

TSUNAMI BULLETIN NUMBER 002
 PACIFIC TSUNAMI WARNING CENTER/NOAA/NWS
 ISSUED AT 0745Z 27 FEB 2010

FOTOCOPIA AUTORIZADA

THIS BULLETIN APPLIES TO AREAS WITHIN AND BORDERING THE PACIFIC OCEAN AND ADJACENT SEAS...EXCEPT ALASKA...BRITISH COLUMBIA... WASHINGTON...OREGON AND CALIFORNIA.

... A TSUNAMI WARNING AND WATCH ARE IN EFFECT ...

A TSUNAMI WARNING IS IN EFFECT FOR

CHILE / PERU

A TSUNAMI WATCH IS IN EFFECT FOR

ECUADOR / COLOMBIA / ANTARCTICA / PANAMA / COSTA RICA

FOR ALL OTHER AREAS COVERED BY THIS BULLETIN... IT IS FOR INFORMATION ONLY AT THIS TIME.

THIS BULLETIN IS ISSUED AS ADVICE TO GOVERNMENT AGENCIES. ONLY NATIONAL AND LOCAL GOVERNMENT AGENCIES HAVE THE AUTHORITY TO MAKE DECISIONS REGARDING THE OFFICIAL STATE OF ALERT IN THEIR AREA AND ANY ACTIONS TO BE TAKEN IN RESPONSE.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0634Z 27 FEB 2010
 COORDINATES - 36.1 SOUTH 72.6 WEST
 DEPTH - 55 KM
 LOCATION - NEAR COAST OF CENTRAL CHILE
 MAGNITUDE - 8.6

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION	LAT	LOX	TIME	AMPL	PER
VALPARAISO CL	33.0S	71.6W	0708Z	1.29M / 4.2FT	20MIN
TALCAHUANO CL	36.7S	73.4W	0652Z	1.15M / 3.8FT	46MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)
 LON - LONGITUDE (E-EAST, W-WEST)
 TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)
 AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.
 IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.
 VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).
 PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

EVALUATION

SEA LEVEL READINGS INDICATE A TSUNAMI WAS GENERATED. IT MAY HAVE BEEN DESTRUCTIVE ALONG COASTS NEAR THE EARTHQUAKE EPICENTER AND COULD ALSO BE A THREAT TO MORE DISTANT COASTS. AUTHORITIES SHOULD TAKE APPROPRIATE ACTION IN RESPONSE TO THIS POSSIBILITY. THIS CENTER WILL CONTINUE TO MONITOR SEA LEVEL DATA TO DETERMINE THE EXTENT AND SEVERITY OF THE THREAT.

FOR ALL AREAS - WHEN NO MAJOR WAVES ARE OBSERVED FOR TWO HOURS AFTER THE ESTIMATED TIME OF ARRIVAL OR DAMAGING WAVES HAVE NOT OCCURRED FOR AT LEAST TWO HOURS THEN LOCAL AUTHORITIES CAN ASSUME THE THREAT IS PASSED. DANGER TO BOATS AND COASTAL STRUCTURES CAN CONTINUE FOR SEVERAL HOURS DUE TO RAPID CURRENTS. AS LOCAL CONDITIONS CAN CAUSE A WIDE VARIATION IN TSUNAMI WAVE ACTION THE ALL CLEAR DETERMINATION MUST BE MADE BY LOCAL AUTHORITIES.



FOTOCOPIA AUTORIZA

ESTIMATED INITIAL TSUNAMI WAVE ARRIVAL TIMES AT FORECAST POINTS WITHIN THE WARNING AND WATCH AREAS ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES OF WAVES AND THE TIME BETWEEN SUCCESSIVE WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	FORECAST POINT	COORDINATES	ARRIVAL TIME	
CHILE	TALCAHUANO	36.7S 73.1W	0729Z 27 FEB	
	VALPARAISO	33.0S 71.6W	0739Z 27 FEB	
	COQUIMBO	29.9S 71.3W	0801Z 27 FEB	
	CORRAL	39.8S 73.5W	0810Z 27 FEB	
	CALDERA	27.1S 70.8W	0821Z 27 FEB	
	ANTOFAGASTA	23.3S 70.4W	0844Z 27 FEB	
	IQUIQUE	20.2S 70.1W	0911Z 27 FEB	
	ARICA	18.5S 70.3W	0929Z 27 FEB	
	GOLFO DE PENAS	47.1S 74.9W	0934Z 27 FEB	
	PUERTO MONTT	41.5S 73.0W	1052Z 27 FEB	
	EASTER IS.	27.1S 109.4W	1205Z 27 FEB	
	PERU	PUNTA ARENAS	53.2S 70.9W	1213Z 27 FEB
		MOLLENDO	17.1S 72.0W	0936Z 27 FEB
		SAN JUAN	15.3S 75.2W	0952Z 27 FEB
LA PUNTA		12.1S 77.2W	1045Z 27 FEB	
PIMENTAL		6.9S 80.0W	1114Z 27 FEB	
TALARA		4.6S 81.5W	1127Z 27 FEB	
ECUADOR	CHIMBOTE	9.0S 78.8W	1132Z 27 FEB	
	LA LIBERTAD	2.2S 81.2W	1202Z 27 FEB	
	ESMERELDAS	1.2N 79.8W	1234Z 27 FEB	
COLOMBIA	BALTRA IS.	0.5S 90.3W	1313Z 27 FEB	
	TUMACO	1.8N 78.9W	1253Z 27 FEB	
	BAHIA SOLANO	6.3N 77.4W	1327Z 27 FEB	
ANTARCTICA	BUENAVENTURA	3.8N 77.2W	1340Z 27 FEB	
	THURSTON IS.	72.0S 100.0W	1312Z 27 FEB	
PANAMA	PUERTO PINA	7.4N 78.1W	1331Z 27 FEB	
	PUNTA MALA	7.5N 79.9W	1334Z 27 FEB	
COSTA RICA	PUNTA BURICA	8.0N 82.8W	1340Z 27 FEB	
	CABO MATAPALO	8.4N 83.3W	1344Z 27 FEB	

BULLETINS WILL BE ISSUED HOURLY OR SOONER IF CONDITIONS WARRANT. THE TSUNAMI WARNING AND WATCH WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

THE WEST COAST/ALASKA TSUNAMI WARNING CENTER WILL ISSUE PRODUCTS FOR ALASKA...BRITISH COLUMBIA...WASHINGTON...OREGON...CALIFORNIA.

**AUTENTICIDAD**