



EMERGENCY ACTION CHECKLIST



CHECKLIST 3.1.07 TSUNAMI

USE THIS CHECKLIST FOR: Tsunami ADVISORY, WATCH or WARNING.

1	Tsunami message # _____ obtained from JeffCom. Confirm if ADVISORY, WATCH, or WARNING.	<ul style="list-style-type: none"> • A message will be received every 30 min or more as needed. • Go to www.wcatwc.arh.noaa.gov for current information 						
2	Note the point of origin	<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">EQ Magnitude</td> <td style="width: 100px;"></td> </tr> <tr> <td style="text-align: center;">Time occurred</td> <td></td> </tr> <tr> <td style="text-align: center;">Apx location</td> <td></td> </tr> </table>	EQ Magnitude		Time occurred		Apx location	
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3	Coastal breakpoints (typical points of reference on tsunami bulletins) No separate warning available for the Strait of Juan de Fuca, Admiralty Inlet, Hood Canal	<ul style="list-style-type: none"> • Langara Island, BC • Northern tip of Vancouver Island, BC • Washington/BC border • Neah Bay • Clatsop Spit, OR • Cascade Head, OR • Cape Blanco, OR • Oregon/California border • Cape Mendocino, CA 						
4	Note the ETA closest landfall	La Push or Neah Bay						
5	For ADVISORY , WATCH or WARNING immediately activate EOC at Phase 2 (+)	Use Checklist 3.3.02 – EOC Activation						
6	Continue threat analysis as EOC stands up	<ul style="list-style-type: none"> • Monitor www.wcatwc.arh.noaa.gov • Monitor news outlets • Monitor NAWAS • Receive updated bulletins from Jeffcom 						
7	Emergency measures recommended for tsunami ADVISORY	<ul style="list-style-type: none"> • Move out of the water, off the beach and out of harbors or marinas • Strong currents may be hazardous to swimmers, boats, and coastal structures • May continue for several hours • Widespread inundation is not expected • Apply ADVISORY measures to all waters 						
8	Emergency measures recommended for tsunami WATCH	<ul style="list-style-type: none"> • Persons in the WATCH area should remain alert for change to WARNING • Persons in the WATCH area should use local broadcast news for updated information • WATCH area may be impacted at a later time • Watches may be upgraded to a WARNING or 						

		ADVISORY, or cancelled
9	Emergency measures recommended for tsunami WARNING	<ul style="list-style-type: none"> • Contact all local warning points (list attached) • Alert public that <i>widespread, dangerous coastal flooding accompanied by powerful currents is possible</i> • Events may continue for several hours • Use AHAB sirens to evacuate waterfront areas if event is severe (Checklist 3.2.01) • Consider delaying inland waters evacuation until confirmed by distant observations (unless ETA is less than 2.0 hours)
10	Develop a plan of action	<ul style="list-style-type: none"> • Notify emergency response agencies (via Jeffcom) • For Advisory consider closing beaches, evacuating harbors and marinas • For Watch and Warning evacuate area at risk from sea level to 50' (see evacuation criteria below) • Consider activation of AHAB sirens if tsunami is eminent (Checklist 3.2.01) • Deploy field resources as needed (consider safety parameters – putting emergency responders in harms way) • Consider activation of the City Command Center • Establish traffic control points • Use emergency response agencies to disseminate information in the risk area • Issue Situation Reports as needed • Schedule a policy briefing when time permits • Issue local advisories as needed • Issue regular updates • Plan to assist those who cannot activate on their own • Plan for reception centers for evacuated persons • Continue to monitor conditions at outer landfalls
11	<p>Establish communications with local high risk areas</p> <p>USE THE TSUNAMI CALL LIST</p>	<ul style="list-style-type: none"> • Hoh Tribe • Kalaloch Lodge • Kalaloch Ranger Station • West Jefferson Sheriff's Detachment • Fort Worden • Fort Flagler • Port of Port Townsend • Port Townsend Paper Company
12	Coordinate with Clallam County EOC to coordinate action plans	<ul style="list-style-type: none"> • 360-565-2680 • 360-417-2305 • 360-417-2459 (Pencom – after hours)

		<ul style="list-style-type: none"> • Ham repeater (Striped Peak) – alternate
13	Recommend stand by if:	<ul style="list-style-type: none"> • Tsunamigenic event was minor • Advisory only • Distant landfall shows minor or no impact • Impact is questionable • ETA is more than 5 hours
14	Recommend precautionary evacuation if:	<ul style="list-style-type: none"> • Damaging wave is predicted in the impact area • Damaging wave confirmed at distant points • Wave height unknown and ETA is less than 2 hours
15	Recommend full evacuation if:	<ul style="list-style-type: none"> • Damaging wave is predicted in the impact area • Damaging wave confirmed at distant points • Observations show severe impact • Trigger event was large, and ETA unknown or less than 2 hours
16	Evacuation policy	<ul style="list-style-type: none"> • Authorized by the Program Manager (or designee) • Evacuation cannot be “ordered”. It is advisory action only • Highest threat is outer coast (first priority) • Use emergency response agencies to announce to high threat areas • Use printed evacuation notice (attached) if time permits • Emergency personnel out of the threat area 30 minutes prior to ETA
17	Evacuation criteria	<p>Stand by</p> <ul style="list-style-type: none"> • When distant event with long ETA • Await further action until threat analysis shows serious • Make precautions for evacuation of vulnerable locations • Take time to further develop plans of action • Make sure all local warning points are notified <p>Precautionary</p> <ul style="list-style-type: none"> • When conditions are escalating based on risk analysis • Vacation of the beach to the high tide mark <p>Full evacuation</p> <ul style="list-style-type: none"> • When the likelihood of impact is severe • 100% evacuation of the beach to 50’ above sea level • Restriction of traffic into the exposed areas • Limit reentry below 50’ • Enforce the 30 minute safety margin for emergency responders

18	Be alert for tsunami wave characteristics	<ul style="list-style-type: none"> • More than one wave is possible • Later waves may be higher than the first • Waves may be higher in some areas than others • Unknown wave heights should be treated as dangerous until observations confirm to the contrary • The news media should not be considered an official source of information
19	Terminate alert status when	<ul style="list-style-type: none"> • Announced by NOAA • Outer landfalls observe no wave • ETA (+) has passed two distant points without a wave observation • ETA (+) passed La Push/Neah Bay without wave observation
20	Conduct rescue operations according to plan	<ul style="list-style-type: none"> • Segment the area (use Area Command segments) • Deploy search and rescue resources to check for injured and stranded persons
21	Conduct initial damage assessment	
22	Carry out demobilization	<ul style="list-style-type: none"> • Recall the warning lists with the all clear information • Cancel any local alerts issued • Announce cancellation to field units • Begin release of EOC personnel • Complete incident documentation according to plan