

ZCZC
WEPA40 PHEB 010008
TSUPAC

TSUNAMI MESSAGE NUMBER 1
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
0008 UCT WED OCT 1 2014

...TSUNAMI THREAT MESSAGE...

**** NOTICE **** NOTICE **** NOTICE **** NOTICE **** NOTICE ****

THIS MESSAGE IS ISSUED FOR INFORMATION ONLY IN SUPPORT OF THE
UNESCO/IOC PACIFIC TSUNAMI WARNING AND MITIGATION SYSTEM AND IS
MEANT FOR NATIONAL AUTHORITIES IN EACH COUNTRY OF THAT SYSTEM.

NATIONAL AUTHORITIES WILL DETERMINE THE APPROPRIATE LEVEL OF
ALERT FOR EACH COUNTRY AND MAY ISSUE ADDITIONAL OR MORE REFINED
INFORMATION.

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PRELIMINARY EARTHQUAKE PARAMETERS

* MAGNITUDE	8.6
* ORIGIN TIME	0000 UTC OCT 1 2014
* COORDINATES	44.2 NORTH 149.2 EAST
* DEPTH	20 KM / 12 MILES
* LOCATION	EAST OF THE KURIL ISLANDS

EVALUATION

- * AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.6 OCCURRED
EAST OF THE KURIL ISLANDS AT 0000 UTC ON WEDNESDAY OCTOBER 1
2014.
- * BASED ON THE PRELIMINARY EARTHQUAKE PARAMETERS... HAZARDOUS
TSUNAMI WAVES ARE POSSIBLE FOR SOME COASTS.

TSUNAMI THREAT FORECAST

- * HAZARDOUS TSUNAMI WAVES ARE POSSIBLE WITHIN THE NEXT THREE

HOURS ALONG SOME COASTS OF

JAPAN AND RUSSIA

- * OTHER AREAS NOT MENTIONED ABOVE SHOULD REMAIN ALERT IN CASE THE TSUNAMI THREAT IS EXTENDED TO THEIR COAST.
- * A MORE QUANTITATIVE TSUNAMI FORECAST IS NOT YET AVAILABLE DUE TO INSUFFICIENT INFORMATION ABOUT THE EARTHQUAKE AND TSUNAMI. THE SITUATION IS STILL BEING ANALYZED AND A MORE QUANTITATIVE FORECAST WILL BE PROVIDED AS SOON AS POSSIBLE.

RECOMMENDED ACTIONS

- * GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION... PROCEDURES AND THE LEVEL OF THREAT.
- * PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

ESTIMATED TIMES OF ARRIVAL

- * ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE OVER THE NEXT SIX HOURS. OBSERVED ARRIVAL TIMES MAY DIFFER AND THE INITIAL WAVE MAY NOT BE THE LARGEST.

LOCATION	REGION	COORDINATES	ETA(UTC)
KUSHIRO	JAPAN	42.9N 144.3E	0049 10/01
HACHINOHE	JAPAN	40.5N 141.5E	0129 10/01
KATSUURA	JAPAN	35.1N 140.3E	0139 10/01
HACHIJO JIMA	JAPAN	33.1N 139.8E	0151 10/01
SEVERO KURILSK	RUSSIA	50.8N 156.1E	0153 10/01
PETROPAVLOVSK	RUSSIA	53.2N 159.6E	0154 10/01
UST KAMCHATSK	RUSSIA	56.1N 162.6E	0159 10/01
CHICHI JIMA	JAPAN	27.0N 142.3E	0220 10/01
MEDNNY ISLAND	RUSSIA	54.7N 167.4E	0221 10/01
OSTROV KARAGINS	RUSSIA	58.8N 164.5E	0226 10/01
MINAMITORISHIMA	MINAMITORISHIMA	24.3N 154.0E	0238 10/01
SAPPORO	JAPAN	43.5N 141.0E	0257 10/01
SHIMIZU	JAPAN	32.8N 133.0E	0301 10/01
NOBEOKA	JAPAN	32.5N 131.8E	0308 10/01
NIIGATA	JAPAN	38.0N 139.0E	0316 10/01

GASTELLO	RUSSIA	49.1N	143.0E	0317	10/01
VLADIVOSTOK	RUSSIA	42.8N	132.0E	0331	10/01
WAKE ISLAND	WAKE ISLAND	19.3N	166.6E	0351	10/01
SAIPAN	NORTHERN MARIANA	15.3N	145.8E	0357	10/01
GUAM	GUAM	13.4N	144.7E	0414	10/01
MIDWAY ISLAND	MIDWAY ISLAND	28.2N	177.4W	0415	10/01
SHIMANE	JAPAN	35.8N	133.0E	0415	10/01
OKINAWA	JAPAN	26.2N	127.8E	0417	10/01
HUALIEN	TAIWAN	24.0N	121.7E	0436	10/01
TAITUNG	TAIWAN	22.7N	121.2E	0441	10/01
ENIWETOK	MARSHALL ISLANDS	11.4N	162.3E	0449	10/01
YAP ISLAND	YAP	9.5N	138.1E	0449	10/01
NAGASAKI	JAPAN	32.7N	129.7E	0450	10/01
VANINO	RUSSIA	49.0N	140.4E	0456	10/01
PALANAN	PHILIPPINES	17.1N	122.6E	0459	10/01
CHILUNG	TAIWAN	25.2N	121.8E	0509	10/01
POHNPEI ISLAND	POHNPEI	7.0N	158.2E	0511	10/01
KWAJALEIN	MARSHALL ISLANDS	8.7N	167.7E	0519	10/01
KOSRAE ISLAND	KOSRAE	5.5N	163.0E	0525	10/01
MALAKAL	PALAU	7.3N	134.5E	0529	10/01
LEGASPI	PHILIPPINES	13.2N	123.8E	0530	10/01
CHUUK ISLAND	CHUUK	7.4N	151.8E	0535	10/01
MAJURO	MARSHALL ISLANDS	7.1N	171.4E	0551	10/01
GEME	INDONESIA	4.6N	126.8E	0554	10/01
DAVAO	PHILIPPINES	6.8N	125.7E	0557	10/01
JOHNSTON ISLAND	JOHNSTON ISLAND	16.7N	169.5W	0558	10/01
BEREBERE	INDONESIA	2.5N	128.7E	0602	10/01
UST KAHYRYUZOV0	RUSSIA	57.1N	156.7E	0602	10/01

POTENTIAL IMPACTS

- * A TSUNAMI IS A SERIES OF WAVES. THE TIME BETWEEN WAVE CRESTS CAN VARY FROM 5 MINUTES TO AN HOUR. THE HAZARD MAY PERSIST FOR MANY HOURS OR LONGER AFTER THE INITIAL WAVE.
- * IMPACTS CAN VARY SIGNIFICANTLY FROM ONE SECTION OF COAST TO THE NEXT DUE TO LOCAL BATHYMETRY AND THE SHAPE AND ELEVATION OF THE SHORELINE.
- * IMPACTS CAN ALSO VARY DEPENDING UPON THE STATE OF THE TIDE AT THE TIME OF THE MAXIMUM TSUNAMI WAVES.
- * PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

NEXT UPDATE AND ADDITIONAL INFORMATION

- * THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.
- * AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN SMALL LETTERS-.
- * FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT PTWC.WEATHER.GOV AND AT WWW.TSUNAMI.GOV.
- * COASTAL REGIONS OF HAWAII... AMERICAN SAMOA... GUAM... AND CNMI SHOULD REFER TO PACIFIC TSUNAMI WARNING CENTER MESSAGES FOR THOSE PLACES THAT CAN BE FOUND AT PTWC.WEATHER.GOV.
- * COASTAL REGIONS OF CALIFORNIA... OREGON... WASHINGTON... BRITISH COLUMBIA AND ALASKA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT NTWC.ARH.NOAA.GOV.

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PTWC Coastal Tsunami Amplitude Forecast Polygons

Actual amplitudes at the coast may vary from forecast amplitudes due to uncertainties in the forecast and local features. In particular, maximum tsunami amplitudes on atolls will likely be much smaller than the forecast indicates.

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Earthquake:

01 Oct 2014
00:00:00 Z
Lat: 44.20°N
Lon: 149.20°E
Depth: 20 km
 M_w : 9.00

Determined
Earthquake
Mechanism:



Maximum Amplitude (m)

> 3 m

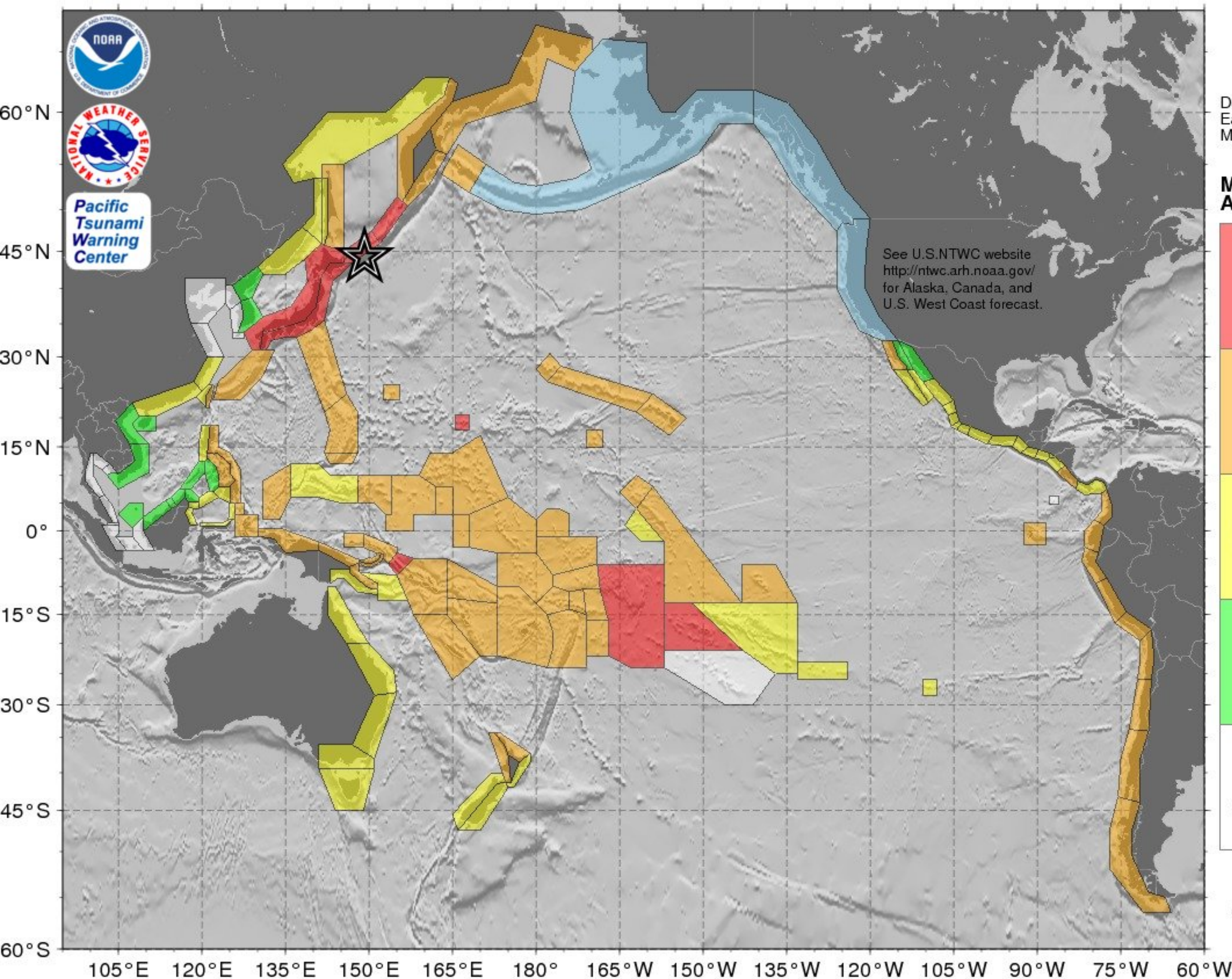
1 - 3 m

0.3 - 1 m

< 0.3 m

*Threat
Not
Computed*

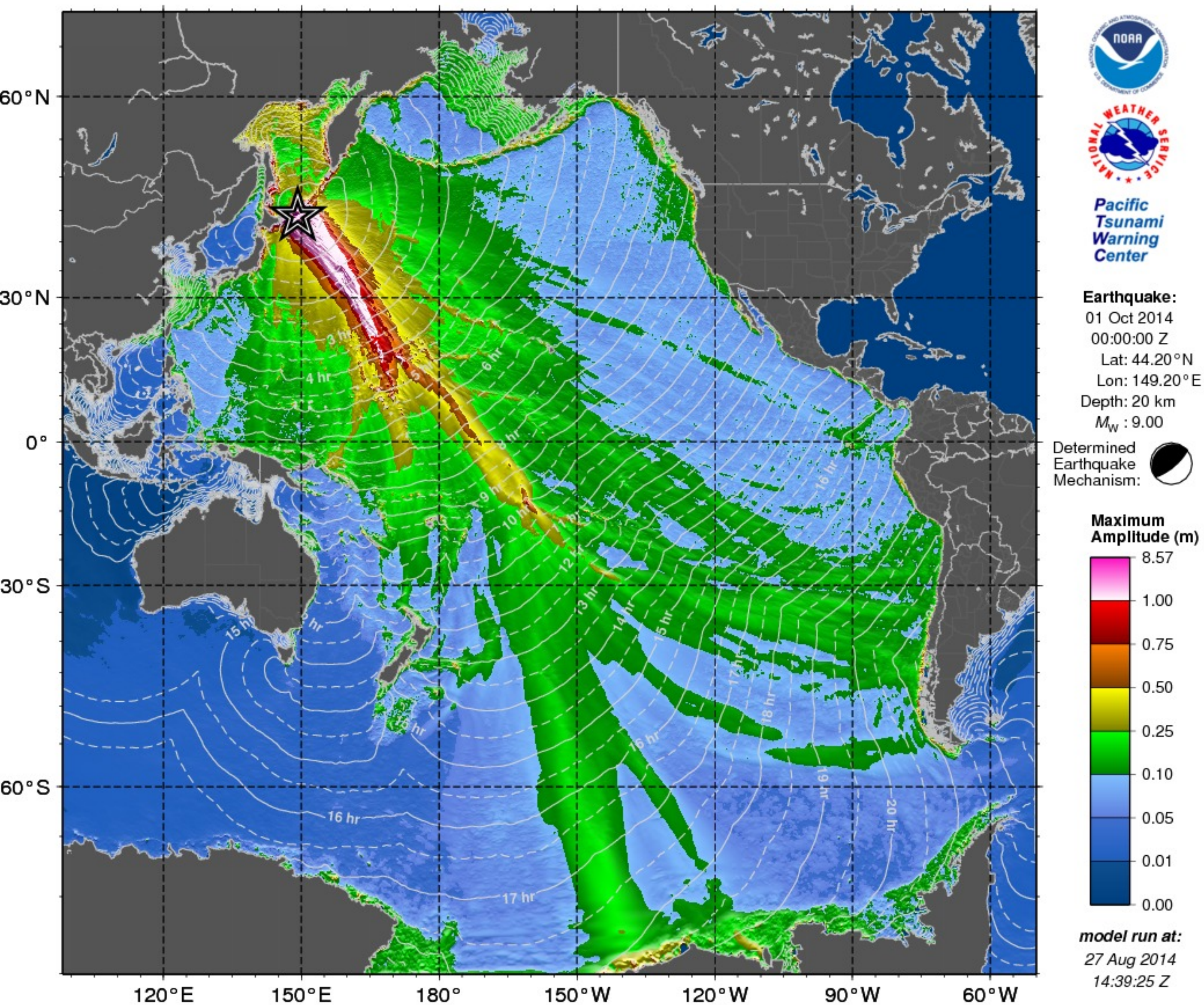
model run at:
27 Aug 2014
14:39:25 Z



PTWC Deep-Ocean Tsunami Amplitude Forecast

This map should not be used to estimate coastal tsunami amplitudes or impacts. Deep-ocean amplitudes are usually much smaller than coastal amplitudes.

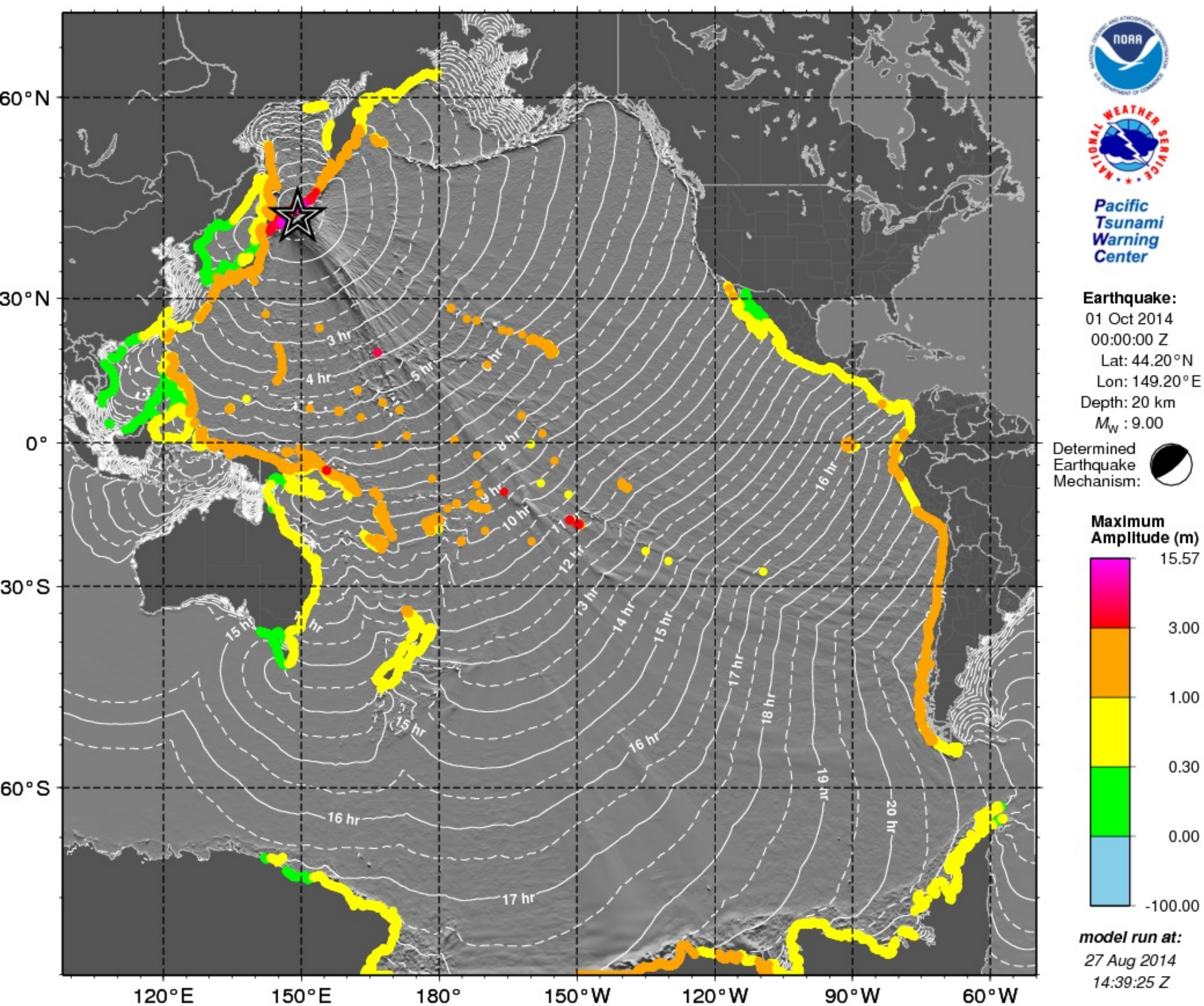
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ZCZC
WEPA40 PHEB 010040
TSUPAC

TSUNAMI MESSAGE NUMBER 2
NWS PACIFIC TSUNAMI WARNING CENTER EWA BEACH HI
0040 UCT WED OCT 1 2014

...TSUNAMI THREAT MESSAGE...

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PRELIMINARY EARTHQUAKE PARAMETERS

* MAGNITUDE	9.0
* ORIGIN TIME	0000 UTC OCT 1 2014
* COORDINATES	44.2 NORTH 149.2 EAST
* DEPTH	20 KM / 12 MILES
* LOCATION	EAST OF THE KURIL ISLANDS

EVALUATION

- * AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 9.0 OCCURRED
EAST OF THE KURIL ISLANDS AT 0000 UTC ON WEDNESDAY OCTOBER 1
2014.
- * BASED ON THE PRELIMINARY EARTHQUAKE PARAMETERS... HAZARDOUS
TSUNAMI WAVES ARE FORECAST FOR SOME COASTS.

TSUNAMI THREAT FORECAST...UPDATED

- * TSUNAMI WAVES REACHING MORE THAN 3 METERS ABOVE THE TIDE

LEVEL ARE POSSIBLE ALONG SOME COASTS OF

JAPAN... COOK ISLANDS... FRENCH POLYNESIA... WAKE ISLAND...
PAPUA NEW GUINEA... AND RUSSIA.

- * TSUNAMI WAVES REACHING 1 TO 3 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE ALONG SOME COASTS OF

MEXICO... COSTA RICA... COLOMBIA... ECUADOR... PERU...
CHILE... ANTARCTICA... PHILIPPINES... NEW CALEDONIA... NEW
ZEALAND... TAIWAN... NORTHERN MARIANAS... GUAM... PALAU...
POHNPEI... CHUUK... KOSRAE... MARSHALL ISLANDS... FIJI...
SAMOA... AMERICAN SAMOA... TOKELAU... VANUATU... KIRIBATI...
NAURU... MIDWAY ISLAND... JOHNSTON ATOLL... PALMYRA ISLAND...
HOWLAND AND BAKER... TONGA... TUVALU... WALLIS AND FUTUNA...
NIUE... SOLOMON ISLANDS... INDONESIA... HAWAII... AND
NORTHWESTERN HAWAIIAN ISLANDS.

- * TSUNAMI WAVES REACHING 0.3 TO 1 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE FOR SOME COASTS OF

EL SALVADOR... GUATEMALA... HONDURAS... NICARAGUA...
PANAMA... AUSTRALIA... CHINA... YAP... JARVIS ISLAND... PITCAIRN
ISLANDS... AND MALAYSIA.

- * TSUNAMI WAVES LESS THAN 0.3 METERS ABOVE THE TIDE LEVEL ARE POSSIBLE FOR SOME COASTS OF

REPUBLIC OF KOREA... DPR OF KOREA... VIETNAM... AND BRUNEI.

- * ACTUAL AMPLITUDES AT THE COAST MAY VARY FROM FORECAST AMPLITUDES DUE TO UNCERTAINTIES IN THE FORECAST AND LOCAL FEATURES. IN PARTICULAR MAXIMUM TSUNAMI AMPLITUDES ON ATOLLS WILL LIKELY BE MUCH SMALLER THAN THE FORECAST INDICATES.
- * FOR OTHER AREAS COVERED BY THIS PRODUCT A FORECAST HAS NOT YET BEEN COMPUTED. THE FORECAST WILL BE EXPANDED AS NECESSARY IN SUBSEQUENT PRODUCTS.

RECOMMENDED ACTIONS

- * GOVERNMENT AGENCIES RESPONSIBLE FOR THREATENED COASTAL AREAS SHOULD TAKE ACTION TO INFORM AND INSTRUCT ANY COASTAL POPULATIONS AT RISK IN ACCORDANCE WITH THEIR OWN EVALUATION...

PROCEDURES AND THE LEVEL OF THREAT.

- * PERSONS LOCATED IN THREATENED COASTAL AREAS SHOULD STAY ALERT FOR INFORMATION AND FOLLOW INSTRUCTIONS FROM NATIONAL AND LOCAL AUTHORITIES.

ESTIMATED TIMES OF ARRIVAL

- * ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE FOR POINTS WITHIN THREATENED REGIONS 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 WAVES CAN BE FIVE MINUTES TO ONE HOUR.

LOCATION	REGION	COORDINATES	ETA(UTC)
KUSHIRO	JAPAN	42.9N 144.3E	0049 10/01
HACHINOHE	JAPAN	40.5N 141.5E	0129 10/01
KATSUURA	JAPAN	35.1N 140.3E	0139 10/01
HACHIJO JIMA	JAPAN	33.1N 139.8E	0151 10/01
SEVERO KURILSK	RUSSIA	50.8N 156.1E	0153 10/01
PETROPAVLOVSK	RUSSIA	53.2N 159.6E	0154 10/01
UST KAMCHATSK	RUSSIA	56.1N 162.6E	0159 10/01
CHICHI JIMA	JAPAN	27.0N 142.3E	0220 10/01
MEDNNY ISLAND	RUSSIA	54.7N 167.4E	0221 10/01
OSTROV KARAGINS	RUSSIA	58.8N 164.5E	0226 10/01
MINAMITORISHIMA	MINAMITORISHIMA	24.3N 154.0E	0238 10/01
SAPPORO	JAPAN	43.5N 141.0E	0257 10/01
SHIMIZU	JAPAN	32.8N 133.0E	0301 10/01
NOBEOKA	JAPAN	32.5N 131.8E	0308 10/01
NIIGATA	JAPAN	38.0N 139.0E	0316 10/01
GASTELLO	RUSSIA	49.1N 143.0E	0317 10/01
VLADIVOSTOK	RUSSIA	42.8N 132.0E	0331 10/01
WAKE ISLAND	WAKE ISLAND	19.3N 166.6E	0351 10/01
SAIPAN	NORTHERN MARIANA	15.3N 145.8E	0357 10/01
GUAM	GUAM	13.4N 144.7E	0414 10/01
MIDWAY ISLAND	MIDWAY ISLAND	28.2N 177.4W	0415 10/01
SHIMANE	JAPAN	35.8N 133.0E	0415 10/01
OKINAWA	JAPAN	26.2N 127.8E	0417 10/01
HUALIEN	TAIWAN	24.0N 121.7E	0436 10/01
TAITUNG	TAIWAN	22.7N 121.2E	0441 10/01
ENIWETOK	MARSHALL ISLANDS	11.4N 162.3E	0449 10/01
YAP ISLAND	YAP	9.5N 138.1E	0449 10/01
NAGASAKI	JAPAN	32.7N 129.7E	0450 10/01
VANINO	RUSSIA	49.0N 140.4E	0456 10/01
PALANAN	PHILIPPINES	17.1N 122.6E	0459 10/01
CHILUNG	TAIWAN	25.2N 121.8E	0509 10/01
POHNPEI ISLAND	POHNPEI	7.0N 158.2E	0511 10/01

KWAJALEIN	MARSHALL ISLANDS	8.7N	167.7E	0519	10/01
KOSRAE ISLAND	KOSRAE	5.5N	163.0E	0525	10/01
MALAKAL	PALAU	7.3N	134.5E	0529	10/01
LEGASPI	PHILIPPINES	13.2N	123.8E	0530	10/01
CHUUK ISLAND	CHUUK	7.4N	151.8E	0535	10/01
MAJURO	MARSHALL ISLANDS	7.1N	171.4E	0551	10/01
GEME	INDONESIA	4.6N	126.8E	0554	10/01
DAVAO	PHILIPPINES	6.8N	125.7E	0557	10/01
JOHNSTON ISLAND	JOHNSTON ISLAND	16.7N	169.5W	0558	10/01
BEREBERE	INDONESIA	2.5N	128.7E	0602	10/01
UST KAHYRYUZOVO	RUSSIA	57.1N	156.7E	0602	10/01
OKHOTSK	RUSSIA	59.3N	143.3E	0609	10/01
ALEXANDROVSK SA	RUSSIA	50.9N	142.1E	0611	10/01
WARSA	INDONESIA	0.6S	135.8E	0614	10/01
TABUKAN TENGAH	INDONESIA	3.6N	125.6E	0620	10/01
MANOKWARI	INDONESIA	0.8S	134.2E	0622	10/01
NAURU	NAURU	0.5S	166.9E	0626	10/01
KAVIENG	PAPUA NEW GUINEA	2.5S	150.7E	0626	10/01
MANUS ISLAND	PAPUA NEW GUINEA	2.0S	147.5E	0627	10/01
PATANI	INDONESIA	0.4N	128.8E	0628	10/01
VANIMO	PAPUA NEW GUINEA	2.6S	141.3E	0638	10/01
JAYAPURA	INDONESIA	2.4S	140.8E	0639	10/01
SORONG	INDONESIA	0.8S	131.1E	0640	10/01
WEWAK	PAPUA NEW GUINEA	3.5S	143.6E	0650	10/01
RABAU	PAPUA NEW GUINEA	4.2S	152.3E	0656	10/01
TARAWA ISLAND	KIRIBATI	1.5N	173.0E	0659	10/01
HOWLAND ISLAND	HOWLAND AND BAKE	0.6N	176.6W	0706	10/01
KIETA	PAPUA NEW GUINEA	6.1S	155.6E	0707	10/01
ULAMONA	PAPUA NEW GUINEA	5.0S	151.3E	0709	10/01
AMUN	PAPUA NEW GUINEA	6.0S	154.7E	0714	10/01
MADANG	PAPUA NEW GUINEA	5.2S	145.8E	0719	10/01
PANGGOE	SOLOMON ISLANDS	6.9S	157.2E	0723	10/01
FALAMAE	SOLOMON ISLANDS	7.4S	155.6E	0725	10/01
WOODLARK ISLAND	PAPUA NEW GUINEA	9.0S	152.9E	0726	10/01
MUNDA	SOLOMON ISLANDS	8.4S	157.2E	0742	10/01
GHATERE	SOLOMON ISLANDS	7.8S	159.2E	0745	10/01
PALMYRA ISLAND	PALMYRA ISLAND	5.9N	162.1W	0748	10/01
WENZHO	CHINA	27.8N	121.2E	0751	10/01
KANTON ISLAND	KIRIBATI	2.8S	171.7W	0752	10/01
FUNAFUTI ISLAND	TUVALU	7.9S	178.5E	0753	10/01
LAE	PAPUA NEW GUINEA	6.8S	147.0E	0756	10/01
AUKI	SOLOMON ISLANDS	8.8S	160.6E	0757	10/01
KIRAKIRA	SOLOMON ISLANDS	10.4S	161.9E	0801	10/01
QUANZHOU	CHINA	24.8N	118.8E	0812	10/01
HONIARA	SOLOMON ISLANDS	9.3S	160.0E	0817	10/01
SANTA CRUZ ISLA	SOLOMON ISLANDS	10.9S	165.9E	0819	10/01
NUKUNONU ISLAND	TOKELAU	9.2S	171.8W	0832	10/01
JARVIS ISLAND	JARVIS ISLAND	0.4S	160.1W	0834	10/01
CHRISTMAS ISLAN	KIRIBATI	2.0N	157.5W	0844	10/01
ESPERITU SANTO	VANUATU	15.1S	167.3E	0850	10/01

WALLIS ISLAND	WALLIS AND FUTUN	13.3S	176.3W	0850	10/01
FUTUNA ISLAND	WALLIS AND FUTUN	14.3S	178.2W	0904	10/01
APIA	SAMOA	13.8S	171.8W	0908	10/01
PUKAPUKA ISLAND	COOK ISLANDS	10.8S	165.9W	0915	10/01
PAGO PAGO	AMERICAN SAMOA	14.3S	170.7W	0915	10/01
MALDEN ISLAND	KIRIBATI	3.9S	154.9W	0926	10/01
PORT MORESBY	PAPUA NEW GUINEA	9.3S	146.9E	0932	10/01
PENRYN ISLAND	COOK ISLANDS	8.9S	157.8W	0937	10/01
ANATOM ISLAND	VANUATU	20.2S	169.9E	0946	10/01
NIUE ISLAND	NIUE	19.0S	170.0W	0950	10/01
ENSENADA	MEXICO	31.8N	116.8W	1002	10/01
SUVA	FIJI	18.1S	178.4E	1004	10/01
NUKUALOFA	TONGA	21.0S	175.2W	1020	10/01
NOUMEA	NEW CALEDONIA	22.3S	166.5E	1024	10/01
FLINT ISLAND	KIRIBATI	11.4S	151.8W	1024	10/01
CAIRNS	AUSTRALIA	16.7S	145.8E	1030	10/01
RAROTONGA	COOK ISLANDS	21.2S	159.8W	1049	10/01
PUNTA ABREOJOS	MEXICO	26.7N	113.6W	1051	10/01
PAPEETE	FRENCH POLYNESIA	17.5S	149.6W	1118	10/01
BRISBANE	AUSTRALIA	27.2S	153.3E	1122	10/01
CABO SAN LUCAS	MEXICO	22.8N	110.0W	1128	10/01
HIVA OA	FRENCH POLYNESIA	10.0S	139.0W	1146	10/01
SYDNEY	AUSTRALIA	33.9S	151.4E	1153	10/01
NORTH CAPE	NEW ZEALAND	34.4S	173.3E	1157	10/01
MAZATLAN	MEXICO	23.2N	106.4W	1217	10/01
PUERTO VALLARTA	MEXICO	20.6N	105.3W	1225	10/01
GLADSTONE	AUSTRALIA	23.8S	151.4E	1232	10/01
EAST CAPE	NEW ZEALAND	37.7S	178.5E	1238	10/01
MANZANILLO	MEXICO	19.1N	104.3W	1243	10/01
GISBORNE	NEW ZEALAND	38.7S	178.0E	1244	10/01
SAN BLAS	MEXICO	21.5N	105.3W	1249	10/01
AUCKLAND WEST	NEW ZEALAND	37.1S	174.2E	1258	10/01
LAZARO CARDENAS	MEXICO	17.9N	102.2W	1303	10/01
WELLINGTON	NEW ZEALAND	41.3S	174.8E	1308	10/01
MACKAY	AUSTRALIA	21.1S	149.3E	1313	10/01
ACAPULCO	MEXICO	16.9N	99.9W	1317	10/01
RIKITEA	FRENCH POLYNESIA	23.1S	135.0W	1325	10/01
HOBART	AUSTRALIA	43.3S	147.6E	1328	10/01
NAPIER	NEW ZEALAND	39.5S	176.9E	1332	10/01
AUCKLAND EAST	NEW ZEALAND	36.7S	175.0E	1340	10/01
MILFORD SOUND	NEW ZEALAND	44.6S	167.9E	1342	10/01
NEW PLYMOUTH	NEW ZEALAND	39.1S	174.1E	1343	10/01
PITCAIRN ISLAND	PITCAIRN	25.1S	130.1W	1412	10/01
WESTPORT	NEW ZEALAND	41.8S	171.6E	1422	10/01
SALINA CRUZ	MEXICO	16.5N	95.2W	1437	10/01
DUNEDIN	NEW ZEALAND	45.9S	170.5E	1444	10/01
PUERTO MADERO	MEXICO	14.8N	92.5W	1453	10/01
SIPIATE	GUATEMALA	13.9N	91.2W	1509	10/01
ACAJUTLA	EL SALVADOR	13.6N	89.8W	1515	10/01
LYTTELTON	NEW ZEALAND	43.6S	172.7E	1518	10/01

CABO SAN ELENA	COSTA RICA	10.9N	86.0W	1527	10/01
CORINTO	NICARAGUA	12.5N	87.2W	1536	10/01
PUERTO SANDINO	NICARAGUA	12.2N	86.8W	1542	10/01
SAN JUAN DL SUR	NICARAGUA	11.2N	85.9W	1552	10/01
PUERTO QUEPOS	COSTA RICA	9.4N	84.2W	1554	10/01
CABO MATAPALO	COSTA RICA	8.4N	83.3W	1556	10/01
PUNTA BURICA	PANAMA	8.0N	82.9W	1606	10/01
AMAPALA	HONDURAS	13.2N	87.6W	1612	10/01
BLUFF	NEW ZEALAND	46.6S	168.3E	1615	10/01
NELSON	NEW ZEALAND	41.3S	173.3E	1632	10/01
EASTER ISLAND	CHILE	27.1S	109.4W	1640	10/01
PUNTA MALA	PANAMA	7.5N	80.0W	1652	10/01
BALTRA ISLAND	ECUADOR	0.5S	90.3W	1654	10/01
PUERTO PINA	PANAMA	7.4N	78.0W	1703	10/01
BAHIA SOLANO	COLOMBIA	6.3N	77.4W	1706	10/01
CAPE ADARE	ANTARCTICA	71.0S	170.0E	1719	10/01
ESMERELDAS	ECUADOR	1.2N	79.8W	1721	10/01
TUMACO	COLOMBIA	1.8N	78.9W	1730	10/01
LA LIBERTAD	ECUADOR	2.2S	81.2W	1743	10/01
BUENAVENTURA	COLOMBIA	3.8N	77.2W	1749	10/01
TALARA	PERU	4.6S	81.5W	1757	10/01
PIMENTAL	PERU	6.9S	80.0W	1902	10/01
LA PUNTA	PERU	12.1S	77.2W	1903	10/01
CHIMBOTE	PERU	9.0S	78.8W	1908	10/01
BALBOA HEIGHTS	PANAMA	9.0N	79.6W	1913	10/01
SAN JUAN	PERU	15.3S	75.2W	1917	10/01
THURSTON ISLAND	ANTARCTICA	72.0S	100.0W	1944	10/01
MOLLENDO	PERU	17.1S	72.0W	1950	10/01
ARICA	CHILE	18.5S	70.3W	2008	10/01
IQUIQUE	CHILE	20.2S	70.1W	2013	10/01
ANTOFAGASTA	CHILE	23.3S	70.4W	2021	10/01
CALDERA	CHILE	27.1S	70.8W	2040	10/01
COQUIMBO	CHILE	29.9S	71.4W	2050	10/01
VALPARAISO	CHILE	33.0S	71.6W	2104	10/01
TALCAHUANO	CHILE	36.7S	73.1W	2126	10/01
GOLFO DE PENAS	CHILE	47.1S	74.9W	2139	10/01
CORRAL	CHILE	39.8S	73.5W	2145	10/01
PUERTO MONTT	CHILE	41.5S	73.0W	0016	10/02

POTENTIAL IMPACTS

- * A TSUNAMI IS A SERIES OF WAVES. THE TIME BETWEEN WAVE CRESTS CAN VARY FROM 5 MINUTES TO AN HOUR. THE HAZARD MAY PERSIST FOR MANY HOURS OR LONGER AFTER THE INITIAL WAVE.
- * IMPACTS CAN VARY SIGNIFICANTLY FROM ONE SECTION OF COAST TO THE NEXT DUE TO LOCAL BATHYMETRY AND THE SHAPE AND ELEVATION OF THE SHORELINE.

- * IMPACTS CAN ALSO VARY DEPENDING UPON THE STATE OF THE TIDE AT THE TIME OF THE MAXIMUM TSUNAMI WAVES.
- * PERSONS CAUGHT IN THE WATER OF A TSUNAMI MAY DROWN... BE CRUSHED BY DEBRIS IN THE WATER... OR BE SWEEPED OUT TO SEA.

NEXT UPDATE AND ADDITIONAL INFORMATION

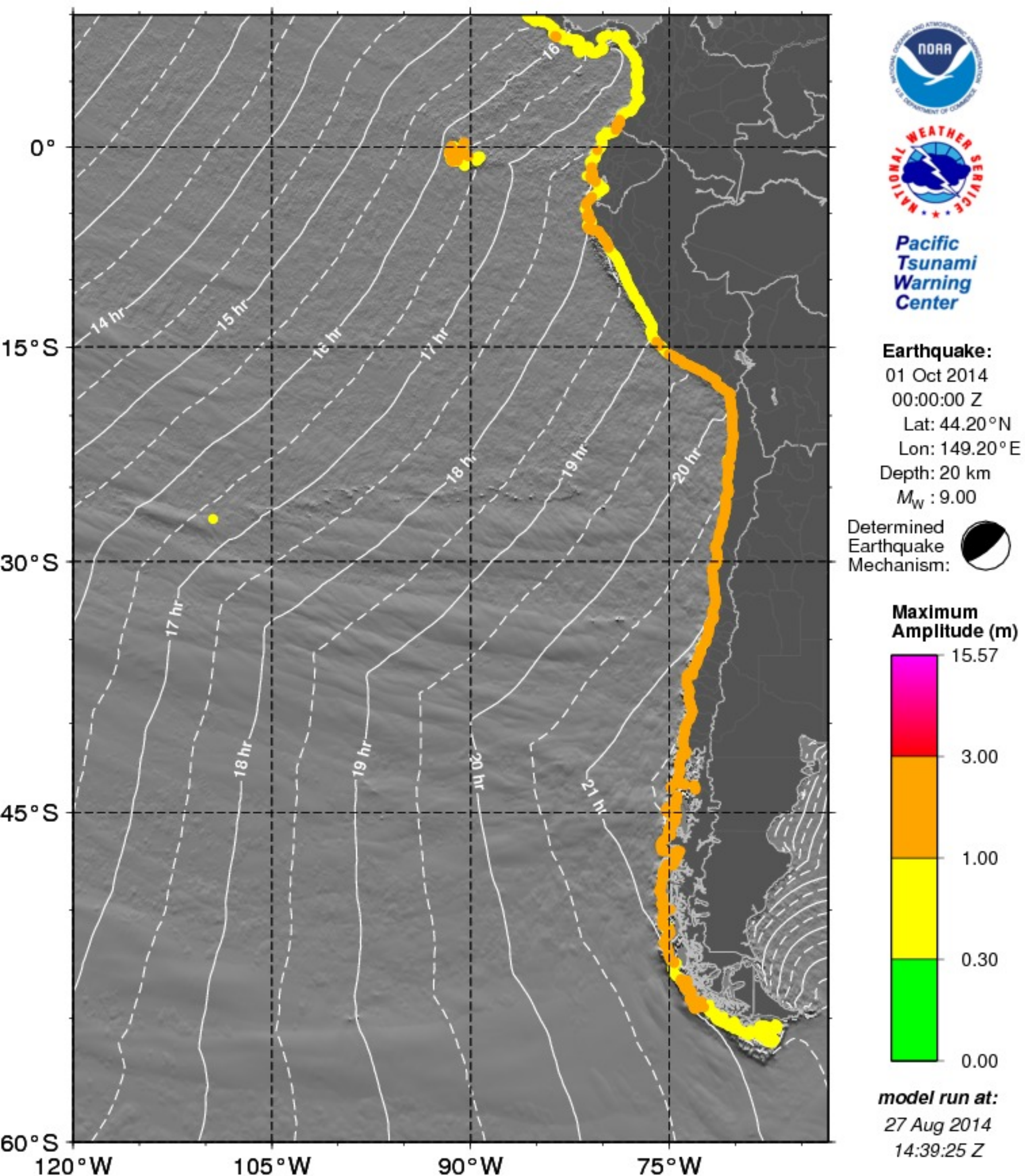
- * THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF THE SITUATION WARRANTS.
- * AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S. GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT EARTHQUAKE.USGS.GOV/EARTHQUAKES -ALL IN SMALL LETTERS-.
- * FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND AT PTWC.WEATHER.GOV AND AT WWW.TSUNAMI.GOV.
- * COASTAL REGIONS OF HAWAII... AMERICAN SAMOA... GUAM... AND CNMI SHOULD REFER TO PACIFIC TSUNAMI WARNING CENTER MESSAGES FOR THOSE PLACES THAT CAN BE FOUND AT PTWC.WEATHER.GOV.
- * COASTAL REGIONS OF CALIFORNIA... OREGON... WASHINGTON... BRITISH COLUMBIA AND ALASKA SHOULD REFER TO U.S. NATIONAL TSUNAMI WARNING CENTER MESSAGES THAT CAN BE FOUND AT NTWC.ARH.NOAA.GOV.

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PTWC Coastal Tsunami Amplitude Forecast

Actual amplitudes at the coast may vary from forecast amplitudes due to uncertainties in the forecast and local features. In particular, maximum tsunami amplitudes on atolls will likely be much smaller than the forecast indicates.

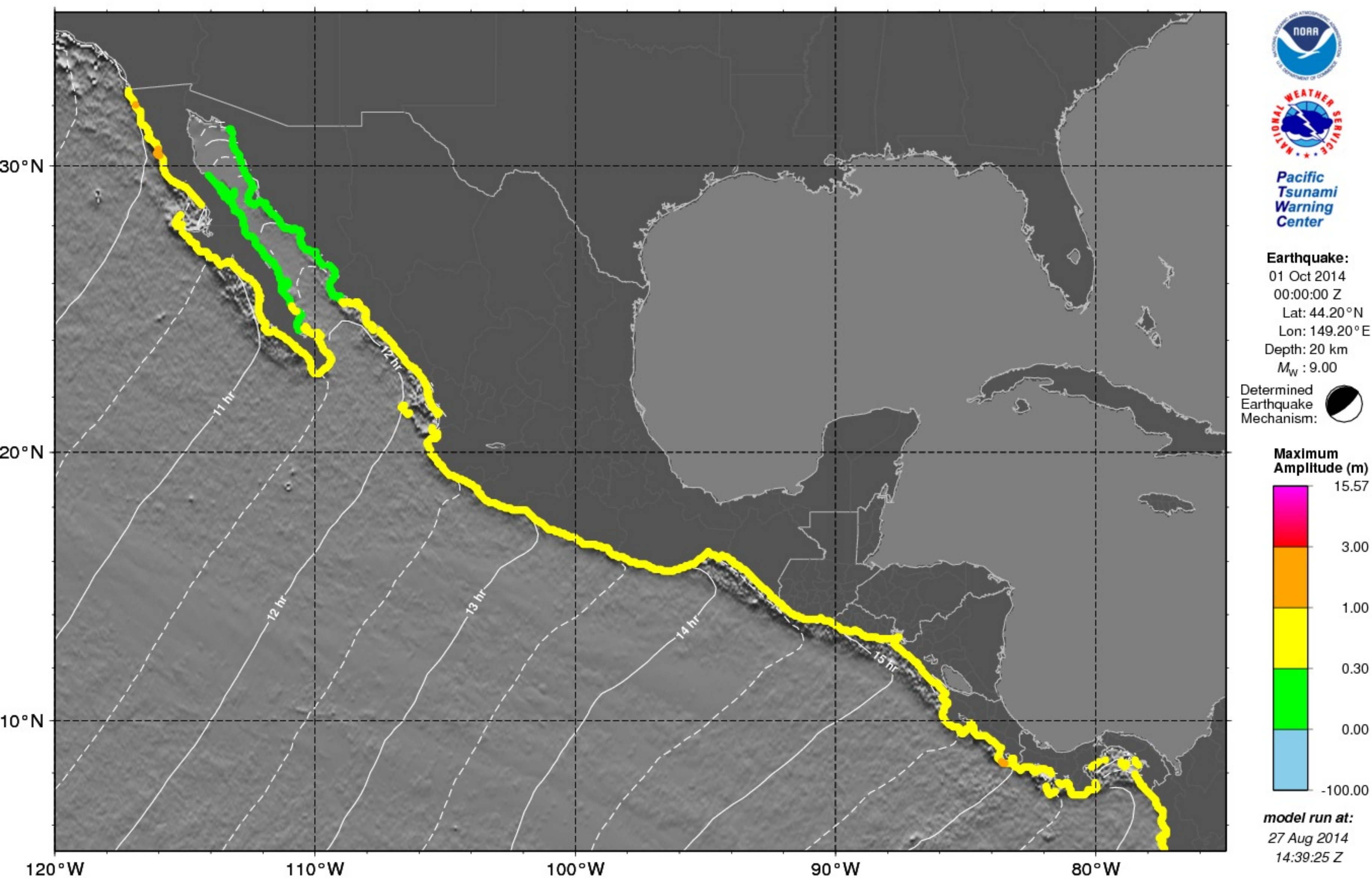
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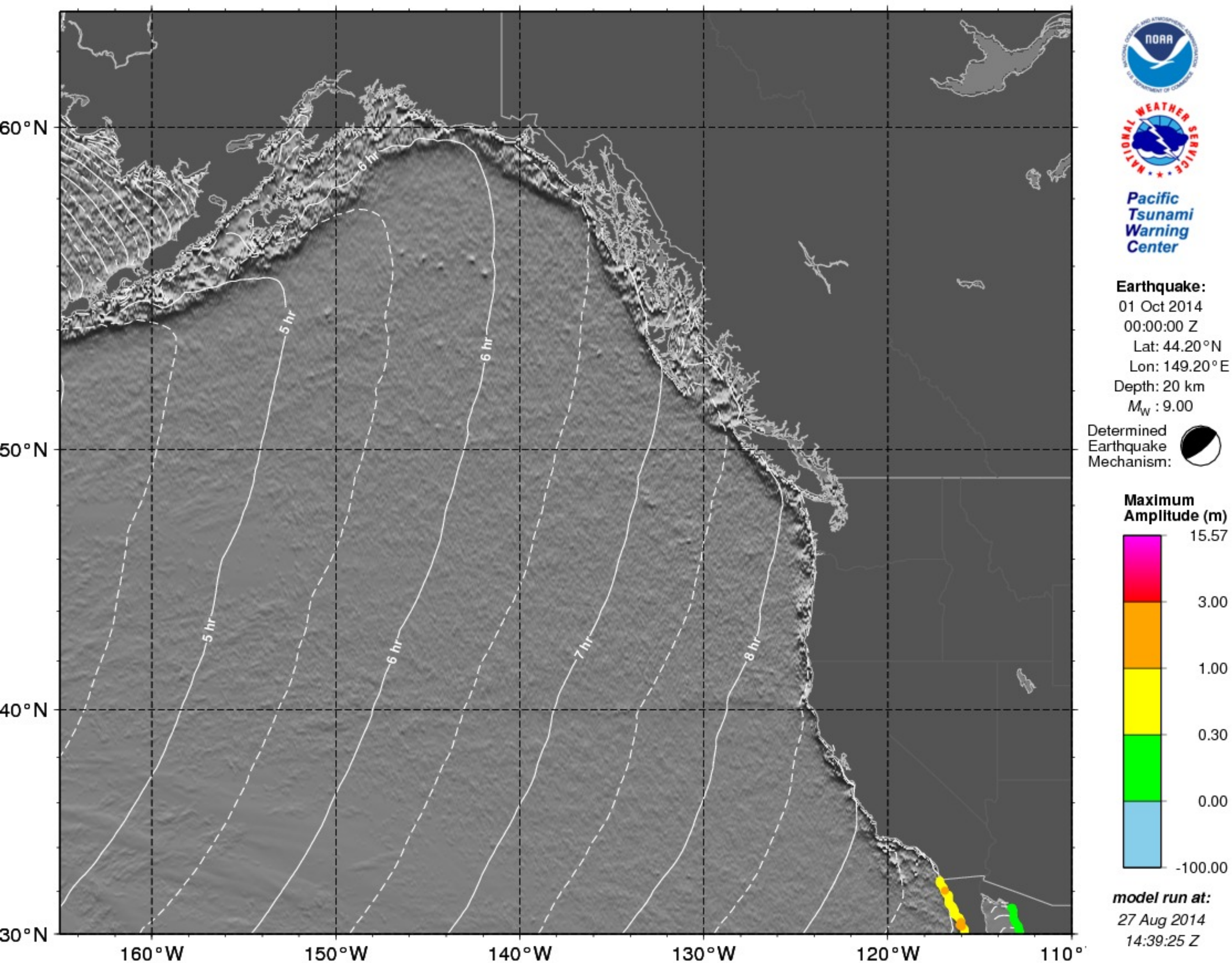
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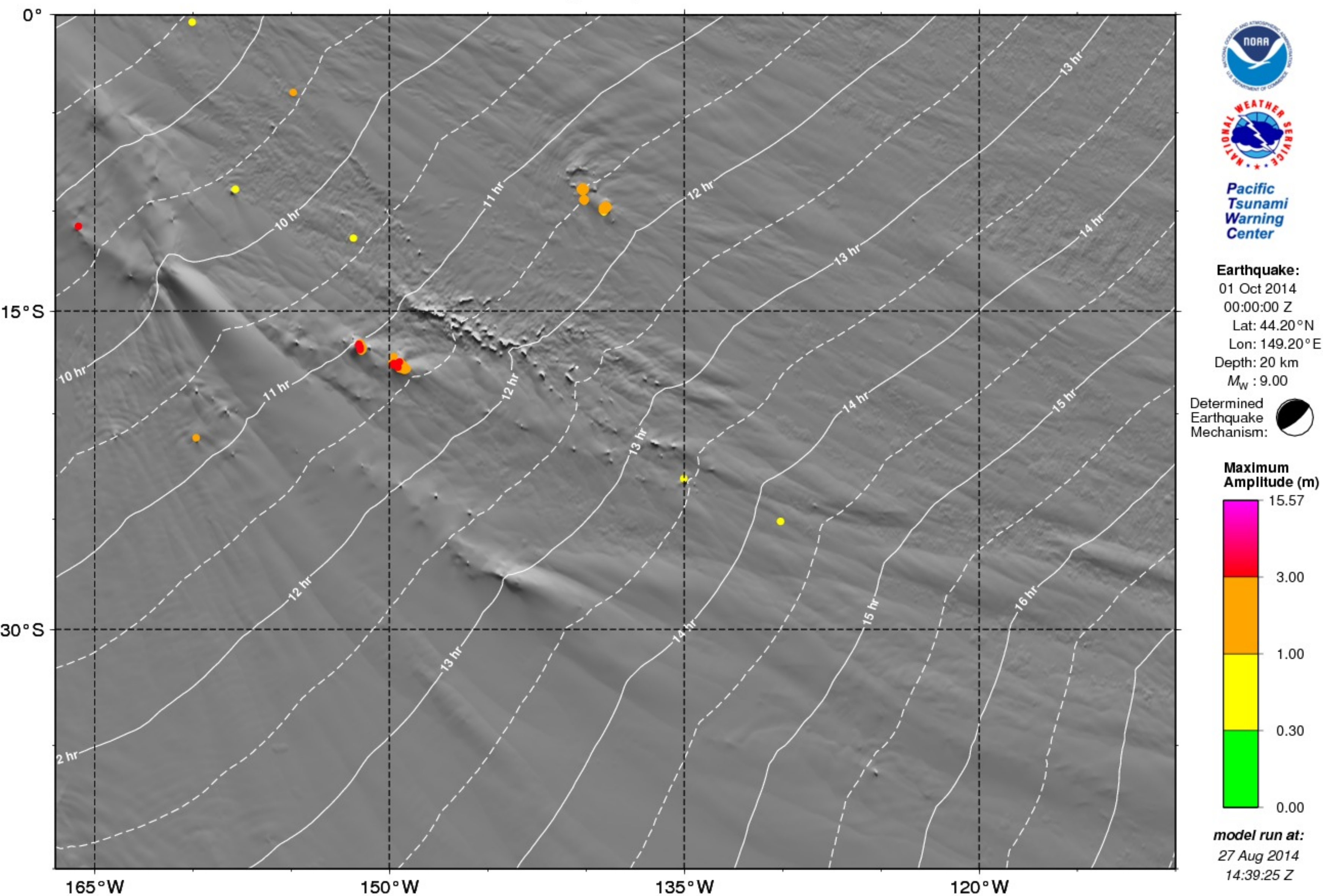
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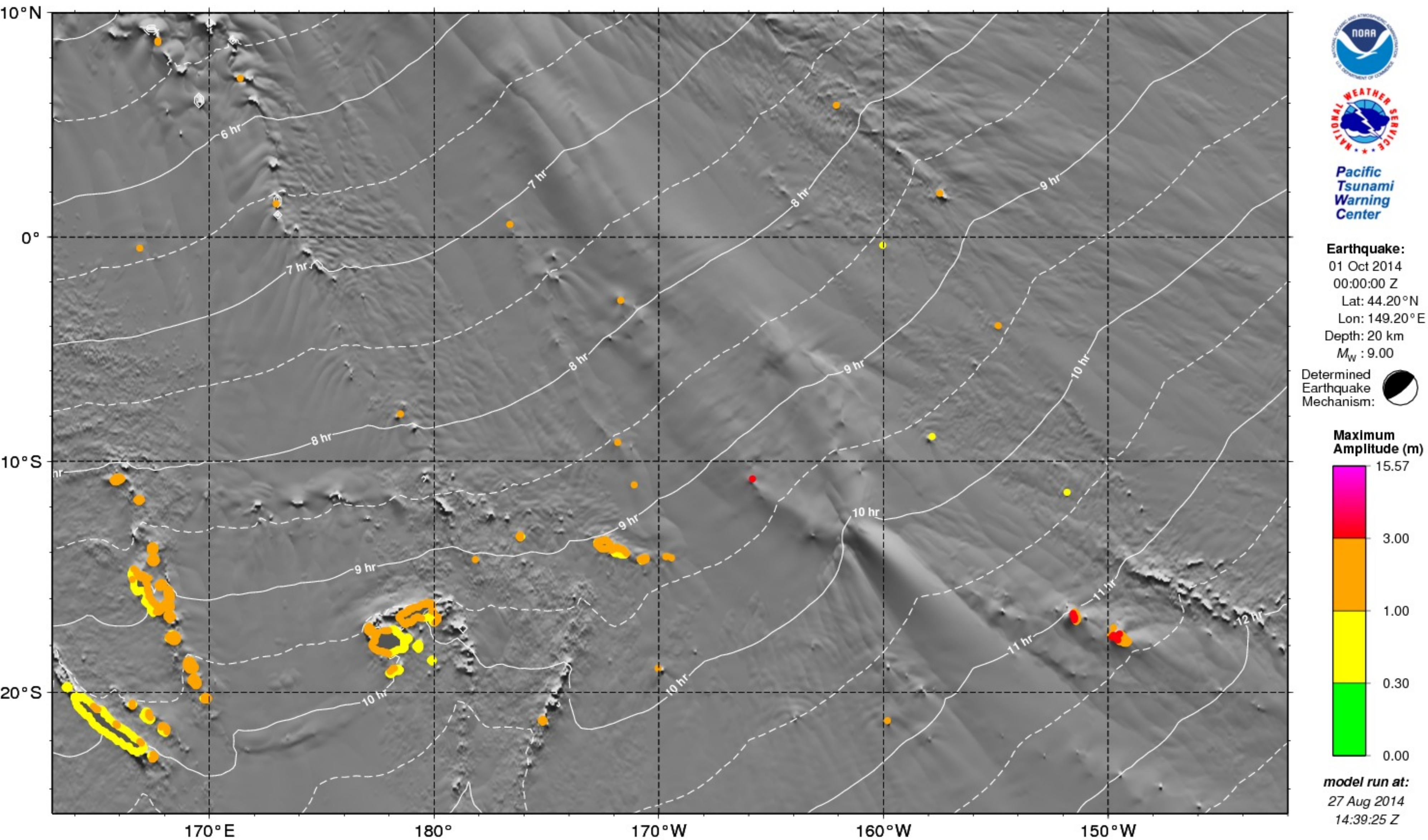
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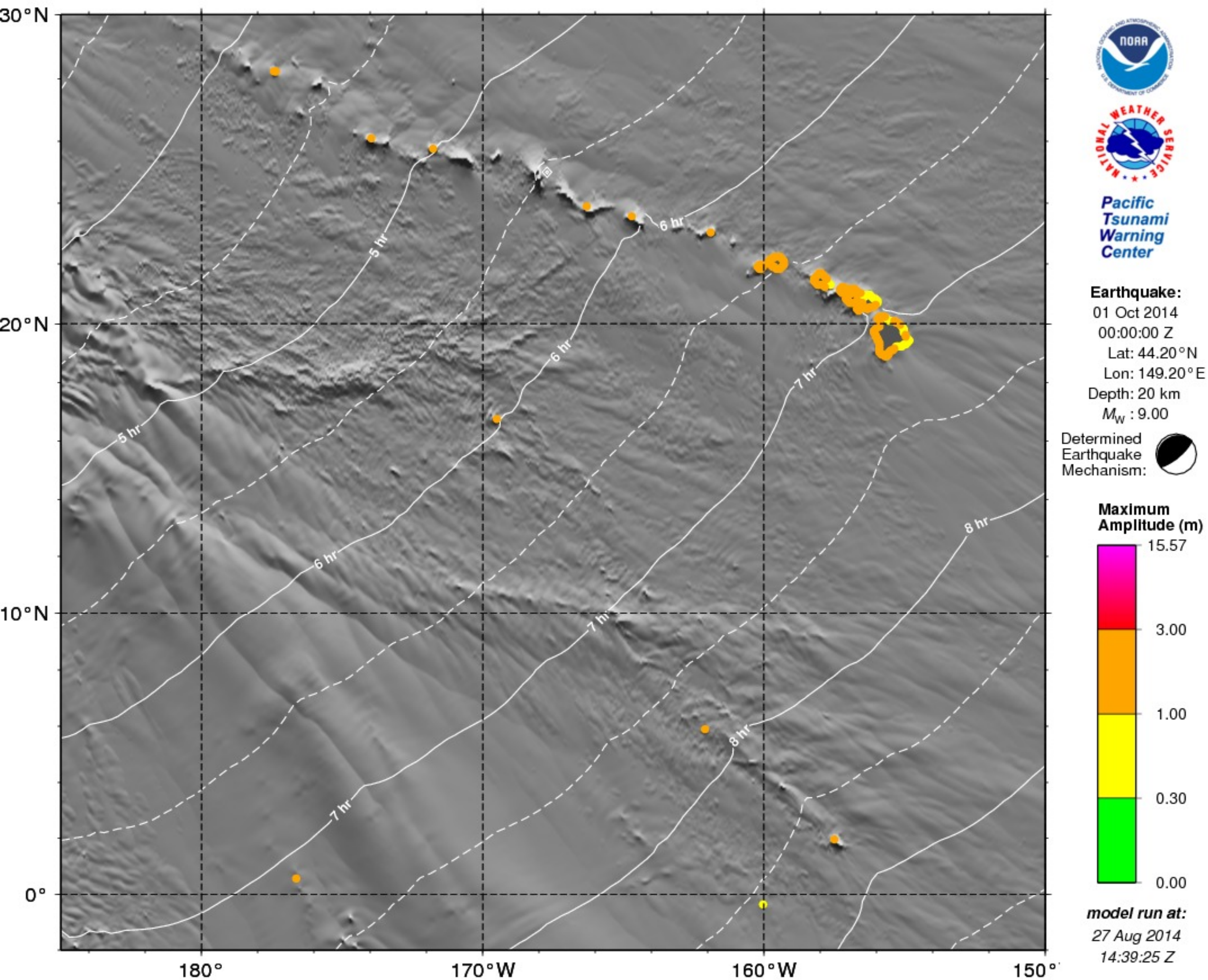
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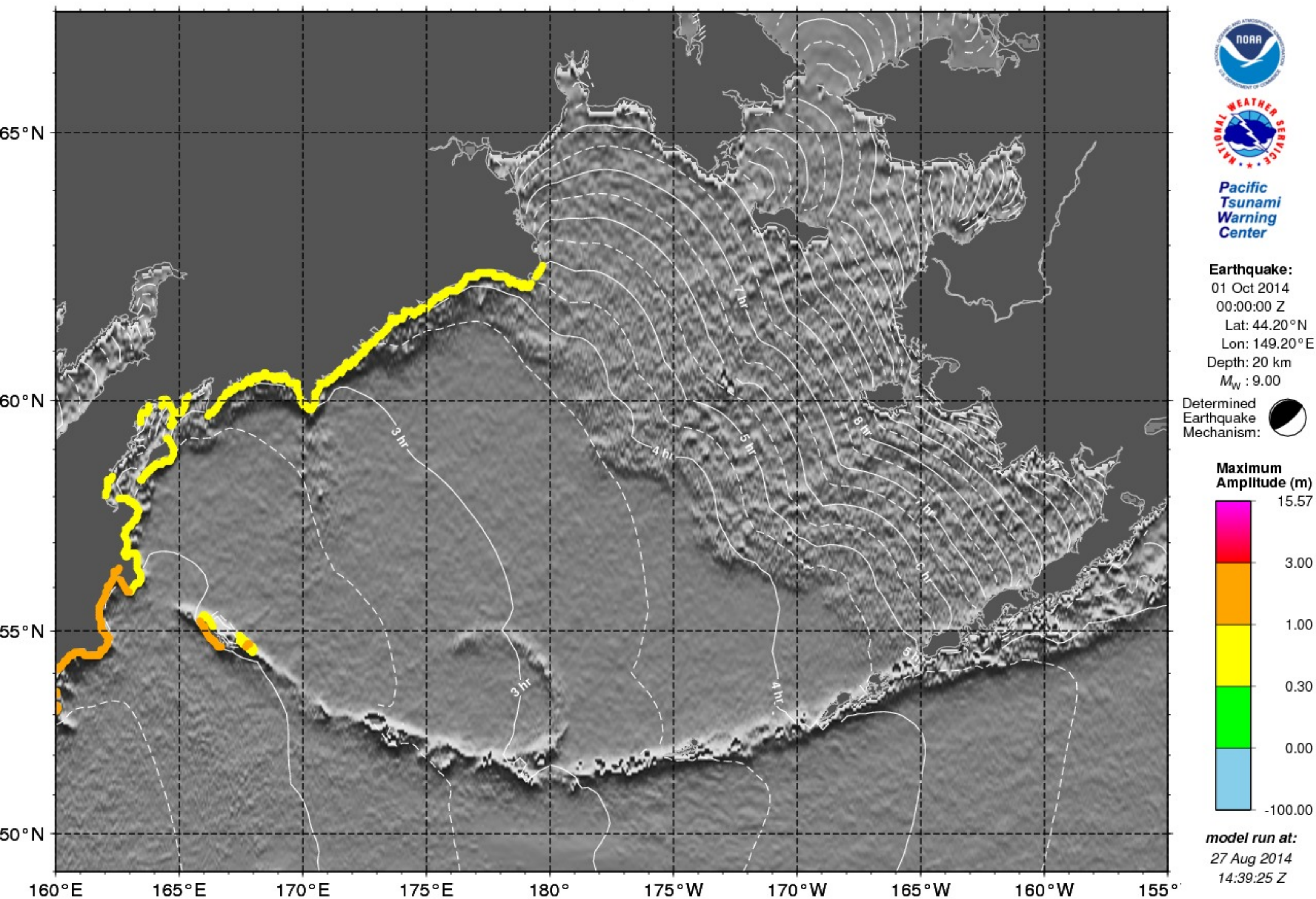
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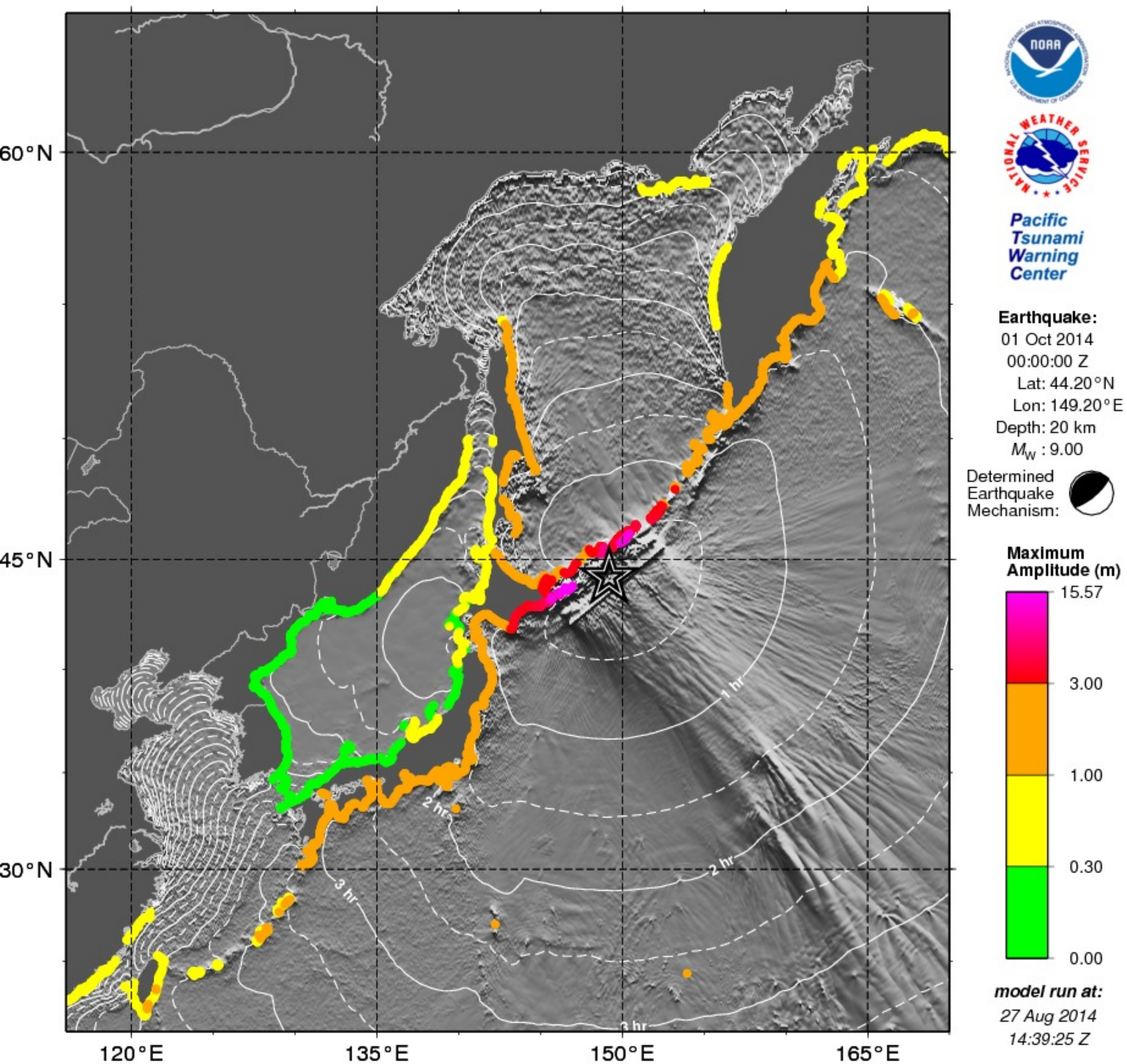
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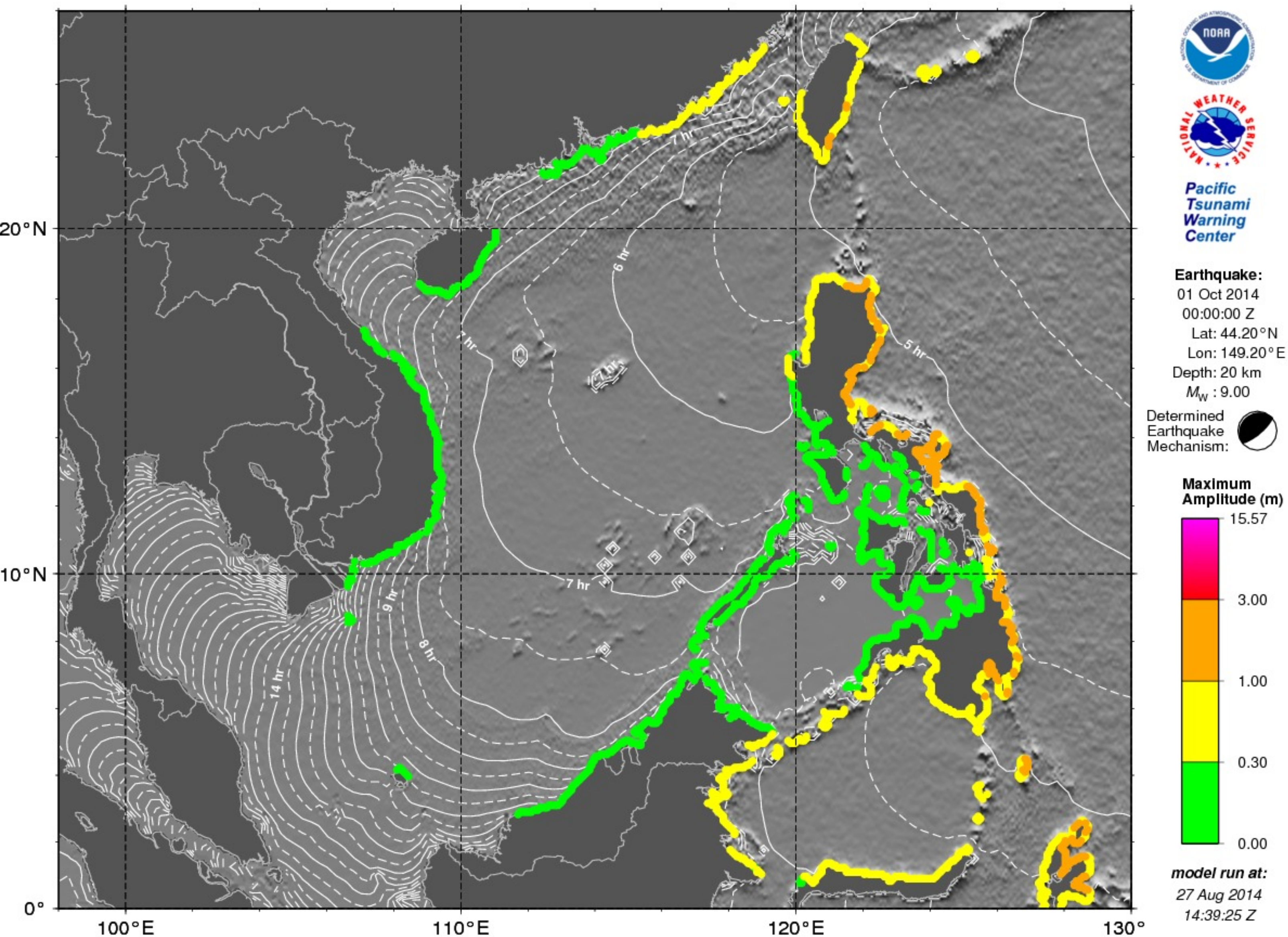
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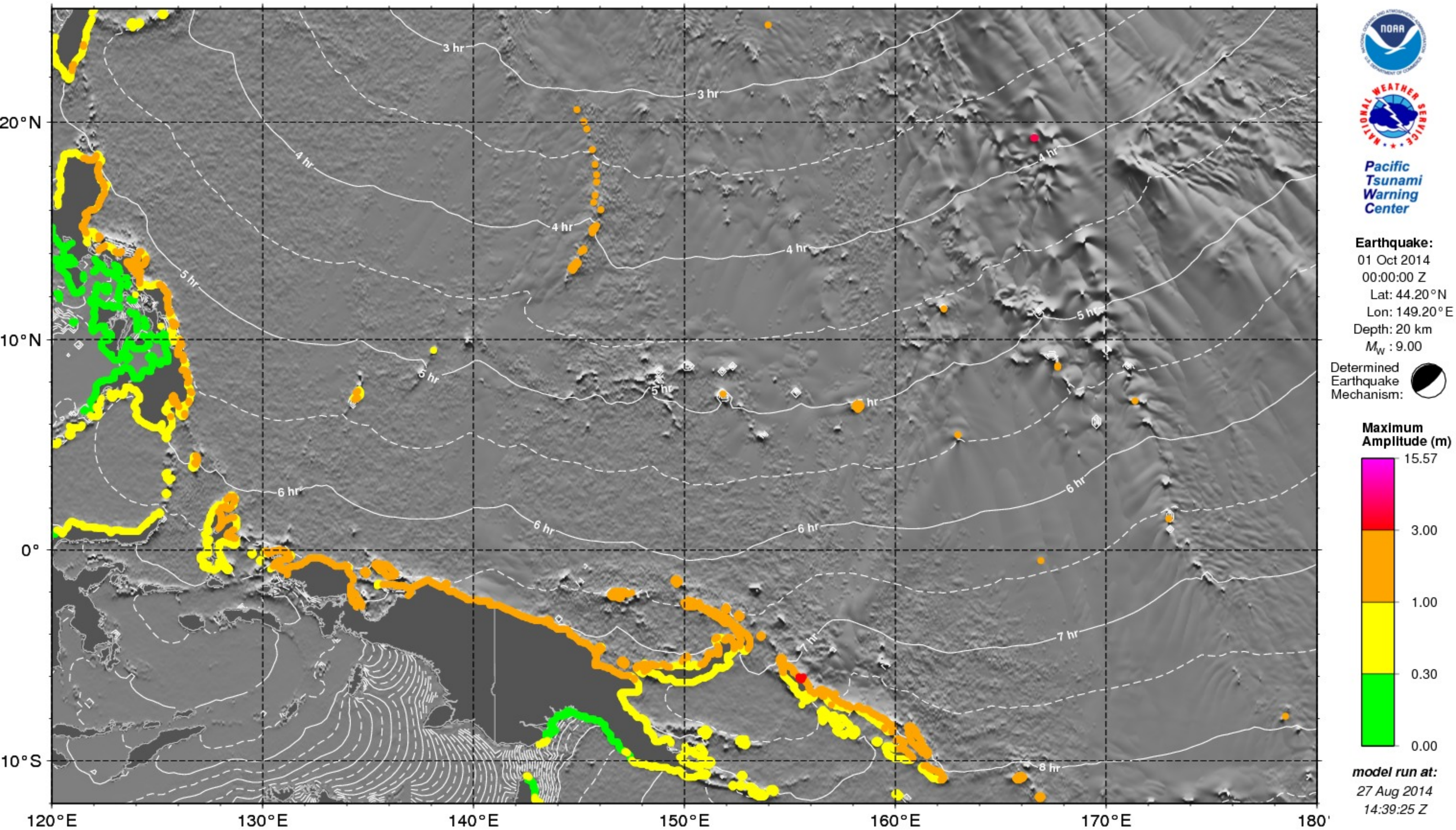
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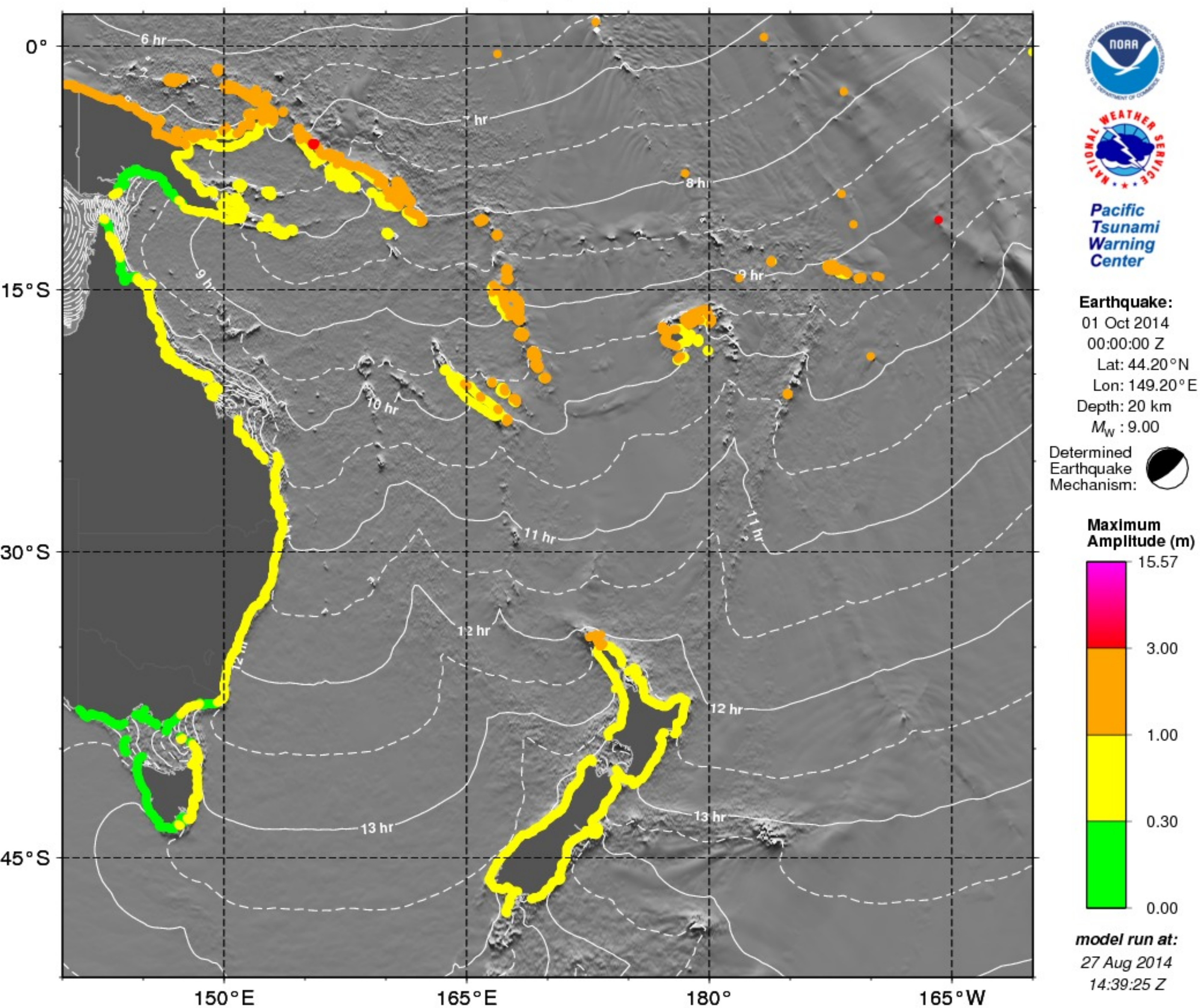
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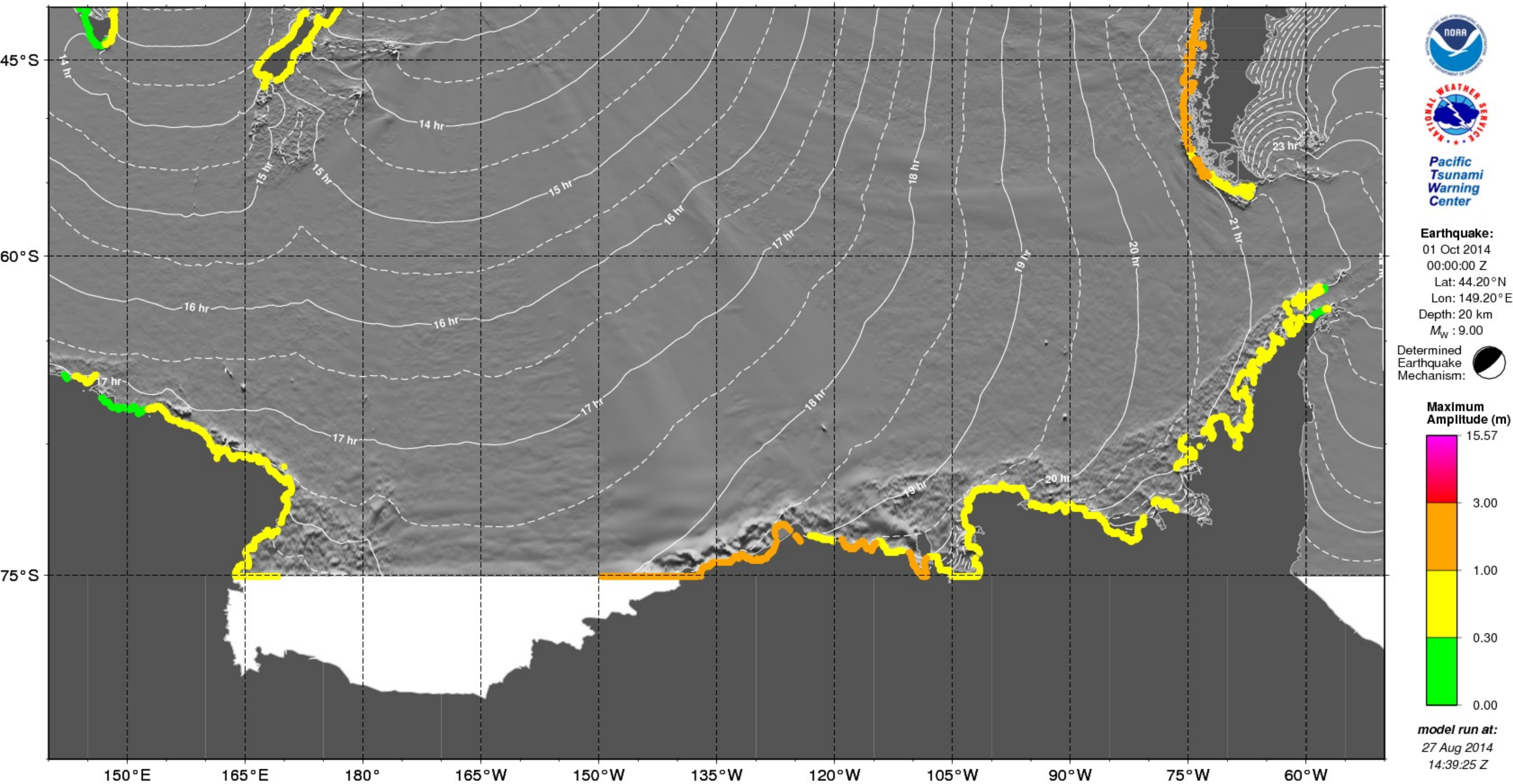
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PTWC TABLE OF FORECAST STATISTICS FOR REGIONAL POLYGONS – RUN ID 0
(for internal use only – not for distribution)

Earthquake – Origin: 10/01/2014 00:00:00 UTC Coordinates: 44.2N 149.2E Depth: 020km Magnitude: 9.0

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Actual amplitudes at the coast may vary from forecast amplitudes due to uncertainties in the forecast and local features. In particular, maximum tsunami amplitudes on atolls will likely be much smaller than the forecast indicates.

Coastal Forecast (meters)				Offshore Forecast (meters)				Total	Region Name
Maximum	Mean	Median	STD	Maximum	Mean	Median	STD	Points	
15.57	5.85	3.97	4.41	8.57	2.22	1.55	1.77	101	
Urup_Etorofu_Kunashiri_Shikotan_and_Habomai_Islands									
14.34	2.17	1.57	1.92	6.51	1.18	0.81	0.96	407	East_Coast_of_Japanese_Main_Islands
6.65	6.62	6.61	0.02	1.15	1.06	1.02	0.06	3	Wake_Island
5.22	2.37	2.32	0.89	2.66	0.92	0.85	0.45	95	Kuril_Islands_Russia
4.05	2.59	2.21	0.83	2.01	0.59	0.56	0.31	35	Society_Islands
3.70	0.75	0.32	0.92	4.82	0.45	0.15	0.65	467	West_Coast_of_Japanese_Main_Islands
3.45	2.02	1.70	1.06	0.44	0.27	0.25	0.13	3	Cook_Islands
3.24	1.59	1.21	0.87	2.09	0.81	0.65	0.48	75	Bougainville_Papua_New_Guinea
2.94	2.85	2.88	0.09	1.73	1.03	0.96	0.57	4	Marshall_Islands
2.92	2.92	2.92	0.00	0.37	0.37	0.37	0.00	1	Kosrae_State_Micronesia
2.72	2.72	2.72	0.00	0.74	0.74	0.74	0.00	1	Phoenix_Islands_Kiribati
2.65	1.16	0.94	0.53	1.72	0.44	0.35	0.29	339	Choisel_to_Philip_Solomon_Islands
2.64	1.63	1.44	0.46	2.05	1.30	1.32	0.28	150	Sea_of_Okhotsk_Coast_of_Sakhalin_Russia
2.39	1.23	1.13	0.47	2.89	0.52	0.41	0.37	806	Marie_Byrd_Land_Coast_of_Antarctica
2.37	2.37	2.37	0.00	0.36	0.36	0.36	0.00	1	Minamitorishima_Japan
2.34	1.88	1.87	0.30	1.43	0.68	0.56	0.31	10	Pohnpei_State_Micronesia
2.30	2.30	2.30	0.00	0.27	0.27	0.27	0.00	1	Howland_and_Baker
2.22	1.11	1.11	0.37	1.70	0.60	0.53	0.29	382	Southern_Chile
2.22	1.37	1.22	0.38	1.64	0.84	0.82	0.27	167	South_Central_Chile
2.18	1.34	1.35	0.37	1.23	0.40	0.35	0.17	189	Vanuatu
2.12	1.52	1.46	0.31	0.88	0.57	0.60	0.17	18	Santa_Cruz_Islands
2.12	1.28	1.21	0.23	0.98	0.38	0.33	0.17	127	New_Ireland
2.10	2.10	2.10	0.00	0.63	0.63	0.63	0.00	1	Gilbert_Islands_Kiribati
2.07	1.16	1.04	0.34	1.37	0.52	0.48	0.28	151	Fiji
2.07	1.21	1.18	0.22	1.63	0.48	0.44	0.21	266	Pacific_Side_of_Papua_Indonesia
2.06	1.34	1.28	0.24	2.44	0.89	0.81	0.41	157	Pacific_Coast_of_Kamchatka_Russia
1.98	1.59	1.39	0.28	0.96	0.75	0.64	0.15	3	Midway_Island
1.97	1.25	1.24	0.26	1.05	0.40	0.34	0.19	147	Hawaii
1.93	1.69	1.60	0.15	1.33	0.78	0.81	0.36	5	Northwestern_Hawaiian_Islands
1.93	1.29	1.24	0.18	1.61	0.66	0.62	0.26	120	North_Central_Chile
1.86	1.41	1.41	0.29	0.42	0.31	0.27	0.09	18	American_Samoa

1.82	1.28	1.19	0.29	0.77	0.38	0.34	0.17	40	Samoa
1.77	1.50	1.52	0.20	0.79	0.47	0.46	0.16	12	Guam
1.76	1.76	1.76	0.00	0.27	0.27	0.27	0.00	1	Johnston_Atoll
1.72	1.44	1.45	0.14	0.80	0.34	0.29	0.14	19	Northern_Marianas
1.72	1.55	1.55	0.17	0.74	0.53	0.53	0.21	2	Izu_and_Ogasawara_Islands_Japan
1.63	1.63	1.63	0.00	1.13	1.13	1.13	0.00	1	Chuuk_State_Micronesia
1.63	1.63	1.63	0.00	0.22	0.22	0.22	0.00	1	Tuvalu
1.62	1.35	1.38	0.16	0.43	0.28	0.26	0.05	24	Marquesas_Islands
1.61	1.32	1.34	0.15	1.13	0.51	0.45	0.21	119	Northern_Chile
1.58	1.22	1.17	0.18	1.34	0.63	0.58	0.21	76	Southern_Peru
1.57	1.57	1.57	0.00	0.38	0.38	0.38	0.00	1	Tokelau
1.57	1.06	1.01	0.17	1.33	0.38	0.33	0.20	94	Galapagos_Islands
1.54	1.17	1.00	0.26	0.37	0.22	0.14	0.11	3	Line_Islands_Kiribati
1.53	1.00	1.00	0.22	0.99	0.39	0.38	0.14	350	Pacific_Coast_of_the_Philippines
1.50	1.22	1.23	0.14	1.01	0.41	0.38	0.16	152	Bismarck_Sea_Coast_of_Papua_New_Guinea
1.49	1.13	1.05	0.20	0.60	0.42	0.39	0.12	5	Wallis_and_Futuna
1.48	0.99	0.89	0.22	0.65	0.36	0.31	0.12	19	Talau_Islands_Indonesia
1.46	1.33	1.36	0.10	1.05	0.69	0.64	0.19	23	Manus_Island_Papua_New_Guinea
1.44	1.33	1.38	0.12	1.11	0.94	0.97	0.15	4	Tonga
1.40	1.04	1.04	0.12	0.87	0.44	0.44	0.14	86	New_Britain-Bismarck_Sea_Coast_of_New_Britain
1.40	1.40	1.40	0.00	0.22	0.22	0.22	0.00	1	Palmyra_Island
1.37	0.98	0.99	0.19	0.84	0.50	0.51	0.17	81	Nansei_Islands_Japan
1.36	0.74	0.66	0.19	0.71	0.27	0.23	0.14	82	New_Britain-Solomon_Sea_Coast_of_New_Britain
1.33	0.78	0.87	0.24	0.94	0.43	0.41	0.18	153	New_Caledonia
1.32	1.32	1.32	0.00	0.19	0.19	0.19	0.00	1	Nauru
1.30	1.00	0.87	0.21	1.33	0.59	0.57	0.26	38	Komandorsky_Islands_Russia
1.26	1.00	0.95	0.12	1.52	1.17	1.20	0.16	54	Western_Coast_of_Kamchatka_Russia
1.22	0.99	1.00	0.14	1.09	0.64	0.62	0.15	100	Northern_Peru
1.19	0.76	0.67	0.23	0.77	0.32	0.28	0.15	190	Halmahera_Indonesia
1.16	0.58	0.79	0.45	1.12	0.37	0.47	0.32	163	Ecuador
1.16	0.82	0.76	0.15	0.95	0.59	0.58	0.15	114	North_Side_of_North_Island_New_Zealand
1.14	0.98	0.96	0.10	0.80	0.48	0.47	0.20	15	Palau
1.10	0.71	0.70	0.12	0.94	0.46	0.45	0.14	328	Bering_Sea_Coast_of_Eastern_Russia
1.09	0.16	0.13	0.14	0.54	0.05	0.03	0.06	264	Interior_Seas_of_the_Philippines
1.07	0.76	0.73	0.14	1.16	0.42	0.40	0.17	98	Pacific_Coast_of_Colombia
1.07	0.86	0.86	0.08	1.03	0.61	0.58	0.16	104	Central_Peru
1.07	0.87	0.86	0.09	0.57	0.28	0.26	0.09	49	Eastern_Coast_of_Taiwan
1.05	1.05	1.05	0.00	0.14	0.14	0.14	0.00	1	Niue
1.05	0.47	0.43	0.13	0.90	0.40	0.35	0.14	76	West_Side_of_North_Island_New_Zealand
1.05	0.82	0.83	0.12	0.83	0.46	0.47	0.14	79	Pacific_Coast_of_Costa_Rica
1.01	0.70	0.72	0.09	0.59	0.23	0.21	0.10	141	Solomon_Sea_Coast_of_Papua_New_Guinea
1.01	0.85	0.84	0.08	1.02	0.55	0.54	0.16	75	Pacific_Side_of_Baja_Mexico
0.99	0.99	0.99	0.00	0.14	0.14	0.14	0.00	1	Jarvis_Island
0.98	0.98	0.98	0.00	0.56	0.56	0.56	0.00	1	Yap_State_Micronesia
0.97	0.74	0.72	0.11	0.58	0.33	0.32	0.09	27	Michoacan_Mexico
0.96	0.96	0.96	0.00	0.21	0.21	0.21	0.00	1	Easter_Island
0.96	0.96	0.96	0.00	0.17	0.17	0.17	0.00	1	Tuamotu_Archipelago

0.95	0.95	0.95	0.00	1.03	0.59	0.56	0.14	61	East_Coast_of_Russia_on_the_Sea_of_Okhotsk
0.95	0.63	0.63	0.08	0.95	0.41	0.41	0.14	88	East_Side_of_North_Island_New_Zealand
0.95	0.65	0.65	0.11	0.61	0.32	0.32	0.12	71	Trobriand_Woodlark_and_Louisiade_Islands
0.94	0.68	0.66	0.11	0.53	0.37	0.43	0.13	32	Nayarit_Mexico
0.94	0.81	0.78	0.09	0.69	0.43	0.42	0.17	33	Jalisco_Mexico
0.94	0.78	0.77	0.08	0.81	0.48	0.48	0.14	110	Pacific_Side_of_Baja_Sud_Mexico
0.85	0.85	0.85	0.00	0.14	0.14	0.14	0.00	1	Pitcairn_Islands
0.84	0.33	0.28	0.11	0.50	0.17	0.13	0.09	164	Coral_Sea_Coast_of_Papua_New_Guinea
0.84	0.69	0.68	0.06	0.61	0.33	0.31	0.12	91	Pacific_Coast_of_Panama
0.81	0.66	0.65	0.07	0.69	0.41	0.37	0.13	56	Guerrero_Mexico
0.79	0.54	0.50	0.14	0.99	0.30	0.27	0.15	274	Ellsworth_Land_Coast_of_Antarctica
0.78	0.51	0.44	0.11	0.36	0.21	0.20	0.07	32	Western_Coast_of_Taiwan
0.78	0.72	0.71	0.06	0.31	0.22	0.22	0.05	30	Southeastern_Coast_of_China
0.77	0.57	0.54	0.09	0.54	0.20	0.17	0.11	13	Sangihe_Islands_Indonesia
0.77	0.72	0.74	0.05	0.61	0.39	0.36	0.10	12	Colima_Mexico
0.76	0.46	0.47	0.09	0.63	0.20	0.19	0.08	87	Celebes_Sea_Coast_of_Sulawesi_Indonesia
0.76	0.62	0.61	0.05	0.65	0.34	0.33	0.13	68	Oaxaca_Mexico
0.74	0.49	0.49	0.14	1.39	0.27	0.22	0.17	630	
Victoria_Oates_and_George_V_Coast_of_Antarctica									
0.72	0.44	0.41	0.12	0.55	0.22	0.20	0.08	142	Southern_Queensland_Australia
0.68	0.29	0.25	0.14	0.34	0.10	0.09	0.06	99	Gulf_Side_of_Baja_Sud_Mexico
0.68	0.55	0.51	0.05	0.61	0.41	0.39	0.08	37	El_Salvador
0.67	0.59	0.59	0.04	0.57	0.43	0.42	0.07	35	Pacific_Coast_of_Nicaragua
0.67	0.45	0.47	0.14	0.50	0.24	0.22	0.11	77	Sinaloa_Mexico
0.66	0.63	0.64	0.04	1.02	0.54	0.54	0.21	47	Tatarskiy_Straight_Coast_of_Sakhalin_Russia
0.66	0.50	0.48	0.08	0.76	0.34	0.34	0.09	158	East_Side_of_South_Island_New_Zealand
0.65	0.30	0.23	0.14	0.61	0.21	0.16	0.13	148	
East_Coast_of_Russia_north_of_the_Korean_Peninsula									
0.65	0.50	0.51	0.10	0.86	0.23	0.20	0.12	585	Northeast_Side_of_the_Antarctic_Peninsula
0.64	0.57	0.55	0.05	0.61	0.44	0.43	0.08	28	Chiapas_Mexico
0.63	0.31	0.28	0.12	0.49	0.13	0.11	0.09	125	Western_Coast_of_the_Northern_Philippines
0.62	0.49	0.46	0.10	0.62	0.34	0.34	0.09	43	East_Coast_of_Russia_on_the_Tatarskiy_Straight
0.58	0.56	0.58	0.02	0.53	0.38	0.39	0.08	33	Pacific_Coast_of_Guatemala
0.56	0.48	0.46	0.06	0.76	0.31	0.31	0.16	139	West_Side_of_South_Island_New_Zealand
0.56	0.40	0.39	0.06	0.71	0.36	0.34	0.10	150	New_South_Wales_Australia
0.51	0.51	0.51	0.00	0.32	0.31	0.31	0.01	3	Pacific_Coast_of_Honduras
0.51	0.41	0.41	0.04	0.30	0.16	0.16	0.05	67	Celebes_Sea_Coast_of_the_Philippines
0.48	0.36	0.36	0.09	0.28	0.17	0.17	0.04	130	Southern_Coast_of_China
0.44	0.25	0.29	0.10	0.45	0.19	0.20	0.08	167	Tasmania
0.44	0.36	0.38	0.09	0.25	0.15	0.15	0.04	52	Sulu_Archipelago_Philippines
0.43	0.35	0.36	0.05	0.34	0.14	0.13	0.05	211	Northern_Queensland_Australia
0.42	0.36	0.36	0.03	0.23	0.14	0.14	0.03	57	Celebes_Sea_Coast_of_Borneo_Indonesia
0.38	0.36	0.36	0.02	0.21	0.13	0.12	0.04	27	Celebes_Sea_Coast_of_Sabah_Malaysia
0.31	0.20	0.14	0.09	0.46	0.15	0.13	0.08	130	Victoria_Australia
0.26	0.14	0.13	0.03	0.14	0.06	0.05	0.03	97	Sonora_Mexico
0.25	0.19	0.20	0.03	0.27	0.12	0.12	0.05	89	Eastern_Coast_of_DPR_of_Korea
0.24	0.13	0.13	0.05	0.13	0.06	0.06	0.02	130	Palawan_Island_Philippines

0.20	0.17	0.18	0.02	0.19	0.09	0.08	0.03	59	Eastern_Coast_of_the_Republic_of_Korea
0.19	0.14	0.14	0.02	0.12	0.06	0.06	0.02	112	Southern_Coast_of_Vietnam
0.19	0.19	0.19	0.00	0.09	0.06	0.06	0.01	33	Northern_Coast_of_Vietnam
0.19	0.10	0.08	0.04	0.07	0.03	0.03	0.01	120	Sulu_Sea_Coast_of_the_Philippines
0.18	0.16	0.16	0.01	0.10	0.07	0.07	0.01	46	Hainan_Island_China
0.16	0.12	0.11	0.02	0.03	0.02	0.02	0.01	40	Gulf_Side_of_Baja_Mexico
0.12	0.10	0.10	0.01	0.06	0.05	0.05	0.01	16	Brunei
0.12	0.10	0.10	0.00	0.08	0.05	0.05	0.01	51	Northwest_Coast_of_Sabah_Malaysia
0.12	0.11	0.11	0.01	0.06	0.05	0.05	0.01	42	Southwest_Coast_of_Sabah_Malaysia
0.11	0.10	0.09	0.01	0.14	0.08	0.08	0.03	54	Sulu_Sea_Coast_of_Sabah_Malaysia
0.09	0.09	0.09	0.00	0.04	0.03	0.03	0.00	6	Natuna_Islands_Indonesia