

50MHz PROPAGATION REPORT
FOR FEBRUARY 2011 BY SV1DH

1. Data for all days (28)
2. Relatively good days on: NIL
3. 48 MHz AF video (5Z+9L+3C) on: NIL
4. 55 MHz AF video (5N) on: NIL
5. Special events on:
 - 5(0100 JA to CX, SP+0830 VK8 to EA3+1130 9M to ZS6 on 10m, F2+1000 foF2=8.2/MUF=28Mhz over Athens)
 - 6(0715 VK8 to UR+1430 VP8O to I on 10m, F2+2145 ZD8 to EA8 on 6m, TEP)
 - 7(2145 ZD8 to EA8+2230 ZD8 to CT+ZD7 to EA8+2300 V5 to EA8 on 6m, TEP)
 - 8(1854 C1.0+2112 C4.0 flares+1000 VK8 to DL on 10m, F2+2100 ZD8 to EA8+CU+CT +2130 ZD7+V5 to EA8+2230 ZD8 to CT on 6m, TEP)
 - 9(0013 C1.1+0131 M1.9 flares+1030 9M+VK8 to I on 10m, F2+1045 foF2=8.3/MUF=31Mhz over Athens)
 - 10(0640 C1.9+0658 C2.0+1234 C4.7+1352 C2.6 flares+1415 W3 to ZS2+1800 9M to A4, late! on 10m, F2+2215 ZD8 to EA7+8 +2300 ZD8 to CT on 6m, TEP)
 - 11(0130 DU to PY, SP+0830 VK6 to G+0915 VK8 to DL+1000 VK8 to GM+VK2 to PA on 10m, F2+2215 ZD8 to EA8+CT3+2330 ZD8 to CT on 6m, TEP)
 - 12(1506 C2.6 flare+0715 KH0 to UR on 10m, F2+2030 ZD8 to EA8+2200 ZD8 to CT on 6m, TEP)
 - 13(4C+1738 **M6.6!** flares+1400 9M to ZS6+Z2+1530 9M to PY, LP+**1630 9M to W6, LP!!**+1830 W0 to ZS1 on 10m, F2+2215 ZD8 to EA8+CT+2330 ZD8 to KP4+FM on 6m, TEP)
 - 14(11C+1726 **M2.2** flares+0030 VK4 to W4+0800 9M to IT+1015 KH6 to F, LP!+**1030 KH6 to SV+I, LP!**+1530 9M to ZS6+9M to CX, LP on 10m, F2+2130 ZD8 to EA7,8+CU+2200 ZD8 to CT+2215 **PY5 to EA8+CT**+2230 ZD8 to KP4 on 6m, TEP)
 - 15(7C+0156 **X2.2!!** flare, **first cycle 24**+0145 JA to LU+0700 T3 to UA+0800 ZL to HA+UR+0815 9M to SV+I +JA to 4X+0845 HS+YB+9M to SV+1130 9M to PY, LP early, on 10m, F2+2200 ZD8 to CU+EA8+2215 ZD8 to CT on 6m, TEP)
 - 16(**12C+3M** up 1425 **M1.6** flares+0815 KH6 to I+S5, LP+0945 9M to ZS6+Z2+1015 foF2=8.8/MUF=31MHZ, Athens+1045 9M to 4X+1445 9M to PY, LP on 10m, F2+2045 ZD8 to CT+CU on 6m, TEP)
 - 17(12C flares+1030 9M+VK8 to 4X+I +2100 ZD8 to EA8+CU +2200 ZD8 to CT+2245 ZD8 to KP4+FM+ZB on 6m, TEP)

- 18(**15C+5M**, up 1011 **M6.6** flare+0615 VK2 to UA+0800 ZL to OH+VK4 to UR+0815 VK3 to 9A+ZL to F+0830 ZL+VK4 to I+9M+BY to F+0845 ZL to I+G +0945 VK4+9M+I bsc to SV on 10m, F2 +1030
f0F2=9.6!/MUF=32MHZ Athens+2045 ZD8 to CT+2200 PY to EA8+2315 ZD8 to EA7+PY to CT3+2345 ZD8 to CT, still+PY to CT on 6m, TEP)
- 19(12C flares, up 0804 C8.5+0730 BY+VK8 to EA3+0900 VK8 to I+DL+0915
f0F2=9.2/MUF=31MHZ Athens+1145 9M to F+1530 9M to Z2 on 10m, F2+2030 ZD8+ZD7 to CT+CU+2130 ZD8+ZD7 to EA8+2215 ZD8 to ZB+PY+2315 ZD8 to CU still on 6m, TEP)
- 20(3C class, up 0357 C1.7 flares+0400 9M to KP4, SP+0830 VK5,6,8 to EA3+DL+UR+0900 9M to F+I+VK6 to IT+1000 9M to I+1030 VK6 to F+1245 +1430 ZD8 to CT on 6m, F2+1300 9M to 4X+1400 9M to ZD7 SP+PY+LU+HC LP on 10m, F2+2100 ZD7+ZD8 to CT+EA8 +2230 PY to EA8+CT +2300 ZD7 to EA8 still on 6m, TEP+2315 ZL to W4 on 10m, F2)
- 21(10C class, up 1012 C7.8 flare+0830 VK8 to I+0900 9M to ZS6+Z2+1015 VK6 to G+1045 VK8 to DL+I +1415 9M to ZS6+CX, LP on 10m, F2+2015 ZD7 to EA8+2045 ZD7 to EA7+2245 ZD7 to CT+LU+CP to EA8 on 6m, TEP)
- 22(0000 JA to LU+CE+0445 VK4 to PY+0830 9M to EA+I+OK+0915 9M to ZS6+LZ+1045 **f0F2=9.6!**/MUF=35MHZ over Athens+1130 9M to 4X+5Z on 10, F2+2130 ZD8+ZD7 to EA8 on 6m, TEP)
- 23(1223 C1.2 flare+0930 9M to ZS6+Z2+1100 VK6 to DL on 10m, F2+1230 **f0F2=8.7**/MUF=31MHZ over Athens+2215 ZD8 to EA8 on 6m, TEP+2330 JA to PY on 10m, F2)
- 24(2C+0735 **M3.5 flares+huge CME**+0915 VK6 to F+UR+1515 9M to Z2+1715 W0 to ZS1 on 10m, F2+2100 ZD8+ZD7 to CT+EA8+2215 ZD8 to KP4+2300 ZD8 to EA7, still on 6m, TEP)
- 25(3C flares+1000 ZL to A4+1100 VK8 to EA3+1500 W+PZ to EA+F on 10m, F2+2100 ZD8+ZD7 to EA8+2145 ZD8 to CT+2215 ZD8+ZD7 to EA8 still, on 6m, TEP)
- 26(0813 C1.3 flare+0815 ZL to UA+HA+GM+0845 VK6 to PA+0915 VK3 to EA3+1000 VK8 to EA3+ 1015 YB+JA to Z2+VK6 to IT+5B on 6m, F2+2115 ZD8+ZD7 to CT+2200 ZD8+ZD7 to EA8 on 6m, TEP+2300 VK4 to W4 on 10m, F2)
- 27(0355 C4.2 flare+0715 VK9C to SV+LZ+HA+0815 JA to ZS6+9M to Z2+1100 VK6+8 to DL+I+UR+1130 VK6 to SV on 10m, F2+2030 ZD7 to EA7+2100 ZD8 to CT+CU on 6m, TEP)
- 28(9C+1252 **M1.1** flares+0700 BY to LY+0800 ZL to 4X+0830 ZL to OE+UR+VK9C to SV+DL +1015 9M to ZS6+Z2+1545 9M to ZS6+Z2 late on 10m, F2+2015 ZD7 to EA7+CT+2045 ZD8 to EA7+2100 ZD8 to

CT+2115 ZD8+ZD7 to EA8 on 6m, TEP)
Solar activity max values: SSN up 103, SFI up 125, Xray background
up B8.1, flares up X2.2! class.
Another 6m poor month, although 10m propagation improved considerably
worldwide!
6. DXCC entities heard/worked during February 2011: NIL

73 Costas