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

JUNE 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	03	0453	0457	0459	S07	E81				6	B 1.9	4.9E-05	3.3E+02	6.1E+02
GOES		1806	1816	1820	S07	E78				14	B 1.7	1.0E-04	5.0E+02	9.8E+02
GOES		1841	1849	1900	S07	E78				19	B 2.8	2.6E-04	1.1E+03	2.5E+03
GOES	04	0857	0903	0912	S07	E70				15	B 5.6	3.4E-04	1.2E+03	3.5E+03
GOES	05	0421	0427	0433						12	B 1.0	7.0E-05		
GOES		0952	0956	0959						7	B 1.3	4.9E-05		
GOES		1030	1034	1037	S07	E56	10892			7	B 1.2	4.3E-05	1.5E+02	2.8E+02
GOES	07	0223	0226	0228						5	B 1.0	2.6E-05		
GOES		0601	0606	0616	S05	E35	10892			15	B 2.4	1.7E-04	1.5E+02	2.8E+02
GOES		0850	0858	0915	S05	E35	10892			25	B 5.3	6.0E-04	9.5E+02	1.8E+03
GOES		1339	1346	1349	S05	E32	10892			10	B 3.0	1.4E-04	5.0E+02	1.1E+03
GOES		1508	1511	1513						5	B 1.2	3.3E-05		
GOES		1521	1524	1527	S02	E54	10893			6	B 1.6	4.7E-05	1.8E+02	3.1E+02
GOES		1712	1718	1721	S02	E53	10893			9	B 1.5	6.5E-05	2.5E+02	5.1E+02
GOES		1907	1910	1912	S05	E27	10892			5	B 1.3	3.4E-05	2.3E+02	4.9E+02
GOES		1923	1927	1929	S08	E25	10892			6	B 1.6	4.8E-05	7.5E+01	1.4E+02
GOES		2259	2303	2306	S08	E22	10892			7	B 1.3	4.4E-05	5.0E+01	8.5E+01
GOES	08	0314	0317	0319	S05	E22	10892			5	B 1.6	3.1E-05	1.0E+02	1.9E+02
GOES		0728	0732	0736						8	B 1.1	4.3E-05		
GOES		0905	0910	0921						16	B 1.4	1.3E-04		
GOES		0956	1001	1003	S05	E13	10892			7	B 1.3	4.2E-05	1.0E+02	1.8E+02
GOES		1106	1109	1111	S05	E13	10892			5	B 1.1	2.6E-05	1.3E+02	2.4E+02
GOES		1111	1114	1116	S05	E13				5	B 1.6	3.7E-05	2.0E+02	4.6E+02
GOES		1544	1549	1551	S05	E10	10892			7	B 3.3	7.6E-05	5.8E+02	1.8E+03
GOES	10	1634	1639	1647	S08	W08	10892			13	B 5.9	2.9E-04	7.3E+02	1.5E+03
GOES	11	0914	0918	0921	S06	W21	10892			7	B 1.4	4.6E-05	2.5E+02	4.6E+02
GOES		2028	2031	2036			10892			8	B 1.0	3.4E-05		
GOES	14	0434	0437	0440	S04	W90	10892			6	B 1.1	3.1E-05	1.3E+02	2.1E+02
GOES		0622	0626	0631	S04	W90	10892			9	B 1.2	5.5E-05	2.5E+02	4.5E+02
GOES		1737	1747	1800	S05	W90	10892			23	B 1.7	2.0E-04	6.0E+02	1.2E+03
GOES	15	0053	0058	0102	S05	W90	10893			9	B 4.6	2.1E-04	8.8E+02	2.0E+03
GOES		0415	0431	0454	S05	W90	10892			39	C 2.6	4.3E-03	3.3E+03	1.2E+04
GOES		0620	0625	0631	S05	W90	10892			11	B 3.1	1.9E-04	5.8E+02	1.1E+03
GOES		0634	0644	0657	S05	W90	10892			23	B 9.8	1.0E-03	1.8E+03	5.3E+03
GOES		0808	0823	0839	S05	W90	10892			31	C 1.4	1.9E-03	1.7E+03	5.3E+03
GOES		1021	1035	1050	S05	W90	10892			29	B 2.4	3.8E-04	3.8E+02	6.7E+02
GOES		1116	1136	1157			10892			41	B 3.3	6.3E-04		
GOES		1510	1521	1540						30	B 2.8	4.0E-04		
GOES		1658	1710	1743						45	B 3.8	7.8E-04		
GOES		2158	2202	2205	S08	W90	10892			7	B 2.0	6.9E-05	2.8E+02	5.2E+02
GOES	16	0401	0406	0417						16	B 1.2	1.1E-04		
GOES		0930	0935	0940	S08	W90	10892			10	B 1.3	6.4E-05	4.0E+02	8.4E+02
GOES		0953	0958	1003	S08	W90	10892			10	B 1.2	6.4E-05	4.5E+02	9.3E+02
GOES		1114	1118	1121	S09	W90	10892			7	B 1.2	4.1E-05	7.5E+01	1.2E+02
GOES		1417	1423	1428	S08	W90	10892			11	C 2.8	1.1E-03	1.1E+03	3.9E+03
GOES		1530	1538	1550	S07	W90				20	B 2.7	2.7E-04	2.0E+02	3.4E+02
GOES		1634	1644	1652	S09	W90				18	B 5.2	3.8E-04	1.0E+03	2.7E+03
GOES	17	0959	1006	1014						15	B 1.4	1.1E-04		
GOES	19	1258	1302	1307						9	B 1.1	5.3E-05		
GOES	24	1008	1012	1015	N09	E81				7	B 3.1	7.3E-05	3.8E+02	7.9E+02
GOES		1034	1039	1046	N08	E82				12	B 1.8	1.1E-04	4.0E+02	8.0E+02
GOES		1125	1129	1139	N09	E82				14	B 1.7	1.2E-04	3.3E+02	6.2E+02
GOES		1512	1554	1607						55	B 1.4	2.9E-04		
GOES		1732	1736	1738	N09	E79				6	B 1.9	3.7E-05	3.8E+02	8.1E+02
GOES		2104	2109	2112	N09	E80				8	B 1.5	5.4E-05	2.5E+02	4.6E+02
GOES	25	0327	0331	0334	N08	E78				7	B 1.0	3.4E-05	3.0E+02	5.6E+02

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JUNE 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	25	0500	0505	0508	N08	E78				8	B 4.3	1.2E-04	5.8E+02	1.2E+03
GOES		0635	0641	0652	N08	E79				17	B 1.1	1.1E-04	5.3E+02	1.0E+03
GOES		0739	0747	0802	N08	E79				23	B 1.6	1.8E-04	5.5E+02	1.0E+03
GOES		2020	2025	2033	N08	E72	10897			13	B 1.2	8.5E-05	4.3E+02	8.0E+02
GOES	26	1101	1106	1109	N06	E64	10897			8	B 1.7	6.0E-05	3.0E+02	5.6E+02
GOES		1157	1203	1207	N07	E63	10897			10	B 1.0	5.6E-05	1.5E+02	2.5E+02
GOES	27	0437	0442	0446						9	B 2.2	9.2E-05		
GOES	28	1222	1226	1231	S07	E72				9	B 1.4	6.4E-05	2.0E+02	4.3E+02
GOES		1503	1506	1509						6	B 1.0	3.1E-05		
GOES		1921	1932	1941	S07	E69	10898			20	B 5.1	4.0E-04	7.3E+02	1.8E+03
GOES		2038	2043	2047	N09	E33	10897			9	B 1.7	8.3E-05	2.8E+02	4.8E+02
GOES	29	0410	0418	0423	S06	E65	10898			13	B 2.7	1.6E-04	4.3E+02	8.8E+02
GOES		1410	1415	1420						10	B 1.2	6.4E-05		
GOES		1506	1525	1540	N07	E22	10897			34	B 2.5	4.4E-04	1.5E+02	2.8E+02
GOES		2310	2314	2317	S05	E50	10898			7	B 2.8	8.5E-05	4.8E+02	1.2E+03
GOES		2325	2328	2330						5	B 1.2	2.9E-05		
GOES	30	0243	0251	0256	N07	E16	10897			13	B 2.6	1.5E-04	4.5E+02	8.9E+02
GOES		0327	0330	0332	S04	E48	10898			5	B 2.4	5.3E-05	2.5E+02	5.5E+02
GOES		0534	0537	0539						5	B 1.0	2.8E-05		
GOES		0856	0901	0905						9	B 2.1	9.5E-05		
GOES		0923	0928	0932	S04	E44	10898			9	B 2.1	9.6E-05	2.0E+02	3.6E+02
GOES		1019	1025	1031	S08	E47	10898			12	B 2.3	1.4E-04	1.0E+02	1.8E+02
GOES		1355	1400	1405	N07	E09	10897			10	B 1.7	9.0E-05	1.3E+02	2.3E+02
GOES		1634	1637	1641	S08	E44	10898			7	B 1.6	5.9E-05	1.5E+02	2.8E+02
GOES		2034	2040	2048						14	B 1.7	1.3E-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.