
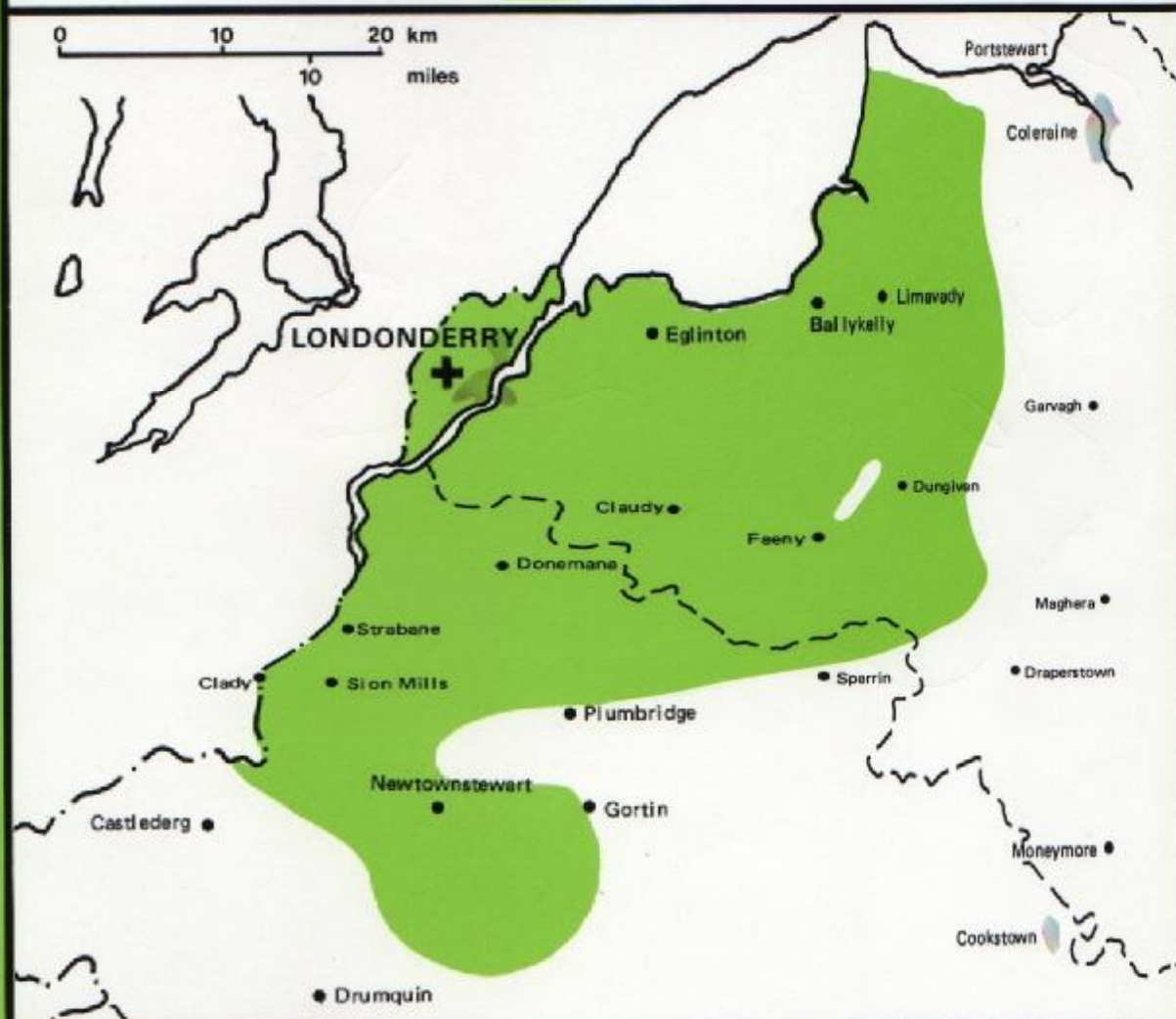


## LONDONDERRY FM RADIO

Radio 1	98.3 MHz
Radio 2	88.7 MHz
Radio 3	90.9 MHz
Radio 4	94.9 MHz
Radio Ulster/Radio Foyle	93.1 MHz
Power (Max erp)	31 kW (except R 4)
Power (Max erp)	10 kW (R 4 only)
Polarisation	mixed
Mean ht. of aerial	92m agl, 260m aod
Transmitter site	Sherriff's Mountain
Irish Grid Reference	C 404176
Key: Service area	 (area slightly reduced for R 4)



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.

### Notes

Sensitive radios may work beyond the boundary 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.)

### Related information sheets

BBC Radio Foyle (Sheet 1965), Brougher Mountain FM (Sheet 1966), Divis (Sheet 1921), Limavady (Sheet 1996).