	4.1		B	BXO	30	3	3	2
10428		SVTO	08	05	0547	N16	W15	08	4.1		B	DSO	60	4	4	3
10428		TACH	08	05	0609	N15	W14	08	4.2			BRO	19	4	3	4
10428		KAND	08	05	0710	N16	W15	08	4.2			BXO		8	5	3
10428		HOLL	08	05	1350	N16	W18	08	4.2		B	DSO	60	6	6	4
10428	31821	MWIL	08	05	1430	N16	W19	08	4.2	5	(B)					
10428		LEAR	08	06	0140	N16	W26	08	4.1		B	DAO	30	9	5	3
10428		KAND	08	06	0633	N15	W29	08	4.1			DAO		4	5	2
10428		SVTO	08	06	0700	N15	W29	08	4.1		B	CSO	20	7	6	3
10428	31821	MWIL	08	06	1630	N16	W33	08	4.2	4	(B)					
10428		HOLL	08	06	1635	N16	W35	08	4.0		B	BXO	10	5	5	3
10428		LEAR	08	07	0146	N15	W41	08	4.0		A	HSX	20	2	1	2
10428		TACH	08	07	0710	N15	W43	08	4.0			AXX	7	1	1	4
10428		SVTO	08	07	0835	N14	W47	08	3.8		A	AXX		1		3
10428	31821	MWIL	08	07	1430	N15	W48	08	4.0	4	(AP)					
10426		KAND	08	02	0600	S11	E41	08	5.3			BXO		4	5	3

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10426		HOLL	08	02	1430	S12	E36	08	5.3		B	CSO	10	5	4	3
10426		SVTO	08	02	1459	S13	E36	08	5.3		B	CSO	40	5	4	3
10426	31820	MWIL	08	02	1500	S13	E37	08	5.4	4	(B)					
10426		LEAR	08	03	0011	S12	E31	08	5.3		B	CAO	40	10	3	4
10426		VORO	08	03	0044	S11	E31	08	5.4			DRI	16	4	3	3
10426		SVTO	08	03	0600	S12	E28	08	5.3		B	CSO	20	6	4	3
10426		TACH	08	03	0640	S12	E28	08	5.4			BXO	14	2	4	4
10426		KAND	08	03	0925	S12	E28	08	5.5			BXO		5	6	4
10426		HOLL	08	03	1400	S12	E23	08	5.3		B	CSO	20	4	5	2
10426	31820	MWIL	08	03	1430	S13	E24	08	5.4	4	(B)					
10426		VORO	08	03	2136	S10	E17	08	5.2			AXX	13	2	1	3
10426		LEAR	08	04	0021	S12	E16	08	5.2		A	HAX	10	1	1	3
10426		SVTO	08	04	0553	S11	E13	08	5.2		A	HSX	20	1	1	3
10426		KAND	08	04	0720	S11	E12	08	5.2			AX		1	1	4
10426		TACH	08	04	0837	S10	E11	08	5.2			AXX	5	1	1	3
10426	31820	MWIL	08	04	1415	S12	E08	08	5.2	4	(AP)					
10426		HOLL	08	04	1418	S12	E07	08	5.1		A	AXX	10	1	1	4
10426		VORO	08	04	2145	S11	E04	08	5.2			BXO	11	2	3	3
10426		LEAR	08	05	0100	S12	E02	08	5.2		A	AXX	10	1	1	2
10426		SVTO	08	05	0547	S12	W02	08	5.1		A	HSX	10	1	1	3
10426		TACH	08	05	0609	S12	W02	08	5.1			AXX	2	1	1	4
10426		KAND	08	05	0710	S12	W02	08	5.1			AX		1		3
10426		HOLL	08	05	1350	S12	W06	08	5.1		A	AXX	10	1	1	4
10426	31820	MWIL	08	05	1430	S12	W05	08	5.2	4	(AP)					
10426		LEAR	08	06	0140	S12	W13	08	5.1		B	BXO	10	2	2	3
10430		HOLL	08	05	1350	S07	E18	08	6.9		A	HSX	10	1	1	4
10430	31822	MWIL	08	05	1430	S06	E18	08	6.9	4	(BP)					
10430		LEAR	08	06	0140	S07	E10	08	6.8		B	CAO	10	2	1	3
10430		LEAR	08	07	0146	S08	W05	08	6.7		B	CRO	10	4	3	2
10430	31822	MWIL	08	07	1430	S08	W11	08	6.8	4	(B)					
10430		HOLL	08	07	1550	S08	W07	08	7.1		B	BXO	10	4	1	3
10430		LEAR	08	08	0203	S08	W17	08	6.8		B	CAO	20	4	3	3
10430		TACH	08	08	0606	S08	W17	08	7.0			AR	11	2	2	4
10430		SVTO	08	08	0630	S09	W19	08	6.8		B	CSO	20	2	3	3
10430		KAND	08	08	0825	S07	W20	08	6.8			CSO		3	3	3
10430		HOLL	08	08	1420	S08	W24	08	6.8		B	BXO	10	3	4	2
10430	31822	MWIL	08	08	1430	S08	W24	08	6.8	4	(B)					
10430		VORO	08	08	1544	S08	W18	08	7.3			CRO	26	3	2	2
10430		VORO	08	08	2351	S07	W30	08	6.7			CAI	47	6	2	3
10430		LEAR	08	09	0115	S08	W30	08	6.8		B	DAO	50	6	4	2
10430		TACH	08	09	0535	S08	W32	08	6.8			BXO	21	2	3	4
10430		SVTO	08	09	0610	S09	W34	08	6.7		B	DRO	40	3	3	3
10430		KAND	08	09	0645	S08	W33	08	6.8			BXO		6	4	3
10430	31822	MWIL	08	09	1445	S08	W38	08	6.8	5	(B)					
10430		HOLL	08	09	1530	S08	W39	08	6.7		B	DSO	30	5	4	3
10430		VORO	08	09	2325	S07	W42	08	6.8			CRO	29	3	2	3
10430		LEAR	08	10	0025	S07	W43	08	6.8		B	DAO	40	5	5	3
10430		TACH	08	10	0519	S09	W46	08	6.8			BXO	27	2	3	4
10430		SVTO	08	10	0538	S09	W47	08	6.7		B	CRO	10	2	4	3
10430		HOLL	08	10	1415	S08	W50	08	6.8		A	HSX	30	4	3	3
10430	31822	MWIL	08	10	1430	S08	W52	08	6.7	4	(B)					
10430		VORO	08	10	2213	S07	W55	08	6.8			HRX	9	1		3
10430A		HOLL	08	11	1425	S15	W60	08	7.0		B	BXO	10	2	1	2
10430A	31825	MWIL	08	11	1615	S15	W60	08	7.1	4	(BP)					
10430A		VORO	08	11	2316	S15	W66	08	7.0			HRX	29	1		3
10430A		TACH	08	12	0537	S16	W70	08	6.9			HSX	124	1	2	4
10430A		KAND	08	12	0725	S13	W73	08	6.8			HA		2	2	4
10430A		SVTO	08	12	0830	S16	W74	08	6.7		A	HSX	30	1	2	3
10430A		HOLL	08	12	1500	S13	W78	08	6.7		B	CAO	60	3	4	3
10430A	31825	MWIL	08	12	1515	S14	W74	08	7.0	5	(B)					
10425		KAND	08	01	0740	S07	E85	08	7.7			HS		1	2	3
10425		HOLL	08	01	1430	S08	E80	08	7.6		A	HAX	120	1	2	4
10425	31816	MWIL	08	01	1500	S07	E79	08	7.5	4	(AP)					
10425		LEAR	08	02	0014	S08	E73	08	7.5		A	HSX	120	1	2	4
10425		KAND	08	02	0600	S08	E75	08	7.9			CSO		4	10	3
10425		TACH	08	02	0609	S07	E70	08	7.5			HSX	147	1	2	5

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AUGUST 2003

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
10425		HOLL	08	02	1430	S08	E65	08	7.5		B	CAO	90	4	5	3
10425		SVTO	08	02	1459	S08	E67	08	7.6		B	CSO	140	2	8	3
10425	31816	MWIL	08	02	1500	S07	E66	08	7.6	4	(BP)					
10425		LEAR	08	03	0011	S08	E63	08	7.7		B	DSO	170	16	8	4
10425		VORO	08	03	0044	S07	E59	08	7.4			HHX	165	5		3
10425		SVTO	08	03	0600	S07	E58	08	7.6		B	CSO	110	3	4	3
10425		TACH	08	03	0640	S08	E57	08	7.5			CSO	76	2	1	4
10425		KAND	08	03	0925	S08	E59	08	7.8			CSO		8	10	4
10425		HOLL	08	03	1400	S09	E55	08	7.7		B	CSO	120	11	10	2
10425	31816	MWIL	08	03	1430	S08	E54	08	7.6	5	(BP)					
10425		VORO	08	03	2136	S08	E51	08	7.7			DSI	257	8	8	3
10425		LEAR	08	04	0021	S09	E49	08	7.7		B	DAO	190	15	9	3
10425		SVTO	08	04	0553	S08	E46	08	7.7		B	DSO	260	5	9	3
10425		KAND	08	04	0720	S07	E45	08	7.7			DSO		10	9	4
10425		TACH	08	04	0837	S08	E43	08	7.6			DAO	156	5	7	3
10425	31816	MWIL	08	04	1415	S08	E41	08	7.7	5	(B)					
10425		HOLL	08	04	1418	S09	E41	08	7.7		B	DAI	270	11	9	4
10425		VORO	08	04	2145	S08	E36	08	7.6			DHI	376	12	6	3
10425		LEAR	08	05	0100	S09	E34	08	7.6		B	DAO	210	17	8	2
10425		SVTO	08	05	0547	S08	E33	08	7.7		B	DSI	250	22	9	3
10425		TACH	08	05	0609	S08	E32	08	7.6			DAI	206	8	7	4
10425		KAND	08	05	0710	S08	E32	08	7.7			DSI		19	9	3
10425		HOLL	08	05	1350	S09	E28	08	7.7		B	DAI	190	21	9	4
10425	31816	MWIL	08	05	1430	S08	E28	08	7.7	5	(B)					
10425		LEAR	08	06	0140	S09	E22	08	7.7		B	DSO	220	24	9	3
10425		KAND	08	06	0633	S08	E20	08	7.8			DAO		6	10	2
10425		SVTO	08	06	0700	S09	E19	08	7.7		B	DSO	140	14	9	3
10425	31816	MWIL	08	06	1630	S08	E14	08	7.7	6	(B)					
10425		HOLL	08	06	1635	S09	E13	08	7.7		B	DAI	200	12	9	3
10425		LEAR	08	07	0146	S09	E08	08	7.7		B	DSO	180	16	8	2
10425		TACH	08	07	0710	S09	E06	08	7.7			DAI	173	6	7	4
10425		KAND	08	07	0720	S08	E05	08	7.7			DAO		6	9	4
10425		SVTO	08	07	0835	S09	E04	08	7.6		B	DSO	170	8	8	3
10425	31816	MWIL	08	07	1430	S08	E02	08	7.7	5	(B)					
10425		HOLL	08	07	1550	S09	E01	08	7.7		B	DSI	170	24	10	3
10425		LEAR	08	08	0203	S09	W05	08	7.7		B	DAO	200	25	8	3
10425		TACH	08	08	0606	S10	W07	08	7.7			DSI	162	4	7	4
10425		SVTO	08	08	0630	S09	W07	08	7.7		B	DSO	210	4	8	3
10425		KAND	08	08	0825	S08	W09	08	7.7			DSO		8	7	3
10425		HOLL	08	08	1420	S09	W12	08	7.7		B	DSO	120	10	8	2
10425	31816	MWIL	08	08	1430	S09	W12	08	7.7	5	(B)					
10425		VORO	08	08	1544	S08	W06	08	8.2			DHI	245	8	6	2
10425		VORO	08	08	2351	S08	W17	08	7.7			DSI	189	5	6	3
10425		LEAR	08	09	0115	S09	W18	08	7.7		B	DSO	150	13	8	2
10425		TACH	08	09	0535	S09	W20	08	7.7			DSI	154	6	5	4
10425		SVTO	08	09	0610	S09	W21	08	7.7		B	DSO	140	4	9	3
10425		KAND	08	09	0645	S08	W21	08	7.7			DSO		6	7	3
10425	31816	MWIL	08	09	1445	S09	W25	08	7.7	5	(BP)					
10425		HOLL	08	09	1530	S09	W28	08	7.5		B	DAO	140	12	8	3
10425		VORO	08	09	2325	S08	W30	08	7.7			DHI	188	6	5	3
10425		LEAR	08	10	0025	S09	W31	08	7.7		B	DSO	150	11	7	3
10425		TACH	08	10	0519	S09	W33	08	7.7			CAO	174	4	6	4
10425		SVTO	08	10	0538	S09	W34	08	7.7		B	CSO	110	3	8	3
10425		HOLL	08	10	1415	S09	W38	08	7.7		B	DAO	120	9	7	3
10425	31816	MWIL	08	10	1430	S09	W38	08	7.7	5	(B)					
10425		VORO	08	10	2213	S08	W42	08	7.8			DSO	116	3	5	3
10425		LEAR	08	11	0540	S07	W50	08	7.5		B	CSO	30	2	2	1
10425		KAND	08	11	0610	S08	W48	08	7.6			CSO		2	6	4
10425		SVTO	08	11	0655	S10	W48	08	7.7		B	CSO	130	3	9	3
10425		TACH	08	11	0806	S08	W48	08	7.7			CSO	73	2	6	4
10425		HOLL	08	11	1425	S08	W51	08	7.8		B	CAO	80	3	9	2
10425	31816	MWIL	08	11	1615	S08	W52	08	7.8	5	(BP)					
10425		VORO	08	11	2316	S07	W59	08	7.5			HAX	112	1		3
10425		LEAR	08	12	0150	S06	W61	08	7.5		B	BXO	40	2	2	2
10425		TACH	08	12	0537	S10	W62	08	7.6			AR	20	2	2	4
10425		KAND	08	12	0725	S06	W65	08	7.4			HA		2	2	4
10425		SVTO	08	12	0830	S08	W67	08	7.3		A	HSX	90	3	2	3
10425		HOLL	08	12	1500	S07	W69	08	7.4		B	DAO	70	4	2	3
10425	31816	MWIL	08	12	1515	S06	W68	08	7.5	5	(AP)					

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10425		VORO	08	12	2156	S06	W71	08	7.6			HAX	107	2		3
10425		LEAR	08	13	0105	S05	W75	08	7.4		B	DAI	120	2	3	2
10425		TACH	08	13	0607	S06	W77	08	7.5			HSX	47	1	2	4
10425		KAND	08	13	0625	S05	W76	08	7.6			CAO		2	3	4
10424		HOLL	08	01	1430	S18	E82	08	7.8		B	DAO	120	2	6	4
10424	31817	MWIL	08	01	1500	S17	E79	08	7.6	5	AP					
10424		LEAR	08	02	0014	S18	E75	08	7.7		B	DAI	200	5	9	4
10424		KAND	08	02	0600	S18	E79	08	8.3			EAO		4	13	3
10424		TACH	08	02	0609	S17	E76	08	8.0			DAO	247	4	8	5
10424		HOLL	08	02	1430	S18	E71	08	8.0		B	DKI	360	8	9	3
10424		SVTO	08	02	1459	S19	E69	08	7.9		B	EKO	390	4	13	3
10424	31817	MWIL	08	02	1500	S17	E70	08	7.9	5	(B)					
10424		LEAR	08	03	0011	S19	E65	08	8.0		BG	DKI	620	24	10	4
10424		VORO	08	03	0044	S17	E64	08	7.9			DKI	741	6	6	3
10424		SVTO	08	03	0600	S17	E62	08	8.0		B	EKO	540	6	12	3
10424		TACH	08	03	0640	S17	E60	08	7.8			DAO	534	4	8	4
10424		KAND	08	03	0925	S18	E61	08	8.0			EKI		13	12	4
10424		HOLL	08	03	1400	S19	E56	08	7.8		BG	DKI	580	15	9	2
10424	31817	MWIL	08	03	1430	S18	E58	08	8.0	5	(B)					
10424		VORO	08	03	2136	S17	E53	08	7.9			DKC	969	20	7	3
10424		LEAR	08	04	0021	S19	E52	08	8.0		B	DKI	700	26	10	3
10424		SVTO	08	04	0553	S18	E48	08	7.9		BG	EHO	780	5	11	3
10424		KAND	08	04	0720	S17	E49	08	8.0			DKI		14	10	4
10424		TACH	08	04	0837	S18	E47	08	7.9			DAI	513	7	6	3
10424	31817	MWIL	08	04	1415	S18	E44	08	7.9	5	(D)					
10424		HOLL	08	04	1418	S18	E44	08	7.9		BG	EKI	710	18	11	4
10424		VORO	08	04	2145	S18	E40	08	7.9			DKC	1024	18	7	3
10424		LEAR	08	05	0100	S18	E38	08	7.9		BG	EKI	630	15	11	2
10424		SVTO	08	05	0547	S17	E35	08	7.9		BG	EKO	820	15	11	3
10424		TACH	08	05	0609	S18	E36	08	8.0			DAO	737	8	6	4
10424		KAND	08	05	0710	S17	E35	08	7.9			DKO		23	10	3
10424		HOLL	08	05	1350	S18	E31	08	7.9		BG	EKI	700	19	11	4
10424	31817	MWIL	08	05	1430	S18	E31	08	8.0	6	(D)					
10424		LEAR	08	06	0140	S19	E24	08	7.9		BGD	EKC	760	34	11	3
10424		KAND	08	06	0633	S18	E23	08	8.0			EKO		13	11	2
10424		SVTO	08	06	0700	S18	E24	08	8.1		B	EKI	850	26	12	3
10424	31817	MWIL	08	06	1630	S17	E17	08	8.0	5	(BG)					
10424		HOLL	08	06	1635	S18	E16	08	7.9		BGD	EKC	680	31	11	3
10424		LEAR	08	07	0146	S18	E11	08	7.9		BD	DKC	640	28	10	2
10424		TACH	08	07	0710	S18	E10	08	8.1			DAI	652	8	6	4
10424		KAND	08	07	0720	S18	E09	08	8.0			EKO		13	11	4
10424		SVTO	08	07	0835	S18	E07	08	7.9		BG	EKI	770	13	11	3
10424	31817	MWIL	08	07	1430	S17	E05	08	8.0	5	(BG)					
10424		HOLL	08	07	1550	S19	E04	08	8.0		BGD	DKI	690	25	10	3
10424		LEAR	08	08	0203	S18	W02	08	7.9		BD	DKC	590	41	9	3
10424		TACH	08	08	0606	S18	W03	08	8.0			DKI	645	7	6	4
10424		SVTO	08	08	0630	S19	W04	08	8.0		BG	EKC	790	8	12	3
10424		KAND	08	08	0825	S18	W05	08	8.0			DKC		11	10	3
10424		HOLL	08	08	1420	S18	W09	08	7.9		BG	DKI	540	24	10	2
10424	31817	MWIL	08	08	1430	S17	W08	08	8.0	5	(BG)					
10424		VORO	08	08	1544	S17	W02	08	8.5			DKC	962	15	6	2
10424		VORO	08	08	2351	S17	W14	08	7.9			DKC	870	16	8	3
10424		LEAR	08	09	0115	S18	W15	08	7.9		BG	EKC	690	22	11	2
10424		TACH	08	09	0535	S18	W16	08	8.0			DKI	621	10	7	4
10424		SVTO	08	09	0610	S18	W18	08	7.9		BG	EKC	670	9	12	3
10424		KAND	08	09	0645	S18	W18	08	7.9			EKC		11	11	3
10424	31817	MWIL	08	09	1445	S18	W23	08	7.9	5	(D)					
10424		HOLL	08	09	1530	S17	W25	08	7.7		BG	EKC	650	45	11	3
10424		VORO	08	09	2325	S17	W27	08	7.9			DKC	867	25	9	3
10424		LEAR	08	10	0025	S18	W29	08	7.8		BG	DKC	470	24	10	3
10424		TACH	08	10	0519	S18	W29	08	8.0			DKI	696	9	8	4
10424		SVTO	08	10	0538	S19	W32	08	7.8		BG	EAC	380	13	12	3
10424		HOLL	08	10	1415	S18	W36	08	7.8		BG	EKC	510	27	12	3
10424	31817	MWIL	08	10	1430	S18	W36	08	7.9	5	(B)					
10424		VORO	08	10	2213	S17	W40	08	7.9			DKI	665	25	11	3
10424		LEAR	08	11	0540	S18	W45	08	7.8		BG	EKC	340	13	12	1
10424		KAND	08	11	0610	S19	W45	08	7.8			EKO		17	13	4
10424		SVTO	08	11	0655	S20	W47	08	7.7		BG	EAI	450	19	12	3

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10424		TACH	08	11	0806	S18	W46	08	7.8			EAI	546	10	11	4
10424		HOLL	08	11	1425	S18	W51	08	7.7		BG	EKI	330	29	12	2
10424	31817	MWIL	08	11	1615	S18	W50	08	7.9	5	(BG)					
10424		VORO	08	11	2316	S17	W54	08	7.9			DKI	402	11	11	3
10424		LEAR	08	12	0150	S16	W61	08	7.4		BGD	FKC	280	16	20	2
10424		TACH	08	12	0537	S20	W54	08	8.1			CAI	380	7	6	4
10424		KAND	08	12	0725	S19	W61	08	7.6			EAO		9	13	4
10424		SVTO	08	12	0830	S20	W61	08	7.7		BG	CKI	430	10	14	3
10424		HOLL	08	12	1500	S16	W65	08	7.7		BG	EAI	260	15	12	3
10424	31817	MWIL	08	12	1515	S18	W63	08	7.8	5	(B)					
10424		VORO	08	12	2156	S19	W66	08	7.9			HKX	319	7		3
10424		LEAR	08	13	0105	S17	W67	08	7.9		BG	DAO	260	5	10	2
10424		TACH	08	13	0607	S19	W72	08	7.8			HR	196	2	3	4
10424		KAND	08	13	0625	S19	W71	08	7.8			CSO		4	4	4
10424		SVTO	08	13	0740	S20	W79	08	7.3		B	CAO	20	4	17	3
10424	31817	MWIL	08	13	1500	S18	W76	08	7.8	5	(AP)					
10424		HOLL	08	13	1500	S18	W78	08	7.7		B	DAO	90	5	6	4
10424		VORO	08	13	2155	S19	W78	08	8.0			HAX	101	1		3
10424		LEAR	08	14	0130	S18	W78	08	8.1		B	DAO	90	2	4	2
10424A		LEAR	08	04	0021	S13	E63	08	8.8		A	HSX	20	1	1	3
10424B		VORO	08	10	2213	N08	W17	08	9.6			AXX	2	1		3
10429		HOLL	08	05	1350	S24	E60	08	10.2		A	HSX	50	1	1	4
10429	31823	MWIL	08	05	1430	S23	E60	08	10.2	4	(B)					
10429		LEAR	08	06	0140	S25	E53	08	10.2		B	DAO	50	3	5	3
10429		KAND	08	06	0633	S23	E52	08	10.3			BXO		4	7	2
10429		SVTO	08	06	0700	S23	E53	08	10.4		B	CRO	40	4	7	3
10429	31823	MWIL	08	06	1630	S23	E47	08	10.3	4	(B)					
10429		HOLL	08	06	1635	S24	E48	08	10.4		B	CAO	30	10	8	3
10429		LEAR	08	07	0146	S25	E42	08	10.3		B	DAO	90	11	7	2
10429		TACH	08	07	0710	S25	E39	08	10.3			DSO	62	3	6	4
10429		KAND	08	07	0720	S23	E39	08	10.3			DAO		8	8	4
10429		SVTO	08	07	0835	S23	E38	08	10.3		B	DSO	70	4	8	3
10429	31823	MWIL	08	07	1430	S23	E35	08	10.3	5	(B)					
10429		HOLL	08	07	1550	S24	E35	08	10.4		B	DAO	110	8	8	3
10429		LEAR	08	08	0203	S24	E28	08	10.2		B	DAO	220	13	7	3
10429		TACH	08	08	0606	S24	E26	08	10.3			DAO	96	3	6	4
10429		SVTO	08	08	0630	S24	E27	08	10.3		B	DSO	130	5	8	3
10429		KAND	08	08	0825	S23	E26	08	10.3			DAO		7	9	3
10429		HOLL	08	08	1420	S23	E22	08	10.3		B	DAO	150	8	9	2
10429	31823	MWIL	08	08	1430	S23	E22	08	10.3	5	(B)					
10429		VORO	08	08	1544	S23	E27	08	10.7			DAI	280	7	7	2
10429		VORO	08	08	2351	S23	E16	08	10.2			DAO	219	8	7	3
10429		LEAR	08	09	0115	S24	E15	08	10.2		B	DAO	180	12	9	2
10429		TACH	08	09	0535	S24	E14	08	10.3			DAI	85	6	7	4
10429		SVTO	08	09	0610	S24	E14	08	10.3		B	DAO	170	5	9	3
10429		KAND	08	09	0645	S23	E14	08	10.3			DAO		7	9	3
10429	31823	MWIL	08	09	1445	S24	E09	08	10.3	5	(B)					
10429		HOLL	08	09	1530	S23	E08	08	10.3		B	DAO	130	16	8	3
10429		VORO	08	09	2325	S22	E04	08	10.3			DAI	215	10	8	3
10429		LEAR	08	10	0025	S24	E03	08	10.2		B	DAO	130	17	8	3
10429		TACH	08	10	0519	S24	E01	08	10.3			DSI	114	7	6	4
10429		SVTO	08	10	0538	S24	E02	08	10.4		B	DSO	100	8	9	3
10429		HOLL	08	10	1415	S23	E03	08	10.8		B	DAI	140	11	9	3
10429	31823	MWIL	08	10	1430	S24	W04	08	10.3	5	(BF)					
10429		VORO	08	10	2213	S23	W08	08	10.3			DAI	133	10	8	3
10429		LEAR	08	11	0540	S25	W12	08	10.3		B	DAO	70	7	9	1
10429		KAND	08	11	0610	S24	W11	08	10.4			DSO		13	10	4
10429		SVTO	08	11	0655	S25	W13	08	10.3		B	DSO	80	8	9	3
10429		TACH	08	11	0806	S24	W13	08	10.3			BRO	65	4	8	4
10429		HOLL	08	11	1425	S25	W16	08	10.4		B	DAI	70	24	9	2
10429	31823	MWIL	08	11	1615	S24	W16	08	10.4	5	(B)					
10429		VORO	08	11	2316	S23	W21	08	10.3			DAI	63	13	8	3
10429		LEAR	08	12	0150	S23	W25	08	10.2		B	DAO	80	12	9	2
10429		TACH	08	12	0537	S24	W24	08	10.4			BRI	23	9	8	4
10429		KAND	08	12	0725	S24	W25	08	10.4			CRO		11	9	4
10429		SVTO	08	12	0830	S25	W26	08	10.3		B	DSI	50	15	10	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
10429		HOLL	08	12	1500	S23	W31	08	10.2		B	DSI	60	16	9	3
10429	31823	MWIL	08	12	1515	S23	W29	08	10.4	5	(BF)					
10429		VORO	08	12	2156	S23	W33	08	10.4			CRI	78	16	8	3
10429		LEAR	08	13	0105	S22	W35	08	10.3		B	DAO	70	13	10	2
10429		TACH	08	13	0607	S23	W36	08	10.5			BRI	28	5	8	4
10429		KAND	08	13	0625	S22	W36	08	10.5			CSO		13	9	4
10429		SVTO	08	13	0740	S25	W38	08	10.4		B	BXO	30	11	9	3
10429	31823	MWIL	08	13	1500	S22	W41	08	10.5	4	(B)					
10429		HOLL	08	13	1500	S25	W42	08	10.4		B	DSO	50	19	9	4
10429		VORO	08	13	2155	S23	W45	08	10.4			CRI	35	10	7	3
10429		LEAR	08	14	0130	S23	W46	08	10.5		B	DAO	20	4	7	2
10429		TACH	08	14	0606	S25	W50	08	10.4			BRO	7	2	6	5
10429		KAND	08	14	0610	S22	W50	08	10.4			CRO		4	8	5
10429		SVTO	08	14	0617	S23	W49	08	10.5		B	BXO	40	9	6	3
10429		HOLL	08	14	1545	S23	W55	08	10.4		B	CAO	40	8	7	2
10435		LEAR	08	16	0120	S17	W29	08	13.8		A	AXX	10	1	1	3
10435		TACH	08	16	0608	S18	W31	08	13.9			AR	14	2	2	4
10435		SVTO	08	16	0620	S18	W33	08	13.7		B	CRO	10	2	2	3
10435		KAND	08	16	0840	S18	W33	08	13.8			CRO		2	3	3
10435	31829	MWIL	08	16	1600	S17	W36	08	13.9	4	(B)					
10435		HOLL	08	16	1930	S18	W41	08	13.7		B	CAO	20	5	5	1
10435		VORO	08	16	2253	S17	W41	08	13.8			DRO	21	2	3	3
10435		TACH	08	17	0425	S19	W44	08	13.8			BXO	6	2	4	3
10435		SVTO	08	17	0625	S18	W45	08	13.8		A	HRX	10	1		3
10435		KAND	08	17	0800	S17	W48	08	13.7			BXO		2	4	3
10435		LEAR	08	17	1255	S18	W44	08	14.2		B	CAO	30	5	5	3
10435	31829	MWIL	08	17	1430	S18	W49	08	13.9	4	(BP)					
10435		HOLL	08	17	1830	S17	W51	08	13.9		A	AXX	10	4	2	3
10435		VORO	08	17	2153	S17	W54	08	13.8			BXO	11	3	4	3
10435		LEAR	08	18	0104	S17	W55	08	13.9		B	DSO	20	2	2	3
10435		VORO	08	18	2319	S17	W65	08	14.0			AXX	16	2		3
10435A		KAND	08	12	0725	N15	E29	08	14.5			AX		1		4
10435A		KAND	08	14	0610	N19	E01	08	14.3			AX		1		5
10435A		HOLL	08	14	1545	N16	W04	08	14.3		A	AXX		1	1	2
10435A		HOLL	08	17	1830	N18	W43	08	14.5		A	AXX	10	1	1	3
10435B		HOLL	08	11	1425	S21	E38	08	14.5		A	AXX		1	1	2
10435C		HOLL	08	14	1545	N08	E01	08	14.7		B	BXO		2	2	2
10431	31824	MWIL	08	08	1430	S11	E83	08	14.8	5	AP					
10431		VORO	08	08	1544	S11	E78	08	14.5			DAI	105	3	5	2
10431		LEAR	08	09	0115	S12	E78	08	14.9		B	CSO	60	7	6	2
10431		TACH	08	09	0535	S12	E76	08	14.9			CAO	84	3	8	4
10431		SVTO	08	09	0610	S11	E78	08	15.1		B	CRO	60	3	6	3
10431		KAND	08	09	0645	S12	E80	08	15.3			EAO		6	11	3
10431	31824	MWIL	08	09	1445	S12	E75	08	15.3	5	(B)					
10431		HOLL	08	09	1530	S13	E73	08	15.1		B	EAI	190	8	12	3
10431		VORO	08	09	2325	S11	E67	08	15.0			DAI	268	9	10	3
10431		LEAR	08	10	0025	S13	E67	08	15.1		B	CAO	200	8	10	3
10431		TACH	08	10	0519	S12	E64	08	15.0			DAI	114	8	7	4
10431		SVTO	08	10	0538	S12	E65	08	15.1		B	ESO	200	9	11	3
10431		HOLL	08	10	1415	S13	E63	08	15.3		BG	EAC	340	31	13	3
10431	31824	MWIL	08	10	1430	S13	E60	08	15.1	5	(BD)					
10431		VORO	08	10	2213	S12	E54	08	15.0			DAI	273	24	6	3
10431		LEAR	08	11	0540	S14	E51	08	15.1		BG	EAI	200	13	12	1
10431		KAND	08	11	0610	S13	E52	08	15.2			ESI		21	11	4
10431		SVTO	08	11	0655	S13	E51	08	15.1		B	ESI	150	26	13	3
10431		TACH	08	11	0806	S14	E50	08	15.1			DAI	113	9	10	4
10431		HOLL	08	11	1425	S14	E46	08	15.1		BG	EAI	150	40	11	2
10431	31824	MWIL	08	11	1615	S14	E47	08	15.2	5	(B)					
10431		VORO	08	11	2316	S13	E41	08	15.1			DAI	175	26	4	3
10431		LEAR	08	12	0150	S14	E40	08	15.1		BG	DAC	150	25	8	2
10431		TACH	08	12	0537	S13	E39	08	15.2			DAI	103	14	8	4
10431		KAND	08	12	0725	S13	E39	08	15.2			DSI		30	9	4
10431		SVTO	08	12	0830	S13	E38	08	15.2		BG	DSI	130	21	10	3
10431		HOLL	08	12	1500	S14	E33	08	15.1		BG	EAI	120	45	13	3

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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
10431	31824	MWIL	08	12	1515	S13	E34	08	15.2	5	(BG)					
10431		VORO	08	12	2156	S13	E29	08	15.1			DAI	240	25	4	3
10431		LEAR	08	13	0105	S12	E25	08	14.9		BG	DAO	200	20	9	2
10431		TACH	08	13	0607	S13	E24	08	15.1			CAI	163	18	8	4
10431		KAND	08	13	0625	S12	E25	08	15.1			EKO		38	11	4
10431		SVTO	08	13	0740	S13	E24	08	15.1		BG	EAC	170	30	11	3
10431	31824	MWIL	08	13	1500	S13	E21	08	15.2	5	(D)					
10431		HOLL	08	13	1500	S14	E21	08	15.2		BG	EKC	590	55	14	4
10431		VORO	08	13	2155	S13	E16	08	15.1			DKC	589	27	8	3
10431		LEAR	08	14	0130	S12	E13	08	15.0		BGD	DKC	490	36	10	2
10431		TACH	08	14	0606	S13	E11	08	15.1			DAI	348	27	8	5
10431		KAND	08	14	0610	S11	E12	08	15.1			DKI		43	10	5
10431		SVTO	08	14	0617	S11	E13	08	15.2		B	EAI	430	20	12	3
10431		HOLL	08	14	1545	S07	E06	08	15.1		B	EKI	520	51	12	2
10431		VORO	08	14	2149	S11	E02	08	15.0			DKC	667	38	8	3
10431		LEAR	08	15	0110	S11	W01	08	15.0		BGD	DAC	500	42	10	2
10431		TACH	08	15	0547	S12	W02	08	15.1			DAI	493	21	8	5
10431		SVTO	08	15	0615	S11	W03	08	15.0		B	EAC	460	32	14	3
10431		KAND	08	15	0655	S10	W03	08	15.1			DAC		58	10	3
10431	31824	MWIL	08	15	1500	S11	W08	08	15.0	5	(D)					
10431		HOLL	08	15	1635	S11	W10	08	14.9		B	EKI	450	60	12	1
10431		VORO	08	15	2204	S10	W13	08	14.9			DKI	531	45	7	3
10431		LEAR	08	16	0120	S12	W14	08	15.0		BGD	EAC	400	41	11	3
10431		TACH	08	16	0608	S11	W17	08	15.0			DAI	238	19	8	4
10431		SVTO	08	16	0620	S11	W17	08	15.0		BG	ESC	390	29	14	3
10431		KAND	08	16	0840	S10	W19	08	14.9			EAC		42	11	3
10431	31824	MWIL	08	16	1600	S11	W22	08	15.0	5	(D)					
10431		HOLL	08	16	1930	S13	W25	08	14.9		B	EKI	350	55	12	1
10431		VORO	08	16	2253	S11	W27	08	14.9			DKI	560	34	8	3
10431		TACH	08	17	0425	S12	W30	08	14.9			DAI	151	8	9	3
10431		SVTO	08	17	0625	S10	W31	08	14.9		BG	ESC	360	22	13	3
10431		KAND	08	17	0800	S10	W31	08	15.0			EAO		29	11	3
10431		LEAR	08	17	1255	S10	W28	08	15.4		BGD	DKI	390	52	10	3
10431	31824	MWIL	08	17	1430	S11	W35	08	15.0	5	(BG)					
10431		HOLL	08	17	1830	S10	W35	08	15.1		BG	EAI	340	50	11	3
10431		VORO	08	17	2153	S11	W39	08	15.0			DAI	541	28	9	3
10431		LEAR	08	18	0104	S09	W42	08	14.9		BG	DAI	200	46	10	3
10431		TACH	08	18	0606	S12	W43	08	15.0			DAI	147	19	9	4
10431		SVTO	08	18	0620	S16	W42	08	15.1		B	EAI	150	33	17	3
10431		KAND	08	18	0700	S10	W44	08	15.0			EAI		27	12	3
10431	31824	MWIL	08	18	1430	S11	W49	08	14.9	5	(BG)					
10431		VORO	08	18	2319	S11	W53	08	15.0			DAI	283	18	9	3
10431		LEAR	08	19	0215	S11	W56	08	14.9		BG	EAI	160	12	13	2
10431		TACH	08	19	0521	S11	W57	08	14.9			DAI	205	7	9	4
10431		SVTO	08	19	0630	S11	W58	08	14.9		B	EAO	170	12	13	3
10431		KAND	08	19	0740	S10	W59	08	14.9			DAO		3	10	2
10431	31824	MWIL	08	19	1430	S11	W62	08	14.9	4	(BG)					
10431		HOLL	08	19	1504	S11	W63	08	14.9		BG	EAI	200	13	13	3
10431		LEAR	08	20	0105	S11	W67	08	15.0		BG	EAI	100	6	12	2
10431		VORO	08	20	0457	S11	W69	08	15.0			DAI	252	8	9	2
10431		SVTO	08	20	0626	S11	W68	08	15.1		A	HSX	180	1	4	3
10431	31824	MWIL	08	20	1430	S11	W75	08	15.0	4	(BG)					
10431		HOLL	08	20	1535	S08	W80	08	14.6		B	CSO	30	4	2	3
10431A		KAND	08	14	0610	N16	E13	08	15.2			AX		1		5
10434		KAND	08	13	0625	S22	E40	08	16.3			AX		1		4
10434		LEAR	08	14	0130	S23	E28	08	16.2		A	HRX	10	1	1	2
10434		KAND	08	14	0610	S22	E26	08	16.2			CRO		2	3	5
10434		SVTO	08	14	0617	S23	E27	08	16.3		A	AXX		1		3
10434		VORO	08	14	2149	S24	E18	08	16.3			AXX	5	1		3
10434		LEAR	08	15	0110	S19	E12	08	16.0		B	CSO	10	3	2	2
10434		SVTO	08	15	0615	S19	E10	08	16.0		B	CSO	20	3	4	3
10434		KAND	08	15	0655	S23	E13	08	16.3			AX		1		3
10434	31827	MWIL	08	15	1500	S23	E07	08	16.2	4	(B)					
10434		VORO	08	15	2204	S23	E03	08	16.1			CRO	29	2	3	3
10434		LEAR	08	16	0120	S22	E01	08	16.1		B	DSO	20	4	2	3
10434		SVTO	08	16	0620	S24	W01	08	16.2		B	DRO	20	3	5	3
10434		KAND	08	16	0840	S22	W02	08	16.2			CRO		2	4	3

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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
10434	31827	MWIL	08	16	1600	S23	W06	08	16.2	4	(B)					
10434		VORO	08	16	2253	S22	W10	08	16.2			CRO	18	2	3	3
10434		SVTO	08	17	0625	S21	W11	08	16.4		B	CRO	20	2	6	3
10434		KAND	08	17	0800	S22	W13	08	16.3			BXO		2	2	3
10434		LEAR	08	17	1255	S23	W12	08	16.6		B	BXO	10	2	4	3
10434	31827	MWIL	08	17	1430	S23	W17	08	16.3	4	(AF)					
10434		HOLL	08	17	1830	S19	W16	08	16.5		A	HSX	20	1	1	3
10434		VORO	08	17	2153	S23	W21	08	16.3			AXX	5	1		3
10434		SVTO	08	18	0620	S20	W22	08	16.6		A	HRX	10	1	1	3
10434		HOLL	08	19	1504	S19	W42	08	16.4		A	HSX	10	1	1	3
10434		HOLL	08	20	1535	S20	W54	08	16.5		A	AXX		1	1	3
10433		TACH	08	13	0607	S21	E37	08	16.1			AXX	4	1	1	4
10433		TACH	08	14	0606	S24	E26	08	16.3			AXX	3	1	1	5
10433		VORO	08	14	2149	S19	E24	08	16.7			DRO	30	2	3	3
10433		TACH	08	15	0547	S19	E20	08	16.8			BXO	18	2	2	5
10433		KAND	08	15	0655	S19	E20	08	16.8			CSO		2	4	3
10433	31828	MWIL	08	15	1500	S20	E13	08	16.6	4	(B)					
10433		VORO	08	15	2204	S19	E09	08	16.6			HRX	12	1		3
10433		LEAR	08	16	0120	S20	E08	08	16.7		A	HXX	20	1	2	3
10433		TACH	08	16	0608	S20	E04	08	16.6			AXX	14	1	1	4
10433		TACH	08	16	0608	S24	W01	08	16.2			BRO	24	3	4	4
10433		SVTO	08	16	0620	S20	E05	08	16.6		A	HRX	10	1	1	3
10433		KAND	08	16	0840	S20	E04	08	16.7			HR		1	1	3
10433	31828	MWIL	08	16	1600	S20	W00	08	16.7	4	(AP)					
10433		VORO	08	16	2253	S19	W05	08	16.6			HRX	17	1		3
10433		TACH	08	17	0425	S20	W06	08	16.7			AXX	11	1	1	3
10433		TACH	08	17	0425	S24	W09	08	16.5			AXX	3	1	1	3
10433		SVTO	08	17	0625	S21	W08	08	16.6		A	AXX		1		3
10433		KAND	08	17	0800	S19	W09	08	16.6			AX		2	1	3
10433		LEAR	08	17	1255	S20	W07	08	17.0		A	HAX	10	1	1	3
10433	31828	MWIL	08	17	1430	S20	W14	08	16.5	4	(AP)					
10433		VORO	08	17	2153	S19	W17	08	16.6			AXX	10	1		3
10433		LEAR	08	18	0104	S19	W20	08	16.5		A	HRX	10	1	1	3
10433		TACH	08	18	0606	S20	W22	08	16.6			AXX	6	1	1	4
10433		KAND	08	18	0700	S20	W22	08	16.6			AX		1		3
10433	31828	MWIL	08	18	1430	S20	W27	08	16.5	4	(AP)					
10433		VORO	08	18	2319	S19	W31	08	16.6			AXX	9	1		3
10433		LEAR	08	19	0215	S19	W34	08	16.5		A	HRX	10	1	1	2
10433		KAND	08	19	0740	S20	W36	08	16.6			AX		1		2
10433	31828	MWIL	08	19	1430	S20	W40	08	16.5	4	(AP)					
10433		LEAR	08	20	0105	S22	W48	08	16.3		A	AXX	10	1	1	2
10433		VORO	08	20	0457	S20	W48	08	16.5			AXX	9	2		2
10433	31828	MWIL	08	20	1430	S20	W53	08	16.5	4	(AP)					
10433		VORO	08	21	0240	S19	W60	08	16.5			AXX	10	1		3
10433		LEAR	08	21	1233	S20	W60	08	16.9		A	AXX	20	1	1	3
10434A		HOLL	08	14	1545	S24	E25	08	16.6		B	BXO	10	2	8	2
10434A		HOLL	08	15	1635	S29	E14	08	16.8		B	BAO	20	2	3	1
10434A		HOLL	08	15	1635	S33	E06	08	16.2		B	BSO	30	2	3	1
10434A		HOLL	08	16	1930	S29	W01	08	16.7		B	CAO	10	2	4	1
10434A		HOLL	08	16	1930	S34	W08	08	16.2		B	CAO	10	2	5	1
10434A		HOLL	08	17	1830	S34	W20	08	16.2		A	AXX	10	1	1	3
10434B		KAND	08	17	0800	S20	E07	08	17.9			AX		1		3
10434B	31831	MWIL	08	17	1430	S21	E03	08	17.8	4	(AP)					
10434B		LEAR	08	18	0104	S21	W04	08	17.7		A	AXX	10	2	1	3
10434B		KAND	08	18	0700	S21	W05	08	17.9			BXO		3	3	3
10434B	31831	MWIL	08	18	1430	S21	W10	08	17.8	4	(B)					
10434B		VORO	08	18	2319	S21	W14	08	17.9			BRO	16	4	3	3
10434B		LEAR	08	19	0215	S21	W16	08	17.9		A	AXX	10	1	1	2
10434B		TACH	08	19	0521	S22	W16	08	18.0			AXX	6	1	1	4
10434B		SVTO	08	19	0630	S23	W17	08	18.0		A	HRX	10	1	1	3
10434B		KAND	08	19	0740	S22	W17	08	18.0			HA		1		2
10434B	31831	MWIL	08	19	1430	S22	W22	08	17.9	4	(AF)					
10434B		HOLL	08	19	1504	S22	W23	08	17.9		A	HAX	20	1	1	3
10434B		VORO	08	20	0457	S21	W28	08	18.0			AXX	20	3	2	2
10434B		SVTO	08	20	0626	S22	W30	08	18.0		A	AXX	10	1	1	3
10434C		VORO	08	17	2153	S02	E07	08	18.4			BXO	6	4	2	3

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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
10434C		LEAR	08	18	0104	S03	E04	08	18.3		A	AXX	10	1	1	3
10434C	31832	MWIL	08	18	1430	S02	W02	08	18.4	3	(AF)					
10434C		VORO	08	18	2319	S03	W06	08	18.5			AXX	4	1		3
10432		TACH	08	13	0607	S04	E77	08	19.0			AXX	23	1	1	4
10432		KAND	08	13	0625	S03	E81	08	19.3			HS		1	1	4
10432	31826	MWIL	08	13	1500	S04	E74	08	19.1	4	(AP)					
10432		HOLL	08	13	1500	S05	E75	08	19.2		A	HSX	30	1	1	4
10432		VORO	08	13	2155	S04	E69	08	19.1			HRX	31	1		3
10432		LEAR	08	14	0130	S03	E68	08	19.1		A	HSX	50	1	2	2
10432		TACH	08	14	0606	S04	E64	08	19.0			AXX	7	1	1	5
10432		KAND	08	14	0610	S03	E68	08	19.3			HS		1	1	5
10432		SVTO	08	14	0617	S03	E67	08	19.3		A	HSX	20	1	1	3
10432		HOLL	08	14	1545	S05	E61	08	19.2		A	HAX	20	1	1	2
10432		VORO	08	14	2149	S04	E56	08	19.1			HRX	27	1		3
10432		LEAR	08	15	0110	S04	E54	08	19.1		A	HSX	20	1	2	2
10432		TACH	08	15	0547	S04	E52	08	19.1			HSX	25	1	1	5
10432		SVTO	08	15	0615	S04	E53	08	19.2		A	HSX	20	1	1	3
10432		KAND	08	15	0655	S03	E53	08	19.2			HA		2	1	3
10432	31826	MWIL	08	15	1500	S04	E47	08	19.1	4	(AP)					
10432		HOLL	08	15	1635	S04	E46	08	19.1		A	HSX	20	1	1	1
10432		VORO	08	15	2204	S03	E43	08	19.1			HRX	17	1		3
10432		LEAR	08	16	0120	S04	E41	08	19.1		A	HXX	30	1	2	3
10432		TACH	08	16	0608	S04	E39	08	19.2			HSX	26	1	1	4
10432		SVTO	08	16	0620	S03	E38	08	19.1		A	HRX	10	1	1	3
10432		KAND	08	16	0840	S03	E38	08	19.2			HR		1	1	3
10432	31826	MWIL	08	16	1600	S04	E33	08	19.1	4	(AP)					
10432		HOLL	08	16	1930	S02	E31	08	19.1		A	HSX	10	1	1	1
10432		VORO	08	16	2253	S03	E29	08	19.1			HRX	24	1		3
10432		TACH	08	17	0425	S03	E27	08	19.2			AXX	9	1	1	3
10432		SVTO	08	17	0625	S04	E25	08	19.1		A	HSX	20	1	1	3
10432		KAND	08	17	0800	S03	E25	08	19.2			HS		1	1	3
10432		LEAR	08	17	1255	S04	E28	08	19.6		A	HRX	10	1	1	3
10432	31826	MWIL	08	17	1430	S03	E20	08	19.1	4	(AP)					
10432		HOLL	08	17	1830	S05	E19	08	19.2		B	CSO	20	3	3	3
10432		VORO	08	17	2153	S02	E16	08	19.1			HRX	12	1		3
10432		LEAR	08	18	0104	S03	E14	08	19.1		A	HSX	10	1	1	3
10432		TACH	08	18	0606	S03	E08	08	18.8			BXO	21	2	9	4
10432		SVTO	08	18	0620	S02	E12	08	19.2		A	HRX	20	1	1	3
10432		KAND	08	18	0700	S02	E12	08	19.2			HS		1	1	3
10432	31826	MWIL	08	18	1430	S03	E07	08	19.1	4	(AP)					
10432		VORO	08	18	2319	S02	E02	08	19.1			ARX	10	2		3
10432		LEAR	08	19	0215	S02	W01	08	19.0		A	HSX	10	1	1	2
10432		TACH	08	19	0521	S03	W02	08	19.1			AXX	5	1	1	4
10432		SVTO	08	19	0630	S03	W03	08	19.0		A	HRX	10	1	1	3
10432		KAND	08	19	0740	S02	W02	08	19.2			HR		1		2
10432	31826	MWIL	08	19	1430	S03	W06	08	19.1	4	(AP)					
10432		HOLL	08	19	1504	S03	W07	08	19.1		A	HSX	10	1	1	3
10432A	31834	MWIL	08	20	1430	S32	W19	08	19.1	4	(BP)					
10432A		HOLL	08	20	1535	S32	W20	08	19.1		B	BXX	10	5	2	3
10432A		VORO	08	21	0240	S31	W26	08	19.0			AXX	19	2		3
10432A		LEAR	08	21	1233	S31	W25	08	19.5		A	HRX	20	2	1	3
10439		VORO	08	21	0240	N08	W13	08	20.1			BRO	16	4	2	3
10439		TACH	08	21	0552	N07	W14	08	20.2			BRI	8	5	2	3
10439		SVTO	08	21	0805	N08	W16	08	20.1		B	DSO	70	4	3	3
10439		LEAR	08	21	1233	N07	W12	08	20.6		B	DSO	10	3	2	3
10439	31837	MWIL	08	21	1430	N07	W20	08	20.1	5	(B)					
10439		HOLL	08	21	1511	N08	W21	08	20.0		B	CSO	30	7	4	4
10439		LEAR	08	22	0105	N08	W26	08	20.1		B	DSO	60	3	4	2
10439		SVTO	08	22	0800	N07	W30	08	20.1		B	CSO	30	4	4	3
10439	31837	MWIL	08	22	1445	N07	W33	08	20.1	5	(B)					
10439		HOLL	08	22	1605	N08	W35	08	20.0		B	DSO	30	8	4	3
10439		VORO	08	22	2331	N07	W38	08	20.1			DAI	47	7	3	3
10439		LEAR	08	23	0115	N08	W40	08	20.0		B	DSO	50	6	5	2
10439		SVTO	08	23	0635	N05	W43	08	20.0		B	CRO	30	3	5	3
10439		HOLL	08	23	1425	N08	W45	08	20.2		B	DAO	20	9	5	3
10439	31837	MWIL	08	23	1445	N07	W46	08	20.2	4	(B)					

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10439		VORO	08	23	2137	N07	W50	08	20.1			BXO	14	4	3	3
10439		HOLL	08	24	1424	N07	W59	08	20.2		B	CSO	40	3	3	4
10439		VORO	08	24	2251	N07	W66	08	20.0			HRX	19	1		3
10439		LEAR	08	25	0105	N08	W68	08	19.9		A	HSX	30	1	1	2
10439		SVTO	08	25	0607	N06	W71	08	19.9		A	HSX	30	1	1	3
10439		TACH	08	25	0707	N06	W71	08	20.0			HSX	30	2	1	4
10439	31837	MWIL	08	25	1430	N07	W76	08	19.9	4	(AF)					
10439		HOLL	08	25	1445	N07	W75	08	20.0		A	HSX	30	1	1	3
10439A	31838	MWIL	08	22	1445	S13	W20	08	21.1	3	(AF)					
10440	31833	MWIL	08	18	1430	S06	E55	08	22.7	4	(B)					
10440		VORO	08	18	2319	S06	E49	08	22.6			AXX	11	1		3
10440	31833	MWIL	08	19	1430	S06	E41	08	22.7	4	(B)					
10440		VORO	08	20	0457	S07	E30	08	22.4			AXX	5	1		2
10440	31833	MWIL	08	20	1430	S08	E25	08	22.5	4	(B)					
10440		VORO	08	21	0240	S06	E18	08	22.4			BXI	12	5	4	3
10440		SVTO	08	21	0805	S07	E15	08	22.5		B	CSO	20	2	2	3
10440		LEAR	08	21	1233	S08	E20	08	23.0		B	BXO	10	3	4	3
10440	31833	MWIL	08	21	1430	S07	E12	08	22.5	4	(B)					
10440		HOLL	08	21	1511	S08	E11	08	22.4		B	CSO	20	8	4	4
10440		LEAR	08	22	0105	S07	E06	08	22.5		B	CSO	50	22	6	2
10440		SVTO	08	22	0800	S07	E02	08	22.5		B	DSO	80	8	6	3
10440	31833	MWIL	08	22	1445	S07	W02	08	22.5	5	(B)					
10440		HOLL	08	22	1605	S08	W02	08	22.5		B	DAI	120	17	5	3
10440		VORO	08	22	2331	S07	W07	08	22.4			DAI	134	14	4	3
10440		LEAR	08	23	0115	S08	W08	08	22.4		B	DSO	90	12	5	2
10440		SVTO	08	23	0635	S08	W11	08	22.4		B	DSO	100	7	7	3
10440		HOLL	08	23	1425	S08	W15	08	22.5		B	DAO	80	16	8	3
10440	31833	MWIL	08	23	1445	S07	W15	08	22.5	5	(B)					
10440		VORO	08	23	2137	S06	W19	08	22.5			DAI	96	10	5	3
10440		LEAR	08	24	0115	S08	W22	08	22.4		B	DSO	60	10	6	1
10440		SVTO	08	24	0724	S08	W25	08	22.4		B	DSO	60	6	7	3
10440		HOLL	08	24	1424	S07	W28	08	22.5		B	DSO	50	10	7	4
10440		VORO	08	24	2251	S07	W33	08	22.5			DRI	42	14	5	3
10440		LEAR	08	25	0105	S07	W35	08	22.4		B	DSO	30	5	6	2
10440		SVTO	08	25	0607	S08	W37	08	22.5		B	CSO	40	3	5	3
10440		TACH	08	25	0707	S08	W37	08	22.5			BRO	14	3	6	4
10440	31833	MWIL	08	25	1430	S06	W43	08	22.4	5	(B)					
10440		HOLL	08	25	1445	S07	W42	08	22.5		B	CSO	30	3	6	3
10440		VORO	08	25	2229	S07	W49	08	22.3			AXX	11	1		3
10440		LEAR	08	26	0140	S07	W52	08	22.2		A	HSX	20	1	1	4
10440		TACH	08	26	0910	S09	W56	08	22.2			AXX	5	1	1	4
10440		SVTO	08	26	1305	S08	W58	08	22.2		A	AXX	10	1		3
10440		HOLL	08	26	1825	S07	W59	08	22.3		A	AXX	10	1	1	4
10440		VORO	08	26	2138	S08	W62	08	22.2			AXX	16	1		3
10440		LEAR	08	27	0045	S07	W65	08	22.2		A	AXX	20	1	2	2
10440	31833	MWIL	08	27	1445	S07	W71	08	22.3	4	(AP)					
10436	31830	MWIL	08	16	1600	N08	E80	08	22.7	4	(AP)					
10436		HOLL	08	16	1930	N11	E80	08	22.8		A	HHX	60	1	2	1
10436		VORO	08	16	2253	N09	E75	08	22.6			HRX	75	1		3
10436		TACH	08	17	0425	N09	E75	08	22.8			HXX	27	1	2	3
10436		SVTO	08	17	0625	N06	E78	08	23.1		B	ESO	90	3	14	3
10436		KAND	08	17	0800	N09	E80	08	23.3			ESO		5	12	3
10436		LEAR	08	17	1255	N08	E75	08	23.2		B	DKO	120	2	7	3
10436	31830	MWIL	08	17	1430	N07	E74	08	23.1	4	(B)					
10436		HOLL	08	17	1830	N07	E65	08	22.6		B	CAO	80	4	4	3
10436		VORO	08	17	2153	N09	E69	08	23.1			DAI	231	7	11	3
10436		LEAR	08	18	0104	N08	E68	08	23.1		B	EAO	140	10	12	3
10436		TACH	08	18	0606	N07	E67	08	23.3			EAI	266	6	13	4
10436		SVTO	08	18	0620	N08	E66	08	23.2		B	ESO	180	10	15	3
10436		KAND	08	18	0700	N08	E66	08	23.2			FSO		8	16	3
10436	31830	MWIL	08	18	1430	N08	E60	08	23.1	5	(B)					
10436		VORO	08	18	2319	N09	E49	08	22.6			HAX	71	4		3
10436		VORO	08	18	2319	N09	E60	08	23.5			HAX	159	7	1	3
10436		LEAR	08	19	0215	N07	E53	08	23.1		B	EAO	150	8	13	2
10436		TACH	08	19	0521	N07	E50	08	23.0			EAI	178	7	12	4
10436		SVTO	08	19	0630	N09	E52	08	23.2		B	EAO	140	10	14	3

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10436		KAND	08	19	0840	N08	E51	08	23.2			CAO		10	13	2
10436	31830	MWIL	08	19	1430	N07	E47	08	23.1	5	(B)					
10436		HOLL	08	19	1504	N08	E46	08	23.1		B	EAI	180	17	14	3
10436		LEAR	08	20	0105	N05	E40	08	23.0		BG	EAO	120	16	12	2
10436		VORO	08	20	0457	N08	E39	08	23.1			DAI	177	15	11	2
10436		SVTO	08	20	0626	N09	E39	08	23.2		B	ESO	110	7	13	3
10436	31830	MWIL	08	20	1430	N07	E34	08	23.1	5	(B)					
10436		HOLL	08	20	1535	N07	E33	08	23.1		B	EKO	140	22	13	3
10436		VORO	08	21	0240	N08	E27	08	23.1			DAI	192	25	11	3
10436		TACH	08	21	0552	N07	E25	08	23.1			CAI	74	10	10	3
10436		SVTO	08	21	0805	N07	E24	08	23.1		B	ESC	210	10	13	3
10436		LEAR	08	21	1233	N08	E28	08	23.6		B	ESO	170	24	13	3
10436	31830	MWIL	08	21	1430	N07	E20	08	23.1	5	(B)					
10436		HOLL	08	21	1511	N07	E19	08	23.0		B	EAI	150	27	12	4
10436		LEAR	08	22	0105	N08	E15	08	23.2		B	EAI	220	36	13	2
10436		SVTO	08	22	0800	N07	E11	08	23.1		B	EAC	190	18	13	3
10436	31830	MWIL	08	22	1445	N07	E07	08	23.1	5	(BG)					
10436		HOLL	08	22	1605	N07	E07	08	23.2		BG	EAC	270	43	14	3
10436		VORO	08	22	2331	N07	E02	08	23.1			DSI	286	25	10	3
10436		LEAR	08	23	0115	N07	E01	08	23.1		BG	EAC	160	20	11	2
10436		SVTO	08	23	0635	N07	W03	08	23.0		B	ESC	240	13	13	3
10436		HOLL	08	23	1425	N07	W07	08	23.1		B	EAI	220	35	14	3
10436	31830	MWIL	08	23	1445	N07	W07	08	23.1	5	(B)					
10436		VORO	08	23	2137	N07	W11	08	23.1			DAI	306	20	14	3
10436		VORO	08	23	2137	N12	W13	08	22.9			BXO	8	3	3	3
10436		LEAR	08	24	0115	N07	W13	08	23.1		BG	EAC	160	17	13	1
10436		SVTO	08	24	0724	N07	W17	08	23.0		B	EAC	220	17	15	3
10436		HOLL	08	24	1424	N08	W21	08	23.0		B	FSC	210	39	16	4
10436		VORO	08	24	2251	N07	W25	08	23.1			EAI	258	28	13	3
10436		VORO	08	24	2251	N11	W24	08	23.1			AXX	9	4		3
10436		LEAR	08	25	0105	N07	W28	08	22.9		B	EAI	160	27	15	2
10436		SVTO	08	25	0607	N07	W28	08	23.1		B	ESC	200	22	15	3
10436		TACH	08	25	0707	N10	W27	08	23.3			EAI	160	15	16	4
10436	31830	MWIL	08	25	1430	N07	W33	08	23.1	5	(B)					
10436		HOLL	08	25	1445	N08	W35	08	23.0		B	FAC	180	21	16	3
10436		VORO	08	25	2229	N07	W41	08	22.9			DAI	267	20	20	3
10436		LEAR	08	26	0140	N08	W39	08	23.1		B	EAI	90	13	14	4
10436		TACH	08	26	0910	N10	W43	08	23.1			EAI	107	11	14	4
10436		SVTO	08	26	1305	N08	W46	08	23.1		B	ESO	60	6	12	3
10436		HOLL	08	26	1825	N11	W49	08	23.1		B	CAO	50	10	12	4
10436		VORO	08	26	2138	N08	W51	08	23.1			DAI	91	10	12	3
10436		LEAR	08	27	0045	N08	W54	08	23.0		BG	EAI	80	10	12	2
10436		TACH	08	27	0717	N09	W58	08	22.9			CAI	42	5	9	4
10436		SVTO	08	27	1002	N06	W60	08	22.9		B	BXO	40	5	11	3
10436	31830	MWIL	08	27	1445	N07	W60	08	23.1	4	(B)					
10436		HOLL	08	27	1556	N08	W64	08	22.9		B	BXO	10	8	4	4
10436		VORO	08	28	0002	N07	W64	08	23.2			CSO	52	7	4	3
10436		LEAR	08	28	0115	N08	W70	08	22.8		B	EAO	60	6	13	2
10436		SVTO	08	28	1002	N06	W80	08	22.4		B	CRO	60	2	2	3
10436B		HOLL	08	17	1830	N06	E78	08	23.6		A	HAX	60	6	3	3
10436A		VORO	08	20	0457	N14	E44	08	23.5			AXX	8	1		2
10436A	31835	MWIL	08	20	1430	N14	E41	08	23.7	4	(B)					
10436A		VORO	08	21	0240	N14	E31	08	23.4			AXX	3	2		3
10436A	31835	MWIL	08	21	1430	N14	E27	08	23.6	4	(B)					
10436A		HOLL	08	21	1511	N14	E26	08	23.6		B	BXO	10	4	5	4
10436A		LEAR	08	22	0105	N14	E22	08	23.7		B	BXO	20	13	3	2
10436A	31835	MWIL	08	22	1445	N13	E13	08	23.6	4	(B)					
10436A		HOLL	08	22	1605	N15	E12	08	23.6		A	AXX	10	4	2	3
10436A	31835	MWIL	08	23	1445	N14	E01	08	23.7	4	(AF)					
10436A		VORO	08	24	2251	N14	W16	08	23.7			AXX	4	4		3
10436A		LEAR	08	25	0105	N14	W18	08	23.7		B	CXO	10	2	2	2
10436A	31835	MWIL	08	25	1430	N14	W26	08	23.6	4	(AF)					
10436A		VORO	08	25	2229	N15	W30	08	23.7			AXX	5	4		3
10436A		LEAR	08	26	0140	N14	W34	08	23.5		A	AXX	10	1	1	4
10443		HOLL	08	24	1424	N22	W06	08	24.1		B	CSO	20	3	3	4
10443		VORO	08	24	2251	N22	W11	08	24.1			AXX	4	1		3

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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
10443		LEAR	08	25	0105	N23	W13	08	24.0		A	AXX	10	1	1	2
10443A		VORO	08	25	2229	S09	W11	08	25.1			AXX	4	1		3
10443A	31845	MWIL	08	28	1500	S10	W46	08	25.2	4	(B)					
10443A		HOLL	08	28	1835	S11	W48	08	25.2		A	AXX	10	3	2	3
10443A		VORO	08	28	2224	S10	W50	08	25.2			CAO	16	3	3	3
10443A		LEAR	08	29	0240	S10	W54	08	25.0		B	BXO	20	2	3	4
10443A		TACH	08	29	0540	S10	W56	08	25.0			AXX	9	1	1	5
10443A	31845	MWIL	08	29	1415	S10	W59	08	25.2	3	(B)					
10441	31836	MWIL	08	20	1430	N12	E64	08	25.4	4	(AP)					
10441		VORO	08	21	0240	N12	E57	08	25.4			CAI	44	4	3	3
10441		TACH	08	21	0552	N11	E57	08	25.5			BRO	4	3	3	3
10441		SVTO	08	21	0805	N12	E56	08	25.5		B	DSO	60	3	4	3
10441		LEAR	08	21	1233	N12	E57	08	25.8		B	DSO	30	5	4	3
10441	31836	MWIL	08	21	1430	N12	E52	08	25.5	4	(B)					
10441		HOLL	08	21	1511	N12	E50	08	25.4		B	DSO	30	4	6	4
10441		LEAR	08	22	0105	N12	E45	08	25.4		B	DSO	40	7	6	2
10441		SVTO	08	22	0800	N12	E42	08	25.5		B	DRO	30	4	5	3
10441	31836	MWIL	08	22	1445	N11	E38	08	25.5	4	(B)					
10441		HOLL	08	22	1605	N11	E36	08	25.4		B	CAO	20	10	6	3
10441		VORO	08	22	2331	N12	E32	08	25.4			CAI	80	10	4	3
10441		LEAR	08	23	0115	N11	E31	08	25.4		B	DSO	60	12	4	2
10441		SVTO	08	23	0635	N12	E29	08	25.4		B	DRO	80	12	6	3
10441		HOLL	08	23	1425	N11	E24	08	25.4		B	DSO	80	25	5	3
10441	31836	MWIL	08	23	1445	N12	E25	08	25.5	4	(B)					
10441		VORO	08	23	2137	N12	E20	08	25.4			DAI	142	19	5	3
10441		LEAR	08	24	0115	N10	E18	08	25.4		B	DSO	80	16	5	1
10441		SVTO	08	24	0724	N12	E14	08	25.4		B	DSO	90	15	8	3
10441		HOLL	08	24	1424	N12	E11	08	25.4		B	DAI	110	32	6	4
10441		VORO	08	24	2251	N11	E06	08	25.4			DRI	146	20	5	3
10441		LEAR	08	25	0105	N12	E05	08	25.4		B	DSI	90	28	7	2
10441		SVTO	08	25	0607	N12	E03	08	25.5		B	DSI	90	19	6	3
10441		TACH	08	25	0707	N11	E02	08	25.4			BRI	30	12	4	4
10441	31836	MWIL	08	25	1430	N12	W02	08	25.4	5	(B)					
10441		HOLL	08	25	1445	N12	W03	08	25.4		B	DSC	60	24	6	3
10441		VORO	08	25	2229	N13	W06	08	25.5			DAI	125	18	5	3
10441		LEAR	08	26	0140	N12	W08	08	25.5		B	DAI	100	36	7	4
10441		TACH	08	26	0910	N11	W10	08	25.6			BRI	42	13	6	4
10441		SVTO	08	26	1305	N13	W14	08	25.5		B	DAO	190	9	8	3
10441		HOLL	08	26	1825	N09	W18	08	25.4		B	DAO	70	16	6	4
10441		VORO	08	26	2138	N13	W19	08	25.5			DAI	104	17	2	3
10441		LEAR	08	27	0045	N13	W21	08	25.4		B	DAO	100	16	6	2
10441		TACH	08	27	0717	N13	W24	08	25.5			CAI	42	11	5	4
10441		SVTO	08	27	1002	N14	W27	08	25.4		B	DAO	60	13	7	3
10441	31836	MWIL	08	27	1445	N13	W28	08	25.5	4	(B)					
10441		HOLL	08	27	1556	N12	W29	08	25.5		B	DAO	120	11	7	4
10441		VORO	08	28	0002	N13	W34	08	25.4			CAI	81	11	5	3
10441		LEAR	08	28	0115	N14	W35	08	25.4		B	DAO	70	11	7	2
10441		TACH	08	28	0539	N13	W38	08	25.4			BRI	29	8	5	5
10441		SVTO	08	28	1002	N13	W38	08	25.5		B	DRO	50	9	7	3
10441	31836	MWIL	08	28	1500	N13	W43	08	25.4	4	(B)					
10441		HOLL	08	28	1835	N14	W46	08	25.3		B	CAO	20	12	8	3
10441		VORO	08	28	2224	N13	W47	08	25.4			DRI	32	8	5	3
10441		LEAR	08	29	0240	N10	W50	08	25.3		B	DSO	30	9	8	4
10441		TACH	08	29	0540	N13	W52	08	25.3			BRO	11	3	7	5
10441		SVTO	08	29	0722	N14	W57	08	25.0		A	HSX	20	1	1	3
10441	31836	MWIL	08	29	1415	N13	W57	08	25.3	4	(BP)					
10441		HOLL	08	29	1545	N12	W58	08	25.3		B	BXO	20	4	4	3
10441		LEAR	08	30	0130	N15	W68	08	24.9		A	AXX	20	1	1	4
10441B		TACH	08	28	0539	N19	W32	08	25.8			AXX	3	1	1	5
10441A		LEAR	08	26	0140	N20	E08	08	26.7		B	BXO	10	2	2	4
10441A		VORO	08	26	2138	N18	W07	08	26.4			AXX	8	1		3
10441E	31850	MWIL	08	31	1430	N23	W57	08	27.2	4	(BP)					
10441C		VORO	08	24	2251	N40	E36	08	27.9			AXX	4	1		3

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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
10442		LEAR	08	22	0105	S12	E87	08	28.6		A	HAX	60	2	3	2
10442		SVTO	08	22	0800	S12	E80	08	28.4		B	ESO	120	2	11	3
10442	31839	MWIL	08	22	1445	S13	E75	08	28.3	4	(B)					
10442		HOLL	08	22	1605	S12	E72	08	28.1		B	DAO	120	3	9	3
10442		VORO	08	22	2331	S13	E70	08	28.3			DAO	240	3	6	3
10442		LEAR	08	23	0115	S13	E66	08	28.0		BG	DAO	100	3	6	2
10442		SVTO	08	23	0635	S11	E67	08	28.3		B	DSO	190	4	9	3
10442		HOLL	08	23	1425	S12	E62	08	28.3		B	DAO	160	5	8	3
10442	31839	MWIL	08	23	1445	S12	E62	08	28.3	5	(B)					
10442		VORO	08	23	2137	S12	E57	08	28.2			DAO	221	2	6	3
10442		LEAR	08	24	0115	S14	E55	08	28.2		B	DSO	100	3	8	1
10442		SVTO	08	24	0724	S11	E53	08	28.3		B	DSO	100	6	9	3
10442		HOLL	08	24	1424	S12	E48	08	28.2		B	DAO	150	7	9	4
10442		VORO	08	24	2251	S12	E43	08	28.2			DAO	132	3	7	3
10442		LEAR	08	25	0105	S13	E42	08	28.2		B	DSO	90	3	7	2
10442		SVTO	08	25	0607	S13	E39	08	28.2		B	DAO	160	4	8	3
10442		TACH	08	25	0707	S11	E40	08	28.3			DSO	68	2	7	4
10442	31839	MWIL	08	25	1430	S12	E35	08	28.2	5	(B)					
10442		HOLL	08	25	1445	S12	E36	08	28.3		B	DAO	110	5	8	3
10442		VORO	08	25	2229	S11	E30	08	28.2			DSO	139	7	7	3
10442		LEAR	08	26	0140	S13	E27	08	28.1		B	DSO	120	5	7	4
10442		TACH	08	26	0910	S13	E24	08	28.2			CAO	81	3	8	4
10442		SVTO	08	26	1305	S12	E22	08	28.2		B	DSO	100	2	9	3
10442		HOLL	08	26	1825	S09	E21	08	28.3		B	DKO	70	9	10	4
10442		VORO	08	26	2138	S11	E17	08	28.2			DSO	148	5	8	3
10442		LEAR	08	27	0045	S13	E15	08	28.2		B	DSO	70	3	9	2
10442		TACH	08	27	0717	S12	E12	08	28.2			CAO	77	3	8	4
10442		SVTO	08	27	1002	S12	E12	08	28.3		B	CSO	110	3	10	3
10442	31839	MWIL	08	27	1445	S12	E10	08	28.4	5	(BF)					
10442		HOLL	08	27	1556	S13	E07	08	28.2		B	CAO	80	7	9	4
10442		VORO	08	28	0002	S11	E03	08	28.2			CSO	126	4	8	3
10442		LEAR	08	28	0115	S12	E02	08	28.2		B	CSO	80	4	9	2
10442		TACH	08	28	0539	S12	E05	08	28.6			CAO	79	3	2	5
10442		SVTO	08	28	1002	S13	E04	08	28.7		B	CSO	110	3	6	3
10442	31839	MWIL	08	28	1500	S13	W02	08	28.5	5	(BF)					
10442		HOLL	08	28	1835	S13	W04	08	28.5		A	HAX	60	1	2	3
10442		VORO	08	28	2224	S13	W06	08	28.5			HSX	91	2		3
10442		LEAR	08	29	0240	S13	W08	08	28.5		A	HSX	100	1	2	4
10442		TACH	08	29	0540	S12	W05	08	28.8			HSX	94	1	1	5
10442		SVTO	08	29	0722	S13	W11	08	28.5		A	HSX	100	1	4	3
10442	31839	MWIL	08	29	1415	S13	W15	08	28.5	5	(BF)					
10442		HOLL	08	29	1545	S13	W15	08	28.5		A	HAX	60	1	2	3
10442		VORO	08	29	2157	S12	W19	08	28.5			HSX	117	1		3
10442		LEAR	08	30	0130	S12	W24	08	28.2		B	DSO	90	2	6	4
10442		TACH	08	30	0449	S14	W25	08	28.3			CAO	136	3	5	4
10442		SVTO	08	30	0836	S12	W25	08	28.5		B	CSO	70	2	3	3
10442	31839	MWIL	08	30	1500	S13	W30	08	28.4	5	(BG)					
10442		HOLL	08	30	1802	S12	W32	08	28.3		B	CAO	60	3	5	2
10442		VORO	08	30	2152	S13	W32	08	28.5			HSX	84	1		3
10442		LEAR	08	31	0125	S13	W36	08	28.3		B	CSO	50	2	2	3
10442		TACH	08	31	0539	S12	W37	08	28.4			HSX	67	1	2	4
10442		SVTO	08	31	0630	S13	W38	08	28.4		A	HSX	80	1	3	3
10442	31839	MWIL	08	31	1430	S13	W42	08	28.4	5	(AF)					
10442		VORO	08	31	2150	S13	W46	08	28.4			HAX	102	1		3
10442		LEAR	09	01	0125	S12	W48	08	28.5		B	CAO	70	2	2	2
10442		SVTO	09	01	0617	S13	W53	08	28.4		B	CSO	90	4	4	3
10442	31839	MWIL	09	01	1415	S13	W55	08	28.5	5	(BP)					
10442		HOLL	09	01	1430	S13	W55	08	28.5		B	CSO	80	6	3	3
10442		LEAR	09	02	0157	S12	W63	08	28.4		A	HSX	140	1	2	4
10442		VORO	09	02	0336	S13	W63	08	28.5			HAX	92	1		2
10442		SVTO	09	02	0628	S14	W65	08	28.4		A	HSX	70	1	2	3
10442	31839	MWIL	09	02	1430	S12	W69	08	28.5	5	(AF)					
10442		HOLL	09	02	1710	S14	W71	08	28.4		A	HSX	110	1	2	2
10442		VORO	09	02	2146	S13	W72	08	28.6			HAX	208	1		2
10442		LEAR	09	03	0137	S11	W75	08	28.5		A	HSX	180	1	4	2
10442		SVTO	09	03	0635	S13	W77	08	28.6		A	HSX	60	1	2	3
10442	31839	MWIL	09	03	1445	S13	W81	08	28.6	4	(AF)					
10444		HOLL	08	23	1425	N09	E65	08	28.5		A	HSX	40	3	2	3

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10444	31840	MWIL	08	23	1445	N10	E65	08	28.5	4	(B)					
10444		VORO	08	23	2137	N11	E59	08	28.3			HRX	13	1		3
10444		LEAR	08	24	0115	N08	E58	08	28.4		B	BRO	30	2	2	1
10444		HOLL	08	24	1424	N09	E49	08	28.3		A	AXX	10	2	1	4
10444	31840	MWIL	08	25	1430	N11	E41	08	28.7	4	(B)					
10444		HOLL	08	25	1445	N12	E41	08	28.7		B	CSO	20	5	3	3
10444		VORO	08	25	2229	N11	E36	08	28.6			BXO	14	4	3	3
10444		LEAR	08	26	0140	N10	E34	08	28.6		B	BXO	10	2	3	4
10444		SVTO	08	26	1305	N10	E27	08	28.6		A	HRX	10	1		3
10444		HOLL	08	26	1825	N07	E26	08	28.7		B	DAI	90	24	7	4
10444		VORO	08	26	2138	N10	E21	08	28.5			AXX	6	5	1	3
10444		LEAR	08	27	0045	N09	E20	08	28.5		B	CAO	30	2	2	2
10444		TACH	08	27	0717	N10	E18	08	28.6			AXX	16	1	1	4
10444		SVTO	08	27	1002	N09	E14	08	28.5		B	CSO	20	4	4	3
10444	31840	MWIL	08	27	1445	N10	E12	08	28.5	4	(B)					
10444		HOLL	08	27	1556	N12	E12	08	28.6		B	CSO	40	10	8	4
10444		VORO	08	28	0002	N10	E07	08	28.5			CAI	56	11	5	3
10444		LEAR	08	28	0115	N08	E06	08	28.5		B	DSO	40	7	6	2
10444		TACH	08	28	0539	N09	E04	08	28.5			BRI	20	9	4	5
10444		SVTO	08	28	1002	N09	E04	08	28.7		B	DSO	50	9	6	3
10444	31840	MWIL	08	28	1500	N09	W01	08	28.5	4	(B)					
10444		HOLL	08	28	1835	N09	W06	08	28.3		B	DAO	70	13	7	3
10444		VORO	08	28	2224	N09	W06	08	28.5			DRI	35	6	6	3
10444		LEAR	08	29	0240	N09	W08	08	28.5		B	DSO	20	5	8	4
10444		TACH	08	29	0540	N09	W10	08	28.5			BRI	12	6	5	5
10444		SVTO	08	29	0722	N09	W12	08	28.4		B	DSO	30	7	8	3
10444	31840	MWIL	08	29	1415	N08	W15	08	28.5	4	(B)					
10444		HOLL	08	29	1545	N09	W18	08	28.3		B	CSO	20	3	8	3
10444		VORO	08	29	2157	N10	W19	08	28.5			DRI	31	6	8	3
10444		LEAR	08	30	0130	N10	W21	08	28.5		B	DSO	30	5	9	4
10444		TACH	08	30	0449	N08	W23	08	28.5			BRI	17	8	8	4
10444		SVTO	08	30	0836	N09	W25	08	28.5		B	DSO	40	3	9	3
10444	31840	MWIL	08	30	1500	N09	W29	08	28.4	4	(B)					
10444		HOLL	08	30	1802	N08	W31	08	28.4		B	DSO	50	13	9	2
10444		VORO	08	30	2152	N10	W33	08	28.4			DRI	42	9	9	3
10444		LEAR	08	31	0125	N09	W36	08	28.3		B	DSO	50	11	10	3
10444		TACH	08	31	0539	N10	W37	08	28.4			BRI	7	6	9	4
10444		SVTO	08	31	0630	N08	W37	08	28.5		B	CSO	40	8	11	3
10444	31840	MWIL	08	31	1430	N10	W42	08	28.4	4	(B)					
10444		VORO	08	31	2150	N09	W51	08	28.1			AXX	4	1		3
10444		LEAR	09	02	0157	N11	W62	08	28.5		B	CSO	20	2	2	4
10444C		TACH	09	01	0607	S14	W51	08	28.5			HA	96	2	2	4
10444C		TACH	09	02	0944	S14	W66	08	28.5			HSX	83	1	2	4
10444C		TACH	09	03	0517	S13	W76	08	28.6			HSX	59	1	2	4
10447		TACH	08	27	0717	N16	E18	08	28.7			AXX	3	1	1	4
10447	31842	MWIL	08	27	1445	N16	E12	08	28.5	4	(B)					
10447		VORO	08	28	0002	N16	E07	08	28.5			CRO	31	5	3	3
10447		LEAR	08	28	0115	N16	E05	08	28.4		B	DAO	30	5	4	2
10447		TACH	08	28	0539	N15	E04	08	28.5			BRO	7	5	3	5
10447		SVTO	08	28	1002	N16	E03	08	28.6		B	CSO	20	4	4	3
10447	31842	MWIL	08	28	1500	N16	W02	08	28.5	4	(B)					
10447		HOLL	08	28	1835	N15	W04	08	28.5		B	CSO	20	6	5	3
10447		VORO	08	28	2224	N16	W07	08	28.4			CRO	11	3	4	3
10447		LEAR	08	29	0240	N15	W08	08	28.5		B	DSO	20	5	5	4
10447		TACH	08	29	0540	N15	W11	08	28.4			BRI	11	5	5	5
10447		SVTO	08	29	0722	N15	W14	08	28.2		B	CRO	10	2	2	3
10447	31842	MWIL	08	29	1415	N15	W17	08	28.3	4	(B)					
10447		HOLL	08	29	1545	N15	W19	08	28.2		A	HSX	10	1	2	3
10447		VORO	08	29	2157	N15	W22	08	28.2			HRX	9	1		3
10447		LEAR	08	30	0130	N16	W25	08	28.2		B	BXO	10	2	2	4
10447		TACH	08	30	0449	N13	W26	08	28.2			AR	2	3	1	4
10447		SVTO	08	30	0836	N15	W28	08	28.2		A	HRX	10	2	1	3
10447	31842	MWIL	08	30	1500	N14	W29	08	28.4	4	(B)					
10447		HOLL	08	30	1802	N14	W34	08	28.2		A	HSX	10	2	2	2
10447		VORO	08	30	2152	N14	W36	08	28.2			AXX	4	4		3
10447		LEAR	08	31	0125	N15	W37	08	28.2		B	CRO	10	2	2	3
10447		TACH	08	31	0539	N15	W40	08	28.2			AXX	3	1	1	4

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AUGUST 2003

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
10447		SVTO	08	31	0630	N14	W42	08	28.1		A	AXX		1		3
10447	31842	MWIL	08	31	1430	N15	W46	08	28.1	3	(AP)					
10445		LEAR	08	25	0105	N03	E50	08	28.8		A	AXX	10	1	1	2
10445	31841	MWIL	08	25	1430	N04	E43	08	28.8	4	(B)					
10445		HOLL	08	25	1445	N04	E42	08	28.7		B	DSO	40	4	4	3
10445		VORO	08	25	2229	N04	E38	08	28.8			CAI	80	13	3	3
10445		LEAR	08	26	0140	N03	E36	08	28.7		B	DAO	30	12	5	4
10445		TACH	08	26	0910	N03	E31	08	28.7			BRI	44	9	5	4
10445		SVTO	08	26	1305	N03	E30	08	28.8		B	DAO	140	12	6	3
10445		VORO	08	26	2138	N05	E24	08	28.7			DAI	157	21	5	3
10445		LEAR	08	27	0045	N03	E22	08	28.7		B	DAO	90	11	6	2
10445		TACH	08	27	0717	N04	E19	08	28.7			BRI	49	12	6	4
10445		SVTO	08	27	1002	N04	E17	08	28.7		B	DAO	110	12	8	3
10445	31841	MWIL	08	27	1445	N03	E14	08	28.7	5	(B)					
10445		HOLL	08	27	1556	N03	E14	08	28.7		B	DSI	130	13	7	4
10445		VORO	08	28	0002	N03	E09	08	28.7			DAI	141	8	6	3
10445		LEAR	08	28	0115	N03	E07	08	28.6		B	DAO	90	6	6	2
10445		TACH	08	28	0539	N02	E05	08	28.6			BRI	32	8	6	5
10445		SVTO	08	28	1002	N02	E05	08	28.8		B	DSO	70	7	8	3
10445	31841	MWIL	08	28	1500	N03	E00	08	28.6	4	(B)					
10445		HOLL	08	28	1835	N03	W03	08	28.5		B	DAO	40	17	8	3
10445		VORO	08	28	2224	N03	W05	08	28.5			DAO	44	3	6	3
10445		LEAR	08	29	0240	N03	W08	08	28.5		B	DSO	100	9	8	4
10445		TACH	08	29	0540	N03	W09	08	28.6			BRO	20	3	6	5
10445		SVTO	08	29	0722	N03	W10	08	28.5		B	DAO	30	2	7	3
10445	31841	MWIL	08	29	1415	N03	W14	08	28.5	4	(B)					
10445		HOLL	08	29	1545	N04	W15	08	28.5		B	DAO	60	7	8	3
10445		VORO	08	29	2157	N04	W18	08	28.6			DRO	34	2	7	3
10445		LEAR	08	30	0130	N04	W20	08	28.6		B	DSO	50	4	8	4
10445		TACH	08	30	0449	N03	W22	08	28.5			BRO	16	4	7	4
10445		SVTO	08	30	0836	N03	W25	08	28.5		B	DSO	20	2	8	3
10445	31841	MWIL	08	30	1500	N03	W28	08	28.5	4	(B)					
10445		HOLL	08	30	1802	N03	W28	08	28.6		B	DSO	30	6	10	2
10445		VORO	08	30	2152	N04	W36	08	28.2			AXX	5	2		3
10445		LEAR	08	31	0125	N04	W35	08	28.4		B	DSO	20	4	8	3
10445		TACH	08	31	0539	N05	W39	08	28.3			AXX	2	1	1	4
10445		SVTO	08	31	0630	N04	W42	08	28.1		B	CSO	30	4	3	3
10445	31841	MWIL	08	31	1430	N04	W45	08	28.2	4	(AP)					
10445	31841	MWIL	09	02	1430	N03	W69	08	28.5	4	(B)					
10444D		VORO	08	26	2138	S14	E36	08	29.6			AXX	11	2	2	3
10444D		VORO	09	03	2230	S07	W69	08	29.9			HAX	45	2	3	3
10444A		LEAR	08	30	0130	N10	W05	08	29.7		A	AXX	10	1	1	4
10444B	31847	MWIL	08	28	1500	N24	E24	08	30.5	3	(B)					
10444B		HOLL	08	28	1835	N25	E21	08	30.4		A	AXX	10	1	1	3
10446		SVTO	08	26	1305	S22	E57	08	30.9		B	BXO	20	2	3	3
10446		VORO	08	26	2138	S21	E51	08	30.8			CAO	36	3	4	3
10446		LEAR	08	27	0045	S23	E50	08	30.9		B	DSO	40	2	5	2
10446		TACH	08	27	0717	S23	E46	08	30.8			BXO	29	2	6	4
10446		SVTO	08	27	1002	S21	E43	08	30.7		B	CRO	20	2	1	3
10446	31843	MWIL	08	27	1445	S22	E40	08	30.7	4	(B)					
10446		HOLL	08	27	1556	S23	E39	08	30.7		A	AXX	10	1	1	4
10446		VORO	08	28	0002	S23	E35	08	30.7			AXX	22	5	3	3
10446		LEAR	08	28	0115	S23	E33	08	30.6		B	CRO	30	2	2	2
10446		TACH	08	28	0539	S22	E32	08	30.7			AR	6	2	1	5
10446		SVTO	08	28	1002	S23	E32	08	30.9		B	CSO	30	2	2	3
10446	31843	MWIL	08	28	1500	S23	E26	08	30.6	4	(AP)					
10446		HOLL	08	28	1835	S24	E25	08	30.7		A	AXX	10	2	2	3
10446		VORO	08	28	2224	S22	E22	08	30.6			AXX	4	3		3
10452	31846	MWIL	08	28	1500	S08	E23	08	30.3	4	(B)					
10452		HOLL	08	28	1835	S09	E22	08	30.4		B	CSO	10	5	4	3
10452		VORO	08	28	2224	S08	E18	08	30.3			AXX	5	1		3
10452		LEAR	08	29	0240	S09	E16	08	30.3		A	AXX	10	1	1	4
10452		TACH	08	29	0540	S08	E15	08	30.4			AXX	3	1	1	5

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Mo	Day	Time (UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
10452	31846	MWIL	08	29	1415	S08	E10	08	30.3	3	(AF)					
10452		HOLL	08	29	1545	S09	E09	08	30.3		A	AXX	10	1	1	3
10452		HOLL	08	30	1802	S06	W02	08	30.6		A	AXX		1	1	2
10452		TACH	09	01	0607	S08	W29	08	30.2			AR	3	3	2	4
10452	31852	MWIL	09	01	1415	S08	W34	08	30.1	4	(B)					
10452		LEAR	09	02	0157	S07	W42	08	30.0		B	BXO	10	2	2	4
10452	31853	MWIL	09	03	1445	S09	W65	08	29.8	4	(B)					
10452		HOLL	09	03	1605	S07	W67	08	29.7		A	AXX	20	2	2	3
10452		LEAR	09	04	0136	S08	W73	08	29.7		B	DAO	90	3	6	3
10452		TACH	09	04	0709	S07	W73	08	29.9			AR	22	2	3	4
10452		SVTO	09	04	0835	S09	W76	08	29.7		B	DSO	60	2	6	2
10452	31853	MWIL	09	04	1430	S08	W79	08	29.8	4	(B)					
10452		HOLL	09	04	1442	S08	W78	08	29.9		A	HAX	30	1	1	4
10452B		HOLL	08	26	1825	S15	E55	08	30.9		B	CAO	20	2	4	4
10448		VORO	08	26	2138	N20	E62	08	31.6			AXX	14	1		3
10448	31844	MWIL	08	27	1445	N18	E48	08	31.3	4	(BP)					
10448		HOLL	08	27	1556	N18	E48	08	31.3		A	AXX	10	1	1	4
10448		VORO	08	28	0002	N20	E44	08	31.4			BRO	26	4	3	3
10448		LEAR	08	28	0115	N18	E44	08	31.4		B	CSO	40	4	4	2
10448		TACH	08	28	0539	N19	E41	08	31.4			BRO	11	4	4	5
10448		SVTO	08	28	1002	N19	E42	08	31.6		B	CRO	30	6	5	3
10448	31848	MWIL	08	28	1500	N16	E40	08	31.6	4	(BG)					
10448	31844	MWIL	08	28	1500	N19	E37	08	31.4	5	(B)					
10448		HOLL	08	28	1835	N19	E35	08	31.4		B	DAO	70	9	5	3
10448		VORO	08	28	2224	N20	E31	08	31.3			DAI	83	12	4	3
10448		LEAR	08	29	0240	N19	E29	08	31.3		B	DSO	90	6	5	4
10448		TACH	08	29	0540	N19	E30	08	31.5			CAI	45	7	1	5
10448		SVTO	08	29	0722	N19	E28	08	31.4		B	DAO	90	6	5	3
10448	31844	MWIL	08	29	1415	N20	E24	08	31.4	4	(B)					
10448		HOLL	08	29	1545	N20	E22	08	31.3		B	DAO	60	12	5	3
10448		VORO	08	29	2157	N20	E19	08	31.4			DAI	97	8	4	3
10448		LEAR	08	30	0130	N20	E18	08	31.4		B	DSO	100	10	6	4
10448		TACH	08	30	0449	N19	E15	08	31.3			BRI	29	7	5	4
10448		SVTO	08	30	0836	N20	E15	08	31.5		B	DSO	100	7	7	3
10448	31844	MWIL	08	30	1500	N20	E10	08	31.4	4	(B)					
10448		HOLL	08	30	1802	N20	E09	08	31.4		B	DSO	50	12	7	2
10448		VORO	08	30	2152	N20	E06	08	31.4			CRI	78	13	5	3
10448		LEAR	08	31	0125	N19	E04	08	31.4		B	DSO	60	12	6	3
10448		TACH	08	31	0539	N20	E02	08	31.4			BRI	30	7	5	4
10448		SVTO	08	31	0630	N20	E02	08	31.4		B	DAO	80	8	6	3
10448	31844	MWIL	08	31	1430	N20	W02	08	31.4	5	(B)					
10448		VORO	08	31	2150	N19	W07	08	31.4			CAI	83	7	5	3
10448		LEAR	09	01	0125	N20	W07	08	31.5		B	DAO	50	9	5	2
10448		TACH	09	01	0607	N19	W10	08	31.5			BRI	29	5	4	4
10448		SVTO	09	01	0617	N20	W12	08	31.3		B	DSO	50	6	4	3
10448	31844	MWIL	09	01	1415	N20	W15	08	31.4	4	(B)					
10448		HOLL	09	01	1430	N19	W15	08	31.4		B	DAO	20	15	7	3
10448		LEAR	09	02	0157	N20	W20	08	31.5		B	DSO	40	17	4	4
10448		VORO	09	02	0336	N20	W22	08	31.5			DRI	22	14	5	2
10448		SVTO	09	02	0628	N19	W26	08	31.3		A	AXX	20	4	2	3
10448		TACH	09	02	0944	N19	W24	08	31.6			BRI	37	5	5	4
10448	31844	MWIL	09	02	1430	N20	W28	08	31.5	4	(B)					
10448		HOLL	09	02	1710	N17	W32	08	31.3		B	CSO	20	7	6	2
10448		VORO	09	02	2146	N20	W34	08	31.3			HRX	26	1		2
10448		LEAR	09	03	0137	N20	W36	08	31.3		B	CSO	20	5	3	2
10448		TACH	09	03	0517	N19	W36	08	31.5			BXO	9	2	4	4
10448		SVTO	09	03	0635	N19	W39	08	31.3		B	CRO	20	2	4	3
10448	31844	MWIL	09	03	1445	N19	W42	08	31.4	4	(B)					
10448		HOLL	09	03	1605	N19	W43	08	31.4		A	AXX	10	6	2	3
10448		VORO	09	03	2230	N22	W46	08	31.4			BXO	13	2	4	3
10448		LEAR	09	04	0136	N19	W48	08	31.4		B	BXO	10	3	5	3
10448		TACH	09	04	0709	N20	W53	08	31.2			AXX	4	1	1	4
10448		SVTO	09	04	0835	N19	W53	08	31.3		B	BXO	20	3	4	2
10448	31844	MWIL	09	04	1430	N19	W56	08	31.3	4	(B)					
10448		HOLL	09	04	1442	N20	W57	08	31.2		A	AXX		1		4