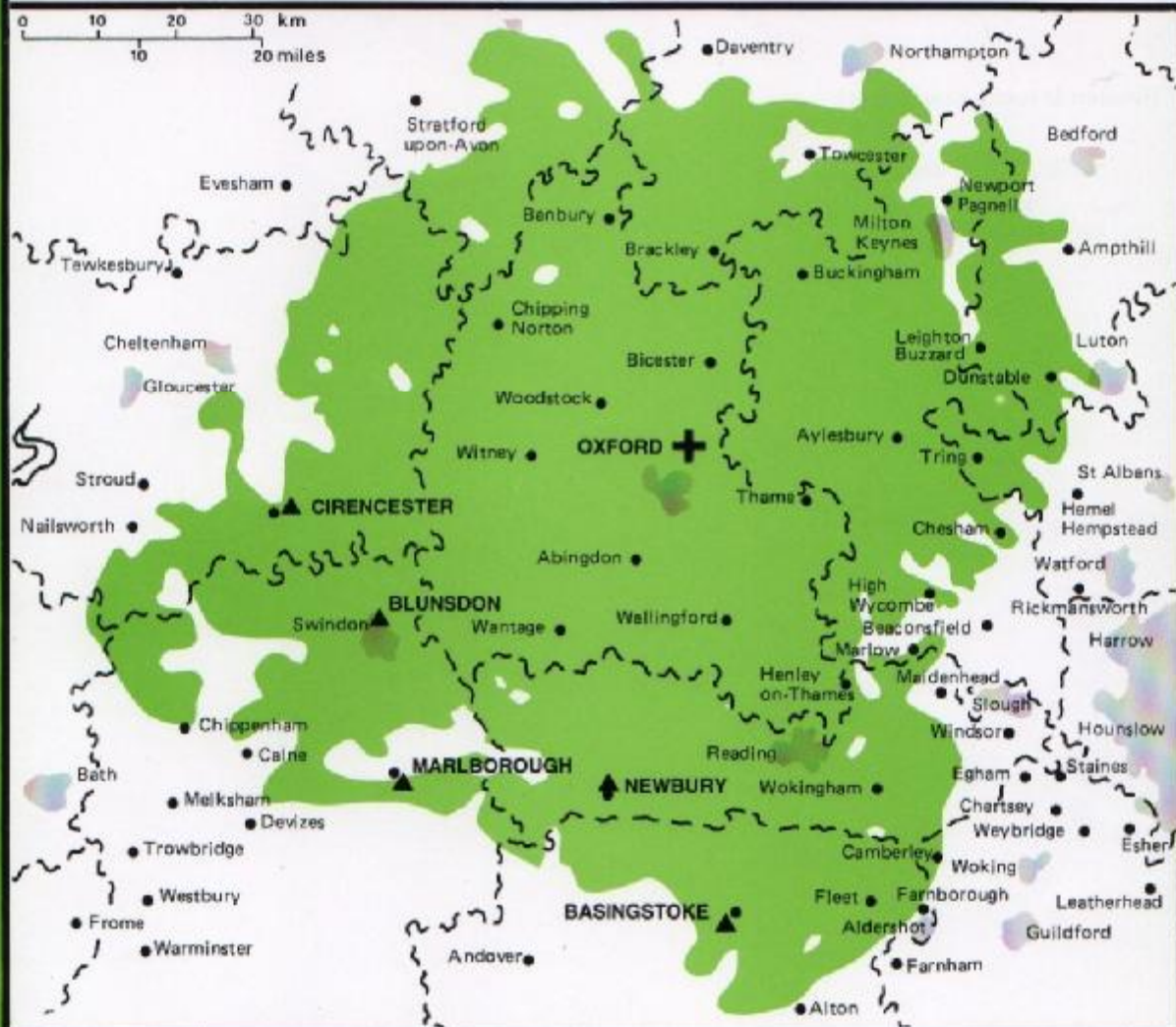


OXFORD FM RADIO

Radio 1	99.1 MHz
Radio 2	89.5 MHz
Radio 3	91.7 MHz
Radio 4	93.9 MHz
Power (Max erp)	46 kW
Polarisation	mixed
Mean ht. of aerial	130m agl, 260m aod
Transmitter site	Beckley, Oxfordshire.
National Grid Reference	SP 567104
Key: Service area	Relay station ▲



The service area is where the average field strength is not less than 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 service area of the relay is not shown but technical details are listed overleaf.

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