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

OCTOBER 2006

Sta Day	Start (UT)	Max (UT)	End (UT)	Lat CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Xray	Total Integrated Flux(1)	Total Area(2)	Total(3) Intensity
GOES 02	1811	1815	1820				9	B 1.1	5.0E-05		
GOES	2057	2102	2108				11	B 1.1	6.5E-05		
GOES 04	0648	0654	0720				32	A 8.0	1.3E-04		
GOES	1752	1755	1757				5	B 1.2	2.3E-05		
GOES 05	2046	2053	2107		10913		21	B 2.6	2.6E-04		
GOES 07	0218	0222	0228				10	B 1.0	5.0E-05		
GOES	0558	0601	0605				7	B 1.0	2.9E-05		
GOES	0820	0823	0825				5	B 1.0	2.7E-05		
GOES	1032	1035	1038				6	B 1.3	2.8E-05		
GOES 13	2038	2041	2043				5	B 1.0	2.2E-05		
GOES 14	0214	0218	0220				6	B 1.3	2.9E-05		
GOES	0757	0805	0818	S09 E61			21	B 1.2	1.3E-04	1.5E+02	6.8E+02
GOES 22	0654	0701	0718				24	B 6.5	6.7E-04		
GOES	0841	0844	0846				5	B 1.6	2.6E-05		
GOES	1107	1110	1112				5	B 1.0	2.1E-05		
GOES	1319	1326	1332				13	B 2.9	1.5E-04		
GOES	1743	1749	1756				13	B 2.8	1.5E-04		
GOES	1809	1812	1815				6	B 1.0	3.2E-05		
GOES 23	0003	0007	0014				11	B 1.9	9.4E-05		
GOES 25	1859	1906	1913				14	B 1.3	9.6E-05		
GOES	1930	1937	1943				13	B 1.3	9.2E-05		
GOES 28	0526	0532	0534				8	B 1.4	5.3E-05		
GOES	0654	0658	0700				6	B 1.2	3.0E-05		
GOES	1920	1924	1930				10	B 1.0	5.6E-05		
GOES	2109	2113	2115				6	B 2.5	5.1E-05		
GOES 29	0436	0441	0450				14	B 1.2	8.7E-05		
GOES 30	0909	0920	0935				26	B 1.7	2.1E-04		
GOES 31	0149	0153	0155				6	B 1.4	4.0E-05		
GOES	0400	0404	0408				8	B 2.2	9.5E-05		
GOES	0527	0542	0552				25	B 1.0	1.2E-04		
GOES	1233	1248	1301				28	B 4.4	5.0E-04		
GOES	1532	1538	1540				8	B 1.7	6.5E-05		
GOES	1625	1632	1638				13	B 1.1	6.8E-05		
GOES	1952	2028	2058				66	B 1.7	4.6E-04		

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.