

50MHz PROPAGATION REPORT FOR JULY 2012 BY SV1DH

1. Data for 31 days; 26-31st INET data only.
2. Relatively good days on: 1(+),5,11,13(+),14,18
3. 48 MHz AF video (5Z+TJ+9Q) on: NIL
4. 55 MHz AF video (5N) on: NIL
5. Opening to EA8 on: 1,3,19 (R=9%)
6. " CT3 on: 1,3,4,6,7,11,13,21 (R=26%)
7. " CN on: 1
8. " FJ on: 1(1830-2000)
9. " W on: 5(0945-1100 W1),13(1215-1300 W1,3,5,0+1445 W1),
14(1515 W0 v. str.),20(1145 W1) (R=13%)
10. " A9 on: 1,6,7,22,24
11. " UK on: 1
12. " UN on: 1,12,22
13. " EX on: 1
14. " DU on: 1(1230),5(0700+1000)
15. " JA on: 5(0600 JA8),7(0600 JA1),14(0815 JA8+1000 JA1),
17(0730 JA8),21(0745 JA8) (R=16%)
16. " CU on: 1,11,18 (R=9%)
17. " CT on: 1,4-7,11,13,14,18-21 (R=39%)
18. " EA on: 1,2,4,6,7,10,11,14,17-20 (R=39%)
19. " EI on: 13,22
20. " G on: 17 (2E)
21. " GM on: 1,13,14,17
22. " YL on: 1,14
23. " SM on: 1,13,14,17
24. " OH on: 1,14,17,22
25. " LA on: 11,13,14,17
26. " OY on: 1,13,14,17 (R=13%)
27. " JX on: 14
28. Special events on:
 - 1(7C+M flares+0500 JA to UR+LZ+YO +0730 HL to LZ +JA to 4X+SV2
+0815 JA to LZ still+1030-1130 SP+OZ on 4m+1045-1130 OK+SP+OM
on 2m!+1100 5N+TR to S5! +1345-1500 UA3,6+UR on 2m!+1500-1600
SP+ES+OZ+OK+OM+EA6+I on 4m+1830 OH to SV2 on 4m+2000 FJ to
UR!+2100 YV to CT+EA+G+DL)
 - 2(17C+M flares+0445 JA to S5+DL +0515 JA to HA +0615 JA to SV2+ER
+0715 JA+HL to OE+0800 JA to LZ+1730 KP4 to IT+1930 VE to SM+KP4
to CT+2100 W4+YV to CT)

- 3(16C flares+0845 JA to LZ+1045 W to DL+S5 +1330 W+VE to EA+F+I +2200 W+VE to SV2+I +2330 W0 to CT)
- 4(11C+7M flares+0100 W to LA+OH+SM, still+0730-0800 SV14 to CT+EA+IS 1+2Es+1300 KP4 to S5+G +W to CT +1915 OY to SV3 +KP4 to I+F+G+SM +1945 HI to PA+EI +2115 HI to EA+F + 2145-2315 JA to W6,7 +2230 W to CT)
- 5(12C+10M!! flares+0030 JA to W5,6,7 +0630 JA to YU+4X +0700 DU to LZ+S5 +0800 JA to I+OE +0845 SV14 to SP+S5+9A +0930 W to DL+S5+I +1745 W+VE to IT+9H+9A +1930 9Q to G+OZ)
- 6(11C+6M+**X1.1!!** flares+0930+1330 SV14 to CT+ 1800 KP4 to DL+1915 9Q to S5)
- 7(9C+3M flares+0700 W7 to JX!+0715 JA to OE+0945 SV14 to IS+1200 SV14 to EA+**1630 PY1 to S5+I+LZ**)
- 8(12C+4M flares+1115 W+TF to G+2315 JA to KH6+W5,6,7)
- 9(5C+M flares)
- 10(10C+2M flares+1515 W0 to CT+1600 5N to G)
- 11(5C flares+1200 SV14 to I+1300 W to CT+F +1430 SV14 to S5+1545-1600 HA+S5+I on 2m! +1715 SV14 to I)
- 12(4C+**X1.4!!** flares+0615 JA to 4X+0745-0845 JA to LZ+0915 JA to YU+UR +1630 EX to C.EU+1800 EX to SV3)
- 13(6C flares+0700 SV14 to DL+SP +0800-0900 ON+OK+SP+DL+OH+OZ +YO+9A+F+I on 4m+1015 SV14 to F+1115 W to IT+**1300 W0+XE to 4X** +1430 W to 5B +**W7+VE7 to 4X**+1445-1545 EA+EA6 on 2m!)
- 14(5C+M flares+0300 JX to SP+OZ +0700 I+IS+EA6 on 4m+1030 OZ+DL+S5+9A on 4m+1345 W0 to OH+CT)
- 15(8C flares+0730 AU index 10!+2345 W7 to SM AU)
- 16(5C flares+1000 UK to UR+YU+I)
- 17(2C+M flares+0715 JA to LZ+HA +0900 JA to UR+I +1000 JA+BA to S5+1100 HL to S5 + JA to OE +1200 JA+HL to UR+SP+HA +UK to DL+OZ +2215 OX to OZ+GM +2315 JA to W5)
- 18(3C flares+0300 E5 to ZL+0515 JA to OH+0700 OX to GM +JA to OZ+SP +0815 JX+JW to G+0915 JA to LZ+OZ +1445 W0 to CT+EA +1545 KP4 to CT+1800 FY to SV3+DL +**1830 PY to PA+G! +P4 to I +1900 CE+LU to PA+SP+OE+S5** +1930 OX to EI +9Y to DL+F+ON +2145 XE to CT +2315 W0 to CT +JA to W5)
- 19(4C+M flares+0530 JA to W6,7+0730 JA to OH+0815 JA to SP+OM +1730 SV14 to I +1900 CE to CT+2200-2400 JA to W9,0+2315 W0+XE to CT)
- 20(NO flares+1115 W to OZ+PA+DL +2200 W to OH+LA +2330 BA to W6,7)
- 21(C flare+0500 JA to W6,7+0600 JA to 4X+0645 JA to UR+LZ +0745-0930 JA to N.EU+0930 OX to G)
- 22(NO flares+0800 A9 to 9A on 4m+1915 W to 6W)
- 23(3C flares)
- 24(4C flares+1130 W+VE to CT+GM+1700 A9 to SV3 on 4m)
- 25(NO flares+0745 JA to LZ+I+IS)

26(C flare+0000 BA to W6,7+0115 JA to W6+0830 JA to DL+4X)

27(8C+M flares)

28(3C+M flares)

29(6C+M flares)

30(13C!+M flares)

31(12C flares)

Two or more hop Es openings reported only.

Flares of M class and above reported only.

Solar activity medium, max values: SSN up 165, SFI up 178,

Xray background up **C2.6**, Xray flares up **X1.4**

29. DXCC entities heard/worked during July 2012: 23 on 4 cont.

30. DXCC entities heard/worked during 1st July 2012: 18 on 4 cont.

73 Costas