

# 50MHz PROPAGATION REPORT FOR MAY 2013 BY SV1DH

1. Data for 31 days; 1-7<sup>th</sup> & 29-31<sup>st</sup> INET data only.
2. Relatively good days on: 19,20(+),21,23(+),24(+)
3. 48 MHz AF video (5Z+TJ+UNID) on: 8,9,10,12,14,15,20,27 (R=38%)
4. 55 MHz AF video (5N) on: NIL
5. Opening to ZS6 on: 2,3,9,15,20 (R=16%)
6. " 3DA on: 3,20
7. " Z2 on: 3,9,20 (R=10%)
8. " 7Q on: 3,20
9. " D2 on: 7,13,14,16,18,19,20,21,24,27
10. " TJ on: 12,20
11. " 9Q on: 10 (R=3%)
12. " ZD7 on: 9,10,12,13,17,19-24,26-29 (R=48!%)
13. " ZD8 on: 9,10,19,22,24 (R=16%)
14. " J2 on: 9
15. " TR on: 12
16. " 9J on: 30
17. " CT3 on: 21,23(E)
18. " FR on: 3,13,20 (R=10%)
19. " 3B8 on: 3,9,15,20,23
20. " EA8 on: 25(E)
21. " 3V on: 5(E)
22. " PY on: 20,27
23. " PJ4 on: 23
24. " FG on: 23
25. " FM on: 23
26. " A4 on: 17,18,20,28
27. " A9 on: 17
28. " DU1 on: 20(1000) (TEP+Es?)
29. " VK8 on: 19(1115),20(1000-1130!),24(0945-1030) (TEP+Es)
30. " CU on: 21
31. " CT on: 21,23,24
32. " EA on: 23,24
33. " OH on: 19
34. " LA on: 13
35. " OY on: 13
36. " TF on: 19(3E)

37. Special events on:

- 1(**13C** flares!+JR6 to A4 +48A6 to JR6,sc+1200 VK8 to A9+1315 VK8 to A4+1700 C5+ZS6 to SV3)
- 2(6C+M1.1 flares+0900 BA+DU to A4+0945 VK8 to VU2+ **VK6 to A9!**+1015 9M6+JA6+VK8 to A9+1100 JA6+VK8+**KG6 to A4**+1430 ZS6+3DA+3B8 to SV3+1445 3B8 to G, TEP+Es+1600 FR to SV3)
- 3(5C+M1.3+M5.7 flares+0900 JA6 to A9+1100 VK8 to A9+1400 3B8+3DA to SV3 +**1445 3B8 to SM**+1500 FR to SV3+1945 9Q to SV3)
- 4(11C flares+foF2>10 1015-1415 +0800 JR6+BA to 3B8+1030 48A6 to JR6, sc+1245 VK8 to A4)
- 5(**16C**+M1.4 flares+0930-1030 VK8 to A4+1230 48A6 to JR6 ,sc+1600 3B8 to UR+F+DL+1715 3B8 to PA)
- 6(6C flares+1130 DU to A4)
- 7(4C flares+foF2>10 0900-1415 +0900 JR6+DU to A4+1030 BA to 3B8+1100 48A6 to JR6,sc+1230 JR6 to A4+1630 3B8 to 4X+DL +1830 7Q to I+HB +9Q to I +1915 9Q to DL+1930 9Q+ZD7+ZD8 to SV3+2000 D2 to I+YU+ 2200 D2 to DL+G+LA!)
- 8(4C flares+foF2>10 0615-1745, max 11.5 at 1330+**1000 JR6 to 3B8**+1215 VK8 to A4+1530 Z2 to I+1645 Z2+3B8 to SV3+1915 PY to SV3+I+EA+G +2015 ZD8+9A to EA)
- 9(7C flares+foF2>10 0915-1815!, max 11.4 at 1230+1045 VK8 to VU2+ 1145 48A6 to DU+1215 ZS6 to I+9A +1400 3B8 to I+SV2+ ZS6 to I+LZ + Z2 to I +1530 Z2+ZS6 to SV7+1830 CE to CU+CT3 +1900 LU to EA+CT + PY to I+EA +**1915 CE+ZP to 4X** +2000 CE to I+2115 ZD8 to W1,9 +2230 9Q+ZD8 to I)
- 10(8C+2M flares+foF2>10 0530-0630+1100-1430, max 11.4 at 1300+**1000 BA+KG6 to VU**+1245 48A6 to DU+1415 48A6 to JR6, sc+1900 9Q to I+EA +1945 D2 to I+EA+G +2000 ST to EA +ZD8 to S5+ 2045 ZD8 to W3+2230 CE to W1+LU to VE)
- 11(7C flares+foF2>10 0800-1130+1530 SV54 to I+IS on 4m+TJ to OE+SM +1615 SV54 to OK)
- 12(**13C**+2M flares+foF2>10 0445-0545+1000-1315 +1115 48A6 to DU+1530 TJ to F+1600 48 5Z to DU+**1900 ZD7 to SM+LA!**+1915 ZD8 to I+ 9Q to EA+D2 to LA!+2030 ZD7 to PA+DL +ZD8 to F)
- 13(10C+1M+**2X!!** flares +foF2>10 0930-1545 +0915 SV14 to SP+OM on 4m+0945 48A6 to DU+1015 48A6 to JR6,sc+1530 ZS6 to SM!+1630 I on 4m+1845 ZD7 to I+DL+G+SM+ **2000-2130 SA to C.EU, TEP+Es**+2130 ZD7+ZD8 to EA)
- 14(3C+**X3.2!** flares+foF2>10 1030-1630,max 11.6 at 1345+1045 OK+SP+OZ on 4m+1330 48A6 to DU+1630 PY to CT+1845 ZD8 to DL +ZD7 to G+ 1915-2030 D2+LU+PY to C.+N. EU+2100 ZD8 to I+DL)
- 15(4C+**X1.2** flares+foF2>10 1215-1315+0745 48A6 to VK8+0845 48A6 to DU1+1445 SV54 to SP+1545 SV54 to F+ ZS6 to OH+ **W1 to YO, first of season**+1615 3B8 to DL+SP+OZ+G +1745 TJ to SM+1915 ZD7 to I+ C5

- to EA+1945 PY to EA+2015 SV54 to 9A)
- 16(4C+M flares+foF2>10 1145-1215+**1200 VE to GM**+1445 3B8 to UR+PA+OZ+ 1700 SV54 to I+1900 LU+PY to EA+F+I+HB+9A+S5 +2000 CE to 5B+I)
  - 17(C+M flares+1530 3B8 to OE+YU+9A+HA +9J to I +1600 ZS6+3B8 to SV3 +1700 SV54 to SP+OK +1730 A9 to SV2 on 4m+1830 SV14 to HA+SP +2045 D2 to SM)
  - 18(5C flares+foF2>10 0900-1345 +0700 A4+A9 to 4X+I+PA+GM +**0745 A9 to PA on 4m, 3E**+0815 PA on 4m+1145 48A6 to VK8+DU1+1515 A4+3B8 to DL+PA+OZ+LY +1630 9J to 9H +1730 V5 to I+GM +1800 A9 to OK on 4m, 2E+ ZS6 to DL +7Q to OZ +W0 to PA, weak)
  - 19(9C flares+foF2>10 1115-1330+**0930 DU1 to 4X**+SV54 to SP +**1030 DU1 to LZ+Z3+S5** + 48A6 to VK8 +DU1 +1715 7Q to IT+G +V5 to IS +1815 ZD7 to I +ZD8 to DL)
  - 20(7C+M flares+0700 48A6 to DU1, early+0945 VK8 to VU2 +**1000 VK8 to SV1+I+EA+OZ!** + **1200 DU1 to 4X+SV2+HA**+ ST to HA +**1315 VK8 to I+PA** +1545 6W to SV2+1830 ZD7 to I+EA+HA +1930 PY to CT+EA+F+DL +2000 SV54 to I+S5+SP +2045 ZD8 to EA+I+9A)
  - 21(6C flares+0715 48A6 to DU+**1130 DU to DL**+VU2+**1400 3B8 to SM, TEP+Es** +KP4 to CT+EA+I+F+G +**1645 ZD7 to 9A+DL +OA to I** +1800 KP4 to SM+1900 PY to F+DL+OK +ZP to 4X+I +1945 LU to I +ZP to 9A+S5+HA +2000 FM to F +KP4 to I+F +2045 8P+9Y+FM to G +2130 FG +KP4 to F+2200 J6 to GM+2330 KP4 to CT)
  - 22(4C+M flares+0715 48A6 to DU+ 0830 DU+JR6 to VU2+**1015 VK8 to LZ** +1545 3B8 to SM+LA +FR to SM +2130 PJ4+FG to EA8 +2245 VY to OX)
  - 23(6C flares+**0945 VK8 to A9**+1600 SV14+SV54 to DL+OM +1615 3B8 to G+SM+LA +1630 SV14 to SP+HA +1700 SV14 to 9A+SP+OK+S5+GW 3E +1715 Z2 to G +TJ to UR+1730 I+PA+F+S5 on 4m+1845 LU to I+HA +1930 D2 to I+HA+SP+PA +2000 FM to IS+YU+SV3 +9Y to CT+F+YU +2130 KP4 to SV3+I+EA+**2145 ZL on 10m, S9 LP**)
  - 24(3C flares+foF2>10 0715-0900 +0830 A9 to GM, 3E+**1000 VK8 to EA+1030 VR2 to GM+BA to A4+VK8 to ER +1100 9M6 to ER+VK8 to DL+OM** +2000 ZD7 to 9A+2100 ZL on 10m S9, LP+2115 OX to GM+DL+OZ+SP)
  - 25(4C flares+1715 D4 to EA+9A +1745 EA8 to SV3+1800 PY to 9A+1945 D2 to I)
  - 26(2C flares+0800 UK+BA to VU2+1115 48A6 to VK8+1930 D4 to EA +1945 VE to OX+ZD8 to F)
  - 27(NO flares+1330 ZS6+Z2 to I+1845 ZD7 to CT+F+YU +1930 ZD7 to EA+I +2000 LU to LZ+SV2 +CX to 9A)
  - 28(NO flares+0715 JR6 to A4+ 0800 A4 to SM+1700 9J to EA+OZ+1830 9Q+ZD7 to I+G +1945 VE to PA+DL +2000 VE+KP4+FM to EA)
  - 29(3C flares+1400 A9 to SV3+1845 9Q+ZD7 to SV3)
  - 30(NO flares+0930 ES on 4m+1630 CU to SV+EA+CT +1815 9J to SV3)

31(2C+M flares)

Two or more hops of Es reported only.

Flares of M class and above reported only.

Solar activity still low, max values: SSN up **212!**, SFI up 159,

Xray background up C1.1, Xray flares up X3.2!! (4 X-flares in total).

38. DXCC entities heard/worked during May 2013: **32 on 6! cont.**

39. DXCC entities heard/worked during 20th May 2013: 15 on 5 cont.

73 Costas