X - R A Y S O L A R F L A R E S

MARCH 2006

Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Xray	Total Integrated Flux(1)	Total Area(2)	Total(3) Intensity
GOES	07	1515	1614	1902						227	B 2.1	1.9E-03T		
GOES	11	1322	1400	1451	S10	W90	10856			89	B 3.4	1.4E-03	6.0E+02	1.1E+03
GOES	14	0700	0705	0710	S09	E67				10	B 3.6	1.3E-04	6.3E+02	1.9E+03
GOES		1359	1405	1413	S09	E63				14	B 1.7	1.1E-04	4.5E+02	9.5E+02
GOES		1553	1557	1607	S08	E61	10860			14	B 1.5	7.6E-05	2.3E+02	4.8E+02
GOES	15	0340	0344	0346	S04	W90	10859			6	B 1.2	2.6E-05	2.5E+02	4.6E+02
GOES		1043	1047	1053	S06	W90	10859			10	B 1.5	6.9E-05	3.5E+02	6.9E+02
GOES		1115	1121	1135	S06	W90	10859			20	B 1.1	1.1E-04	1.3E+02	2.1E+02
GOES	19	2302	2338	2348	S06	W12	10862			46	B 2.2	4.2E-04	6.8E+02	1.3E+03
GOES	20	0426	0437	0454			10862			28	B 7.1	6.1E-04		
GOES		0613	0616	0620			10862			7	B 1.0	3.9E-05		
GOES		0728	0732	0743	S06	W17	10862			15	B 1.3	9.1E-05	2.5E+02	5.6E+02
GOES		0751	0757	0801	S06	W17	10862			10	B 2.0	1.0E-04	8.8E+02	1.9E+03
GOES		0809	0813	0821	S06	W17	10862			12	B 2.3	1.2E-04	7.5E+02	2.0E+03
GOES		0837	0843	0849	S06	W17	10862			12	B 4.9	2.3E-04	1.1E+03	3.7E+03
GOES		1045	1048	1050	S05	W19	10862			5	B 1.1	2.7E-05	1.5E+02	3.1E+02
GOES		1107	1110	1112	S06	W18	10862			5	B 1.1	2.8E-05	2.5E+02	4.8E+02
GOES		1328	1336	1338	S06	W20	10862			10	B 1.1	5.8E-05	3.3E+02	6.2E+02
GOES	21	0915	0944	0956	S07	W32	10862			41	C 2.5	2.3E-03	3.3E+03	1.7E+04
GOES		1153	1158	1201	S06	W33	10862			8	B 2.2	6.9E-05	4.5E+02	1.1E+03
GOES		1201	1204	1207	S06	W33				6	C 1.3	2.7E-04	1.5E+03	6.8E+03
GOES		1628	1633	1640	S07	W35	10862			12	C 2.4	1.1E-03	2.4E+03	1.0E+04
GOES		1717	1726	1734	S07	W36	10862			17	B 1.1	1.0E-04	5.0E+01	8.2E+01
GOES		1753	1759	1818	S06	W37	10862			25	B 5.3	5.0E-04	1.1E+03	2.9E+03
GOES		1835	1842	1847	S06	W37	10862			12	C 1.2	6.2E-04	2.2E+03	8.0E+03
GOES		1913	1920	1925	S06	W37	10862			12	C 1.1	4.1E-04	2.0E+03	7.0E+03
GOES		1943	1946	1948	S07	W37	10862			5	B 1.4	3.6E-05	4.5E+02	9.9E+02
GOES		2054	2112	2119	S06	W38	10862			25	B 2.7	2.6E-04	6.3E+02	1.1E+03
GOES		2120	2124	2128	S06	W39	10862			8	B 3.7	1.4E-04	1.1E+03	2.6E+03
GOES		2205	2212	2215	S06	W39	10862			10	B 2.1	8.8E-05	8.5E+02	1.7E+03
GOES		2227	2230	2233	S06	W39	10862			6	B 1.7	5.5E-05	7.0E+02	1.4E+03
GOES		2258	2302	2306	S06	W39	10862			8	B 1.8	6.9E-05	3.5E+02	6.2E+02
GOES		2320	2326	2335	S06	W39	10862			15	C 2.1	1.2E-03	2.9E+03	1.1E+04
GOES	22	0038	0045	0050	S06	W41	10862			12	B 2.6	1.6E-04	8.5E+02	1.8E+03
GOES		0059	0107	0112	S06	W41	10862			13	B 4.6	2.5E-04	1.3E+03	3.5E+03
GOES		0201	0210	0219	S06	W41	10862			18	B 3.6	3.3E-04	1.3E+03	3.4E+03
GOES		0235	0239	0242	S06	W42	10862			7	B 2.6	9.1E-05	1.0E+03	2.3E+03
GOES		0535	0541	0544						9	B 1.2	6.0E-05		
GOES		0658	0720	0729						31	B 1.8	2.9E-04		
GOES		0829	0835	0840						11	B 2.3	1.0E-04		
GOES		0909	0916	0923						14	B 1.8	1.2E-04		
GOES		1059	1104	1112						13	B 2.8	1.6E-04		
GOES		1243	1250	1258						15	B 2.3	1.6E-04		
GOES		1538	1548	1553						15	B 2.3	1.5E-04		
GOES	23	0919	0926	0929			10862			10	B 2.2	8.5E-05		
GOES		1046	1057	1105						19	B 2.6	2.3E-04		
GOES		1203	1210	1214						11	B 1.4	7.7E-05		
GOES		1225	1232	1240						15	B 1.9	1.5E-04		
GOES		1300	1304	1307						7	B 1.3	4.6E-05		
GOES		1410	1423	1433						23	B 3.6	3.6E-04		
GOES		2107	2115	2123	S05	W67	10860			16	B 5.1	3.8E-04	2.0E+03	5.8E+03
GOES	24	1252	1259	1304						12	B 1.0	6.9E-05		
GOES	25	1715	1719	1723	S05	W90	10860			8	B 1.1	4.7E-05	3.5E+02	6.7E+02
GOES	27	1817	1823	1838						21	B 1.5	1.6E-04		
GOES	28	0649	0653	0658						9	B 1.0	5.3E-05		
GOES		0807	0811	0816						9	B 1.1	5.6E-05		

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MARCH 2006

Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Xray	Total Integrated Flux(1)	Total Area(2)	Total(3) Intensity
GOES	28	1342	1349	1357	S07	E88				15	B 3.3	2.2E-04	1.3E+03	2.7E+03
GOES		1554	1600	1605	S08	E86	10865			11	B 7.4	2.9E-04	1.6E+03	4.6E+03
GOES		1759	1805	1810	S07	E86	10865			11	B 2.3	1.1E-04	9.8E+02	1.9E+03
GOES	29	0602	0606	0611						9	B 1.3	6.0E-05		
GOES		0752	0755	0757	S12	E57	10865			5	B 1.0	2.7E-05	5.0E+01	9.3E+01
GOES		1226	1231	1239	S06	E79				13	B 1.3	8.8E-05	1.0E+02	1.7E+02
GOES		1321	1324	1328						7	B 1.0	3.8E-05		
GOES		2151	2235	2245	S10	E48	10865			54	B 2.5	5.2E-04	3.0E+02	5.4E+02
GOES	30	0654	0658	0700						6	B 1.0	3.5E-05		
GOES		1311	1346	1406						55	B 2.3	6.6E-04		
GOES		1502	1517	1529	S11	E38	10865			27	B 9.0	8.7E-04	2.3E+03	5.9E+03
GOES		1701	1709	1715	S06	E64	10866			14	B 7.1	4.0E-04	1.7E+03	4.2E+03
GOES		1821	1825	1830	S10	E33	10865			9	B 3.3	1.2E-04	3.5E+02	8.0E+02
GOES		2201	2232	2258						57	B 2.9	7.2E-04		
GOES	31	0853	0858	0904						11	B 1.1	6.6E-05		
GOES		1002	1007	1012						10	B 1.3	6.9E-05		
GOES		1622	1627	1640						18	B 1.3	1.2E-04		
GOES		1714	1748	1758	S12	E23	10865			44	B 2.3	3.8E-04	5.0E+01	8.2E+01
GOES		2146	2149	2153						7	B 1.0	4.0E-05		
GOES		2211	2214	2217						6	B 1.0	3.4E-05		

Note 1: Total integrated flux computed from the event start time to end if available (units=J/m*2).

Note 2: Total area is derived from SXI imagery in units of squared arc seconds of the largest flaring area.

Note 3: Total intensity is derived from SXI imagery in units of data numbers/second of the largest flaring area.

TABLE FORMAT CHANGE: Data are from the GOES full disk xray monitor supplemented with Solar Xray Imager (SXI) data since January, 2004. Positions, areas, and intensities are taken from SXI imagery using the largest flare event on the disk. Only the largest event is selected during multiple flares on the disk.

No solar radio bursts at 2800 MHz were reported for March 2006.