

VHF and HF Propagation Chart General Guidelines

BA meters	ND						
ille tel 3	frequency	SUNRISE	MORNING	NOON	AFTERNOON	SUNSET	NIGHT
70 cm 2 m	435MHz				ni; Repeater < 25 mi; mi; Repeater < 40 mi		
6 m · · · ·	50 MHz				DX		
10 m	28 MHz		DX	DX	DX	DX	
12 m · · · ·	24 MHz		DX	DX	DX	DX	
15 m · · · ·	21 MHz		DX	DX	DX	DX	
17 m · · · · ·	18 MHz		DX	DX	DX	DX	
20 m · · · · ·	14 MHz		DX	REGION /	DX	DX	
30 m · · · · ·	10 MHz	DX	//REGION/	//REGION/	//REGION/	DX	DX
40 m · · · · ·	7 MHz	DX	REGION /	[n̈́v̞is]	//REGION/	DX	DX
60 m	5 MHz	DX	III NVIS	[กังเร	[NVIS]	//REGION/	DX
80 m	3.5 MHz	//REGION//	NVIS		NVIS	//REGION/	//REGION//
160 m	1.8 MHz ···	· · [NÝIS] ·				[NVIS]	[nvis]
LONG DISTANCE MEDIUM DISTANCE SHORT DISTANCE	////REGION	DX ///// up to 800 mi p to 300 miles (~500kr	les (~1300km)	miles (~3200km)	HF radio can use the ionosph away. This chart is a general communication in normal iono View the desired band and dista Your results may vary considerably. The caps stations actively operating at any given This poster is a	guide showing which bands sepheric conditions during the nnce corresponding to the app his is not a guarantee of range evaluation follow to make contacts on any band or builty to make contacts on any band or	may have better potential for e peak years of a solar cycle. roximate time of day. is for specific radios, antennes, power fraguency also depends a lot ac other space weather and sungois.