

Repeater Location & Coverage Area

Striped Peak is geographically located northeast of Joyce and west of Sequim and Port Angeles. Located in the central part of Clallam County, it allows for hand-held radios to be used in most of the Port Angeles area and all of Joyce. In Sequim, hand-held coverage is marginal through the Striped Peak receiver but is available through the east end remote receiver (77Hz tone).

In the west end, coverage is much more marginal due to heavy mountainous terrain. High-power mobile and base stations must be used. Many lowland locations can hear the repeater weak, but may or may not be able to access the repeater. The west end remote receiver (186.2Hz tone) allows easier access for users in this area. Higher locations typically have no trouble receiving or accessing the repeater.

West (874K JPEG, 312 sec @ 28.8bps)

Striped Peak's location relative to the east (picture below) and west (right picture) ends of Clallam County. The red arrow points to the Striped Peak site and blue arrows point to the remote receivers.

Click on any map for full size graphic:

East (541K JPEG, 193 sec @ 28.8bps)



Radio Propagation Study Maps

A number of radio propagation studies have been performed to give a basic representation of the repeater's transmit and receive coverage. Although these studies were adjusted to depict actual coverage as accurately as possible, all data is approximate and should be used at everyone's own risk. These studies are also subject to atmospheric conditions.

The software used to produce this study is ['Radio Mobile' by Roger Coude VE2DBE](#).

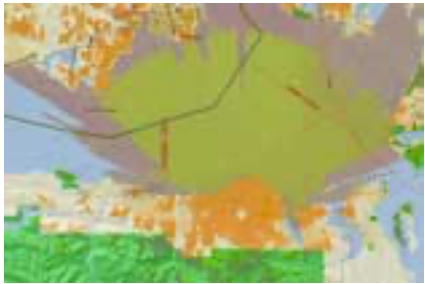
Dark orange indicates solid to slightly marginal signal.
Light orange indicates marginal to no signal at all.



Repeater's approximate transmit coverage received by an average base station or stationary mobile radio. This study is also the repeater's approximate receive coverage by a base station or stationary mobile radio with gain antenna transmitting at 50 watts using the main 100Hz CTCSS tone.



Repeater's approximate receive coverage by a hand-held radio with rubber duck antenna transmitting at 5 watts using the main receiver, 100Hz tone.



Repeater's approximate receive coverage by a hand-held radio with rubber duck antenna transmitting at 5 watts using the east receiver, 77Hz tone.



Repeater's approximate receive coverage by a hand-held radio with rubber duck antenna transmitting at 5 watts using the west receiver, 186.2Hz tone.