

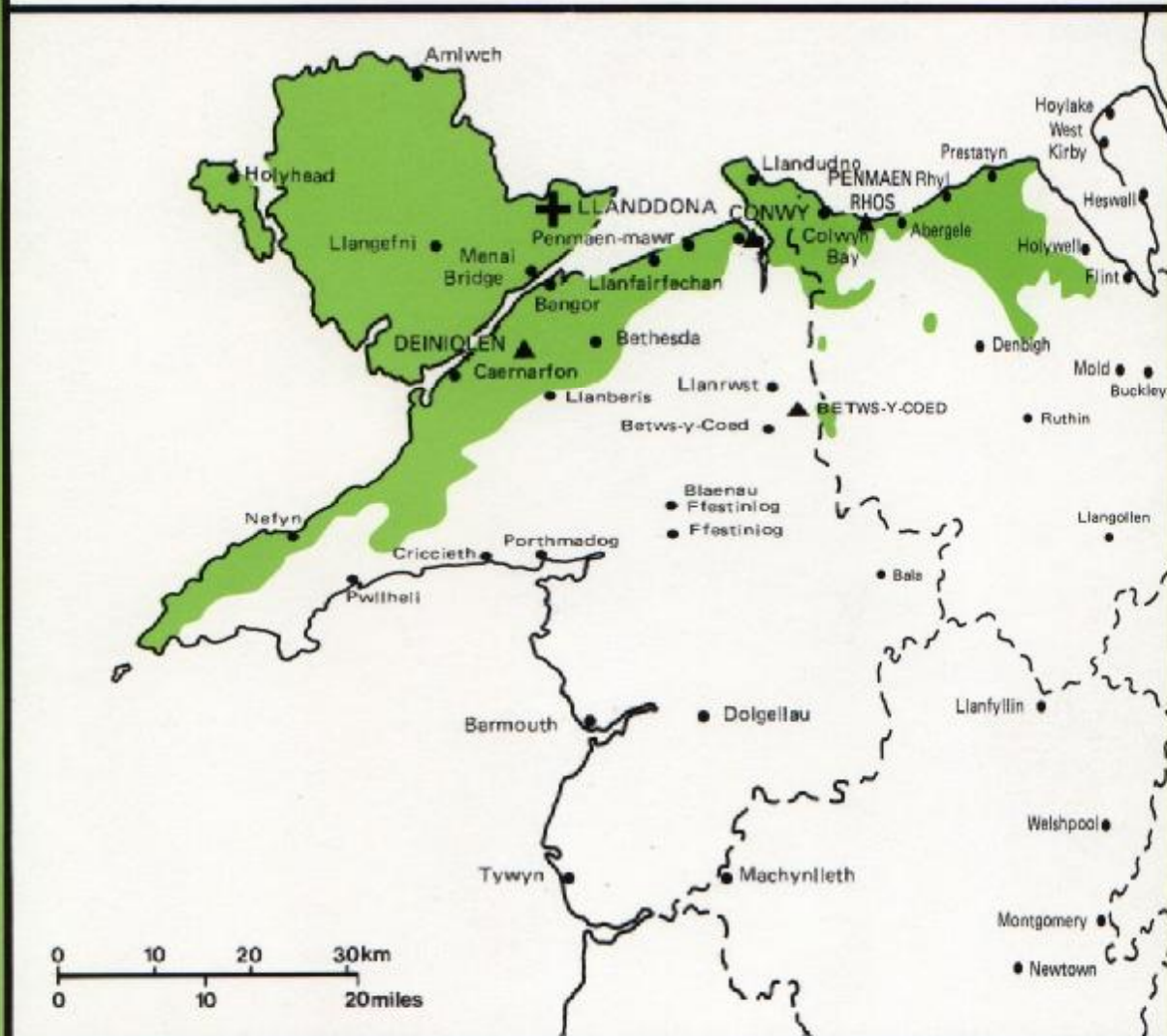


LLANDDONA FM RADIO

| | |
|-------------------------|---|
| Radio 1 | 99.4 MHz |
| Radio 2 | 89.8 MHz |
| Radio 3 | 92.0 MHz |
| Radio 4 | 103.6 MHz |
| Radio Cymru | 94.2 MHz |
| Power (Max erp) | 21 kW |
| Polarisation | mixed |
| Mean ht. of aerial | 90m agl, 230m aod |
| Transmitter site | Llanddona, Anglesey |
| National Grid Reference | SH 582810 |
| Key : Service area |  |
| | : Relay station  |



The service area is where the average field strength is not less than 54 dB (relative to $1 \mu\text{V/m}$) measured at a height of 10m.

The service area of the relays are not shown but technical details are listed overleaf.

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.)