
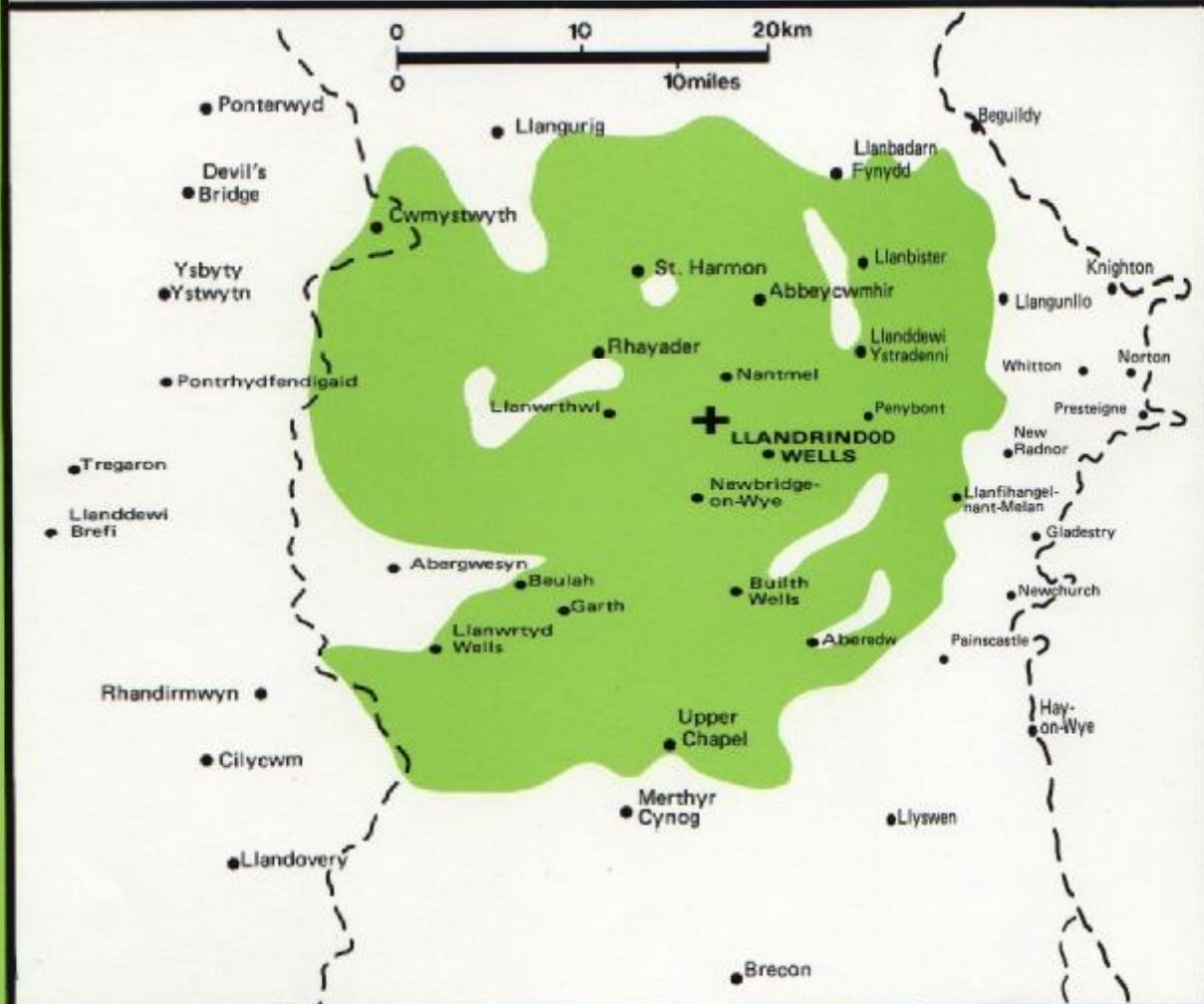


LLANDRINDOD WELLS FM RADIO

Radio 1	98.7 MHz
Radio 2	89.1 MHz
Radio 3	91.3 MHz
Radio 4	103.8 MHz
Radio Cymru	93.5 MHz
Power (Max erp)	1.5 kW
Polarisation	mixed
Mean height of aerial	65m agl, 498m aod
Transmitter site	Rhiw Gwraidd, Llanyre, Powys
National Grid Reference	SO 019635
Key: Service area	



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.

Llandrindod Wells is a relay of the Wenvoe FM transmitting station (Information Sheet 1907).

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.)