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

APRIL 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
9884E	31115	MWIL	03	31	1500	S05	E12	04	1.5	3	(AP)					
9884E	31115	MWIL	04	01	1530	S05	W03	04	1.4	4	(AP)					
9884E	31115	MWIL	04	02	1530	S05	W16	04	1.4	4	(AP)					
9884E		VORO	04	02	2231	S06	W21	04	1.4			AXX	11	2		3
9884E		LEAR	04	03	0130	S06	W23	04	1.3		B	BXO	10	2	2	3
9884E		KAND	04	03	0805	S06	W27	04	1.3			AX		2	1	3
9884E	31115	MWIL	04	03	1530	S05	W32	04	1.2	4	(AP)					
9884E		HOLL	04	03	1820	S04	W33	04	1.3		A	AXX	10	2	1	4
9884E		VORO	04	03	2235	S06	W36	04	1.2			AXX	9	2		3
9884E		HOLL	04	04	1450	S06	W46	04	1.2		A	AXX	10	1	1	4
9884C	31109	MWIL	03	30	1600	N25	E25	04	1.6	3	(AP)					
9885		LEAR	03	27	0535	N11	E78	04	2.1		B	DAO	70	2	4	2
9885		TACH	03	27	0727	N12	E77	04	2.1			HXX	10	1	1	3
9885		SVTO	03	27	1130	N12	E77	04	2.3		B	DSO	90	3	6	2
9885		RAMY	03	27	1233	N10	E75	04	2.1		B	DAO	180	5	9	3
9885	31105	MWIL	03	27	1530	N12	E75	04	2.3	4	(B)					
9885		VORO	03	27	2253	N11	E70	04	2.2			DSI	180	3	6	3
9885		TACH	03	28	0427	N11	E63	04	1.9			DSO	190	3	8	4
9885		LEAR	03	28	0615	N11	E65	04	2.1		B	DSX	160	15	9	3
9885		SVTO	03	28	0805	N13	E64	04	2.2		B	DAO	220	8	8	2
9885		RAMY	03	28	1205	N10	E60	04	2.0		B	ESO	200	7	13	2
9885	31105	MWIL	03	28	1600	N11	E59	04	2.1	5	(B)					
9885		LEAR	03	29	0318	N11	E57	04	2.4		BG	FAI	480	24	18	4
9885		SVTO	03	29	0730	N12	E52	04	2.2		BG	EAI	320	32	13	3
9885		RAMY	03	29	1320	N12	E46	04	2.0		B	EAI	560	19	12	3
9885	31105	MWIL	03	29	1600	N12	E47	04	2.2	5	(D)					
9885		VORO	03	29	2255	N12	E41	04	2.0			DSI	683	15	9	3
9885		LEAR	03	30	0522	N11	E37	04	2.0		BGD	EKI	710	41	12	4
9885		SVTO	03	30	0820	N11	E35	04	2.0		BGD	EKI	420	22	14	3
9885		RAMY	03	30	1345	N11	E32	04	2.0		BGD	EKI	560	30	13	3
9885	31105	MWIL	03	30	1600	N11	E31	04	2.0	5	(B)					
9885		VORO	03	30	2245	N12	E27	04	2.0			DSI	815	21	11	3
9885		SVTO	03	31	0612	N10	E24	04	2.1		BGD	FKI	640	19	17	3
9885		RAMY	03	31	1207	N11	E19	04	1.9		BGD	EKI	550	20	13	2
9885	31105	MWIL	03	31	1500	N11	E19	04	2.0	5	(B)					
9885		LEAR	04	01	0026	N10	E14	04	2.1		BG	EHI	730	50	14	4
9885		VORO	04	01	0125	N13	E13	04	2.0			DKI	785	12	13	2
9885		TACH	04	01	0527	N12	E08	04	1.8			DAI	948	14	11	3
9885		SVTO	04	01	0700	N12	E08	04	1.9		BG	FKI	650	24	17	3
9885		RAMY	04	01	1143	N12	E07	04	2.0		BGD	EKI	730	20	14	3
9885	31105	MWIL	04	01	1530	N11	E05	04	2.0	5	(BG)					
9885		VORO	04	01	2233	N12	E01	04	2.0			DKI	719	42	12	3
9885		LEAR	04	02	0328	N12	W02	04	2.0		BG	FKI	510	41	16	1
9885		TACH	04	02	0447	N11	W04	04	1.9			DAI	861	11	10	3
9885		SVTO	04	02	0710	N14	W05	04	1.9		BG	FKI	590	54	17	4
9885		RAMY	04	02	1252	N13	W08	04	1.9		BG	EHO	660	14	15	2
9885	31105	MWIL	04	02	1530	N11	W08	04	2.0	5	(B)					
9885		VORO	04	02	2231	N13	W13	04	1.9			DHI	687	30	12	3
9885		LEAR	04	03	0130	N13	W14	04	2.0		BG	EKI	450	23	15	3
9885		KAND	04	03	0805	N11	W18	04	2.0			EAO		13	15	3
9885		RAMY	04	03	1215	N13	W19	04	2.1		BG	EHO	550	11	14	3
9885	31105	MWIL	04	03	1530	N11	W22	04	2.0	5	(B)					
9885		HOLL	04	03	1820	N13	W22	04	2.1		B	DHI	590	26	15	4
9885		VORO	04	03	2235	N13	W26	04	2.0			DHI	544	24	12	3
9885		LEAR	04	04	0025	N13	W26	04	2.0		B	FHI	590	37	15	2
9885		RAMY	04	04	1242	N13	W33	04	2.0		BG	EKI	520	25	15	3
9885		HOLL	04	04	1450	N12	W35	04	2.0		BG	EHI	470	24	15	4
9885	31105	MWIL	04	04	1600	N11	W35	04	2.0	5	(B)					
9885		LEAR	04	05	0040	N13	W38	04	2.2		BG	EHI	560	24	15	2
9885		RAMY	04	05	1245	N13	W46	04	2.1		BG	EKI	620	22	15	3
9885		HOLL	04	05	1504	N12	W47	04	2.1		BG	EKC	430	19	14	2
9885	31105	MWIL	04	05	2200	N12	W52	04	2.0	5	(B)					
9885		LEAR	04	06	0040	N13	W52	04	2.1		BG	EKI	400	23	15	4
9885		SVTO	04	06	0720	N13	W58	04	1.9		BG	FKI	360	20	17	3
9885		HOLL	04	06	1510	N15	W65	04	1.7		B	DAO	220	4	5	4
9885		RAMY	04	06	1915	N13	W67	04	1.7		BG	DAO	260	6	9	1
9885		LEAR	04	07	0025	N13	W67	04	2.0		B	EAO	180	5	15	3

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9885		SVTO	04	07	0618	N12	W69	04	2.1		B	DSO	210	2	7	3
9885		HOLL	04	07	1500	N13	W79	04	1.7		A	HAX	120	2	3	3
9885	31105	MWIL	04	07	1645	N12	W74	04	2.1	4	(BG)					
9885		LEAR	04	08	0127	N14	W85	04	1.6		A	HSX	120	4	3	3
9885		KAND	04	08	0720	N13	W80	04	2.3			AX		1		3
9891		LEAR	04	02	0328	S07	E00	04	2.1		B	BXO	20	5	4	1
9891		SVTO	04	02	0710	S08	E01	04	2.4		A	AXX		1		4
9891		LEAR	04	03	0130	S08	W11	04	2.2		B	BXO	10	3	3	3
9891	31118	MWIL	04	03	1530	S07	W18	04	2.3	3	(AF)					
9891		HOLL	04	03	1820	S07	W20	04	2.3		B	BXO	10	2	4	4
9886	31106	MWIL	03	28	1600	N12	E73	04	3.2	4	(AP)					
9886		SVTO	03	29	0730	N13	E66	04	3.3		B	CRO	150	10	8	3
9886		RAMY	03	29	1320	N12	E61	04	3.1		B	DAO	70	4	4	3
9886	31106	MWIL	03	29	1600	N12	E60	04	3.2	4	(B)					
9886		VORO	03	29	2255	N12	E57	04	3.2			BXO	79	4	7	3
9886		LEAR	03	30	0522	N11	E52	04	3.1		B	DAO	120	8	7	4
9886		SVTO	03	30	0820	N12	E50	04	3.1		B	DAO	50	5	8	3
9886		RAMY	03	30	1345	N12	E47	04	3.1		B	DSI	50	11	8	3
9886	31106	MWIL	03	30	1600	N11	E46	04	3.1	5	(BG)					
9886		VORO	03	30	2245	N12	E43	04	3.2			CSO	151	8	7	3
9886		SVTO	03	31	0612	N11	E39	04	3.2		B	DSO	100	10	10	3
9886		RAMY	03	31	1207	N12	E36	04	3.2		B	DAO	100	5	8	2
9886	31106	MWIL	03	31	1500	N11	E34	04	3.2	5	(BG)					
9886		LEAR	04	01	0026	N11	E29	04	3.2		BG	DAO	160	32	7	4
9886		VORO	04	01	0125	N12	E28	04	3.2			DAI	141	4	8	2
9886		TACH	04	01	0527	N12	E23	04	2.9			DAO	295	5	7	3
9886		SVTO	04	01	0700	N12	E25	04	3.2		B	EAO	240	15	11	3
9886		RAMY	04	01	1143	N11	E22	04	3.1		B	DAO	160	11	10	3
9886	31106	MWIL	04	01	1530	N11	E19	04	3.1	5	(B)					
9886		VORO	04	01	2233	N11	E16	04	3.1			DAI	206	24	9	3
9886		LEAR	04	02	0328	N11	E13	04	3.1		BG	DAO	150	29	9	1
9886		TACH	04	02	0447	N11	E11	04	3.0			DAI	178	7	5	3
9886		SVTO	04	02	0710	N13	E12	04	3.2		B	CSO	100	39	12	4
9886		RAMY	04	02	1252	N12	E08	04	3.1		B	DAI	110	20	10	2
9886	31106	MWIL	04	02	1530	N12	E06	04	3.1	4	(B)					
9886		VORO	04	02	2231	N12	E02	04	3.1			DAI	137	14	9	3
9886		LEAR	04	03	0130	N12	E02	04	3.2		B	DSO	110	12	9	3
9886		KAND	04	03	0805	N11	W03	04	3.1			DSO		4	9	3
9886		RAMY	04	03	1215	N13	W04	04	3.2		B	DAO	100	5	9	3
9886	31106	MWIL	04	03	1530	N13	W07	04	3.1	4	(B)					
9886		HOLL	04	03	1820	N13	W07	04	3.2		B	DAO	120	12	8	4
9886		VORO	04	03	2235	N13	W11	04	3.1			CAI	78	15	6	3
9886		LEAR	04	04	0025	N13	W12	04	3.1		BG	DSO	80	15	8	2
9886		RAMY	04	04	1242	N14	W18	04	3.2		B	DSI	60	21	9	3
9886		HOLL	04	04	1450	N13	W21	04	3.0		B	DAO	150	13	8	4
9886	31106	MWIL	04	04	1600	N13	W21	04	3.1	4	(B)					
9886		LEAR	04	05	0040	N13	W26	04	3.1		BGD	DAI	120	26	8	2
9886		RAMY	04	05	1245	N15	W33	04	3.0		B	DAI	80	14	8	3
9886		HOLL	04	05	1504	N13	W34	04	3.1		B	DAI	140	13	8	2
9886	31106	MWIL	04	05	2200	N14	W38	04	3.0	4	(B)					
9886		LEAR	04	06	0040	N13	W39	04	3.1		B	DAC	80	22	8	4
9886		SVTO	04	06	0720	N14	W45	04	2.9		B	CSO	70	13	8	3
9886		HOLL	04	06	1510	N15	W53	04	2.6		B	EAC	190	13	13	4
9886		RAMY	04	06	1915	N15	W55	04	2.6		B	ESO	120	8	11	1
9886		LEAR	04	07	0025	N14	W55	04	2.9		B	BXO	20	6	5	3
9886		SVTO	04	07	0618	N15	W63	04	2.5		B	ESO	120	8	11	3
9886		HOLL	04	07	1500	N14	W68	04	2.5		B	DAO	140	5	6	3
9886	31106	MWIL	04	07	1645	N14	W66	04	2.7	3	AP					
9886		LEAR	04	08	0127	N14	W69	04	2.8		B	BXO	90	5	4	3
9886		TACH	04	08	0429	N13	W72	04	2.7			BRO	16	3	4	4
9886		SVTO	04	08	0734	N15	W75	04	2.6		B	BXO	30	2	4	3
9886		HOLL	04	08	1429	N13	W78	04	2.7		A	AXX	10	1	1	3
9886A		VORO	04	03	2235	S19	W06	04	3.5			AXX	5	1		3
9887		LEAR	03	29	0318	N01	E76	04	3.8		A	AXX		1		4
9887		SVTO	03	29	0730	N01	E76	04	4.0		B	CAO	180	4	5	3

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9887		RAMY	03	29	1320	N01	E68	04	3.6		B	DSO	50	6	5	3
9887	31107	MWIL	03	29	1600	N01	E69	04	3.8	4	(B)					
9887		VORO	03	29	2255	N01	E65	04	3.8			DSI	122	5	6	3
9887		LEAR	03	30	0522	N00	E61	04	3.8		B	DAO	200	11	8	4
9887		SVTO	03	30	0820	N01	E58	04	3.7		B	DAO	160	11	8	3
9887		RAMY	03	30	1345	N00	E56	04	3.7		B	DAO	140	9	8	3
9887	31107	MWIL	03	30	1600	N01	E55	04	3.8	5	(BG)					
9887		VORO	03	30	2245	N01	E51	04	3.7			DSI	324	10	8	3
9887		SVTO	03	31	0612	N01	E47	04	3.8		BG	EAI	250	9	11	3
9887		RAMY	03	31	1207	N00	E42	04	3.6		B	EAO	220	13	12	2
9887	31107	MWIL	03	31	1500	N01	E40	04	3.6	5	(BG)					
9887		LEAR	04	01	0026	N01	E36	04	3.7		BG	DKI	470	38	10	4
9887		VORO	04	01	0125	N01	E37	04	3.8			DKI	374	4	9	2
9887		TACH	04	01	0527	N02	E30	04	3.5			DAI	570	16	7	3
9887		SVTO	04	01	0700	N02	E33	04	3.7		BG	EKI	490	17	13	3
9887		RAMY	04	01	1143	N00	E30	04	3.7		B	DKI	500	15	10	3
9887	31107	MWIL	04	01	1530	N01	E27	04	3.7	5	(BG)					
9887		VORO	04	01	2233	N01	E25	04	3.8			DKI	700	37	9	3
9887		LEAR	04	02	0328	N01	E22	04	3.8		BG	EKI	560	40	12	1
9887		TACH	04	02	0447	N02	E17	04	3.5			DAI	959	12	7	3
9887		SVTO	04	02	0710	N03	E20	04	3.8		BG	EKI	690	65	13	4
9887		RAMY	04	02	1252	N01	E17	04	3.8		BG	EKI	800	17	12	2
9887	31107	MWIL	04	02	1530	N01	E14	04	3.7	5	(BG)					
9887		VORO	04	02	2231	N02	E12	04	3.8			DKI	846	37	10	3
9887		LEAR	04	03	0130	N02	E10	04	3.8		BG	EKI	570	24	12	3
9887		KAND	04	03	0805	N01	E06	04	3.8			EAC		21	12	3
9887		RAMY	04	03	1215	N02	E04	04	3.8		BG	EKI	850	19	12	3
9887	31107	MWIL	04	03	1530	N02	E02	04	3.8	5	(BG)					
9887		HOLL	04	03	1820	N03	E01	04	3.8		B	EHI	750	27	12	4
9887		VORO	04	03	2235	N04	E03	04	4.2			DAI	872	31	13	3
9887		LEAR	04	04	0025	N02	W04	04	3.7		BG	EHC	730	33	12	2
9887		RAMY	04	04	1242	N02	W11	04	3.7		BG	EKI	780	25	13	3
9887		HOLL	04	04	1450	N03	W12	04	3.7		BG	EKI	680	24	12	4
9887	31107	MWIL	04	04	1600	N02	W12	04	3.8	5	(BG)					
9887		LEAR	04	05	0040	N03	W17	04	3.7		BG	EKI	750	25	14	2
9887		RAMY	04	05	1245	N02	W23	04	3.8		BG	EKI	680	26	13	3
9887		HOLL	04	05	1504	N03	W24	04	3.8		BG	EKI	630	18	15	2
9887	31107	MWIL	04	05	2200	N02	W27	04	3.9	5	(BG)					
9887		LEAR	04	06	0040	N03	W29	04	3.9		BG	EKI	690	29	14	4
9887		SVTO	04	06	0720	N02	W34	04	3.8		BG	EKI	590	18	14	3
9887		HOLL	04	06	1510	N04	W35	04	4.0		BG	FKC	650	39	16	4
9887		RAMY	04	06	1915	N04	W40	04	3.8		BG	EKO	440	11	11	1
9887		LEAR	04	07	0025	N02	W44	04	3.7		B	EKO	490	19	12	3
9887		SVTO	04	07	0618	N02	W47	04	3.7		B	EKO	490	13	14	3
9887		HOLL	04	07	1500	N03	W52	04	3.7		BG	FKI	570	16	13	3
9887	31107	MWIL	04	07	1645	N02	W52	04	3.8	5	(B)					
9887		LEAR	04	08	0127	N03	W57	04	3.8		B	EKO	410	15	11	3
9887		TACH	04	08	0429	N02	W55	04	4.1			DAO	575	8	9	4
9887		KAND	04	08	0720	N02	W63	04	3.6			ESO		4	12	3
9887		SVTO	04	08	0734	N05	W60	04	3.8		B	EAO	420	4	13	3
9887		RAMY	04	08	1306	N04	W63	04	3.8		B	EAO	360	5	13	2
9887		HOLL	04	08	1429	N03	W63	04	3.9		BG	EKI	450	9	12	3
9887	31107	MWIL	04	08	1430	N02	W65	04	3.7	5	(B)					
9887		LEAR	04	09	0145	N04	W68	04	4.0		BG	EAO	250	9	13	1
9887		KAND	04	09	1050	N03	W76	04	3.8			EAO		6	14	2
9887		RAMY	04	09	1406	N04	W77	04	3.8		B	ESO	210	2	15	2
9887		HOLL	04	09	1458	N03	W77	04	3.9		BG	EAI	270	6	11	3
9887	31107	MWIL	04	09	1500	N02	W77	04	3.9	4	(B)					
9887		VORO	04	09	2342	N02	W77	04	4.2			HAX	193	1		3
9887		LEAR	04	10	0100	N03	W76	04	4.4		BG	CAO	60	2	2	1
9887		TACH	04	10	0457	N03	W78	04	4.4			HSX	250	1	1	4
9887A	31119	MWIL	04	03	1530	S08	E03	04	3.9	3	(AP)					
9889		RAMY	03	30	1345	S19	E64	04	4.4		A	HRX	20	1	1	3
9889	31110	MWIL	03	30	1600	S19	E65	04	4.6	4	(B)					
9889		VORO	03	30	2245	S19	E61	04	4.6			BXO	29	2	5	3
9889		SVTO	03	31	0612	S19	E58	04	4.7		B	BXO	20	2	5	3
9889		RAMY	03	31	1207	S21	E52	04	4.5		B	CSO	30	2	6	2

S U N S P O T G R O U P S
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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
9889	31110	MWIL	03	31	1500	S20	E50	04	4.4	4	(B)					
9889		LEAR	04	01	0026	S21	E42	04	4.2		A	HAX	30	2	2	4
9889		VORO	04	01	0125	S19	E43	04	4.3			AXX	13	1		2
9889		TACH	04	01	0527	S17	E36	04	4.0			AXX	20	1	1	3
9889		SVTO	04	01	0700	S19	E40	04	4.3		A	HRX	10	2	2	3
9889		RAMY	04	01	1143	S20	E36	04	4.2		A	HSX	10	1	1	3
9889	31110	MWIL	04	01	1530	S20	E36	04	4.4	4	(BP)					
9889		VORO	04	01	2233	S20	E32	04	4.4			BXI	6	3	5	3
9889		LEAR	04	02	0328	S19	E29	04	4.3		B	CAO	40	8	5	1
9889		TACH	04	02	0447	S17	E26	04	4.2			AXX	10	1	1	3
9889		SVTO	04	02	0710	S19	E29	04	4.5		B	CRO	20	7	4	4
9889		RAMY	04	02	1252	S20	E24	04	4.4		A	HAX	10	1	1	2
9889	31110	MWIL	04	02	1530	S19	E23	04	4.4	4	(B)					
9889		VORO	04	02	2231	S19	E19	04	4.4			AXX	3	1		3
9889		LEAR	04	03	0130	S19	E17	04	4.3		A	AXX		1		3
9889	31110	MWIL	04	03	1530	S19	E10	04	4.4	3	(B)					
9889		VORO	04	03	2235	S18	E07	04	4.5			AXX	6	1		3
9889		RAMY	04	04	1242	S20	E01	04	4.6		B	BXO		2	2	3
9888		LEAR	03	29	0318	S12	E82	04	4.3		A	HSX	100	4	3	4
9888		SVTO	03	29	0730	S11	E80	04	4.3		B	CRO	30	3	7	3
9888		RAMY	03	29	1320	S11	E73	04	4.0		A	HAX	170	3	2	3
9888	31108	MWIL	03	29	1600	S12	E74	04	4.2	4	(AP)					
9888		VORO	03	29	2255	S12	E70	04	4.2			HRX	135	1		3
9888		LEAR	03	30	0522	S13	E68	04	4.3		B	CAO	90	6	4	4
9888		SVTO	03	30	0820	S11	E66	04	4.3		B	CAO	90	3	4	3
9888		RAMY	03	30	1345	S12	E63	04	4.3		B	DAO	140	5	6	3
9888	31108	MWIL	03	30	1600	S12	E63	04	4.4	5	(B)					
9888		VORO	03	30	2245	S12	E59	04	4.4			CSI	215	3	5	3
9888		SVTO	03	31	0612	S12	E55	04	4.4		B	DSO	190	4	7	3
9888		RAMY	03	31	1207	S14	E52	04	4.4		B	DAO	200	6	7	2
9888	31108	MWIL	03	31	1500	S13	E50	04	4.4	5	(B)					
9888		LEAR	04	01	0026	S13	E44	04	4.3		B	DAO	270	20	7	4
9888		VORO	04	01	0125	S13	E45	04	4.4			CAI	231	4	6	2
9888		TACH	04	01	0527	S10	E39	04	4.1			DSO	290	6	8	3
9888		SVTO	04	01	0700	S12	E42	04	4.4		B	DAO	420	11	9	3
9888		RAMY	04	01	1143	S13	E38	04	4.3		B	DAO	320	8	6	3
9888	31108	MWIL	04	01	1530	S13	E37	04	4.4	5	(B)					
9888		VORO	04	01	2233	S13	E33	04	4.4			CAI	373	18	6	3
9888		LEAR	04	02	0328	S13	E30	04	4.4		B	DAO	260	29	8	1
9888		TACH	04	02	0447	S10	E26	04	4.1			CSI	265	6	5	3
9888		SVTO	04	02	0710	S12	E29	04	4.5		B	EKI	270	28	12	4
9888		RAMY	04	02	1252	S13	E25	04	4.4		B	DSO	220	12	7	2
9888	31108	MWIL	04	02	1530	S12	E24	04	4.4	5	(B)					
9888		VORO	04	02	2231	S13	E21	04	4.5			CAI	287	17	6	3
9888		LEAR	04	03	0130	S13	E19	04	4.5		B	DHO	180	14	8	3
9888		KAND	04	03	0805	S13	E15	04	4.5			DAO		15	2	3
9888		RAMY	04	03	1215	S13	E14	04	4.6		B	DAO	290	11	10	3
9888	31108	MWIL	04	03	1530	S12	E10	04	4.4	5	(B)					
9888		HOLL	04	03	1820	S12	E09	04	4.4		B	DKI	220	17	9	4
9888		VORO	04	03	2235	S13	E07	04	4.5			CAI	202	12	6	3
9888		LEAR	04	04	0025	S13	E05	04	4.4		B	DKO	210	11	7	2
9888		RAMY	04	04	1242	S12	E02	04	4.7		B	DAO	190	12	8	3
9888		HOLL	04	04	1450	S12	W03	04	4.4		B	DKO	150	10	7	4
9888	31108	MWIL	04	04	1600	S12	W04	04	4.4	4	(BP)					
9888		LEAR	04	05	0040	S12	W07	04	4.5		B	DAO	170	12	7	2
9888		RAMY	04	05	1245	S12	W12	04	4.6		B	ESO	210	9	11	3
9888		HOLL	04	05	1504	S12	W17	04	4.3		B	CKO	150	5	4	2
9888	31108	MWIL	04	05	2200	S12	W22	04	4.2	5	(AP)					
9888		LEAR	04	06	0040	S13	W23	04	4.3		B	CAO	150	6	5	4
9888		SVTO	04	06	0720	S12	W28	04	4.2		B	CAO	120	3	3	3
9888		HOLL	04	06	1510	S11	W32	04	4.2		A	HKX	150	8	8	4
9888		RAMY	04	06	1915	S11	W35	04	4.2		B	CSO	90	3	3	1
9888		LEAR	04	07	0025	S11	W37	04	4.2		A	HAX	120	4	2	3
9888		SVTO	04	07	0618	S12	W42	04	4.1		B	CAO	130	4	4	3
9888		HOLL	04	07	1500	S11	W46	04	4.2		A	HKX	140	6	4	3
9888	31108	MWIL	04	07	1645	S12	W43	04	4.4	4	(BP)					
9888		LEAR	04	08	0127	S12	W47	04	4.5		B	CSO	130	9	10	3
9888		KAND	04	08	0720	S13	W55	04	4.1			DSO		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
9888		SVTO	04	08	0734	S11	W56	04	4.1		B	DSO	140	2	3	3
9888		RAMY	04	08	1306	S10	W58	04	4.2		B	DSO	70	2	3	2
9888		HOLL	04	08	1429	S13	W54	04	4.5		B	CAO	80	4	11	3
9888	31108	MWIL	04	08	1430	S12	W56	04	4.4	4	(BP)					
9888		LEAR	04	09	0145	S12	W65	04	4.2		A	HAX	90	2	3	1
9888		KAND	04	09	1050	S11	W73	04	3.9			AX		1		2
9888		RAMY	04	09	1406	S09	W73	04	4.1		A	HSX	20	1	1	2
9888		HOLL	04	09	1458	S12	W67	04	4.6		B	CSO	20	2	9	3
9888	31108	MWIL	04	09	1500	S12	W68	04	4.5	4	(BP)					
9888		LEAR	04	10	0100	S12	W78	04	4.2		B	CSO	40	2	3	1
9888		SVTO	04	10	1130	S13	W78	04	4.6		A	AXX		1		2
9894		RAMY	04	04	1242	N15	E09	04	5.2		A	AXX		1	1	3
9894		HOLL	04	04	1450	N14	E08	04	5.2		B	BXO	10	3	2	4
9894		LEAR	04	05	0040	N14	E01	04	5.1		B	BXO	10	3	6	2
9894		RAMY	04	05	1245	N15	W05	04	5.1		B	BXO	10	10	9	3
9894		HOLL	04	05	1504	N14	W04	04	5.3		B	CAO	30	3	3	2
9894	31122	MWIL	04	05	2200	N15	W09	04	5.2	4	(AP)					
9894		LEAR	04	06	0040	N15	W11	04	5.2		A	AXX	10	2	1	4
9894		SVTO	04	06	0720	N15	W16	04	5.1		A	AXX	10	3	2	3
9894		HOLL	04	06	1510	N17	W19	04	5.2		A	HAX	20	1	1	4
9897		SVTO	04	06	0720	S01	E04	04	6.6		B	DAO	30	3	3	3
9897		HOLL	04	06	1510	S01	E01	04	6.7		B	DAO	80	6	4	4
9897		RAMY	04	06	1915	S01	W03	04	6.6		B	DSO	20	3	4	1
9897		LEAR	04	07	0025	S01	W05	04	6.6		B	DRO	40	9	5	3
9897		SVTO	04	07	0618	S02	W09	04	6.6		B	DSO	80	8	5	3
9897		HOLL	04	07	1500	S03	W12	04	6.7		B	DAO	100	9	6	3
9897	31125	MWIL	04	07	1645	S02	W15	04	6.6	4	(B)					
9897		LEAR	04	08	0127	S02	W19	04	6.6		B	DSO	60	7	5	3
9897		TACH	04	08	0429	S02	W20	04	6.7			BXI	32	4	4	4
9897		KAND	04	08	0720	S02	W24	04	6.5			BXO		6	5	3
9897		SVTO	04	08	0734	S03	W23	04	6.6		B	DSO	30	7	5	3
9897		RAMY	04	08	1306	S02	W27	04	6.5		B	DSO	20	2	6	2
9897		HOLL	04	08	1429	S02	W27	04	6.6		B	CAO	20	5	5	3
9897	31125	MWIL	04	08	1430	S02	W27	04	6.6	4	(B)					
9897		LEAR	04	09	0145	S02	W33	04	6.6		B	CRO	20	3	5	1
9897		KAND	04	09	1050	S02	W39	04	6.5			BXO		2	6	2
9897		RAMY	04	09	1406	S02	W43	04	6.4		A	HSX	10	1		2
9897		HOLL	04	09	1458	S02	W41	04	6.6		B	CSO	30	2	5	3
9897	31125	MWIL	04	09	1500	S03	W41	04	6.6	4	(BP)					
9897		VORO	04	09	2342	S03	W48	04	6.4			AXX	12	1		3
9897		LEAR	04	10	0100	S03	W48	04	6.4		B	CSO	20	1	1	1
9897		TACH	04	10	0457	S01	W48	04	6.6			AXX	15	1	1	4
9897		SVTO	04	10	1130	S03	W55	04	6.4		A	HSX	20	1	1	2
9897		HOLL	04	10	1407	S02	W54	04	6.5		B	CSO	40	2	3	4
9897	31125	MWIL	04	10	1430	S03	W56	04	6.4	4	(AP)					
9897		RAMY	04	10	1630	S02	W58	04	6.3		A	HSX	20	1	1	2
9897		LEAR	04	11	0050	S02	W62	04	6.4		A	AXX	10	1	1	1
9897	31125	MWIL	04	11	1500	S02	W70	04	6.4	3	(AP)					
9892		VORO	04	01	2225	N04	E76	04	7.6			BXI	20	3	4	2
9892		LEAR	04	02	0328	N04	E72	04	7.5		B	DAO	90	4	5	1
9892		SVTO	04	02	0710	N06	E73	04	7.8		B	CRO	120	6	7	4
9892		RAMY	04	02	1252	N03	E69	04	7.7		B	CSO	30	3	3	2
9892	31117	MWIL	04	02	1530	N05	E66	04	7.6	4	(B)					
9892		VORO	04	02	2231	N05	E64	04	7.7			CAI	62	5	4	3
9892		LEAR	04	03	0130	N04	E60	04	7.5		B	CSO	40	5	5	3
9892		KAND	04	03	0805	N05	E55	04	7.4			HA		2	2	3
9892		RAMY	04	03	1215	N04	E55	04	7.6		B	CSO	30	2	4	3
9892	31117	MWIL	04	03	1530	N05	E53	04	7.6	4	(B)					
9892		HOLL	04	03	1820	N03	E52	04	7.6		B	CAO	40	4	5	4
9892		VORO	04	03	2235	N05	E49	04	7.6			CRO	40	5	4	3
9892		LEAR	04	04	0025	N05	E47	04	7.5		B	CAO	40	4	6	2
9892		RAMY	04	04	1242	N06	E39	04	7.4		A	HSX	20	2	2	3
9892		HOLL	04	04	1450	N06	E37	04	7.4		B	CSI	30	5	2	4
9892	31117	MWIL	04	04	1600	N05	E37	04	7.4	4	(AP)					
9892		LEAR	04	05	0040	N05	E32	04	7.4		A	HRX	10	2	1	2
9892		LEAR	04	06	0040	N05	E18	04	7.4		A	AXX		3	1	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
9892		SVTO	04	06	0720	N06	E14	04	7.3		A	AXX		1		3
9892		HOLL	04	06	1510	N05	E13	04	7.6		B	BXO	20	5	6	4
9892		LEAR	04	07	0025	N05	E06	04	7.5		B	BXO	10	3	4	3
9892		SVTO	04	07	0618	N05	E04	04	7.6		A	AXX		1		3
9892		SVTO	04	08	0734	N05	W10	04	7.6		B	CRO	10	2	2	3
9892	31129	MWIL	04	08	1430	N04	W14	04	7.5	4	(AP)					
9892A		HOLL	04	06	1510	S09	E14	04	7.7		A	AXX	10	1	1	4
9900		HOLL	04	06	1510	S29	E21	04	8.3		A	AXX	10	2	2	4
9900		RAMY	04	06	1915	S30	E18	04	8.2		A	AXX	10	1		1
9900		LEAR	04	07	0025	S28	E19	04	8.5		B	BXO	20	10	8	3
9900		SVTO	04	07	0618	S29	E16	04	8.5		B	DSO	100	15	8	3
9900		HOLL	04	07	1500	S29	E11	04	8.5		B	DAI	120	16	8	3
9900	31126	MWIL	04	07	1645	S28	E10	04	8.5	5	(BG)					
9900		LEAR	04	08	0127	S29	E06	04	8.5		BG	EAI	130	30	12	3
9900		TACH	04	08	0429	S27	E03	04	8.4			DAI	208	9	8	4
9900		KAND	04	08	0720	S29	E04	04	8.6			ESO		9	11	3
9900		SVTO	04	08	0734	S29	E02	04	8.5		B	EAO	100	16	11	3
9900		RAMY	04	08	1306	S29	W01	04	8.5		B	DAO	150	9	10	2
9900		HOLL	04	08	1429	S28	W01	04	8.5		B	EAI	120	22	11	3
9900	31126	MWIL	04	08	1430	S29	W01	04	8.5	5	(BG)					
9900		LEAR	04	09	0145	S29	W08	04	8.4		BG	DAI	130	19	9	1
9900		KAND	04	09	1050	S28	W13	04	8.4			EAO		22	12	2
9900		RAMY	04	09	1406	S29	W15	04	8.4		B	ESO	210	8	12	2
9900		HOLL	04	09	1458	S28	W14	04	8.5		B	EAI	180	28	12	3
9900	31126	MWIL	04	09	1500	S29	W13	04	8.6	5	(D)					
9900		VORO	04	09	2342	S29	W19	04	8.5			DAO	230	23	11	3
9900		LEAR	04	10	0100	S28	W20	04	8.5		BGD	EAI	160	20	12	1
9900		TACH	04	10	0457	S25	W19	04	8.7			BRI	118	16	11	4
9900		SVTO	04	10	1130	S28	W23	04	8.7		B	DAI	170	20	9	2
9900		HOLL	04	10	1407	S28	W28	04	8.4		B	ESI	80	20	12	4
9900	31126	MWIL	04	10	1430	S29	W27	04	8.5	4	(BG)					
9900		RAMY	04	10	1630	S30	W29	04	8.4		B	DSO	70	12	10	2
9900		VORO	04	10	2205	S30	W31	04	8.5			DAO	154	18	10	2
9900		LEAR	04	11	0050	S27	W34	04	8.4		BG	DAI	120	19	10	1
9900		TACH	04	11	0631	S28	W35	04	8.5			CAI	227	16	10	3
9900		HOLL	04	11	1436	S27	W38	04	8.6		B	DSO	120	16	11	4
9900	31126	MWIL	04	11	1500	S29	W39	04	8.6	4	(BG)					
9900		SVTO	04	11	1502	S28	W42	04	8.3		B	EAO	100	9	11	2
9900		RAMY	04	11	1517	S30	W42	04	8.3		B	DAO	60	11	9	3
9900		VORO	04	11	2314	S30	W44	04	8.5			DAO	219	12	10	2
9900		LEAR	04	12	0030	S28	W45	04	8.5		BG	DAO	130	17	9	4
9900		RAMY	04	12	1447	S29	W51	04	8.6		B	DAO	160	7	6	2
9900	31126	MWIL	04	12	1500	S29	W50	04	8.7	4	BG					
9900		VORO	04	12	2237	S29	W54	04	8.7			DAO	105	4	4	3
9900		LEAR	04	13	0235	S28	W58	04	8.6		BG	DAO	130	12	10	2
9900		HOLL	04	13	1430	S30	W63	04	8.6		B	CSO	80	9	8	4
9900	31126	MWIL	04	13	1500	S28	W63	04	8.7	4	(B)					
9900		VORO	04	14	0044	S26	W75	04	8.2			HRX	39	1		3
9900		LEAR	04	14	0050	S27	W68	04	8.7		B	BXO	20	4	5	2
9900		RAMY	04	14	1210	S29	W75	04	8.6		B	DSO	60	2	3	3
9900		SVTO	04	14	1330	S26	W76	04	8.6		B	DSO	50	4	5	3
9900		HOLL	04	14	1423	S30	W76	04	8.6		A	AXX	20	3	2	3
9900	31126	MWIL	04	14	2000	S29	W76	04	8.9	3	(AP)					
9900A		SVTO	04	06	0720	N13	E32	04	8.7		A	AXX		1		3
9900A		HOLL	04	06	1510	N12	E28	04	8.7		A	AXX	10	1	1	4
9904		HOLL	04	08	1429	S17	E12	04	9.5		A	AXX	10	1	1	3
9904	31130	MWIL	04	08	1430	S16	E11	04	9.4	4	(AP)					
9904		LEAR	04	09	0145	S16	E05	04	9.4		B	CAO	30	6	2	1
9904		KAND	04	09	1050	S16	W01	04	9.4			CSI		9	3	2
9904		RAMY	04	09	1406	S16	W03	04	9.3		B	DSO	70	4	3	2
9904		HOLL	04	09	1458	S16	W03	04	9.4		B	CAO	60	9	3	3
9904	31130	MWIL	04	09	1500	S16	W03	04	9.4	4	(BP)					
9904		VORO	04	09	2342	S16	W08	04	9.4			CAI	100	9	3	3
9904		LEAR	04	10	0100	S17	W08	04	9.4		B	CAO	60	6	3	1
9904		TACH	04	10	0457	S14	W09	04	9.5			CAO	125	4	3	4

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Time Mo	Day	(UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
9904		SVTO	04	10	1130	S15	W15	04	9.3		B	CAO	60	9	5	2
9904		HOLL	04	10	1407	S17	W18	04	9.2		B	CSO	50	5	4	4
9904	31130	MWIL	04	10	1430	S16	W16	04	9.4	4	(D)					
9904		RAMY	04	10	1630	S17	W19	04	9.2		B	DSO	30	2	2	2
9904		VORO	04	10	2205	S16	W22	04	9.2			BXI	55	6	2	2
9904		LEAR	04	11	0050	S15	W23	04	9.3		BG	DAI	40	7	3	1
9904		TACH	04	11	0631	S16	W26	04	9.3			BRI	59	9	2	3
9904		HOLL	04	11	1436	S17	W31	04	9.2		B	BXO	20	4	3	4
9904	31130	MWIL	04	11	1500	S16	W31	04	9.3	4	(B)					
9904		SVTO	04	11	1502	S15	W32	04	9.2		B	CSO	20	3	3	2
9904		RAMY	04	11	1517	S16	W31	04	9.3		B	CSO	10	3	3	3
9904		VORO	04	11	2314	S16	W36	04	9.2			AXX	8	1		2
9904		LEAR	04	12	0030	S15	W36	04	9.3		B	BXO	30	5	4	4
9904		RAMY	04	12	1447	S15	W45	04	9.2		B	CAO	20	4	3	2
9904	31130	MWIL	04	12	1500	S16	W45	04	9.2	4	B +					
9904		LEAR	04	13	0235	S14	W55	04	8.9		B	BXO	30	8	8	2
9904	31130	MWIL	04	13	1500	S16	W62	04	8.9	3	(B)					
9893		RAMY	04	03	1215	N18	E84	04	9.9		A	HSX	30	1	5	3
9893	31120	MWIL	04	03	1530	N18	E79	04	9.7	4	AP					
9893		HOLL	04	03	1820	N15	E78	04	9.7		A	HSX	60	1	2	4
9893		VORO	04	03	2235	N19	E80	04	10.0			CAI	251	4	6	3
9893		LEAR	04	04	0025	N17	E73	04	9.6		B	DSO	120	5	6	2
9893		RAMY	04	04	1242	N18	E71	04	9.9		B	EAO	220	8	13	3
9893		HOLL	04	04	1450	N18	E70	04	9.9		B	EHO	300	10	13	4
9893	31120	MWIL	04	04	1600	N18	E68	04	9.8	4	(B)					
9893		LEAR	04	05	0040	N17	E65	04	10.0		BG	EAO	310	14	11	2
9893		RAMY	04	05	1245	N21	E59	04	10.0		B	EAI	350	17	15	3
9893		HOLL	04	05	1504	N19	E58	04	10.0		B	EAI	300	12	14	2
9893	31120	MWIL	04	05	2200	N18	E52	04	9.9	5	(BP)					
9893		LEAR	04	06	0040	N17	E50	04	9.8		BG	EAI	360	23	13	4
9893		SVTO	04	06	0720	N19	E46	04	9.8		BG	FAI	300	22	17	3
9893		HOLL	04	06	1510	N16	E45	04	10.0		BG	FKC	470	23	19	4
9893		RAMY	04	06	1915	N17	E40	04	9.8		B	DKO	230	7	10	1
9893		LEAR	04	07	0025	N19	E39	04	10.0		BG	FAI	310	26	16	3
9893		SVTO	04	07	0618	N18	E33	04	9.8		BG	EKI	310	20	13	3
9893		HOLL	04	07	1500	N18	E33	04	10.1		BG	FKC	460	33	19	3
9893	31120	MWIL	04	07	1645	N19	E30	04	10.0	5	(D)					
9893		LEAR	04	08	0127	N18	E25	04	10.0		BGD	FHI	450	32	16	3
9893		TACH	04	08	0429	N17	E18	04	9.5			DAI	610	6	10	4
9893		KAND	04	08	0720	N20	E25	04	10.2			FHO		16	21	3
9893		SVTO	04	08	0734	N18	E17	04	9.6		BG	DSO	260	16	8	3
9893		RAMY	04	08	1306	N18	E22	04	10.2		BG	FKI	620	17	21	2
9893		HOLL	04	08	1429	N19	E19	04	10.0		BGD	FKC	520	38	18	3
9893	31120	MWIL	04	08	1430	N20	E20	04	10.1	5	(D)					
9893		LEAR	04	09	0145	N18	E14	04	10.1		BGD	EKI	460	22	15	1
9893		KAND	04	09	1050	N19	E11	04	10.3			FAO		35	22	2
9893		RAMY	04	09	1406	N18	E03	04	9.8		B	DKO	280	7	7	2
9893		HOLL	04	09	1458	N20	E06	04	10.1		BGD	FAC	510	38	16	3
9893	31120	MWIL	04	09	1500	N20	E07	04	10.2	6	(D)					
9893		VORO	04	09	2342	N18	W03	04	9.7			DHI	385	24	7	3
9893		LEAR	04	10	0100	N19	E01	04	10.1		BGD	FKI	450	39	16	1
9893		TACH	04	10	0457	N18	W07	04	9.7			DAI	465	8	6	4
9893		SVTO	04	10	1130	N19	W08	04	9.9		BG	EKI	350	25	14	2
9893		HOLL	04	10	1407	N18	W11	04	9.7		B	DAO	140	14	8	4
9893		HOLL	04	10	1407	N19	W08	04	10.0		BG	EAC	260	18	14	4
9893	31120	MWIL	04	10	1430	N20	W06	04	10.1	6	(BG)					
9893		RAMY	04	10	1630	N18	W13	04	9.7		B	DKO	260	9	10	2
9893		VORO	04	10	2205	N18	W16	04	9.7			DHI	356	16	7	2
9893		LEAR	04	11	0050	N20	W12	04	10.1		BG	EKI	530	31	15	1
9893		TACH	04	11	0631	N16	W20	04	9.7			CAI	297	11	6	3
9893		HOLL	04	11	1436	N19	W24	04	9.8		BG	EAC	300	29	14	4
9893	31120	MWIL	04	11	1500	N20	W20	04	10.1	5	(D)					
9893		SVTO	04	11	1502	N19	W23	04	9.9		B	ESO	160	16	13	2
9893		RAMY	04	11	1517	N20	W20	04	10.1		BG	FKI	450	29	19	3
9893		VORO	04	11	2314	N18	W30	04	9.7			DHI	387	10	7	2
9893		LEAR	04	12	0030	N19	W26	04	10.0		BG	EAI	330	33	14	4
9893		RAMY	04	12	1447	N21	W35	04	9.9		BGD	FAI	520	28	17	2
9893	31120	MWIL	04	12	1500	N20	W31	04	10.2	5	D *					

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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
9893		VORO	04	12	2237	N18	W45	04	9.5			DHI	422	4	2	3
9893		LEAR	04	13	0235	N19	W41	04	10.0		BGD	FKI	560	17	16	2
9893		HOLL	04	13	1430	N18	W45	04	10.2		A	HKX	190	4	4	4
9893	31120	MWIL	04	13	1500	N20	W44	04	10.2	5	(D)					
9893		VORO	04	14	0044	N18	W60	04	9.5			HAX	306	1		3
9893		LEAR	04	14	0050	N21	W54	04	9.9		BGD	EKI	410	20	14	2
9893		RAMY	04	14	1210	N21	W60	04	9.9		BGD	FKI	560	19	20	3
9893		SVTO	04	14	1330	N22	W58	04	10.1		B	DSO	140	3	3	3
9893		HOLL	04	14	1423	N18	W58	04	10.2		BGD	EAC	480	12	15	3
9893	31120	MWIL	04	14	2000	N20	W59	04	10.3	4	(BG)					
9893		LEAR	04	15	0048	N20	W67	04	9.9		BGD	CKI	430	13	13	4
9893		SVTO	04	15	0535	N20	W70	04	9.9		A	HAX	180	1	4	2
9893		HOLL	04	15	1356	N17	W74	04	9.9		BG	EAI	360	6	11	3
9893	31120	MWIL	04	16	1445	N21	W81	04	10.4	5	BG					
9895		RAMY	04	04	1242	N05	E75	04	10.1		A	AXX		1	1	3
9895		HOLL	04	04	1450	N05	E75	04	10.2		B	BXO	40	3	5	4
9895	31121	MWIL	04	04	1600	N05	E74	04	10.2	3	(AP)					
9895		LEAR	04	05	0040	N05	E68	04	10.1		B	BXO	10	2	4	2
9895		RAMY	04	05	1245	N06	E65	04	10.4		B	BXO	10	4	9	3
9895		HOLL	04	05	1504	N07	E64	04	10.4		B	BXO	30	3	6	2
9895		LEAR	04	06	0040	N07	E59	04	10.4		B	CRO	20	3	5	4
9895		SVTO	04	06	0720	N08	E57	04	10.6		B	BXO	20	3	2	3
9895		HOLL	04	06	1510	N07	E54	04	10.7		A	AXX	10	3	2	4
9901		LEAR	04	07	0025	N21	E50	04	10.8		B	BXO	20	5	5	3
9901		SVTO	04	07	0618	N22	E45	04	10.7		B	DSO	130	13	10	3
9901		HOLL	04	07	1500	N18	E42	04	10.8		B	BXO	40	7	3	3
9901		LEAR	04	08	0127	N18	E37	04	10.9		B	DSO	80	16	7	3
9901		TACH	04	08	0429	N18	E28	04	10.3			CAI	329	13	5	4
9901		SVTO	04	08	0734	N20	E30	04	10.6		BG	DAI	250	19	10	3
9901		HOLL	04	08	1429	N20	E31	04	11.0		B	DAI	70	15	4	3
9901		LEAR	04	09	0145	N19	E25	04	11.0		B	DAI	70	12	6	1
9901		RAMY	04	09	1406	N20	E15	04	10.7		B	ESI	330	1	11	2
9901		HOLL	04	09	1458	N21	E17	04	10.9		B	DAI	150	17	5	3
9901		VORO	04	09	2342	N21	E09	04	10.7			DAI	873	39	11	3
9901		LEAR	04	10	0100	N20	E13	04	11.0		B	DAI	80	10	3	1
9901		TACH	04	10	0457	N19	E05	04	10.6			CAI	469	25	7	4
9901		SVTO	04	10	1130	N20	E04	04	10.8		B	EAI	280	26	11	2
9901		HOLL	04	10	1407	N20	E03	04	10.8		BGD	EAC	240	22	13	4
9901		RAMY	04	10	1630	N20	E00	04	10.7		B	EAI	220	16	11	2
9901		VORO	04	10	2205	N20	W03	04	10.7			DAI	491	33	11	2
9901		LEAR	04	11	0050	N21	E01	04	11.1		B	DAI	100	13	5	1
9901		TACH	04	11	0631	N17	W07	04	10.7			DAI	473	24	9	3
9901		HOLL	04	11	1436	N20	W11	04	10.8		BGD	DAC	260	24	9	4
9901		SVTO	04	11	1502	N21	W12	04	10.7		B	EAI	290	13	12	2
9901		RAMY	04	11	1517	N21	W08	04	11.0		B	DSO	60	9	3	3
9901		VORO	04	11	2314	N20	W16	04	10.7			DAI	563	24	10	2
9901		LEAR	04	12	0030	N21	W14	04	10.9		BGD	DKI	250	21	7	4
9901		RAMY	04	12	1447	N20	W22	04	10.9		B	DAO	70	8	3	2
9901		VORO	04	12	2237	N19	W31	04	10.6			DAI	617	37	12	3
9901		LEAR	04	13	0235	N21	W28	04	11.0		BGD	DAI	240	18	6	2
9901		HOLL	04	13	1430	N19	W42	04	10.4		BGD	EKC	400	28	12	4
9901		VORO	04	14	0044	N20	W45	04	10.6			DAI	571	28	12	3
9901		LEAR	04	14	0050	N22	W43	04	10.7		B	DAO	140	15	7	2
9901		RAMY	04	14	1210	N22	W47	04	10.9		B	DAO	40	3	3	3
9901		SVTO	04	14	1330	N23	W47	04	10.9		B	EAO	300	25	15	3
9901		HOLL	04	14	1423	N20	W50	04	10.8		B	DKO	240	12	7	3
9901		LEAR	04	15	0048	N22	W58	04	10.6		BG	DAI	320	14	6	4
9901		SVTO	04	15	0535	N23	W62	04	10.4		BG	EAO	310	9	15	2
9901		HOLL	04	15	1356	N19	W64	04	10.7		BGD	DKC	420	9	10	3
9901		LEAR	04	16	0053	N21	W72	04	10.5		BG	EAI	300	7	12	1
9901		SVTO	04	16	0624	N21	W80	04	10.1		BG	DAI	360	3	9	3
9901		TACH	04	16	0633	N22	W74	04	10.6			DAO	95	3	4	3
9901		HOLL	04	16	1405	N21	W78	04	10.6		A	HKX	120	3	2	2
9908		VORO	04	11	2314	N04	W12	04	11.1			BXO	23	4	2	2
9908		LEAR	04	12	0030	N05	W13	04	11.0		B	CAO	20	5	3	4
9908		RAMY	04	12	1447	N04	W21	04	11.0		B	CSO	10	3	4	2

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9908	31137	MWIL	04	12	1500	N04	W22	04	11.0	4	B					
9908		VORO	04	12	2237	N04	W26	04	11.0			BXO	38	6	3	3
9908		LEAR	04	13	0235	N05	W28	04	11.0		B	DRO	30	9	4	2
9908		HOLL	04	13	1430	N03	W36	04	10.9		B	DSO	70	6	5	4
9908	31137	MWIL	04	13	1500	N04	W35	04	11.0	4	(B)					
9908		VORO	04	14	0044	N04	W43	04	10.8			HAX	38	3		3
9908		LEAR	04	14	0050	N05	W41	04	11.0		B	BXO	10	4	4	2
9908		RAMY	04	14	1210	N05	W49	04	10.8		B	CSO	20	6	4	3
9908		SVTO	04	14	1330	N06	W49	04	10.9		B	CSO	30	7	4	3
9908		HOLL	04	14	1423	N03	W49	04	10.9		B	BXO	20	9	6	3
9908	31137	MWIL	04	14	2000	N04	W54	04	10.8	3	(AP)					
9908		LEAR	04	15	0048	N05	W57	04	10.8		B	CRO	50	5	3	4
9908		SVTO	04	15	0535	N07	W60	04	10.7		B	CRO	20	2	3	2
9908		HOLL	04	15	1356	N04	W65	04	10.7		A	AXX	10	1	1	3
9896		LEAR	04	05	0040	S11	E87	04	11.6		A	HSX	90	1	2	2
9896		RAMY	04	05	1245	S11	E79	04	11.5		A	HSX	110	1	2	3
9896		HOLL	04	05	1504	S11	E77	04	11.4		A	HSX	90	1	2	2
9896	31123	MWIL	04	05	2200	S11	E75	04	11.5	4	(AP)					
9896		LEAR	04	06	0040	S11	E71	04	11.4		A	HSX	100	2	2	4
9896		SVTO	04	06	0720	S10	E68	04	11.4		A	HSX	70	1	2	3
9896		HOLL	04	06	1510	S12	E64	04	11.4		A	HAX	150	1	2	4
9896		RAMY	04	06	1915	S12	E61	04	11.4		A	HSX	70	1	2	1
9896		LEAR	04	07	0025	S10	E59	04	11.4		A	HSX	80	1	2	3
9896		SVTO	04	07	0618	S11	E56	04	11.5		A	HSX	70	1	2	3
9896		HOLL	04	07	1500	S12	E50	04	11.4		A	HAX	80	1	2	3
9896	31123	MWIL	04	07	1645	S10	E49	04	11.4	5	(AP)					
9896		LEAR	04	08	0127	S11	E45	04	11.4		A	HSX	80	1	2	3
9896		TACH	04	08	0429	S10	E40	04	11.2			HSX	200	1	2	4
9896		KAND	04	08	0720	S10	E44	04	11.6			HS		1	1	3
9896		SVTO	04	08	0734	S11	E42	04	11.5		A	HSX	100	1	3	3
9896		RAMY	04	08	1306	S12	E38	04	11.4		A	HSX	20	1	1	2
9896		HOLL	04	08	1429	S11	E38	04	11.5		A	HSX	100	1	2	3
9896	31123	MWIL	04	08	1430	S10	E38	04	11.4	5	(AP)					
9896		LEAR	04	09	0145	S11	E32	04	11.5		A	HSX	70	1	2	1
9896		KAND	04	09	1050	S11	E27	04	11.5			HS		1	2	2
9896		RAMY	04	09	1406	S12	E24	04	11.4		A	HSX	60	1	1	2
9896		HOLL	04	09	1458	S11	E24	04	11.4		A	HSX	110	2	2	3
9896	31123	MWIL	04	09	1500	S10	E25	04	11.5	5	(AP)					
9896		VORO	04	09	2342	S10	E20	04	11.5			HHX	163	1		3
9896		LEAR	04	10	0100	S11	E19	04	11.5		A	HSX	60	1	2	1
9896		TACH	04	10	0457	S10	E14	04	11.2			CSO	156	3	6	4
9896		SVTO	04	10	1130	S11	E14	04	11.5		A	HSX	100	1	2	2
9896		HOLL	04	10	1407	S10	E14	04	11.6		B	CAO	130	3	5	4
9896	31123	MWIL	04	10	1430	S10	E12	04	11.5	5	(BP)					
9896		RAMY	04	10	1630	S11	E11	04	11.5		A	HSX	90	1	2	2
9896		VORO	04	10	2205	S10	E08	04	11.5			HHX	161	1		2
9896		LEAR	04	11	0050	S11	E06	04	11.5		A	HAX	60	1	2	1
9896		TACH	04	11	0631	S11	E01	04	11.3			HSX	150	1	2	3
9896		HOLL	04	11	1436	S10	W02	04	11.4		A	HSX	100	1	2	4
9896	31123	MWIL	04	11	1500	S10	W02	04	11.5	5	(BP)					
9896		SVTO	04	11	1502	S11	W03	04	11.4		A	HSX	100	1	3	2
9896		RAMY	04	11	1517	S11	W02	04	11.5		A	HAX	140	2	2	3
9896		VORO	04	11	2314	S10	W06	04	11.5			HHX	115	1		2
9896		LEAR	04	12	0030	S11	W07	04	11.5		A	HSX	80	1	2	4
9896		RAMY	04	12	1447	S10	W13	04	11.6		B	DSO	70	5	5	2
9896	31123	MWIL	04	12	1500	S10	W15	04	11.5	5	AP					
9896		VORO	04	12	2237	S10	W19	04	11.5			HHX	167	1		3
9896		LEAR	04	13	0235	S09	W22	04	11.4		A	HSX	80	1	2	2
9896		HOLL	04	13	1430	S11	W28	04	11.5		A	HAX	110	1	2	4
9896	31123	MWIL	04	13	1500	S10	W27	04	11.6	5	(BP)					
9896		VORO	04	14	0044	S10	W34	04	11.5			HAX	76	1		3
9896		LEAR	04	14	0050	S09	W34	04	11.5		A	HSX	60	1	2	2
9896		RAMY	04	14	1210	S09	W40	04	11.5		A	HSX	80	1	2	3
9896		SVTO	04	14	1330	S08	W42	04	11.4		A	HSX	90	1	2	3
9896		HOLL	04	14	1423	S11	W41	04	11.5		A	HSX	90	1	2	3
9896	31123	MWIL	04	14	2000	S10	W44	04	11.5	5	(AP)					
9896		LEAR	04	15	0048	S09	W48	04	11.4		A	HSX	100	1	2	4
9896		SVTO	04	15	0535	S08	W51	04	11.4		A	HSX	60	1	2	2

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

APRIL 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
9896		HOLL	04	15	1356	S11	W54	04	11.5		A	HSX	100	1	2	3
9896		LEAR	04	16	0053	S09	W60	04	11.5		A	HSX	70	1	2	1
9896		SVTO	04	16	0624	S11	W66	04	11.3		A	HSX	90	1	2	3
9896		TACH	04	16	0633	S08	W61	04	11.7			HSX	50	1	2	3
9896		HOLL	04	16	1405	S10	W68	04	11.5		A	HSX	100	1	1	2
9896	31123	MWIL	04	16	1445	S09	W70	04	11.4	4	(AP)					
9896		LEAR	04	17	0045	S09	W72	04	11.6		A	HSX	60	2	2	3
9896		VORO	04	17	0053	S10	W74	04	11.5			HRX	48	1		3
9896		SVTO	04	17	0608	S10	W78	04	11.4		A	HSX	60	1	2	3
9896		RAMY	04	17	1220	S09	W79	04	11.6		A	HSX	30	1	2	3
9896		HOLL	04	17	1425	S12	W80	04	11.6		A	AXX	10	1	1	3
9905	31133	MWIL	04	09	1500	S16	E24	04	11.4	4	(BG)					
9905		VORO	04	09	2342	S17	E18	04	11.3			AXX	7	1		3
9905		LEAR	04	10	0100	S16	E15	04	11.2		B	BXO	10	2	4	1
9905		SVTO	04	10	1130	S16	E10	04	11.2		B	CAO	50	6	6	2
9905		HOLL	04	10	1407	S17	E09	04	11.3		B	CSO	50	4	3	4
9905	31133	MWIL	04	10	1430	S16	E10	04	11.4	4	(B)					
9905		RAMY	04	10	1630	S16	E07	04	11.2		B	DSO	20	3	5	2
9905		VORO	04	10	2205	S16	E04	04	11.2			BXO	68	7	4	2
9905		LEAR	04	11	0050	S15	E03	04	11.3		B	CAO	30	10	5	1
9905		TACH	04	11	0631	S15	W03	04	11.0			BRO	36	5	4	3
9905		HOLL	04	11	1436	S15	W08	04	11.0		B	CAO	50	8	6	4
9905	31133	MWIL	04	11	1500	S15	W08	04	11.0	4	(B)					
9905		SVTO	04	11	1502	S15	W08	04	11.0		B	CSO	50	9	6	2
9905		RAMY	04	11	1517	S15	W10	04	10.9		B	CSO	10	4	3	3
9905		VORO	04	11	2314	S15	W14	04	10.9			BXO	46	6	2	2
9905		LEAR	04	12	0030	S15	W13	04	11.0		B	DAO	40	12	6	4
9905		RAMY	04	12	1447	S16	W21	04	11.0		B	DAO	60	12	9	2
9905	31133	MWIL	04	12	1500	S15	W21	04	11.0	4	B					
9905		VORO	04	12	2237	S16	W26	04	11.0			BXO	93	7	6	3
9905		LEAR	04	13	0235	S15	W28	04	11.0		BG	DAO	40	10	7	2
9905		HOLL	04	13	1430	S15	W37	04	10.8		B	DAO	70	4	9	4
9905	31133	MWIL	04	13	1500	S15	W36	04	10.9	4	(B)					
9905		VORO	04	14	0044	S14	W42	04	10.8			DSO	79	4	6	3
9905		LEAR	04	14	0050	S13	W43	04	10.8		B	CAO	50	4	7	2
9905		RAMY	04	14	1210	S14	W49	04	10.8		B	DSO	50	3	7	3
9905		SVTO	04	14	1330	S13	W53	04	10.6		B	DSO	60	4	9	3
9905		HOLL	04	14	1423	S15	W48	04	11.0		B	DAO	80	5	10	3
9905	31133	MWIL	04	14	2000	S15	W53	04	10.8	4	(BP)					
9905		LEAR	04	15	0048	S14	W57	04	10.7		B	DSO	150	12	7	4
9905		SVTO	04	15	0535	S13	W59	04	10.8		B	DSO	70	4	8	2
9905		HOLL	04	15	1356	S16	W64	04	10.7		B	CAO	70	5	8	3
9905		LEAR	04	16	0053	S14	W70	04	10.7		B	DSO	90	3	6	1
9905		SVTO	04	16	0624	S16	W76	04	10.5		B	DSO	60	3	8	3
9905		TACH	04	16	0633	S14	W73	04	10.7			CSO	35	2	10	3
9905		HOLL	04	16	1405	S15	W76	04	10.8		A	AXX	10	1	1	2
9905	31133	MWIL	04	16	1445	S15	W78	04	10.7	4	(B)					
9898		HOLL	04	05	1504	S19	E84	04	12.0		A	AXX	10	1	1	2
9898	31124	MWIL	04	05	2200	S18	E80	04	12.0	4	(AP)					
9898		LEAR	04	06	0040	S19	E77	04	11.9		A	HAX	30	1	2	4
9898		SVTO	04	06	0720	S18	E74	04	11.9		B	CSO	30	2	2	3
9898		HOLL	04	06	1510	S19	E71	04	12.0		B	DAO	50	2	2	4
9898		RAMY	04	06	1915	S20	E68	04	12.0		B	DSO	50	2	3	1
9898		LEAR	04	07	0025	S18	E65	04	12.0		B	BXO	10	4	3	3
9898		SVTO	04	07	0618	S18	E63	04	12.0		B	CSO	40	3	3	3
9898		HOLL	04	07	1500	S18	E55	04	11.8		B	BXO	30	5	3	3
9898	31124	MWIL	04	07	1645	S18	E54	04	11.8	4	(B)					
9898		LEAR	04	08	0127	S19	E50	04	11.9		B	CRO	30	4	2	3
9898		TACH	04	08	0429	S18	E43	04	11.5			AR	6	2	2	4
9898		KAND	04	08	0720	S17	E47	04	11.9			AX		1		3
9898		SVTO	04	08	0734	S19	E46	04	11.8		B	CSO	10	3	3	3
9898		RAMY	04	08	1306	S20	E42	04	11.7		A	AXX		1		2
9898		HOLL	04	08	1429	S18	E42	04	11.8		A	AXX	10	2	1	3
9898	31124	MWIL	04	08	1430	S18	E42	04	11.8	3	(AF)					
9898		LEAR	04	09	0145	S18	E36	04	11.8		A	AXX		1		1
9898		KAND	04	09	1050	S18	E32	04	11.9			AX		1		2
9898		RAMY	04	09	1406	S18	E24	04	11.4		B	DSO	20	2	8	2

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9898		HOLL	04	09	1458	S16	E24	04	11.4		B	BXO	10	5	8	3
9898		LEAR	04	10	0100	S19	E23	04	11.8		A	AXX		1		1
9898		TACH	04	10	0457	S15	E15	04	11.3			BXO	20	2	6	4
9898		SVTO	04	10	1130	S18	E18	04	11.8		A	AXX	10	1	1	2
9898		HOLL	04	10	1407	S19	E17	04	11.9		A	AXX	10	2	1	4
9898	31135	MWIL	04	10	1430	S18	E15	04	11.7	4	(AF)					
9898		RAMY	04	10	1630	S19	E14	04	11.7		A	HSX	10	1	1	2
9898		LEAR	04	11	0050	S18	E09	04	11.7		A	AXX		1		1
9898		HOLL	04	11	1436	S18	E03	04	11.8		A	AXX	10	1	1	4
9898	31135	MWIL	04	11	1500	S18	E02	04	11.8	3	(AF)					
9898		RAMY	04	11	1517	S16	E05	04	12.0		B	BXO		4	4	3
9899		HOLL	04	06	1510	N18	E75	04	12.3		A	HAX	180	1	3	4
9899		RAMY	04	06	1915	N17	E76	04	12.6		A	HSX	90	1	2	1
9899		LEAR	04	07	0025	N19	E75	04	12.7		A	HSX	120	1	2	3
9899		SVTO	04	07	0618	N18	E71	04	12.7		A	HSX	180	1	3	3
9899		HOLL	04	07	1500	N17	E63	04	12.4		A	HAX	240	1	3	3
9899	31127	MWIL	04	07	1645	N19	E64	04	12.6	5	(AP)					
9899		LEAR	04	08	0127	N18	E59	04	12.5		A	HSX	180	3	4	3
9899		TACH	04	08	0429	N18	E52	04	12.1			HSX	300	1	4	4
9899		KAND	04	08	0720	N19	E58	04	12.7			HS		2	3	3
9899		SVTO	04	08	0734	N18	E57	04	12.6		B	DSO	220	4	4	3
9899		RAMY	04	08	1306	N17	E55	04	12.7		B	CSO	170	2	4	2
9899		HOLL	04	08	1429	N18	E54	04	12.7		A	HKX	300	8	3	3
9899	31127	MWIL	04	08	1430	N19	E53	04	12.6	6	(BP)					
9899		LEAR	04	09	0145	N18	E46	04	12.6		BG	DKO	270	8	9	1
9899		KAND	04	09	1050	N19	E42	04	12.6			CKO		9	5	2
9899		RAMY	04	09	1406	N17	E40	04	12.6		B	DSO	150	5	5	2
9899		HOLL	04	09	1458	N18	E40	04	12.7		B	DAO	250	10	6	3
9899	31127	MWIL	04	09	1500	N19	E40	04	12.7	6	(BG)					
9899		VORO	04	09	2342	N20	E36	04	12.7			HKX	431	5	3	3
9899		LEAR	04	10	0100	N18	E34	04	12.6		BG	DSO	230	8	5	1
9899		TACH	04	10	0457	N19	E30	04	12.5			CAO	332	4	4	4
9899		SVTO	04	10	1130	N19	E29	04	12.7		B	DSO	260	15	5	2
9899		HOLL	04	10	1407	N18	E27	04	12.6		B	CAO	190	8	5	4
9899	31127	MWIL	04	10	1430	N19	E27	04	12.7	5	(BG)					
9899		RAMY	04	10	1630	N19	E26	04	12.7		B	DAO	230	5	4	2
9899		VORO	04	10	2205	N19	E23	04	12.7			HKX	499	5	3	2
9899		LEAR	04	11	0050	N17	E23	04	12.8		BG	DHO	250	5	5	1
9899		TACH	04	11	0631	N17	E16	04	12.5			CAO	323	6	3	3
9899		HOLL	04	11	1436	N17	E14	04	12.7		B	DAO	200	8	4	4
9899	31127	MWIL	04	11	1500	N19	E13	04	12.6	5	(BP)					
9899		SVTO	04	11	1502	N18	E14	04	12.7		B	DSO	140	4	6	2
9899		RAMY	04	11	1517	N18	E12	04	12.5		B	DSO	240	5	4	3
9899		VORO	04	11	2314	N18	E09	04	12.6			HKX	334	5	1	2
9899		LEAR	04	12	0030	N17	E08	04	12.6		B	DSO	180	9	6	4
9899		RAMY	04	12	1447	N18	E00	04	12.6		B	DAO	190	8	4	2
9899	31127	MWIL	04	12	1500	N19	W00	04	12.6	5	BP					
9899		VORO	04	12	2237	N18	W04	04	12.6			HKX	391	3	1	3
9899		LEAR	04	13	0235	N18	W06	04	12.6		B	DAO	190	8	4	2
9899		HOLL	04	13	1430	N18	W15	04	12.5		A	HAX	150	3	3	4
9899	31127	MWIL	04	13	1500	N18	W14	04	12.5	5	(AP)					
9899		VORO	04	14	0044	N19	W19	04	12.6			HKX	308	4		3
9899		LEAR	04	14	0050	N19	W19	04	12.6		A	HAX	160	3	2	2
9899		RAMY	04	14	1210	N19	W25	04	12.6		B	CSO	180	3	3	3
9899		SVTO	04	14	1330	N19	W27	04	12.5		B	CSO	220	5	5	3
9899		HOLL	04	14	1423	N18	W27	04	12.5		A	HSX	180	3	3	3
9899	31127	MWIL	04	14	2000	N18	W30	04	12.5	5	(AP)					
9899		LEAR	04	15	0048	N19	W32	04	12.6		B	CSO	180	2	3	4
9899		SVTO	04	15	0535	N20	W35	04	12.5		B	DAO	170	3	5	2
9899		HOLL	04	15	1356	N17	W40	04	12.5		A	HSX	170	1	2	3
9899		LEAR	04	16	0053	N19	W45	04	12.6		A	HSX	120	2	2	1
9899		SVTO	04	16	0624	N18	W49	04	12.5		B	CSO	160	2	4	3
9899		TACH	04	16	0633	N19	W45	04	12.8			HSX	180	1	3	3
9899		HOLL	04	16	1405	N18	W53	04	12.5		A	HSX	110	1	2	2
9899	31127	MWIL	04	16	1445	N19	W54	04	12.5	5	(AP)					
9899		LEAR	04	17	0045	N19	W58	04	12.6		A	HSX	80	1	2	3
9899		VORO	04	17	0053	N19	W58	04	12.6			HRX	147	1		3
9899		SVTO	04	17	0608	N19	W64	04	12.4		A	HSX	110	1	4	3

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9899		RAMY	04	17	1220	N20	W65	04	12.5		A	HSX	100	1	3	3
9899		HOLL	04	17	1425	N18	W67	04	12.5		A	HAX	100	1	2	3
9899		SVTO	04	18	0920	N20	W79	04	12.3		A	HSX	120	1	2	3
9899		RAMY	04	18	1231	N20	W80	04	12.4		A	HSX	60	1	2	3
9899		HOLL	04	18	1430	N17	W80	04	12.5		A	HAX	120	1	2	3
9899	31127	MWIL	04	18	1445	N19	W80	04	12.5	5	AP					
9902C	31138	MWIL	04	12	1500	S13	E16	04	13.8	4	AP					
9902B	31142	MWIL	04	14	2000	S22	W09	04	14.1	3	(AP)					
9902		HOLL	04	07	1500	N11	E89	04	14.3		A	HAX	120	1	2	3
9902	31128	MWIL	04	07	1645	N12	E80	04	13.7	5	AP					
9902		LEAR	04	08	0127	N11	E85	04	14.4		A	HSX	80	1	2	3
9902		TACH	04	08	0429	N12	E68	04	13.3			HSX	60	1	2	4
9902		KAND	04	08	0720	N13	E74	04	13.9			HS		1	2	3
9902		SVTO	04	08	0734	N13	E78	04	14.2		B	CSO	90	3	10	3
9902		RAMY	04	08	1306	N10	E70	04	13.8		A	HSX	50	1	2	2
9902		HOLL	04	08	1429	N14	E72	04	14.0		B	CSO	90	3	10	3
9902	31128	MWIL	04	08	1430	N12	E68	04	13.7	5	(AP)					
9902		LEAR	04	09	0145	N14	E69	04	14.3		B	EAO	170	3	14	1
9902		KAND	04	09	1050	N12	E61	04	14.0			CAO		4	14	2
9902		RAMY	04	09	1406	N10	E62	04	14.2		B	ESO	80	3	15	2
9902		HOLL	04	09	1458	N13	E62	04	14.3		B	ESO	130	4	15	3
9902	31128	MWIL	04	09	1500	N13	E54	04	13.7	5	(AP)					
9902		VORO	04	09	2342	N12	E50	04	13.7			HHX	214	1		3
9902		LEAR	04	10	0100	N13	E54	04	14.1		B	ESO	60	3	15	1
9902		TACH	04	10	0457	N13	E46	04	13.7			DSO	150	2	7	4
9902		SVTO	04	10	1130	N13	E49	04	14.2		B	FSO	110	3	17	2
9902		HOLL	04	10	1407	N12	E49	04	14.3		B	EAO	90	4	14	4
9902	31128	MWIL	04	10	1430	N11	E43	04	13.8	5	(AP)					
9902		RAMY	04	10	1630	N13	E46	04	14.1		B	ESO	130	3	14	2
9902		VORO	04	10	2205	N11	E37	04	13.7			HAX	88	1		2
9902		LEAR	04	11	0050	N12	E42	04	14.2		B	ESO	90	3	14	1
9902		TACH	04	11	0631	N11	E32	04	13.7			CSO	182	2	6	3
9902		TACH	04	11	0631	N14	E43	04	14.5			HX	60	2	1	3
9902		HOLL	04	11	1436	N13	E37	04	14.4		B	FSO	80	6	16	4
9902	31128	MWIL	04	11	1500	N13	E37	04	14.4	5	(B)					
9902		SVTO	04	11	1502	N13	E34	04	14.2		B	ESO	110	3	15	2
9902		RAMY	04	11	1517	N13	E34	04	14.2		B	ESO	70	5	12	3
9902		VORO	04	11	2314	N11	E23	04	13.7			HAX	74	1		2
9902		LEAR	04	12	0030	N14	E32	04	14.4		B	CSO	110	7	14	4
9902		RAMY	04	12	1447	N13	E21	04	14.2		B	FAO	140	11	14	2
9902	31128	MWIL	04	12	1500	N12	E20	04	14.1	5	B					
9902		VORO	04	12	2237	N11	E13	04	13.9			HAX	130	4	4	3
9902		LEAR	04	13	0235	N12	E14	04	14.2		B	DSO	80	8	14	2
9902		HOLL	04	13	1430	N13	E08	04	14.2		B	EAO	100	7	13	4
9902	31128	MWIL	04	13	1500	N13	E06	04	14.1	5	(BP)					
9902		VORO	04	14	0044	N11	W04	04	13.7			HAX	120	3		3
9902		LEAR	04	14	0050	N12	E02	04	14.2		B	EAO	80	10	14	2
9902		RAMY	04	14	1210	N13	W04	04	14.2		B	ESO	60	11	14	3
9902		SVTO	04	14	1330	N13	W09	04	13.9		B	ESO	80	12	11	3
9902		HOLL	04	14	1423	N13	W06	04	14.1		B	CSO	120	12	16	3
9902	31128	MWIL	04	14	2000	N14	W13	04	13.8	4	(BP)					
9902		LEAR	04	15	0048	N12	W15	04	13.9		B	CSO	140	10	5	4
9902		SVTO	04	15	0535	N13	W18	04	13.9		B	DSO	100	5	5	2
9902		HOLL	04	15	1356	N12	W24	04	13.8		B	CSO	100	7	5	3
9902		LEAR	04	16	0053	N12	W29	04	13.8		B	CAO	70	8	5	1
9902		SVTO	04	16	0624	N11	W33	04	13.8		B	CSO	70	5	6	3
9902		TACH	04	16	0633	N13	W30	04	14.0			CSO	64	3	3	3
9902		HOLL	04	16	1405	N13	W38	04	13.7		B	CSO	60	3	4	2
9902	31128	MWIL	04	16	1445	N13	W37	04	13.8	4	(BP)					
9902		LEAR	04	17	0045	N13	W41	04	13.9		B	CSO	60	4	3	3
9902		VORO	04	17	0053	N11	W43	04	13.8			HRX	51	1		3
9902		SVTO	04	17	0608	N13	W46	04	13.8		B	CSO	60	2	5	3
9902		RAMY	04	17	1220	N12	W49	04	13.8		B	CAO	50	4	3	3
9902		HOLL	04	17	1425	N11	W51	04	13.8		A	HSX	30	1	1	3
9902		VORO	04	18	0028	N11	W57	04	13.7			HRX	61	1		3
9902		SVTO	04	18	0920	N12	W62	04	13.7		A	HSX	40	1	2	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
9902		RAMY	04	18	1231	N13	W63	04	13.8		A	HSX	40	2	3	3
9902		HOLL	04	18	1430	N12	W65	04	13.7		A	HAX	100	1	2	3
9902	31128	MWIL	04	18	1445	N12	W66	04	13.6	4	(AP)					
9902		VORO	04	18	2202	N11	W68	04	13.8			HRX	70	1		3
9902		LEAR	04	19	0025	N12	W69	04	13.8		A	HSX	60	1	2	4
9902		SVTO	04	19	0725	N12	W78	04	13.4		A	HSX	30	1	1	3
9902		RAMY	04	19	1230	N13	W79	04	13.6		A	HSX	30	1	2	2
9902A		VORO	04	11	2314	S31	E32	04	14.5			HAX	32	1		2
9903		SVTO	04	08	0734	N19	E83	04	14.6		B	DSO	60	2	7	3
9903		RAMY	04	08	1306	N18	E80	04	14.6		B	ESO	60	2	11	2
9903		HOLL	04	08	1429	N20	E79	04	14.6		B	CSO	50	4	4	3
9903	31131	MWIL	04	08	1430	N14	E79	04	14.6	4	B					
9903		LEAR	04	09	0145	N18	E71	04	14.5		B	DSO	60	2	4	1
9903		KAND	04	09	1050	N19	E71	04	14.9			BXO		2	3	2
9903		RAMY	04	09	1406	N17	E65	04	14.5		B	DSO	50	2	3	2
9903		HOLL	04	09	1458	N19	E63	04	14.4		B	CAO	50	6	5	3
9903	31131	MWIL	04	09	1500	N15	E65	04	14.5	4	(BP)					
9903	31132	MWIL	04	09	1500	N20	E62	04	14.4	5	(B)					
9903		VORO	04	09	2342	N15	E60	04	14.5			DSO	78	3	7	3
9903		VORO	04	09	2342	N20	E60	04	14.6			DSO	80	3	2	3
9903		LEAR	04	10	0100	N19	E57	04	14.4		B	CAO	110	10	4	1
9903		TACH	04	10	0457	N16	E59	04	14.7			HSX	80	1	2	4
9903		TACH	04	10	0457	N20	E52	04	14.2			CSO	90	2	3	4
9903		SVTO	04	10	1130	N21	E55	04	14.7		B	DAO	110	6	9	2
9903		HOLL	04	10	1407	N18	E51	04	14.5		B	CSO	40	3	3	4
9903	31131	MWIL	04	10	1430	N15	E51	04	14.5	5	(B)					
9903	31132	MWIL	04	10	1430	N20	E50	04	14.4	4	(B)					
9903		RAMY	04	10	1630	N20	E50	04	14.5		B	DSO	20	2	3	2
9903		VORO	04	10	2205	N15	E51	04	14.8			HAX	74	1		2
9903		VORO	04	10	2205	N19	E46	04	14.4			DSO	34	2	3	2
9903		LEAR	04	11	0050	N19	E46	04	14.5		B	DAO	60	4	5	1
9903		TACH	04	11	0631	N18	E38	04	14.2			CAI	3	5	3	3
9903		HOLL	04	11	1436	N18	E38	04	14.5		B	CSO	40	4	3	4
9903	31132	MWIL	04	11	1500	N19	E38	04	14.5	4	(BP)					
9903		SVTO	04	11	1502	N19	E38	04	14.5		B	DSO	40	5	4	2
9903		RAMY	04	11	1517	N20	E38	04	14.5		B	DSO	20	6	3	3
9903		VORO	04	11	2314	N15	E37	04	14.8			HAX	36	1		2
9903		VORO	04	11	2314	N19	E33	04	14.5			BXO	16	2	3	2
9903		LEAR	04	12	0030	N18	E30	04	14.3		B	CRO	30	4	4	4
9903		RAMY	04	12	1447	N19	E25	04	14.5		B	CSO	20	5	3	2
9903	31132	MWIL	04	12	1500	N19	E24	04	14.4	4	B					
9903		VORO	04	12	2237	N15	E24	04	14.7			AXX	32	4		3
9903		VORO	04	12	2237	N19	E18	04	14.3			AXX	5	1		3
9903	31132	MWIL	04	13	1500	N20	E10	04	14.4	3	(AP)					
9903		VORO	04	14	0044	N15	E10	04	14.8			AXX	14	2		3
9903		SVTO	04	14	1330	N15	E03	04	14.8		A	HSX	10	1	1	3
9903	31141	MWIL	04	14	2000	N18	W01	04	14.7	3	(AP)					
9903		LEAR	04	15	0048	N16	E01	04	15.1		A	AXX	20	5	3	4
9903		SVTO	04	15	0535	N16	W07	04	14.7		A	HSX	10	1	1	2
9903		HOLL	04	15	1356	N16	W08	04	15.0		B	BXO	10	4	6	3
9903		LEAR	04	16	0053	N16	W12	04	15.1		A	AXX	100	2	1	1
9903		SVTO	04	16	0624	N16	W16	04	15.0		A	AXX	10	2	1	3
9903		HOLL	04	16	1405	N18	W21	04	15.0		A	AXX	10	2	2	2
9903	31141	MWIL	04	16	1445	N18	W21	04	15.0	4	(AF)					
9906		HOLL	04	09	1458	S16	E72	04	15.1		B	BXO	20	2	4	3
9906	31134	MWIL	04	09	1500	S15	E70	04	14.9	4	(B)					
9906		HOLL	04	10	1407	S16	E60	04	15.1		A	AXX	10	1	1	4
9906	31134	MWIL	04	10	1430	S14	E59	04	15.1	4	(B)					
9906		RAMY	04	10	1630	S15	E58	04	15.1		B	DSO	30	2	3	2
9906		VORO	04	10	2205	S14	E56	04	15.1			HAX	62	3		2
9906		LEAR	04	11	0050	S16	E53	04	15.0		B	DAO	60	5	5	1
9906		TACH	04	11	0631	S15	E46	04	14.7			CAI	95	8	1	3
9906		HOLL	04	11	1436	S16	E45	04	15.0		B	CSO	70	9	6	4
9906	31134	MWIL	04	11	1500	S15	E44	04	14.9	4	(B)					
9906		SVTO	04	11	1502	S15	E44	04	14.9		B	DAO	100	8	4	2
9906		RAMY	04	11	1517	S15	E45	04	15.0		B	DSO	70	10	4	3

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9906		VORO	04	11	2314	S14	E39	04	14.9			DSO	126	19	3	2
9906		LEAR	04	12	0030	S16	E38	04	14.9		B	DAI	150	17	6	4
9906		RAMY	04	12	1447	S15	E31	04	15.0		BG	DAI	280	25	9	2
9906	31134	MWIL	04	12	1500	S15	E30	04	14.9	5	BG					
9906		VORO	04	12	2237	S14	E26	04	14.9			DSO	446	23	7	3
9906		LEAR	04	13	0235	S16	E24	04	14.9		BG	DKC	430	41	9	2
9906		HOLL	04	13	1430	S14	E18	04	15.0		BG	DKC	490	37	10	4
9906	31134	MWIL	04	13	1500	S15	E17	04	14.9	5	(D)					
9906		VORO	04	14	0044	S15	E12	04	14.9			DSO	492	30	8	3
9906		LEAR	04	14	0050	S15	E11	04	14.9		BGD	DKI	560	41	9	2
9906		RAMY	04	14	1210	S15	E04	04	14.8		BGD	EKI	630	26	12	3
9906		SVTO	04	14	1330	S14	E03	04	14.8		BG	EKI	620	33	14	3
9906		HOLL	04	14	1423	S15	E04	04	14.9		BGD	EKC	720	32	12	3
9906	31134	MWIL	04	14	2000	S15	E00	04	14.8	5	(D)					
9906		LEAR	04	15	0048	S15	W03	04	14.8		BGD	EKI	700	47	13	4
9906		SVTO	04	15	0535	S15	W05	04	14.8		BG	EKO	600	12	12	2
9906		HOLL	04	15	1356	S15	W07	04	15.0		BGD	FKC	740	32	13	3
9906		LEAR	04	16	0053	S15	W16	04	14.8		BGD	EKI	480	29	12	1
9906		SVTO	04	16	0624	S15	W19	04	14.8		BGD	EKI	660	21	13	3
9906		TACH	04	16	0633	S12	W17	04	15.0			DAI	822	10	8	3
9906		HOLL	04	16	1405	S14	W23	04	14.8		BGD	EKC	540	35	13	2
9906	31134	MWIL	04	16	1445	S15	W23	04	14.9	5	(D)					
9906		LEAR	04	17	0045	S13	W28	04	14.9		BGD	EKI	580	26	11	3
9906		VORO	04	17	0053	S15	W29	04	14.8			DKI	883	12	9	3
9906		SVTO	04	17	0608	S14	W32	04	14.8		BGD	EKI	630	19	14	3
9906		RAMY	04	17	1220	S13	W35	04	14.9		BGD	EKI	730	28	12	3
9906		HOLL	04	17	1425	S15	W37	04	14.8		BGD	EKC	660	31	13	3
9906		VORO	04	18	0028	S15	W41	04	14.9			DKI	884	14	10	3
9906		SVTO	04	18	0920	S13	W47	04	14.8		BG	EAC	770	29	15	3
9906		RAMY	04	18	1231	S13	W48	04	14.9		BGD	EKC	740	34	14	3
9906		HOLL	04	18	1430	S15	W50	04	14.8		BGD	EKC	810	35	15	3
9906	31134	MWIL	04	18	1445	S14	W48	04	15.0	5	(B)					
9906		VORO	04	18	2202	S14	W53	04	14.9			DKI	1003	12	10	3
9906		LEAR	04	19	0025	S13	W54	04	14.9		BG	EKC	830	48	14	4
9906		SVTO	04	19	0725	S14	W58	04	14.9		BG	EKI	740	28	15	3
9906		RAMY	04	19	1230	S13	W61	04	14.9		BGD	EKI	790	29	14	2
9906		HOLL	04	19	1520	S15	W61	04	15.0		BGD	EKC	1010	35	15	3
9906		VORO	04	19	2245	S15	W67	04	14.9			DKI	1021	12	11	3
9906		LEAR	04	20	0023	S14	W67	04	14.9		BG	EKC	770	41	15	4
9906		SVTO	04	20	0553	S15	W70	04	14.9		BG	DAI	620	14	9	3
9906	31134	MWIL	04	20	1500	S15	W74	04	15.0	5	(B)					
9906		HOLL	04	20	1700	S14	W76	04	15.0		BG	EAC	600	19	15	2
9906		LEAR	04	21	0015	S14	W77	04	15.2		BG	EAI	330	14	12	3
9906		SVTO	04	21	1032	S16	W89	04	14.7		B	DAO	90	4	9	3
9906		HOLL	04	21	1355	S16	W86	04	15.0		B	DAO	120	3	10	3
9906	31134	MWIL	04	21	1445	S16	W83	04	15.3	4	(AF)					
9906		RAMY	04	21	1455	S12	W88	04	15.0		A	HSX	30	1	4	2
9906C	31139	MWIL	04	13	1500	S24	E24	04	15.5	3	(AP)					
9906A	31143	MWIL	04	14	2000	S17	E15	04	16.0	3	(AP)					
9907A	31144	MWIL	04	14	2000	S20	E30	04	17.1	3	(AP)					
9907		LEAR	04	11	0050	S04	E84	04	17.3		A	HSX	30	1	2	1
9907		TACH	04	11	0631	S03	E79	04	17.2			CAI	112	4	1	3
9907		HOLL	04	11	1436	S04	E78	04	17.4		B	DAI	200	14	10	4
9907	31136	MWIL	04	11	1500	S03	E78	04	17.4	5	(B)					
9907		SVTO	04	11	1502	S05	E78	04	17.5		B	ESO	240	6	11	2
9907		RAMY	04	11	1517	S03	E80	04	17.6		B	ESO	240	7	13	3
9907		VORO	04	11	2314	S02	E74	04	17.5			DAO	426	5	9	2
9907		LEAR	04	12	0030	S05	E73	04	17.5		BG	EKI	380	10	14	4
9907		RAMY	04	12	1447	S04	E65	04	17.5		BG	EAI	370	21	11	2
9907	31136	MWIL	04	12	1500	S03	E66	04	17.5	5	BG					
9907		VORO	04	12	2237	S02	E61	04	17.5			DAO	609	18	9	3
9907		LEAR	04	13	0235	S05	E58	04	17.4		BG	EAI	360	25	13	2
9907		HOLL	04	13	1430	S04	E51	04	17.4		BG	DAC	480	33	9	4
9907	31136	MWIL	04	13	1500	S03	E52	04	17.5	5	(B)					
9907		VORO	04	14	0044	S02	E47	04	17.5			DAO	347	14	10	3

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9907		LEAR	04	14	0050	S05	E46	04	17.5		B	DAI	480	28	10	2
9907		RAMY	04	14	1210	S04	E39	04	17.4		B	DAI	300	19	10	3
9907		SVTO	04	14	1330	S05	E38	04	17.4		B	DAI	290	25	10	3
9907		HOLL	04	14	1423	S03	E38	04	17.4		BG	EAI	310	28	12	3
9907	31136	MWIL	04	14	2000	S04	E36	04	17.5	4	(B)					
9907		LEAR	04	15	0048	S05	E33	04	17.5		BG	EAI	290	50	11	4
9907		SVTO	04	15	0535	S04	E31	04	17.5		B	DAO	220	13	10	2
9907		HOLL	04	15	1356	S03	E25	04	17.4		BG	EAI	290	31	11	3
9907		LEAR	04	16	0053	S04	E19	04	17.4		B	DAO	230	36	10	1
9907		SVTO	04	16	0624	S03	E16	04	17.5		B	EAO	180	17	11	3
9907		TACH	04	16	0633	S02	E15	04	17.4			CAI	131	14	8	3
9907		HOLL	04	16	1405	S03	E12	04	17.5		BG	EAI	110	24	12	2
9907	31136	MWIL	04	16	1445	S03	E12	04	17.5	4	(B)					
9907		LEAR	04	17	0045	S03	E06	04	17.5		B	ESI	50	31	10	3
9907		VORO	04	17	0053	S03	E06	04	17.5			BXI	155	16	9	3
9907		SVTO	04	17	0608	S02	E03	04	17.5		B	EAI	150	23	11	3
9907		RAMY	04	17	1220	S03	W01	04	17.4		B	EAI	80	27	11	3
9907		HOLL	04	17	1425	S03	W03	04	17.4		BG	DAI	120	17	10	3
9907		VORO	04	18	0028	S03	W08	04	17.4			BXI	145	8	8	3
9907		SVTO	04	18	0920	S02	W14	04	17.3		B	DAI	80	16	9	3
9907		RAMY	04	18	1231	S01	W16	04	17.3		B	DSO	50	17	6	3
9907		HOLL	04	18	1430	S03	W17	04	17.3		B	DAO	80	15	6	3
9907	31136	MWIL	04	18	1445	S03	W17	04	17.3	4	(BP)					
9907		VORO	04	18	2202	S03	W18	04	17.6			BXI	61	4	12	3
9907		LEAR	04	19	0025	S03	W23	04	17.3		B	CAO	80	10	8	4
9907		SVTO	04	19	0725	S03	W27	04	17.3		B	DSO	70	6	8	3
9907		RAMY	04	19	1230	S03	W29	04	17.3		B	DSO	40	7	6	2
9907		HOLL	04	19	1520	S04	W31	04	17.3		B	DSO	70	6	6	3
9907		VORO	04	19	2245	S04	W36	04	17.2			AXX	70	5	5	3
9907		LEAR	04	20	0023	S03	W36	04	17.3		B	DAO	90	8	7	4
9907		SVTO	04	20	0553	S03	W40	04	17.2		B	DSO	50	3	6	3
9907	31136	MWIL	04	20	1500	S04	W44	04	17.3	4	(AP)					
9907		HOLL	04	20	1700	S03	W46	04	17.3		B	DAO	40	3	6	2
9907		LEAR	04	21	0015	S03	W48	04	17.4		B	CRO	30	3	6	3
9907		SVTO	04	21	1032	S03	W57	04	17.2		B	BXO	20	2	5	3
9907		HOLL	04	21	1355	S04	W58	04	17.2		B	BXO	10	2	5	3
9907	31136	MWIL	04	21	1445	S04	W57	04	17.3	4	(AP)					
9907B	31146	MWIL	04	16	1445	S01	E24	04	18.4	4	(AF)					
9910	31145	MWIL	04	14	2000	S21	E67	04	20.0	3	(AP)					
9910		LEAR	04	15	0048	S22	E62	04	19.8		B	BXO	50	6	4	4
9910		SVTO	04	15	0535	S22	E60	04	19.8		B	BXO	20	2	3	2
9910		HOLL	04	15	1356	S18	E54	04	19.7		A	AXX	10	3	1	3
9910		LEAR	04	16	0053	S21	E48	04	19.7		B	CAO	40	6	5	1
9910		SVTO	04	16	0624	S21	E46	04	19.8		B	DRO	30	4	5	3
9910		TACH	04	16	0633	S17	E42	04	19.5			BXO	31	2	3	3
9910		HOLL	04	16	1405	S19	E41	04	19.7		B	CSO	30	4	7	2
9910	31145	MWIL	04	16	1445	S19	E40	04	19.7	4	(B)					
9910		LEAR	04	17	0045	S20	E34	04	19.6		B	CSO	20	5	7	3
9910		VORO	04	17	0053	S19	E30	04	19.3			AXX	17	1		3
9910		SVTO	04	17	0608	S19	E32	04	19.7		B	DAO	70	5	7	3
9910		RAMY	04	17	1220	S20	E27	04	19.6		B	DAO	60	14	8	3
9910		HOLL	04	17	1425	S19	E27	04	19.7		B	DSO	90	9	8	3
9910		VORO	04	18	0028	S20	E21	04	19.6			DSI	259	6	6	3
9910		SVTO	04	18	0920	S19	E16	04	19.6		B	DAO	220	15	10	3
9910		RAMY	04	18	1231	S20	E13	04	19.5		B	DAO	160	21	9	3
9910		HOLL	04	18	1430	S20	E12	04	19.5		B	DAO	250	17	10	3
9910	31145	MWIL	04	18	1445	S20	E13	04	19.6	5	(B)					
9910		VORO	04	18	2202	S20	E09	04	19.6			DKO	274	2	9	3
9910		LEAR	04	19	0025	S20	E07	04	19.5		B	DAO	250	21	10	4
9910		SVTO	04	19	0725	S20	E02	04	19.5		B	EAO	190	12	11	3
9910		RAMY	04	19	1230	S20	E00	04	19.5		B	EAO	230	14	11	2
9910		HOLL	04	19	1520	S20	W02	04	19.5		B	DKO	180	17	10	3
9910		VORO	04	19	2245	S20	W05	04	19.6			CHI	341	8	9	3
9910		LEAR	04	20	0023	S20	W06	04	19.5		B	EAO	190	30	12	4
9910		SVTO	04	20	0553	S20	W08	04	19.6		B	EAO	190	15	13	3
9910	31145	MWIL	04	20	1500	S20	W14	04	19.5	5	(BG)					
9910		HOLL	04	20	1700	S20	W15	04	19.6		B	EAO	150	21	12	2

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NOAA/ USAF Group	Mt Wilson Group	Sta	Observation Time Mo	Day	(UT)	Lat	CMD	CMP Mo	Day	Max H	Mag Class	Spot Class	Corrected Area (10-6 Hemi)	Spot Count	Long. Extent (Deg)	Qual
9910		LEAR	04	21	0015	S21	W18	04	19.6		B	EAO	140	14	11	3
9910		SVTO	04	21	1032	S21	W26	04	19.4		B	ESO	90	11	11	3
9910		HOLL	04	21	1355	S21	W26	04	19.6		B	CAO	90	13	12	3
9910	31145	MWIL	04	21	1445	S20	W27	04	19.5	4	(B)					
9910		RAMY	04	21	1455	S18	W33	04	19.1		A	HAX	50	1	1	2
9910		LEAR	04	22	0035	S21	W34	04	19.4		B	EAO	100	11	11	3
9910		SVTO	04	22	0611	S21	W37	04	19.4		B	ESO	100	4	11	3
9910	31145	MWIL	04	22	1430	S21	W42	04	19.4	5	(BP)					
9910		HOLL	04	22	1445	S22	W40	04	19.5		B	CSO	60	4	11	3
9910		RAMY	04	22	1525	S18	W47	04	19.1		A	HAX	50	1	1	2
9910		LEAR	04	23	0141	S21	W46	04	19.5		B	CSO	90	3	11	2
9910		RAMY	04	23	1308	S17	W59	04	19.1		A	HSX	80	1	3	3
9910	31145	MWIL	04	23	1430	S21	W56	04	19.3	5	(BP)					
9910		HOLL	04	23	1622	S21	W58	04	19.2		A	HSX	70	1	2	2
9910		LEAR	04	24	0038	S21	W59	04	19.5		B	CSO	80	2	10	4
9910		VORO	04	24	0442	S22	W67	04	19.0			HSX	70	1		2
9910		TACH	04	24	0529	S20	W64	04	19.3			HSX	60	1	2	3
9910		SVTO	04	24	0607	S22	W69	04	18.9		A	HSX	100	1	2	2
9910		KAND	04	24	1300	S20	W72	04	19.0			HA		1	2	3
9910		HOLL	04	24	1401	S21	W71	04	19.1		A	HSX	60	1	1	2
9910		VORO	04	24	2130	S21	W77	04	19.0			HSX	68	1		2
9910		LEAR	04	25	0100	S21	W74	04	19.4		A	HSX	40	2	2	2
9909	31140	MWIL	04	13	1500	N02	E87	04	20.1	5	AP					
9909		VORO	04	14	0044	N07	E82	04	20.2			HAX	184	1		3
9909		LEAR	04	14	0050	N07	E79	04	19.9		A	HSX	60	1	2	2
9909		RAMY	04	14	1210	N07	E75	04	20.1		A	HSX	120	1	3	3
9909		SVTO	04	14	1330	N05	E78	04	20.4		B	CSO	120	2	6	3
9909		HOLL	04	14	1423	N07	E74	04	20.1		A	HSX	180	1	2	3
9909	31140	MWIL	04	14	2000	N07	E69	04	20.0	4	(AP)					
9909		LEAR	04	15	0048	N06	E67	04	20.0		A	HSX	190	1	2	4
9909		SVTO	04	15	0535	N07	E67	04	20.2		A	HSX	180	1	4	2
9909		HOLL	04	15	1356	N07	E60	04	20.1		A	HSX	160	1	2	3
9909		LEAR	04	16	0053	N06	E54	04	20.1		A	HAX	130	2	2	1
9909		SVTO	04	16	0624	N08	E51	04	20.1		B	CSO	140	2	4	3
9909		TACH	04	16	0633	N08	E48	04	19.9			HSX	200	1	2	3
9909		HOLL	04	16	1405	N08	E47	04	20.1		A	HAX	120	2	2	2
9909	31140	MWIL	04	16	1445	N07	E47	04	20.1	5	(AP)					
9909		LEAR	04	17	0045	N06	E40	04	20.0		B	DSO	70	4	3	3
9909		VORO	04	17	0053	N08	E41	04	20.1			HAX	194	2		3
9909		SVTO	04	17	0608	N08	E37	04	20.0		B	DAO	120	4	4	3
9909		RAMY	04	17	1220	N08	E34	04	20.1		B	DAO	120	6	6	3
9909		HOLL	04	17	1425	N08	E33	04	20.1		A	HSX	70	3	2	3
9909		VORO	04	18	0028	N07	E28	04	20.1			HAX	170	2		3
9909		SVTO	04	18	0920	N08	E23	04	20.1		A	HSX	100	3	3	3
9909		RAMY	04	18	1231	N08	E21	04	20.1		B	CSO	90	3	3	3
9909		HOLL	04	18	1430	N07	E20	04	20.1		B	DSO	120	3	3	3
9909	31140	MWIL	04	18	1445	N07	E19	04	20.0	4	(AP)					
9909		VORO	04	18	2202	N08	E15	04	20.0			HAX	151	2		3
9909		LEAR	04	19	0025	N07	E14	04	20.1		A	HSX	120	4	4	4
9909		SVTO	04	19	0725	N08	E09	04	20.0		B	DAO	110	2	3	3
9909		RAMY	04	19	1230	N08	E08	04	20.1		B	DSO	90	3	4	2
9909		HOLL	04	19	1520	N07	E07	04	20.2		A	HSX	130	4	3	3
9909		VORO	04	19	2245	N07	E02	04	20.1			HSX	117	3		3
9909		LEAR	04	20	0023	N07	E02	04	20.2		B	CSO	100	6	6	4
9909		SVTO	04	20	0553	N08	W02	04	20.1		B	DAO	110	8	6	3
9909	31140	MWIL	04	20	1500	N08	W06	04	20.2	5	(BP)					
9909		HOLL	04	20	1700	N07	W07	04	20.2		B	CAO	70	5	5	2
9909		LEAR	04	21	0015	N07	W12	04	20.1		B	CSO	60	3	3	3
9909		SVTO	04	21	1032	N05	W18	04	20.1		A	HSX	40	2	2	3
9909		HOLL	04	21	1355	N07	W19	04	20.1		A	HAX	60	3	2	3
9909	31140	MWIL	04	21	1445	N08	W19	04	20.2	5	(AP)					
9909		RAMY	04	21	1455	N09	W19	04	20.2		A	HSX	40	1	1	2
9909		LEAR	04	22	0035	N07	W25	04	20.1		A	HSX	40	2	2	3
9909		SVTO	04	22	0611	N08	W28	04	20.1		A	HSX	70	1	2	3
9909	31140	MWIL	04	22	1430	N07	W33	04	20.1	5	(AP)					
9909		HOLL	04	22	1445	N07	W33	04	20.1		A	HSX	40	1	2	3
9909		RAMY	04	22	1525	N10	W33	04	20.2		A	HSX	40	1	1	2
9909		LEAR	04	23	0141	N07	W39	04	20.1		A	HSX	40	2	1	2

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9909		RAMY	04	23	1308	N10	W45	04	20.2		A	HSX	40	1	2	3
9909	31140	MWIL	04	23	1430	N07	W45	04	20.2	5	(AP)					
9909		HOLL	04	23	1622	N07	W46	04	20.2		A	HSX	50	1	2	2
9909		LEAR	04	24	0038	N07	W51	04	20.2		A	HSX	60	1	1	4
9909		VORO	04	24	0442	N07	W54	04	20.1			HSX	48	1		2
9909		TACH	04	24	0529	N07	W52	04	20.3			HSX	50	1	1	3
9909		SVTO	04	24	0607	N08	W57	04	20.0		A	HSX	30	1	2	2
9909		KAND	04	24	1300	N08	W59	04	20.1			HS		1	2	3
9909		HOLL	04	24	1401	N07	W59	04	20.2		A	HAX	40	1	1	2
9909		VORO	04	24	2130	N08	W64	04	20.1			HSX	30	1		2
9909		LEAR	04	25	0100	N08	W64	04	20.2		A	HSX	20	1	1	2
9909		KAND	04	25	1230	N09	W72	04	20.1			AX		1		3
9909		VORO	04	25	2157	N07	W76	04	20.2			AXX	14	1		3
9911		SVTO	04	18	0920	S13	E32	04	20.8		B	CRO	20	4	3	3
9911		RAMY	04	18	1231	S13	E29	04	20.7		B	CSO	20	4	4	3
9911		HOLL	04	18	1430	S12	E28	04	20.7		B	BXO	10	4	3	3
9911	31147	MWIL	04	18	1445	S13	E27	04	20.6	4	(B)					
9911		VORO	04	18	2202	S13	E25	04	20.8			BXI	35	3	4	3
9911		LEAR	04	19	0025	S13	E22	04	20.7		B	DAO	50	7	5	4
9911		SVTO	04	19	0725	S13	E18	04	20.7		B	CSO	40	4	5	3
9911		RAMY	04	19	1230	S13	E16	04	20.7		B	DSO	40	8	6	2
9911		HOLL	04	19	1520	S12	E18	04	21.0		B	CAO	20	5	2	3
9911		VORO	04	19	2245	S12	E12	04	20.8			BXI	39	5	3	3
9911		LEAR	04	20	0023	S12	E09	04	20.7		B	DAO	40	9	6	4
9911		SVTO	04	20	0553	S13	E05	04	20.6		B	DSO	30	9	7	3
9911	31147	MWIL	04	20	1500	S12	E00	04	20.6	4	(B)					
9911		HOLL	04	20	1700	S13	W01	04	20.6		B	BXO	10	5	6	2
9911A	31152	MWIL	04	21	1445	S25	W07	04	21.1	4	(AF)					
9912		SVTO	04	18	0920	N11	E37	04	21.2		B	DSO	40	4	3	3
9912		RAMY	04	18	1231	N10	E35	04	21.1		B	DSO	40	5	4	3
9912		HOLL	04	18	1430	N11	E32	04	21.0		B	DAO	70	4	4	3
9912	31148	MWIL	04	18	1445	N11	E33	04	21.1	4	(B)					
9912		VORO	04	18	2202	N10	E30	04	21.2			CRI	101	4	3	3
9912		LEAR	04	19	0025	N09	E28	04	21.1		B	DAO	70	12	4	4
9912		SVTO	04	19	0725	N10	E23	04	21.0		B	DAO	90	8	5	3
9912		RAMY	04	19	1230	N10	E22	04	21.2		B	DAO	70	13	4	2
9912		HOLL	04	19	1520	N09	E19	04	21.1		B	DAO	20	15	5	3
9912		VORO	04	19	2245	N10	E15	04	21.1			DAI	184	9	3	3
9912		LEAR	04	20	0023	N09	E14	04	21.1		B	DAO	210	32	6	4
9912		SVTO	04	20	0553	N11	E12	04	21.1		B	DAO	160	20	6	3
9912	31148	MWIL	04	20	1500	N10	E07	04	21.1	5	(B)					
9912		HOLL	04	20	1700	N10	E05	04	21.1		B	DAI	260	21	6	2
9912		LEAR	04	21	0015	N09	E02	04	21.2		BG	DAI	230	23	6	3
9912		SVTO	04	21	1032	N10	W05	04	21.1		BG	DAI	250	15	9	3
9912		HOLL	04	21	1355	N10	W07	04	21.0		BG	DAC	320	29	7	3
9912	31148	MWIL	04	21	1445	N10	W07	04	21.1	5	(B)					
9912		RAMY	04	21	1455	N10	W07	04	21.1		B	DAO	300	13	7	2
9912		LEAR	04	22	0035	N09	W13	04	21.0		BG	DAI	300	23	6	3
9912		SVTO	04	22	0611	N10	W16	04	21.0		BG	DAI	340	12	8	3
9912	31148	MWIL	04	22	1430	N10	W20	04	21.1	5	(BD)					
9912		HOLL	04	22	1445	N09	W20	04	21.1		BD	DKC	310	14	7	3
9912		RAMY	04	22	1525	N12	W21	04	21.1		B	DSO	350	8	6	2
9912		LEAR	04	23	0141	N09	W27	04	21.0		B	DSI	300	17	6	2
9912		RAMY	04	23	1308	N12	W32	04	21.1		B	DAO	230	15	7	3
9912	31148	MWIL	04	23	1430	N10	W34	04	21.0	5	(B)					
9912		HOLL	04	23	1622	N10	W34	04	21.1		B	DKI	210	15	7	2
9912		LEAR	04	24	0038	N09	W39	04	21.1		B	DSI	280	21	5	4
9912		VORO	04	24	0442	N10	W42	04	21.0			DKI	348	6	3	2
9912		TACH	04	24	0529	N09	W40	04	21.2			DAI	340	10	4	3
9912		SVTO	04	24	0607	N09	W45	04	20.9		BG	DAO	200	12	8	2
9912		KAND	04	24	1300	N11	W46	04	21.1			DSO		5	7	3
9912		HOLL	04	24	1401	N09	W47	04	21.0		B	DAO	170	7	7	2
9912		VORO	04	24	2130	N11	W52	04	21.0			DAI	352	6	4	2
9912		LEAR	04	25	0100	N11	W53	04	21.0		B	DAO	130	6	6	2
9912		KAND	04	25	1230	N12	W56	04	21.3			CAO		4	13	3
9912		VORO	04	25	2157	N10	W66	04	20.9			HAX	277	3		3

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9912		LEAR	04	26	0040	N11	W66	04	21.1		BG	DSO	120	6	6	2
9912		SVTO	04	26	0627	N11	W67	04	21.2		BG	CAO	150	7	11	3
9912		HOLL	04	26	1535	N09	W78	04	20.8		A	HAX	90	1	2	1
9912		VORO	04	26	2248	N10	W79	04	21.0			HAX	181	1		2
9912		LEAR	04	27	0028	N11	W78	04	21.1		A	HAX	90	2	2	3
9912		SVTO	04	27	0537	N11	W78	04	21.4		B	DAO	60	2	5	3
9913		LEAR	04	19	0025	S15	E34	04	21.6		B	CAO	30	3	3	4
9913		HOLL	04	19	1520	S15	E28	04	21.7		B	BXO	80	9	7	3
9913		LEAR	04	20	0023	S16	E22	04	21.7		B	BXO	30	7	7	4
9913		SVTO	04	20	0553	S15	E19	04	21.7		B	CSO	20	5	5	3
9913	31149	MWIL	04	20	1500	S12	E11	04	21.4	4	(AP)					
9913		LEAR	04	21	0015	S17	E10	04	21.8		B	BXO	30	10	7	3
9913		HOLL	04	21	1355	S17	E03	04	21.8		B	BXO	10	5	3	3
9913	31153	MWIL	04	21	1445	S16	E02	04	21.8	4	(BP)					
9913		LEAR	04	22	0035	S15	W07	04	21.5		B	CRO	20	6	2	3
9913		SVTO	04	22	0611	S14	W10	04	21.5		B	CRO	20	3	1	3
9913	31153	MWIL	04	22	1430	S15	W13	04	21.6	4	(BG)					
9913		HOLL	04	22	1445	S15	W13	04	21.6		B	BXO	40	7	4	3
9913		RAMY	04	22	1525	S14	W16	04	21.4		A	HSX	10	1	1	2
9913		LEAR	04	23	0141	S15	W20	04	21.5		B	CRO	20	2	3	2
9913		RAMY	04	23	1308	S14	W27	04	21.5		B	DSO	40	9	7	3
9913	31153	MWIL	04	23	1430	S16	W26	04	21.6	4	(BP)					
9913		HOLL	04	23	1622	S15	W26	04	21.7		B	CSO	10	6	6	2
9913		LEAR	04	24	0038	S16	W32	04	21.6		BG	CSO	40	17	5	4
9913		VORO	04	24	0442	S15	W35	04	21.5			BXI	29	4	2	2
9913		TACH	04	24	0529	S14	W33	04	21.7			BRO	35	5	3	3
9913		SVTO	04	24	0607	S15	W37	04	21.4		B	DSO	40	8	6	2
9913		KAND	04	24	1300	S14	W39	04	21.6			CSO		6	4	3
9913		HOLL	04	24	1401	S16	W39	04	21.6		B	CSO	40	9	5	2
9913		VORO	04	24	2130	S15	W44	04	21.6			BXI	33	6	4	2
9913		LEAR	04	25	0100	S14	W46	04	21.6		B	CSO	40	6	5	2
9913		KAND	04	25	1230	S14	W53	04	21.5			BXO		6	6	3
9913		VORO	04	25	2157	S14	W59	04	21.4			AXX	7	1		3
9913		LEAR	04	26	0040	S14	W60	04	21.5		B	CAO	40	8	6	2
9913		SVTO	04	26	0627	S15	W64	04	21.4		B	CRO	40	5	4	3
9913		HOLL	04	26	1535	S17	W66	04	21.6		B	BXO	20	2	4	1
9913B	31154	MWIL	04	21	1445	N11	E11	04	22.4	4	(AP)					
9913A		LEAR	04	20	0023	S21	E32	04	22.5		B	BXO	20	2	2	4
9923		LEAR	04	24	0038	S03	W19	04	22.6		B	CRO	30	10	4	4
9923		TACH	04	24	0529	S03	W20	04	22.7			AR	22	2	1	3
9923		SVTO	04	24	0607	S03	W23	04	22.5		B	CAO	20	4	3	2
9923		KAND	04	24	1300	S03	W26	04	22.6			BXO		2	5	3
9923		HOLL	04	24	1401	S04	W25	04	22.7		A	AXX	10	2	2	2
9923		LEAR	04	25	0100	S03	W35	04	22.4		B	CRO	40	6	7	2
9923		KAND	04	25	1230	S02	W40	04	22.5			BXO		7	8	3
9923		LEAR	04	26	0040	S03	W47	04	22.5		B	DAO	50	9	7	2
9923		SVTO	04	26	0627	S03	W52	04	22.4		B	CSO	30	7	8	3
9923		HOLL	04	26	1535	S05	W53	04	22.7		B	CRO	30	3	2	1
9923		LEAR	04	27	0028	S02	W59	04	22.6		B	CRO	30	4	4	3
9923		SVTO	04	27	0537	S03	W63	04	22.5		B	BXO	20	3	6	3
9923		HOLL	04	27	1423	S04	W66	04	22.7		A	AXX	10	1	1	1
9923A		SVTO	04	22	0611	N06	E09	04	22.9		A	AXX		1		3
9923A	31156	MWIL	04	22	1430	N06	E05	04	23.0	4	(B)					
9923A		HOLL	04	22	1445	N05	E04	04	22.9		B	BXO	20	3	3	3
9925		KAND	04	24	1300	S12	W15	04	23.4			BXO		4	3	3
9925		HOLL	04	24	1401	S14	W16	04	23.4		B	DSO	40	5	4	2
9925		LEAR	04	25	0100	S14	W24	04	23.2		B	DSO	40	8	4	2
9925		KAND	04	25	1230	S12	W30	04	23.3			BXO		13	7	3
9925		LEAR	04	26	0040	S13	W36	04	23.3		B	CRO	30	5	5	2
9925		SVTO	04	26	0627	S14	W41	04	23.2		B	CSO	20	5	6	3
9925		HOLL	04	26	1535	S14	W47	04	23.1		B	BXO	10	2	2	1
9925		LEAR	04	27	0028	S13	W53	04	23.0		B	BXO	10	2	2	3
9925		SVTO	04	27	0537	S14	W55	04	23.1		A	AXX	20	2	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
9925		HOLL	04	27	1423	S14	W58	04	23.2		A	HSX	10	1	1	1
9925A	31160	MWIL	04	23	1430	S04	W03	04	23.4	4	(B)					
9920		LEAR	04	23	0141	S23	E09	04	23.8		B	CRO	20	3	3	2
9920		RAMY	04	23	1308	S24	E01	04	23.6		B	DSO	30	5	3	3
9920	31161	MWIL	04	23	1430	S24	E02	04	23.7	4	(D)					
9920		HOLL	04	23	1622	S23	E01	04	23.7		B	CSO	30	2	3	2
9920		LEAR	04	24	0038	S23	W02	04	23.9		B	CAO	20	2	4	4
9920		TACH	04	24	0529	S22	W06	04	23.8			AXX	40	1	1	3
9920		SVTO	04	24	0607	S23	W07	04	23.7		B	CRO	10	2	2	2
9920		KAND	04	24	1300	S23	W10	04	23.8			AX		2	1	3
9920		HOLL	04	24	1401	S23	W11	04	23.7		A	HSX	10	1	1	2
9920		LEAR	04	25	0100	S24	W16	04	23.8		B	CSO	20	2	1	2
9920		KAND	04	25	1230	S23	W22	04	23.8			AX		2	1	3
9920		LEAR	04	27	0028	S20	W40	04	24.0		B	CRO	10	2	2	3
9920		KAND	04	27	0630	S22	W45	04	23.8			AX		1		4
9924		LEAR	04	24	0038	S17	E05	04	24.4		BG	DAO	50	21	6	4
9924		TACH	04	24	0529	S16	E01	04	24.3			BRI	97	11	5	3
9924		SVTO	04	24	0607	S16	E02	04	24.4		B	DAO	70	14	6	2
9924		KAND	04	24	1300	S16	W01	04	24.5			CRO		10	7	3
9924		HOLL	04	24	1401	S17	W02	04	24.4		B	DAO	50	17	9	2
9924		LEAR	04	25	0100	S15	W08	04	24.4		B	DAO	30	6	8	2
9924		KAND	04	25	1230	S15	W17	04	24.2			AX		3	1	3
9924		LEAR	04	26	0040	S15	W25	04	24.1		B	CRO	10	2	2	2
9924		SVTO	04	26	0627	S16	W27	04	24.2		B	BXO	10	4	5	3
9924		HOLL	04	26	1535	S16	W33	04	24.1		A	HSX	10	1	1	1
9924		LEAR	04	27	0028	S15	W39	04	24.1		A	HRX	10	1		3
9924	31164	MWIL	04	29	1445	S15	W75	04	23.9	3	(AP)					
9914		RAMY	04	19	1230	N03	E79	04	25.4		A	HSX	20	1	1	2
9914		HOLL	04	19	1520	N05	E76	04	25.3		A	AXX	10	1	1	3
9914		LEAR	04	20	0023	N03	E70	04	25.2		B	CAO	60	5	5	4
9914		SVTO	04	20	0553	N08	E70	04	25.5		B	CSO	30	2	4	3
9914	31150	MWIL	04	20	1500	N06	E63	04	25.3	4	(B)					
9914		HOLL	04	20	1700	N05	E62	04	25.3		B	DSO	40	3	7	2
9914		LEAR	04	21	0015	N04	E57	04	25.3		B	CAO	60	4	5	3
9914		SVTO	04	21	1032	N05	E52	04	25.3		B	CAO	60	5	7	3
9914		HOLL	04	21	1355	N05	E48	04	25.2		B	DAO	90	8	5	3
9914	31150	MWIL	04	21	1445	N05	E48	04	25.2	5	(BP)					
9914		RAMY	04	21	1455	N03	E49	04	25.3		B	DSO	70	2	5	2
9914		LEAR	04	22	0035	N04	E43	04	25.2		B	DSO	120	8	7	3
9914		SVTO	04	22	0611	N04	E41	04	25.3		B	DSO	140	5	7	3
9914	31150	MWIL	04	22	1430	N05	E35	04	25.2	5	(B)					
9914		HOLL	04	22	1445	N04	E35	04	25.2		B	DAI	190	16	8	3
9914		RAMY	04	22	1525	N05	E35	04	25.3		B	DAO	150	7	8	2
9914		LEAR	04	23	0141	N04	E29	04	25.2		BG	DAO	110	16	8	2
9914		RAMY	04	23	1308	N03	E22	04	25.2		B	DAO	150	15	8	3
9914	31150	MWIL	04	23	1430	N04	E22	04	25.2	5	(B)					
9914		HOLL	04	23	1622	N04	E23	04	25.4		B	DAI	170	14	10	2
9914		LEAR	04	24	0038	N04	E16	04	25.2		B	DAO	240	31	9	4
9914		TACH	04	24	0529	N03	E10	04	25.0			DAI	476	13	8	3
9914		SVTO	04	24	0607	N05	E12	04	25.1		B	DAO	210	11	10	2
9914		KAND	04	24	1300	N04	E09	04	25.2			DSO		7	9	3
9914		HOLL	04	24	1401	N04	E10	04	25.3		BG	EAC	240	18	11	2
9914		LEAR	04	25	0100	N04	E02	04	25.2		B	DAO	180	10	9	2
9914		KAND	04	25	1230	N05	W04	04	25.2			EAO		8	11	3
9914		LEAR	04	26	0040	N05	W12	04	25.1		B	DAO	250	12	9	2
9914		SVTO	04	26	0627	N04	W16	04	25.1		B	DSO	290	7	9	3
9914		HOLL	04	26	1535	N04	W21	04	25.1		B	DSO	160	5	9	1
9914		LEAR	04	27	0028	N05	W25	04	25.1		B	DSO	220	12	9	3
9914		SVTO	04	27	0537	N05	W28	04	25.1		B	DSO	220	8	9	3
9914		KAND	04	27	0630	N06	W29	04	25.1			DSO		5	9	4
9914		HOLL	04	27	1423	N04	W33	04	25.1		B	DAO	220	5	9	1
9914		LEAR	04	28	0335	N05	W40	04	25.1		B	DSO	200	8	9	2
9914		SVTO	04	28	0630	N06	W42	04	25.1		B	DSO	180	3	10	3
9914		HOLL	04	28	1411	N04	W46	04	25.1		B	DAO	140	4	8	2
9914		LEAR	04	29	0120	N06	W53	04	25.1		B	DSO	130	3	8	1

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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
9914		TACH	04	29	0518	N05	W52	04	25.3			DSO	220	2	6	3
9914		SVTO	04	29	0913	N06	W58	04	25.0		B	DSO	180	2	8	2
9914		KAND	04	29	1300	N07	W61	04	25.0			CAO		4	10	4
9914		HOLL	04	29	1338	N05	W58	04	25.2		B	DAO	150	4	8	3
9914	31150	MWIL	04	29	1445	N05	W61	04	25.0	4	(BP)					
9914		LEAR	04	30	0116	N05	W68	04	25.0		B	CSO	100	3	8	4
9914		SVTO	04	30	0732	N05	W70	04	25.1		B	CSO	120	2	10	3
9914	31150	MWIL	04	30	1445	N05	W77	04	24.8	5	AP					
9914		HOLL	04	30	1908	N06	W80	04	24.8		A	HSX	110	1	2	2
9914		LEAR	05	01	0027	N05	W80	04	25.1		A	HSX	50	1	2	3
9915	31151	MWIL	04	20	1500	N14	E77	04	26.4	4	(B)					
9915		HOLL	04	20	1700	N12	E72	04	26.1		A	AXX	10	1	1	2
9915		LEAR	04	21	0015	N10	E65	04	25.9		B	BXO	30	3	3	3
9915		SVTO	04	21	1032	N12	E63	04	26.2		B	CRO	40	2	5	3
9915		HOLL	04	21	1355	N12	E59	04	26.0		B	CSO	40	4	5	3
9915	31151	MWIL	04	21	1445	N12	E59	04	26.0	4	(B)					
9915		RAMY	04	21	1455	N09	E59	04	26.0		A	HAX	20	1	1	2
9915		LEAR	04	22	0035	N12	E53	04	26.0		B	DAO	90	7	5	3
9915		SVTO	04	22	0611	N12	E51	04	26.1		B	DAO	90	5	5	3
9915	31151	MWIL	04	22	1430	N12	E45	04	26.0	5	(B)					
9915		HOLL	04	22	1445	N12	E46	04	26.1		B	CAI	180	15	8	3
9915		RAMY	04	22	1525	N10	E47	04	26.2		B	DAO	120	7	7	2
9915		LEAR	04	23	0141	N12	E39	04	26.0		B	DAO	190	15	7	2
9915		RAMY	04	23	1308	N10	E33	04	26.0		B	DAO	200	14	6	3
9915	31151	MWIL	04	23	1430	N12	E32	04	26.0	5	(BG)					
9915		HOLL	04	23	1622	N12	E32	04	26.1		B	DKO	140	11	8	2
9915		LEAR	04	24	0038	N12	E26	04	26.0		BG	CAO	170	14	6	4
9915		TACH	04	24	0529	N09	E19	04	25.6			HSX	280	1	2	3
9915		SVTO	04	24	0607	N13	E22	04	25.9		B	CAO	220	8	7	2
9915		KAND	04	24	1300	N11	E18	04	25.9			HA		2	2	3
9915		HOLL	04	24	1401	N12	E18	04	25.9		B	DKO	150	7	5	2
9915		LEAR	04	25	0100	N12	E13	04	26.0		B	CAO	130	10	5	2
9915		KAND	04	25	1230	N11	E06	04	26.0			CAO		8	6	3
9915		LEAR	04	26	0040	N12	E01	04	26.1		B	DAO	190	12	7	2
9915		SVTO	04	26	0627	N11	W04	04	26.0		B	DAO	180	11	7	3
9915		HOLL	04	26	1535	N11	W09	04	26.0		B	DKI	210	15	7	1
9915		LEAR	04	27	0028	N12	W14	04	26.0		B	DKO	280	15	7	3
9915		SVTO	04	27	0537	N11	W17	04	25.9		B	DKO	270	15	8	3
9915		KAND	04	27	0630	N13	W18	04	25.9			DAO		14	5	4
9915		HOLL	04	27	1423	N11	W22	04	25.9		B	DKI	310	18	7	1
9915		LEAR	04	28	0335	N12	W29	04	26.0		B	DAI	260	20	8	2
9915		SVTO	04	28	0630	N13	W31	04	25.9		BG	ESO	260	18	11	3
9915		HOLL	04	28	1411	N12	W36	04	25.9		B	DAI	200	16	8	2
9915		LEAR	04	29	0120	N13	W42	04	25.9		B	DAI	180	7	7	1
9915		TACH	04	29	0518	N12	W41	04	26.1			DAO	280	4	6	3
9915		SVTO	04	29	0913	N13	W47	04	25.8		B	DSO	200	6	7	2
9915		KAND	04	29	1300	N13	W49	04	25.8			DAO		5	8	4
9915		HOLL	04	29	1338	N12	W47	04	26.0		B	DAI	210	11	8	3
9915	31151	MWIL	04	29	1445	N12	W49	04	25.9	5	(B)					
9915		LEAR	04	30	0116	N12	W55	04	25.9		B	DSO	80	6	8	4
9915		SVTO	04	30	0732	N12	W61	04	25.7		BG	EAO	240	6	14	3
9915	31151	MWIL	04	30	1445	N12	W63	04	25.9	4	BP					
9915		HOLL	04	30	1908	N12	W69	04	25.6		B	CSO	170	4	8	2
9915		LEAR	05	01	0027	N11	W67	04	26.1		B	DAO	190	5	9	3
9915		SVTO	05	01	0549	N14	W70	04	26.0		B	CAO	150	3	9	3
9915		KAND	05	01	0820	N12	W75	04	25.8			CSO		4	10	4
9915	31151	MWIL	05	01	1445	N12	W77	04	25.9	4	(BP)					
9915		HOLL	05	01	1510	N12	W78	04	25.8		A	HAX	120	2	2	4
9915A		LEAR	04	22	0035	S30	E56	04	26.4		B	CRO	20	2	4	3
9915A		SVTO	04	22	0611	S30	E54	04	26.5		B	CRO	20	2	2	3
9915A	31157	MWIL	04	22	1430	S28	E49	04	26.4	4	(AP)					
9915A		HOLL	04	22	1445	S28	E49	04	26.4		A	AXX	10	1	1	3
9915A		KAND	04	25	1230	S29	E12	04	26.5			AX		2		3
9921	31158	MWIL	04	22	1430	N14	E57	04	26.9	4	(AP)					
9921		RAMY	04	23	1308	N11	E46	04	27.0		A	AXX		1	1	3
9921	31158	MWIL	04	23	1430	N13	E43	04	26.8	4	(AP)					

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9921		HOLL	04	23	1622	N14	E44	04	27.0		A	AXX	10	2	2	2
9921		LEAR	04	27	0028	N12	W01	04	26.9		B	DAO	30	6	2	3
9921		SVTO	04	27	0537	N14	W04	04	26.9		B	DAO	30	4	4	3
9921		KAND	04	27	0630	N15	W05	04	26.9			BXO		6	3	4
9921		HOLL	04	27	1423	N13	W08	04	27.0		B	DAO	30	6	3	1
9921		LEAR	04	28	0335	N14	W16	04	26.9		B	DAO	40	5	4	2
9921		SVTO	04	28	0630	N14	W18	04	26.9		B	CSO	50	7	6	3
9921		HOLL	04	28	1411	N14	W22	04	26.9		B	DSO	50	3	4	2
9921		LEAR	04	29	0120	N15	W28	04	26.9		B	DSO	20	3	3	1
9921		SVTO	04	29	0913	N14	W34	04	26.8		B	CRO	10	2	1	2
9921		HOLL	04	29	1338	N14	W36	04	26.8		A	AXX	10	1	1	3
9921	31158	MWIL	04	29	1445	N13	W37	04	26.8	3	(AP)					
9916		LEAR	04	21	0015	S17	E83	04	27.3		A	HSX	30	1	2	3
9916		SVTO	04	21	1032	S17	E79	04	27.4		B	CSO	60	3	5	3
9916		HOLL	04	21	1355	S15	E76	04	27.3		B	DAO	150	4	7	3
9916	31155	MWIL	04	21	1445	S16	E77	04	27.4	4	(B)					
9916		RAMY	04	21	1455	S18	E77	04	27.5		B	DAO	150	4	6	2
9916		LEAR	04	22	0035	S16	E72	04	27.5		B	DAO	120	5	8	3
9916		SVTO	04	22	0611	S17	E71	04	27.6		B	DSO	130	5	9	3
9916	31155	MWIL	04	22	1430	S16	E65	04	27.5	4	(B)					
9916		HOLL	04	22	1445	S16	E63	04	27.4		B	ESO	200	16	13	3
9916		RAMY	04	22	1525	S19	E65	04	27.6		B	DSO	130	6	10	2
9916		LEAR	04	23	0141	S17	E58	04	27.5		B	DAO	150	9	9	2
9916		RAMY	04	23	1308	S20	E52	04	27.5		B	DAO	120	8	8	3
9916	31155	MWIL	04	23	1430	S16	E52	04	27.5	5	(B)					
9916		HOLL	04	23	1622	S17	E51	04	27.5		B	DAI	190	11	9	2
9916		LEAR	04	24	0038	S18	E44	04	27.4		B	EAO	120	25	12	4
9916		TACH	04	24	0529	S16	E37	04	27.0			CAI	198	15	10	3
9916		SVTO	04	24	0607	S17	E40	04	27.3		B	EAO	90	12	13	2
9916		KAND	04	24	1300	S17	E40	04	27.6			ESO		8	12	3
9916		HOLL	04	24	1401	S17	E38	04	27.5		B	EAO	80	12	11	2
9916		LEAR	04	25	0100	S17	E32	04	27.5		B	DAO	50	9	8	2
9916		KAND	04	25	1230	S18	E29	04	27.7			BXO		12	9	3
9916		LEAR	04	26	0040	S18	E19	04	27.5		B	DAO	40	10	9	2
9916		SVTO	04	26	0627	S18	E17	04	27.6		B	CRO	20	5	10	3
9916		HOLL	04	26	1535	S17	E08	04	27.2		B	CSO	30	5	3	1
9916		LEAR	04	27	0028	S18	E07	04	27.5		B	CSO	20	9	7	3
9916		SVTO	04	27	0537	S18	E03	04	27.5		B	CRO	10	4	5	3
9916		KAND	04	27	0630	S15	E00	04	27.3			CSO		2	3	4
9916		HOLL	04	27	1423	S17	W03	04	27.4		B	CSO	20	4	7	1
9916		LEAR	04	28	0335	S17	W09	04	27.5		B	CRO	20	9	6	2
9916		SVTO	04	28	0630	S18	W10	04	27.5		B	BXX	40	8	7	3
9916		HOLL	04	28	1411	S18	W13	04	27.6		B	CSO	30	4	5	2
9916		HOLL	04	29	1338	S15	W25	04	27.7		B	CSO	30	4	5	3
9916	31155	MWIL	04	29	1445	S17	W27	04	27.6	3	(AF)					
9916A		HOLL	04	27	1423	S05	E06	04	28.0		A	AXX	10	1	1	1
9922		RAMY	04	23	1308	N18	E61	04	28.2		A	AXX	10	1	1	3
9922	31162	MWIL	04	23	1430	N21	E58	04	28.0	4	(AP)					
9922		HOLL	04	23	1622	N20	E59	04	28.2		A	AXX	10	2	3	2
9922		LEAR	04	24	0038	N21	E52	04	28.0		A	AXX	10	1		4
9922		KAND	04	24	1300	N22	E49	04	28.3			BXO		3	4	3
9922		HOLL	04	24	1401	N21	E46	04	28.1		B	BXO	20	3	4	2
9922		LEAR	04	25	0100	N23	E37	04	27.9		B	BXO	30	5	7	2
9922		KAND	04	25	1230	N21	E35	04	28.2			BXO		4	5	3
9922		LEAR	04	26	0040	N22	E25	04	27.9		B	BXO	20	3	11	2
9922		HOLL	04	27	1423	N22	E08	04	28.2		A	HAX	20	1	2	1
9922		LEAR	04	28	0335	N22	W02	04	28.0		A	AXX	10	1		2
9922		LEAR	04	29	0120	N22	W13	04	28.0		A	AXX	20	3	2	1
9922		TACH	04	29	0518	N20	W14	04	28.2			AR	22	2	1	3
9922		SVTO	04	29	0913	N22	W17	04	28.1		B	CSO	20	2	2	2
9922		KAND	04	29	1300	N22	W19	04	28.1			AX		2	3	4
9922		HOLL	04	29	1338	N21	W18	04	28.2		A	AXX	10	1	1	3
9922	31162	MWIL	04	29	1445	N22	W21	04	28.0	4	(B)					
9922		SVTO	04	30	0732	N22	W29	04	28.1		B	BXO	10	2	7	3
9922		HOLL	05	01	1510	N18	W49	04	28.0		A	AXX	20	3	2	4
9919	31159	MWIL	04	22	1430	N12	E86	04	29.1	5	AP					

S U N S P O T G R O U P S
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APRIL 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
9919		HOLL	04	22	1445	N12	E85	04	29.0		A	HSX	60	1	2	3
9919		RAMY	04	22	1525	N09	E85	04	29.0		A	HSX	60	1	5	2
9919		LEAR	04	23	0141	N11	E77	04	28.9		B	DSO	210	3	5	2
9919		RAMY	04	23	1308	N09	E72	04	28.9		B	DSO	120	2	6	3
9919	31159	MWIL	04	23	1430	N12	E71	04	28.9	5	(B)					
9919		HOLL	04	23	1622	N11	E71	04	29.0		B	DAO	180	2	3	2
9919		LEAR	04	24	0038	N11	E70	04	29.3		B	FAO	280	8	16	4
9919		TACH	04	24	0529	N11	E65	04	29.1			DAI	187	6	11	3
9919		SVTO	04	24	0607	N13	E68	04	29.4		B	FAO	210	6	18	2
9919		KAND	04	24	1300	N11	E61	04	29.1			DSO		2	3	3
9919		HOLL	04	24	1401	N11	E58	04	28.9		B	DAO	150	2	3	2
9919		LEAR	04	25	0100	N12	E58	04	29.4		B	EAO	100	7	15	2
9919		KAND	04	25	1230	N11	E48	04	29.1			DSO		3	4	3
9919		LEAR	04	26	0040	N12	E45	04	29.4		BG	EAO	200	6	13	2
9919		SVTO	04	26	0627	N12	E42	04	29.4		B	ESO	200	6	14	3
9919		HOLL	04	26	1535	N12	E36	04	29.4		B	ESO	130	8	14	1
9919		LEAR	04	27	0028	N11	E27	04	29.0		B	DSO	110	2	3	3
9919		SVTO	04	27	0537	N13	E24	04	29.0		B	DSO	100	4	6	3
9919		KAND	04	27	0630	N14	E23	04	29.0			CSO		3	4	4
9919		KAND	04	27	0630	N17	E24	04	29.1			AX		1		4
9919		HOLL	04	27	1423	N12	E24	04	29.4		B	EAO	150	9	14	1
9919		HOLL	04	27	1423	N13	E18	04	28.9		B	DAO	170	6	5	1
9919		LEAR	04	28	0335	N13	E12	04	29.0		BG	DSO	120	8	6	2
9919		SVTO	04	28	0630	N14	E10	04	29.0		B	DSO	140	9	8	3
9919		HOLL	04	28	1411	N15	E05	04	29.0		B	DSO	110	7	4	2
9919		LEAR	04	29	0120	N15	W02	04	28.9		B	DSO	100	9	4	1
9919		TACH	04	29	0518	N13	W04	04	28.9			CSI	235	4	1	3
9919		SVTO	04	29	0913	N15	W06	04	28.9		B	DSO	100	8	6	2
9919		KAND	04	29	1300	N14	W08	04	28.9			CSO		2	4	4
9919		KAND	04	29	1300	N17	W09	04	28.8			BXO		5	2	4
9919		HOLL	04	29	1338	N15	W08	04	29.0		B	CSO	70	5	6	3
9919	31159	MWIL	04	29	1445	N13	W08	04	29.0	4	(BP)					
9919	31165	MWIL	04	29	1445	N16	W10	04	28.8	4	(B)					
9919		LEAR	04	30	0116	N14	W15	04	28.9		B	CSO	40	6	3	4
9919		SVTO	04	30	0732	N14	W17	04	29.0		B	CSO	110	6	8	3
9919	31159	MWIL	04	30	1445	N13	W23	04	28.9	5	AP					
9919		HOLL	04	30	1908	N13	W29	04	28.6		A	HSX	70	1	2	2
9919		LEAR	05	01	0027	N12	W28	04	29.0		A	HAX	70	1	2	3
9919		SVTO	05	01	0549	N13	W31	04	29.0		A	HSX	50	1	2	3
9919		KAND	05	01	0820	N13	W32	04	29.0			HS		1	1	4
9919	31159	MWIL	05	01	1445	N12	W36	04	29.0	5	(AP)					
9919		HOLL	05	01	1510	N13	W36	04	29.0		A	HSX	70	1	2	4
9919		LEAR	05	02	0109	N12	W42	04	29.0		A	HSX	70	1	2	3
9919		SVTO	05	02	0632	N14	W44	04	29.0		A	HAX	60	1	1	3
9919		KAND	05	02	1150	N14	W49	04	28.9			HS		1	1	3
9919	31159	MWIL	05	02	1600	N12	W50	04	29.0	5	(AP)					
9919		HOLL	05	02	1610	N13	W50	04	29.0		A	HSX	60	1	2	3
9919		LEAR	05	03	0020	N13	W55	04	29.0		A	HSX	30	1	2	2
9919		SVTO	05	03	0606	N15	W58	04	29.0		A	HAX	80	1	1	2
9919		KAND	05	03	0750	N16	W59	04	28.9			HS		1	1	3
9919		HOLL	05	03	1420	N12	W63	04	28.9		A	HSX	40	1	2	4
9919	31159	MWIL	05	03	1445	N12	W63	04	29.0	4	(AP)					
9919		LEAR	05	04	0140	N13	W68	04	29.0		A	HSX	30	1	2	3
9919		KAND	05	04	0825	N15	W74	04	28.8			HS		1	2	4
9919	31159	MWIL	05	04	1445	N13	W76	04	29.0	4	(AP)					
9919A	31166	MWIL	04	29	1445	S09	W04	04	29.3	3	(AF)					
9926	31163	MWIL	04	23	1430	N12	E85	04	30.0	5	AP					
9926		KAND	04	24	1300	N12	E76	04	30.3			HA		2	2	3
9926		HOLL	04	24	1401	N14	E70	04	29.9		B	DSO	60	2	3	2
9926		KAND	04	25	1230	N12	E61	04	30.1			HA		4	2	3
9926		LEAR	04	27	0028	N11	E38	04	29.9		B	DAO	80	4	2	3
9926		SVTO	04	27	0537	N13	E35	04	29.9		B	DAO	50	3	4	3
9926		KAND	04	27	0630	N14	E34	04	29.8			DAO		3	4	4
9926		HOLL	04	27	1423	N12	E30	04	29.8		B	DSO	50	3	3	1
9926		LEAR	04	28	0335	N12	E22	04	29.8		B	DSO	70	4	3	2
9926		SVTO	04	28	0630	N13	E21	04	29.8		B	DSO	50	9	3	3
9926		HOLL	04	28	1411	N14	E13	04	29.6		B	DSO	50	8	3	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
9926		LEAR	04	29	0120	N14	E11	04	29.9		B	DSO	70	3	2	1
9926		TACH	04	29	0518	N13	E06	04	29.7			HA	100	3	2	3
9926		SVTO	04	29	0913	N13	E07	04	29.9		B	CAO	100	3	2	2
9926		KAND	04	29	1300	N14	E04	04	29.8			HA		3	2	4
9926		HOLL	04	29	1338	N14	E04	04	29.9		A	HAX	60	3	2	3
9926	31163	MWIL	04	29	1445	N13	E04	04	29.9	4	(BP)					
9926		LEAR	04	30	0116	N13	W03	04	29.8		B	CSO	40	5	2	4
9926		SVTO	04	30	0732	N14	W06	04	29.9		A	HAX	60	3	2	3
9926	31163	MWIL	04	30	1445	N14	W11	04	29.8	4	AP					
9926		HOLL	04	30	1908	N14	W13	04	29.8		B	CAO	90	6	4	2
9926		LEAR	05	01	0027	N13	W17	04	29.8		BG	DAO	80	12	4	3
9926		SVTO	05	01	0549	N15	W19	04	29.9		BG	DAO	70	9	4	3
9926		KAND	05	01	0820	N14	W20	04	29.9			CSO		12	4	4
9926	31163	MWIL	05	01	1445	N15	W24	04	29.9	5	(BG)					
9926		HOLL	05	01	1510	N14	W25	04	29.8		B	DAO	70	12	6	4
9926		LEAR	05	02	0109	N14	W30	04	29.9		BG	DAO	90	14	5	3
9926		SVTO	05	02	0632	N15	W33	04	29.9		BG	DSO	70	7	6	3
9926		KAND	05	02	1150	N15	W36	04	29.9			DSO		6	5	3
9926	31163	MWIL	05	02	1600	N14	W38	04	29.9	4	(BG)					
9926		HOLL	05	02	1610	N14	W38	04	29.9		BG	DAI	90	6	5	3
9926		LEAR	05	03	0020	N14	W44	04	29.8		BG	DAO	40	4	5	2
9926		TACH	05	03	0523	N11	W55	04	29.2			HSX	100	1	1	3
9926		TACH	05	03	0523	N12	W43	04	30.0			BRO	30	3	5	3
9926		SVTO	05	03	0606	N17	W45	04	29.9		BG	DSO	50	3	6	2
9926		KAND	05	03	0750	N17	W47	04	29.8			BXO		3	5	3
9926		HOLL	05	03	1420	N14	W52	04	29.8		B	BXO	40	5	6	4
9926	31163	MWIL	05	03	1445	N15	W51	04	29.8	4	(BG)					
9926		LEAR	05	04	0140	N14	W58	04	29.8		BG	DRO	50	6	5	3
9926		TACH	05	04	0528	N12	W68	04	29.2			HSX	60	1	2	2
9926		SVTO	05	04	0720	N14	W64	04	29.6		A	HSX	30	1	3	2
9926		HOLL	05	04	1520	N13	W65	04	29.8		A	HAX	60	1	2	4
9926		LEAR	05	05	0010	N13	W69	04	29.9		A	HSX	40	1	1	3
9926A		HOLL	04	26	1535	N07	E50	04	30.4		B	BXO	20	2	2	1
9926A		LEAR	04	27	0028	N02	E45	04	30.4		B	BXO	10	2	4	3
9926A		HOLL	04	27	1423	N03	E38	04	30.4		A	AXX	10	1	1	1
9930		HOLL	04	30	1908	N12	W02	04	30.6		B	CSO	10	6	7	2
9930		VORO	04	30	2228	N11	W03	04	30.7			AXX	13	1		1
9930		LEAR	05	01	0027	N12	W05	04	30.6		B	CAO	30	9	6	3
9930		SVTO	05	01	0549	N13	W06	04	30.8		B	CSO	30	8	4	3
9930		KAND	05	01	0820	N13	W08	04	30.7			CRO		6	5	4
9930	31171	MWIL	05	01	1445	N12	W12	04	30.7	4	(B)					
9930		HOLL	05	01	1510	N12	W14	04	30.6		B	CSO	30	13	5	4
9930		VORO	05	01	2141	N12	W16	04	30.7			BXO	58	6	5	1
9930		LEAR	05	02	0109	N12	W18	04	30.7		B	DRO	60	14	5	3
9930		SVTO	05	02	0632	N13	W20	04	30.8		B	DRO	40	6	5	3
9930		KAND	05	02	1150	N13	W23	04	30.7			CAO		6	6	3
9930	31171	MWIL	05	02	1600	N12	W26	04	30.7	4	(B)					
9930		HOLL	05	02	1610	N12	W26	04	30.7		B	DSO	40	6	5	3
9930		LEAR	05	03	0020	N12	W32	04	30.6		B	DRO	30	5	6	2
9930		VORO	05	03	0045	N12	W31	04	30.7			BXO	17	6	4	1
9930		TACH	05	03	0523	N10	W32	04	30.8			BXO	20	2	3	3
9930		SVTO	05	03	0606	N13	W34	04	30.7		B	DSO	20	3	6	2
9930		HOLL	05	03	1420	N12	W39	04	30.6		B	CRO	20	2	5	4
9930	31171	MWIL	05	03	1445	N12	W39	04	30.7	4	(B)					
9926G		HOLL	05	01	1510	S09	W10	04	30.9		B	BXO	10	4	6	4

Stations reporting:

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