

50MHz PROPAGATION REPORT
FOR FEBRUARY 2010 BY SV1DH

1. Data for all days (28)
2. Relatively good days on: NIL
3. 48 MHz AF video (9L+3C) on: NIL
4. 55 MHz AF video (5N) on: NIL
5. Opening to I on: 4 (E)
6. Special events on:
 - Solar activity 6-16th, max values: SSN 71, SFI 96, Xray background B2.7, flares M8.3! class
 - 3(0900 VK4+ZL to 4X+1130 9M2 to 3B8+FR+5Z on 10m, F2)
 - 4(0915 VK4+9M2 to 4X+ZS6+1030 9M2 to Z2+1230 9M2 to Z2+ZS6 on 10m, F2)
 - 5(1100 9M2 to Z2+1145 9M2 to ZS6 on 10m, F2)
 - 6(5C+2M class flares, 1859 M2.9+2137 M1.3+0215 VK4 to W4+1115 9M2 to 3B8 on 10m, F2)
 - 7(5C+1M flares, 0234 M6.4!)
 - 8(8C+4M flares, 0743 M4.0+1203 M1.1+1347 M2.0+2123 M1.0)
 - 9(3C flares+0930 9M2 to Z2+ZS6+1000 9M2 to 3B8+FR+1100 9M2 to 4X+Z2 on 10m, F2)
 - 10(3C flares+0815 9M2 to ZS6+5Z+3B8+0930 9M2 to FR+1015 9M2 to FR on 10m, F2)
 - 11(1C flare+1015 9M2 to Z2+3B8+1100 9M2 to Z2+EA8!+ZS6+1315 9M2 to 5Z+1545 VE1 to ZS6 on 10m, F2)
 - 12(3C+2M flares, 1126 M8.3!!+1808 M1.1 +1000 VR+ZL+9M to N.EU +1100 9M2 to Z2+1415 W1 to ZS6+1630 W6 to ZS1! on 10m, F2)
 - 13(4C flares+0800 VK to N.EU+0930 9M2 to 4X+HZ+5Z+ZS6 on 10m, F2)
 - 14(1C flare+0745 9M6+JA! to UR+0815 VK to I+9M2 to 4X on 10m, F2+1330 f0F2=8MHZ, MUF=32MHZ over Athens)
 - 15(1C flare+0800 9M2 to 4X+9X+0900-1100 9M2 to N.EU on 10m, F2+1215 f0F2=8.3MHZ, MUF=28MHZ over Athens+1500 W4 to ZS6 on 10m, F2)
 - 16(0830 VK+9M6 to N.EU+9M2 to 4X+5Z+0915 9M6 to I+SV+2330 JA to PY LP!! on 10m, F2)
 - 17(0630 9M2 to 4X+0830 VK+9M2 to UR+IT+0945 9M2 to F+1030 9M2 to IT+SV3 on 10m, F2+f0F2=9!, MUF=33MHz over Athens+1530 9M2 to 5Z+5N on 10m, F2)
 - 18(0830-0930 VK+9M6 to I+9A+S5 +1045 9M2 to 9H+1145 9M2 to IT+1615 W to W.EU on 10m, F2)

- 19(0600! KH2 to IT+0630 9M2+VK3 to IT+0700 9M2 to 4X+0845 KH2+BY to SV1+1045 VK+ZL to I+F+1130 ZL to IT on 10m, F2 +f0F2=8.5, MUF=31MHz over Athens)
- 20(0700 9M2 to 4X+0730 9M2 to UR+0830 9M2 to SV3+0900 9M2 to S5+1500 W0 to ZS2! +1515 9M2 to Z2 on 10m, F2 +1445 TR to I5+CT+EA +S9 to CT on 6m, A-TEP)
- 21(0515! JA to 4X+0715 9M2 to 4X on 10m, F2 +1530 TR to CT+1715 TR to EA on 6m, A-TEP)
- 22(0830 9M2 to 4X+0900 VK+9M to EU on 10m, F2)
- 23(0630 f0F2=8.3, MUF=34MHz over Athens+0730 VK6 to UA+0815 VK9 to G+UR+I +0830 9M2 to 4X+0900 9M2 to IT+5Z+1215 9M2 to 5Z+1530 VE3+W1 to ST+2245 JA to PY on 10m, F2)
- 24(0830 VK2 to I+UR+0930 VK6 to DL+G on 10m, F2+1115 f0F2=8, MUF=30MHz over Athens)
- 25(0630 VK2 to UR+0715 VK9X to G+UR+IT+EA +0800 VK9X to DL+OK+0900 9M2 to I +H4 to SV1+LZ+1045V VR to Z2 on 10m, F2)
- 26(0715 VK9X to S5 +H4+VK8 to UR+UA +0915 9M2+YB+VK4 to I+PA on 10m, F2 +1045 f0F2=8.7, MUF=31MHz over Athens)
- 27(0600 VK3+8 to UR+0645 VK4 to I+S5 on 10m, F2)
- 28(0715 VR+VK4 to OH+0745 VK+9M to UR+YL +0830 9M6 to OE+S5 +1445 9M2 to 5Z+J2 on 10m, F2)
- Another 6m poor month, although 10m propagation improved considerably!
No more 10m reports, since activity is now worldwide high.
7. DXCC entities heard/worked during February 2010: 1 on 1 cont.
8. DXCC entities heard/worked during 4th eb 2010: 1 on 1 cont.