

Exercise Pacific Wave 06, Scenario 1

The first tsunami will be generated by a magnitude 9.2 earthquake off the coast of central Chile at 30°S, 72°W that occurs on May 16, 2006 at 1900 UTC. Suggested participants for this event simulation are: Chile, Peru, Ecuador, Colombia, Panama, Costa Rica, Nicaragua, El Salvador, Guatemala, Mexico, Honduras, Pitcairn, French Polynesia, Cook Islands, Kiribati, Niue, Tonga, American Samoa, New Zealand, Samoa, U.S.A., Canada, Wallis and Futuna, Tokelau, Fiji, Australia, Tuvalu, Vanuatu, New Caledonia, and the Marshall Islands. Bulletins will be issued for approximately 6 hours (24 hours of compressed exercise time) until the tsunami is simulated to have crossed the entire Pacific.

This plot shows Actual Tsunami Travel Time. For the purposes of the Exercise, time will be compressed 4 times so that, for the example below, the 4-hour actual time contour corresponds to 1 hr in Exercise time. Similarly, 8, 12, 16, and 20 hrs actual time correspond to 2, 3, 4, and 5 hrs in Exercise time.

