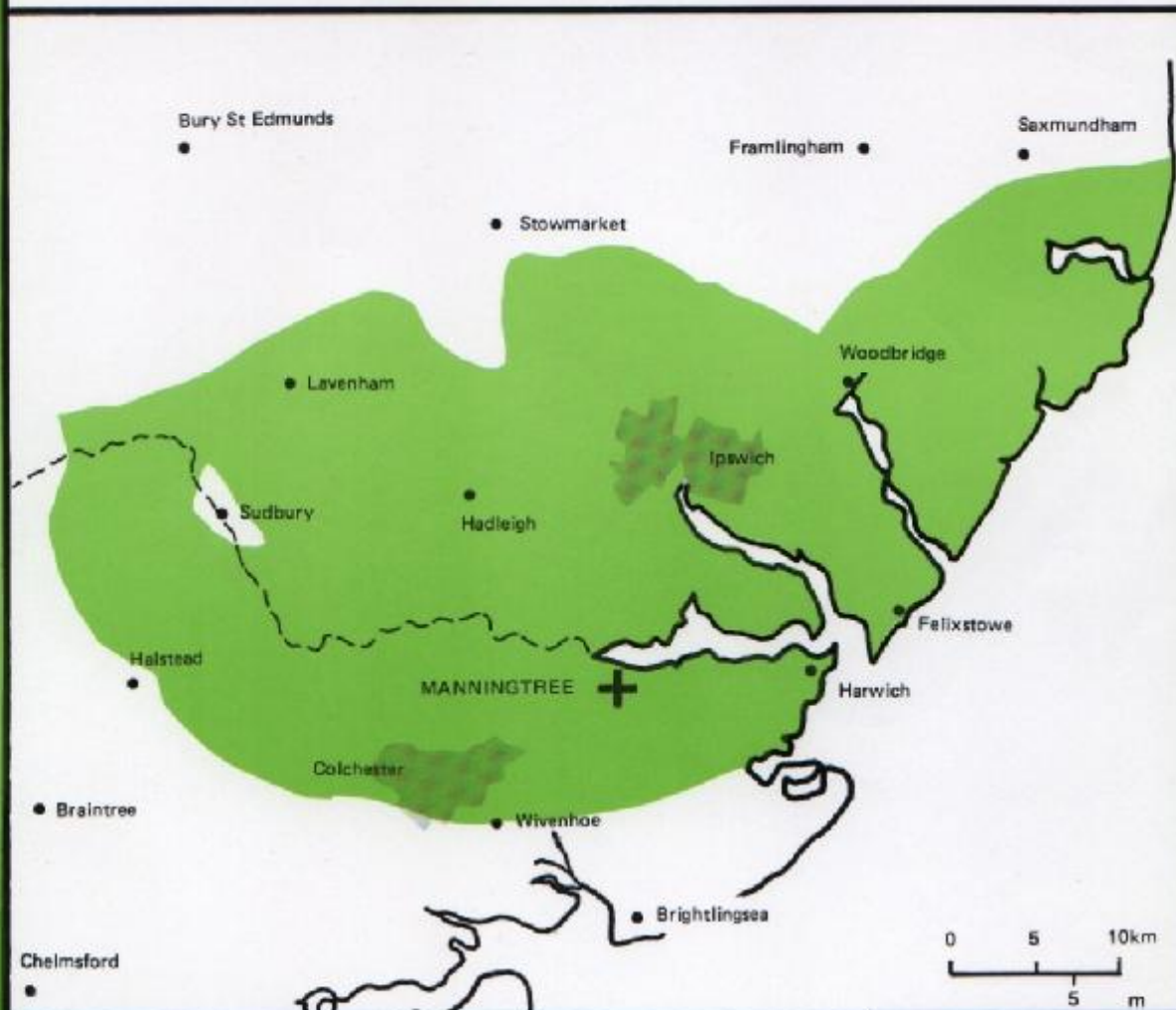


MANNINGTREE FM RADIO

Radio 1	97.7 MHz
Radio 2	88.1 MHz
Radio 3	90.3 MHz
Radio 4	92.5 MHz
Power (Max erp)	5 kW
Polarisation	mixed
Mean ht. of aerial	150m agl, 183m aod
Transmitter site	Manningtree, 15 km NE of Colchester
National Grid Reference	TM 123295
Key: Service area	



The service area is where the average field strength is at least 54 dB (relative to $1\mu\text{V}/\text{m}$) at a height of 10m.

Notes

Sensitive radios may work beyond the area shown particularly on high ground.

54 dB field strength produces typically $300\mu\text{V}$ terminated signal using a two element aerial and 15m of coaxial downlead. (A top quality receiver requires $200\mu\text{V}$ for 60 dB S/N.)

The FM broadcasts of BBC Radio Suffolk are also transmitted from the Manningtree mast.

Related Information Sheets

Wrotham FM (sheet 1908), Tacolneston FM (sheet 1905), R.Suffolk (sheet 1869)