

# Kuril Islands Tsunami Event 1/12/2007 - 1/13/2007

PTWC	WC/ATWC	JMA	STWC
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UTC	HST	AST	Time after EQ	Mode of comms	To	From	Event	Comments
4:24	18:24	19:24	0:00				Earthquake origin time	
4:25	18:25	19:25	0:01		(domestic)	STWC	Yuzhno-Sakhalinsk seismic station	Trigger - Registration P-wave.
4:28	18:28	19:28	0:04				Dart #46413 triggered	by EQ surface waves
4:30	18:30	19:30	0:06				Dart #21413 triggered	by EQ surface waves
4:30	18:30	19:30	0:06				Dart #21414 triggered	by EQ surface waves
4:30	18:30	19:30	0:06	Message	ATWC,JMA	PTWC	P-time	Mwp 8.6, 46.2 North 154.7 East
4:31	18:31	19:31	0:07	Message	NWS, PTWC	ATWC	P-time	Mwp 8.0, 46.4 North 154.2 East
4:32	18:32	19:32	0:08	Phone	PTWC	ATWC	Coordination	Used PTWC's coords. Mwp 8.4, Lat 46.7N, Long 154.4E, Depth 23Km
4:33	18:33	19:33	0:09				Dart #46408 triggered	by EQ surface waves
4:33	18:33	19:33	0:09	Message	WEPA41 distribution	ATWC	ATWC Bulletin #1	Tsunami Warning from Nikolski to Attu, Watch from Seward to Nikolski
4:34	18:34	19:34	0:10	Message	WEPA40 distribution	PTWC	PTWC Bulletin #1	TSUNAMI WARNING Russia / Japan / Marcus Is and TSUNAMI WATCH Wake / Midway / N. Marianas / Guam / Marshall Is./ Taiwan / Yap / Pohnpei / Chuuk / Philippines / Kosrae / Belau / Johnston Is. / Hawaii
4:34	18:34	19:34	0:10	HAWAS	Hawaii Civil Defense / WFO Honolulu	PTWC	PTWC Bulletin #1	HAWAS Call is made immediately following each bulletin.
4:34-4:43	18:34-18:43	19:34-19:43	0:10-0:19	Phone	HI Civil Defense / WFO Honolulu / PACOM / Navy - Pearl / State Dep. / NWS HQ / Hawaiian Tel / Civil Air Patrol	PTWC	PTWC Bulletin #1 Call Down	These are heads-up calls given following the 1st bulletin.
4:36	18:36	19:36	0:12		(domestic)	STWC	Tsunami Warning for All Kuril Islands	Ms=8.0 Used ATWC's coords.
4:36	18:36	19:36	0:12	Message	WEPA40 distribution	JMA	JMA Domestic Tsunami Warning/Advisory #1	JMA issues Tsunami Warning for Pacific and Okhotsk coast of Hokkaido, and Tsunami Advisory for Japan Sea coast of Hokkaido, Pacific coast of Hokkaido to Wakayama Pref.
4:37-5:00	18:37-19:00	19:37-20:00		Phone	Guam Homeland Security /Office of Civil Defense / Saipan EMO / WSOs Koror , Yap, Pohnpei, Chuuk , Majuro and Andersen USAF Base	WFO Guam		Briefing
4:37	18:37	19:37	0:13	Message	WEHW40 distribution	PTWC	PTWC Hawaii Bulletin #1	TSUNAMI WATCH for Hawaii issued
4:38	18:38	19:38	0:14				Dart #46403 triggered	by EQ surface waves
4:38	18:38	19:38	0:14	Message	WEPA40 distribution	JMA	JMA Tsunami Bulletin #1	JMA issues wave height forecasts for western Pacific locations
4:40	18:40	19:40	0:16	Call	PTWC	FAA SLC		FAA circuit systems in Salt Lake City called concerning the length of the PTWC bulletins possibly stoping their entire circuits and requested they NOT be included in any further transmissions of PTWC Bulletins
4:50	18:50	19:50	0:26				Dart #46405 triggered	
4:52	18:52	19:52	0:28				Dart #46411 triggered	
4:54	18:54	19:54	0:30				1st TWC model run	Initial (unscaled) forecast model results: Shemya 26cm; Crescent City 48cm; Kahului 57cm; Hilo 54cm (max amplitude)
5:04	19:04	20:04	0:40	Phone	PTWC	ATWC	Coordination	suggested Mag decrease to 8.2

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~5:00-8:00	19:00-22:00	20:00-23:00	0:36-3:36	Phone	PTWC	STWC	Information Sharing on seismic intensity and tsunami wave observations	Director PTWC and Director STWC
5:09	19:09	20:09	0:45	Message	WEPA41 distribution	ATWC	ATWC Bulletin #2	Tsunami Warning from Nikolski to Attu, Watch from Vancouver Island To Nikolski
5:14	19:14	20:14	0:50			PTWC	PRH personnel arrived (Joel Cline)	Assist with calls, coordination with WFOs, timeline and any issues.
5:17	19:17	20:17	0:53	Phone	PRH Director Jeff LaDouce	PRH/ PTWC		Update and Brief
5:20-5:35	19:20-19:35	20:20-20:35	0:56-1:11	Phone	FEHB in Hawaii, WFO Honolulu, WFO Guam, Delores Clark PA	PRH/ PTWC		Updates and Briefings - Coordinate SPS with WFO Guam on keeping beaches closed
5:24	19:24	20:24	1:00				Dart #41421 triggered	
5:25	19:25	20:25	1:01				Dart #41420 triggered	
5:31	19:31	20:31	1:07	Phone	PTWC	ATWC	Coordination	
5:36	19:36	20:36	1:12	Message	WEPA41 distribution	ATWC	ATWC Bulletin #3	Tsunami Warning from Dutch Harbor to Attu, Watch from Vancouver Island to Dutch Harbor
5:39	19:39	20:39	1:15				ETA Kushiro Japan	
5:41	19:41	20:41	1:17	Email		PMEL		SIFT first estimates: Kahului 103cm max, Hilo 125cm max, Crescent City 85cm max (amplitude)
5:41	19:41	20:41	1:17	Message	WEPA40 distribution	PTWC	PTWC Bulletin #2	TSUNAMI WARNING for Russia / Japan / Marcus Is. / Wake and Midway Islands / N Marianas TSUNAMI WATCH for Guam / Marshall Is. / Taiwan / Yap / Pohnpei / Chuuk / Philippines / Kosrae / Belau / Johnston Is. / Hawaii / Indonesia / Kiribati / Nauru / Papua New Guinea / Howland-Baker
5:43	19:43	20:43	1:19	Message	WEHW40 distribution	PTWC	PTWC Hawaii Bulletin #2	Continue TSUNAMI WATCH for Hawaii
5:43	19:43	20:43	1:19	NOAA Weather Radio		WFO Honolulu	False Alarming of the PTWC Bulletin #2 as a WARNING for Hawaii	
5:55	19:55	20:55	1:32	NOAA Weather Radio		WFO Honolulu	Corrected Alarm for WATCH for Hawaii	
5:58	19:58	20:58	1:35	Phone	PRH/PTWC	WFO Honolulu	Briefing on Alarming of Watch product with Warning status	
6:10	20:10	21:10	1:46	Phone	PTWC	ATWC	Coordination	
6:15	20:15	21:15	1:51	Message	WEPA41 distribution	ATWC	ATWC Bulletin #4	Tsunami Warning from Sand Point to Attu, Watch from Vancouver Island to Sand Point. Reported Hanasaki Japan 10.0cm (amplitude)
6:25-6:35	20:25-20:35	21:25-21:35		Phone	PRH/PTWC	PACOM Military Hawaii - Also Navy Command Pearl Harbor		Briefing
6:28	20:28	21:28	2:04	Message	(domestic)	JMA	JMA Domestic Tsunami Warning/Advisory #2	JMA issues expansion of Tsunami Advisory area to Bonin Islands
6:30	20:30	21:30	2:06	Phone	PTWC	STWC	Malokurilsk, Shikotan, Russia	Initial tsunami 15.0 cm (height), information sharing STWC to PTWC
6:35	20:35	21:35	2:11				ETA DART 21414	
6:35	20:35	21:35	2:11				ETA Attu AK	
6:35	20:35	21:35	2:11				ETA Shemya AK	
6:40	20:40	21:40	2:16	Phone	ATWC	PTWC		Coordination
6:44	20:44	21:44	2:20	Message	WEPA40 distribution	PTWC	PTWC Bulletin #3	TSUNAMI /WARNING for: Russia / Japan / Marcus Is. / Wake Is. / Midway Is. / N. Marianas / Guam / Marshall Is. / Taiwan / Yap / Pohnpei / Chuuk TSUNAMI WATCH for Phillipines / Kosrae / Belau / Johnston Is. / Hawaii / Indonesia / Kiribati / Nauru / Papua New Guinea / Howland -Baker / Palmyra Is. / Solomon Is. / Tuvalu / Vietnam / Jarvis Is.
6:47	20:47	21:47	2:23	Phone	PRH Comms: Carl Suekawa	PRH / PTWC		Coordination regarding FAA circuit in SLC, Utah
6:47	20:47	21:47	2:23	Message	WEHW40 distribution	PTWC	PTWC Hawaii Bulletin #3	Continue TSUNAMI WATCH for Hawaii
6:52	20:52	21:52	2:28				ETA Amchitka AK	

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6:54	20:54	21:54	2:30	Message	WEPA41 distribution	ATWC	ATWC Bulletin #5	Continue Warning from Sand Point to Attu; Watch Vancouver Island to Sand Point. Reported Hanasaki, Japan 10.0cm; Kushiro, Japan 5.0cm; Sheyma, Alaska 6.0cm (amplitude)
7:00	21:00	22:00	2:36	Phone	PTWC	ATWC		Coordination, they will cancel
7:00	21:00	22:00	2:36			STWC	Severo-Kurilsk port	Visual observation by port worker - max wave is 2 meter (height), but currently not confirmed with data.
7:08	21:08	22:08	2:44				ETA DART 46413	
7:11	21:11	22:11	2:47					Updated forecast model results (scaled with observations from DARTS 21414 & 21413): Shemya 15cm; Crescent City 28cm; Kahului 33cm; Hilo 31cm (max amplitude)
7:11	21:11	22:11	2:47				2nd TWC model run	scaled with DARTS 21414 & 21413
7:15	21:15	22:15	2:51	Phone	PTWC	ATWC		Gave them Shemya wave height
7:16	21:16	22:16	2:52	Message	WEPA40 distribution	JMA	JMA Tsunami Bulletin #2	JMA issues wave height forecasts and tsunami observations for western Pacific locations
7:21	21:21	22:21	2:57	Phone	PRH Comms: Carl Suekawa	PTWC / PRH	Coordination	Need Carl to contact FAA systems in SLC, UTAH to correct the issue of the PTWC bulletins being too lengthy
7:22	21:22	22:22	2:58					Updated forecast model results (scaled with observations from 4 sites): Shemya 21cm; Crescent City 38cm; Kahului 45cm; Hilo 43cm (max amplitude)
7:22	21:22	22:22	2:58				3rd TWC model run	scaled adding DART 46413 & Shemya TG
7:23	21:23	22:23	2:59	Message	WEPA40 distribution	PTWC	PTWC Bulletin #4	Cancel TSUNAMI WARNING in all areas of PTWC responsibility and TSUNAMI WATCH in all areas of PTWC responsibility
7:25-7:35	21:25-21:35	22:25-22:35		Phone	WFO HFO and WFO Guam	PRH/ PTWC		Coordinate on cancellations and recommendations to issue SPS for keeping beaches closed and people out of the water due to strong tides and unusual currents
7:30	21:30	22:30	3:06	Message	WEPA41 distribution	ATWC	ATWC Bulletin #6	Cancel Warning based on scaled model forecast of no inundation danger. Cancellation based on forecast, then convene teleconference to initiate interim near-warning-level threshold procedures. Recommend WFOs issue SPS with appropriate wording about current danger. Reported Hanasaki, Japan 10.0cm; Kushiro, Japan 10.0cm; Sheyma, Alaska 32.0cm (amplitude)
7:30	21:30	22:30	3:06				ETA Atka AK	
7:33	21:33	22:33	3:09	Phone	WFO HFO	PRH / PTWC	Coordination	
7:33	21:33	22:33	3:09	Message	WEHW40 distribution	PTWC	PTWC Hawaii Bulletin #4	Cancel TSUNAMI WATCH for Hawaii
7:33	21:33	22:33	3:09				ETA Adak AK	
7:33	21:33	22:33	3:09				ETA DART 46408	
7:40-8:00	21:40-22:00	22:40-23:00	3:16	Phone	Guam Civil Defense / Saipan EMO/ WSOs Koror, Yap, Pohnpei, Chuuk, Majuro and USAF Base Andersen	WFO Guam		Briefings and recommendations on closed beaches and keeping people out of the water.
7:48	21:48	22:48	3:24			STWC	Malokurilskoe (Shikotan Isl)	max wave is 72 cm (height)
7:49	21:49	22:49	3:25	Message	WEPA40 distribution	JMA	JMA Tsunami Bulletin #3	JMA issues wave height forecasts and tsunami observations for western Pacific locations
7:50	21:50	22:50	3:26		(domestic)	STWC	Cancel Tsunami Warning	
7:57	21:57	22:57	3:33				ETA DART 52401 SAIPAN	
8:00	22:00	23:00	3:36				ETA DART 46402	
8:03	22:03	23:03	3:39			STWC	Malokurilskoe (Shikotan Isl)	max wave is 72 cm (height)
8:05	22:05	23:05	3:41		WFO HFO	PRH / PTWC	Coordination	
8:10	22:10	23:10	3:46				ETA Nikolski AK	
8:16	22:16	23:16	3:52	Email		PMEL		SIFT inversion results: Kahului 26.8cm max (amplitude)
8:23	22:23	23:23	3:59				ETA Midway Island	
8:34	22:34	23:34	4:10				ETA DART 46403	
8:39	22:39	23:39	4:15				ETA Akutan AK	
8:42	22:42	23:42	4:18				ETA Dutch Harbor AK	
8:51	22:51	23:51	4:27	Email		PMEL		SIFT inversion results: Hilo 36.6cm max (amplitude)

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8:54	22:54	23:54	4:30				ETA St. Paul AK	
8:59	22:59	23:59	4:35	Message	(domestic)	JMA	JMA Domestic Tsunami Warning/Advisory #3	JMA issues downgrade of Tsunami Warnings to Advisories for Pacific and Okhotsk coast of Hokkaido, and cancellation of Tsunami Advisory for Japan Sea coast of Hokkaido
9:02	23:02	0:02					ETA Guam	
9:10	23:10	0:10	4:46	Phone	WSO PPG	PRH/ PTWC		Coordination on Tsunami Event - issue a SPS to stay out of the water and away from beaches due to strong tides and currents
9:15	23:15	0:15	4:51				ETA DART 46409	
9:23	23:23	0:23	4:59				ETA DART 52405 GUAM	
9:33	23:33	0:33	5:09				4th TWC model run	scaled adding Midway TG
9:40	23:40	0:40	5:16				ETA DART 46410	
9:44	23:44	0:44	5:20	Message	WEPA40 distribution	PTWC	PTWC Bulletin #5	Sea Level Readings
9:52	23:52	0:52	5:28				5th TWC model run	Updated forecast model results (scaled with observations from 5 sites): Shemya 18cm; Crescent City 34cm; Kahului 41cm; Hilo 38cm (max amplitude)
10:07	0:07	1:07	5:43	Email		PMEL		SIFT inversion results: Kahului (updated) 32.8cm max, Crescent City 29.6cm max (amplitude)
10:18	0:18	1:18	5:54				ETA Hanalei, Kauai	
10:24	0:24	1:24	6:00				ETA Nawiliwili, Kauai	
10:30	0:30	1:30	6:06				ETA Haleiwa, Oahu	
10:31	0:31	1:31	6:07	Email		PMEL		SIFT inversion results: Hilo (updated) 47cm max (amplitude)
10:37	0:37	1:37	6:13				ETA Kalaupapa, Molokai	
10:42	0:42	1:42	6:18				ETA Honolulu, Hawaii	
10:45	0:45	1:45	6:21	Message	(domestic)	JMA	JMA Domestic Tsunami Warning/Advisory #4	JMA issues cancellation of Tsunami Advisory for Okhotsk coast of Hokkaido
10:47	0:47	1:47	6:23				ETA Kahului, Maui	
10:54	0:54	1:54	6:30				ETA DART 51407 HAWAII	
11:14	1:14	2:14	6:50				ETA Hilo Hawaii	
11:22	1:22	2:22	6:58				ETA DART 46419	
11:32	1:32	2:32	7:08				ETA DART 46405	
11:38	1:38	2:38	7:14	Message	WEPA40 distribution	JMA	JMA tsunami observations	JMA issues wave height information at tidal stations in Japan
11:40	1:40	2:40	7:16				ETA DART 46404	
12:00	2:00	3:00	7:36	Phone		ATWC		Reported wave heights from Hawaii, suggested continued SPS
12:02	2:02	3:02	7:38	Message	WEPA40 distribution	JMA	JMA Tsunami Bulletin #5	JMA issues wave height forecasts and tsunami observations for western Pacific locations
12:30	2:30	3:30	8:06	Message	(domestic)	JMA	JMA Domestic Tsunami Warning/Advisory #5	JMA issues cancellation of Tsunami Advisories for Pacific coast of Hokkaido
12:58	2:58	3:58	8:34	Message	WEPA40 distribution	PTWC	PTWC Bulletin #6	Reported sea level readings
13:10	3:10	4:10	8:46	Message	WEPA40 distribution	JMA	JMA Domestic Tsunami Warning/Advisory #6	JMA issues cancellation of all Tsunami Advisories
13:17	3:17	4:17	8:53	Message	WEPA40 distribution	JMA	JMA tsunami observations	JMA issues wave height information at tidal stations in Japan (final)