



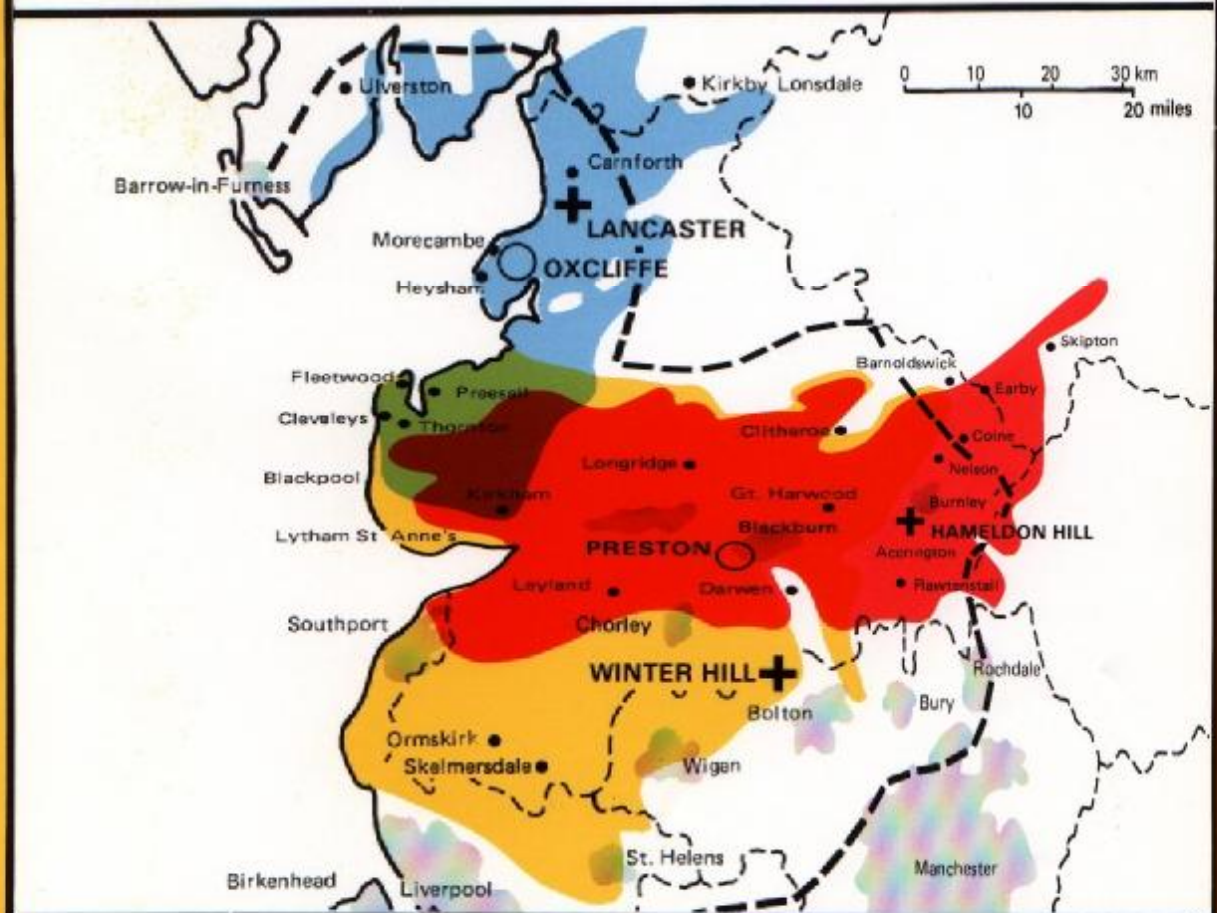


BBC RADIO LANCASHIRE

FM Service			
Transmitter	Winter Hill	Hameldon Hill	Lancaster
Frequency	103.9 MHz	95.5 MHz	104.5 MHz
Polarisation	mixed	mixed	mixed
Power (max erp)	2 kW	1.5 kW	2 kW
Mean ht. of aerial	90m agl, 528m aod	63m agl, 461m aod	70m agl, 159m aod
Grid Reference	SD 660144	SD 808288	SD 490662
Service Area			
Medium Wave Service			
Transmitter	Preston	Oxcliffe	
Frequency	855 kHz	1557 kHz	
Wavelength	351m	193m	
Power	500 W	250 W	
Grid Reference	SD 625253	SD 444613	
Service area			



Service Areas

For FM: areas where the field strength is not less than 54 dB (relative to $1 \mu\text{V}/\text{m}$) at a height of 10m.
 For MW: areas where the field strength is not less than $2\text{mV}/\text{m}$.

Notes

Sensitive radios may work beyond the areas shown particularly on high ground.
 54 dB FM 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.)
 MW service area is reduced during dusk and night-time due to interference from other MW transmitters.