

50MHz PROPAGATION REPORT FOR MARCH 2011 BY SV1DH

1. Data for all days, (31)
2. Relatively good days on: 7,14,15,16,21,29,31
3. 48 MHz AF video (3C+5Z+TJ) on: 5-10,13-17,21-31(mostly E-TEP)(R=71%)
4. 55 MHz AF video (5N) on: NIL
5. Opening to FR on: 14 (R=3%)
6. " Z2 on: 9,11,12,14-16,21,23,24,28-31 (R=42%)
7. " ZS6 on: 7,9,10-12,14-17,21,28-31 (R=45%)
8. " V5 on: 22,23,26,27 (R=13%)
9. " 9Q on: 5,7,13,16,23,27,29,31 (R=26%)
10. " 5N on: 7,8
11. " TR on: 14,21,23,30,31 (R=16%)
12. " TZ on: 16
13. " S9 on: 7,31 (R=3%)
14. " D2 on: 21,23,29
15. " D4 on: 14
16. " ZD7 on: 5-17,21,22,28 (R=52%)
17. " ZD8 on: 7-12,14,15,23,29,30 (R=35%)
18. " LU on: 14(SAm first CY24) (R=3%)
19. " I on: 14(bsc AF)
20. Special events on:
 - 1(7C flares+0615 FK to I on 10m, F2+ 2200 ZD8 to CT+2215 ZD7 to EA8 on 6m, TEP)
 - 2(1C flare+0930 9M to 4X+1030 VK9C to SV+1715 9M to PY, LP late! on 10m, F2+1915 ZD7+ZD8+PY to CT+2030 ZD7 to EA+EA8 on 6m, TEP)
 - 3(6C flares+0945 9M to IT+TJ+1045 9M to 4X on 10m, F2+2030 ZD7+ZD8 to EA+CT on 6m, TEP)
 - 4(2C flares+0730 VK2,6 to 4X+0815 VK6 to IT+1045 VK3 to I on 10m, F2+1400 TR to I+EA6 +1900 ZD7 to EA6+2100 ZD7+ZD8 to SV3+I +2130 ZD8 to CT on 6m, TEP)
 - 5(15C flares+0800 9M to I+0930 VK6 to CT on 10m, F2+1300 TR to I on 6m, A-TEP+1700 9M to PY LP late on 10m, F2+1730 ZD7 to SV3+1945 ZD7 to EA6+48 AF vids weak+2030 ZD8 to EA+EA8+CU +2145 ZD7+TR+S9+PY+LU to EA8 on 6m, TEP)
 - 6(23C flares!+0730 VK to 5B+SV+EA +0815 JA+BY to SV+1000 9M to SV+1400 W1 to SV, first CY24, on 10m, F2+1415 TR to I+EA+CT +1615 ZD7 to EA+I +1745 Z2 to IS+EA6+CT +1800 Z2+ZS6 to SV3+1945 9Q+TR+Z2 to IT+EA8 +ZD8 to I+EA+CU +2030 LU+CE to CT+EA8+2115 LU+PY to CT+EA +ZD8 to SV3 on 6m, TEP)

- 7(6C+7M flares, up M3.7+0900 VK6 to SV on 10m,
F2+foF2=9.1/MUF=30MHZ over Athens+1730 9Y to EA8 +ZD7 to SV3+I
+1800 Z2 to A9 +9Q to SV3+A9 +2030 LU to EA+CT +2215-0015 PY to
CT+EA8 +0000 ZD7+ZD8+LU to CT, still on 6m, TEP)
- 8(5C+5M flares,up M5.3+0615 ZL to UR+0700 JA to UR+BY to 4X+1030
foF2=9.1/MUF=29MHZ over Athens+1330 ZL to SV1 SP late on 10m,
F2+1345 S9 to I+1745 Z2 to A9+2000 PY+LU to EA+CT+2130 ZD7+9Q to
SV3+2230 PY to CT+EA8 on 6m, TEP)
- 9(9C+2M+1X flares, up X1.5!! @2323Z+0700 ZL to F+0815ZS8M to SV1 on
10m, F2+1045 foF2=9.9/MUF=32MHZ over Athens+1400 Z2 to DL,
TEP+Es +1430 ZS6 to EA+1500 EA to SV3, Es+1845 ZS6 to I+ZD7 to
EA+CT on 6m, TEP)
- 10(7C+1M flares, up M1.1+0615 VK4+H4 to IT, on 10m, F2+1145-1245
foF2=11 /MUF=35MHZ over Athens+ 1330 V5+ZS6 to IT+1700 Z2+ZS6 to
I+1800 PY+FY to EA8+1915 V5 to EA8+ZD7 to I+CT +1945 48EU vids to
KP4+2100 ZD8 to CT+EA+IT +2145 LU+PY to CT+EA8+ZD7 to KP4 on
6m, TEP)
- 11(12C flares+1630 PY to EA8+1715 ZS6 to I+Z2 to EA+1800 Z2 to
A9+1830
ZD7 to CT+TR to A9+1915 FR to A9+2000 PY to EA+CT+2030 ZD7+ZD8
to I+2200 PY to CT+2315 PY+LU to CT+0045 PY+ZD8 to CT, still, on 6m,
TEP)
- 12(9C+1M flares, up M1.3+0700 KH2 to UA on 10m, F2+1315 Z2 to I+ZS6 to
EA+EA8 +1500 TR to I+1545 ZS6 to I+1630 V5 to CT +ZS6+Z2 to
EA+F+CU +1915 PY+LU to EA+ZB +2015 ZD8+PY to EA+2130 S9 to
EA8+2200 ZD7 to KP4 +E5! to PY +2230 PY to CT on 6m, TEP)
- 13(3C flares+0700 JA to TR+BY to ZS6+1000 9M to LZ+I+SV +ZL to F +KH6
to I, LP! on 10m, F2 +1315 Z2+ZS6 to I+1400 Z2 to EA+CT +1515 ZD7 to
EA+CT +1730 Z2 to CT+1830 PY to CT+Z2 to SV3+1900 FY+9Y to D4
+PY to IH9+IS+9Q to SV3 +ZD7 to 4X+KP4 +1930 CE to CT+2115 E5! To
PY +ZD7 to KP4 again+2345 CE+LU+PY to CT still, on 6m, TEP)
- 14(5C+1M flares, up M1.0+ 0100 VK2 to W3,4 on 10m, F2+1230 Z2 to
IT+ZS6 to 5B+1300 FR to IT+1530 48AF vids A-TEP strong+1600 TR to
S5+1715 ZD7 to A9+1745 FY to EA8+1830 Z2+ZS6 to IS+EA +Z2 to
SV3+2000 ZD8 to IS+EA+PY to 9H+IS+EA+ 6W to IS+ 2100 CE+6W to
CT+LU to IS+9H on 6m, TEP)
- 15(6C+1M flares, up M1.0+1230 foF2=8.6/MUF=32MHZ over Athens+1330
Z2+ZS6 to IS+IT +1345 Z2 to SV3+1415 ZS6 to 5B+SV+1530 FY to
EA8+1900 ZD7 to CT+CU +2000 ZD8 to I+2015 PY to EA+ZD7 to
KP4 +V4 to D4+2115 PY to EA8+2130 TR to KP4+TZ to IT+PY to EA8 on
6m, TEP)

16(3C flares+0630 KH6 to SV, LP strong, on 10m F2+1115
foF2=9.6/MUF=33MHZ Athens+1130 48MHZ 5Z vids A-TEP+1315 ZS6
to IS+1330 FR to SV5+I+IS +ZS6 to I+1345 Z2+ZS6 to EA6+1430 ZS6

to

- LZ+1530 FY to EA8, F2+1645 Z2+ZS6 to SV2+1715 Z2 to EA+CT +1930
ZD7 to EA+CT+KP4 +2000 9Q to EA+CU +ZD7 to 4X+2015 PY to
EA+CT+2030 ZD8 to 9H+CT +2100 ZD7+TZ to CU+2145 ZD8 to
SV3+2230 PY to CU+D4+ 2345 9Y to D4, on 6m, TEP)
- 17(No flares+0530 VK2 to PY, LP? +0700 KH6 to SV+I+HA, LP on 10m,
F2+1200 FR to I+1230 ZS6 to 5B+1430 FY to EA8, F2? +1715 Z2 to
DL+EA6+1845 9Q to SV3+1930 PY to EA6+TZ to EA8+2000 PY to
EA+CT+2015 ZD8 to SV3+IS+2045 ZD8 to 4X+PY to CT+2130 TZ to
SV3+2315 ZD7+ZD8 to CT+CU, on 6m, TEP)
- 18(No flares+0400 PY to S2, LP?+0700 ZL to SV1+LZ+0900 ZL to
SV+I+OE+EA+1600 9M to PY, LP on 10m, F2+1715 ZD7 to 9H+Z2 to
EA+1815 ZD7 to I+1930 ZD7 to SV3+I+EA+2000 ZD8 to I+TR to
EA8+2030 TZ to EA8+2130 ZD7+ZD8 to CU+EA+I +D4 to EA+2200
ZD7+ZD8 to CT+2300 ZD7 to KP4, on 6m, TEP)
- 19(No flares+0745 ZL to YO+KH6 to OE, LP+0830 ZL+KH6 to
IT+9A+OK+EA, on 10m, F2+1515 ZD7 to SV3+ZS6 to I+2130 PY to
EA8+CT+2200 ZD9! to EA8+2230 ZD9+S9+PY to EA8, on 6m, TEP)
- 20(No flares+0730 VK6 to UR+VK3 to EA+0815 VK6 to I+9A+0915 9M to
LZ+YU on 10m, F2+1630 TR to EA+ZD7 to SV3+I +1715 Z2+TR to
EA6+1745 Z2 to SV3+1830 Z2 to IS+1915 Z2+ZD7 to SV3+1945 ZD7 to
EA+2000 ZD7 to EA8+PY to CT+2130 ZD8 to CU+2200 PY to CT+2245
ZD7+ZD8 to EA, on 6m, TEP)
- 21(3C flares+**0845 Z2 to DU7!!** +0945-1130 foF2=10.3/MUF=35MHZ
Athens+ 1030 48MHZ 5Z vids S5 A-TEP first time CY24+1230 ZS6 to
F+1245 FR to 5B+1430 ZS6 to EA+CT +1530 V5 to EA+ZS6 to CT+1800
ZS6 to SV2+EA+1830 9Q to A9+EA+TR to 4X+EA+CT+1915 ZD7+D2 to
CT+ZD7 to IS+2000 TJ+TZ to IT+2030 ZD8 to CT3+CU+2145 PY to
CT+CT3, on 6m, TEP)
- 22(4C flares+1000 ZL to PY, LP?+1115 9M to I+EA on 10m, F2+1130
48MHZ 5Z vids+1230 ZS6 to 9A+EA +Z2 to I+1515 TR+V5 to EA+ZD7 to
I+EA+1600 Z2 to EA+1845 PY to EA8+TR to EA on 6m, TEP)
- 23(1C+M1.4 flares+1030 VK6 to SV, on 10m, F2+1245 Z2 to IT+1330 Z2 to
IS+CT+1830 V5 to I+EA+2030 TR to SV3+D2 to I+CT+2145 PY to
EA8+2200 PY to CT on 6m, TEP)
- 24(4C+M1.0 flares+0800 VK6 to SV+1630 ZS6 to EA+1745 Z2 to EA+1915
9Q+TR to EA+2000 ZD8 to SV3+2015 TZ+9Q+D2 to I+SV3+CT+2100
TZ to EA+ZD8 to CU+2130 PY to CT3+EA8+CT on 6m, TEP)

- 25(3C+M1.0 flares+0630 PY to VU4 SP+0700 VK3 to SV+1400 9M to PY, LP+1600 9M to IT late, on 10m, F2+1845 Z2 to EA+1915 Z2 to SV3+1930 CX+LU to CT+V5 to EA+2000 TR to PY+LU!+ZD8 to EA+2030 ZD7 to EA+2230 PY to CT+EA+2315 S9+ZD8+TR to EA8 on 6m, TEP)
- 26(1C flare+0630 9M+ZL to UA+0700 ZL to OH+OA to DU, SP+0730 KH6 to F, LP on 10m, F2+1330 V5 to I+9Q to A9+ZS6 to IS+1615 ZD8 to EA+1715 Z2+9Q to SV3+I+EA+1900 ZS6+TR to I+EA+2015 ZD8 to SV3+EA+CT+2200 PY to CT3+EA8+ZD8 to EA, on 6m, TEP)
- 27(3C flares+0615 KH6 to S2, LP on 10m, F2+1230 Z2 to IS+1330 ZS6 to EA+1430 V5 to I+1500 S9+TR to I+V5 to CU+1645 TR to I+CT+1800 9Q to SV3+Z2 to SV2, on 6m, TEP)
- 28(1C flare+0830 VK6 to SV strong on 10m, F2+1230 ZS6 to 4X+5B+1615 ZS6 to 5B+**1800 ZS6 to SV2, SV3 on 4m, E-TEP, first CY24, up 7230Km! NIL SV1**+1930 ZD7 to 4X+EA+TR to EA+2000 9Q to SV3+2030 ZD8+TR to SV3+0045 FG+KP4 to D4 on 6m, TEP)
- 29(2C flares+0545 FO to UA+0645 KH6 to SV+I+DL, LP strong+1045 9M to SV strong on 10m, F2+1530 TR to EA+**1730 ZS6 to SV2 on 4m!, NIL SV1**+2045 ZL to SV1 on 20m, SP late!+2130 PY to CT on 6m, TEP)
- 30(1C flare+1645 Z2 to SV2+1730 Z2 to CT3+**1800 ZS6 to SV2 on 4m!, NIL SV1**+1930 PY to CT+EA+2045 LU to CT3+2115 TR to SV3+2130 D4 to EA+PY to CT+CU+0000 ZD8+TR to PY, on 6m, TEP)
- 31(3C flares+1430 3B8 to 4X+5B+1500 FR to 5B+3B8 to SV3+1615 3B8 to 4X+IT+9H+1645 Z2 to I+EA+1700 ZS6 to 4X+SV3+1815 Z2+FY to CT3 simult!!+1845 9Q+Z2 to IS+1900 FG+KP4 to D4+9Q to SV3+1930 48MHZ 3C+TJ+? Video, strong+2000 PY to EA+CT+2030 ZD8 to SV3+2130 PY to CT+ZD8 to CU, on 6m, TEP)

Solar activity increasing steeply, max values: SSN up 137, SFI up 155, Xray background up C1.8, Xray flares up X1.5
Subsequently started TEP propagation mainly to Africa and Indian Ocean.

21. DXCC entities heard/worked during March 2011:15 on 3 cont.
22. DXCC entities heard/worked during 14th Mar 2011: 9 on 3 cont.