

SUDDEN IONOSPHERIC DISTURBANCES
JANUARY 2001

113
Jan 01

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	1645	1730U	1804	1	1		1				1653	C1.7	
01	1706	1752	1818	2	5		1			1	No flare		
02	0745	0804	0916	3-	3					2	0744	C7.5	
02	0814	0822	0854	1	1		1				0744	C7.5	
02	1703	1710	1739	2	3					3	1701	C6.9	
03	0617	0622	0715	2+	1					1	0614	C4.4	
03	0947	1022	1039	3	1		1				No flare		
03	1037	1047	1128	2	5		1			3	1037	C2.6	
03	1805	1807	1825	1	3					3	1759	C2.7	9290
04	0855	0900	0945	2+	1					1	0850	C4.5	
04	1853	1917	1945	1+	5		1			2	1909	C2.5	9301
04	2006	2008	2033	1	1					1	2004	C3.6	9289
05	0705	0711	0745	2	1					1	0703	C3.2	9302
05	1608	1614	1642	2	1					1	1544	C2.0	
05	1636	1649	1710	3	1		1				No flare		
05	1710	1800U	1916	3	1		1				No flare		
05	1826	1834	1907	1+	3					4	1823	C6.8	9302
05	1849	1852	1931	2-	3					3	1823	C6.8	9302
07	1220	1225	1230	1-	1					1	1204	C1.9	
08	0739	0743	0759	2	1		1				No flare		
08	0759	0853	0937	3	1		1				No flare		
08	0905	0926	1014	3	1		1				No flare		
09	0648	0654	0720	2-	3					2	0645	M1.8	9306
09	0849	0854	0911	1	3					3	0844	C5.1	
09	1601	1606	1623	1	3					3	1557	C2.6	
10	1015	1022	1022D	3	5	1	3	1		2	1012	M3.5	9302
10	1130	1134	1140	1-	1					1	No flare		
10	1709	1713	1740	1+	1					1	No flare		
10	1804	1806	1823	1-	3					2	1800	C2.5	9302
11	1047	1104	1222	1	1		1				*		
11	1240	1303	1351	1	1		1				No flare		
11	1828	1913	1930	1+	1		1				1828	C1.8	
12	1156	1212	1230	1	1		1				1202	C2.1	
12	1258	1330U	1408	1	1		1				No flare		
13	1943	1945	2002	1	1					1	1940	C3.4	9306
14	0844	0848	0859	1	1					1	0843	C2.4	
14	1026	1032	1055	1	3					3	1024	C4.6	
14	1152	1227U	1441	2	1		1				1213	C1.3	
14	1445	1453	1545	2+	1					1	No flare		
14	1600	1601	1615	1-	1					1	1553	C1.7	9306
15	0800	0827	0841	1+	1		1				No flare		
15	0835	0910	0955	3	1		1				0900	C1.2	9306
15	1101	1118	1138	1	1		1				*		
15	1132	1140	1155	1	3					2	1132	C1.1	
15	1308	1313	1344	2-	3		1			2	1304	C2.9	
15	1520	1537	1607	2+	1					1	No flare		
15	1602	1604	1718	2+	3					4	1556	C9.4	9306
15	1846	1852	1946	2+	3					3	1842	C4.9	9306
16	0606	0610	0637	1+	1					1	0605	C2.2	9306
16	1513	1529	1615	2	5		1			4	1509	C2.4	
16	1956	2000	2015	1	1					1	1952	C1.8	
17	0545	0605	0730	3	1					1	0539	C4.0	
17	0907	0952	1019	2	1		1				0916	C1.3	
17	1253	1310	1434	1	1		1				1219	C1.6	
17	1300	1400U	1534	3	1		1				1219	C1.6	

* = no flare patrol.

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						SWF	SEA	SPA	LF-SPA	SES			
18	1050	1130	1200	1	1		1				No flare		
18	1157	1209	1230	1	1		1				No flare		
19	1155	1219	1424	1	1		1				1131	C1.8	
19	1436	1441	1512	1	1		1				No flare		
19	1606	1630U	1726	2	1		1				1625	M1.0	9313
19	1650	1711	1824	2+	3					3	1625	M1.0	9313
20	0837	0915	0952	3	1		1				0849	C1.4	
20	1435	1448	1530	1	1		1				1428	C1.0	
20	1837	1848	1936	2	3					4	1833	M1.2	9313
20	2113	2119	2222	2+	3					3	2106	M7.7	9313
21	0913	0920	1006	2	1		1				No flare		
21	1919	1924	1952	2-	3					2	1917	C3.0	9313
22	0643	0649	0725	1+	1					1	0640	C2.7	9313
22	2203	2208	2233	1+	1					1	2157	C2.8	
23	1752	1802	1848	2+	3					4	1747	C2.5	
23	2035	2044	2135	2	3					2	2032	C4.3	9311
24	0530	0533	0600	1+	1					1	0525	C2.6	
24	0722	0725	0725D	1	1					1	0716	C1.8	9321
24	1057	1105	1125	1+	3		1			4	1055	C6.4	
24	1235	1245U	1255	1	1					1	1236	C2.2	9319
24	1327	1337	1412	1	1		1				No flare		
24	1443	1448	1525	1+	5		1			5	1437	M1.0	9311
24	1548	1554	1620	1+	5					6	1540	C6.3	9311
24	1715	1719	1745	1+	1					1	1708	C1.4	
24	1829	1836	1923	2+	3					4	1825	C4.5	9311
24	1928	1932	2002	2	3					2	1929	C2.1	9311
25	0708	0711	0734	1+	3					2	0707	C7.4	
25	0817	0820	0850D	1+	1					1	0816	C4.0	
25	0851	0855	0911	1-	3					3	0850	C4.2	
25	0915	0940U	0956	1	1		1				*		
25	1024	1026	1045	1-	3					2	1022	C2.9	
26	0601	0605	0630	1+	1					1	0553	M1.0	9325
26	0852	0857	0916	1-	1					1	0850	C1.3	9313
26	2012	2013	2041	1+	1					1	2006	C2.4	9313
27	1858	1902	1907D	1-	1					1	1854	C3.1	
28	0457	0500	0515	1-	1					1	0455	C1.6	
28	1237	1240U	1336	1	1		1				1255	B9.5	
28	1345	1401	1427	1	1		1				*		
28	1435	1500	1519	1+	3		2				1508		9313
28	1541	1552	1633	2	5		1			7	1540	M1.5	9313
28	1845	1850	1915	1+	1					1	1846	C2.9	
29	1021	1043	1113	2	1		1				*		
29	1530	1540	1601	1	3		2			1	1532	C5.7	9329
29	1712	1733	1809	2	1		1				1741	C2.1	
30	1510	1514	1538	1+	3					3	1501	C2.2	
30	1733	1808	1848D	2	1		1				1822	C2.0	9330

* = no flare patrol.

OBSERVATORIES REPORTING FOR JANUARY 2001

Bedford, Massachusetts, USA	SES	Marlboro, Massachusetts, USA	SES
Cambridge, England, UK	SES	Nerja, Spain	SES
Edenvale, Rep of S. Africa	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Houston, Texas, USA	SES	Parma, Ohio, USA	SES
Hudson, Ohio, USA	SES	Sofia, Bulgaria	SES
Isola del Gran Sasso, Italy	SES	Upice, Czech Republic	SEA
Koniz, Switzerland	SES	Vlasim, Czech Republic	SEA

Observations are not necessarily continuous.