

# 50MHz PROPAGATION REPORT FOR APRIL 2011 BY SV1DH

1. Data for 24 days, INET data 21-26<sup>th</sup>.
2. Relatively good days on: 3,4,8(+),10,15(Es+TEP),17,30(Es+TEP)
3. 48 MHz AF video (5Z+TJ+2UNID) on: 1,3-10,13-20,27-29 (R>70%)
4. 55 MHz AF video (5N) on: NIL
5. Opening to 3B8 on: 2(12-13Z),3,4(09-11Z),6,8
6. " FR on: 4,10,15
7. " 5H on: 8
8. " Z2 on: 2,4-8,10,11,13-15,26,28 (R=43%)
9. " ZS6 on: 2-8,10,11,13-15,19,20,24,26 (R=53%)
10. " 9J on: 8,10,11,14,24,26-28
11. " V5 on: 8,10,25,28
12. " 9Q on: 4,5,7,11,13,14,17-21,26-29 (R=50%)
13. " 5V on: 21,26
14. " TR on: 5,16,17,19,27 (R=17%)
15. " TZ on: 2,5,15
16. " TJ on: 2,4,6-8,11
17. " EL on: 1,5,6
18. " 9L on: 15
19. " C5 on: 15
20. " D4 on: 23
21. " ZD8 on: 5,7,13-16,28 (R=23%)
22. " VP8 on: 11
23. " SV on: 6,11 (bsc AF)
24. " LZ on: 8 (bsc AF)
25. " I on: 2,3,5,6,7,11,14,15(E+bsc AF),30
26. " IS on: 15(E)
27. " EA on: 6 (bsc AF),15,30 (E)
28. " CT on: 6 (bsc AF)
29. " CT3 on: 6 (bsc AF)
30. " 9A on: 11 (bsc AF),15(E)
31. " OE on: 14,15 (E)
32. " DL on: 13,15,30 (E)
33. " F on: 15(E)
34. " HA on: 15(E)
35. " YO on: 15(E)
36. " OM on: 15(E)
37. " SM on: 15(E)

38. Special events on:

- 1(2C flares+0730 KH6 to F+EA, LP on 10m, F2+1230 3B8 to 4X +1815 FG to CT, bsc+2130 EL to PY)
- 2(NO flares+1000 3B8 to IS, early+1215 3B8 to S5+1330 ZS6 to G+ON+OZ, first CY24 +1830 FM+FG to EA+CT, bsc+1900 9Y to CT, bsc+1945 E5 to CE+2015 E5 to PY)
- 3(1C flare+0830 **DU7 to ZS6, heard+1130** 3B8 to SV+I+9H+IS +1330 DU7 to A4, F2+TEP+1530 **CE8/B (FD46!) to SV3+I+9H+IS+1600** FY to EA8+FM to D4+1645 **Z2 to PY +CE8 to EA+1815 EL to CE!+ 1945** E5 to CE+2015 E5 to PY+2115 PY to CT+2330 **KH6 to PY+0215 ZL to PY!**)
- 4(NO flares+1100 3B8+FR to UR+9A+1415 **DU7 to A9+1800 PY to A9!+2030 CE8 to SV3+E5 to PY+0200 KH6 to PY**)
- 5(NO flares+3D to SV on 10m, F2+0830 **48Mhz EU video to KH6, LP+2015 45Mhz ZL video to W6+2000** FO to PY+2315 KH6 to PY+0000 **FK to PY**)
- 6(3C flares+1430 **VK8 to A9+2200** 45Mhz ZL video to W6)
- 7(3C flares+1830 CE8 to EA+2000 E5 to CE+PY+PY to 4X)
- 8(NO flares+**0900 XV to A4+0930 JR6+BA to A4+A9+1030 9M2 to A9+3B8 to BA+1100 VK8 to A9+1115 VR2+DU to A9+1145 VK8 to 4X+1215 VR2 to A4+1330 KG6 to A9+DU to A7+1400 DU to A4+1615 DU to A4, late+2000** E5 to PY+0015 KH6 to PY)
- 9(1C flare+1615 VP8 to 9H+IT+SV3)
- 10(NO flares+first Es to EU, mornings+1630 PY to IT+VP8 to EA+CT+1730 PY to IS+1800 PY to SV3+1830 **PY to 4X+1915 PY to A7+A9**)
- 11(3C flares+1130 **BA to A6+1530 VP8 to 4X+9H+I +1745** PY to SV9+2030 TR to KP4)
- 12(3C flares+0945 48Mhz A6 video to DU7+1030 **DU7 to A6+VR2+DU+VK8 to A4!+1930 KP4 to CT, F2+2130** 45Mhz ZL video to W6)
- 13(8C flares+0815 **KH2 to A4+0830 DU7 to A4+2000** PY to 9H+IT)
- 14(11C! flares+1545 FR to IS+1930 PY to EA+CT)
- 15(**9C+M1.3 flares+first Es to SV1**, afternoon+1130 **VK8 to A7+A9+1145 DU7 to A9+1530 FR to C.EU, Es+TEP+1600 VP8 to EA+I+HA+1645** 3B8 to OE+1900 **LU to 4X**)
- 16(**11C! flares+1000 JA6+BA to FR+1945** PY to SV3)
- 17( 2C flares+0830 KH6 to EU, LP on 10m, F2+0945 **JA6 to FR+1630** CE8/B to I+EA+1815 9Y+J8 to EA, bsc+2130 PY to EA8)
- 18(4C flares+1615 CE8/B to EA+1830 FY+LU to CT3+1915 **CE8/B to SV3**)
- 19(1C flare+1700 PY to IT+IS+1815 PY+LU+CX to EA+1830 PY to SV3+1900 PY+CE to CT)
- 20(3C flares+0900 **JA3,6+BA to FR+1600** CE8 to I+IS+1645 CE8 to EA+1745 PY to 9H+1800 KP4+J8 to EA, bsc+CE+LU to CT+EA+1830 PY to IS+2015 ZD8 to SV3)

21(4C flares+1600 V5 to SV2,3+1700 9J to SV2)

22(**15C+2M flares, up M1.8 class+1745** EA to SV3, Es+1845 9Q to SV3)

- 1930 PY to EA+2100 ZD8 to EA)
- 23(6C flares+1130 EA to SV3, Es+1600 EA to SV3, Es+1845 9Q+D4 to SV3+2000 ZD8 to SV3+EA8+PY to CT)
- 24(1C flare+1100 UR+SP to SV3, Es+1845 PY to EA+CT+2030 TR+9Q to SV3)
- 25(NO flares+0945 foF2=10/MUF=33MHZ+1545 ZS6 to SV3+1845 PY to CT+1915 LU to CT)
- 26(NO flares+1730 5V to I+EA+CT+9Q to SV3+1830 LU to CT+1915 PY to IS+CT)
- 27(1C flare+1800 **W1 to EA+CT, bsc**+KP4+9Y to CN, bsc+1830 CE to CT+1930 LU to CT+2045 ZD8 to SV3+5V to CT3)
- 28(3C flares+1345 V5 to I+9A+OE+HA+1630 Z2+D4 to SV3+1930 LU+CE to EA)
- 29(3C flares+1545 FG to D4, F2+1815 Z2 to EA+1915 CE to I+EA8+PY to EA+CT+2030 ZD8 to SV3)
- 30(5C flares+1700 Z2 to YU+OE, TEP+Es+1900 9Q to I+EA)

Solar activity slowed down, max values: SSN up 153, SFI up 129, Xray background up B8.4, Xray flares up M1.8

39. DXCC entities heard/worked during April 2011: 32 on 3 cont.
40. DXCC entities heard/worked during April 2011: on cont.