

SUDDEN IONOSPHERIC DISTURBANCES

OCTOBER 2000

Day	Start (UT)	Max (UT)	End (UT)	Imp	Wide Spread Index	Number of Station Reports by Type					Flare (UT)	X-ray Class	NOAA Region
						SWF	SEA	SPA	LF-SPA	SES			
01	0632	0720	0832	2	5		1			2	0623	M5.0	
01	1303	1306	1318	1-	1					1	1255	C3.8	9176
01	1355	1406	1433	1	3					2	1356	M2.2	9178
01	1404	1415	1519	3	5	1	1	1		4	1356	M2.2	9178
01	1422	1437	1530	2+	1					1	No flare		
01	1547	1550	1553	1-	1					1	No flare		
01	1648	1707	1737	2+	1					1	1649		9173
01	1819	1821	1850	1+	1					1	No flare		
02	0804	0819	0900	1+	1		1				No flare		
02	1114	1121	1144	1	1		1				1114		9176
02	1214	1228	1332	1	1		1				*		
02	1445	1502	1545	2+	1					1	No flare		
02	1602	1622	1750	3	1					1	1602	C3.6	9178
02	1759	1803	1841	2-	3					2	1753	M1.4	9177
02	2001	2006	2037	2-	3					2	1957	C8.4	
02	2124	2132	2207	2	1					1	2126	C4.8	9182
03	1433	1437	1507	2	1					1	1429	C2.2	
03	2057	2102	2122	1	3					2	2055	C1.8	
04	1343	1402	1547	1	1		1				No flare		
04	1507	1516	1539	1+	5					5	1503	C3.4	9181
05	0554	0557	0625	1	1		1				0600	C2.1	9172
06	1412	1416	1421	1-	1					1	No flare		
07	0654	0716	0758	1	1		1				0628	C1.7	
07	1118	1132	1212	1	1		1				No flare		
08	0657	0714	0742	1	1		1				No flare		
09	1006	1017	1057	1	1		1				No flare		
09	1309	1320	1411	2-	5		1			2	1310	C5.7	9182
09	1507	1515U	1520U	3	1		1				*		
09	1645	1648	1715	1+	1					1	1654	C1.0	9182
10	0852	0905	0944	1	3		1			1	0902	C1.5	
11	1221	1235	1251	1	1		1				No flare		
11	1328	1400	1445	1	1		1				No flare		
11	2003	2013	2045	2	1					1	1959	C3.5	9182
12	1741	1742	1845	2+	1					1	1740	C2.3	
12	2029	2037	2208	3-	3					2	2026	M1.5	9182
13	0617	0626	0714	2-	1					1	0614	C6.2	9195
13	1005	1019	1057	2+	1					1	1008	C2.1	
14	0832	0842	0936	2	5		1			6	0831	M1.1	9182
14	1045	1054	1117	1+	3		1			3	1030	C8.7	9187
14	1054	1110	1155D	2	1		1				No flare		
14	1155	1204	1231	1+	5		1			3	1153	C8.4	9182
14	1245	1251	1319	2	1					1	1241	C4.1	9194
14	1406	1412	1448	2-	5		1			3	1403	C3.9	9194
14	1721	1728	1747D	3+	1					1	1727	C1.7	9198
14	1747	1751	1815	1+	1					1	1751		9198
15	0722	0725	0743	1	3					2	0720	C3.4	
15	0828	0835	0900	1+	1					1	0817	C3.6	
16	0643	0700	0930	3+	1					1	0640	M2.5	
16	0713	0739	0924	2	1		1				0640	M2.5	
17	1700	1715	1745	2	1					1	1703	B9.7	9193
17	1748	1752	1820	1+	3					2	1749	C2.2	9200
17	2141	2147	2230	2	1					1	2140	C4.2	

* = no flare patrol.

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						SWF	SEA	SPA	LF-SPA	SES			
18	1343	1645	1652	3+	1					1	No flare		
21	0510	0515	0545	2	1					1	0500	C1.6	9199
21	0700	0702	0715	1-	1					1	0657	C2.4	9201
21	0954	1014	1050	2	5		1			2	0951	C5.6	9199
21	1814	1821	1913	2-	3					3	1813	M3.0	9201
21	1824	1836	1937	2+	1					1	1813	M3.0	9201
22	0806	0820	0927	2	1		1				No flare		
22	0950	1006	1121	3	1		1				No flare		
22	1135	1152U	1227	2	1		1				No flare		
22	1230	1244	1451	2	1		1				No flare		
23	1355	1405	1430	2	1					1	No flare		
24	0902	0912	0952	1	1		1				0804	C2.3	
24	1000	1018	1116	1	1		1				No flare		
24	1534	1536	1553	1	1					1	1530	C2.1	
25	0422	0425	0500	1	1					1	0420	C2.6	
25	0550	0553	0615	1	1					1	0546	C2.1	
25	0845	1125	1515	3+	1					1	0845	C4.0	
26	0610	0615	0645	2	1					1	0604	C4.3	9209
26	0735	0742	0815	2	1					1	0730	C3.1	9203
26	1135	1143	1208	2+	5	1	2	1		2	1131	C6.9	9203
26	1557	1607	1703	2+	5					5	1555	C8.5	9209
27	1119	1122	1130	2-	5	1	2	1		1	1114	C8.2	
27	1159	1211	1253	2	5	1	2	1		3	1155	C9.7	
27	1852	1855	1910	1-	3					2	1850	C1.8	
27	1949	1953	2026	2-	3					3	1947	C3.3	
27	2044	2050	2137	2	3					2	2039	M1.1	
28	0415	0430	0530	2+	1					1	0404	C4.9	
28	0712	0718	0741	1+	3		1			2	0703	C9.7	9212
28	0949	0952	1013	2-	5	1	2	1		4	0939	C9.6	
28	1110	1135	1201	2	5					2	1106	C3.1	
28	1631	1636	1709	2-	5					4	1630	C4.8	
28	1840	1845	1926	2-	3					3	1841	M1.7	
28	1845	1850	1945	2+	1					1	1841	M1.7	
28	1939	1942	2018D	2	1					1	1940	C3.9	
31	1808	1811	1826	1	1					1	*		
31	1951	1954	2031	2	1					1	1946	C2.0	9209

* = no flare patrol.

OBSERVATORIES REPORTING FOR OCTOBER 2000

Cambridge, England, UK	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Edenvale, Rep of S. Africa	SES	Parma, Ohio, USA	SES
Houston, Texas, USA	SES	Perth, Australia	SES
Hudson, Ohio, USA	SES	Rimavska Sobota, Slovakia	SEA
Isola del Gran Sasso, Italy	SES	Sofia, Bulgaria	SES
Koniz, Switzerland	SES	Upice, Czech Republic	SEA
Marlboro, Massachusetts, USA	SES	Ziar nad Hronom, Slovakia	SEA
Nerja, Spain	SES	Zilina, Slovakia	SEA

Observations are not necessarily continuous.