

# 50MHz PROPAGATION REPORT FOR APRIL 2012 BY SV1DH

1. Data for 22 days; 11-17<sup>th</sup> and 28<sup>th</sup> INET data only.
2. Relatively good days on: 3,6,7,23,25,29
3. 48 MHz AF video (5Z+TJ+9Q) on: 1-10, 20-26 (R=77%)
4. 55 MHz AF video (5N) on: NIL
5. Opening to ZS6 on: 1-6,18,21-26,29 (R=86%)
6. " Z2 on: 1-7,9,10,23-26,29 (R=86%)
7. " V5 on: 1,6-8,25
8. " 9J on: 4,6,7,21,23-25,29
9. " J5 on: 6
10. " C5 on: 1
11. " TR on: 3,6,8,9,23,29 (R=27%)
12. " TJ on: 2,3
13. " S9 on: 6,23 (R=9%)
14. " 9Q on: 2,3,6,8-10,21,23-29 (R=86%)
15. " ZD7 on: 21,29
16. " ZD8 on: 6,8,21,23,24,26(str.),29 (R=32%)
17. " J2 on: 2,29
18. " FR on: 1-6,22-26,29,30 (R=59%)
19. " 3B8 on: 2-5,22,25
20. " VP8 on: 3
21. " PY on: 4,7
22. " KP4 on: 7 (bsc AF!)
23. " I on: 1,15,21 (bsc AF), 29,30(E)
24. " EA on: 2,25 (bsc), 29(2E)
25. " 9H on: 23(bsc)
26. " IS on: 5(E),23 (bsc)
27. " CT on: 25(bsc)
28. " SP on: 29,30 (E)
29. " DL on: 29,30 (E)
30. " HA on: 30 (E)
31. " UR on: 6,29 (E)
32. " 4X on: 4 (bsc)
33. Special events on:
  - 1(0000 FK8 to W4+TI+1000 BA to FR+
  - 1045 SP to SV3, E+1300 DU to A4+1530 3B8 to 5B+I8+1645 ZD8 to
  - IS+1745 FR to F+1800-2000 Es over S.W.EU+2045 PY to CT+2245 FK8

- to TI)
- 2(0915 VK8 to A6+1000 BA to FR+foF2=11.5/MUF=37MHZ Athens+1200 3B8 to HA+EA +1330 FR to CT+1800 9Y to EA, sc+2115 ZD8 to CT+9A+2145 FK8 to TI)
  - 3(1230 TR to DL+1400 DU to A9+1530 VP8 to 9H+IT+EA +CX to A9 +1700-1900 PY to A6+A9 +1800-1900 LU to 4X+2000 FK8 to TI+KP4 to CT+EA, sc+2330 E5+FK8 to W5)
  - 4(0845 JA6+BA to FR+1030 BA to FR again+1200 FR to EA+1715 PY to IT +CX+LU to EA+1830 9Y+FG to CT+EA, sc+2030 45 ZL video to EA, LP!+E5 to PY+2230 FK8 to W5+2315 VK9N+FK8 to W6,7)
  - 5(0830-0900 48A6 video S7, F2, first of cycle+0915-1045 JA6+BA to FR+3B8 +DU to FR+1200 BA to FR, again+1630 ZD8 to CT v.str.+1915 PY to EA+2100 VK9N to TI+HP)
  - 6(0730 JA6 to 3B8+ 0830 DU to 3B8 +BA to A4+0915-1100 BA to FR+1145 BA to A9+1245 VK6 to A6+1800 D4 to CT+EA +2015 PY+LU to CT+EA +2045 PY to 9H+2100 VK9N to TI+YS +2145 VK9N to W6,7)
  - 7(0815-0930 JA+BA+HL to 3B8 +1015 BA to FR+1700 PY+KP4 to I8+2015 VK9N to TI+2330 FK8 to W5)
  - 8(0000 VK4 to W5+0100-0300 FK8 to W5,6,7+1030 BA to FR+1300 DU to A4+FR +1400 DU to A4, again+1715 LU+CX to CT+EA+1800 PY to A6+1930-2045 LU to 4X+2000 DU to TI+ 2130 FK8 to TI)
  - 9(0745 JA6 to 3B8+0815 DU+BA to 3B8+0900-1145! BA to FR+0930 BA+JA6 to A7+1430 DU to A7+1515 YB to A6+1730 PY+LU to CT+EA)
  - 10(0815 JA6 to 3B8+1000 DU to A4+1815 PY to CT+1945 LU to CT+2330 VK2 to LU+TI)
  - 11(0015 E5 to YN+1730 J2 to SV3)
  - 12(1245 VK8 to A4+1500 ZS6+Z2+J2 to SV3+1845 9Y+V4+FG to CT+EA, sc)
  - 13(0930+1100 VK8 to A9+1700 FR to SV3+2100 ZD8 to EA)
  - 14(1630 Z2 to SV3)
  - 15(1845 FM to EA, sc)
  - 16(M1.7 flare+0715 JA6 to A4+0830 JA6 to FR+3B8 +0900 BA to A4+0945 BA to FR)
  - 17(0800 JA6 to FR+3B8+0915 JA6 to FR, again+BA to A4+1730 Z2 to SV3+2215 FK8 to TI)
  - 18(0745 JA6 to FR+0815 JA6+BA to 3B8+0945 JA6+BA to FR, again+1145 VK8 to A4+1430 3B8 to I8+1800 CX+LU to CT+EA)
  - 19(1030 JA6+BA to FR+1230 DU to A4+1645 CE8 to CT+EA+1715 LU+KP4 to CT+EA+2030 ZD8 top I8)
  - 20(0015 FK8 to W6+0815 JA6 to FR+3B8+1015foF2=10.3/MUF=31MHZ+ 1545 CE8 to SV3+I8+EA+1730 CE8 to CT+2000 9Q to SV3)
  - 21(0045 FK8 to W6+0930 DU+KH2 to A4+1000 DU to A4+BA to A6+1645 9M2 to A4+A6, very late!+1800 CX+LU to EA+2015 CX+LU to IT+2100 LU to 9H+IT+2330 VK8 to TI)

- 22(0015 FK8 to W6+0800 JA6+BA to FR+0830 JA4 to 3B8+1015 DL to SV5,  
2Es+1745 ZS6 to I8+SV3 on 4m, weak+1900 3B8 to SV3)
- 23(0900 VK6 to YA+0945 BA to FR+1015 48A6 video to JA3, sc+DU str,  
direct+1900 LU to CT+2300 FK8 to W6+KH6 to TI)
- 24(0015 FK8 to W6+1500 FR to EA+2015 ZP to TR+2245 ZL to W4)
- 25(0030-0145 ZL to W0,4+XE +1045 foF2=11.5/MUF=35MHZ Athens+1115  
48A6 video to JA3, sc+3B8 to DL+JA6!+1130 3B8 to EA+1400 ZS6 to  
N.EU, TEP+Es?+1830 CX to EA+PY to IT+1945 PY to A6, late+2230 FK8  
to W0,7,4+ZL to OA+YS +2330 FK8 to W5+ZL to W6)
- 26(0030 E5+FK8 to W6,7+1000 48A6 video to JA2, sc+1430-1515 YB to  
A6+A9 +1930 ZD8 very strong+2300 KH6 to TI+E5 to W6,7+2330 ZL3 to  
W6,7)
- 27(M1.0 flare+0000 FK8 to W5,6+ZL3 to W4+0200 FK8 to W7+0745 VK8 to  
A9+0815 48A6 video to DU+1215 48A6 to JA6, sc+1345 G to SV2,  
E+1730 LU to CT+Z2 to IS+1845 9Q+Z2+PY to SV3+2330 FK8 to  
W6,7+KH6 to W5+XE)
- 28(0030 KH6 to W5+YS)
- 29(0000 E5 to XE+1500 FR to I+G, TEP+Es +first wide Es over EU +1545  
GW to SV5, 2E+1715 TR to UR+TJ to CU+1830 9Y to J2!+1845 PY to  
EA8+2000 PY to EA)
- 30(0130 E5+KH6 to W6+1115 S5+OM+OK to SV5, on 4m, first of  
season+1145 OK+OM on 4m+1530 3B8+FR to N.EU, TEP+Es+1700 A7  
to DL, 2E +ZS6+3B8 to SV2)

TEP holding, but no F2 propagation.

First wide Es over EU on 29<sup>th</sup>.

Flares of M class and above reported only.

Solar activity still low, max values: SSN up 169, SFI up 149,

Xray background up B6.4, Xray flares up M1.7 only!!

34. DXCC entities heard/worked during Apr 2012: 28 on 5 cont.
35. DXCC entities heard/worked during 29th Apr 2012: 12 on 2 cont.