

## Expert Field Team: Tsunami Science

Situation Report: Mid-Day Update 5/13/14 12:00

### **Summary: 30 new incidents have been reported: Total incidents: 40**

Following the earthquake and tsunami and our field team members assessed their personal safety and ability to participate, our field teams responded to the SOC activation by collecting observations in **five regions: Crescent City, Trinidad, McKinleyville, Manila, and Field's Landing, CA.** Field teams created incidents and uploaded photos to the EQCH and SpotOnResponse. Field teams used the tsunami field notes form to submit contextual information related to their observations.

Communication streams have been established between the field team coordinators and the subject matter expert field team members in Crescent City, Trinidad, McKinleyville, Manila, and Field's Landing, CA. Also, field team coordinators have established communications streams with the local OES, and Harbor Managers in Humboldt Bay.

SOC requests for observations in some "zones of investigation" have been received and field teams deployed to collect information in response to those requests.

#### Crescent City:

- "Tsunami Ready" tsunami response plans were successfully realized by residents who evacuated to the tsunami evacuation sites designated as part of the NOAA/NWS Tsunami Ready program. Field team created an incident to document the evacuated residents
- Tsunami observations were made from the evacuation sites
- Tsunami run-up observations were made by team members after the tsunamis stopped inundating.

#### Trinidad:

- Tsunami run-up observations were made by team members after the tsunamis stopped inundating. The tsunamis have destroyed part of the dock and evidence of tsunami run up has been documented in a number of incidents.

#### McKinleyville:

- SOC requests subject matter expert field teams to observe the impact of tsunami run-up in the region of the HWY 101 bridge over the Mad River

#### Manila:

- observations of run-up were reported using the field notes form
- 17 houses show evidence of erosion near the base of their foundations

- 3 houses floated off their foundations
- Wirelines are on the ground
- The HWY 255 bridge over Mad River Slough: tsunami outflow erosion at the western abutment left a 3 meter wide gap between the roadway and the bridge

**Field's Landing:**

- observations of run-up were reported using the field notes form
- 15 houses show evidence of erosion near the base of their foundations
- 5 houses floated off their foundations
- All motor homes floated away
- Oil Sheen is observed on the ground
- Wirelines are on the ground

**Event Chronology:**

Day/Time      Action

5/13 08:20