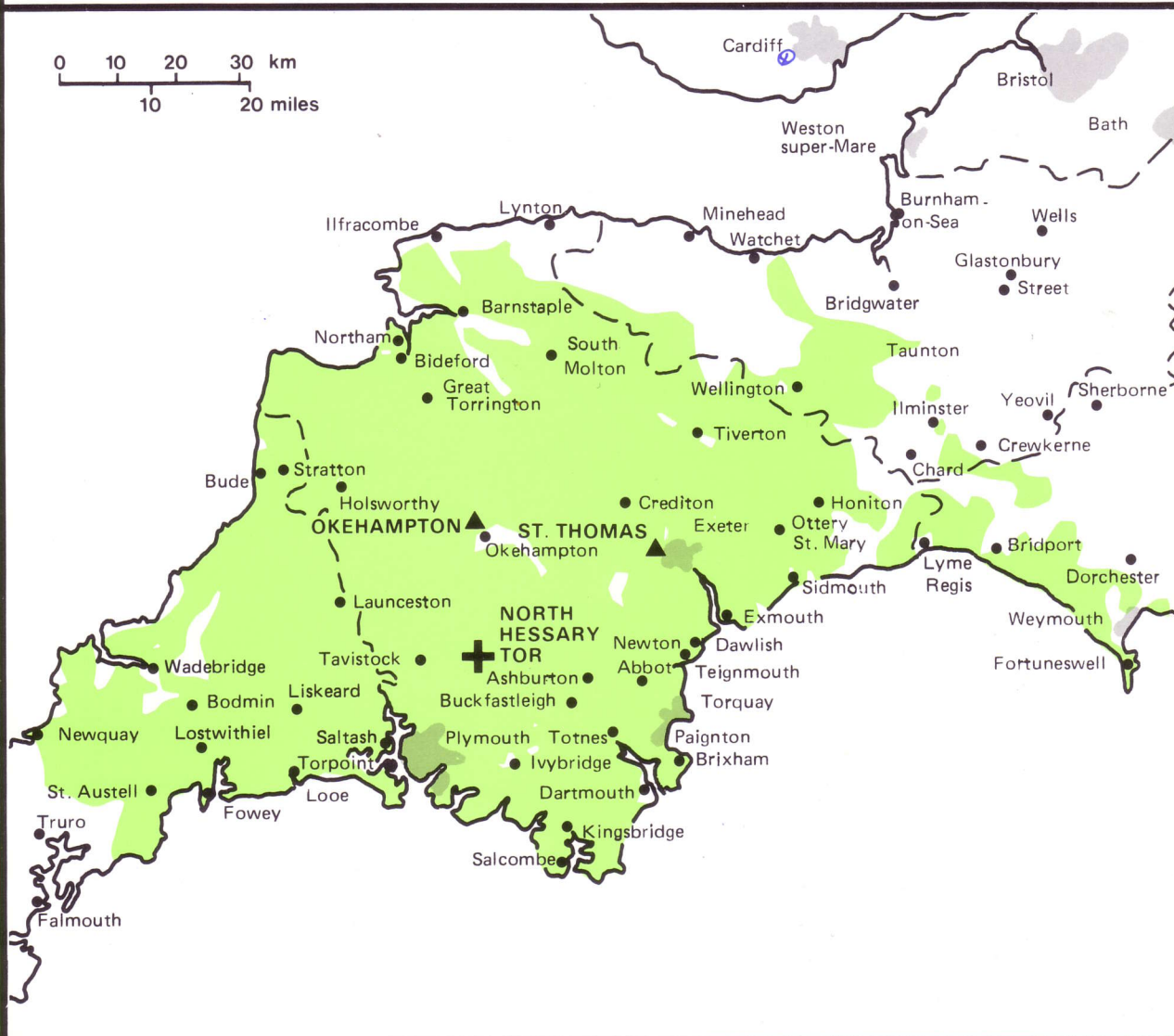




## NORTH HESSARY TOR FM RADIO

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 boundary corresponds to an average field strength of 54 dB (relative to 1uV/m) measured 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 uV terminated signal using a two element aerial and 15 m of coaxial downlead. (A top quality receiver requires 200 uV for 60 dB S/N.).

The FM broadcasts of BBC Radio Devon, are additionally transmitted from the North Hessary Tor mast.

## NORTH HESSARY TOR RELAYS

	R 1* (MHz)	R 2 (MHz)	R 3 (MHz)	R 4 (MHz)	Max. erp	Pol'n	Mean ht of Tx aerial		NGR
							m agl	m aod	
Okehampton	98.3	88.7	90.9	93.1	70 W	M	32	242	SX 586968
St. Thomas	98.6	89.0	91.2	93.4	55 W	M	34	133	SX 898922

\*Provisional details

### Reception Notes

Stereo receivers benefit from properly fitted aerials. Fixed aerial installations should have their aerials mounted with the rods horizontal where either horizontal (H) or mixed (M) polarisation is in use, and vertical where vertical (V) polarisation is used.

### Related Information Sheets

Service	Sheet no
Redruth FM	1977
Wenvoe FM	1907
Rowridge FM	1902
Radio Devon	1973