

50MHz PROPAGATION REPORT FOR FEBRUARY 2014 BY SV1DH

1. Data for all days, (28)
2. Relatively good days on: 3,13,14,18,23,24,25,26,27,28
3. 48 MHz AF video (5Z) on: 3,4,5,10,11,13-21,23-28 (R=67%)
4. 55 MHz AF video (5N) on: NIL
5. Opening to ZS6 on: 3,7,13,14,16-18,21,23-28 (R=50%)
6. " 3DA on: 13,27
7. " V5 on: 16,21,23,25
8. " TJ on: 20,21,23
9. " TR on: 20
10. " ZD7 on: 21,23 (F2),24,27,28 (R=18%)
11. " ZD8 on: 14,18,23-28 (R=29%)
12. " J2 on: 24,25,27
13. " D4 on: 25,26 (F2) (R=7%)
14. " 3B8 on: 14,18
15. " PY on: 23 (first SA 2014)
16. " LU on: 25
17. " KH6 on: 28 (TEP+F2, LP!)
18. " CT on: 21(bsc AF)
19. " I on: 17,20,21,26 (bsc AF) (R=14%)
20. " LZ on: 14 (bsc AF)
21. " 9A on: 20 (bsc AF)
22. " S5 on: 20 (bsc AF)
23. " HA on: 26 (bsc AF)
24. " SV2 on: 14 (bsc AF)
25. " SV5 on: 26 (bsc AF)
26. " 4X on: 23,26 (bsc AF)
27. " A4 on: 27 (bsc AF)
28. Special events on:
 - 1(7C+M1.0+M3.0 flares+0015 LU to CU+2245 PY to EA8)
 - 2(10C+7M!, up M4.4 flares+0015 PY1 to W1, TEP+Es +2145 PY+ZD8 to EA+CT +2245 LU to CT+EA)
 - 3(12C flares+0000 ZP+CE to EA8+1145 ZS6 to DL, TEP+Es?+1600 ZS6 to CT+EA+I+SV2,7 +2145 PY+LU+CX to EA8+ PY to CT +2315 YV to EA8)
 - 4(11C+4M, up M5.2 flares+0100 OA to EA8+1215 ZS6 to I8+2200 LU to CT+EA)
 - 5(10C+M1.3 flares+0045 OA to EA8+0115 FM to EA8+ KH6 to LU +2300)

- LU to CT+EA)
- 6(8C+M1.5 flares+0100 KH6 to LU+0130 49BA vids to LU+foF2>10MHZ 0800-1445, max 12.5MHZ at 0945z+2230 LU to EA)
 - 7(5C+M1.9+M2.0 flares+0015 ZL1 to YS+0200 ZL1 to TI+YS +2230 LU to EA)
 - 8(8C flares+0130 KH6+49BA vids to LU+0145 FK to W4!+0300 FK to W4,5+foF2>10MHZ 0730-1445, max 13.3!!MHZ at 0815z+ 1915 KP4 to CU+CT+1945 PY+FY+P4 to CU +2045 ZD7 to EA+SV2+4X +2115 FM+V4 to EA8+2300 PY to CT)
 - 9(4C+M1.0 flares+200 FK to V3)
 - 10(5C flares+0015 KH9 to PY+0130 KH6 to LU+2030 LU+CE to W5, TEP+Es? +2330 PY+LU to CT)
 - 11(2C+M1.7+M1.8 flares+0230 ZL1 to YS+TI+ foF2>10MHZ 0715-1330, max 12.5MHZ at 1100Z+2130 ZD8+PY to EA+2345 9Y to EA8)
 - 12(5C+3M, up M3.7 flares+0015 ZL1 to W6+0115 ZL1 to VE7+0130 ZL1+FK8 to W5+VK4 to W6+0300 VK4 to W6,7, wide opening+foF2>10MHZ 0845-1400, maz 12.2Mhz at 1000+2030 ZD7,8 to I8+EA+2045 CE to IT+2300 ZL1 to W6,7 +PY to CT)
 - 13(9C+5M, up M1.8 flares+1145 ZS6 to I+EA +1515 ZS5 to I0+2100 CE to CT3+2200 PY to EA)
 - 14(11C+4M, up M2.3 flares+0030 ZL1 to W6+1215 ZS6 to I+S5)
 - 15(6C flares+0115 FK8 to W5+1400 ZS6+D4 to EA+1900 YS to D4, bsc+2145 PY to CT)
 - 16(9C+M1.1 flares+0115 KH6 to LU+foF2>10MHZ 0730-1530! max 13.0 MHZ at 0915+1000 48 5Z vids to G, sc+1145 ZS6 to SV2+YO+EA +1330 V5 to IS+I+SV2,7,9 +LZ +1530 TJ to EA+S5+LZ +2030 LU to CT)
 - 17(7C flares+0145 KH6 to LU+foF2>10MHZ 0630!-1345, max 13.3! at 0915+1115 ZS6 to I +2015 ZD8 to I8+EA+CT +2145 LU+PY to CT)
 - 18(5C flares+0030 PY+OA to EA8+0145 E5 to V3+1415 ZS6 to CT+1630 W6 on 10m+2015 ZD8 to I8+EA+CT +2145 PY to EA+2300 CE to EA8)
 - 19(7C flares+0115 KH6 to LU+foF2>10MHZ 0800-1430, max 12.6MHZ at 1145z+0745 JA6 to A4, first of season+1845-1915 KH6 to W5,6,7,0 F2! wide opening+2000 SV54/B to SV7 tropo+ZL1 to XE+2145 ZL1 to W6+2200ZL1 to TI+2215-2345 ZL3 to W5,6,7,8! F2, wide)
 - 20(1C+M3.0 flares+ 0100-0200 KH6 to PY+LU+CE +KH6 to ZL+FK+VK, wide+foF2>10MHZ 0800-1630!,max 13.0 at 0930z+12.9 at 1500z+1445 SV54, tropo+4X to I0, Es+1600 HK+V4+FM to CT, bsc+1715 PY+LU+CX+FY to CT+1800 LU to EA+I +1845 CE to EA+IS+2030 TJ to SV2+I+4X)
 - 21(3C flares+0100-0200 JA to LU+0115-0230 BV to PY+0230 KH6 to PY+0345 JA to PY+1000 foF2=12.2MHZ+1200 VK8 to A4+1545 FY to CT+I, bsc+1745 PY+LU to CT+EA +2200 CE to IT+2345 KH6 to LU)
 - 22(3C flares+0045 KH9 to PY+0100 BV to PY+LU+ZP +0145-0445! JA to PY+LU+CE, wide+1130 foF2=12.0MHZ+1230 VK8 to A4+2145 CE to

W6+2230 E5 to XE+TI+YS+V3+ZF!)

23(2C+M1.1 flares+0130 FK to W6+1145 foF2=12.6MHZ+1215 VK8 to A4+1315 DU to A4+1345 ZS1 to I+1830 LU+CX to CT+EA +1945 OA to VE2!+ KH6 to HC, early+2015 KH6 to CE+LU +2030 KH6 to HK+A4, LP!!+ 2100 W5 to EA8, sc+ KH6 to EA8 +2130 ZL to ZF+V3 +2200 PJ2

to

EA+ VK3 to ZF!!+2215 V7 to EA8,LP!!+ ZL to W6)

24(5C+2M flares+0215 DU+BA to PY+0845 JA6 to A4+1130 VK8 to A4+1300 KG6+VK8 to A4+1630 W3 to TR+1900 KH6 to A4, LP!, again+2115 CE to CT+2200 E5 to ZF+2315 CE to IT)

25(4C+X4.9 flares!+ 0000KH6 to SA+0030 HL to PY+0115-0230 JA to EA8+ KH9 to PY+ZP +0145 BV to EA8+0915 JA6+DU to A4+1215 KG6 to A4+1300 JR6+DU+VR2+VK8 to A4+1700 LU to CT+I +2030 CE to EA+2230 FY+KP4 to EA8)

26(3C+M1.1 flares+0015 HK+HC to EA8+ KH6 to LU+0045 JA to PY +1245 DU to A4+1445 9M6 to A4+1545 DU to A4, still+**1800 DU to A4, late!!+1930 KH6 to A4, LP!!**+ ZS6 to SV2+I8 on 4m+2200 PY to I+ CX to CT+2300 CE to EA)

27(12C flares+0015-0100 JA to EA8+ KH6 to LU+0445 KH6+KH9 to LU+0500 JR6 to LU+0730 KH6 to LU, late!+ 1145 VK8 to A4+1515 DU+JA6 to A4+2230 PY+LU+FM+J8 to EA8 +CE to EA)

28(6C+M1.1 flares+0130 JA to LU+ DU to PY+1145 VK8 to A4+1215 DU+KG6 to A4+1245 V7+T8 to A4+1545 DU to A4, again+**1730 CE to CT, early+1815 KH6 to LU+CE, early-strong+ ZS6/B 518 ETEP+ 48 5Z vids S1 ATEP+ 1830-1930 KH6 to 9K+A4+4X+SV1+IT+EA8+ZS6, LP!!** +2145 FK8 to EA8)

Solar activity high, max values: SSN up 279!, SFI up 194,
Xray daily background up C2.5!, Xray flares up X4.9!!

29. DXCC entities heard/worked during Feb 2014: 23 on 5 cont.
30. DXCC entities heard/worked during 23rd Feb 2014: 7 on 3 cont.