

SUDDEN IONOSPHERIC DISTURBANCES
MAY 2005

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May 05

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	0019U	0019	0030	1-	1						1	No flare	
01	0813	0820	0829	1-	1						1	0810	B3.4
01	1412	1435	1503	1	1		1					No flare	
01	1626	1636	1728	2+	3						4	1625	C1.9
03	1032	1036	1126	2	5		1	1			3	1028	C2.7
03	1835	1841	1902	1+	3						2	1836	B8.1
04	1103	1111	1127	1	1		1					No flare	
04	1149	1159	1210D	1	1		1					No flare	
05	1050	1103	1130	2	1						1	1047	C1.7
05	1412	1417	1432	1	1		1					*	
05	1434	1444	1523	2-	5		1				5	1435	C2.4
05	2012	2019	2057	2-	3						6	2009	C7.8
06	0308	0317	0413	2+	1						1	0305	C9.3
06	0543	0552	0631	2+	1						1	0526	C2.2
06	0924	0942U	0956	1	1			1				0912	C1.0
06	1122	1129	1222	3	5	1	1	1			6	1111	M1.3
06	1124	1143	1159	1	1		1					1111	M1.3
06	1405	1415U	1444	1	1		1					No flare	
06	1520	1546	1603	1	1		1					No flare	
07	0805	0817	0841	3-	5	1	2	1			7	0757	M1.4
07	0849	0851	0907	1-	1						1	0846	C1.2
07	1148	1202	1228	1+	3		1				1	1148	C1.2
08	1626	1642	1736	1	1		1					No flare	
09	0953	1009	1032	2	1						1	0957	C1.4
09	1055	1104	1127	2	5	1	2	1			5	1037	C8.9
09	1143	1149	1158	1	5	1					8	1139	C5.6
09	1227	1232	1244	1-	5	1					3	1224	C2.5
09	2102	2106	2201	2+	3						3	2059	C3.7
10	0509	0525	0621	2-	3		1				2	0503	M1.3
10	0901	0906	0935	1+	3						2	0859	C2.2
10	1223	1227	1249	1+	5						2	1221	C1.5
10	1411	1413	1432	1	1						1	1407	C1.3
10	1826	1837	1904	2-	3						2	No flare	
10	1950	1956	2035	2-	3						5	1938	C5.8
11	0635	0642	0717	2	5	1	2	1			7	0611	M1.2
11	0905	0917	0928	1-	3	1					1	0903	C1.7
11	1659	1706	1723	2	5		1	1			6	1656	C6.9
11	1920	1930	2017	2+	1						1	1922	M1.1
11	1924	1940	2029	2	3						5	1922	M1.1
12	0110	0116	0120	1-	1						1	0110	C9.4
12	0658	0702	0720	1	3						2	0654	C1.4
12	0730	0733	0751	2+	5	1	1	1			7	0727	M1.6
12	1319	1326	1337D	1-	1						1	1316	C1.2
12	1340	1358	1442	2+	5						3	1340	C3.0
12	1646	1702	1723	1	5		1				2	1658	C1.6
12	1736	1744	1852	2+	5		1				6	1733	M1.4
12	1949	1954	2016	1	3						3	1943	C2.4
13	0819	0822	0850	1+	1						1	0817	B6.8
13	1632	1656	1807	3	5	1	2	1			6	1613	M8.0
14	1503	1508	1530	2+	5	1		1			7	1459	C4.0
14	1553	1601	1632	2-	5						7	1551	C3.5
15	1736	1748	1836	2+	3						3	1737	C1.2
15	1847	1856	1952	2+	3						3	1842	C1.8
15	2041	2046	2120	1+	3						4	2038	C2.9

* = no flare patrol.

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						SWF	SEA	SPA	LF-SPA	SES				
15	2144	2149	2208	1	1						1	2124	C1.6	10763
15	2228	2236	2321	2	3						6	2227	M3.5	10763
16	0239	0242	0311	1+	1						1	0233	M1.4	10763
16	0906	0913	0938	3	5	1	1	1			6	0856	M1.6	10763
16	1252	1302	1324	1+	5						3	1246	C1.2	10759
16	1942	1947	2030	2+	1						1	1936	C5.5	10763
17	0237	0240	0316	1+	5						3	0231	M1.8	10763
17	0401	0404	0428	1+	1						2	0358	C8.4	10763
17	0548	0553	0615	1+	1						2	0547	C2.8	10763
17	0954	1021	1045	2+	1						1	0956	B6.1	10763
18	0825	0829	0853	1+	1						1	0822	C1.6	10763
18	1435	1452	1502	1+	1						1	1434	C2.0	10763
21	1309	1351	1503	3-	3						2	No flare		
25	1640	1652	1707	1	1		1					*		
26	2100	2109	2201	2-	3						4	2057	C8.6	10767
26	2128	2135	2236	2+	3						2	2057	C8.6	10767
27	0503	0508	0519	1-	1						1	0500	C2.5	10767
27	0625	0635	0708	2	5	1		1			3	0623	C6.9	10767
27	1223	1234	1253	3-	5	1		1			3	1153	M1.1	10767
28	0224	0231	0309	2	1						2	0219	C5.4	10767
28	0457	0500	0512	1-	1						1	0456	C1.1	19767
28	2216	2222	2242	1+	1						1	2211	C1.7	
30	0559	0602	0616	1-	1						1	0606	B1.9	10769
31	1435	1455	1506	1-	3	1	1				1	1433	C2.4	10770

* = no flare patrol.

OBSERVATORIES REPORTING FOR MAY 2005

Athens, Greece	SES	Milan, Italy	SES
Bedford, Massachusetts, USA	SES	Mishawaka, Indiana, USA	SES
Bern, Switzerland	SES	Palo Alto, California, USA	SES
Brookline, Massachusetts, USA	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Calcutta, India	SES	Perth, Australia	SES
Edenvale, Rep of S. Africa	SES	Sussex, United Kingdom	SES
Houston, Texas, USA	SES	Torrington, Connecticut, USA	SES
Isola del Gran Sasso, Italy	SES	Tucson, Arizona, USA	SES
Marlborough, Massachusetts, USA	SES	Villiersdorp, South Africa	SES

Observations are not necessarily continuous.