

**COOPERATIVE OPERATION OF PACIFIC NORTHWEST SEISMIC NETWORK  
SOUTHERN OREGON ANALOG AND BROADBAND STATIONS**

04HQAG006

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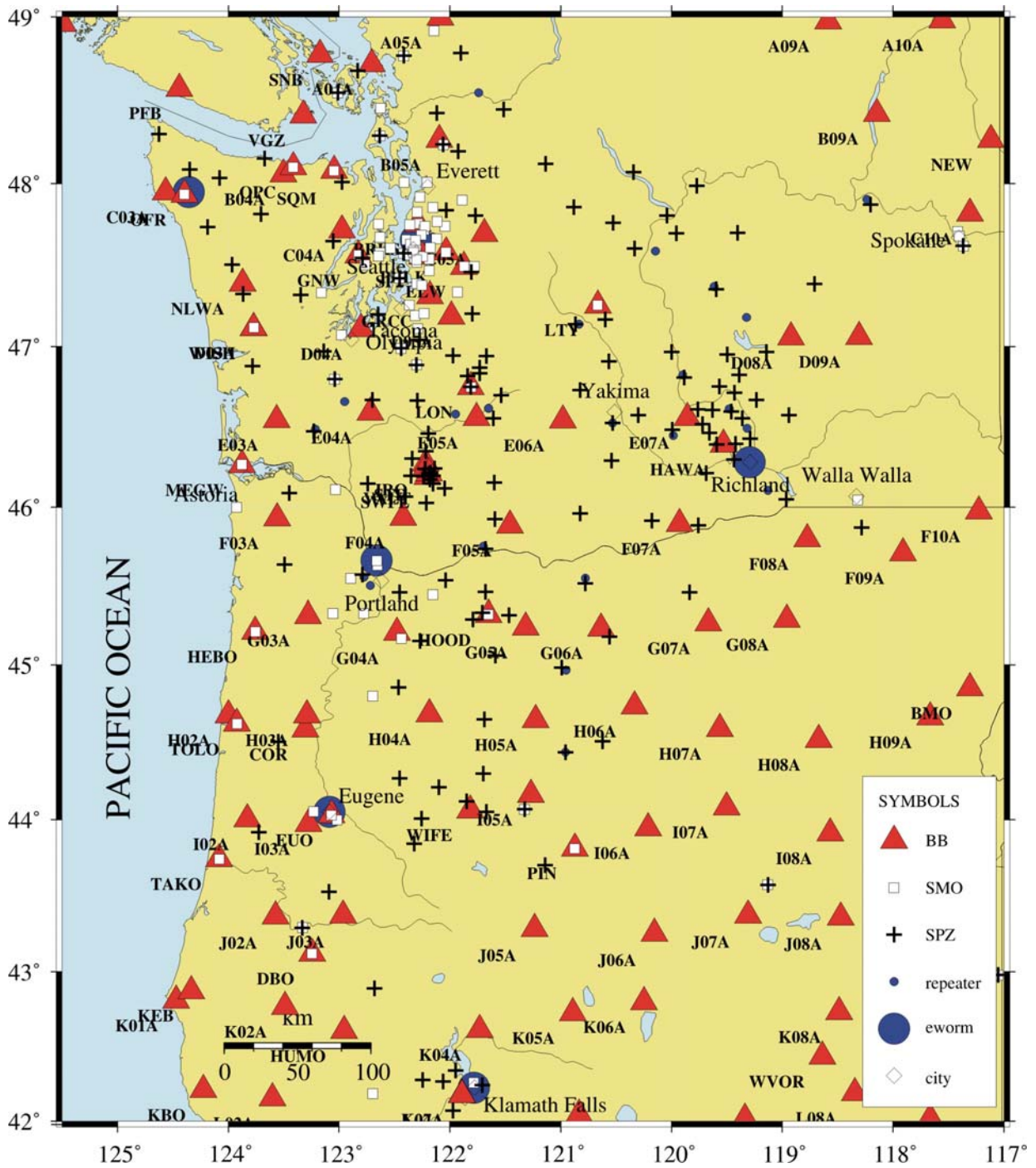
Reporting Period: Oct. 1, 2005 - Sept. 30, 2006

**Non-technical Summary**

Cooperative Agreement 04HQAG006 funds installation and maintenance of approximately 23 seismometer stations in central and southern Oregon. The data from these stations is telemetered in real time to the Pacific Northwest Seismic Network ([PNSN](http://www.pnsn.org/)) in Seattle which collects and analyzes earthquake data. A major computer node of the PNSN (2 computers and associated electronics and hardware) is located at the University of Oregon and its configuration, maintenance, and operation is also covered in this contract. The PNSN operates seismometers throughout Washington and Oregon, including 201 seismometer stations west of 120 degrees west longitude, of which 185 are funded under Cooperative Agreements [04HQAG005](#) and 04HQAG006. Additional stations are operated by other groups, with many NSF EarthScope Transportable Array stations installed during this contract period.

**Publications**

Quarterly bulletins from the PNSN (<http://www.pnsn.org/REPTS/quarterly.html>) provide operational details and descriptions of seismic activity in Washington and Oregon.



**Figure 1.** Seismograph stations operated by, or recorded at, the PNSN at the end of September 2006. Black crosses indicate the locations of short-period seismometers, Red triangles represent the locations of three-component broad-band seismometer installations, and white squares show the locations of strong-motion stations. Cities are designated by unfilled diamonds. Some stations in central and southern Oregon are maintained under this agreement.