

W6ELProp Long-Path Prediction for 10/01/2012

TERMINAL A: 43.00 N 11.00 E IZ5CML Sunrise/Set: 0649/1557 UTC Bearing to B: 94.7 deg  
 TERMINAL B: 3.98 N 81.60 W Malpelo Sunrise/Set: 1140/2327 UTC Bearing to A: 226.9 deg  
 SSN: 54.9 Flux: 110.0 K: 1 Path Length: 30115 km

SIGNAL-TO-NOISE RATIOS (dB)

UTC	MUF	3.6 MHz	7.1 MHz	10.0 MHz	14.1 MHz	18.1 MHz	21.2 MHz	24.9 MHz	28.3 MHz
0000	14.6								
0030	14.7								
0100	14.1								
0130	13.4								
0200	12.2								
0230	11.6								
0300	11.7								
0330	12.4								
0400	14.2								
0430	16.7								
0500	19.1								
0530	22.2								
0600	25.7								10 D
0630	29.8								10 B
0700	30.0								11 B
0730	28.2								11 C
0800	26.0						5 A	7 B	12 C
0830	24.2						6 B	8 C	12 C
0900	21.3						8 B	9 C	13 D
0930	17.9								
1000	15.1					3 C	9 C	10 D	14 D
1030	14.4					5 C	10 D	11 D	
1100	13.8					7 D	12 D		
1130	14.0					9 D	13 D		
1200	15.1					10 D	14 D		
1230	19.7					11 C	15 D	14 D	
1300	25.7					1 B	16 D		
1330	28.9					1 A	16 A	15 B	18 D
1400	30.3					5 A	12 A	15 A	17 B
1430	28.5					5 A	12 A	15 A	17 A
1500	26.6						11 A	14 A	17 B
1530	23.7						10 A	14 A	16 C
1600	21.5						9 A	13 A	16 D
1630	19.3							12 A	12 C
1700	16.9							11 B	12 D
1730	15.6							10 C	11 D
1800	15.0							9 D	
1830	14.6							8 D	
1900	14.8							7 D	
1930	15.0								
2000	15.1							5 D	
2030	15.1								
2100	15.1								
2130	14.2								
2200	14.3								
2230	14.5								
2300	14.5								
2330	14.5								

Availabilities A: 75 - 100% B: 50 - 75% C: 25 - 50% D: 1 - 25%  
 S/N suppressed if signal level below -10 dB relative to 0.5 μV or if predicted availability is zero