

SEPTEMBER 1998

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		CMP	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
								Region	Mo								Day	Apparent (10-6 Disk)		Corr (Sq Deg)
		01	0000		0035			No Flare Patrol												
0001	URUM	01	0057	0106	0125	N20	W53	8319	08	28.1	28	SF		P		64	1.1	E		
0002	LEAR	01	0145	0145	0151	S23	E40	8323	09	4.1	6	SF	3	E		21				
0003	LEAR	01	0151	0156	0158	N19	W55	8319	08	28.0	7	SF	3	E		18				
0004		01	0219	02167	0228	N20	W54	8319	08	28.1	9	SN				58	1.4	E		
	URUM	01	0216E	0216	0224	N21	W54	8319	08	28.0	8D	SB		P		80	1.4	E		
	LEAR	01	0219	0223	0232	N19	W55	8319	08	28.0	13	SF	3	E		37				
0005	LEAR	01	0448	0449	0452	S23	E39	8323	09	4.2	4	SF	3	E		15				
0006	LEAR	01	0453	0500	0504	S23	E39	8323	09	4.2	11	SF	3	E		15				
0007		01	0452	04531	0514	N31	W73	8307	08	26.5	22	1N				112		EF		
	LEAR	01	0452	0453	0514	N32	W78	8307	08	26.1	22	1F	3	E		103				
	URUM	01	0454E	0454	0503D	N31	W70	8307	08	26.8	9D	1B		P		161		E		
	SVTO	01	0454E	0454U	0511D	N31	W70	8307	08	26.8	17D	SF	2	E		71		F		
0008	LEAR	01	0519	0521	0527	N19	W57	8319	08	28.0	8	SF	3	E		24				
0009	LEAR	01	0614	0616	0621	N19	W57	8319	08	28.0	7	SF	3	E		11				
0010	LEAR	01	0626	0627	0630	N19	W57	8319	08	28.0	4	SF	3	E		21				
0011	LEAR	01	0649	0704	0735	S23	E38	8323	09	4.2	46	SF	3	E		35				
0012	LEAR	01	0856	0900	0902	N19	W59	8319	08	28.0	6	SF	3	E		18				
0013		01	0916*	09319	0946	S22	E36	8323	09	4.1	30	SF				26				
	LEAR	01	0916	0940	0949	S23	E36	8323	09	4.1	33	SF	3	E		42				
	SVTO	01	0928	0931	0942	S21	E36	8323	09	4.1	14	SF	3	E		11				
0014		01	09295	0935	0942	N18	W60	8319	08	27.9	13	SF				24				
	LEAR	01	0929	0935	0944	N19	W59	8319	08	28.0	15	SF	3	E		31				
	SVTO	01	0934	0935	0940	N18	W62	8319	08	27.8	6	SF	3	E		16				
0015		01	1009	10484	1124	S21	E36	8323	09	4.2	75	SF				40				
	SVTO	01	1009	1052	1138	S21	E36	8323	09	4.2	89	SF	3	E		30				
	KANZ	01	1014E	1048	1056D	S21	E36	8323	09	4.2	42D	SF	2	C						
	RAMY	01	1054E	1054U	1110	S20	E37	8323	09	4.3	16D	SF	1	E		51				
0016	RAMY	01	1126E	1127U	1138	S21	E35	8323	09	4.1	12D	SF	2	E		19				
0017		01	1147	1148	1153	N18	W62	8319	08	27.9	6	SF				14				
	SVTO	01	1147	1148	1151	N18	W63	8319	08	27.8	4	SF	3	E		13				
	RAMY	01	1147	1148U	1155	N18	W62	8319	08	27.9	8	SF	2	E		16				
0018		01	12341	12353	1243	S20	E36	8323	09	4.3	9	SF				19				
	SVTO	01	1234	1238	1243	S20	E36	8323	09	4.3	9	SF	3	E		19				
	RAMY	01	1235	1235	1243	S19	E36	8323	09	4.3	8	SF	3	E		19				
0019		01	1411	14111	1416	N16	W65	8319	08	27.8	5	SF				23				
	SVTO	01	1411	1411	1415	N16	W67	8319	08	27.6	4	SF	3	E		15				
	HOLL	01	1411	1412	1416	N15	W63	8319	08	27.9	5	SF	3	E		31				
0020	SVTO	01	1434	1434	1439	N18	W65	8319	08	27.7	5	SF	3	E		15				
0021		01	1431*	15116	1543	S21	E34	8323	09	4.2	72	SF				15				
	SVTO	01	1431	1512	1552	S22	E32	8323	09	4.1	81	SF	3	E		15				
	HOLL	01	1439	1517	1540	S21	E36	8323	09	4.4	61	SF	3	E		19				
	RAMY	01	1454	1511	1537	S20	E34	8323	09	4.2	43	SF	3	E		10				
0022	HOLL	01	1548	1608	1629	N21	W65	8319	08	27.8	41	SF	3	E		51				
0023	HOLL	01	1630	1644	1704	N16	W62	8319	08	28.1	34	SF	3	E		91				

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
								Region	Day							Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0024	HOLL	01	1807	1816	1834	N15	W64	8319	08	28.0	27	SF		3	E		88		
0025	HOLL	01	1856	1858	1905	N16	W65	8319	08	27.9	9	SF		3	E		63		
0026	HOLL	01	1940	1940	1943	N21	W67	8319	08	27.8	3	SF		3	E		16		
0027	HOLL	01	1958	2005	2014	S20	E33	8323	09	4.3	16	SF		3	E		10		
0028	HOLL	01	2013	2028	2038	N21	W67	8319	08	27.8	25	SF		3	E		31		
0029	HOLL	01	2107	2109	2113	S21	E31	8323	09	4.2	6	SF		3	E		18		
0030	HOLL	01	2136	2141	2151	N21	W68	8319	08	27.8	15	SF		3	E		23		
0031	HOLL	01	2147	2157	2214	S21	E32	8323	09	4.4	27	SF		3	E		24		
		01	2215		2220														No Flare Patrol
		01	2234		2244														No Flare Patrol
0032	HOLL	01	2245	2245	2249	S21	E31	8323	09	4.3	4	SF		3	E		40		
0033	HOLL	01	2306	2306	2310	S21	E32	8323	09	4.4	4	SF		3	E		14		
		01	2340		2352														No Flare Patrol
		02	0007		0029														No Flare Patrol
0034	SVTO	02	0632	0632	0639	S21	E24	8323	09	4.1	7	SF		2	E		13		
0035	SVTO	02	0829	0836	0851	S20	E25	8323	09	4.3	22	SF		3	E		13		
0036	SVTO	02	1304	1305	1308	S23	E22	8323	09	4.2	4	SF		4	E		21		
0037		02	15014	15051	1526	S21	E22	8323	09	4.3	25	SF					47		
	HOLL	02	1501	1505	1541	S21	E23	8323	09	4.4	40	SF		3	E		69		
	SVTO	02	1503	1506	1527	S22	E20	8323	09	4.2	24	SF		4	E		48		
	RAMY	02	1505	1505	1510	S20	E22	8323	09	4.3	5	SF		3	E		23		
0038	RAMY	02	1650	1705	1731	N17	W79	8319	08	27.8	41	SF		4	E		73		H
		02	1735		1849														No Flare Patrol
		02	1931		1940														No Flare Patrol
		02	2008		2019														No Flare Patrol
		02	2140		2203														No Flare Patrol
		02	2244		2322														No Flare Patrol
0039	URUM	03	0219	0223	0239	N19	W73	8319	08	28.6	20	SF			C		48		D
0040	KANZ	03	0818E	0818U	0846	S27	E16	8323	09	4.6	28D	SF		2	C				
0041	KANZ	03	0854	0854	0858	N18	W81	8319	08	28.3	4	SF		2	C				
0042	SVTO	03	1158E	1200U	1206D	N16	W90	8319	08	27.8	8D	SF		3	E		34		
0043	SVTO	03	1304	1304	1402	S20	E08	8323	09	4.1	58	SF		3	E		21		
0044	HOLL	03	1340	1341	1349	S21	E10	8323	09	4.3	9	SF		3	E		35		H
0045	SVTO	03	1420	1422	1427	N21	W90	8315	08	27.8	7	SF		3	E		18		
0046	SVTO	03	1439	1440	1444	S21	E08	8323	09	4.2	5	SF		3	E		26		
0047	SVTO	03	1445	1451	1457	S21	E14	8323	09	4.7	12	SF		3	E		27		
0048	SVTO	03	1516	1517	1534D	S20	E06	8323	09	4.1	18D	SF		3	E		64		F
0049		03	1538	1606	1747	S22	E08	8323	09	4.3	129	SF					31		H
	HOLL	03	1538	1606	1747	S21	E09	8323	09	4.3	129	SF		3	E		52		H
	SVTO	03	1602E	1602U	1714D	S22	E06	8323	09	4.1	72D	SF		2	E		10		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
						Lat	CMD	Region							Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0050	03	1541	1551	1646	N21 E88	8326	09	10.4	65	SF							69		
	HOLL	03	1541	1551	1646	N22 E87	8326	09	10.3	65	SF		3	E			94		
	SVTO	03	1548E	1548U	1714D	N20 E89	8326	09	10.5	86D	SF		2	E			44		
0051	HOLL	03	1807	1807	1812	S20 E06	8323	09	4.2	5	SF		3	E			11		
0052	HOLL	03	1831	1831	1835	S21 E05	8323	09	4.1	4	SF		3	E			12		
		03	1920		2320	No Flare Patrol													
		04	0951		1232	No Flare Patrol													
0053	SVTO	04	1312E	1315U	1326D	S18 E78	8328	09	10.5	14D	SF		3	E			15		
0054	SVTO	04	1454	1454	1459	N20 E83	8326	09	11.0	5	SF		3	E			48		
0055	HOLL	04	1700	1701	1704	S17 E73	8328	09	10.2	4	SF		3	E			39		
		04	1828		1848	No Flare Patrol													
		04	1853		1902	No Flare Patrol													
		04	1926		2035	No Flare Patrol													
		04	2053		2400	No Flare Patrol													
		05	0000		0302	No Flare Patrol													
		05	0402		0441	No Flare Patrol													
		05	0519		0524	No Flare Patrol													
0056	LEAR	05	0554	0555	0559	S22 W83	8323	08	30.0	5	SF		3	E			23		
0057	SVTO	05	0626	0626	0631	S22 W22	8323	09	3.6	5	SF		3	E			11		
0058	SVTO	05	0755E	0803U	0814	N21 E64	8326	09	10.2	19D	SF		3	E			53		
0059	SVTO	05	1258E	1301U	1311	N21 E60	8326	09	10.1	13D	SF		3	E			30	F	
0060	HOLL	05	1407	1425	1430	N14 E56	8326	09	9.8	23	SF		3	E			10		
0061	HOLL	05	1434	1452	1501	S23 W27	8323	09	3.5	27	SF		3	E			54		
0062	HOLL	05	1456	1456	1502	N13 E55	8326	09	9.8	6	SF		3	E			11		
0063	HOLL	05	1727	1731	1737	S19 W26	8323	09	3.7	10	SF		3	E			32		
0064	HOLL	05	1907	1907	1922	N16 E53	8329	09	9.8	15	SF		3	E			23		
0065	HOLL	05	2206	2208	2221	N22 E53	8326	09	10.0	15	SF		3	E			31		
0066	HOLL	06	0019	0019	0023	S22 W32	8323	09	3.5	4	SF		3	E			14		
0067		06	0019S	0024	0038	S18 W30	8323	09	3.7	19	SF						46	E	
	LEAR	06	0019	0024	0033	S18 W31	8323	09	3.6	14	SF		3	E			65	E	
	HOLL	06	0024	0024	0042	S19 W30	8323	09	3.7	18	SF		3	E			27		
		06	0141		0156	No Flare Patrol													
0068	LEAR	06	0211	0213	0226	S22 W35	8323	09	3.4	15	SN		4	E			61		
0069	LEAR	06	0322	0322	0326	S22 W23	8323	09	4.4	4	SF		4	E			11		
0070	LEAR	06	0330	0330	0345	S22 W23	8323	09	4.4	15	SF		4	E			11		
0071	LEAR	06	0359	0359	0404	S18 W33	8323	09	3.6	5	SF		4	E			27		
0072	LEAR	06	0456	0456	0506	S21 W36	8323	09	3.4	10	SF		3	E			13		
0073	SVTO	06	1100	1107	1120	S22 W40	8323	09	3.4	20	SF		3	E			48	H	
0074	SVTO	06	1113	1119	1133	S29 W04	8325	09	6.1	20	SF		3	E			70		
0075		06	15591	1603	1622	N22 E42	8326	09	9.9	23	SF						26		
	HOLL	06	1559	1603	1622	N22 E44	8326	09	10.0	23	SF		3	E			33		
	SVTO	06	1600	1611U	1623	N22 E40	8326	09	9.7	23	SF		2	E			19		

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															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0076	HOLL	06	1915	1917	1922	N23	E47	8326	09 10.4	7	SF		3	E		12			
0077	HOLL	06	1954	1955	2016	N23	E46	8326	09 10.4	22	SF		3	E		12			
0078	HOLL	06	2036	2037	2051	S14	E47	8328	09 10.4	15	SF		3	E		34			
0079	HOLL	06	2100	2101	2107	N23	E42	8326	09 10.1	7	SF		3	E		17			
			07 0116		0123	No Flare Patrol													
			07 0206		0509	No Flare Patrol													
0080		07	1423	1423	1426	S18	E38	8328	09 10.5	3	SF					26			
	HOLL	07	1423	1423	1426	S17	E38	8328	09 10.5	3	SF		3	E		35			
	SVTO	07	1423	1423U	1439D	S18	E38	8328	09 10.5	16D	SF		2	E		16			
0081		07	1608	1611	1614	S24	W46	8323	09 4.1	6	SF					20			
	SVTO	07	1608	1611	1619D	S24	W47	8323	09 4.0	11D	SF		2	E		28			
	HOLL	07	1609	1612	1614	S24	W46	8323	09 4.1	5	SF		3	E		13			
0082	HOLL	07	1919	1920	1925	S17	E36	8328	09 10.5	6	SF		3	E		50			
0083	HOLL	08	0005	0005	0008	S19	W55	8323	09 3.8	3	SF		3	E		15			
			08 0104		0223	No Flare Patrol													
			08 0450		0458	No Flare Patrol													
			08 0949		0959	No Flare Patrol													
0084	KHAR	08	1039		1147	N20	E18	8326	09 9.8	68	1N		2	V				EL	
			08 1121		1137	No Flare Patrol													
			08 1216		1300	No Flare Patrol													
0085	HOLL	08	1357	1359	1405	N26	E63	8331	09 13.5	8	SF		3	E		30			
0086	HOLL	08	1557	1559	1613	N14	E14	8329	09 9.7	16	SF		3	E		15		F	
0087	HOLL	08	1659	1659	1702	N21	E18	8326	09 10.1	3	SF		3	E		16			
0088	HOLL	08	1714	1715	1717	S19	W59	8323	09 4.2	3	SF		3	E		14			
			08 2145		2258	No Flare Patrol													
0089	LEAR	08	2315	2316	2319	S22	W60	8323	09 4.3	4	SF		3	E		21			
0090	HOLL	09	0010	0010	0019	S22	W60	8323	09 4.4	9	SF		3	E		19			
			09 0451		0556	No Flare Patrol													
0091	LEAR	09	0758	0759	0805	S16	E11	8328	09 10.2	7	SF		3	E		18			
0092	LEAR	09	0807	0813	0821	N28	E51	8331	09 13.3	14	SF		3	E		25			
			09 1321		1334	No Flare Patrol													
0093		09	1631	1635	1638	S15	E08	8328	09 10.3	7	SF					18		H	
	KANZ	09	1631	1635	1639	S15	E08	8328	09 10.3	8	SF		2	C					
	RAMY	09	1635	1635	1638	S15	E08	8328	09 10.3	3	SF		4	E		18		H	
0094	HOLL	09	1734	1737	1806	N25	E47	8331	09 13.4	32	1F		3	E		131			
0095	HOLL	09	1807	1807	1817	N26	E46	8331	09 13.3	10	SF		3	E		25			
0096	HOLL	09	1818	1819	1824	N12	W01	8329	09 9.7	6	SF		3	E		19			
0097	HOLL	09	2007	2009	2014	N13	W03	8329	09 9.6	7	SF		3	E		19			
0098	HOLL	09	2042	2107	2117	N22	E43	8331	09 13.2	35	SF		3	E		40			
0099	HOLL	09	2117	2129	2133	N27	E45	8331	09 13.4	16	SF		3	E		18			

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													Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
		09 2119		2127		No Flare Patrol										
0100	HOLL	09 2133	2138	2146	N22	E43 8331	09 13.2	13	SF		3	E		53		
		09 2210		2230		No Flare Patrol										
		09 2237		2253		No Flare Patrol										
		09 2313		2318		No Flare Patrol										
		09 2349		2400		No Flare Patrol										
		10 0000		0004		No Flare Patrol										
		10 0052		0105		No Flare Patrol										
		10 0120		0145		No Flare Patrol										
		10 0203		0220		No Flare Patrol										
0101		10 0230*	03021	0332	N22	W02 8326	09 9.9	62	1F					346	6.8	E
	URUM	10 0230	0302	0340	N21	E01 8326	09 10.2	70	2F					643	6.8	E
	LEAR	10 0259	0303	0323	N22	W05 8326	09 9.7	24	SF		3	E		48		
		10 0541		0604		No Flare Patrol										
0102		10 15462	15511	1600	N10	W38 8333	09 7.8	14	SF					14		
	RAMY	10 1546	1552	1602	N10	W39 8333	09 7.7	16	SF		4	E		14		
	HOLL	10 1548	1551	1559	N11	W36 8333	09 7.9	11	SF		3	E		13		
0103		10 16333	16361	1647	N13	W12 8329	09 9.8	14	SF					34		
	RAMY	10 1633	1637	1653	N12	W14 8329	09 9.6	20	SF		4	E		42		
	KANZ	10 1636	1636	1648	N13	W10 8329	09 9.9	12	SF		2	C				
	HOLL	10 1636	1637	1641	N13	W11 8329	09 9.9	5	SF		3	E		25		
0104	RAMY	10 1808	1808	1823	S17	W02 8328	09 10.6	15	SF		4	E		10		
0105		10 2133E	2136	2146	S24	W90 8323	09 3.9	13D	SF					54		
	HOLL	10 2133E	2136	2145	S23	W90 8323	09 4.0	12D	SF		2	E		54		
	RAMY	10 2135E	2136U	2147	S25	W90 8323	09 3.9	12D	SF		3	E		54		
0106	HOLL	10 2159E	2208	2223	N11	W43 8333	09 7.7	24D	SF		3	E		19		F
0107	HOLL	10 2341	2341	2345D	N11	W45 8333	09 7.6	4D	SF		2	E		14		
		10 2346		2400		No Flare Patrol										
		11 0017		0022		No Flare Patrol										
		11 0032		0110		No Flare Patrol										
0108	LEAR	11 0435	0436	0450	N12	W47 8333	09 7.6	15	SF		3	E		39		
0109		11 0509	0532*	0605	N10	W44 8333	09 7.9	56	SF					42		
	LEAR	11 0509	0532	0605	N11	W43 8333	09 8.0	56	SF		3	E		57		
	SVTO	11 0512E	0542	0605	N10	W44 8333	09 7.9	53D	SF		3	E		27		
0110	KANZ	11 0637	0637	0645	N13	W22 8329	09 9.6	8	SF		2	C				
0111	KANZ	11 0645	0649	0657	N08	W17 8329	09 10.0	12	SF		2	C				
0112		11 08223	08223	0830	N14	W19 8329	09 9.9	8	SF					11		F
	SVTO	11 0822	0822	0827	N14	W19 8329	09 9.9	5	SF		3	E		11		F
	KANZ	11 0825	0825	0833	N14	W19 8329	09 9.9	8	SF		2	C				
0113	SVTO	11 0858	0859	0902	N13	W25 8329	09 9.5	4	SF		3	E		11		
0114	KHAR	11 0930	0940	1025	N24	W17 8326	09 10.1	55	1N		2	V				E
0115		11 1054	10563	1114	N23	W14 8329	09 10.4	20	1N					41		EFH
	SVTO	11 1054	1056	1111	N20	W14 8329	09 10.4	17	SF		3	E		41		F
	KHAR	11 1054	1059	1118	N26	W15 8329	09 10.3	24	1N		2	V				HE
0116	SVTO	11 1134	1146	1157	N11	W48 8333	09 7.9	23	SF		3	E		15		
0117	SVTO	11 1300	1302	1312	N10	W50 8333	09 7.8	12	SF		3	E		21		F
0118	SVTO	11 1335	1335	1339	N10	W51 8333	09 7.7	4	SF		3	E		14		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0119	HOLL	11	1400	1423	1429	N12	W53	8333	09	7.6	29	SF		3	E		29		
0120		11	1501*	1524	1542	N10	W52	8333	09	7.7	41	SF					54		F
	HOLL	11	1501	1524	1549	N10	W52	8333	09	7.7	48	SF		3	E		77		
	SVTO	11	1523	1524	1535	N11	W52	8333	09	7.7	12	SF		3	E		30		F
0121		11	15542	16022	1626	N10	W51	8333	09	7.8	32	1B					166		
	HOLL	11	1554	1602	1638	N11	W51	8333	09	7.8	44	1B		3	E		209		
	SVTO	11	1556	1604	1615	N10	W51	8333	09	7.8	19	1N		3	E		122		
0122	RAMY	11	1835	1836	1840	N28	W21	8327	09	10.1	5	SF		3	E		18		
0123	HOLL	11	2026	2030	2034	N11	W56	8333	09	7.6	8	SF		3	E		31		
0124	HOLL	11	2043	2050	2052	N11	W53	8333	09	7.9	9	SF		3	E		25		
0125	HOLL	11	2106	2110	2125	N11	W52	8333	09	8.0	19	SF		3	E		40		
0126		12	0011	00121	0020	N11	W55	8333	09	7.9	9	SF					30		
	HOLL	12	0011	0012	0022	N11	W56	8333	09	7.8	11	SF		3	E		31		
	LEAR	12	0011	0013	0019	N11	W54	8333	09	7.9	8	SF		3	E		29		
0127	LEAR	12	0028	0030	0033	N13	W54	8333	09	7.9	5	SF		3	E		15		
0128	LEAR	12	0138	0139	0150	N13	W36	8329	09	9.3	12	SF		3	E		28		
0129	LEAR	12	0142	0143	0146	N11	W55	8333	09	7.9	4	SF		3	E		22		
0130	URUM	12	0446	0449	0501	N12	W57	8333	09	7.9	15	SB			C		48	0.9	D
0131	KHAR	12	1022		1040U	N12	W60	8333	09	7.9	18U	SN		2	V				EH
		12	1220		1230	No Flare Patrol													
0132	RAMY	12	1252E	1253	1308	N25	E07	8331	09	13.1	16D	SF		2	E		19		F
0133	HOLL	12	1420	1424	1432	N25	E07	8331	09	13.1	12	SF		3	E		14		
0134	HOLL	12	1552	1552	1604	N09	W64	8333	09	7.8	12	SF		3	E		16		
0135	HOLL	12	1853	1901	1903	N26	E06	8331	09	13.2	10	SF		3	E		13		
0136	HOLL	12	2028	2033	2053	N20	W38	8326	09	9.9	25	SF		3	E		52		F
0137		13	08466	09023	1002	N13	W51	8329	09	9.5	76	1F					128		F
	LEAR	13	0846	0902	0958D	N14	W51	8329	09	9.5	72D	1F		3	E		156		
	SVTO	13	0852	0905	1002	N12	W51	8329	09	9.5	70	SF		3	E		99		F
0138	KHAR	13	0850E		0950	N28	W53		09	9.2	60D	1N		2	V				EL
0139	RAMY	13	1224	1229	1245	N10	W55	8329	09	9.4	21	SF		3	E		32		
0140		13	12592	1303	1328	N20	W50	8326	09	9.7	29	SF					54		FS
	RAMY	13	1259	1303	1329	N21	W49	8326	09	9.8	30	SF		3	E		49		FS
	SVTO	13	1301	1303U	1327	N20	W51	8326	09	9.6	26	SF		3	E		58		
0141		13	1403*	14171	1428	N12	W76	8333	09	7.8	25	SF					20		
	RAMY	13	1403	1417	1428	N11	W76	8333	09	7.9	25	SF		3	E		22		
	HOLL	13	1414	1418	1428	N12	W76	8333	09	7.9	14	SF		3	E		17		
0142	HOLL	13	1819	1820	1836	N11	W80	8333	09	7.7	17	SF		3	E		49		
0143	LEAR	14	0448	0451	0458	N22	W58	8326	09	9.7	10	SF		3	E		30		
0144	LEAR	14	0937	0939	0945	S23	E51	8335	09	18.3	8	SF		3	E		86		
0145	SVTO	14	0937	0941	0946	S21	E42	8335	09	17.6	9	SF		3	E		65		H

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks			
														Apparent (10-6 Disk)	Corr (Sq Deg)				
0146		14	10472	10491	1052	S22 E42 8335	09 17.7	5	SF					21		H			
	SVTO	14	1047	1050	1052	S21 E41 8335	09 17.6	5	SF		3	E		21		H			
	KANZ	14	1049	1049	1053D	S23 E42 8335	09 17.7	4D	SF		2	C							
0147	RAMY	14	1333	1335	1339	S22 E41 8335	09 17.7	6	SF		3	E			13				
0148	HOLL	14	2347	2348	2352	S20 E36 8335	09 17.7	5	SF		3	E			18				
0149	LEAR	15	0435	0436	0441	S20 E33 8335	09 17.7	6	SF		3	E			38				
0150	LEAR	15	0438	0444	0452	N24 W24 8331	09 13.3	14	SF		3	E			14				
																	15 2135	2224	No Flare Patrol
																	16 0955	1033	No Flare Patrol
																	16 1133	1137	No Flare Patrol
																	16 2003	2025	No Flare Patrol
																	16 2145	2309	No Flare Patrol
																	17 1157	1227	No Flare Patrol
																	17 1303	1307	No Flare Patrol
																	17 1315	1353	No Flare Patrol
																	17 1627	1749	No Flare Patrol
17 2048	2124	No Flare Patrol																	
0151	KHAR	18	0930		0945	S17 E36 8339	09 21.1	15	SF		2	V				DL			
0152	KHAR	18	1054		1107U	S16 E36 8339	09 21.2	13U	SF		2	V					DL		
																		18 1111	1151
18 1159	1259	No Flare Patrol																	
0153		18	1300E	1314	1321	S16 E34 8339	09 21.1	21D	SF						18				
	SVTO	18	1300E	1307U	1324D	S17 E34 8339	09 21.1	24D	SF		3	E			23				
	RAMY	18	1305E	1314	1321	S14 E35 8339	09 21.2	16D	SF		3	E			12				
0154		18	1401*	14302	1440	S16 E34 8339	09 21.2	39	SF						24				
	SVTO	18	1401	1430	1438	S16 E35 8339	09 21.2	37	SF		3	E			34				
	HOLL	18	1431	1432	1441	S16 E33 8339	09 21.1	10	SF		3	E			14				
0155	SVTO	18	1439	1439	1449	S17 E33 8339	09 21.1	10	SF		3	E			16				
0156	SVTO	18	1509	1511	1524	S16 E35 8339	09 21.3	15	SF		3	E			13				
0157	HOLL	18	1625	1625	1631	S15 E32 8339	09 21.1	6	SF		3	E			16				
																	18 2201	2229	No Flare Patrol
0158	KHAR	19	0905U		0910	S16 E20 8339	09 20.9	5U	SF		2	V				DL			
0159	KHAR	19	0950		1010	S17 E23 8339	09 21.1	20	SF		2	V				DL			
0160	KHAR	19	1021		1029	S16 E22 8339	09 21.1	8	SF		2	V				DL			
0161		19	10484	1048	1058	S30 E20 8336	09 21.0	10	SF						15	F			
	SVTO	19	1048	1048	1058	S30 E21 8336	09 21.1	10	SF		3	E			15	F			
	KHAR	19	1052		1120D	S30 E20 8336	09 21.0	28D	SF		2	V							
0162		19	13421	13441	1350	S16 E18 8339	09 20.9	8	SF						24	F			
	RAMY	19	1342	1345	1350	S16 E18 8339	09 20.9	8	SF		4	E			24	F			
	SVTO	19	1343	1344	1349	S16 E18 8339	09 20.9	6	SF		3	E			23	F			
0163	HOLL	19	1808	1813	1826	N39 E64 8343	09 24.9	18	SF		3	E			15				
0164	HOLL	19	1944	1947	1954	N39 E63 8343	09 24.9	10	SF		3	E			56				
																	19 2032	2055	No Flare Patrol
																	19 2351	2400	No Flare Patrol
																	20 0000	0131	No Flare Patrol
0165	URUM	20	0238	0253	0325	N22 E62	09 24.9	47	3B			C		804	17.3	E			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement		Remarks
						Lat	CMD	Region						Mo	Day	
			20	0353	0624	No Flare Patrol										
0166	SVTO	20	0948	0949	1009	S31	E07	8336	09	21.0	21	SF	3	E	50	F
			20	0955	1049	No Flare Patrol										
0167	RAMY	20	1123	1140	1146	N18	E32	8342	09	22.9	23	SF	3	E	29	FH
0168		20	1341	1345	1354	N19	E31	8342	09	22.9	13	SF			26	
	SVTO	20	1341	1345	1353	N19	E31	8342	09	22.9	12	SF	3	E	26	
	RAMY	20	1342	1345	1355	N19	E31	8342	09	22.9	13	SF	3	E	26	
0169	HOLL	20	1822	1824	1833	N19	E29	8342	09	23.0	11	SF	2	E	20	F
0170	HOLL	20	1834	1834	1914	N19	E29	8342	09	23.0	40	SF	3	E	25	
			20	2120	2128	No Flare Patrol										
			20	2136	2320	No Flare Patrol										
			21	0022	0104	No Flare Patrol										
			21	0118	0244	No Flare Patrol										
			21	0314	0342	No Flare Patrol										
			21	0353	0458	No Flare Patrol										
0171	SVTO	21	0610	0622	0634	N40	E47	8343	09	25.1	24	SF	3	E	12	
0172		21	0710	0710	0716	N40	E46	8343	09	25.0	6	SF			13	
	LEAR	21	0710	0710	0715	N38	E45	8343	09	24.9	5	SF	2	E	12	
	SVTO	21	0710	0714	0717	N42	E46	8343	09	25.1	7	SF	3	E	14	
0173	LEAR	21	0720	0724	0729	N20	E37	8340	09	24.1	9	SF	2	E	34	
0174		21	0735	0748	0839	N20	E36	8340	09	24.1	64	SF			56	EF
	LEAR	21	0735	0748	0839	N18	E35	8340	09	24.0	64	SF	2	E	93	FE
	SVTO	21	0744	0754	0814	N22	E37	8340	09	24.2	30	SF	2	E	18	
			21	1645	1714	No Flare Patrol										
0175	HOLL	21	1816	1818	1905	N18	E29	8340	09	24.0	49	1F	3	E	108	
			21	1828	1842	No Flare Patrol										
			21	2026	2400	No Flare Patrol										
			22	0000	0017	No Flare Patrol										
0176	LEAR	22	0459	0459	0503	N20	E25	8340	09	24.1	4	SF	3	E	14	
0177		22	1101	1104	1112	N20	E18	8340	09	23.8	11	SF			17	EH
	SVTO	22	1101	1104	1108	N21	E17	8340	09	23.8	7	SF	3	E	17	
	KHAR	22	1104		1117	N20	E20	8340	09	24.0	13	SF	2	V		HE
0178	SVTO	22	1105	1105	1112	N39	E33	8343	09	25.1	7	SF	3	E	14	
0179	SVTO	22	1205	1207	1217	S21	E28	8344	09	24.6	12	SF	3	E	15	
			22	1724	2246	No Flare Patrol										
0180	LEAR	22	2355E	2355	2406	N18	E14	8340	09	24.1	11	SF	3	E	43	EF
0181	LEAR	23	0035E	0037	0103	S20	E22	8344	09	24.7	28	SF	3	E	90	E
0182	LEAR	23	0437	0439	0441	N40	E24	8343	09	25.1	4	SF	3	E	20	
0183		23	0643*	0701	0937	N19	E09	8340	09	24.0	174	3B			704	CEFHU
	LEAR	23	0643	0701	0936	N20	E07	8340	09	23.8	173	3B	3	E	691	FE
	KANZ	23	0644	0702	0757D	N18	E10	8340	09	24.0	73	3B	2	C		U
	SVTO	23	0644	0706	1009	N18	E09	8340	09	24.0	205	3B	3	E	718	HF
	HURB	23	0704	0704	0906	N19	E09	8340	09	24.0	122	3B				C,U
0184	HURB	23	0830	0830	0846	N20	E03	8340	09	23.6	16	SN				D

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Grp #	Sta	Start Day	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
					Region	Lat	Cmd								Apparent (10-6 Disk)	Corr (Sq Deg)	
0185		23 12192	12221	1232	N22	E04	8340	09 23.8	13	SF					29		
	KANZ	23 1219	1223	1231	N22	E04	8340	09 23.8	12	SF		2	C				
	SVTO	23 1221	1222	1232	N22	E03	8340	09 23.7	11	SF		3	E		29		
0186	HOLL	23 1948	1949	2001	N21	W02	8340	09 23.7	13	SF		3	E		15		
		23 2029		2036	No Flare Patrol												
0187	HOLL	23 2041	2042	2046	N37	E14	8343	09 25.0	5	SF		3	E		20		
0188	HOLL	23 2223	2224	2239	S19	E12	8344	09 24.8	16	SF		3	E		46		
0189		23 2247	2247.3	2306	N20	W03	8340	09 23.7	19	SF					60	E	
	HOLL	23 2247	2247	2307	N21	W04	8340	09 23.6	20	SF		3	E		85		
	LEAR	23 2247E	2250	2305	N20	W02	8340	09 23.8	18D	SF		3	E		34	E	
0190	HOLL	23 2333	2338	2344	S38	W47	8337	09 20.2	11	SF		3	E		16		
0191		24 06074	06092	0619	N22	W03	8340	09 24.0	12	SF					24		
	LEAR	24 0607	0609	0619	N20	W05	8340	09 23.9	12	SF		3	E		34		
	KANZ	24 0609	0609	0621	N23	W02	8340	09 24.1	12	SF		2	C				
	SVTO	24 0611	0611	0617	N23	W03	8340	09 24.0	6	SF		3	E		13		
0192		24 08124	08145	0844	S20	E06	8344	09 24.8	32	1N					117	EFH	
	LEAR	24 0812	0814	0844	S20	E05	8344	09 24.7	32	1N		3	E		108	EH	
	SVTO	24 0812	0814	0847	S20	E05	8344	09 24.7	35	1N		3	E		126	F	
	KANZ	24 0814	0814	0842	S20	E06	8344	09 24.8	28	1F		2	C				
	HURB	24 0816	0819	0845	S21	E06	8344	09 24.8	29	1N							
0193		24 08345	08357	0852	N21	W09	8340	09 23.7	18	SF					21	D	
	SVTO	24 0834	0835	0853	N20	W11	8340	09 23.5	19	SF		3	E		21		
	KANZ	24 0834	0842	0850	N21	W08	8340	09 23.7	16	SF		2	C				
	LEAR	24 0835	0836	0852	N20	W07	8340	09 23.8	17	SF		3	E		21		
	HURB	24 0839	0842	0851	N22	W09	8340	09 23.7	12	SF						D	
0194		24 14101	14122	1419	N17	W10	8340	09 23.8	9	SF					15		
	KANZ	24 1410	1414	1418	N13	W12	8340	09 23.7	8	SF		2	C				
	RAMY	24 1411	1412	1415	N18	W08	8340	09 24.0	4	SF		3	E		16		
	SVTO	24 1411	1412	1424	N19	W09	8340	09 23.9	13	SF		3	E		14		
0195	KANZ	24 1618	1618U	1618D	N21	W15	8340	09 23.5	13D	SF		2	C				
0196	HOLL	24 1704	1705	1716	N21	W08	8340	09 24.1	12	SF		3	E		15	F	
0197	HOLL	24 2144	2145	2159	N21	W18	8340	09 23.5	15	SF		3	E		24		
0198	URUM	25 0248	0252	0256	N18	W20	8340	09 23.6	8	SB			C		96	1.1 E	
0199	KANZ	25 1042	1042	1046	N20	W21	8340	09 23.8	4	SF		2	C				
0200	KANZ	25 1046	1050	1147	N23	W02		09 25.3	61	1F		2	C				
0201		25 1127	1127	1127	N16	W20	8340	09 24.0	61	SF					17		
	RAMY	25 1108E	1108U	1121D	N17	W20	8340	09 23.9	13D	SF		3	E		17		
	KANZ	25 1127	1127	1127	N16	W21	8340	09 23.9	13	SF		2	C				
0202	KANZ	25 1139	1139	1151D	N21	W15	8340	09 24.3	12D	SF		2	C				
0203	RAMY	25 1314	1315	1328	S28	E32	8346	09 28.0	14	SF		3	E		50		
0204		25 1520	15211	1526	S30	W62	8336	09 20.8	6	SF					35		
	RAMY	25 1520	1521	1527	S30	W61	8336	09 20.8	7	SF		3	E		33		
	HOLL	25 1520	1522	1526	S30	W63	8336	09 20.7	6	SF		3	E		37		
0205	RAMY	25 1713	1713	1722	S21	W16	8344	09 24.5	9	SF		3	E		10		
		25 1844		2043	No Flare Patrol												
		25 2114		2159	No Flare Patrol												

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Grp #	Sta	Start Day (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See Type	Area Measurement			Remarks
												Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0206	HOLL	25	2219	2225	2257	S16 W13	8344	09 24.9	38	SF	3 E		62		
0207		25	2313	2322	2336	S29 E28	8346	09 28.2	23	SF			51		
	HOLL	25	2313	2322	2338	S28 E27	8346	09 28.1	25	SF	3 E		59		
	LEAR	25	2313	2323	2335	S30 E28	8346	09 28.2	22	SF	3 E		43		
0208		26	0648	0651	0701	N23 W31	8340	09 23.9	13	SF			33		FH
	SVTO	26	0648	0653	0704	N22 W31	8340	09 23.9	16	SF	3 E		36		FH
	LEAR	26	0649	0651	0658	N24 W31	8340	09 23.9	9	SF	3 E		30		F
		26	0933		0941	No Flare Patrol									
0209	KHAR	26	1030E		1130U	S13 W63	8339	09 21.7	60U	SF	2 V				T
0210	HOLL	26	1341	1343	1346	S15 W65	8339	09 21.6	5	SF	3 E		13		
0211		26	1348	1349	1354	N20 W38	8340	09 23.7	6	SF			37		
	SVTO	26	1343E	1349U	1354	N20 W36	8340	09 23.8	11D	SF	3 E		39		
	RAMY	26	1348	1349	1354	N19 W39	8340	09 23.6	6	SF	3 E		35		
0212	RAMY	26	1429	1431	1438	S14 W66	8339	09 21.6	9	SF	3 E		35		
0213	HOLL	26	1448	1454	1457	S15 W67	8339	09 21.5	9	SF	3 E		12		
0214	HOLL	26	1457	1458	1507	S30 E23	8346	09 28.4	10	SF	3 E		17		
0215		26	1501	1501	1508	N22 W38	8340	09 23.7	7	SF			16		FH
	HOLL	26	1501	1501	1509	N21 W38	8340	09 23.7	8	SF	3 E		20		
	RAMY	26	1501	1503	1507	N22 W37	8340	09 23.8	6	SF	3 E		13		FH
0216		26	1534	1542	1555	S30 E20	8346	09 28.2	21	SF			18		F
	HOLL	26	1534	1542	1555	S29 E19	8346	09 28.1	21	SF	3 E		22		
	SVTO	26	1542	1545U	1602D	S30 E20	8346	09 28.2	20D	SF	3 E		13		F
0217	HOLL	26	1545	1546	1551	S15 W70	8339	09 21.3	6	SF	3 E		14		
0218	HOLL	26	1623	1624	1631	N22 W39	8340	09 23.7	8	SF	3 E		26		H
0219	HOLL	26	2316	2316	2324	N20 W44	8340	09 23.6	8	SF	3 E		13		
0220		27	0001	0002	0006	S17 W71	8339	09 21.6	5	SF			15		
	LEAR	27	0001	0003	0007	S17 W73	8339	09 21.4	6	SF	3 E		15		
	HOLL	27	0002	0002	0006	S17 W69	8339	09 21.7	4	SF	3 E		15		
0221		27	0236	0240	0306	S30 E13	8346	09 28.1	30	2N			276	5.6	EF
	LEAR	27	0236	0240	0307	S29 E12	8346	09 28.0	31	1F	3 E		135		F
	URUM	27	0238	0242	0305	S30 E14	8346	09 28.2	27	2B	C		418	5.6	E
0222	URUM	27	0357	0401	0404	S05 W80		09 21.2	7	1B	C		96		D
0223	LEAR	27	0359	0400	0405	N20 W46	8340	09 23.6	6	SF	3 E		22		
0224	URUM	27	0401E	0401	0404	N30 W55	8338	09 22.8	3D	1N	P		193	3.6	E
0225	LEAR	27	0401	0401	0404	S17 W75	8339	09 21.5	3	SF	3 E		15		
0226	LEAR	27	0424	0426	0440	S29 E11	8346	09 28.0	16	SF	3 E		41		
		27	0713		0730	No Flare Patrol									
0227	LEAR	27	0809	0809	0831	N21 W48	8340	09 23.6	22	SF	3 E		84		FU
		27	1100		1115	No Flare Patrol									
		27	1133		1135	No Flare Patrol									
		27	1233		1240	No Flare Patrol									
		27	1307		1313	No Flare Patrol									
0228		27	1626	1627*	1654	N20 W53	8340	09 23.6	28	1F			104		FH
	HOLL	27	1626	1627	1653	N20 W54	8340	09 23.5	27	SF	3 E		96		
	RAMY	27	1629	1641	1655	N21 W52	8340	09 23.7	26	1F	4 E		111		FH

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Sep 98

H α SOLAR FLARES

SEPTEMBER 1998

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	Obs See Type	Area Measurement			Remarks
														Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0229	HOLL	27	1821	1821	1826	N20	W54	8340	09 23.6	5	SF		3 E		22		
0230	HOLL	27	1923	1927	1933	N21	W49	8340	09 24.0	10	SF		3 E		30		
0231	HOLL	27	2338	2341	2341D	N20	W58	8340	09 23.5	3D	1N		3 E		246		
		28	0003		0253				No Flare Patrol								
0232	LEAR	28	0351	0351	0358	N20	W59	8340	09 23.6	7	SF		3 E		13		
0233		28	05472	05522	0607	N20	W58	8340	09 23.8	20	SF				46		
	LEAR	28	0547	0554	0607	N21	W58	8340	09 23.8	20	SF		3 E		41		
	SVTO	28	0549	0552	0610D	N20	W58	8340	09 23.8	21D	SF		3 E		51		
		28	1223		1229				No Flare Patrol								
		28	1233		1237				No Flare Patrol								
0234	RAMY	28	1642	1642	1655	S28	W10	8346	09 27.9	13	SF		3 E		11		
0235	RAMY	28	1644	1644	1649	N21	W64	8340	09 23.8	5	SF		3 E		12		
0236	HOLL	28	1644	1644	1650	N18	W76	8340	09 22.9	6	SF		3 E		20		
0237	HOLL	28	1824	1827	1835	N20	W67	8340	09 23.6	11	SF		3 E		10		
		28	2058		2240				No Flare Patrol								
0238	LEAR	29	0158	0202	0211	N23	W69	8340	09 23.8	13	SF		3 E		54		
0239		29	06234	06278	0656	N21	W54	8345	09 25.1	33	SF				16		
	KANZ	29	0623	0627	0703	N21	W53		09 25.2	40	SF		2 C				
	LEAR	29	0627	0635	0650	N21	W54	8345	09 25.1	23	SF		3 E		22		
	SVTO	29	0631E	0633U	0646D	N21	W54	8345	09 25.1	15D	SF		3 E		11		
0240	SVTO	29	0647E	0653U	0701D	N21	W54	8345	09 25.1	14D	SF		3 E		22		
		29	1028		1034				No Flare Patrol								
		29	2130		2134				No Flare Patrol								
		29	2248		2253				No Flare Patrol								
		29	2348		2400				No Flare Patrol								
		30	0000		0059				No Flare Patrol								
0241	LEAR	30	0517	0519	0526	S29	W28	8346	09 28.0	9	SF		3 E		20		
0242		30	06053	06062	0611	S30	W28	8346	09 28.0	6	SF				20		
	SVTO	30	0605	0606	0610	S30	W26	8346	09 28.2	5	SF		3 E		20		
	KANZ	30	0608	0608	0612	S29	W31	8346	09 27.8	4	SF		2 C				
0243	KANZ	30	0748	0752	0756	S20	W76	8344	09 24.5	8	SF		2 C				
0244	KANZ	30	0952	0956	1004	S24	E15	8347B	10 1.6	12	SF		2 C				
0245	RAMY	30	1322	1338	1350	S28	W35	8346	09 27.8	28	SF		3 E		14		
0246	RAMY	30	1324	1334	1339	N21	W71	8345	09 25.1	15	SF		3 E		20		
0247		30	1314	1331	1338	N20	W84	8340	09 24.1	24	SF				62		H
	RAMY	30	1314	1331	1339	N19	W85	8340	09 24.1	25	SF		3 E		37		
	SVTO	30	1325E	1327U	1338	N20	W83	8340	09 24.2	13D	SF		3 E		86		H
0248		30	1402	14342	1542	N23	W78	8340	09 24.6	100	2N				291		FY
	RAMY	30	1402	1434	1545	N23	W81	8340	09 24.3	103	2N		3 E		325		F
	SVTO	30	1415E	1436	1540	N23	W76	8340	09 24.7	85D	2N		3 E		257		YF
		30	2214		2219				No Flare Patrol								
		30	2230		2236				No Flare Patrol								
0249	URUM	31	0510E	0510	0552	N37	W73		09 25.3	42D	1B		P		80		E