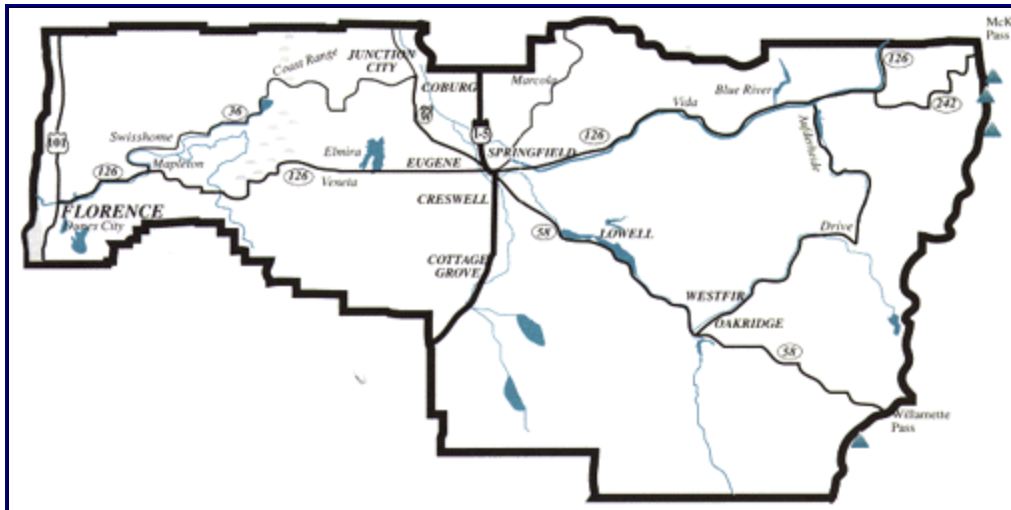


2 Meter (144 MHz) and 70 CM (440 MHz) Repeaters in and Around Lane County, OR



2 Meter Repeaters

Standard Offsets Key:

- 0.60

+0.60

Notes Key:

LAC - Large Area Coverage

Output Freq.	Offset	Tone	Location	Notes
145.170 MHz	-	100.0	Eugene	
145.370 MHz	-		Blue River	
145.450 MHz	-		Eugene	
146.630 MHz	-	100.0	Eugene	
146.660 MHz	-		Cottage Grove	
146.680 MHz	-		Junction City	LAC,
146.720 MHz	-		Eugene	
146.740 MHz	-	100.0	Eugene	
146.760 MHz	-	100.0	Saginaw	
146.780 MHz	-		Corvallis	LAC,
146.800 MHz	-	100.0	Florence	
146.820 MHz	-		?	
146.880 MHz	-		Eugene	
146.960 MHz	-		?	
146.980 MHz	-		Oakridge	
147.080 MHz	+	100.0	?	
147.160 MHz	+		Corvallis	OSU Club
147.180 MHz	+	100.0	?	
147.360 MHz	+	77.0	Eugene	

70 CM Repeaters

Standard Offsets Key:

- 5.00

+5.00

Notes Key:

LAC - Large Area Coverage

Output Freq.	Offset	Tone	Location	Notes
440.850 MHz	+	Y	Cottage Grove	
441.120 MHz	+	Y	Eugene	
442.125 MHz	+	100.0	Eugene ?	LAC,
442.570 MHz	+	100.0	Florence	
443.050 MHz	+		Springfield	
443.500 MHz	+	100.0	Eugene	
443.550 MHz	+		Eugene	
443.950 MHz	+		Eugene	
444.450 MHz	+	Y	Eugene	
446.070 MHz	-		Junction City	

Standard offsets

Almost all repeaters use standard frequency offsets for the transmitter, relative to the receiver frequency. These are:

- 600 kHz for 2m repeaters with transmitter outputs below 147 MHz,
- +600 kHz for 2m repeaters with transmitter outputs above 147 MHz,
- 5 MHz for UHF repeaters with transmitter outputs above 445 MHz,
- +5 MHz for UHF repeaters with transmitter outputs below 445 MHz,
- 12 MHz for 1.2 GHz repeaters with transmitter outputs above 1.282 GHz.

CTCSS Tones (Continuous Tone-Coded Squelch System)

CTCSS is a standard radio squelch technique that uses a subaudible tone on the transmitted signal to control the opening & closing of the receiver squelch. A repeater that doesn't use CTCSS will relay all received signals. A repeater using CTCSS will relay only those signals that have the subaudible tone present.

Some repeaters REQUIRE CTCSS AT ALL TIMES. That means you must enable the CTCSS tone (typically 100.0) on your transmitter, otherwise the repeater will not relay your signal.

*CTCSS is synonymous with PL (Private Line), which is a Motorola copyrighted term for CTCSS.