

**COOPERATIVE OPERATION OF PACIFIC NORTHWEST SEISMOGRAPH  
NETWORK**

**SOUTHERN OREGON ANALOG AND BROADBAND STATIONS**

04HQAG006

D. Toomey, P.I.

Dept. of Geological Sciences, University of Oregon

Eugene, OR 97403

Phone:(541)346-5576

e-mail: [drt@newberry.uoregon.edu](mailto:drt@newberry.uoregon.edu)

URL: <http://www.pnsn.org/>

Key words: Real-time earthquake information

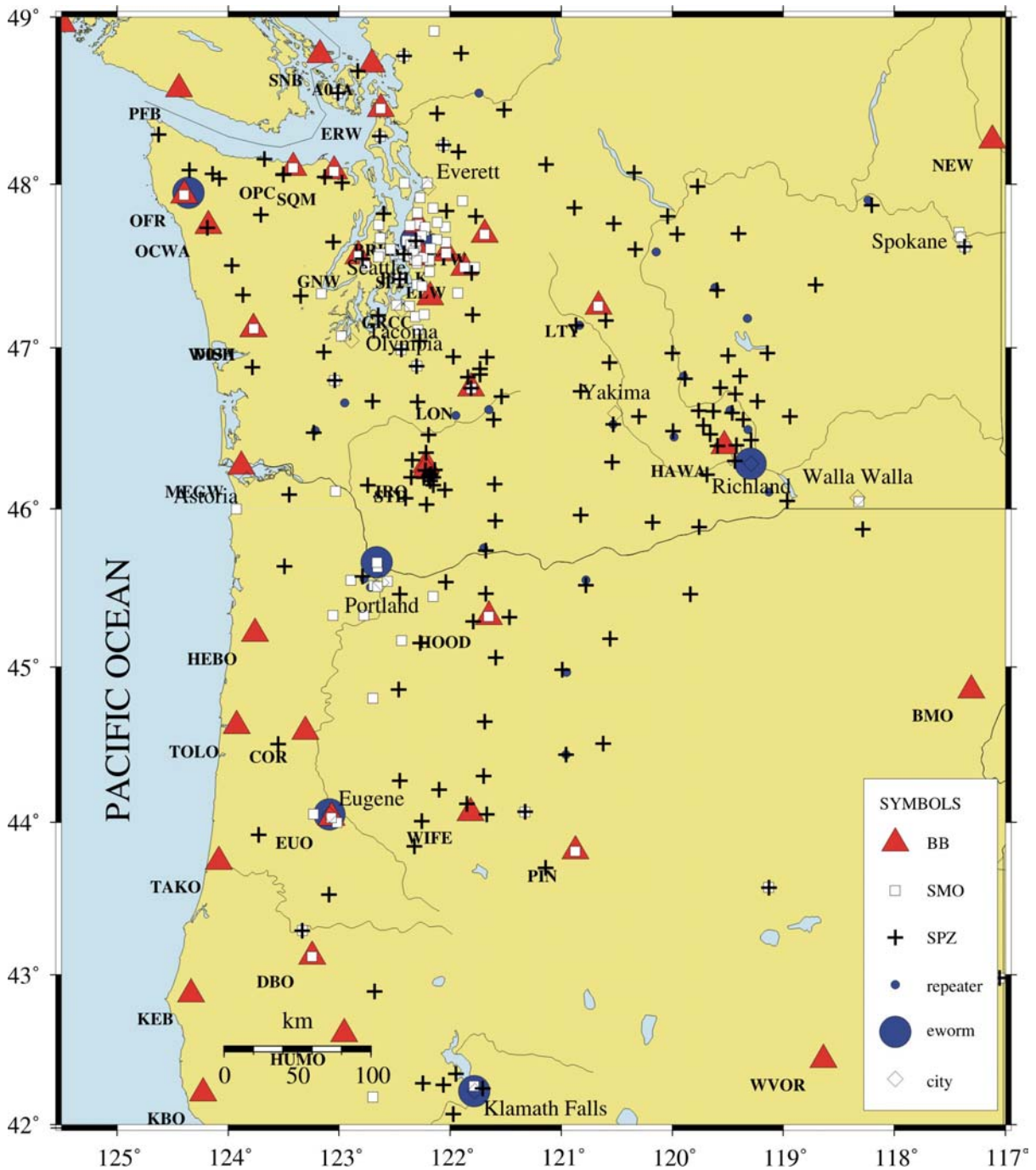
Reporting Period: Oct. 1, 2004 - Sept. 30, 2005

**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 Seismograph 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 191 seismometer stations west of 120 degrees west longitude under Cooperative Agreement [04HQAG005](http://www.pnsn.org/).

**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, 2005. Black crosses indicate the locations of short-period vertical seismometers, while red triangular symbols represent the locations of three-component broad-band seismometer installations. White squares denote the locations of three-component strong-motion seismometer stations, and Cities are designated by unfilled diamonds. Stations in central and southern Oregon are maintained under this agreement.