
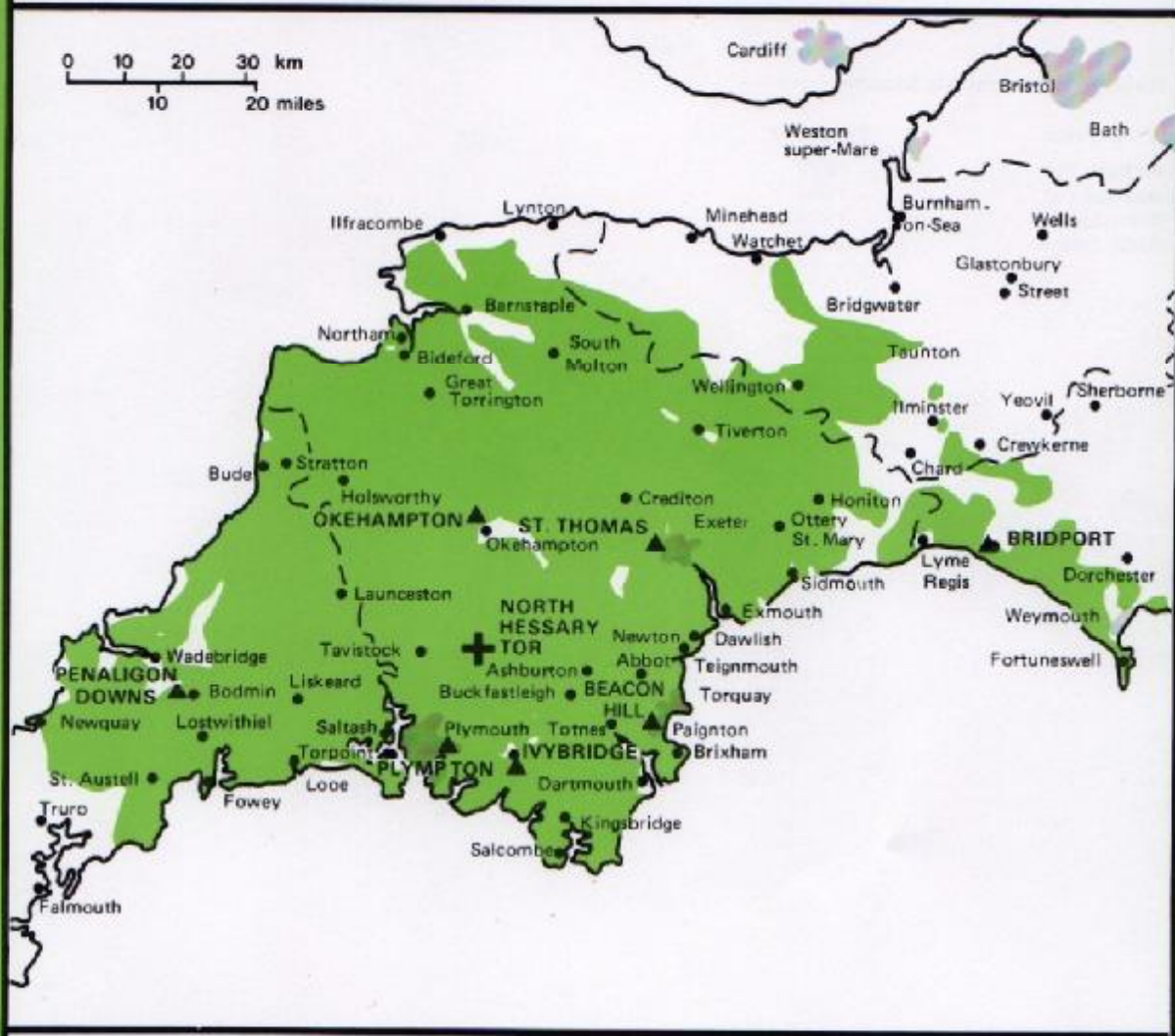


NORTH HESSARY TOR FM RADIO

Radio 1	97.7 MHz
Radio 2	88.1 MHz
Radio 3	90.3 MHz
Radio 4	92.5 MHz
Power (Max erp)	160 kW
Polarisation	mixed
Mean ht. of aerial	163m agl, 675m aod
Transmitter site	Princetown, Devon
National Grid Reference	SX 578742
Key : Service area	
	: Relay station ▲



The service area corresponds to an average field strength of at least 54 dB (relative to $1\mu\text{V}/\text{m}$) at a height of 10m. The service areas of the relays are not shown but technical details are listed overleaf.

Notes
 Sensitive radios may work beyond the boundary shown particularly on high ground.
 54 dB field strength produces typically 300 μV terminated signal using a two element aerial and 15 m of coaxial downlead. (A top quality receiver requires 200 μV for 60 dB S/N.)
 The FM broadcasts of BBC Radio Devon are additionally transmitted from the North Hessary Tor mast.