

SUDDEN IONOSPHERIC DISTURBANCES

127
May 01

MAY 2001

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	1428	1441	1510	1-	5		1			3	1436	C1.7	9433
01	1500	1509	1541	2	3					4	1455	C2.2	9441
01	1642	1656	1733	1	5		1			1	1652	C2.0	9445
01	1726	1734	1813	2	3					8	1723	C4.2	9441
01	1900	1910	2058	3	1					6	1858	M2.4	9433
02	0035	0041	0125	2+	1					1	0032	M1.8	9441
02	0627	0631	0652	3-	5	1	2	1		3	0626	C8.7	9441
02	1322	1348	1425	1	1		1				No flare		
02	1709	1716	1757	2	3					4	1708	C1.9	
02	1930	1935	2011	2-	3					7	1928	C2.4	
03	0545	0548	0600	1-	3					2	0544	C1.6	
03	2135	2141	2213	2-	3					3	2116	C2.3	
04	0548	0558	0640	2	1		1				No flare		
04	1439	1445	1530	2-	1					1	1440	C4.1	9447
04	1443	1504	1540	2+	3					2	1440	C4.1	9447
04	1905	1925	2015	2+	1					1	1904		9447
05	0848	0851	0923	3	5	1	2	1		2	0842	M1.0	9445
05	1810	1818	1908	2+	3					8	1807	C6.3	9445
05	2106	2109	2113	1-	1					1	2100	B9.3	
06	1145	1148	1248	2	1					1	1140	C2.8	
06	1933	1948	2025	2	3					5	1931	C7.9	9445
06	1953	2004	2039	2-	3					4	1931	C7.9	9445
07	1211	1224	1245	2	5	1		1		1	1136	C3.9	9445
07	1535	1600	1615	2	1					1	1534	C2.2	9445
08	0043	0055	0135	2+	1					1	0036	C9.9	9445
08	0735	0741	0814	1	1		1				No flare		
08	1516	1517	1530	1-	1					1	No flare		
08	1616	1622	1644	1+	1					1	1610	C1.6	
09	0850	0856	0947	1+	1					1	0847	C1.5	9445
10	1444	1515	1610	2-	5		1			2	1448	C6.1	9454
11	0835	0859	1026	1	1		1				No flare		
11	1005	1008	1022	1-	1					1	1000	C1.6	9455
11	2018	2022	2054	2-	3					3	2017	C3.7	
11	2110	2130	2216	2+	1					1	*		
11	2233	2243	2310	2-	3					2	2231	C2.7	
12	0835	0852	0915	1-	3		1			1	0841	B9.5	9454
12	0959	1006	1024	2	5	1	2	1		1	0954	C2.8	9455
12	1208	1213	1230	3-	5	1	2	1		1	1202	C5.7	9454
12	1411	1420	1503	1+	5		1			4	1408	C4.0	9455
12	1443	1450	1503	2	5	1	1	1		3	1440	C4.2	9455
12	1716	1723	1741	1	3					3	1714	C3.5	9455
12	2325	2331	0103	3-	3					2	2242	M3.0	9455
13	0023	0028	0040	1-	1					1	0020	C3.4	9455
13	0304	0307	0330	1+	1					1	0258	M3.6	9455
13	0818	0821	0831	2-	5	1	1	1		3	0813	C3.4	9455
13	0949	1034	1204	1	1		1				0958	B9.7	9455
13	1401	1405	1443	1+	5	1	2	1		7	1358	C4.9	9455
13	1915	1919	1949	1+	3					6	1912	C3.3	
13	2051	2053	2115	1	1					1	2047	C1.6	
14	1220	1232	1245	1	1					1	1213	C2.3	9455
14	1827	1828	1849	1	1					1	No flare		
15	0258	0303	0335	2	1					1	0253	M1.0	9455
15	0839	0847	0912	1+	5		1			2	0834	C3.5	9455
15	1322	1333	1348	2	5	1	1	1		1	1316	C3.4	
15	1559	1610	1632	1	1		1				*		

* = no flare patrol.

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						SWF	SEA	SPA	LF-SPA	SES			
16	0630	0635	0659	2	5		2	1		2	0628	C4.2	9455
16	1039	1045	1106	3	5	1	2	1		5	1035	M1.3	9455
16	1436	1445	1513	2-	3					4	1435	C2.1	
16	1522	1538	1613	1+	5		1			1	1536	C2.7	9458
16	1543	1551	1620	2-	3					4	1536	C2.7	9458
16	1656	1719U	1758	1	1		1				No flare		
16	1834	1841	1905	2-	3					4	1833	C1.5	9455
16	1918	1924	1933	1-	1					1	1917	B8.5	
17	0650	0657	0703	1-	1					1	0647	C2.2	
17	1000	1006	1027	2	5	1	2	1		3	0957	C4.0	
17	1306	1313	1330	1	1					1	1309	B9.8	
17	1341	1347	1412	1+	3					3	1341	C1.9	9455
17	1439	1444	1504	1+	3					3	1439	C1.4	
17	1651	1655	1725	2	5			1		6	1646	M1.2	9455
17	1936	1953	2036	2+	3					6	1936	C7.0	9454
17	2015	2020	2045D	1	1					1	No flare		
17	2044	2049	2125	2-	3					6	2041	C9.1	9454
17	2140	2145	2237	2+	3					2	2136	C4.0	9461
18	0633	0635	0641	3	5	1	2	1		4	0629	C6.4	
18	1454	1500	1523	1+	3					3	1454	C2.4	
18	1538	1547	1619	2-	3					3	1539	C2.5	
18	1828	1835	1931	2+	3					7	1824	C5.7	
19	0210	0215	0230	1	1					1	*		
19	0742	0746	0753	1-	1					1	0741	C1.5	
19	1100	1104	1119	1+	5	1		1			*		
19	1437	1439	1446	2+	5		2	1		9	1433	C6.7	
19	2150	2200	2210D	2	1					1	2148	C2.1	
19	2210	2220	2250	2	1					1	No flare		
20	0601	0604	0638	3-	5	1	2	1		4	0600	M6.4	
20	0918	0923	0942	3	5	1	2	1		3	0912	M1.5	
20	1138	1141	1225	3-	5	1	2	1		6	1135	C6.1	
20	1436	1443	1520	2-	5		1			7	1432	C2.9	
20	1915	1925	2000	2	1					1	1907	B9.2	
20	1931	1941	2008	2-	3					4	1930	C1.3	
23	1618	1645U	1714	1	1		1				No flare		
23	2110	2113	2130	1	1					1	2103	B7.0	
24	1530	1534	1552	1	1					1	No flare		
24	1928	1934	2050	3-	3					3	1930	M1.2	9468
24	1935	1944	2051	2+	3					3	1930	M1.2	9468
25	1917	1930	2035	2+	1					1	1912	C5.2	9468
25	2205	2213	2240	2	1					1	2200	C2.8	9468
27	1210	1245	1304	1	1		1				No flare		
28	1552	1557	1616	1	3					3	1548	C1.2	
29	0523	0533	0557	1	1		1				0521	C4.4	9475
30	2150	2151	2201	1-	1					1	No flare		
31	1910	1912	1931	1-	3					2	1907	C1.7	

* = no flare patrol.

OBSERVATORIES REPORTING FOR MAY 2001

Alberta, Canada	SES	Koniz, Switzerland	SES
Bedford, Massachusetts, USA	SES	Mandaville, Arizona, USA	SES
Brookline, 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	Sofia, Bulgaria	SES
Hudson, Ohio, USA	SES	Torrington, Connecticut, USA	SES
Isola del Gran Sasso, Italy	SES	Upice, Czech Republic	SEA

Observations are not necessarily continuous.