

50MHz PROPAGATION REPORT  
FOR JANUARY 2010 BY SV1DH

1. Data for all days (31)
2. Relatively good days on: 4,22
3. 48 MHz AF video (9L+3C) on: NIL
4. 55 MHz AF video (5N) on: NIL
5. Openings to DL: 4,22(E)
6. " OE: 4,22(E)
7. " SP: 4(E)
8. " UR: 4(E)
9. Special events on:
  - 01-031, except on 6,19<sup>th</sup> (SSN up 41, SFI up 93,Xray background up B5.0, flares up M3.4! class)
  - 2(0724 C1.0+1416 C2.6+2319 C3.1 flares)
  - 3(0122 C2.0 flare+0745 VK3 to UR on 10m, F2)
  - 4(0340 C1.3 flare+0015 45Mhz ZL video to W4+**1200 SV14/B to OE on 4m Es+2100 48Mhz FM CE to ZL2**)
  - 5(2000 48 FM CE to ZL2+2130 45 ZL video to CE+**2200 VK3 to CE1 on 6m, Es+2230 ZL4 to CE3 on 6m Es**)
  - 7(**0130 FK/B to W7 on 6m Es? +0230 VK4 to W7 on 6m Es?**+1145 9M2 to Z2 on 10m, F2)
  - 9(1523 C1.0 flare)
  - 10(**1400 SV3/B to G+ON on 6m, Es**)
  - 11(1015 VK6 to F on 10m, F2)
  - 12(1320 C1.1 flare+ 0130 VK4 to W3 on 10m, F2)
  - 15(0841 C1.3 flare+ 1030 9M2 to ZS6 on 10m, F2)
  - 17(2233 C2.1 flare)
  - 18(2030 C4.9 flare+ **1230 SV3/B to SP+DL on 6m, Es**)
  - 19(6C+2M class flares!! 1341 M2.3 **first M class flare of cycle 24** +2035 M1.7 flare+ **Es on N.EU all morning**)
  - 20(9C+4M flares!! 0727 M1.0+0749 M1.6+1059 M1.8+1755 M3.4 Xray flares+1230 9M2 to ZS6 on 10m, F2 + **Es on N.EU all morning**)
  - 21(3C class flares, up to C4.9)
  - 22(**1530 SV3/B to OK+DL+PA +1600 SV3/B to LX+ON +SV2 to G +TA to G 2Es!**+1700 SV3/B to F+1830 SV3/B to EA5,6 all on 6m, Es +2330 ZL2 to LU on 10m, F2)
  - 23(**0900 SV9 to OK on 6m, Es**)
  - 24(1100 9M2 to ZS6+1200 9M2 to Z2 on 10m, F2)
  - 25(1030 9M2 to 3B8 on 10m, F2)
  - 26(1215 9M2 to 4X+3B8+ZS6+1300 9M2 to Z2 on 10m, F2)

27(1245 9M2 to 3B8+Z2+ZS6 on 10m, F2)  
28(1200+1500 9M2 to 3B8+Z2+ZS6 on 10m, F2)  
29(1100 9M2 to Z2 on 10m, F2)  
30(1030 9M2 to Z2+ZS6 on 10m, F2)  
31(1730 G to S5 on 4m, Es)

Another poor month!

10. DXCC entities heard/worked during January 2010: 4 on 1 cont.
11. DXCC entities heard/worked during 4<sup>th</sup> Jan 2010: 4 on 1 cont.

73 COSTAS