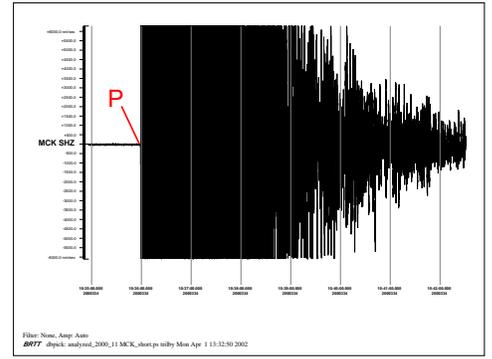
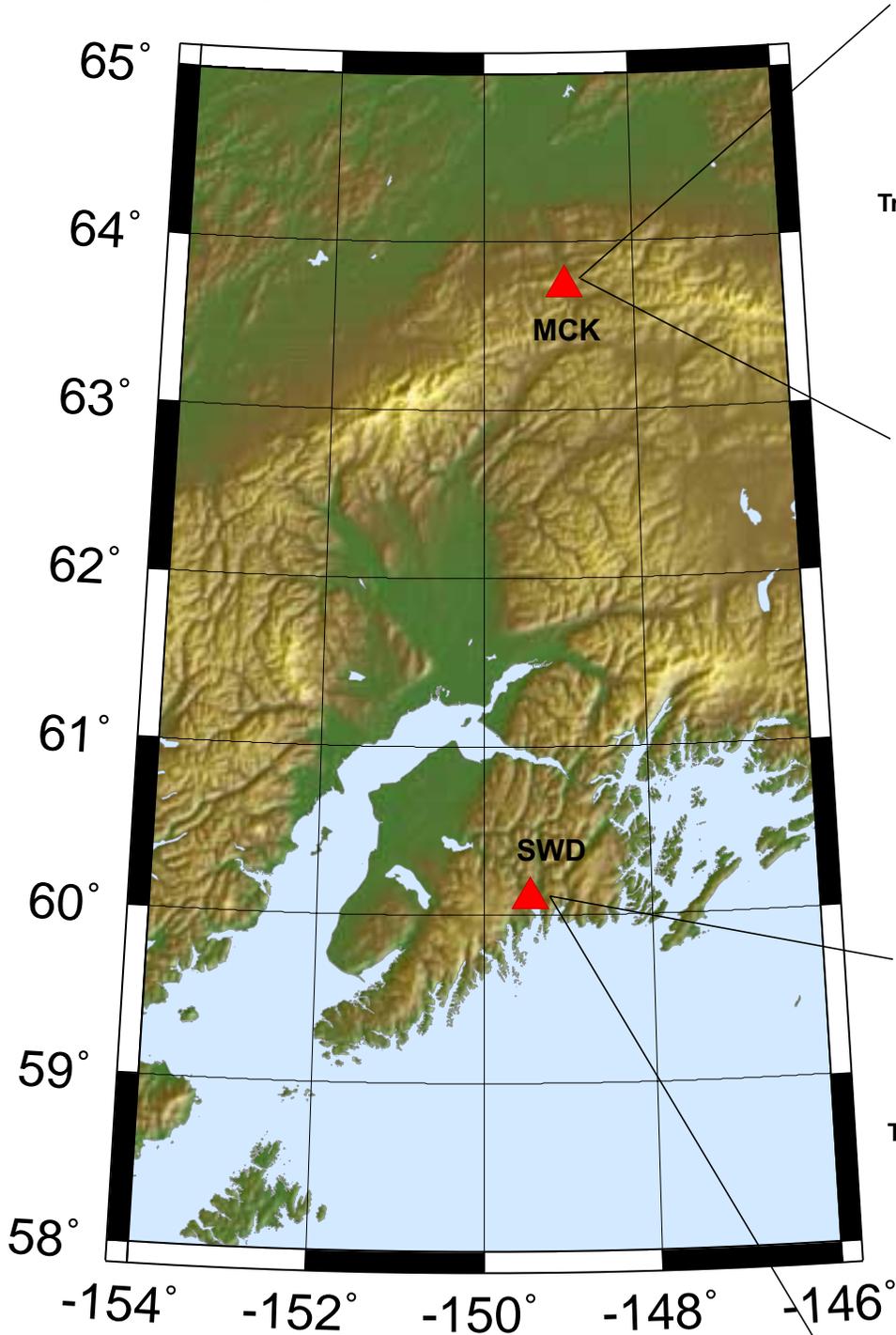
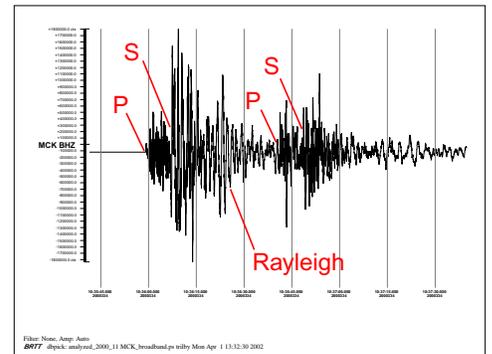


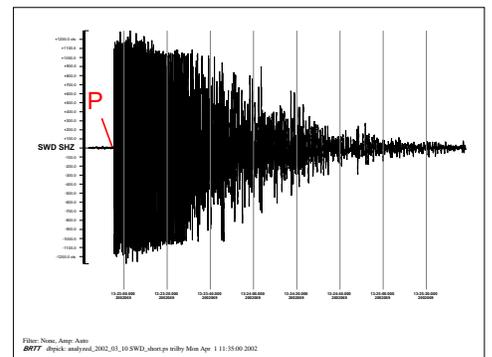
The National Tsunami Hazard Mitigation Program allows the Alaska Earthquake Information Center to augment and upgrade our regional seismic network to include modern digital broadband seismograph stations. Traditional analog short-period stations lose amplitude information necessary to determine magnitude and phases later than the first arrival.



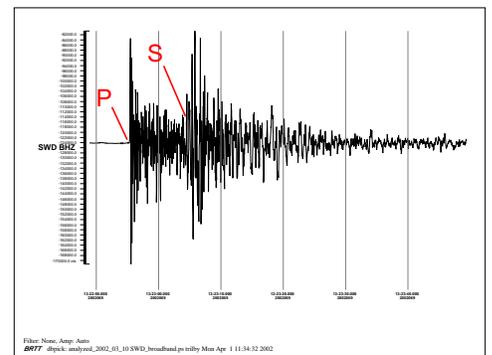
Traditional analog short-period seismogram



Modern digital broadband seismogram



Traditional analog short-period seismogram



Modern digital broadband seismogram

The top two seismograms show waveforms from the two November 29, 2000 MI 5+ earthquakes located near Kantishna, Alaska. Note that the two earthquakes are only visible in the modern digital seismogram.

The bottom two seismograms show waveforms from a recent MI 4.5 earthquake located near Seward, Alaska.