

# 50MHz PROPAGATION REPORT FOR OCTOBER 2011 BY SV1DH

1. Data for all days (31)
2. Relatively good days on: 1,2,10,14,16,17,20,21,23,27
3. 48 MHz AF video (5Z+TJ+UNID) on: 1-3, 5-6,9-31 (R=90%)
4. 55 MHz AF video (5N) on: NIL
5. Opening to Z2 on: 1-3,5,10,14-23,25-27,30,31 (R=65%)
6. " ZS6 on: 1,3,5,10,14-17,19-25,27 (R=52%)
7. " V5 on: 10,17,23
8. " 9Q on: 1,2,6,9,10,13,14,20,21,23,27 (R=35%)
9. " TR on: 1 (R=3%)
10. " TJ on: 1,2,3,9
11. " 5N on: 2,3,5,9,10,12,13,14,20,31
12. " C5 on: 1,2,15,21,23,24
13. " 3X on: 21,23,24
14. " 6W on: 23,24
15. " TU on: 28,30,31
16. " ZD7 on: 3,5,6,10,16 (R=16%)
17. " ST on: 10
18. " FR on: 10,14-17,21-23
19. " 3D8 on: 27
20. " PY on: 2,20,21 (R=10%)
21. " LU on: 20
22. " ZP on: 20
23. " CE on: 30
24. " 4X on: 19 (E)
25. " JY on: 19(E)
26. " I on: 1,3,6,8,23 (bsc AF) (R=16%)
27. " IS on: 1,6 (bsc AF)
28. " EA6 on: 2,4,13,25 (bsc AF)
29. " S5 on: 27 (bsc AF)
30. " UR on: 13 (E)
31. Special events on:
  - 1(M flare+1300 DU to A4+1345 9M6 to A9+DU to A6+1415 VK8+9M2 to A9+1800 9Y to ST!)
  - 2(2M flares+1300 DU to A9+1530 CX to IH9+EA+1630 W1 to CT,Es+1700 FY to G)
  - 3(0100 KH6 to LU+1430 DU to A6+1545 DU to ST!+A4+A6)

- 4(0300 KH6 to PY+FG to 9Q, late)
- 5(0245 KH6 to LU+BY to PY+1715 FY to EA+S5+I+1800 V4 to EA, bsc)
- 6(0330 KH6+BY to PY+1830 9Y to ST+2330-0430! KH6 to PY)
- 7(2300 TR to PY)
- 8(0230-0345 KH6+BA to PY+LU+1245 DU to A6+1315 YB to A6+A9+1345 VK4! to A9+YB to A7+DU to A4+VK8 to A7+1400 YB to 4X!+1515 YB to A9)
- 9(VK6+9V to A9+1045 VK8 to A9+1100 f0F2=11.2/MUF=37MHZ over Athens+1200 VK8+DU to D4!!+1230 DU to I8+2300 KH6 to LU)
- 10(0315 KH6 to PY+1045 VR2 to A9+BA to FR+1300 DU to A6+1430 A9 to EA, Es+1630 W1 to CT+EA, bsc+1730 KP4 to CT+EA, bsc+1900 PY to SV3+KP4 to 9Q+2045 CE to 9H)
- 11(0915 foF2=11.1/MUF=36MHZ Athens+1230 DU to ST+A4+1315 VK8 to A4+1400 DU+VK8+VR2 to A9+1800 KP4 to CT, bsc)
- 12(1200 VK8+DU to ST+1245 DU to 4X+1330 DU to A4+1400 DU to A6+A9+1815 V4 to EA, bsc)
- 13(0400 KH6+BA to PY+0900 FR to JA6+BA+DU+1230 foF2=11.5/MUF=36MHZ Athens+1300 DU+BA+VK8 to A6+ST+1315 VR2 to A6/M!!+1430 DU+9M2 to A6+A9+1500 XV+VR2+4S to A9+2030 CE to EA+2200 TR to ZP +PY+LU to 5N)
- 14(0030 KH6 to LU+0230 KH6+BA to PY+0445 BA to LU late, almost LP!+1115 BA+VR2 to A9+1215 DU to A9+1315 VK8+9M6 to A9+1500 9M6+YB to A9+2000 TR to FG)
- 15(0300 KH6 to PY+0715 foF2=11.2 Athens+1315 DU to 4X+1445 YB to A9+4X+2345 KH6 to PY+LU)
- 16(0130 KH6 to HI+1300 ST to G+1800 ZS6 on 4m, weak ETEP+2030 PY to 9H+4X+A9!)
- 17(0100 KH6 to LU+CE+1415 YB+VK8 to A9+1830 ZS6 on 4m, weak ETEP)
- 18(0215 FK8 to W4!+KH6 to PY+1230 DU to ST+1345 9M6+DU to A6+A9+1530 DU to A9+2045 PY+ZP to 4X+2245-0345 KH6 to PY+LU+CX+ZP)
- 19(0245 JA to CX+0700 DU to YS, SP late+1345 DU+VK8+9M6 to A9+1415 9M2 to A9+2030 PY to I +TR to KP4)
- 20(M flare+0200 KH6 to PY+LU+1300 DU to A4+1400 DU+VK6 to A9+1430 VR2+DU to A9+1930 FR to EA, late+9Q to KP4+2100-2230 PY+LU to 4X +5N to PY+2300 ZL to W6,7)
- 21(M flare+0300 FK8 to W6+UA0 to PY+1130 48CT video to W1+1200 DU+VR2 to A9+foF2=11.5MHZ+1345 DU to A9+2045 S9 to KP4+2300 KH6 to LU+PY)
- 22(M flare+0245 FK8 to W6+KH6 to PY+1000 foF2=11.5/MUF=36MHZ over Athens+1545 FY to I8+1630 CE8 to S5+1730 CE8 to EA, str+2200 ZP to I+CE to EA+2230 FK8 to W2+2345 FK8 to TI)

23(0145 JA to ZP+0300 FK8 to W6+ BA+VR2 to PY+1515 DU to A9, str+1600 48CT video to W1+1800 ZS6 on 4m, weak+2000 9Y to 9Q+TR)  
 24(0300 KH6 to PY+FK8 to W6,7+1200 48CT video to W1+48A6 video to DU, v. str+1430 DU+9M6 to A9+1515 DU to A9+1615 OA to CN+IT)  
 25(0315 FK8 to W6+0400 ZL to W6+0430 UN to JA, F2+2315 ZL to W6)  
 26(0100 JA to LU+0230 VK4+FK8 to W6,7+0930 TR to DL+G, early+1430 DU to A9+1715 KP4+9Y to EA, bsc+2045 PY+ZP to CT+EA+2230 LU to EA+2330 FK8 to HP+TI)  
 27(0030 FK8 to W6,7,0+0130 KH6 to PY+2000 PY to CT+2145 9Y to TR+9Q+S9 +2215 PY to CT+2245 ZL to W6, early)  
 28(0100 KH6+JR6 to PY+ZP+0230 BA to PY+0815 JR6+DU to A9, early+0900 JA+BA+VR2 to A9, bsc Ind. Oc+1200 DU to A9+1230 VK4 to A9+1245 YB+9M6+VK4+JA to A9+1415 DU to A9+2130 9Y to TR+9Q)  
 29(0030 ZL to W6+0100 ZL to PY+0130 JR6 to PY+0900 9Q to EA, early+1000 VK6 to A9+1730 KP4 to D4)  
 30(0130 JR6 to PY+1800 CE8 to EA+ZS6 to I8+ 3B8 to 4X+I8+2100 LU to SV3+2300 PY to CT3)  
 31(0000 A3 to HP+0045 JA to LU+0130 JA to CX+KH6 to PY+0200-0300 JR6 to PY+1800 J8 to EA, bsc+ D4+9Q to EA+2000 PJ7+KP4 to TR+2100 PY to CT+EA +2330 KH6 to LU)

TEP now dominant to AF

Flares of M class and above reported only

Solar activity peaked up again, max values: SSN up 207, SFI up 168,

Xray background up B9.9, Xray flares up M3.9

- 32. DXCC entities heard/worked during Oct 2011: 26 on 4 cont.
- 33. DXCC entities heard/worked during 10<sup>th</sup> Oct 2011: 8 on 1 cont.