



Supplement of

Global water level variability observed after the Hunga Tonga-Hunga Ha’apai volcanic tsunami of 2022

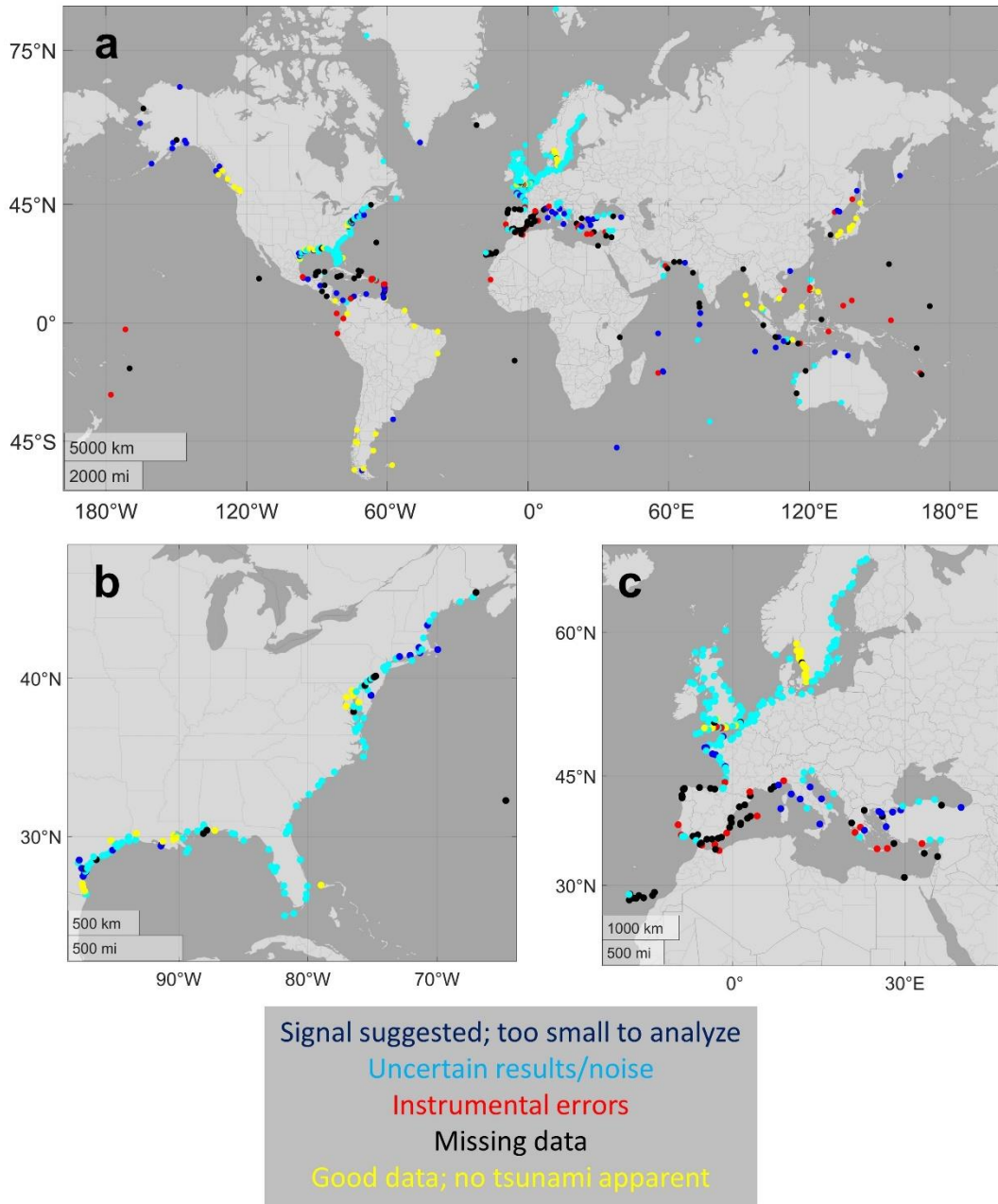
Adam T. Devlin et al.

Correspondence to: Jiayi Pan (panj@cuhk.edu.hk)

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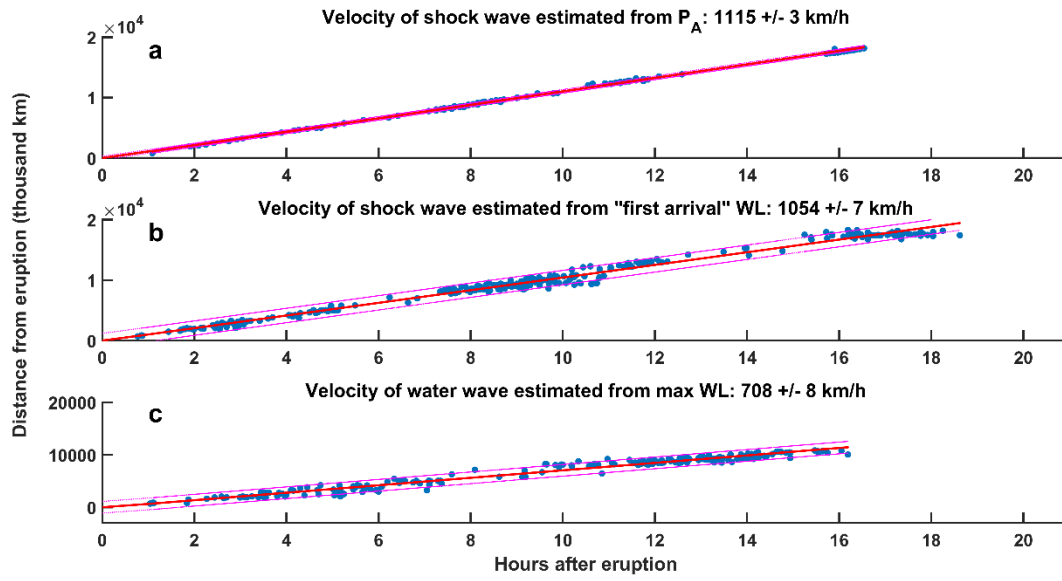
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64 **Figure S1** Map inventory of stations where both the VMT and the oceanic tsunami were not
 65 clearly observed or were too small to analyze. (a) Global results; (b) Expanded view of US East
 66 Coast; (c) Expanded view of Europe. Status categories and colors are: 1) good data with a small
 67 signal suggested, but too small to analyze (dark blue); 2) good data but uncertain results, either
 68 due to too much noise, the presence of storms, or under-sampled data, i.e., 5-min or longer time
 69 resolution (cyan); 3) instrumental errors (red); 4) missing data (black); and 5) good data, but no
 70 tsunami signal detected (yellow).

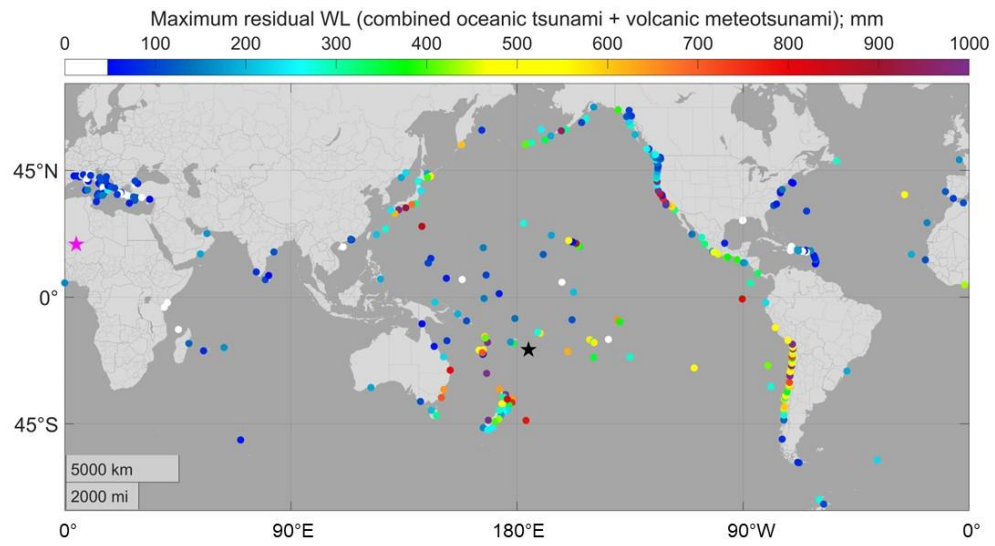
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73 **Figure S2** Estimates of different velocity parameters. (a) Shockwave velocity from air pressure
 74 gauges; (b) Shockwave velocity from tide gauges (estimated from “first arrival” WLs of the
 75 volcanic meteotsunami); (c) Water wave velocity (estimated from arrival time of oceanic
 76 tsunami). All scatterplots regress distance (km) from the Tonga volcano vs. time of arrival
 77 (shockwave or water wave; hours since eruption). Slope values and errors from robust regression
 78 are given.

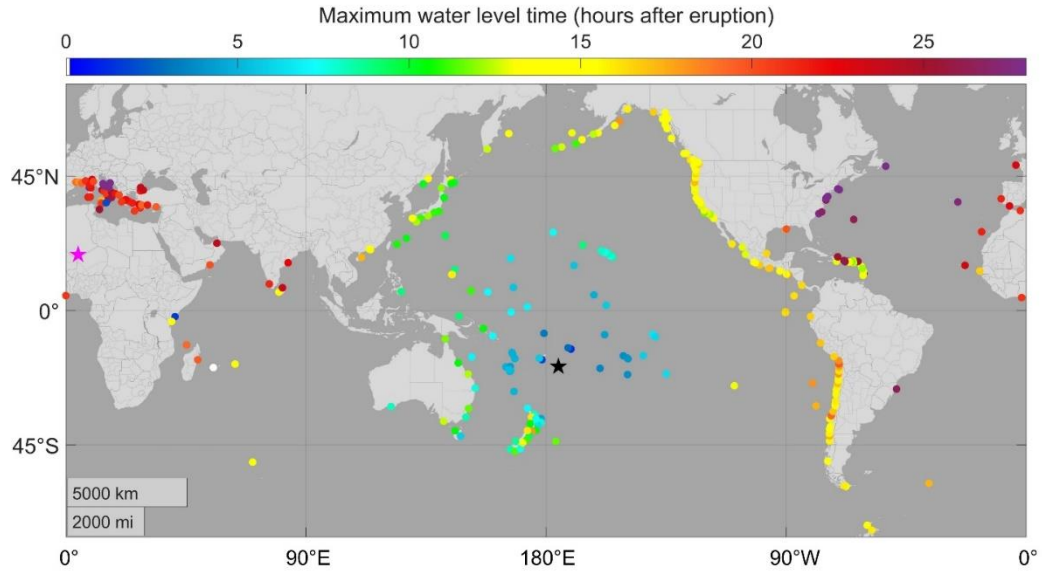
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81 **Figure S3** Maximum residual water levels after removing tidal signal (combined volcanic
 82 meteotsunami (VMT) and oceanic tsunami). Expanded view of Fig. 1(a).

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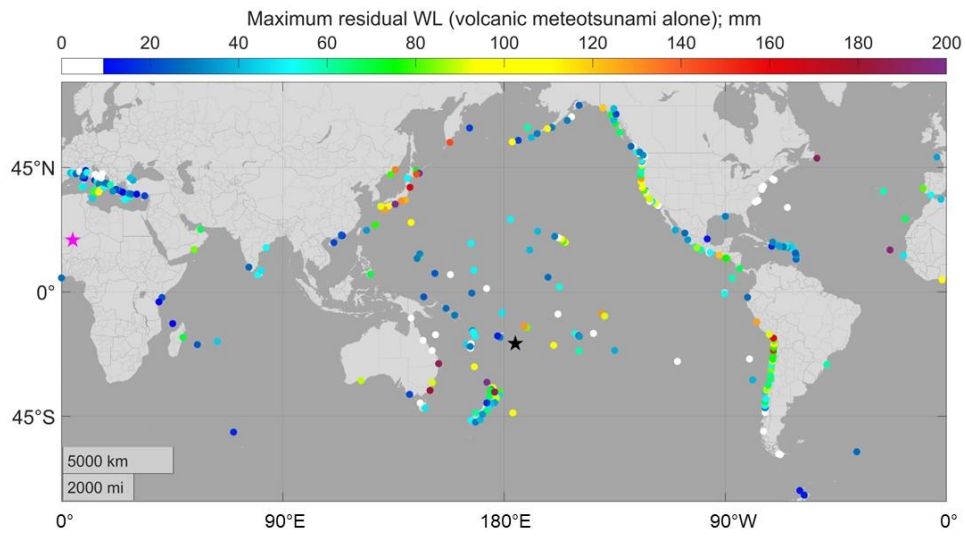


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85 **Figure S4** Time of maximum overall residual water level (hours after eruption). Expanded view
 86 of Fig. 1(b). White dots indicate the exact arrival time could not be clearly determined.

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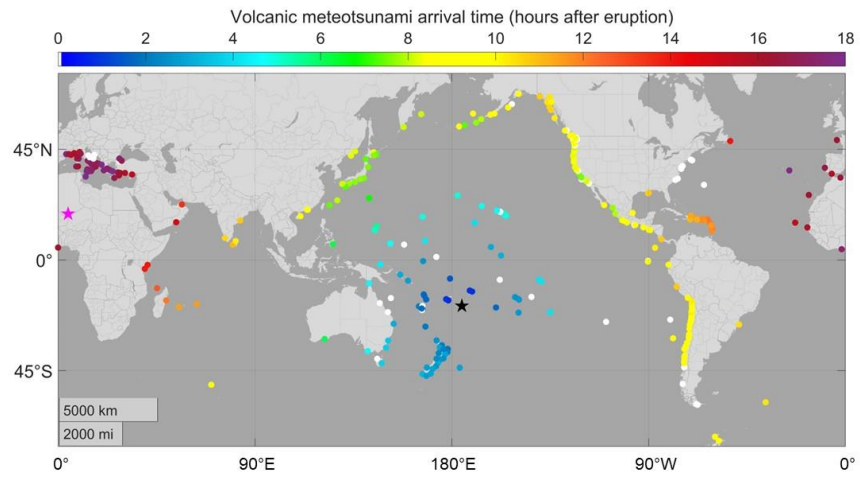
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90 **Figure S5** Maximum residual water level due to VMT alone. Expanded view of Fig. 1(c).

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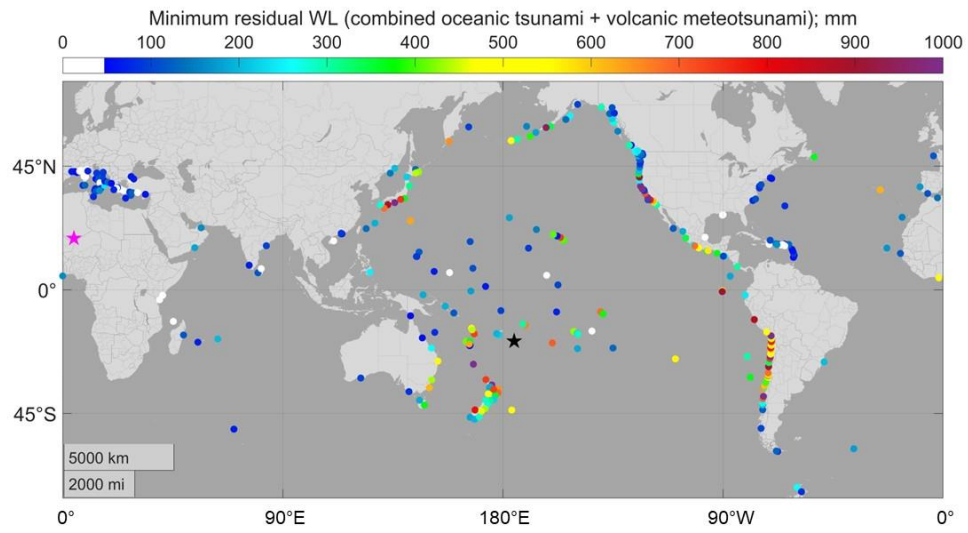


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93 **Figure S6** Arrival time of the VMT as estimated from water level. Expanded view of Fig. 1(d).
 94 White dots indicate exact arrival times could not be clearly determined.

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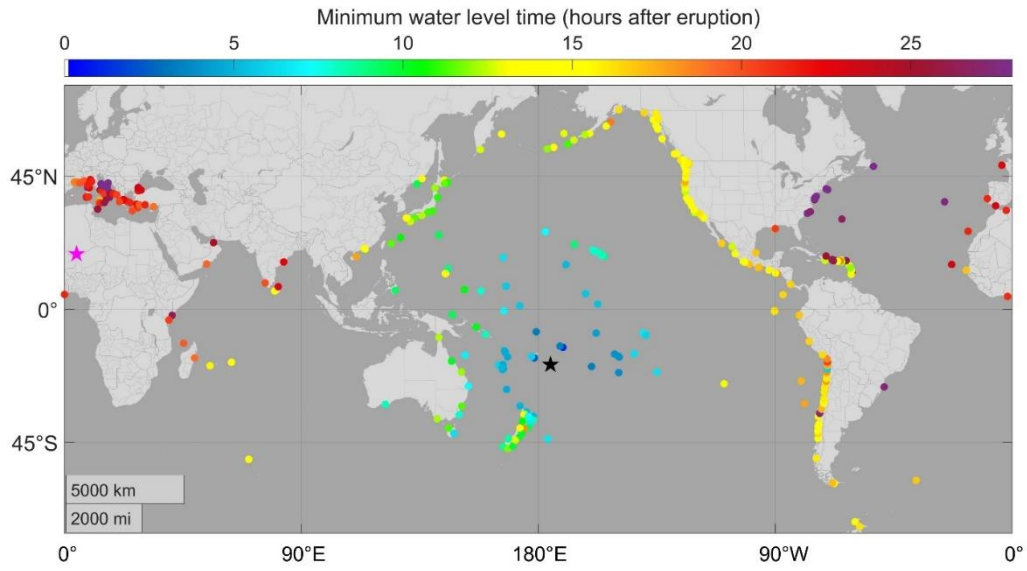
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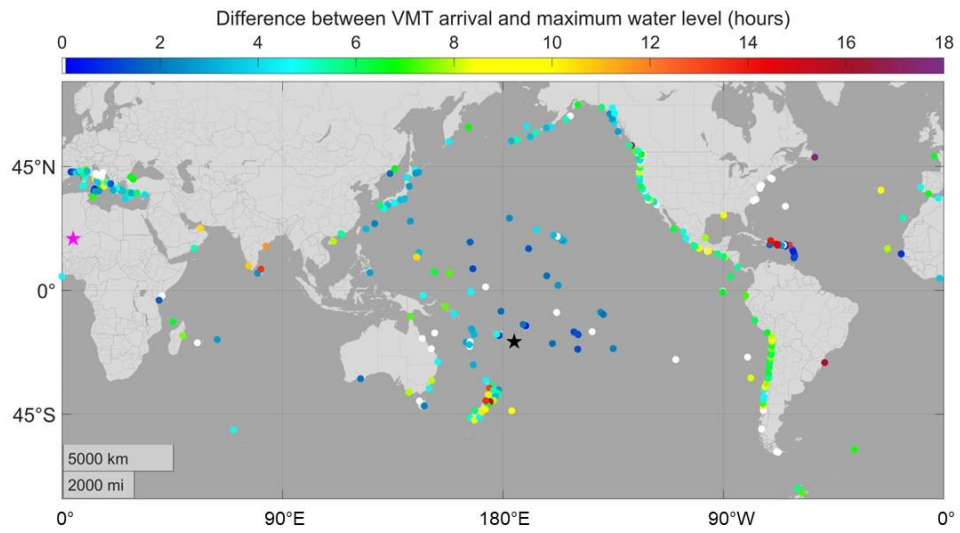
98 **Figure S7** Maximum negative (minimum) overall residual water levels (combined VMT and
 99 oceanic tsunami).

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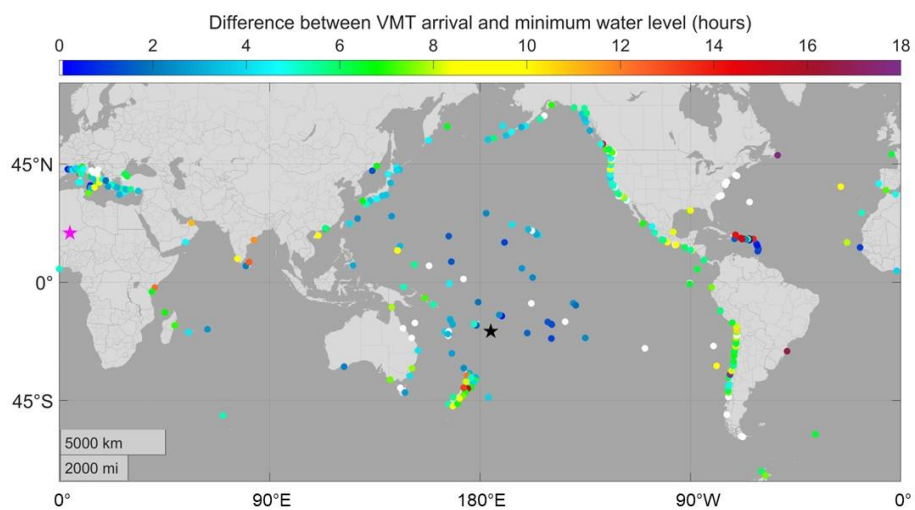
102 **Figure S8** Time of maximum negative (minimum) water level (hours after eruption). White dots
 103 indicate the exact VMT arrival time could not be clearly determined.



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105 **Figure S9** Time difference between VMT arrival and time of overall maximum residual water
 106 level (hours). White dots indicate the exact VMT arrival time could not be clearly determined.

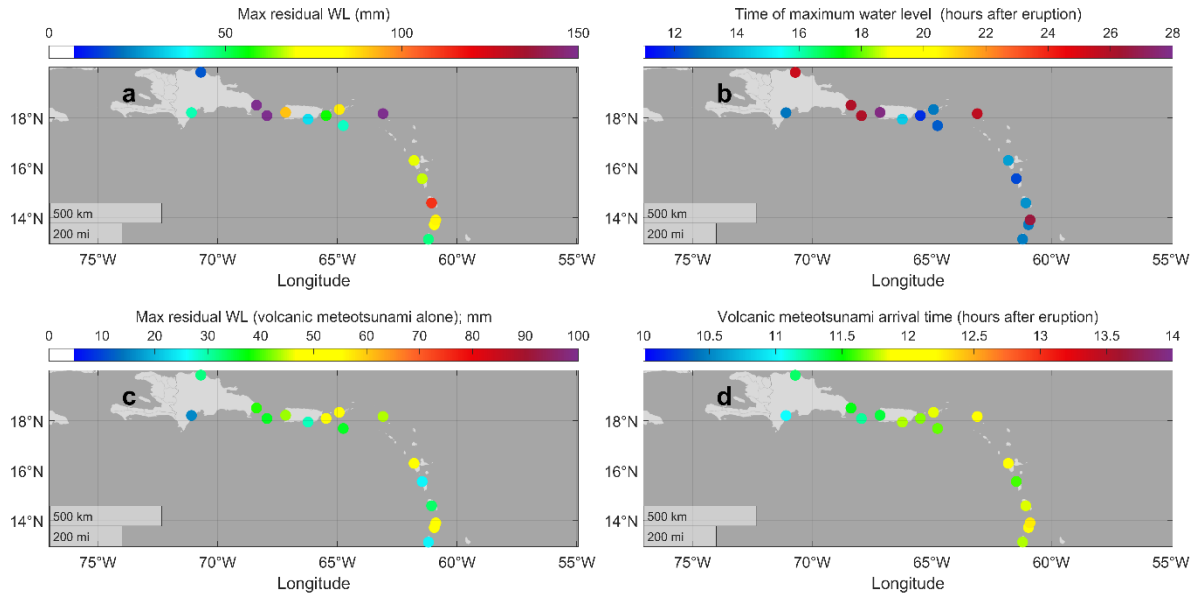
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109 **Figure S10** Time difference between volcanic meteotsunami arrival and time of overall
 110 minimum water level (hours). White dots indicate the exact VMT arrival times could not be
 111 clearly determined.

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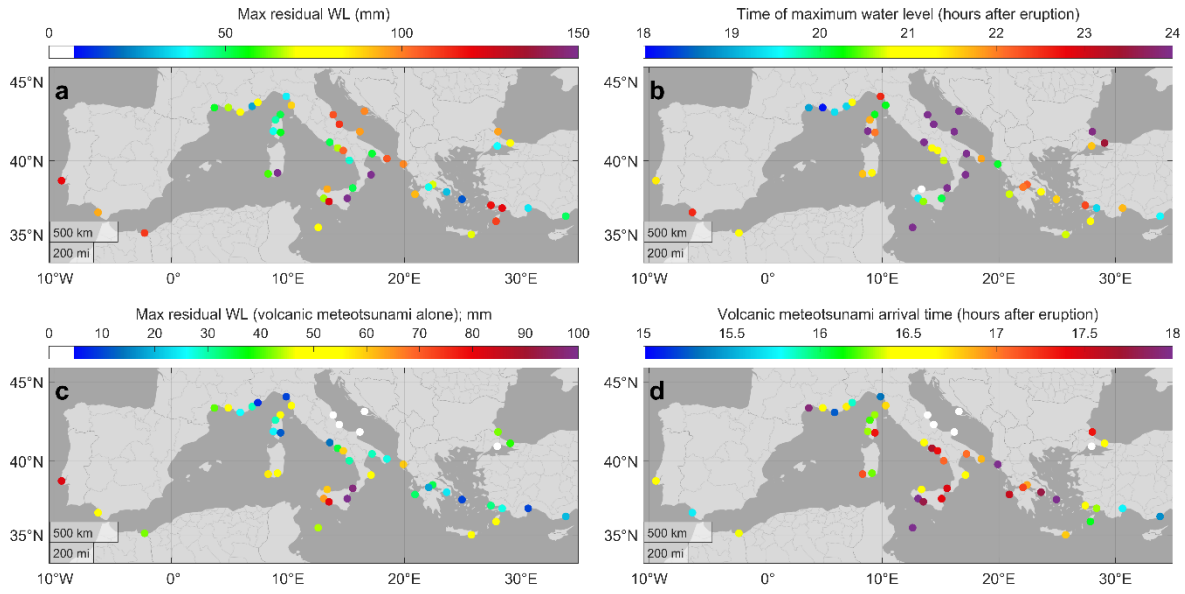


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114 **Figure S11** Expanded view of the Caribbean Sea (same results as Fig. 1; different scales).

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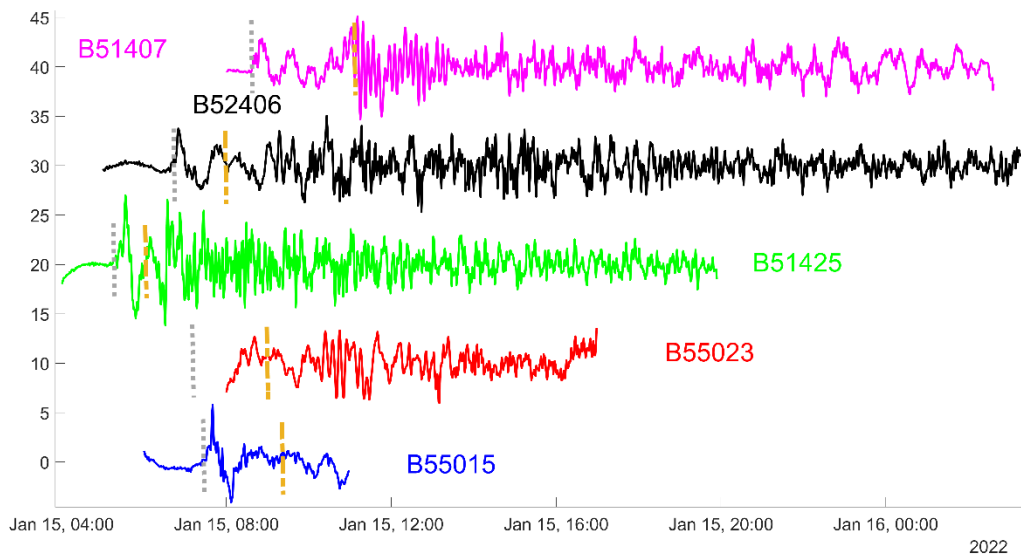
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118 **Figure S12** Expanded view of the Mediterranean Sea (same results as Fig. 1; different scales).

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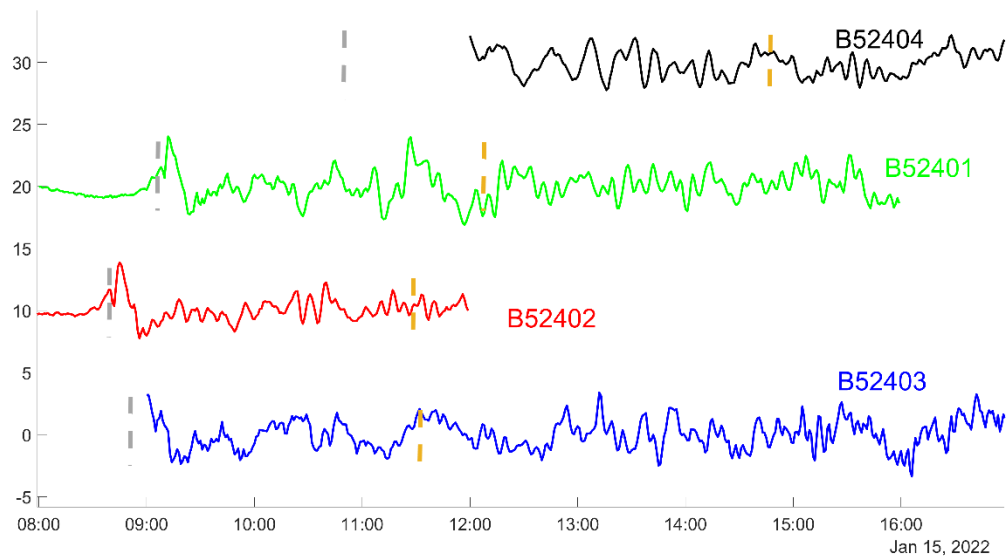


120

121 **Figure S13** WL response to the volcanic meteotsunami and oceanic tsunami at NDBC deep-
 122 water buoys in the Central/Southwest Pacific. Buoys numbers are official NDBC designations;
 123 details of each buoy can be found in Table S1, and locations are shown in Figure 2(a). Each buoy
 124 is offset 10 cm vertically from each other. VMT arrivals are based on a theoretical travel time of
 125 1115 km/hr^{-1} as indicated by grey, dotted vertical lines, and oceanic tsunami arrivals are based
 126 on an average travel time of 700 km/hr^{-1} as indicated by orange, dash-dot vertical lines.

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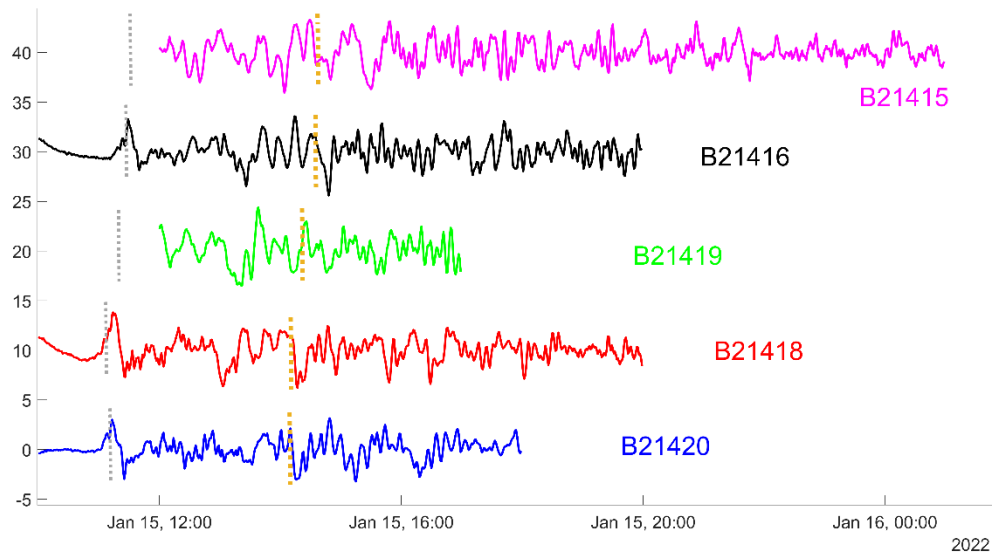
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130 **Figure S14** WL response to the volcanic meteotsunami and oceanic tsunami at NDBC deep-
 131 water buoys in the West Pacific. Buoys numbers are official NDBC designations; details of each
 132 buoy can be found in Table S1, and locations are shown in Figure 2(a). Each buoy is offset 10
 133 cm vertically from each other. VMT arrivals are based on a theoretical travel time of 1115 km/hr^{-1}
 134 ¹ as indicated by grey, dashed vertical lines, and oceanic tsunami arrivals are based on an average
 135 travel time of 700 km/hr^{-1} as indicated by orange, dashed vertical lines.

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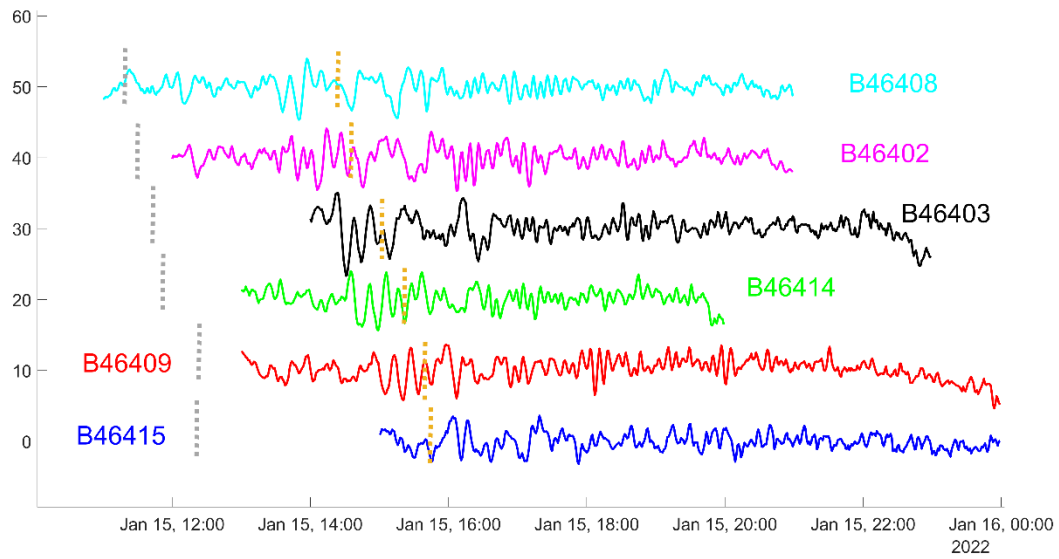
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140 **Figure S15** WL response to the volcanic meteotsunami and oceanic tsunami at NDBC deep-
 141 water buoys in the Northwest Pacific. Buoys numbers are official NDBC designations; details of
 142 each buoy can be found in Table S1, and locations are shown in Figure 2(a). Each buoy is offset
 143 10 cm vertically from each other. VMT arrivals are based on a theoretical travel time of 1115
 144 km/hr^{-1} as indicated by grey, dotted vertical lines, and oceanic tsunami arrivals are based on an
 145 average travel time of 700 km/hr^{-1} as indicated by orange, dotted vertical lines.

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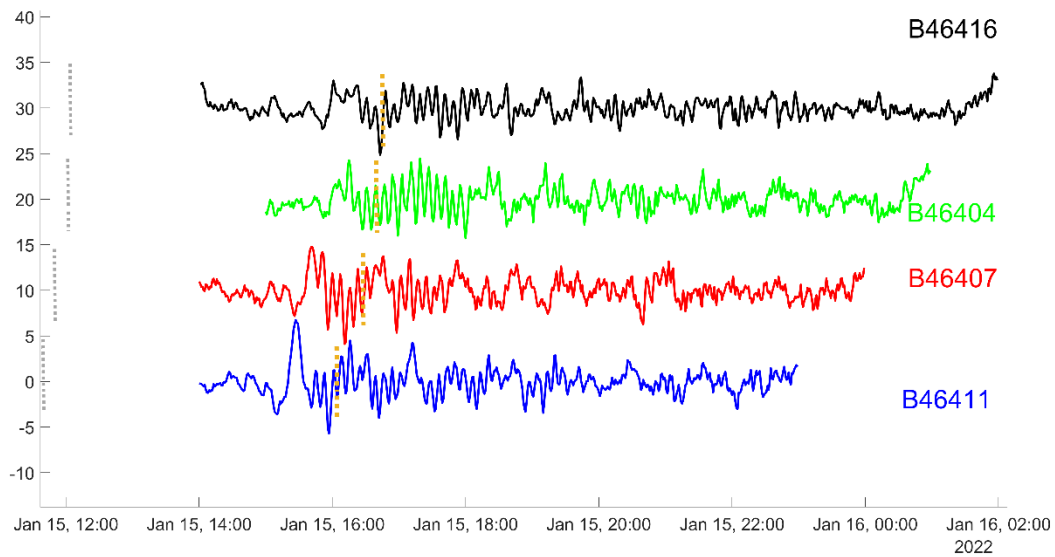
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150 **Figure S16** WL response to the volcanic meteotsunami and oceanic tsunami at NDBC deep-
 151 water buoys in the North Pacific. Buoys numbers are official NDBC designations; details of each
 152 buoy can be found in Table S1, and locations are shown in Figure 2(a). Each buoy is offset 10
 153 cm vertically from each other. VMT arrivals are based on a theoretical travel time of 1115 km/hr^{-1}
 154 ¹ as indicated by grey, dotted vertical lines, and oceanic tsunami arrivals are based on an average
 155 travel time of 700 km/hr^{-1} as indicated by orange, dotted vertical lines.

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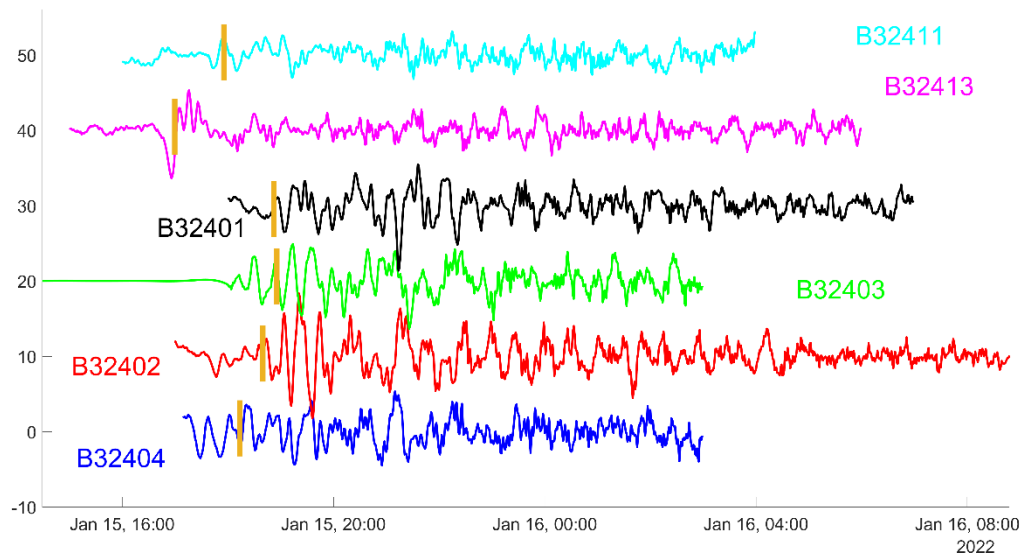
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160 **Figure S17** WL response to the volcanic meteotsunami and oceanic tsunami at NDBC deep-
 161 water buoys in the Northeast Pacific. Buoys numbers are official NDBC designations; details of
 162 each buoy can be found in Table S1, and locations are shown in Figure 2(a). Each buoy is offset
 163 10 cm vertically from each other. VMT arrivals are based on a theoretical travel time of 1115
 164 km/hr^{-1} as indicated by grey, dotted vertical lines, and oceanic tsunami arrivals are based on an
 165 average travel time of 700 km/hr^{-1} as indicated by orange, dotted vertical lines.

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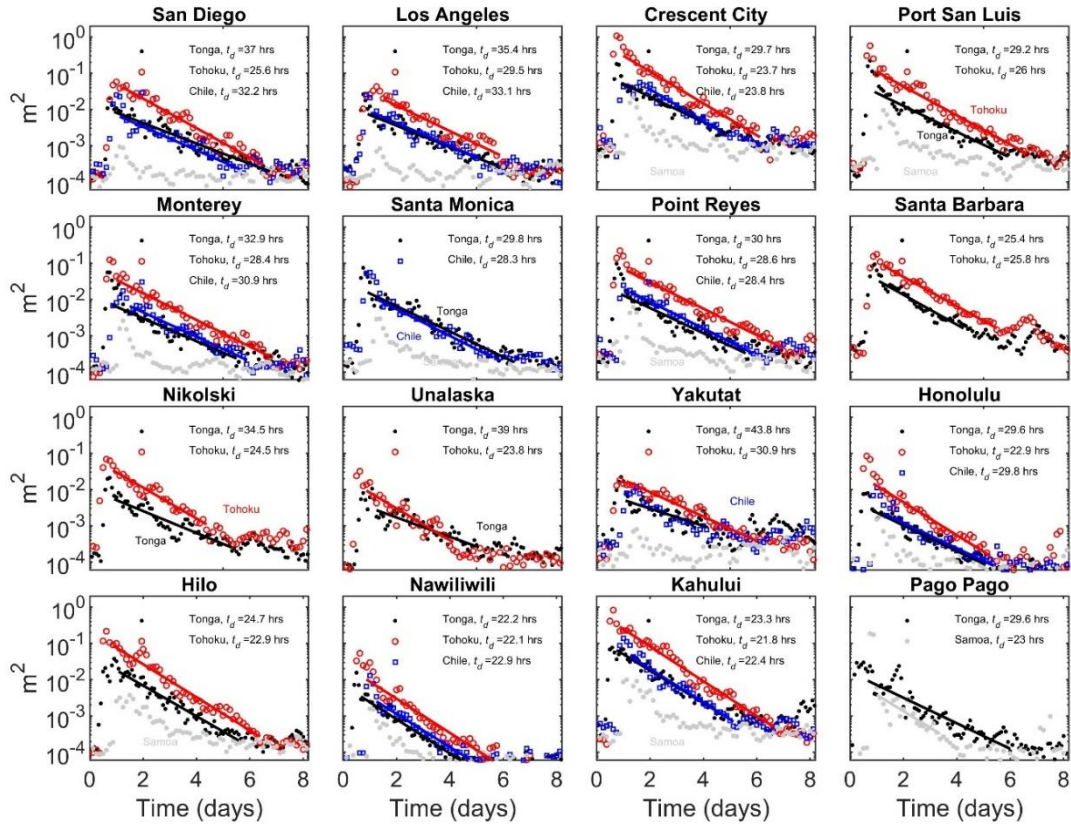
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169

170 **Figure S18** WL response to the volcanic meteotsunami and oceanic tsunami at NDBC deep-
 171 water buoys in the Southeast Pacific. Buoys numbers are official NDBC designations; details of
 172 each buoy can be found in Table S1, and locations are shown in Figure 2(a). Each buoy is offset
 173 10 cm vertically from each other. Oceanic tsunami arrivals are based on an average travel time of
 174 700 km/hr^{-1} as indicated by orange vertical lines. None of these stations recorded the VMT,
 175 which arrived a few hours before the starting time axis of this plot.

176



177

178 **Figure S19** Individual comparisons of energy decay time scales at Northern Pacific locations for
 179 the Tonga (2022), Chile (2010), Samoa (2009), and Tohoku (2011) tsunami events. Sixteen
 180 locations are shown in California, Alaska, Hawaii, and Pago Pago. In all plots, the Tonga Event
 181 is indicated by black markers, Tohoku by red, and Chile by blue. A line is fit to each spectral
 182 energy decay curve and an e-folding time-decay estimated (see main text). Some locations did
 183 not have data for one or two events. The Pago Pago plot at the bottom right only compares
 184 Tonga to the 2009 Samoa Event (grey).

185 **Table S1** Stations used for analysis in this study (including tide gauges and deep-water buoys).
 186 Given are station names/countries, latitude and longitude, distance from the Tonga volcano, data
 187 source, and filename of each station used in the online repository. EC: European Commission;
 188 IOC: Intergovernmental Oceanographic Commission; NOAA: National Oceanic and
 189 Atmospheric Administration; LINZ: Land Information New Zealand; NIWA: National Institute
 190 of Water and Atmospheric Research (NZ).

191

<u>Station</u>	<u>Lat</u>	<u>Lon</u>	<u>Distance (km)</u>	<u>Data Source</u>	<u>Filename</u>
<i>Suva, Fiji</i>	-18.134199	178.423599	702.58	EC	Suva
<i>Lautoka, Fiji</i>	-17.6049	177.438293	821.76	EC	Lautoka
<i>Ouinne, New Caledonia</i>	-21.982878	166.683273	1864.41	EC	Ouinne
<i>Hienghene, New Caledonia</i>	-20.692833	164.942169	2046.58	EC	Hienghene
<i>Noumea, New Caledonia</i>	-22.247	166.412003	1893.37	EC	Noumea
<i>Ouvea, New Caledonia</i>	-20.549816	166.561867	1879.11	IOC	Ouvea
<i>Thio, New Caledonia</i>	-21.613805	166.241528	1909.35	IOC	Thio
<i>Fongafele, Tuvalu</i>	-8.5025	179.195206	1459.33	EC	Fongafele
<i>Port Vila, Vanuatu</i>	-17.755301	168.307693	1740.14	EC	PortVila
<i>Luganville, Vanuatu</i>	-15.5156	167.188599	1924.23	EC	Luganville
<i>Litzlitz, Vanuatu</i>	-16.11283	167.44397	1877.13	IOC	Litzlitz
<i>Honiara, Solomon Islands</i>	-9.4289	159.955505	2917.02	EC	Honiara
<i>Tarekukure Wharf, Solomon Islands</i>	-6.6928	156.4086	3405.77	EC	Tarekukure
<i>Lombrum/Manus, Papua New Guinea</i>	-2.0421	147.373703	4531.82	EC	Lombrum
<i>Pago Pago, American Samoa</i>	-14.2766	-170.690704	855.49	NOAA	PagoPago
<i>Apia, American Samoa</i>	-13.8268	-171.761307	839.22	NOAA	ApiaSamoa
<i>Tarawa, Kiribati</i>	1.363	172.929993	2747.69	EC	Tarawa
<i>Christmas, Kiribati</i>	1.984	-157.473007	3174.64	EC	ChristmasKB
<i>Palmyra Island, USA</i>	5.89	-162.089996	3277.66	EC	Palmyra
<i>Penrhyn, Cook Islands</i>	-9.001	-158.050995	2258.69	EC	Penrhyn
<i>Hilo, HI, USA</i>	19.733	-155.057999	4994.44	NOAA	Hilo
<i>Kawaihae, HI, USA</i>	20.035999	-155.832001	4987.86	NOAA	Kawaihae
<i>Kahului, HI, USA</i>	20.898001	-156.472	5045.13	NOAA	Kahului
<i>Honolulu, HI, USA</i>	21.306999	-157.867004	5026.97	NOAA	Honolulu
<i>Barbers Point, HI, USA</i>	21.3218	-158.119293	5018.17	NOAA	BarbersPoint
<i>Mokuoloe, HI, USA</i>	21.4331	-157.789993	5043.00	NOAA	Mokuoloe
<i>Nawiliwili, HI, USA</i>	21.957001	-159.360001	5035.09	NOAA	Nawiliwili
<i>French Frigate Shoals, HI, USA</i>	23.867001	-166.283005	5034.75	NOAA	FrenchFrigate
<i>Johnston Island, USA</i>	16.739	-169.5233	4193.82	NOAA	Johnston
<i>Midway, Island, USA</i>	28.207001	-177.356003	5424.12	NOAA	Midway
<i>Rarotonga, Cook Islands</i>	-21.200001	-159.783005	1621.78	EC	Rarotonga
<i>Tubuai, Austral Islands</i>	-23.341999	-149.475998	2686.56	EC	Tubuai
<i>Huahine Island, French Polynesia</i>	-16.722	-151.031998	2597.95	EC	Huahine

<i>Papeete, Tahiti, French Polynesia</i>	-17.533092	-149.572678	2730.53	EC	Papeete
<i>Vairao, Tahiti, French Polynesia</i>	-17.805923	-149.295303	2753.67	EC	Vairao
<i>Makemo, Tuamotu, French Polynesia</i>	-16.6269	-143.569107	3375.76	EC	Makemo
<i>Rikitea, French Polynesia</i>	-23.117774	-134.968888	4168.47	IOC	Rikitea
<i>Nuku Hiva, French Polynesia</i>	-8.9219	-140.095306	3997.18	EC	NukuHiva
<i>Hiva Oa, French Polynesia</i>	-9.8047	-139.034393	4068.08	EC	HivaOa
<i>Easter Island, Chile</i>	-27.15485	-109.4394	6673.38	EC	Easter
<i>Juan Fernandez Island, Chile</i>	-33.617001	-78.824997	9336.31	EC	JuanFernandez
<i>San Felix Island, Chile</i>	-26.257999	-80.124001	9508.60	EC	SanFelix
<i>Baltra, Galapagos Islands</i>	-0.433	-90.282997	9480.35	EC	Baltra
<i>Santa Cruz, Galapagos Islands</i>	-0.752	-90.306999	9465.40	EC	SantaCruzGI
<i>Wake Island, USA</i>	19.290001	166.617996	4842.91	NOAA	Wake
<i>Kwajalein Island, USA</i>	8.7367	167.738297	3741.86	NOAA	Kwajalein
<i>Chuuk, Micronesia</i>	7.4536833	151.898242	4740.68	IOC	Chuuk
<i>Nauru</i>	-0.5319	166.9092	2941.50	IOC	Nauru
<i>Pohnpei, Micronesia</i>	6.9806	158.200104	4206.74	EC	Pohnpei
<i>Saipan Island, USA</i>	15.2266	145.741592	5817.29	EC	Saipan
<i>Pago Bay, Guam, USA</i>	13.4283	144.796997	5762.29	NOAA	GuamPagoBay
<i>Apra Harbor, Guam, USA</i>	13.438	144.651993	5774.96	NOAA	GuamApra
<i>Chichijima Island, Japan</i>	27.09	142.190002	6993.49	EC	Chichijima
<i>Naha, Japan</i>	26.219999	127.669998	8044.97	EC	Naha
<i>Ishigaki, Japan</i>	24.200001	124.099998	8222.22	EC	Ishigaki
<i>Nikol'skoe, Russia</i>	55.2	166.02	8604.28	EC	Nikolskoe
<i>Vodopadnaya, Russia</i>	51.726762	157.988892	8442.92	EC	Vodopadnaya
<i>Preobrazheniye, Russia</i>	42.909229	133.922482	8753.06	IOC	Preobrazheniye
<i>Rudnaya Pristan, Russia</i>	44.35	135.8	8752.60	IOC	Rudnaya
<i>Abashiri, Japan</i>	44.02	144.289993	8268.43	EC	Abashiri
<i>Hanasaki, Japan</i>	43.279999	145.570007	8139.91	EC	Hanasaki
<i>Kushiro, Japan</i>	42.98	144.369995	8174.57	EC	Kushiro
<i>Hakodate, Japan</i>	41.779999	140.720001	8269.28	EC	Hakodate
<i>Ofunato, Japan</i>	39	141.75	7981.82	EC	Ofunato
<i>Mera, Japan</i>	34.919998	139.830002	7769.22	EC	Mera
<i>Omaezaki, Japan</i>	34.599998	138.229996	7848.09	EC	Omaezaki
<i>Kushimoto, Japan</i>	33.48	135.770004	7929.11	EC	Kushimoto
<i>Tosashimizu, Japan</i>	32.779999	132.970001	8075.67	EC	Tosashimizu
<i>Aburatsu, Japan</i>	31.58	131.410004	8105.79	EC	Aburatsu
<i>Nagasaki, Japan</i>	32.740002	129.869995	8299.42	EC	Nagasaki
<i>Shek Pik, Hong Kong SAR, China</i>	22.220278	113.894444	9025.52	IOC	ShekPik
<i>Quarry Bay, Hong Kong SAR, China</i>	22.2911111	114.213333	8999.72	IOC	QuarryBay
<i>Shenzhen, China</i>	22.47	113.88	9039.27	IOC	Shenzhen
<i>Qinglan, China</i>	19.57	110.82	9185.33	IOC	Qinglan

<i>Davao, Philippines</i>	7.1537	125.6629	7136.86	IOC	Davao
<i>Esperance, Australia</i>	-33.870899	121.895401	6283.19	EC	Esperance
<i>Portland, Australia</i>	-38.343399	141.613205	4558.73	EC	PortlandAU
<i>Burnie, Australia</i>	-41.050098	145.914993	4292.33	EC	Burnie
<i>Spring Bay, Australia</i>	-42.545898	147.932693	4199.93	EC	SpringBay
<i>Port Kembla, Australia</i>	-34.473801	150.911896	3644.67	EC	PortKembla
<i>Twofold Bay, Australia</i>	-37.1003	149.9266	3818.21	IOC	TwoFoldBay
<i>Gold Coast, Australia</i>	-27.9387	153.4326	3257.40	IOC	GoldCoast
<i>Rossllyn Bay, Australia</i>	-23.161	150.7902	3495.81	EC	RossllynBay
<i>Norfolk Island, Australia</i>	-29.0591	167.9536	1927.61	IOC	NorfolkIsland
<i>Lihou Reef, Australia</i>	-17.133	152.145	3432.82	IOC	LihouReef
<i>Torres Strait, Australia</i>	-10.5865	142.2219	4659.68	IOC	TorresStrait
<i>Cape Ferguson, Australia</i>	-19.2773	147.058395	3920.81	IOC	CapeFerguson
<i>Chatham Island, New Zealand</i>	-44.025002	-176.369003	2613.45	EC	Chatham
<i>North Cape, New Zealand</i>	-34.41	173.050003	1915.70	EC	NorthCape
<i>Great Barrier Island, New Zealand</i>	-36.188999	175.488907	1953.88	EC	GreatBarrier
<i>Auckland, New Zealand</i>	-36.831402	174.786499	2047.11	EC	Auckland
<i>Manakau, New Zealand</i>	-37.047001	174.511993	2080.17	EC	Manakau
<i>Tauranga, New Zealand</i>	-37.64109	176.181183	2068.75	EC	Tauranga
<i>East Cape, New Zealand</i>	-37.549999	178.158997	1991.92	EC	EastCape
<i>Gisborne, New Zealand</i>	-38.675411	178.022873	2113.77	EC	Gisborne
<i>Napier, New Zealand</i>	-39.475662	176.920059	2230.33	EC	Napier
<i>Castlepoint, New Zealand</i>	-40.898998	176.231995	2399.00	EC	Castlepoint
<i>Wellington, New Zealand</i>	-41.284622	174.779099	2486.62	EC	Wellington
<i>Kaikoura, New Zealand</i>	-42.412998	173.703003	2638.24	EC	Kaikoura
<i>Christchurch, New Zealand</i>	-43.57	172.772995	2787.14	EC	Christchurch
<i>Puysegur Welcome Bay, New Zealand</i>	-46.084999	166.589005	3280.64	EC	Puysegur
<i>Jackson Bay, New Zealand</i>	-43.973301	168.616104	2996.98	EC	JacksonBay
<i>Dog Island, New Zealand</i>	-46.65	168.412222	3254.00	NIWA	DogIsland
<i>Green Island, New Zealand</i>	-45.952778	170.387778	3109.59	NIWA	GreenIsland
<i>Westgate Port Taranaki, New Zealand</i>	-39.055	174.035	2294.43	NIWA	Taranaki
<i>Timaru, New Zealand</i>	-44.389444	171.256389	2924.68	NIWA	Timaru
<i>Moturiki, New Zealand</i>	-37.633611	176.192222	2067.58	NIWA	Moturiki
<i>Little Kaiteriteri, New Zealand</i>	-41.026667	173.018333	2528.04	NIWA	LittleKaiteriteri
<i>Scott Base, Antarctica</i>	-77.841111	167.09	6441.13	LINZ	ScottBase
<i>Base Prat, Antarctica</i>	-62.478802	-59.664398	9219.80	EC	BasePrat
<i>Vernadsky-Faraday, Antarctica</i>	-65.25	-64.27	8871.59	EC	Vernadsky
<i>Base O'Higgins, Antarctica</i>	-63.321	-57.901	9244.86	IOC	BaseOHiggins
<i>King Edward Point, Sandwich Islands</i>	-54.28	-36.5	10819.33	IOC	KingEdward
<i>Puerto Williams, Chile</i>	-54.9333	-67.611198	9222.49	EC	PuertoWilliams
<i>Ushuaia, Chile</i>	-54.817001	-68.217003	9193.22	EC	Ushuaia

<i>Puerto Eden, Chile</i>	-49.132	-74.421898	9056.12	EC	PuertoEden
<i>Puerto Melinka, Chile</i>	-43.898331	-73.748329	9323.49	EC	PuertoMelinka
<i>Castro, Chile</i>	-42.480549	-73.758331	9383.75	EC	Castro
<i>Ancud, Chile</i>	-41.866913	-73.83168	9404.66	EC	Ancud
<i>Bahia Mansa, Chile</i>	-40.580799	-73.737198	9467.64	EC	BahiaMansa
<i>Corral, Chile</i>	-39.866699	-73.433296	9522.55	EC	Corral
<i>Lebu, Chile</i>	-37.59	-73.660004	9604.42	EC	Lebu
<i>Coronel, Chile</i>	-37.028957	-73.151779	9670.46	EC	Coronel
<i>Talcahuano, Chile</i>	-36.6833	-73.099998	9690.07	EC	Talcahuano
<i>Quiriquina, Chile</i>	-36.636139	-73.057259	9695.67	EC	Quiriquina
<i>Constitucion, Chile</i>	-35.360001	-72.459999	9802.19	EC	Constitucion
<i>San Antonio, Chile</i>	-33.583302	-71.633301	9952.56	EC	SanAntonio
<i>Valparaiso, Chile</i>	-33.033001	-71.616997	9979.36	EC	Valparaiso
<i>Quintero, Chile</i>	-32.775551	-71.525284	9999.05	EC	Quintero
<i>Pichidangui, Chile</i>	-32.135609	-71.529297	10028.33	EC	Pichidangui
<i>Coquimbo, Chile</i>	-29.93	-71.349998	10146.11	EC	Coquimbo
<i>Huasco, Chile</i>	-28.460819	-71.223831	10225.46	EC	Huasco
<i>Caldera, Chile</i>	-27.058001	-70.834	10325.64	EC	Caldera
<i>Chañaral, Chile</i>	-26.356667	-70.646111	10375.35	EC	Chañaral
<i>Taltal, Chile</i>	-25.40811	-70.491676	10433.76	EC	Taltal
<i>Paposo, Chile</i>	-25.00898	-70.468727	10454.54	EC	Paposo
<i>Antofagasta, Chile</i>	-23.653133	-70.404442	10523.82	EC	Antofagasta
<i>Mejillones, Chile</i>	-23.0975	-70.450829	10545.43	EC	Mejillones
<i>Tocopilla, Chile</i>	-22.09376	-70.211647	10614.49	EC	Tocopilla
<i>Patache, Chile</i>	-20.800278	-70.194168	10676.29	EC	Patache
<i>Iquique, Chile</i>	-20.2167	-70.169998	10705.63	EC	Iquique
<i>Pisagua, Chile</i>	-19.5966	-70.2136	10730.17	EC	Pisagua
<i>Arica, Chile</i>	-18.4758	-70.323227	10771.28	EC	Arica
<i>Matarani, Peru</i>	-17.0009	-72.108803	10665.18	EC	Matarani
<i>Callao, Peru</i>	-12.071	-77.174004	10373.30	EC	Callao
<i>La Libertad, Ecuador</i>	-2.209	-80.902	10387.30	EC	LaLibertad
<i>Cocos Island, Costa Rica</i>	5.556083	-87.04783	10051.31	IOC	CocosIslandCR
<i>Quepos, Costa Rica</i>	9.4255	-84.1702	10498.50	IOC	Quepos
<i>La Libertad, El Salvador</i>	13.4851	-89.319	10130.38	IOC	LaLibertadSV
<i>Acajutla, El Salvador</i>	13.573792	-89.838128	10081.48	IOC	Acajutla
<i>Puerto Madero, Mexico</i>	14.712	-92.401001	9869.96	EC	PuertoMadero
<i>Puerto Angel, Mexico</i>	15.66667	-96.491669	9503.65	EC	PuertoAngel
<i>Huatulco, Mexico</i>	15.75006	-96.11689	9544.23	EC	Huatulco
<i>Acapulco, Mexico</i>	16.837999	-99.903	9221.15	EC	Acapulco
<i>Lazaro Cardenas, Mexico</i>	17.940001	-102.178001	9052.19	EC	Lazaro
<i>Zihuatanejo, Mexico</i>	17.636669	-101.558296	9097.59	EC	Zihuatanejo

<i>Puerto Vallarta, Mexico</i>	20.6579333	-105.242867	8893.74	IOC	PuertoVallarta
<i>Mazatlan, Mexico</i>	23.181	-106.424004	8912.70	IOC	Mazatlan
<i>La Paz, Mexico</i>	24.2673167	-110.332833	8620.79	IOC	LaPaz
<i>San Diego, CA, USA</i>	32.714199	-117.173599	8558.37	NOAA	SanDiego
<i>La Jolla, CA, USA</i>	32.867001	-117.258003	8561.73	NOAA	LaJolla
<i>Los Angeles, CA, USA</i>	33.719898	-118.272903	8540.50	NOAA	LosAngeles
<i>Santa Monica, CA, USA</i>	34.008301	-118.5	8542.55	NOAA	SantaMonica
<i>Santa Barbara, CA, USA</i>	34.403099	-119.692802	8480.98	NOAA	SantaBarbara
<i>Oil Platform Harvest, CA, USA</i>	34.4692	-120.6819	8413.57	NOAA	OilPlatform
<i>Port San Luis, CA, USA</i>	35.1688	-120.754204	8456.28	NOAA	PortSanLuis
<i>Monterey, CA, USA</i>	36.605	-121.8881	8476.26	NOAA	Monterey
<i>San Francisco, CA, USA</i>	37.806301	-122.465897	8521.78	NOAA	SanFrancisco
<i>Alameda, CA, USA</i>	37.771999	-122.297997	8530.68	NOAA	Alameda
<i>Richmond, CA, USA</i>	37.923	-122.409599	8533.89	NOAA	Richmond
<i>Redwood City, CA, USA</i>	37.506802	-122.211502	8517.72	NOAA	RedwoodCity
<i>Point Reyes, CA, USA</i>	37.996101	-122.9767	8501.05	NOAA	PointReyes
<i>Arena Cove, CA, USA</i>	38.912998	-123.705002	8519.25	NOAA	ArenaCove
<i>North Spit, CA, USA</i>	40.7663	-124.217201	8622.45	NOAA	NorthSpit
<i>Crescent City, CA, USA</i>	41.744999	-124.182999	8697.03	NOAA	CrescentCity
<i>Port Orford, OR, USA</i>	42.738998	-124.498299	8751.69	NOAA	PortOrford
<i>Charleston, OR, USA</i>	43.345001	-124.321701	8807.56	NOAA	CharlestonOR
<i>South Beach, OR, USA</i>	44.625	-124.042999	8919.55	NOAA	SouthBeachOR
<i>Garibaldi, OR, USA</i>	45.554501	-123.9189	8996.08	NOAA	Garibaldi
<i>Astoria, OR, USA</i>	46.208	-123.766998	9053.52	NOAA	Astoria
<i>Toke Point, WA, USA</i>	46.7075	-123.966904	9079.46	NOAA	TokePoint
<i>Westport, WA, USA</i>	46.908001	-124.110001	9086.43	NOAA	Westport
<i>La Push, WA USA</i>	47.9133	-124.637001	9133.05	NOAA	LaPush
<i>Neah Bay, WA, USA</i>	48.3703	-124.601898	9169.59	NOAA	NeahBay
<i>Port Angeles, WA, USA</i>	48.124699	-123.441101	9214.53	NOAA	PortAngeles
<i>Port Townsend, WA, USA</i>	48.1129	-122.759499	9251.42	NOAA	PortTownsend
<i>Friday Harbor, WA, USA</i>	48.5453	-123.012901	9269.31	NOAA	FridayHarbor
<i>Bamfield, BC, Canada</i>	48.84	-125.139999	9176.50	EC	Bamfield
<i>Victoria Harbour, BC, Canada</i>	48.42	-123.37	9240.41	IOC	Victoria
<i>Tofino, BC, Canada</i>	49.15	-125.91	9159.78	IOC	Tofino
<i>Port Alberni, BC, Canada</i>	49.2256	-124.8137	9223.22	IOC	PortAlberni
<i>Port Hardy, BC, Canada</i>	50.716667	-127.483333	9202.69	IOC	PortHardy
<i>Winter Harbour, BC, Canada</i>	50.7	-128.3	9161.33	IOC	WinterHarbour
<i>Henslung Cove, BC, Canada</i>	54.18333	-133	9239.02	IOC	HenslungCove
<i>Port Alexander, AK, USA</i>	56.2467	-134.647003	9352.77	NOAA	PortAlexander
<i>Sitka, AK, USA</i>	57.051701	-135.341705	9397.82	NOAA	Sitka
<i>Elfin Cove, AK, USA</i>	58.193298	-136.343307	9463.80	NOAA	ElfinCove

<i>Juneau, AK, USA</i>	58.298302	-134.412003	9541.36	NOAA	Juneau
<i>Skagway, AK, USA</i>	59.450001	-135.326996	9610.79	NOAA	Skagway
<i>Yakutat, AK, USA</i>	59.548	-139.735001	9476.39	NOAA	Yakutat
<i>Kodiak Island, AK, USA</i>	57.73	-152.513333	8957.51	NOAA	Kodiak
<i>Seward, AK, USA</i>	60.12	-149.426667	9271.29	NOAA	Seward
<i>Altiak, AK, USA</i>	56.897499	-154.248093	8833.92	NOAA	Altiak
<i>Sand Point, AK, USA</i>	55.3367	-160.501694	8553.74	NOAA	SandPoint
<i>King Cove, AK, USA</i>	55.059898	-162.326096	8496.91	NOAA	KingCove
<i>Unalaska, AK, USA</i>	53.883331	-166.533295	8318.46	NOAA	Unalaska
<i>Nikolski, AK, USA</i>	52.9381	-168.8678	8194.15	NOAA	Nikolski
<i>Atka, AK, USA</i>	52.231998	-174.173004	8092.28	NOAA	Atka
<i>Adak, AK, USA</i>	51.862999	-176.632004	8051.32	NOAA	Adak
<i>St. Paul Island, AK, USA</i>	55.3367	-170.285202	8450.49	NOAA	StPaul
<i>Kerguelen Island, France</i>	-49.352501	70.021797	9929.42	EC	Kerguelen
<i>Rodrigues, Mauritius</i>	-19.680241	63.421188	12208.21	EC	Rodrigues
<i>Pointe Des Galets, Reunion Island</i>	-20.92	55.279999	12833.93	EC	Reunion
<i>Toamasina, Madagascar</i>	-18.1536	49.4281	13506.44	IOC	Toamasina
<i>Lamu, Kenya</i>	-2.2667	40.9	15319.04	IOC	Lamu
<i>Mombasa, Kenya</i>	-4.067	39.65	15314.90	IOC	Mombasa
<i>Dzaoudzi (Mayotte)</i>	-12.783	45.2583	14230.54	IOC	Dzaoudzi
<i>Cochin, India</i>	9.96	76.26	12293.57	IOC	Cochin
<i>Majis, Oman</i>	24.518	56.606	14687.46	IOC	Majis
<i>Salalah, Oman</i>	16.935	54.0067	14817.82	IOC	Salalah
<i>Colombo, Sri Lanka</i>	6.9406	79.8503833	11811.23	IOC	Colombo
<i>Trincomalee, Sri Lanka</i>	8.5637	81.1996	11730.33	IOC	Trincomalee
<i>Visakhapatnam, India</i>	17.68	83.28	11828.50	IOC	Visakhapatnam
<i>Dakar, Senegal</i>	14.676	-17.42	17592.74	IOC	Dakar
<i>Tema, Ghana</i>	5.635343	0.011775	18285.00	IOC	Tema
<i>Takoradi, Ghana</i>	4.882123	-1.744972	18143.53	IOC	Takoradi
<i>Garachico, Spain</i>	28.373376	-16.752875	17687.55	IOC	Garachico
<i>Palmeira, Cabo Verde Islands</i>	16.755	-22.9833	17080.42	IOC	Palmeira
<i>Ponta Delgada, Azores Islands</i>	37.73	-25.68	17688.00	IOC	PontaDelgada
<i>Concarneau, France</i>	47.8737	-3.90738	16880.35	IOC	Concarneau
<i>Cascais, Portugal (IPMA-IGCAS)</i>	38.6932	-9.4154	17589.41	IOC	Cascais
<i>Cadiz, Spain</i>	36.54214	-6.280612	17944.74	IOC	Cadiz
<i>Saidia Marina, Morocco</i>	35.1119	-2.2929	18258.94	IOC	Saidia
<i>Sete, France</i>	43.397598	3.69911	17471.56	EC	Sete
<i>Fos-Sur-Mer, France</i>	43.404999	4.893	17472.04	EC	FosSurMer
<i>Toulon, France</i>	43.122898	5.91472	17500.64	EC	Toulon
<i>La Figueirette, France</i>	43.483532	6.933767	17454.39	EC	LaFigueirette
<i>Fontvieille Harbour, Monaco</i>	43.728668	7.42158	17423.11	EC	Monaco

<i>Centuri, Corsica</i>	42.966904	9.350146	17482.17	EC	Centuri
<i>Ajaccio, Corsica</i>	41.919998	8.76	17605.69	EC	Ajaccio
<i>Solenzara, Corsica</i>	41.835999	9.374	17604.85	EC	Solenzara
<i>Ile Rousse, Corsica</i>	42.635556	8.938056	17524.79	EC	IleRousse
<i>Carloforte, Sardinia</i>	39.147968	8.309453	17915.66	EC	Carloforte
<i>Cagliari, Sardinia</i>	39.21019	9.114272	17894.63	EC	Cagliari
<i>La Spezia, Italy</i>	44.096611	9.857644	17350.83	EC	LaSpezia
<i>Livorno, Italy</i>	43.546291	10.29934	17402.65	EC	Livorno
<i>Gaeta, Italy</i>	41.209991	13.58974	17565.42	EC	Gaeta
<i>Napoli, Italy</i>	40.8414	14.26919	17579.80	EC	Napoli
<i>Salerno, Italy</i>	40.67664	14.75084	17578.83	EC	Salerno
<i>Palinuro, Italy</i>	40.029911	15.27529	17622.50	EC	Palinuro
<i>Messina, Sicily</i>	38.19632	15.56351	17787.30	EC	Messina
<i>Palermo, Sicily</i>	38.12141	13.37133	17886.17	EC	Palermo
<i>Sciacca, Sicily</i>	37.504539	13.07646	17959.20	EC	Sciacca
<i>Porto Empedocle, Sicily</i>	37.285759	13.52684	17963.22	EC	PortoEmpedocle
<i>Catania, Sicily</i>	37.498081	15.09383	17875.07	EC	Catania
<i>Lampedusa, Italy</i>	35.499828	12.60444	18177.57	EC	Lampedusa
<i>Crotone, Italy</i>	39.08358	17.13706	17630.65	EC	Crotone
<i>Taranto, Italy</i>	40.475601	17.223761	17496.64	EC	Taranto
<i>Otranto, Italy</i>	40.147148	18.497089	17467.22	EC	Otranto
<i>Vieste, Italy</i>	41.888081	16.17701	17404.59	IOC	Vieste
<i>Ortona, Italy</i>	42.3559	14.41486	17421.33	IOC	Ortona
<i>S.Benedetto Del Tronto, Italy</i>	42.9551222	13.8897583	17376.63	IOC	Benedetto
<i>Stari Grad, Croatia</i>	43.181	16.576	17262.20	IOC	StariGrad
<i>Peiraias, Greece</i>	37.935001	23.621	17353.44	EC	Peiraias
<i>Syros, Greece</i>	37.438	24.941	17299.36	EC	Syros
<i>Plimiri, Greece (NOA-02)</i>	35.9273	27.8575	17179.98	EC	Plimiri
<i>Ierapetra, Crete (NOA-04)</i>	35.0037499	25.7385292	17397.23	EC	Ierapetra
<i>Itea, Greece (NOA-05)</i>	38.4303513	22.4227791	17392.90	EC	Itea
<i>Aigio, Greece (NOA-06)</i>	38.2571411	22.0768509	17427.92	EC	Aigio
<i>Zakynthos, Greece (NOA-07)</i>	37.78142	20.9052	17537.64	EC	Zakynthos
<i>Kerykya, Greece (NOA-11)</i>	39.79	19.91	17426.55	EC	Kerykya
<i>Bodrum, Turkey</i>	37.028999	27.42	17147.88	EC	Bodrum
<i>Marmaris, Turkey</i>	36.8379898	28.3848457	17087.05	IOC	Marmaris
<i>Antalya, Turkey</i>	36.835537	30.6126099	16915.73	IOC	Antalya
<i>Tasucu, Turkey</i>	36.2814636	33.8362274	16684.39	IOC	Tasucu
<i>Marmara Ereğlisi, Turkey</i>	40.9689667	27.9621524	16851.15	IOC	MarmaraEreglisi
<i>Istanbul, Turkey</i>	41.1598396	29.074131	16764.73	IOC	Istanbul
<i>İgneada, Turkey</i>	41.8887634	28.0237198	16782.20	IOC	İgneada
<i>Imbituba, Brazil</i>	-28.2314	-48.6505	12133.26	IOC	Imbituba

<i>Vieux Fort, St Lucia</i>	13.7209	-60.9528	13048.84	IOC	VieuxFort
<i>Dennery, St Lucia</i>	13.9114	-60.8865	13061.63	IOC	Dennery
<i>Calliaqua, St Vincent and Grenadines</i>	13.129912	-61.1955	13005.07	IOC	Calliaqua
<i>Fort-de-France, Martinique</i>	14.601667	-61.063333	13064.49	IOC	Martinique
<i>Deshaies, Guadeloupe</i>	16.30529	-61.79591	13039.34	IOC	Guadeloupe
<i>Portsmouth, Dominica</i>	15.5768	-61.4582	13052.87	IOC	PortsmouthDominica
<i>Blowing Point, Anguilla</i>	18.1710861	-63.0926167	12958.97	IOC	BlowingPoint
<i>Baharona, Dominican Republic</i>	18.208137	-71.092154	12144.61	IOC	Baharona
<i>Puerto Plata, Dominican Republic</i>	19.798794	-70.702011	12232.04	IOC	PuertoPlata
<i>Punta Cana, Dominican Republic</i>	18.504603	-68.375519	12429.54	IOC	PuntaCana
<i>Charlotte Amelie, US Virgin Islands</i>	18.335	-64.92	12776.76	NOAA	CharlotteAmalie
<i>Lime Tree Bay, US Virgin Islands</i>	17.6947	-64.7538	12775.54	NOAA	LimeTreeBay
<i>Mayaguez, Puerto Rico</i>	18.2176	-67.1588	12545.00	NOAA	Mayaguez
<i>Vieques, Puerto Rico</i>	18.0939	-65.4714	12713.60	NOAA	Vieques
<i>Salinas, Puerto Rico</i>	17.949063	-66.225967	12632.37	NOAA	Salinas
<i>Mona Island, Puerto Rico</i>	18.09	-67.9383	12461.82	NOAA	MonaIsland
<i>Tuxpan, Mexico</i>	20.96355	-97.3286	9653.71	IOC	Tuxpan
<i>Bermuda Biological Station</i>	32.369999	-64.695	13104.76	NOAA	BermudaBio
<i>St Johns, Canada</i>	47.57	-52.72	14106.51	IOC	StJohns
<i>Port Fourchon, LA, USA</i>	29.114201	-90.199203	10658.36	NOAA	PortFourchon
<i>Grand Isle, LA, USA</i>	29.2633	-89.9567	10686.18	NOAA	GrandIsle
<i>Wrightsville Beach, NC, USA</i>	34.213333	-77.786667	11946.07	NOAA	WrightsvilleBeach
<i>Beaufort, NC, USA</i>	34.72	-76.67	12058.49	NOAA	Beaufort
<i>Ocean City Inlet, MD, USA</i>	38.328333	-75.091667	12277.34	NOAA	OceanCityInlet
<i>Lewes, DE, USA</i>	38.781667	-75.12	12284.08	NOAA	Lewes
<i>Cape May, NJ, USA</i>	38.9683	-74.96	12301.42	NOAA	CapeMay
<i>Atlantic City, NJ, USA</i>	39.355	-74.4183	12354.88	NOAA	AtlanticCity
<i>Woods Hole, MA, USA</i>	41.5233	-70.6717	12703.08	NOAA	WoodsHole
<i>Nantucket, MA, USA</i>	41.285	-70.096667	12747.74	NOAA	Nantucket
<i>Buoy #55015</i>	-46.956	160.343	3646	NDBC	B55015
<i>Buoy #55023</i>	-14.715	153.537	3377	NDBC	B55023
<i>Buoy #51425</i>	-9.505	-176.26	1261	NDBC	B51425
<i>Buoy #52406</i>	-5.373	164.99	2741	NDBC	B52406
<i>Buoy #51407</i>	19.556	-156.538	4915	NDBC	B51407
<i>Buoy #52403</i>	4.026	145.616	5082	NDBC	B52403
<i>Buoy #52402</i>	11.93	153.895	4951	NDBC	B52402
<i>Buoy #52401</i>	19.283	155.729	5456	NDBC	B52401
<i>Buoy #52404</i>	20.629	132.139	7338	NDBC	B52404
<i>Buoy #21420</i>	28.891	135.022	7648	NDBC	B21420
<i>Buoy #21418</i>	38.76	148.65	7598	NDBC	B21418
<i>Buoy #21419</i>	44.401	155.653	7811	NDBC	B21419

<i>Buoy #21416</i>	48.11	163.435	7926	NDBC	B21416
<i>Buoy #21415</i>	50.153	171.897	7953	NDBC	B21415
<i>Buoy #46408</i>	49.666	-169.88	7815	NDBC	B46408
<i>Buoy #46402</i>	50.978	-163.95	8003	NDBC	B46402
<i>Buoy #46403</i>	52.663	-156.78	8337	NDBC	B46403
<i>Buoy #46414</i>	53.726	-152.48	8542	NDBC	B46414
<i>Buoy #46409</i>	55.318	-148.55	8815	NDBC	B46409
<i>Buoy #46415</i>	52.98	-139.95	8862	NDBC	B46415
<i>Buoy #46416</i>	49.901	-134.4	8797	NDBC	B46416
<i>Buoy #46404</i>	45.848	-128.78	8740	NDBC	B46404
<i>Buoy #46407</i>	42.705	-128.84	8495	NDBC	B46407
<i>Buoy #46411</i>	39.335	-127.07	8329	NDBC	B46411
<i>Buoy #43412</i>	4.958	-90.868	8493	NDBC	B43412
<i>Buoy #32411</i>	-7.428	-93.48	9621	NDBC	B32411
<i>Buoy #32413</i>	-20.474	-73.421	8870	NDBC	B32413
<i>Buoy #32401</i>	-23.163	-72.037	10336	NDBC	B32401
<i>Buoy #32403</i>	-26.743	-73.983	10376	NDBC	B32403
<i>Buoy #32402</i>	-32.123	-73.799	10037	NDBC	B32402
<i>Buoy #21420</i>	28.891	135.022	7647.97	NDBC	B21420
<i>Buoy #51407</i>	19.556	-156.538	4907.47	NDBC	B51407

192
193

194 **Table S2** Air pressure (P_A) stations employed. Location names, latitude/longitude, data source,
 195 source ID number (where available), and filename used in online repository are given. NOAA:
 196 National Oceanic and Atmospheric Administration (US); NDBC: National Data Buoy Center;
 197 NIWA/NCD: National Institute of Water and Atmospheric Research National Climate Database
 198 (NZ); CMD: Chilean Meteorological Directorate; JMA: Japanese Meteorological Agency;
 199 ISPRA: Istituto Superiore per la Protezione e la Ricerca Ambientale (Italy/EU); BOM: Bureau
 200 of Meteorology (Australia).

201

<u>Station name</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Source</u>	<u>ID</u>	<u>Filename</u>
<i>Hilo, HI, USA</i>	19.733	-155.058	NOAA	1617760	Hilo_atm
<i>Kawaihae, HI, USA</i>	20.036	-155.832	NOAA	1617433	Kawaihae_atm
<i>Kahului, HI, USA</i>	20.898	-156.472	NOAA	1615680	Kahului_atm
<i>Honolulu, HI, USA</i>	21.307	-157.867	NOAA	1612340	Honolulu_atm
<i>Nawiliwili, HI, USA</i>	21.957	-159.36	NOAA	1611400	Nawiliwili_atm
<i>Midway, Island, USA</i>	28.207	-177.356	NOAA	1619910	Midway_atm
<i>Wake Island, USA</i>	19.29	166.618	NOAA	1890000	Wake_atm
<i>Kwajalein Island, USA</i>	8.7367	167.7383	NOAA	1820000	Kwajalein_atm
<i>San Diego, CA, USA</i>	32.7142	-117.174	NOAA	9410170	SanDiego_atm
<i>La Jolla, CA, USA</i>	32.867	-117.258	NOAA	9410230	LaJolla_atm
<i>Los Angeles, CA, USA</i>	33.7199	-118.273	NOAA	9410230	LosAngeles_atm
<i>Santa Monica, CA, USA</i>	34.0083	-118.5	NOAA	9410840	SantaMonica_atm
<i>Santa Barbara, CA, USA</i>	34.4031	-119.693	NOAA	9411340	SantaBarbara_atm
<i>Port San Luis, CA, USA</i>	35.1688	-120.754	NOAA	9412110	PortSanLuis_atm
<i>Monterey, CA, USA</i>	36.605	-121.888	NOAA	9413450	Monterey_atm
<i>San Francisco, CA, USA</i>	37.8063	-122.466	NOAA	9414290	SanFrancisco_atm
<i>Point Reyes, CA, USA</i>	37.9961	-122.977	NOAA	9415020	PointReyes_atm
<i>Arena Cove, CA, USA</i>	38.913	-123.705	NOAA	9416841	ArenaCove_atm
<i>North Spit, CA, USA</i>	40.7663	-124.217	NOAA	9418767	NorthSpit_atm
<i>Crescent City, CA, USA</i>	41.745	-124.183	NOAA	9419750	CrescentCity_atm
<i>Port Orford, OR, USA</i>	42.739	-124.498	NOAA	9431647	PortOrford_atm
<i>Charleston, OR, USA</i>	43.345	-124.322	NOAA	9432780	CharlestonOR_atm
<i>South Beach, OR, USA</i>	44.625	-124.043	NOAA	9435380	SouthBeachOR_atm
<i>Garibaldi, OR, USA</i>	45.5545	-123.919	NOAA	9437540	Garibaldi_atm
<i>Toke Point, WA, USA</i>	46.7075	-123.967	NOAA	9437540	TokePoint_atm
<i>Westport, WA, USA</i>	46.908	-124.11	NOAA	9441102	Westport_atm
<i>La Push, WA USA</i>	47.9133	-124.637	NOAA	9442396	LaPush_atm
<i>Neah Bay, WA, USA</i>	48.3703	-124.602	NOAA	9443090	NeahBay_atm
<i>Port Angeles, WA, USA</i>	48.1247	-123.441	NOAA	9444090	PortAngeles_atm
<i>Port Alexander, AK, USA</i>	56.2467	-134.647	NOAA	9451054	PortAlexander_atm
<i>Sitka, AK, USA</i>	57.0517	-135.342	NOAA	9451600	Sitka_atm
<i>Elfin Cove, AK, USA</i>	58.1933	-136.343	NOAA	9452634	ElfinCove_atm
<i>Juneau, AK, USA</i>	58.2983	-134.412	NOAA	9452210	Juneau_atm

<i>Skagway, AK, USA</i>	59.45	-135.327	NOAA	9452400	Skagway_atm
<i>Yakutat, AK, USA</i>	59.548	-139.735	NOAA	9453220	Yakutat_atm
<i>Seward, AK, USA</i>	60.12	-149.427	NOAA	9455090	Seward_atm
<i>Altiak, AK, USA</i>	56.8975	-154.248	NOAA	9457804	Altiak_atm
<i>Sand Point, AK, USA</i>	55.3367	-160.502	NOAA	9459450	SandPoint_atm
<i>King Cove, AK, USA</i>	55.0599	-162.326	NOAA	9459881	KingCove_atm
<i>Unalaska, AK, USA</i>	53.88333	-166.533	NOAA	9462620	Unalaska_atm
<i>Nikolski, AK, USA</i>	52.9381	-168.868	NOAA	9462450	Nikolski_atm
<i>Atka, AK, USA</i>	52.232	-174.173	NOAA	9461710	Atka_atm
<i>Adak, AK, USA</i>	51.863	-176.632	NOAA	9461380	Adak_atm
<i>St. Paul Island, AK, USA</i>	55.3367	-170.285	NOAA	9464212	StPaul_atm
<i>Mataveri Easter Island, Chile</i>	-27.1589	-109.433	CMD	270001	Easter_atm
<i>Chacalluta (Arica), Chile</i>	-18.3556	-70.3403	CMD	180005	Arica_atm
<i>Diego Aracena (Iquique), Chile</i>	-20.5492	-70.1811	CMD	200006	Iquique_atm
<i>Rodelillo (Valparaiso), Chile</i>	-33.0653	-71.5564	CMD	330007	Valparaiso_atm
<i>Florida, La Serena (Coquimbo), Chile</i>	-29.9144	-71.2067	CMD	290004	Coquimbo_atm
<i>Santo Domingo (San Antonio), Chile</i>	-33.6561	-71.6133	CMD	330030	SanAntonio_atm
<i>Carriel Sur, Concepción, Chile</i>	-36.7806	-73.0664	CMD	360019	Concepcion_atm
<i>Pichoy, Valdivia (Corral), Chile</i>	-39.6567	-73.0872	CMD	390006	Corral_atm
<i>Melinka, Chile</i>	-43.8978	-73.7394	CMD	430009	PuertoMelinka_atm
<i>Midshipman Zañartu, Puerto Williams, Chile</i>	-54.9317	-67.6156	CMD	550001	PuertoWilliams_atm
<i>Nadi, Fiji</i>	-17.7599	177.4448	NIWA/NCD	25450	Fiji_atm
<i>Kerikeri, New Zealand</i>	-35.183	173.926	NIWA/NCD	1056	Kerikeri_atm
<i>Auckland, New Zealand</i>	-36.863	174.7119	NIWA/NCD	41351	Auckland_atm
<i>Whakatane, New Zealand</i>	-37.9482	176.9677	NIWA/NCD	40982	Whakatane_atm
<i>Gisborne, New Zealand</i>	-38.6275	177.9218	NIWA/NCD	24976	Gisborne_atm
<i>Napier, New Zealand</i>	-39.4985	176.9119	NIWA/NCD	41330	Napier_atm
<i>Wellington, Greta Point, New Zealand</i>	-41.3024	174.8057	NIWA/NCD	41212	Wellington_atm
<i>Christchurch, Kyle St, New Zealand</i>	-43.5307	172.6077	NIWA/NCD	24120	Christchurch_atm
<i>Milford Sound, New Zealand</i>	-44.674	167.923	NIWA/NCD	40987	MilfordSound_atm
<i>Dunedin, New Zealand</i>	-45.9013	170.5147	NIWA/NCD	15752	Dunedin_atm
<i>Wanganui, New Zealand</i>	-39.937	175.0451	NIWA/NCD	3715	Whanganui_atm
<i>Richmond, New Zealand</i>	-41.3277	173.1862	NIWA/NCD	40751	Richmond_atm
<i>Norfolk Island, Australia</i>	-29.0389	167.9408	BOM	200288	NorfolkIsland_atm
<i>Horn Island, Australia</i>	-10.5844	142.29	BOM	027058	HornIsland_atm
<i>Gold Coast Seaway, Australia</i>	-27.939	153.4283	BOM	040764	GoldCoast_atm
<i>Green Cape, Australia</i>	-37.2622	150.0504	BOM	069137	GreenCape_atm
<i>Spring Bay, Australia</i>	-42.5464	147.9308	BOM	092133	SpringBay_atm
<i>Portland, Australia</i>	-38.3439	141.6136	BOM	090192	PortlandAU_atm
<i>Esperance, Australia</i>	-33.8707	121.8971	BOM	109504	Esperance_atm
<i>Chichijima Island, Japan</i>	27.09	142.19	JMA		Chichijima_atm

<i>Naha, Japan</i>	26.22	127.67	JMA		Naha_atm
<i>Ishigaki, Japan</i>	24.2	124.1	JMA		Ishigaki_atm
<i>Abashiri, Japan</i>	44.02	144.29	JMA		Abashiri_atm
<i>Hanasaki, Japan</i>	43.28	145.57	JMA		Hanasaki_atm
<i>Kushiro, Japan</i>	42.98	144.37	JMA		Kushiro_atm
<i>Hakodate, Japan</i>	41.78	140.72	JMA		Hakodate_atm
<i>Ofunato, Japan</i>	39	141.75	JMA		Ofunato_atm
<i>Mera, Japan</i>	34.92	139.83	JMA		Mera_atm
<i>Omaezaki, Japan</i>	34.6	138.23	JMA		Omaezaki_atm
<i>Kushimoto, Japan</i>	33.48	135.77	JMA		Kushimoto_atm
<i>Tosashimizu, Japan</i>	32.78	132.97	JMA		Tosashimizu_atm
<i>Aburatsu, Japan</i>	31.58	131.41	JMA		Aburatsu_atm
<i>Nagasaki, Japan</i>	32.74	129.87	JMA		Nagasaki_atm
<i>Mona Island</i>	18.09	-67.9383	NOAA	9759938	MonaIsland_atm
<i>Mayaguez, Puerto Rico</i>	18.21833	-67.1617	NOAA	9759394	Mayaguez_atm
<i>Arecibo, Puerto Rico</i>	18.48	-66.7017	NOAA	9757809	Arecibo_atm
<i>San Juan, Puerto Rico</i>	18.46	-66.1167	NOAA	9755371	SanJuan_atm
<i>Esperanza, Puerto Rico</i>	18.09333	-65.4717	NOAA	9752695	Esperanza_atm
<i>Culebra, Puerto Rico</i>	18.30167	-65.3017	NOAA	9752235	Culebra_atm
<i>Charlotte Amalie, US Virgin Islands</i>	18.335	-64.92	NOAA	9751639	CharlotteAmalie_atm
<i>Lameshur Bay, US Virgin Islands</i>	18.31833	-64.725	NOAA	9751381	LameshurBay_atm
<i>Lime Tree Bay, US Virgin Islands</i>	17.695	-64.7533	NOAA	9751401	LimeTreeBay_atm
<i>St Croix, US Virgin Islands</i>	17.74833	-64.6983	NOAA	9751364	StCroix_atm
<i>Barbuda</i>	17.59167	-61.82	NOAA	9761115	Barbuda_atm
<i>Buoy #41046</i>	23.822	-68.384	NDBC	41046	B41046_atm
<i>Buoy #41043</i>	21.03	-64.79	NDBC	41043	B41043_atm
<i>Buoy #41049</i>	27.49	-62.938	NDBC	41049	B41049_atm
<i>Buoy #41047</i>	27.463	-71.466	NDBC	41047	B41047_atm
<i>Buoy #41044</i>	21.582	-58.63	NDBC	41044	B41044_atm
<i>Buoy #42059</i>	15.287	-67.477	NDBC	42059	B42059_atm
<i>Buoy #42060</i>	16.433	-63.331	NDBC	42060	B42060_atm
<i>Buoy #41040</i>	14.542	-53.341	NDBC	41040	B41040_atm
<i>Buoy #41052</i>	18.249	-64.763	NDBC	41052	B41052_atm
<i>Buoy #41056</i>	18.261	-65.464	NDBC	41056	B41056_atm
<i>Buoy #42085</i>	17.869	-66.532	NDBC	42085	B42085_atm
<i>Wrightsville Beach, NC, USA</i>	34.21333	-77.7867	NOAA	8658163	WrightsvilleBeach_atm
<i>Beaufort, NC, USA</i>	34.72	-76.67	NOAA	8656483	Beaufort_atm
<i>Ocean City Inlet, MD, USA</i>	38.32833	-75.0917	NOAA	8570283	OceanCityInlet_atm
<i>Lewes, DE, USA</i>	38.78167	-75.12	NOAA	8557380	Lewes_atm
<i>Cape May, NJ, USA</i>	38.9683	-74.96	NOAA	8536110	CapeMay_atm
<i>Atlantic City, NJ, USA</i>	39.355	-74.4183	NOAA	8534720	AtlanticCity_atm

<i>Woods Hole, MA, USA</i>	41.5233	-70.6717	NOAA	8447930	WoodsHole_atm
<i>Nantucket, MA, USA</i>	41.285	-70.0967	NOAA	8449130	Nantucket_atm
<i>Cutler Farris, ME, USA</i>	44.65667	-67.205	NOAA	8411060	CutlerFarris_atm
<i>Ginostra, Italy (ISPRA-02)</i>	38.78518	15.19177	ISPRA	ISPRA-02	ISPRA02_atm
<i>Salerno, Italy (ISPRA-03)</i>	40.67664	14.75084	ISPRA	ISPRA-03	ISPRA03_atm
<i>Raveena, Italy (ISPRA-05)</i>	44.49137	12.28296	ISPRA	ISPRA-05	ISPRA05_atm
<i>La Spezia, Italy (ISPRA-06)</i>	44.09661	9.857644	ISPRA	ISPRA-06	ISPRA06_atm
<i>Cagliari, Italy (ISPRA-07)</i>	39.21019	9.114272	ISPRA	ISPRA-07	ISPRA07_atm
<i>Crotone, Italy (ISPRA-08)</i>	39.08161	17.13704	ISPRA	ISPRA-08	ISPRA08_atm
<i>Reggio Calabria, Italy (ISPRA-09)</i>	38.12172	15.64892	ISPRA	ISPRA-09	ISPRA09_atm
<i>Messina, Italy (ISPRA-10)</i>	38.19632	15.56351	ISPRA	ISPRA-10	ISPRA10_atm
<i>Lampedusa, Italy (ISPRA-11)</i>	35.5	12.604	ISPRA	ISPRA-11	ISPRA11_atm
<i>Sciacca, Italy (ISPRA-12)</i>	37.50454	13.07646	ISPRA	ISPRA-12	ISPRA12_atm
<i>Imperia, Italy (ISPRA-13)</i>	43.87834	8.0188	ISPRA	ISPRA-13	ISPRA13_atm
<i>Marina di Campo, Italy (ISPRA-14)</i>	37.50454	10.53333	ISPRA	ISPRA-14	ISPRA14_atm
<i>Otranto, Italy (ISPRA-15)</i>	40.146	18.497	ISPRA	ISPRA-15	ISPRA15_atm
<i>Porto Empedocle, Italy (ISPRA-16)</i>	37.1725	13.3128	ISPRA	ISPRA-16	ISPRA16_atm
<i>Carloforte, Italy (ISPRA-17)</i>	39.0837	8.1829	ISPRA	ISPRA-17	ISPRA17_atm
<i>Gaeta, Italy (ISPRA-37)</i>	41.20999	13.58974	ISPRA	ISPRA-37	ISPRA37_atm
<i>Malta (Gozo)</i>	36.0249	14.3018	ISPRA	MALTA-mgrr	MaltaGozo

203 **Table S3** Inventory of “bad” stations where no tsunami could be clearly observed or was too
204 small to analyze, locations are shown in Supplementary Figure S1. Given are station names,
205 latitude/longitude, and status of gauge with reason for non-detection. Status categories and colors
206 used in Supplementary Figure S1 are: 1) good data with a small signal suggested, but too small
207 to analyze (dark blue); 2) good data, but uncertain results, which was either due to too much
208 noise, the presence of storms, or under-sampled data, i.e., 5-min or longer time resolution (light
209 blue); 3) instrumental errors (red); 4) missing data (black); and 5) good data, but no tsunami
210 signal detected (yellow).
211

<u>Name</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Status</u>
<i>Kanton, Kiribati</i>	-2.8010	-171.7180	instrument issues
<i>Kapingamarangi</i>	1.0780	154.8067	instrument issues
<i>Lifou, New Caledonia</i>	-20.9185	167.2787	instrument issues
<i>Raoul Island Boat Cove, New Zealand</i>	-29.2800	-177.8940	instrument issues
<i>Majuro, Marshall Islands</i>	7.1060	171.3730	missing data
<i>Malakal, Palau</i>	7.3282	134.4502	instrument issues
<i>Yap Island, Micronesia</i>	9.5142	138.1246	instrument issues
<i>Lata Wharf, Solomon Islands</i>	-10.7208	165.8019	no data
<i>Mare, New Caledonia</i>	-21.5478	167.8771	no data
<i>Minamitorishima, Japan</i>	24.2822	153.9783	missing data
<i>Groote Eylandt, Australia</i>	-13.8600	136.4158	small, no analysis
<i>Thevenard, Australia</i>	-32.1489	133.6413	uncertain (noisy)
<i>Darwin, Australia</i>	-12.4719	130.8458	small, no analysis
<i>Broome, Australia</i>	-18.0008	122.2186	uncertain (noisy)
<i>Port Hedland, Australia</i>	-20.0400	118.4200	no data
<i>Port Murat, Australia</i>	-21.8167	114.1910	uncertain (noisy)
<i>Geraldton, Australia</i>	-28.7631	114.5647	no data
<i>Cape Cuvier Wharf, Australia</i>	-24.2206	113.3969	uncertain (noisy)
<i>Hillarys Harbor, Australia</i>	-31.8255	115.7386	uncertain (noisy)
<i>Ambon, Indonesia</i>	-3.6833	128.1833	instrument issues
<i>Lembar, Indonesia</i>	-8.7309	116.0723	instrument issues
<i>Benoa, Indonesia</i>	-8.7666	115.2166	missing data
<i>Surabaya, Indonesia</i>	-7.2000	112.7406	not detected
<i>Sadeng, Indonesia</i>	-8.1903	110.7991	missing data
<i>Semarang, Indonesia</i>	-6.9479	110.4201	uncertain (noisy)
<i>Cilicap, Indonesia</i>	-7.7500	109.0000	small, no analysis
<i>Jakarta Port, Indonesia</i>	-6.1067	106.8908	small, no analysis

<i>Marina Jambu, Indonesia</i>	-6.1893	105.8411	no data
<i>Sebesi, Indonesia</i>	-5.9360	105.5121	missing data
<i>Christmas Island, Australia</i>	-10.4294	105.6694	small, no analysis
<i>Cocos Island, Australia</i>	-12.1167	96.8919	small, no analysis
<i>Bitung, Indonesia</i>	1.4389	125.1904	missing data
<i>Kudat, Malaysia</i>	6.8779	116.8460	not detected
<i>Bungus, Indonesia</i>	-1.0297	100.3962	missing data
<i>Padang, Malaysia</i>	-0.9500	100.3667	missing data
<i>Kerachut, Pedang, Malaysia</i>	5.4510	100.1822	uncertain (noisy)
<i>Porto Malai, Malaysia</i>	6.2571	99.7344	not detected
<i>Port Blair, India</i>	11.6800	92.7600	not detected
<i>Chittagong, Bangladesh</i>	22.3333	91.8250	missing data
<i>Vung Tau, Vietnam</i>	10.3400	107.0710	not detected
<i>Qui Nhon, Vietnam</i>	13.7751	109.2543	instrument issues
<i>Nancowry, India</i>	8.0500	93.5500	not detected
<i>Langkawi, Malaysia</i>	6.4160	99.7667	not detected
<i>Legaspi, Philippines</i>	13.1462	123.7581	not detected
<i>Lubang, Philippines</i>	13.8184	120.2022	instrument issues
<i>Manila, Philippines</i>	14.5822	120.9716	not detected
<i>Subic Bay, Philippines</i>	14.8167	120.2833	instrument issues
<i>Currimao, Philippines</i>	18.0167	120.4833	uncertain (noisy)
<i>Zhapo, China</i>	21.5800	111.8200	small, no analysis
<i>Busan, Korea</i>	35.0931	129.0375	missing data
<i>Hamada, Japan</i>	34.9000	132.0700	not detected
<i>Saigo, Japan</i>	36.2000	133.3300	not detected
<i>Toyama, Japan</i>	36.7600	137.2200	not detected
<i>Noto, Japan</i>	37.5000	137.1600	not detected
<i>Sado, Japan</i>	38.3200	138.5200	not detected
<i>Fukuara, Japan</i>	40.6500	139.9300	not detected
<i>Wakkanai, Japan</i>	45.4100	141.6900	not detected
<i>Pos'et, Russia</i>	42.6500	130.8000	instrument issues
<i>Vladivostak, Russia</i>	43.1300	131.9200	small, no analysis
<i>Nahodka, Russia</i>	42.7800	132.8600	small, no analysis
<i>Sosunovo, Russia</i>	46.5300	138.3300	instrument issues
<i>Sovetskaja Gavan', Russia</i>	48.9700	140.2900	small, no analysis
<i>Petropavlovsk, Russia</i>	53.0167	158.6500	small, no analysis

<i>Alofi Niue, Niue</i>	-19.0527	-169.9209	no data
<i>Isla Clarion, Mexico</i>	18.5338	-114.7227	no data
<i>Mapelo, Columbia</i>	4.0024	-81.6042	instrument issues
<i>Nome, AK, USA</i>	64.5000	-165.4300	small, no analysis
<i>Prudhoe Bay, AK, USA</i>	70.3880	-148.5100	small, no analysis
<i>Red Dog Dock, AK, USA</i>	67.0650	-164.0650	no data
<i>Port Moller, AK, USA</i>	55.9850	-160.5733	small, no analysis
<i>Seldovia, AK, USA</i>	59.4405	-151.7199	small, no analysis
<i>Nikiski, AK, USA</i>	60.6833	-151.3980	small, no analysis
<i>Anchorage, AK, USA</i>	61.2380	-149.8880	no data
<i>Valdez, AK, USA</i>	61.1250	-146.3620	small, no analysis
<i>Cordova, AK, USA</i>	60.5583	-145.7550	small, no analysis
<i>Ketchikan, AK, USA</i>	55.3318	-131.6262	small, no analysis
<i>Langra Point, Canada</i>	54.2000	-133.1000	small, no analysis
<i>Queen Charlotte, Canada</i>	53.2500	-132.0667	not detected
<i>Prince Rupert, Canada</i>	54.3167	-130.3167	not detected
<i>Bella Bella, Canada</i>	52.1600	-128.1400	not detected
<i>Campbell River, Canada</i>	50.0400	-125.2500	not detected
<i>Vancouver, Canada</i>	49.2833	-123.1167	not detected
<i>Cherry Point, WA, USA</i>	48.8630	-122.7580	not detected
<i>La Union, El Salvador</i>	13.3093	-87.8181	missing data
<i>Puerto San Juan del Sur, Nicaragua</i>	11.2510	-85.8750	no data
<i>Buenaventura, Colombia</i>	3.8906	-77.0808	not detected
<i>Tumaco, Colombia</i>	1.8200	-78.7287	instrument issues
<i>Talara, Peru</i>	-4.5778	-81.2798	instrument issues
<i>Puerto Montt, Chile</i>	-41.4847	-72.9612	not detected
<i>Puerto Aguire, Chile</i>	-45.1617	-73.5274	not detected
<i>Puerto Chacabuco, Chile</i>	-45.4671	-72.8200	not detected
<i>Caleta Meteoro, Chile</i>	-52.9600	-74.0660	not detected
<i>Punta Arenas, Chile</i>	-53.1237	-70.8620	small, no analysis
<i>Bahia Gregorio, Chile</i>	-52.6482	-70.2092	not detected
<i>Rothera, Antarctica</i>	-67.5667	-68.1333	no data
<i>Stanley, UK</i>	-51.7500	-57.9333	not detected
<i>Syowa Station, Antarctica</i>	-69.0078	39.5703	uncertain (undersampled, 5-min)
<i>St Helena</i>	-15.9179	-5.7144	no data
<i>Puerto Deseado, Argentina</i>	-47.7536	-65.9147	not detected

<i>Puerto Madryn, Argentina</i>	-42.7627	-65.0307	not detected
<i>Mar del Plata, Argentina</i>	-38.0002	-57.5385	small, no analysis
<i>Salvador, Brazil</i>	-12.9673	-38.5167	not detected
<i>Fortaleza, Brazil</i>	-3.7167	-38.4667	not detected
<i>Belem, Brazil</i>	-1.4422	-48.4963	not detected
<i>Ile Royale, France</i>	5.2844	-52.5869	not detected
<i>Nouakchott, Mauritania</i>	18.1000	-15.9500	instrument issues
<i>Galeota, Trinidad and Tobago</i>	10.1387	-61.0020	not detected
<i>Port of Spain, Trinidad and Tobago</i>	10.6500	-61.5167	small, no analysis
<i>Bullen Bay, Curaçao</i>	12.1873	-69.0196	small, no analysis
<i>Santa Marta, Colombia</i>	11.2352	-74.2216	small, no analysis
<i>Cartagena, Colombia</i>	10.3914	-75.5369	no data
<i>Isla Naval, Colombia</i>	10.1806	-75.7503	instrument issues
<i>Sapzurro, Colombia</i>	8.6603	-77.3653	uncertain (noisy)
<i>El Porvenir, Panama</i>	9.5583	-78.9492	small, no analysis
<i>Bocas del Toro, Panama</i>	9.3509	-82.2577	not detected
<i>San Andres, Colombia</i>	12.5695	-81.7015	small, no analysis
<i>Puerto Barrios, Guatemala</i>	15.6946	-88.6220	small, no analysis
<i>La Ceiba Cabotage, Honduras</i>	15.7900	-86.7600	no data
<i>Puerto Morelos, Mexico</i>	20.8681	-86.8668	uncertain (noisy)
<i>Isla Mujeres, Mexico</i>	21.2547	-86.7461	no data
<i>Gun Bay, Cayman Islands</i>	19.3123	-81.0895	no data
<i>Georgetown, Cayman Islands</i>	19.2951	-81.3834	no data
<i>Little Cayman, Cayman Islands</i>	19.6679	-80.1041	no data
<i>Cayman Brac, Cayman Islands</i>	19.7432	-79.7699	no data
<i>Jeremie, Haiti</i>	18.6430	-74.1100	no data
<i>Cap-Haitien, Haiti</i>	19.7593	-72.1934	no data
<i>Grand Turk, Turks and Caicos Islands</i>	21.4335	-71.1495	no data
<i>Sapodilla Bay, Turks and Caicos Islands</i>	21.7412	-72.2849	no data
<i>St Croix, US Virgin Islands</i>	17.7467	-64.6983	instrument issues
<i>Culebra Island, Puerto Rico</i>	18.3008	-65.3028	uncertain (undersampled; 6-min)
<i>San Juan, Puerto Rico</i>	18.4617	-66.1167	instrument issues
<i>Arecibo, Puerto Rico</i>	18.4805	-66.7024	instrument issues
<i>Guaynilla, Puerto Rico</i>	18.0052	-66.7667	instrument issues
<i>Prickly Bay, Grenada</i>	12.0054	-61.7648	small, no analysis
<i>Chateaubelair, St Vincent and Grenadines</i>	13.2911	-61.2406	no data

<i>Soufriere, St Lucia</i>	13.8535	-61.0596	small, no analysis
<i>Ganters Bay, St Lucia</i>	14.0164	-60.9974	small, no analysis
<i>Le Robert, Martinique</i>	14.6769	-60.9379	instrument issues
<i>Le Precheur, Martinique</i>	14.8076	-61.2266	small, no analysis
<i>Roseau, Dominica</i>	15.3139	-61.3892	small, no analysis
<i>La Desirade, Guadeloupe</i>	16.3029	-61.0725	instrument issues
<i>Pointe a Pitre, Guadeloupe</i>	16.2244	-61.5315	instrument issues
<i>Sisal, Mexico</i>	21.1617	-90.0483	no data
<i>Telchac, Mexico</i>	21.3400	-89.3083	no data
<i>Celestun, Mexico</i>	20.8645	-90.4051	no data
<i>Lerma Campeche, Mexico</i>	19.8120	-90.5949	no data
<i>Sanchez Magallanes, Mexico</i>	18.2968	-93.8546	small, no analysis
<i>Alvarado, Mexico</i>	18.7662	-95.7560	small, no analysis
<i>Veracruz, Mexico</i>	19.1921	-96.1236	instrument issues
<i>Port Isabel, TX, USA</i>	26.0612	-97.2155	uncertain (noisy)
<i>Brazos Santiago, TX, USA</i>	26.0674	-97.1548	uncertain (noisy)
<i>South Padre Island, TX, USA</i>	26.0731	-97.1675	uncertain (noisy)
<i>Realitos Peninsula, TX, USA</i>	26.2617	-97.2850	not detected
<i>Port Mansfield, TX, USA</i>	26.5576	-97.4257	not detected
<i>Rincon del San Jose, TX, USA</i>	26.8012	-97.4706	not detected
<i>Baffin Bay, TX, USA</i>	27.2970	-97.4052	small, no analysis
<i>S Bird Island, TX, USA</i>	27.4844	-97.3181	small, no analysis
<i>Bob Hall Pier, CC, TX, USA</i>	27.5800	-97.2167	small, no analysis
<i>Packery Channel, TX, USA</i>	27.6333	-97.2367	uncertain (noisy)
<i>USS Lexington, CC, TX, USA</i>	27.8149	-97.3892	small, no analysis
<i>Viola Turning Basin, CC, TX, USA</i>	27.8467	-97.5200	small, no analysis
<i>Ingleside, MODA, TX, USA</i>	27.8217	-97.2033	no data
<i>Port Aransas, TX, USA</i>	27.8397	-97.0725	uncertain (noisy)
<i>Aransas, TX, USA</i>	28.2276	-96.7966	uncertain (noisy)
<i>Rockport, TX, USA</i>	28.0217	-97.0467	uncertain (noisy)
<i>Aransas WR, TX, USA</i>	28.2283	-97.7950	uncertain (noisy)
<i>Seadrift, TX, USA</i>	28.4067	-97.7117	small, no analysis
<i>Matagorda Bay, TX, USA</i>	28.4269	-96.3301	uncertain (noisy)
<i>Port O'Connor, TX, USA</i>	28.4356	-96.3856	no data
<i>Port Lavaca, TX, USA</i>	28.6344	-96.6011	uncertain (noisy)
<i>Matagorda City, TX, USA</i>	28.7101	-95.9140	uncertain (noisy)

<i>Sargent, TX, USA</i>	28.7714	-95.6172	uncertain (noisy)
<i>Freeport Harbor, TX, USA</i>	28.9433	-95.3025	uncertain (noisy)
<i>San Luis Pass, TX, USA</i>	29.0810	-95.1313	small, no analysis
<i>Galveston Pier 21, TX, USA</i>	29.3100	-94.7930	uncertain (noisy)
<i>Galveston Bay N Jetty, TX, USA</i>	29.3573	-94.7248	uncertain (noisy)
<i>Eagle Point, TX, USA</i>	29.4800	-94.9183	uncertain (noisy)
<i>Manchester, TX, USA</i>	29.7262	-95.2658	not detected
<i>Rollover Pass, TX, USA</i>	29.5156	-94.5106	uncertain (noisy)
<i>High Island, TX, USA</i>	29.5945	-94.3896	uncertain (noisy)
<i>Rainbow Bridge, TX, USA</i>	29.9800	-93.8817	uncertain (noisy)
<i>Port Arthur, TX, USA</i>	29.8671	-93.9310	uncertain (noisy)
<i>Sabine Pass, TX, USA</i>	29.6894	-93.8419	uncertain (noisy)
<i>Calcasieu Pass, LA, USA</i>	29.7682	-93.3429	uncertain (noisy)
<i>Bulk Terminal, LA, USA</i>	30.1902	-93.3008	not detected
<i>Lake Charles, LA, USA</i>	30.2016	-93.2806	not detected
<i>Eugene Island, LA, USA</i>	29.3675	-91.3839	small, no analysis
<i>LAWMA (Amerada Pass), LA, USA</i>	29.4496	-91.3381	small, no analysis
<i>Berwick, LA, USA</i>	29.6675	-91.2376	not detected
<i>Pilots Station (SW Pass), LA, USA</i>	28.9317	-89.4067	uncertain (noisy)
<i>Pilotown, LA, USA</i>	29.1783	-89.2583	uncertain (noisy)
<i>Bayou Gauche, LA, USA</i>	29.7886	-90.4203	not detected
<i>Bonnet Carre Floodway, LA, USA</i>	30.0679	-90.3900	not detected
<i>New Canal Station, LA, USA</i>	30.0272	-90.1133	uncertain (noisy)
<i>Carrollton, LA, USA</i>	29.9329	-90.1355	not detected
<i>Shell Beach, LA, USA</i>	29.8681	-89.6732	uncertain (noisy)
<i>Bay Waveland Yacht Club, MS, USA</i>	30.3264	-89.3258	uncertain (noisy)
<i>Pascagoula (NOAA lab), MS, USA</i>	30.3678	-88.5631	uncertain (noisy)
<i>Bayou La Batre Bridge, AL, USA</i>	30.4057	-88.2477	uncertain (noisy)
<i>West Fowl River Bridge, AL, USA</i>	30.3766	-88.1586	uncertain (noisy)
<i>East Fowl River Bridge, AL, USA</i>	30.4437	-88.1139	uncertain (noisy)
<i>Dog River Bridge, AL, USA</i>	30.5652	-88.0880	uncertain (noisy)
<i>Coast Guard Mobile, AL, USA</i>	30.6483	-88.0583	uncertain (noisy)
<i>Mobile State Docks, AL, USA</i>	30.7083	-88.0433	uncertain (noisy)
<i>Chickasaw Creek, AL, USA</i>	30.7819	-88.0736	uncertain (noisy)
<i>Weeks Bay, AL, USA</i>	30.4169	-87.8254	no data
<i>Dauphin Island, AL, USA</i>	30.2000	-88.1000	no data

<i>Pensacola, FL, USA</i>	30.4030	-87.2120	not detected
<i>Panama City Beach, FL, USA</i>	30.2133	-85.8783	uncertain (noisy and stormy)
<i>Panama City, FL, USA</i>	30.1520	-85.6670	uncertain (noisy and stormy)
<i>Apalachicola, FL, USA</i>	29.7270	-84.9820	uncertain (noisy and stormy)
<i>Cedar Key, FL, USA</i>	29.1336	-83.0309	uncertain (noisy and stormy)
<i>Clearwater Beach, FL, USA</i>	27.9780	-82.8320	uncertain (noisy and stormy)
<i>East Bay, FL, USA</i>	27.9133	-82.4250	uncertain (noisy and stormy)
<i>Old Port Tampa, FL, USA</i>	27.8578	-82.5528	uncertain (noisy and stormy)
<i>St Petersburg, FL, USA</i>	27.7606	-82.6269	uncertain (noisy and stormy)
<i>Port Manatee, FL, USA</i>	27.6383	-82.5625	uncertain (noisy and stormy)
<i>Fort Meyers, FL, USA</i>	26.6500	-81.8700	uncertain (noisy and stormy)
<i>Naples, FL, USA</i>	26.1317	-81.8075	uncertain (noisy and stormy)
<i>Key West, FL, USA</i>	24.5530	-81.8080	uncertain (noisy and stormy)
<i>Vaca Key, FL, USA</i>	24.7110	-81.1065	uncertain (noisy and stormy)
<i>Settlement Pt, Bahamas</i>	26.6833	-78.9833	not detected
<i>St Georges Island, Bermuda</i>	32.3801	-64.6762	no data
<i>Virginia Key, FL, USA</i>	25.7314	-80.1618	uncertain (noisy and stormy)
<i>South Port Everglades, FL, USA</i>	26.0817	-80.1167	uncertain (noisy and stormy)
<i>Lake Worth Pier, FL, USA</i>	26.6128	-80.0342	uncertain (noisy and stormy)
<i>Trident Pier, Port Canaveral, FL, USA</i>	28.4158	-80.5931	uncertain (noisy and stormy)
<i>I-295 Buckman Bridge, FL, USA</i>	30.1917	-81.6917	uncertain (noisy and stormy)
<i>St Johns River, FL, USA</i>	30.3200	-81.6583	uncertain (noisy and stormy)
<i>Dames Point, FL, USA</i>	30.3867	-81.5583	uncertain (noisy and stormy)
<i>Mayport, FL, USA</i>	30.3982	-81.4279	uncertain (noisy and stormy)
<i>Fernandina Beach, FL, USA</i>	30.6720	-81.4650	uncertain (noisy and stormy)
<i>Fort Pulaski, GA, USA</i>	32.0330	-80.9020	uncertain (noisy and stormy)
<i>Charleston, SC, USA</i>	32.7808	-79.9236	uncertain (noisy and stormy)
<i>Oyster Landing, SC, USA</i>	33.3517	-79.1867	uncertain (noisy and stormy)
<i>Springmaid Pier, SC, USA</i>	33.6550	-78.9183	uncertain (noisy and stormy)
<i>Wilmington, NC, USA</i>	34.2275	-77.9536	uncertain (noisy and stormy)
<i>Oregon Inlet Marina, NC, USA</i>	35.7950	-75.5481	uncertain (noisy and stormy)
<i>Duck, NC, USA</i>	36.1833	-75.7466	uncertain (noisy and stormy)
<i>USCG Station, Hatteras, NC, USA</i>	35.2086	-75.7042	uncertain (noisy and stormy)
<i>Money Point, VA, USA</i>	36.7783	-76.3017	uncertain (noisy and stormy)
<i>Sewells Pt, VA, USA</i>	36.9467	-76.3300	uncertain (noisy and stormy)
<i>Chesapeake Channel, VA, USA</i>	36.9667	-76.1133	uncertain (noisy and stormy)

<i>Kiptopeke, VA, USA</i>	37.1652	-75.9884	small, no analysis
<i>Yorktown USCG Training Center, VA, USA</i>	37.1652	-75.9884	uncertain (noisy and stormy)
<i>Wachapreague, VA, USA</i>	37.6078	-75.6858	uncertain (noisy and stormy)
<i>Windmill Pt, VA, USA</i>	37.6162	-76.2900	uncertain (noisy and stormy)
<i>Lewisetta, VA, USA</i>	37.9961	-76.4644	no data
<i>Bishops Head, MD, USA</i>	38.2204	-76.0387	uncertain (noisy and stormy)
<i>Solomons Island, MD, USA</i>	38.3172	-76.4508	uncertain (noisy and stormy)
<i>Dahlgren, VA, USA</i>	38.3198	-77.0366	not detected
<i>Washington, DC, USA</i>	38.8733	-77.0217	not detected
<i>Cambridge, MD, USA</i>	38.5733	-76.0683	not detected
<i>Annapolis, MD, USA</i>	38.9833	-76.4816	not detected
<i>Baltimore, MD, USA</i>	39.2670	-76.5780	not detected
<i>Tolchester Beach, MD, USA</i>	39.2133	-76.2450	uncertain (noisy and stormy)
<i>Chesapeake City, MD, USA</i>	39.5267	-75.8100	uncertain (noisy and stormy)
<i>Brandywine Shoal Light, DE, USA</i>	38.9867	-75.1133	small, no analysis
<i>Ship John Shoal, NJ, USA</i>	39.3050	-75.3750	uncertain (noisy and stormy)
<i>Reedy Point, DE, USA</i>	39.5583	-75.5733	uncertain (noisy and stormy)
<i>Delaware City, DE, USA</i>	39.5817	-75.5883	no data
<i>Marcus Hook, PA, USA</i>	39.8117	-75.4094	uncertain (noisy and stormy)
<i>Philadelphia, PA, USA</i>	39.9333	-75.1417	no data
<i>Bridesbuerg, PA, USA</i>	39.9833	-75.0750	uncertain (noisy and stormy)
<i>Burlington, NJ, USA</i>	40.0800	-74.8733	no data
<i>Newbold, NJ, USA</i>	40.1373	-74.7519	no data
<i>Sandy Hook, NJ, USA</i>	40.4669	-74.0094	uncertain (noisy and stormy)
<i>Bergen Point, NY, USA</i>	40.6367	-74.1417	uncertain (noisy and stormy)
<i>The Battery, NY, USA</i>	40.7000	-74.0200	uncertain (noisy and stormy)
<i>Kings Point, NY, USA</i>	40.8103	-73.7650	uncertain (noisy and stormy)
<i>Bridgeport, CT, USA</i>	41.1733	-73.1816	uncertain (undersampled, 6 min)
<i>New Haven, CT, USA</i>	41.2833	-72.9083	small, no analysis
<i>New London, CT, USA</i>	41.3550	-72.0867	small, no analysis
<i>Montauk, NY, USA</i>	41.0483	-71.9600	uncertain (noisy and stormy)
<i>Newport, RI, USA</i>	41.5050	-71.3267	small, no analysis
<i>Quonset Pt, RI, USA</i>	41.5868	-71.4110	uncertain (undersampled, 6 min)
<i>Conimicut Light, RI, USA</i>	41.7167	-71.3433	uncertain (noisy and stormy)
<i>Providence, RI, USA</i>	41.8067	-71.4006	small, no analysis
<i>Fall River, MA, USA</i>	41.7043	-71.1641	uncertain (undersampled, 6 min)

<i>Boston, MA, USA</i>	42.3550	-71.0516	uncertain (noisy and stormy)
<i>Chatham, MA, USA</i>	41.6885	-69.9511	small, no analysis
<i>Fort Point, NH, USA</i>	43.0714	-70.7106	uncertain (noisy and stormy)
<i>Seavey Island, ME, USA</i>	43.0800	-70.7417	small, no analysis
<i>Wells, ME, USA</i>	43.3200	-70.5633	uncertain (undersampled, 6 min)
<i>Portland, ME, USA</i>	43.6566	-70.2466	uncertain (noisy and stormy)
<i>Bar Harbor, ME, USA</i>	44.3916	-68.2050	uncertain (noisy and stormy)
<i>Cutler Farris Wharf, ME, USA</i>	44.6567	-67.2100	uncertain (undersampled, 6 min)
<i>Eastport, ME, USA</i>	44.9033	-66.9850	missing data
<i>Saint Pierre et Miquelon, Canada</i>	46.7788	-56.1683	uncertain (noisy)
<i>Nain, Canada</i>	56.5500	-61.6800	uncertain (noisy)
<i>Qaqortoq, Greenland</i>	60.7176	-46.0350	small, no analysis
<i>Nuuk Harbor, Greenland</i>	64.1713	-51.7198	uncertain (undersampled, 5 min)
<i>Thule, Greenland</i>	76.5434	-68.8626	uncertain (undersampled, 5 min)
<i>Alert, Canada</i>	82.4900	-62.3200	missing data
<i>Ittoqqortoormiit, Greenland</i>	70.4838	-21.9620	uncertain (undersampled, 5 min)
<i>Reykjavik, Iceland</i>	64.1500	-21.9333	no data
<i>Ny Alesund, Norway</i>	78.9333	11.9500	uncertain (undersampled, 10 min)
<i>Vardo, Norway</i>	70.3333	31.1000	uncertain (undersampled, 10 min)
<i>Honningsvåg, Norway</i>	70.9833	25.9833	uncertain (undersampled, 10 min)
<i>Andenes, Norway</i>	69.3167	16.1500	uncertain (undersampled, 10 min)
<i>Rorvik, Norway</i>	64.8667	11.2500	uncertain (undersampled, 10 min)
<i>Måløy, Norway</i>	61.9333	5.1167	uncertain (undersampled, 10 min)
<i>Tregde, Norway</i>	58.0000	7.5667	uncertain (undersampled, 10 min)
<i>Kungsvik, Sweden</i>	58.9967	11.1272	not detected
<i>Somgen, Sweden</i>	58.3536	11.2178	not detected
<i>Brofjorden, Sweden</i>	58.3361	11.4047	not detected
<i>Uddevalla, Sweden</i>	58.3475	11.8947	not detected
<i>Stenungsund, Sweden</i>	58.0933	11.8325	not detected
<i>Marstrand, Sweden</i>	57.8869	11.5936	not detected
<i>Vinga, Sweden</i>	57.6317	11.6089	not detected
<i>Goteborg (Torshammen), Sweden</i>	57.6847	11.7906	not detected
<i>Onsala, Sweden</i>	57.3919	11.9192	not detected
<i>Ringhals, Sweden</i>	57.2497	12.1125	no data
<i>Varberg, Sweden</i>	57.1111	12.2386	not detected
<i>Falkenberg, Sweden</i>	56.8919	12.4894	not detected

<i>Halmstad, Sweden</i>	56.6497	12.8425	not detected
<i>Viken, Sweden</i>	56.1422	12.5792	not detected
<i>Helsingborg, Sweden</i>	56.0447	12.6872	not detected
<i>Barseback, Sweden</i>	55.7564	12.9033	not detected
<i>Malmo Hamn, Sweden</i>	55.6136	12.9975	not detected
<i>Klagshamn, Sweden</i>	55.5222	12.8936	not detected
<i>Skonor, Sweden</i>	55.4167	12.8297	not detected
<i>Hirtshals, Denmark</i>	57.6000	9.9700	uncertain (undersampled, 10 min)
<i>Hörnum, Germany</i>	54.7581	8.2975	uncertain (noisy)
<i>Helgoland Binnenhafen, Germany</i>	54.1758	7.8914	uncertain (noisy)
<i>Cuxhaven, Germany</i>	53.8678	8.7175	uncertain (noisy)
<i>Borkum Fischerbalje, Germany</i>	53.5575	6.7494	uncertain (noisy)
<i>Delfzijl, Netherlands</i>	53.3266	6.9330	small, no analysis
<i>Terschelling Noordzee, Netherlands</i>	53.4278	5.3328	uncertain (undersampled, 10 min)
<i>Harlingen, Netherlands</i>	53.1756	5.4110	uncertain (undersampled, 10 min)
<i>Den Helder, Netherlands</i>	52.9637	4.7434	uncertain (undersampled, 10 min)
<i>Scheveningen, Netherlands</i>	52.0989	4.2632	uncertain (undersampled, 10 min)
<i>Hoek van Holland, Netherlands</i>	51.9775	4.1195	uncertain (undersampled, 10 min)
<i>Europlatform, Netherlands</i>	51.9977	3.2747	uncertain (undersampled, 10 min)
<i>Vlatke v/d Raan, Netherlands</i>	51.5036	3.2417	uncertain (undersampled, 10 min)
<i>Vlissingen, Netherlands</i>	51.4429	3.5970	uncertain (undersampled, 10 min)
<i>Terneuzen, Netherlands</i>	51.3362	3.8195	uncertain (undersampled, 10 min)
<i>Ostend, Belgium</i>	51.2331	2.9206	uncertain (undersampled, 5 min)
<i>Dunkerque, France</i>	51.0481	2.3667	uncertain (noisy)
<i>Calais, France</i>	50.9690	1.8680	uncertain (noisy)
<i>Boulogne-Sur-Mer, France</i>	50.7270	1.5770	uncertain (noisy)
<i>Dieppe, France</i>	49.9300	1.0850	uncertain (noisy)
<i>Le Havre, France</i>	49.4819	0.1060	uncertain (noisy)
<i>Ouisterham, France</i>	49.2794	-0.2490	uncertain (noisy)
<i>Cherbourg, France</i>	49.6500	-1.6300	small, no analysis
<i>Dielette, France</i>	49.5500	-1.8600	uncertain (noisy)
<i>Jersey, UK</i>	49.1800	-2.1200	uncertain (undersampled, 15 min)
<i>St Malo, France</i>	48.6420	-2.0280	uncertain (noisy)
<i>Saint-Quay-Portrieux, France</i>	48.6482	-2.8225	uncertain (noisy)
<i>Roscoff, France</i>	48.7160	-3.9660	uncertain (noisy)
<i>Le Conquet, France</i>	48.3600	-4.7800	small, no analysis

<i>Brest, France</i>	48.3800	-4.5000	small, no analysis
<i>Audierren, France</i>	48.0216	-4.5372	uncertain (noisy)
<i>Port Tudy, France</i>	47.6439	-3.4471	small, no analysis
<i>Le Crouesty, France</i>	47.5430	-2.8950	small, no analysis
<i>Saint Nazaire, France</i>	47.2600	-2.2000	uncertain (noisy)
<i>L'Herbaudière, France</i>	47.0260	-2.2990	uncertain (noisy)
<i>Les Sables d'Olonne, France</i>	46.4975	-1.7937	uncertain (noisy)
<i>La Rochelle-Pallice, France</i>	46.1585	-1.2207	small, no analysis
<i>Ile d'Aix, France</i>	46.0074	-1.1742	uncertain (noisy)
<i>Port Bloc, France</i>	45.5690	-1.0620	uncertain (noisy)
<i>Arcachon Eyrac, France</i>	44.6650	-1.1640	uncertain (noisy)
<i>Mimizan, France</i>	44.2107	-1.2951	instrument issues
<i>Boucau-Bayonne, France</i>	43.5273	-1.5148	uncertain (noisy)
<i>Socoa, France</i>	43.3952	-1.6816	uncertain (noisy)
<i>Bilbao, Spain</i>	43.3600	-3.0500	no data
<i>Satander, Spain</i>	43.4613	-3.7908	no data
<i>Gijon, Spain</i>	43.5580	-5.6984	no data
<i>Ferrol, Spain</i>	43.4600	-8.3300	no data
<i>A Coruna, Spain</i>	43.3573	-8.3894	no data
<i>Langosteira, Spain</i>	43.3465	-8.5301	no data
<i>Vilagarcia, Spain</i>	42.6007	-8.7700	no data
<i>Marin, Spain</i>	42.4061	-8.6911	no data
<i>Vigo, Spain</i>	42.2431	-8.7260	no data
<i>Cascais, Portugal</i>	38.6932	-9.4154	instrument issues
<i>Lagos, Portugal</i>	37.0988	-8.6668	instrument issues
<i>Arrafiana, Portugal (ISDL-08)</i>	37.2956	-8.8694	instrument issues
<i>Algarve, Portugal (IPMA-IGLAG)</i>	37.0988	-8.6668	uncertain (noisy)
<i>Albufiera, Portugal (ISDL-05)</i>	37.0826	-8.2604	uncertain (noisy)
<i>Huelva, Spain</i>	37.1320	-6.8337	no data
<i>Sevilla, Spain</i>	37.3185	-6.0077	no data
<i>Bonanza, Spain</i>	36.8022	-6.3381	no data
<i>Arrecife, Spain</i>	28.9719	-13.5301	no data
<i>Fuerteventura, Spain</i>	28.4925	-13.8582	no data
<i>Puerto de la Luz, Spain</i>	28.1300	-15.4100	no data
<i>Tenerife, Spain</i>	28.4772	-16.2411	no data
<i>Arona, Spain</i>	28.0469	-16.7181	no data

<i>La Gomera, Spain</i>	28.0878	-17.1083	no data
<i>El Hierro, Spain</i>	27.7841	-17.9016	no data
<i>Las Palmas, Spain</i>	28.6778	-17.7680	no data
<i>Puerto de Tazacorte, Spain</i>	28.6409	-17.9439	uncertain (noisy)
<i>Andaluica, Spain (ISDL-06)</i>	36.5421	-6.2806	uncertain (noisy)
<i>Murcia, Spain (ISDL-07)</i>	37.5671	-0.9790	instrument issues
<i>Islas Belears, Spain (ISDL-29)</i>	39.8723	4.3084	instrument issues
<i>Ceuta, Spain (ISDL-31)</i>	35.8958	-5.3115	instrument issues
<i>Tarifa, Spain</i>	36.0065	-5.6035	no data
<i>Berkane, Morocco (ISDL-02)</i>	35.1119	-2.2929	instrument issues
<i>Gibraltar, UK</i>	36.1300	-5.3500	instrument issues
<i>Algeciras, Spain</i>	36.1770	-5.3980	no data
<i>Alboran Island, Spain</i>	35.9389	-3.0337	instrument issues
<i>Melilla, Spain</i>	35.2906	-2.9285	no data
<i>Malaga, Spain</i>	36.7118	-4.4171	no data
<i>Motril, Spain</i>	36.7202	-3.5236	no data
<i>Almeira, Spain</i>	36.8300	-2.4784	no data
<i>Caroboneras, Spain</i>	36.9743	-1.8996	no data
<i>Alicante, Spain</i>	38.3383	-0.4778	no data
<i>Gandia, Spain</i>	38.9952	-0.1514	no data
<i>Valencia, Spain</i>	39.4420	-0.3113	no data
<i>Sagunto, Spain</i>	39.6339	-0.2062	no data
<i>Formentera, Spain</i>	38.7347	1.4190	no data
<i>Ibiza, Spain</i>	38.9112	1.4498	no data
<i>Palmade Mallorca, Spain</i>	39.5602	2.6375	no data
<i>Alcudia, Spain</i>	39.8346	3.1390	no data
<i>Tarragona, Spain</i>	41.0790	1.2133	no data
<i>Barcelona, Spain</i>	41.3418	2.1657	no data
<i>Port Vendres, France</i>	42.5201	3.1073	no data
<i>Port la Nouvelle, France</i>	43.0092	3.0372	instrument issues
<i>Port Ferreol, France</i>	43.3592	6.7175	missing data
<i>Nice, France</i>	43.6950	7.2850	missing data
<i>Imperia, Italy</i>	43.8769	8.0188	small, no analysis
<i>Genoa, Italy</i>	44.4100	8.9250	instrument issues
<i>Marina di Campo, Italy</i>	42.7426	10.2383	small, no analysis
<i>Cevitavecchia, Italy</i>	42.0940	11.7897	small, no analysis

<i>Ginostra, Italy</i>	38.7840	15.1933	small, no analysis
<i>Porto Torres, Italy</i>	40.8422	8.4039	small, no analysis
<i>Ponza, Italy</i>	40.8952	12.9656	uncertain (noisy)
<i>Bari, Italy</i>	41.1402	16.8660	uncertain (noisy)
<i>Isole Tremiti, Italy</i>	42.1189	15.5016	small, no analysis
<i>Ancona, Italy</i>	43.6248	13.5065	small, no analysis
<i>Ravenna, Italy</i>	44.4921	12.2827	uncertain (noisy)
<i>Venice, Italy</i>	45.4182	12.4265	uncertain (noisy)
<i>Trieste, Italy</i>	45.6494	13.7579	uncertain (noisy)
<i>Sobra, Croatia</i>	42.7930	17.6200	uncertain (noisy)
<i>Preveza, Greece (ISDL-35)</i>	38.9495	20.7287	missing data
<i>Katakolo, Greece</i>	37.6400	21.3190	instrument issues
<i>Kalamata, Greece</i>	37.0220	22.1100	uncertain (undersampled, 5 min)
<i>Panormos, Greece (ISDL-24)</i>	38.3600	22.2539	instrument issues
<i>Kalathos, Greece (NOA-01)</i>	36.1139	28.0696	no data
<i>Bozcaada, Turkey (ISDL-14)</i>	39.8357	26.0759	missing data
<i>Samothraki, Greece (NOA-09)</i>	40.4746	25.4680	small, no analysis
<i>Gokcaeda, Turkey</i>	40.2314	25.8936	small, no analysis
<i>Thesaloniki, Greece (NOA-12)</i>	40.6300	22.9100	no data
<i>Corinth, Greece (ISDL-13)</i>	37.9452	22.9365	small, no analysis
<i>Kasos, Greece (NOA-03)</i>	35.4186	26.9218	instrument issues
<i>Hrakleio, Crete (NOA-10)</i>	35.3484	25.1525	instrument issues
<i>Mentes, Turkey</i>	38.4277	26.7166	small, no analysis
<i>Bozyazi, Turkey</i>	36.0974	32.9413	instrument issues
<i>Zygli, Cyprus</i>	34.7263	33.3402	missing data
<i>Erdemli, Turkey</i>	36.6111	34.3279	uncertain (noisy)
<i>Iskendrun, Turkey</i>	36.5942	36.1768	uncertain (noisy)
<i>Batroun, Lebanon</i>	34.2516	35.6564	missing data
<i>Alexandria, Egypt</i>	31.2124	29.8849	missing data
<i>Erdek, Turkey</i>	40.3899	27.8452	small, no analysis
<i>Yalova, Turkey</i>	40.6620	29.2777	small, no analysis
<i>Sile, Turkey</i>	41.1798	29.6039	uncertain (noisy)
<i>Amsara, Turkey</i>	41.7444	32.3918	uncertain (noisy)
<i>Sinop, Turkey</i>	42.0167	35.1500	uncertain (noisy)
<i>Samsun, Turkey</i>	41.2949	36.3375	missing data
<i>Trabzon, Turkey</i>	41.0019	39.7445	small, no analysis

<i>LT Kiel, Germany</i>	54.4997	10.2747	uncertain (noisy and stormy)
<i>Warnemunde, Germany</i>	54.1697	12.1033	uncertain (noisy and stormy)
<i>Sasnitz, Germany</i>	54.5108	13.6431	uncertain (noisy and stormy)
<i>Ystad, Sweden</i>	55.4228	13.8256	uncertain (noisy and stormy)
<i>Simrishamn, Sweden</i>	55.5575	14.3578	uncertain (noisy and stormy)
<i>Kalshamn, Sweden</i>	56.1542	14.8214	uncertain (noisy and stormy)
<i>Kungsholmsfort, Sweden</i>	56.1053	15.5894	uncertain (noisy and stormy)
<i>Kalmar, Sweden</i>	56.6589	16.3783	uncertain (noisy and stormy)
<i>Oskarshamn, Sweden</i>	57.2750	16.4781	uncertain (noisy and stormy)
<i>Simpevarp, Sweden</i>	57.4103	16.6758	uncertain (noisy and stormy)
<i>Olands norra udde, Sweden</i>	57.3661	17.0972	uncertain (noisy and stormy)
<i>Visby, Sweden</i>	57.6392	18.2844	uncertain (noisy and stormy)
<i>Vastervik, Sweden</i>	57.7483	16.6753	uncertain (noisy and stormy)
<i>Arko, Sweden</i>	58.4842	16.9606	uncertain (noisy and stormy)
<i>Oxelosund Vinterklasen, Sweden</i>	58.6617	17.1247	uncertain (noisy and stormy)
<i>Landsort Norra, Sweden</i>	58.7689	17.8589	uncertain (noisy and stormy)
<i>E4 Bron Sodertalje, Sweden</i>	59.1847	17.6428	uncertain (noisy and stormy)
<i>Nynas Fiskehamn, Sweden</i>	58.9175	17.9722	uncertain (noisy and stormy)
<i>Stockholm, Sweden</i>	59.3242	18.0819	uncertain (noisy and stormy)
<i>Forsmark, Sweden</i>	60.4086	18.2108	uncertain (noisy and stormy)
<i>Bonan, Sweden</i>	60.7386	17.3186	uncertain (noisy and stormy)
<i>Ljusne Orrskarskajen, Sweden</i>	61.2069	17.1456	uncertain (noisy and stormy)
<i>Spikarna, Sweden</i>	62.3633	17.5311	uncertain (noisy and stormy)
<i>Lunde, Sweden</i>	62.8806	17.8764	uncertain (noisy and stormy)
<i>Skagsudde, Sweden</i>	63.1906	19.0125	uncertain (noisy and stormy)
<i>Holmsund, Sweden</i>	63.6958	20.3472	uncertain (noisy and stormy)
<i>Ratan, Sweden</i>	63.9861	20.8950	uncertain (noisy and stormy)
<i>Furuoggrund, Sweden</i>	64.9158	21.2306	uncertain (noisy and stormy)
<i>Stromoren, Sweden</i>	65.5497	22.2383	uncertain (noisy and stormy)
<i>Kalix Storon, Sweden</i>	65.6969	23.0961	uncertain (noisy and stormy)
<i>Kalix Karlsborg, Sweden</i>	65.7889	23.3033	uncertain (noisy and stormy)
<i>Lerwick, UK</i>	60.1553	-1.1452	uncertain (undersampled, 15 min)
<i>Wick, UK</i>	58.4400	-3.0900	uncertain (undersampled, 15 min)
<i>Aberdeen, UK</i>	57.1400	-2.0800	uncertain (undersampled, 15 min)
<i>Leith, UK</i>	55.9900	-3.1800	uncertain (undersampled, 15 min)
<i>North Shields, UK</i>	55.0100	-1.4400	uncertain (undersampled, 15 min)

<i>Whitby, UK</i>	54.4900	-0.6100	uncertain (undersampled, 15 min)
<i>Immingham, UK</i>	53.6300	-0.1900	uncertain (undersampled, 15 min)
<i>Cromer, UK</i>	52.9300	1.3000	uncertain (undersampled, 15 min)
<i>Lowestoft, UK</i>	52.4700	1.7500	uncertain (undersampled, 15 min)
<i>Harwich, UK</i>	51.9500	1.2900	uncertain (undersampled, 15 min)
<i>Sheerness, UK</i>	51.4500	0.7400	uncertain (undersampled, 15 min)
<i>Herne Bay, UK</i>	51.3821	1.1152	uncertain (noisy)
<i>Deal Pier, UK</i>	51.2238	1.4093	missing data
<i>Dover, UK</i>	51.1100	1.3200	uncertain (undersampled, 15 min)
<i>Hastings Pier, UK</i>	50.8509	0.5729	not detected
<i>Newhaven, UK</i>	50.7800	0.0600	uncertain (undersampled, 15 min)
<i>Portsmouth, UK</i>	50.8000	-1.1100	uncertain (undersampled, 15 min)
<i>Sandown Pier, UK</i>	50.6511	-1.1532	not detected
<i>Lymington, UK</i>	50.7403	-1.5071	not detected
<i>Bournemouth, UK</i>	50.7100	-1.8700	uncertain (undersampled, 15 min)
<i>Swanage Pier, UK</i>	50.6093	-1.9492	instrument issues
<i>Weymouth, UK</i>	50.6100	-2.4500	uncertain (undersampled, 15 min)
<i>West Bay Harbour, UK</i>	50.7102	-2.7640	instrument issues
<i>Exmouth Marina, UK</i>	50.6174	-3.4236	not detected
<i>Plymouth, UK</i>	50.3700	-4.1900	uncertain (undersampled, 15 min)
<i>Newlyn, UK</i>	50.1030	-5.5428	uncertain (undersampled, 15 min)
<i>St Marys, UK</i>	49.9179	-6.3172	uncertain (undersampled, 15 min)
<i>Port Isaac, UK</i>	50.5942	-4.8344	not detected
<i>Ilfacombe, UK</i>	51.2100	-4.1100	uncertain (undersampled, 15 min)
<i>Hinkley Point, UK</i>	51.2100	-3.1300	no data
<i>Avonmouth, UK</i>	51.5000	-2.7300	uncertain (undersampled, 15 min)
<i>Second Severn Crossing, UK</i>	51.5701	-2.7000	not detected
<i>Newport, UK</i>	51.5500	-2.9900	uncertain (undersampled, 15 min)
<i>Mumbles, UK</i>	51.5700	-3.9800	uncertain (undersampled, 15 min)
<i>Milford Haven, UK</i>	51.7100	-5.0500	uncertain (undersampled, 15 min)
<i>Fishguard, UK</i>	52.0100	-4.9800	uncertain (undersampled, 15 min)
<i>Barmouth, UK</i>	52.7200	-4.0500	uncertain (undersampled, 15 min)
<i>Holyhead, UK</i>	53.3100	-4.6200	uncertain (undersampled, 15 min)
<i>Llandundo, UK</i>	53.3300	-3.8300	uncertain (undersampled, 15 min)
<i>Liverpool, UK</i>	53.4500	-3.0200	uncertain (undersampled, 15 min)
<i>Heysham, UK</i>	54.0300	-2.9200	uncertain (undersampled, 15 min)

<i>Workington, UK</i>	54.6500	-3.5700	uncertain (undersampled, 15 min)
<i>Portpatrick, UK</i>	54.8400	-5.1200	uncertain (undersampled, 15 min)
<i>Bangor, UK</i>	54.6600	-5.6700	uncertain (undersampled, 15 min)
<i>Portrush, UK</i>	55.2100	-6.6600	uncertain (undersampled, 15 min)
<i>Malin Head, Ireland</i>	55.3717	-7.3343	uncertain (noisy)
<i>Millport, UK</i>	55.7500	-4.9100	uncertain (undersampled, 15 min)
<i>Tobermory, UK</i>	56.6200	-6.0600	uncertain (undersampled, 15 min)
<i>Ullapool, UK</i>	57.9000	-5.1600	uncertain (undersampled, 15 min)
<i>Stornoway, UK</i>	58.2100	-6.3900	uncertain (undersampled, 15 min)
<i>Kinlochbervie, UK</i>	58.4600	-5.0500	uncertain (undersampled, 15 min)
<i>Marmagao, India</i>	15.4100	73.8000	uncertain (undersampled, 15 min)
<i>Minicoy, India</i>	8.2800	73.0500	missing data
<i>Hanimadhoo, Maldives</i>	6.7667	73.1667	missing data
<i>Male, Maldives</i>	4.1900	73.5267	small, no analysis
<i>Gan, Maldives</i>	-0.6867	73.1517	small, no analysis
<i>Diego Garcia, Maldives</i>	-7.2903	72.3939	uncertain (noisy)
<i>Veereval, India</i>	20.9000	70.3600	missing data
<i>Karachi, Pakistan</i>	24.8117	66.9750	small, no analysis
<i>Ormana, Pakistan</i>	25.2037	64.6764	no data
<i>Gwadar, Pakistan</i>	25.1122	62.3394	missing data
<i>Khawr Wudam, Oman</i>	23.8200	57.5200	uncertain (noisy)
<i>Muscat, Oman</i>	23.6333	58.5667	instrument issues
<i>Qurayat, Oman</i>	23.2600	58.9250	instrument issues
<i>Sur, Oman</i>	22.5700	59.5200	missing data
<i>Duqm, Oman</i>	19.6600	57.7200	uncertain (noisy)
<i>Zanzibar, Tanzania</i>	-6.1500	39.1833	missing data
<i>Pt La Rue, Seychelles</i>	-4.5000	55.5000	small, no analysis
<i>Sainte Marie, Reunion</i>	-20.8928	55.5369	instrument issues
<i>Pt Louis, Mauritius</i>	-20.1572	57.5043	small, no analysis
<i>Blue Bay, Mauritius</i>	-20.4441	57.7110	small, no analysis
<i>St Paul Island</i>	-38.7117	77.5383	uncertain (undersampled, 20 min)
<i>Marion Island, South Africa</i>	-46.8667	37.8667	small, no analysis

213 **Table S4** Maximum water level parameters. Maximum level reached after the tsunami is given
 214 (mm), along with the day and time of maximum water level, time between eruption and
 215 maximum level (hours), and time difference between VMT arrival and maximum water level
 216 (hours). A mean offset is removed from all results. Values of ** in the final column indicate that
 217 the VMT arrival times were not determined.
 218

<u>Station</u>	<u>Max WL (mm)</u>	<u>Max height day</u>	<u>Max height time (UTC)</u>	<u>Time after eruption (hours)</u>	<u>Time difference between max WL and VMT arrival (hours)</u>
<i>Suva, Fiji</i>	346	1/15/2022	6:02:00	1.79	1.02
<i>Lautoka, Fiji</i>	173	1/15/2022	9:56:00	5.69	4.82
<i>Quinne, New Caledonia</i>	1165	1/15/2022	9:10:00	4.92	2.95
<i>Hienghene, New Caledonia</i>	500	1/15/2022	9:14:00	4.99	2.85
<i>Noumea, New Caledonia</i>	79	1/15/2022	9:20:00	5.09	**
<i>Ouvea, New Caledonia</i>	528	1/15/2022	8:36:00	4.35	**
<i>Thio, New Caledonia</i>	710	1/15/2022	9:32:00	5.29	3.49
<i>Fongafele, Tuvalu</i>	138	1/15/2022	7:30:00	3.25	1.82
<i>Port Vila, Vanuatu</i>	1132	1/15/2022	9:14:00	4.99	3.29
<i>Luganville, Vanuatu</i>	585	1/15/2022	9:05:00	4.84	3.03
<i>Litzlitz, Vanuatu</i>	411	1/15/2022	9:05:00	4.84	3.09
<i>Honiara, Solomon Islands</i>	113	1/15/2022	11:28:00	7.22	4.38
<i>Tarekukure Wharf, Solomon Islands</i>	194	1/15/2022	14:44:00	10.49	7.45
<i>Lombrum/Manus, Papua New Guinea</i>	218	1/15/2022	13:13:00	8.97	4.67
<i>Pago Pago, American Samoa</i>	581	1/15/2022	5:39:00	1.40	0.55
<i>Apia, American Samoa</i>	270	1/15/2022	7:03:00	2.80	1.93
<i>Tarawa, Kiribati</i>	64	1/15/2022	11:13:00	6.97	**
<i>Christmas, Kiribati</i>	204	1/15/2022	10:01:00	5.77	2.63
<i>Palmyra Island, USA</i>	41	1/15/2022	9:07:00	4.87	1.85
<i>Penrhyn, Cook Islands</i>	112	1/15/2022	8:41:00	4.44	**
<i>Hilo, HI, USA</i>	350	1/15/2022	12:41:00	8.44	3.38
<i>Kawaihae, HI, USA</i>	400	1/15/2022	11:37:00	7.37	2.62
<i>Kahului, HI, USA</i>	921	1/15/2022	12:38:00	8.39	3.27
<i>Honolulu, HI, USA</i>	240	1/15/2022	11:59:00	7.74	2.97
<i>Barbers Point, HI, USA</i>	180	1/15/2022	11:11:00	6.94	1.94
<i>Mokuoloe, HI, USA</i>	50	1/15/2022	11:35:00	7.34	**
<i>Nawiliwili, HI, USA</i>	490	1/15/2022	12:14:00	7.99	3.40
<i>French Frigate Shoals, HI, USA</i>	180	1/15/2022	13:13:00	8.97	4.12
<i>Johnston Island, USA</i>	120	1/15/2022	9:46:00	5.52	1.47
<i>Midway, Island, USA</i>	270	1/15/2022	11:39:00	7.40	2.43
<i>Rarotonga, Cook Islands</i>	623	1/15/2022	7:48:00	3.55	1.86
<i>Tubuai, Austral Islands</i>	351	1/15/2022	8:06:00	3.85	1.20
<i>Huahine Island, French Polynesia</i>	567	1/15/2022	8:07:00	3.87	1.32

<i>Papeete, Tahiti, French Polynesia</i>	314	1/15/2022	8:15:00	4.00	1.50
<i>Vairao, Tahiti, French Polynesia</i>	565	1/15/2022	8:18:00	4.05	1.40
<i>Makemo, Tuamotu, French Polynesia</i>	30	1/15/2022	10:04:00	5.82	**
<i>Rikitea, French Polynesia</i>	284	1/15/2022	10:35:00	6.34	2.24
<i>Nuku Hiva, French Polynesia</i>	651	1/15/2022	10:49:00	6.57	2.43
<i>Hiva Oa, French Polynesia</i>	380	1/15/2022	10:19:00	6.07	1.95
<i>Easter Island, Chile</i>	489	1/15/2022	17:12:17	12.96	**
<i>Juan Fernandez Island, Chile</i>	276	1/16/2022	21:38:00	17.39	8.17
<i>San Felix Island, Chile</i>	415	1/15/2022	22:21:00	18.10	**
<i>Baltra, Galapagos Islands</i>	323	1/15/2022	20:55:00	16.67	**
<i>Santa Cruz, Galapagos Islands</i>	797	1/15/2022	20:27:00	16.20	6.50
<i>Wake Island, USA</i>	150	1/15/2022	10:46:00	6.52	1.62
<i>Kwajalein Island, USA</i>	100	1/15/2022	9:44:00	5.49	1.22
<i>Chuuk, Micronesia</i>	66	1/15/2022	15:19:00	11.07	6.38
<i>Nauru</i>	150	1/15/2022	11:32:00	7.29	4.69
<i>Pohnpei, Micronesia</i>	45	1/15/2022	11:31:00	7.27	7.27
<i>Saipan Island, USA</i>	81	1/15/2022	13:07:00	8.87	3.38
<i>Pago Bay, Guam, USA</i>	110	1/15/2022	18:53:00	14.64	9.67
<i>Apra Harbor, Guam, USA</i>	100	1/15/2022	20:01:00	15.77	10.58
<i>Chichijima Island, Japan</i>	857	1/15/2022	13:52:00	9.62	2.78
<i>Naha, Japan</i>	281	1/15/2022	14:33:00	10.30	2.31
<i>Ishigaki, Japan</i>	210	1/15/2022	15:02:00	10.79	3.37
<i>Nikol'skoe, Russia</i>	85	1/15/2022	19:08:00	14.89	6.87
<i>Vodopadnaya, Russia</i>	609	1/15/2022	16:46:00	12.52	4.45
<i>Preobrazheniye, Russia</i>	187	1/15/2022	14:25:00	10.17	1.90
<i>Rudnaya Pristan, Russia</i>	231	1/15/2022	18:58:00	14.72	6.55
<i>Abashiri, Japan</i>	184	1/15/2022	17:13:00	12.97	4.55
<i>Hanasaki, Japan</i>	496	1/15/2022	14:29:00	10.24	2.85
<i>Kushiro, Japan</i>	396	1/15/2022	14:34:00	10.32	2.70
<i>Hakodate, Japan</i>	274	1/15/2022	16:05:00	11.84	4.42
<i>Ofunato, Japan</i>	243	1/15/2022	14:32:00	10.29	2.73
<i>Mera, Japan</i>	304	1/15/2022	15:10:00	10.92	3.35
<i>Omaezaki, Japan</i>	678	1/15/2022	15:16:00	11.02	3.35
<i>Kushimoto, Japan</i>	917	1/15/2022	16:23:00	12.14	4.52
<i>Tosashimizu, Japan</i>	972	1/15/2022	15:23:00	11.14	3.40
<i>Aburatsu, Japan</i>	617	1/15/2022	16:29:00	12.24	4.90
<i>Nagasaki, Japan</i>	240	1/15/2022	18:11:00	13.94	5.85
<i>Shek Pik, Hong Kong SAR, China</i>	81	1/15/2022	16:00:00	11.75	2.91
<i>Quarry Bay, Hong Kong SAR, China</i>	73	1/15/2022	20:00:00	15.75	7.15
<i>Shenzhen, China</i>	121	1/15/2022	18:31:00	14.27	5.30
<i>Qinglan, China</i>	34	1/15/2022	21:28:00	17.22	7.93

<i>Davao, Philippines</i>	189	1/15/2022	13:14:00	8.99	2.75
<i>Esperance, Australia</i>	184	1/15/2022	12:16:00	8.02	1.95
<i>Portland, Australia</i>	113	1/15/2022	16:46:00	12.52	7.88
<i>Burnie, Australia</i>	207	1/15/2022	14:47:00	10.54	**
<i>Spring Bay, Australia</i>	311	1/15/2022	10:06:00	5.85	2.12
<i>Port Kembla, Australia</i>	646	1/15/2022	15:49:00	11.57	7.97
<i>Twofold Bay, Australia</i>	708	1/15/2022	12:29:00	8.24	4.53
<i>Gold Coast, Australia</i>	793	1/15/2022	11:56:00	7.69	4.60
<i>Rossllyn Bay, Australia</i>	230	1/15/2022	16:34:00	12.32	**
<i>Norfolk Island, Australia</i>	1167	1/15/2022	9:18:00	5.05	3.05
<i>Lihou Reef, Australia</i>	92	1/15/2022	11:19:00	7.07	**
<i>Torres Strait, Australia</i>	54	1/15/2022	16:00:00	11.75	7.25
<i>Cape Ferguson, Australia</i>	60	1/15/2022	14:44:00	10.49	**
<i>Chatham Island, New Zealand</i>	784	1/15/2022	15:47:00	11.54	8.67
<i>North Cape, New Zealand</i>	640	1/15/2022	11:24:00	7.15	4.60
<i>Great Barrier Island, New Zealand</i>	1480	1/15/2022	12:10:00	7.92	5.72
<i>Auckland, New Zealand</i>	202	1/15/2022	11:52:00	7.62	5.78
<i>Manakau, New Zealand</i>	310	1/15/2022	20:18:00	16.05	13.15
<i>Tauranga, New Zealand</i>	251	1/15/2022	10:05:00	5.84	3.39
<i>East Cape, New Zealand</i>	637	1/15/2022	8:51:00	4.60	2.70
<i>Gisborne, New Zealand</i>	766	1/15/2022	12:03:00	7.80	5.65
<i>Napier, New Zealand</i>	351	1/15/2022	10:33:00	6.30	3.40
<i>Castlepoint, New Zealand</i>	232	1/15/2022	14:39:00	10.40	7.90
<i>Wellington, New Zealand</i>	262	1/15/2022	22:13:00	17.97	15.40
<i>Kaikoura, New Zealand</i>	186	1/15/2022	13:33:00	9.30	6.23
<i>Christchurch, New Zealand</i>	434	1/15/2022	15:21:00	11.10	8.48
<i>Puysegur Welcome Bay, New Zealand</i>	159	1/15/2022	12:32:00	8.29	5.07
<i>Jackson Bay, New Zealand</i>	1009	1/15/2022	12:50:00	8.59	5.82
<i>Dog Island, New Zealand</i>	250	1/15/2022	15:35:00	11.34	8.54
<i>Green Island, New Zealand</i>	251	1/15/2022	11:39:00	7.40	4.46
<i>Westgate Port Taranaki, New Zealand</i>	496	1/15/2022	14:47:00	10.54	8.25
<i>Timaru, New Zealand</i>	403	1/15/2022	17:24:00	13.15	10.20
<i>Moturiki, New Zealand</i>	807	1/15/2022	11:39:00	7.40	5.20
<i>Little Kaiteriteri, New Zealand</i>	282	1/15/2022	20:13:00	15.97	13.57
<i>Scott Base, Antarctica</i>	60	1/16/2022	2:36:00	22.35	**
<i>Base Prat, Antarctica</i>	266	1/15/2022	18:37:00	14.37	5.67
<i>Vernadsky-Faraday, Antarctica</i>	283	1/15/2022	17:45:00	13.50	**
<i>Base O'Higgins, Antarctica</i>	107	1/15/2022	20:09:00	15.90	7.23
<i>King Edward Point, Sandwich Islands</i>	226	1/15/2022	21:27:00	17.20	6.91
<i>Puerto Williams, Chile</i>	117	1/15/2022	18:46:00	14.52	**
<i>Ushuaia, Chile</i>	78	1/15/2022	20:03:00	15.80	**

<i>Puerto Eden, Chile</i>	81	1/15/2022	18:40:00	14.42	**
<i>Puerto Melinka, Chile</i>	129	1/15/2022	19:57:00	15.70	**
<i>Castro, Chile</i>	248	1/15/2022	21:40:00	17.42	8.42
<i>Ancud, Chile</i>	287	1/15/2022	20:06:00	15.85	7.20
<i>Bahia Mansa, Chile</i>	581	1/15/2022	18:16:00	14.02	4.85
<i>Corral, Chile</i>	598	1/15/2022	18:56:00	14.69	4.77
<i>Lebu, Chile</i>	436	1/15/2022	17:39:00	13.40	4.53
<i>Coronel, Chile</i>	309	1/15/2022	18:10:00	13.92	4.52
<i>Talcahuano, Chile</i>	962	1/16/2022	1:08:00	20.89	11.05
<i>Quiriquina, Chile</i>	508	1/15/2022	23:31:00	19.27	9.45
<i>Constitucion, Chile</i>	362	1/15/2022	21:11:00	16.94	7.84
<i>San Antonio, Chile</i>	594	1/15/2022	19:33:00	15.30	5.85
<i>Valparaiso, Chile</i>	440	1/15/2022	19:17:00	15.04	5.60
<i>Qunitero, Chile</i>	529	1/15/2022	18:40:00	14.42	5.13
<i>Pichidangui, Chile</i>	723	1/15/2022	20:06:17	15.86	6.27
<i>Coquimbo, Chile</i>	1351	1/15/2022	19:49:00	15.57	6.37
<i>Huasco, Chile</i>	483	1/15/2022	19:51:12	15.61	6.24
<i>Caldera, Chile</i>	584	1/15/2022	20:00:00	15.75	6.03
<i>Chañaral, Chile</i>	1757	1/15/2022	21:25:00	17.17	7.92
<i>Taltal, Chile</i>	481	1/15/2022	20:00:00	15.75	6.03
<i>Paposo, Chile</i>	555	1/15/2022	19:56:00	15.69	6.20
<i>Antofagasta, Chile</i>	385	1/15/2022	20:05:00	15.84	6.09
<i>Mejillones, Chile</i>	740	1/15/2022	22:13:00	17.97	7.72
<i>Tocopilla, Chile</i>	455	1/15/2022	20:23:00	16.14	6.27
<i>Patache, Chile</i>	519	1/15/2022	21:23:00	17.14	7.38
<i>Iquique, Chile</i>	1079	1/15/2022	22:08:00	17.89	8.17
<i>Pisagua, Chile</i>	493	1/15/2022	23:59:00	19.74	9.92
<i>Arica, Chile</i>	1382	1/15/2022	22:30:00	18.25	8.05
<i>Matarani, Peru</i>	506	1/15/2022	20:48:00	16.55	6.53
<i>Callao, Peru</i>	508	1/15/2022	21:10:00	16.92	6.13
<i>La Libertad, Ecuador</i>	232	1/15/2022	20:48:00	16.55	7.23
<i>Cocos Island, Costa Rica</i>	299	1/15/2022	20:26:00	16.19	6.04
<i>Quepos, Costa Rica</i>	334	1/15/2022	20:35:00	16.34	5.54
<i>La Libertad, El Salvador</i>	204	1/15/2022	22:12:00	17.95	8.26
<i>Acajutla, El Salvador</i>	169	1/15/2022	19:43:00	15.47	5.77
<i>Puerto Madero, Mexico</i>	389	1/15/2022	19:34:00	15.32	5.78
<i>Puerto Angel, Mexico</i>	404	1/15/2022	20:54:00	16.65	**
<i>Huatulco, Mexico</i>	376	1/15/2022	21:11:00	16.94	8.55
<i>Acapulco, Mexico</i>	453	1/15/2022	21:03:00	16.80	8.47
<i>Lazaro Cardenas, Mexico</i>	188	1/15/2022	18:08:00	13.89	5.72
<i>Zihuatanejo, Mexico</i>	512	1/15/2022	18:22:00	14.12	5.58

<i>Puerto Vallarta, Mexico</i>	322	1/15/2022	17:02:00	12.79	4.90
<i>Mazatlan, Mexico</i>	289	1/15/2022	17:06:00	12.85	5.05
<i>La Paz, Mexico</i>	142	1/15/2022	20:15:00	16.00	6.31
<i>San Diego, CA, USA</i>	401	1/15/2022	17:40:00	13.42	5.78
<i>La Jolla, CA, USA</i>	300	1/15/2022	18:32:00	14.29	**
<i>Los Angeles, CA, USA</i>	600	1/15/2022	18:44:00	14.49	5.32
<i>Santa Monica, CA, USA</i>	580	1/15/2022	16:25:00	12.17	4.07
<i>Santa Barbara, CA, USA</i>	609	1/15/2022	20:02:00	15.79	7.60
<i>Oil Platform Harvest, CA, USA</i>	110	1/15/2022	15:46:00	11.52	**
<i>Port San Luis, CA, USA</i>	1340	1/15/2022	17:14:00	12.99	5.42
<i>Monterey, CA, USA</i>	761	1/15/2022	16:57:00	12.70	5.21
<i>San Francisco, CA, USA</i>	310	1/15/2022	17:47:00	13.54	5.47
<i>Alameda, CA, USA</i>	220	1/15/2022	17:24:00	13.15	4.82
<i>Richmond, CA, USA</i>	220	1/15/2022	17:21:00	13.10	4.80
<i>Redwood City, CA, USA</i>	70	1/15/2022	18:22:00	14.12	**
<i>Point Reyes, CA, USA</i>	811	1/15/2022	18:06:00	13.85	5.25
<i>Arena Cove, CA, USA</i>	1320	1/15/2022	18:35:00	14.34	6.07
<i>North Spit, CA, USA</i>	260	1/15/2022	17:11:00	12.94	4.20
<i>Crescent City, CA, USA</i>	1149	1/15/2022	18:48:00	14.55	5.35
<i>Port Orford, OR, USA</i>	310	1/15/2022	17:12:00	12.95	4.68
<i>Charleston, OR, USA</i>	220	1/15/2022	21:19:00	17.07	8.83
<i>South Beach, OR, USA</i>	190	1/15/2022	18:39:00	14.40	5.51
<i>Garibaldi, OR, USA</i>	120	1/15/2022	20:21:00	16.10	7.96
<i>Astoria, OR, USA</i>	100	1/15/2022	20:09:00	15.90	**
<i>Toke Point, WA, USA</i>	80	1/15/2022	18:32:00	14.29	5.10
<i>Westport, WA, USA</i>	140	1/15/2022	17:31:00	13.27	4.10
<i>La Push, WA USA</i>	250	1/15/2022	17:25:00	13.17	3.67
<i>Neah Bay, WA, USA</i>	149	1/15/2022	19:35:00	15.34	6.75
<i>Port Angeles, WA, USA</i>	140	1/15/2022	18:38:00	14.39	5.17
<i>Port Townsend, WA, USA</i>	140	1/15/2022	21:04:00	16.82	**
<i>Friday Harbor, WA, USA</i>	50	1/15/2022	19:10:00	14.92	**
<i>Bamfield, BC, Canada</i>	158	1/15/2022	18:19:00	14.07	**
<i>Victoria Harbour, BC, Canada</i>	116	1/15/2022	19:32:00	15.29	6.94
<i>Tofino, BC, Canada</i>	205	1/15/2022	20:32:00	16.29	7.33
<i>Port Alberni, BC, Canada</i>	273	1/15/2022	18:16:00	14.02	5.23
<i>Port Hardy, BC, Canada</i>	76	1/15/2022	19:07:00	14.87	14.87
<i>Winter Harbour, BC, Canada</i>	268	1/15/2022	18:17:00	14.04	5.54
<i>Henslung Cove, BC, Canada</i>	197	1/15/2022	17:22:00	13.12	2.87
<i>Port Alexander, AK, USA</i>	280	1/15/2022	18:50:00	14.59	3.97
<i>Sitka, AK, USA</i>	230	1/15/2022	17:38:00	13.39	2.75
<i>Elfin Cove, AK, USA</i>	120	1/15/2022	17:18:00	13.05	2.67

<i>Juneau, AK, USA</i>	90	1/15/2022	19:03:00	14.80	4.73
<i>Skagway, AK, USA</i>	100	1/15/2022	19:15:00	15.00	4.65
<i>Yakutat, AK, USA</i>	390	1/15/2022	20:57:00	16.70	5.96
<i>Kodiak Island, AK, USA</i>	282	1/15/2022	22:30:00	18.25	**
<i>Seward, AK, USA</i>	176	1/15/2022	20:02:00	15.79	6.52
<i>Altiak, AK, USA</i>	100	1/15/2022	18:31:00	14.27	5.22
<i>Sand Point, AK, USA</i>	310	1/15/2022	17:32:00	13.29	4.17
<i>King Cove, AK, USA</i>	960	1/15/2022	16:38:00	12.39	3.25
<i>Unalaska, AK, USA</i>	190	1/15/2022	17:28:00	13.22	5.30
<i>Nikolski, AK, USA</i>	340	1/15/2022	15:22:00	11.12	3.40
<i>Atka, AK, USA</i>	290	1/15/2022	16:51:00	12.60	5.25
<i>Adak, AK, USA</i>	408	1/15/2022	15:53:00	11.64	3.25
<i>St. Paul Island, AK, USA</i>	250	1/15/2022	17:13:00	12.97	4.33
<i>Kerguelen Island, France</i>	60	1/15/2022	17:57:00	13.70	4.83
<i>Rodrigues, Mauritius</i>	166	1/15/2022	18:28:00	14.22	2.72
<i>Pointe Des Galets, Reunion Island</i>	77	1/15/2022	3:47:00	23.54	12.12
<i>Toamasina, Madagascar</i>	128	1/15/2022	23:52:00	19.62	7.58
<i>Lamu, Kenya</i>	43	1/16/2022	5:50:00	25.59	11.60
<i>Mombasa, Kenya</i>	23	1/15/2022	19:45:00	15.50	1.55
<i>Dzaoudzi (Mayotte)</i>	34	1/15/2022	23:29:00	19.24	6.52
<i>Cochin, India</i>	82	1/16/2022	1:33:00	21.30	10.70
<i>Majis, Oman</i>	170	1/16/2022	4:14:00	23.99	10.50
<i>Salalah, Oman</i>	187	1/16/2022	0:11:00	19.94	5.17
<i>Colombo, Sri Lanka</i>	105	1/15/2022	17:50:00	13.59	2.55
<i>Trincomalee, Sri Lanka</i>	48	1/16/2022	3:50:00	23.59	13.39
<i>Visakhapatnam, India</i>	110	1/16/2022	2:40:00	22.42	11.62
<i>Dakar, Senegal</i>	112	1/15/2022	20:57:00	16.70	0.86
<i>Tema, Ghana</i>	158	1/16/2022	1:01:00	20.77	4.58
<i>Takoradi, Ghana</i>	434	1/16/2022	1:07:00	20.87	3.60
<i>Garachico, Spain</i>	158	1/16/2022	1:42:00	21.45	5.21
<i>Palmeira, Cabo Verde Islands</i>	188	1/16/2022	3:32:00	23.29	7.90
<i>Ponta Delgada, Azores Islands</i>	547	1/16/2022	7:41:00	27.44	9.62
<i>Concarneau, France</i>	167	1/16/2022	3:02:00	22.79	6.45
<i>Cascais, Portugal (IPMA-IGCAS)</i>	120	1/16/2022	1:40:00	21.42	4.80
<i>Cadiz, Spain</i>	95	1/16/2022	2:49:00	22.57	6.85
<i>Saidia Marina, Morocco</i>	112	1/16/2022	1:16:00	21.02	4.63
<i>Sete, France</i>	54	1/15/2022	23:11:00	18.94	1.02
<i>Fos-Sur-Mer, France</i>	66	1/15/2022	22:23:00	18.14	1.74
<i>Toulon, France</i>	72	1/15/2022	23:35:00	19.34	4.09
<i>La Figueirette, France</i>	27	1/15/2022	23:31:00	19.27	2.58
<i>Fontvieille Harbour, Monaco</i>	82	1/16/2022	1:09:00	20.90	5.05

<i>Centuri, Corsica</i>	52	1/16/2022	0:27:00	20.20	3.91
<i>Ajaccio, Corsica</i>	40	1/16/2022	9:19:00	29.07	12.78
<i>Solenzara, Corsica</i>	55	1/16/2022	2:18:00	22.05	4.70
<i>Ile Rousse, Corsica</i>	45	1/16/2022	1:59:00	21.74	5.54
<i>Carloforte, Sardinia</i>	60	1/16/2022	1:54:00	21.65	4.50
<i>Cagliari, Sardinia</i>	152	1/16/2022	1:36:00	21.35	5.10
<i>La Spezia, Italy</i>	37	1/16/2022	2:49:00	22.57	7.25
<i>Livorno, Italy</i>	89	1/16/2022	0:26:00	20.19	3.44
<i>Gaeta, Italy</i>	51	1/16/2022	5:30:00	25.25	8.78
<i>Napoli, Italy</i>	66	1/16/2022	1:25:00	21.17	3.52
<i>Salerno, Italy</i>	104	1/16/2022	1:18:00	21.05	3.68
<i>Palinuro, Italy</i>	42	1/16/2022	0:57:00	20.70	3.63
<i>Messina, Sicily</i>	51	1/16/2022	4:22:00	24.12	6.65
<i>Palermo, Sicily</i>	94	1/15/2022	21:17:00	17.04	0.42
<i>Sciacca, Sicily</i>	65	1/15/2022	23:41:00	19.44	1.40
<i>Porto Empedocle, Sicily</i>	123	1/16/2022	0:49:00	20.57	2.80
<i>Catania, Sicily</i>	150	1/15/2022	6:19:00	20.07	2.65
<i>Lampedusa, Italy</i>	75	1/16/2022	5:34:00	25.32	7.07
<i>Crotone, Italy</i>	257	1/16/2022	6:29:00	26.24	9.59
<i>Taranto, Italy</i>	53	1/16/2022	5:10:00	24.92	7.87
<i>Otranto, Italy</i>	106	1/16/2022	2:02:00	21.79	4.94
<i>Vieste, Italy</i>	96	1/17/2022	10:07:00	53.87	**
<i>Ortona, Italy</i>	112	1/17/2022	14:23:00	58.14	**
<i>S.Benedetto Del Tronto, Italy</i>	107	1/17/2022	11:38:00	55.39	**
<i>Stari Grad, Croatia</i>	99	1/17/2022	12:51:00	56.60	**
<i>Peiraias, Greece</i>	31	1/16/2022	1:10:00	20.92	3.15
<i>Syros, Greece</i>	17	1/16/2022	1:48:00	21.55	3.51
<i>Plimiri, Greece (NOA-02)</i>	110	1/16/2022	1:16:00	21.02	4.93
<i>Ierapetra, Crete (NOA-04)</i>	69	1/16/2022	0:57:00	20.70	3.90
<i>Itea, Greece (NOA-05)</i>	68	1/16/2022	2:26:00	22.19	5.29
<i>Aigio, Greece (NOA-06)</i>	40	1/16/2022	2:17:00	22.04	4.84
<i>Zakynthos, Greece (NOA-07)</i>	92	1/16/2022	0:57:00	20.70	3.15
<i>Kerykya, Greece (NOA-11)</i>	99	1/16/2022	0:24:00	20.15	1.53
<i>Bodrum, Turkey</i>	118	1/16/2022	2:35:00	22.34	5.84
<i>Marmaris, Turkey</i>	121	1/15/2022	23:32:00	19.29	3.00
<i>Antalya, Turkey</i>	36	1/16/2022	1:57:00	21.70	5.96
<i>Tasucu, Turkey</i>	50	1/15/2022	23:47:00	19.54	4.14
<i>Marmara Ereğlisi, Turkey</i>	39	1/16/2022	1:52:00	21.62	**
<i>Istanbul, Turkey</i>	74	1/16/2022	3:42:00	23.45	6.83
<i>Igneada, Turkey</i>	95	1/16/2022	4:10:00	23.92	6.57
<i>Imbituba, Brazil</i>	188	1/16/2022	6:43:00	26.47	16.03

<i>Vieux Fort, St Lucia</i>	81	1/15/2022	17:09:00	12.90	0.98
<i>Dennery, St Lucia</i>	84	1/16/2022	6:50:00	26.59	14.32
<i>Calliaqua, St Vincent and Grenadines</i>	48	1/15/2022	17:12:00	12.95	1.20
<i>Fort-de-France, Martinique</i>	112	1/15/2022	17:36:00	13.35	1.53
<i>Deshaies, Guadeloupe</i>	69	1/15/2022	17:51:00	13.60	1.50
<i>Portsmouth, Dominica</i>	67	1/15/2022	16:23:00	12.14	0.54
<i>Blowing Point, Anguilla</i>	164	1/16/2022	5:52:00	25.62	13.47
<i>Baharona, Dominican Republic</i>	44	1/15/2022	17:04:00	12.82	1.78
<i>Puerto Plata, Dominican Republic</i>	17	1/16/2022	5:36:00	25.35	14.03
<i>Punta Cana, Dominican Republic</i>	186	1/16/2022	6:13:00	25.97	14.50
<i>Charlotte Amelie, US Virgin Islands</i>	85	1/15/2022	17:09:00	12.90	1.06
<i>Lime Tree Bay, US Virgin Islands</i>	43	1/15/2022	16:41:00	12.44	0.79
<i>Mayaguez, Puerto Rico</i>	91	1/16/2022	8:01:00	27.77	16.37
<i>Vieques, Puerto Rico</i>	57	1/15/2022	16:00:00	11.75	0.06
<i>Salinas, Puerto Rico</i>	35	1/15/2022	18:42:00	14.45	2.70
<i>Mona Island, Puerto Rico</i>	177	1/16/2022	6:15:00	26.00	14.78
<i>Tuxpan, Mexico</i>	69	1/15/2022	20:44:00	16.49	7.79
<i>Bermuda Biological Station</i>	91	1/16/2022	6:41:00	26.44	**
<i>St Johns, Canada</i>	285	1/16/2022	11:58:00	31.72	17.68
<i>Port Fourchon, LA, USA</i>	30	1/15/2022	21:27:00	17.20	6.73
<i>Grand Isle, LA, USA</i>	40	1/15/2022	23:58:00	19.72	8.95
<i>Wrightsville Beach, NC, USA</i>	110	1/16/2022	10:03:00	29.80	**
<i>Beaufort, NC, USA</i>	70	1/16/2022	7:01:00	26.77	**
<i>Ocean City Inlet, MD, USA</i>	50	1/16/2022	6:40:00	26.42	**
<i>Lewes, DE, USA</i>	80	1/16/2022	12:58:00	32.72	**
<i>Cape May, NJ, USA</i>	51	1/16/2022	13:14:00	32.99	**
<i>Atlantic City, NJ, USA</i>	140	1/16/2022	15:43:00	35.47	**
<i>Woods Hole, MA, USA</i>	70	1/16/2022	14:48:00	34.55	**
<i>Nantucket, MA, USA</i>	50	1/16/2022	13:04:00	32.82	**
<i>Buoy #21420</i>	32	1/15/2022	14:49:00	10.57	3.60
<i>Buoy #51407</i>	52	1/15/2022	11:11:00	6.94	2.39

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221 **Table S5** First arrival of the volcanic meteotsunami wave estimated from water level records.
 222 Arrival day and times, duration since eruption (hours), and residual water level of the VMT
 223 (mm) are given. Entries of “**” indicate that the first VMT wave could not be determined from
 224 water level records. A mean offset is removed from all results.
 225

<u>Station</u>	<u>Arrival Day</u>	<u>Arrival Time (UTC)</u>	<u>Duration (hours)</u>	<u>VMT magnitude (mm)</u>
<i>Suva, Fiji</i>	1/15/2022	5:01:00	0.77	31
<i>Lautoka, Fiji</i>	1/15/2022	5:07:00	0.87	13
<i>Ouinne, New Caledonia</i>	1/15/2022	6:13:00	1.97	42
<i>Hienghene, New Caledonia</i>	1/15/2022	6:23:00	2.14	45
<i>Noumea, New Caledonia</i>	**	**	**	**
<i>Ouvea, New Caledonia</i>	**	**	**	**
<i>Thio, New Caledonia</i>	1/15/2022	6:03:00	1.80	29
<i>Fongafele, Tuvalu</i>	1/15/2022	5:41:00	1.44	48
<i>Port Vila, Vanuatu</i>	1/15/2022	5:57:00	1.70	50
<i>Luganville, Vanuatu</i>	1/15/2022	6:03:00	1.80	34
<i>Litzlitz, Vanuatu</i>	1/15/2022	6:00:00	1.75	53
<i>Honiara, Solomon Islands</i>	1/15/2022	7:05:00	2.84	29
<i>Tarekukure Wharf, Solomon Islands</i>	1/15/2022	7:17:00	3.04	27
<i>Lombrum/Manus, Papua New Guinea</i>	1/15/2022	8:33:00	4.30	23
<i>Pago Pago, American Samoa</i>	1/15/2022	5:06:00	0.85	84
<i>Apia, American Samoa</i>	1/15/2022	5:07:00	0.87	129
<i>Tarawa, Kiribati</i>	**	**	**	**
<i>Christmas, Kiribati</i>	1/15/2022	7:23:00	3.14	54
<i>Palmyra Island, USA</i>	1/15/2022	7:16:00	3.02	27
<i>Penrhyn, Cook Islands</i>	**	**	**	**
<i>Hilo, HI, USA</i>	1/15/2022	9:18:00	5.05	110
<i>Kawaihae, HI, USA</i>	1/15/2022	9:00:00	4.75	80
<i>Kahului, HI, USA</i>	1/15/2022	9:22:00	5.12	100
<i>Honolulu, HI, USA</i>	1/15/2022	9:01:00	4.77	60
<i>Barbers Point, HI, USA</i>	1/15/2022	9:15:00	5.00	130
<i>Mokuoloe, HI, USA</i>	**	**	**	**
<i>Nawiliwili, HI, USA</i>	1/15/2022	8:50:00	4.59	30
<i>French Frigate Shoals, HI, USA</i>	1/15/2022	9:06:00	4.85	40
<i>Johnston Island, USA</i>	1/15/2022	8:18:00	4.05	40
<i>Midway, Island, USA</i>	1/15/2022	9:13:00	4.97	50
<i>Rarotonga, Cook Islands</i>	1/15/2022	5:56:00	1.69	100
<i>Tubuai, Austral Islands</i>	1/15/2022	6:54:00	2.65	60
<i>Huahine Island, French Polynesia</i>	1/15/2022	6:48:00	2.55	55
<i>Papeete, Tahiti, French Polynesia</i>	1/15/2022	6:45:00	2.50	216

<i>Vairao, Tahiti, French Polynesia</i>	1/15/2022	6:54:00	2.65	35
<i>Makemo, Tuamotu, French Polynesia</i>	**	**	**	**
<i>Rikitea, French Polynesia</i>	1/15/2022	8:21:00	4.10	38
<i>Nuku Hiva, French Polynesia</i>	1/15/2022	8:23:00	4.14	129
<i>Hiva Oa, French Polynesia</i>	1/15/2022	8:22:00	4.12	91
<i>Easter Island, Chile</i>	**	**	**	**
<i>Juan Fernandez Island, Chile</i>	1/15/2022	13:28:00	9.22	40
<i>San Felix Island, Chile</i>	**	**	**	**
<i>Baltra, Galapagos Islands</i>	**	**	**	**
<i>Santa Cruz, Galapagos Islands</i>	1/15/2022	13:57:00	9.70	53
<i>Wake Island, USA</i>	1/15/2022	9:09:00	4.90	50
<i>Kwajalein Island, USA</i>	1/15/2022	8:31:00	4.27	50
<i>Chuuk, Micronesia</i>	1/15/2022	8:56:00	4.69	23
<i>Nauru</i>	1/15/2022	6:51:00	2.60	27
<i>Pohnpei, Micronesia</i>	**	**	**	**
<i>Saipan Island, USA</i>	1/15/2022	9:44:00	5.49	32
<i>Pago Bay, Guam, USA</i>	1/15/2022	9:13:00	4.97	80
<i>Apra Harbor, Guam, USA</i>	1/15/2022	9:26:00	5.19	30
<i>Chichijima Island, Japan</i>	1/15/2022	11:05:00	6.84	108
<i>Naha, Japan</i>	1/15/2022	12:14:00	7.99	78
<i>Ishigaki, Japan</i>	1/15/2022	11:40:00	7.42	35
<i>Nikol'skoe, Russia</i>	1/15/2022	12:16:00	8.02	19
<i>Vodopadnaya, Russia</i>	1/15/2022	12:19:00	8.07	144
<i>Preobrazheniye, Russia</i>	1/15/2022	12:31:00	8.27	79
<i>Rudnaya Pristan, Russia</i>	1/15/2022	12:25:00	8.17	133
<i>Abashiri, Japan</i>	1/15/2022	12:40:00	8.42	73
<i>Hanasaki, Japan</i>	1/15/2022	11:38:00	7.39	205
<i>Kushiro, Japan</i>	1/15/2022	11:52:00	7.62	143
<i>Hakodate, Japan</i>	1/15/2022	11:40:00	7.42	51
<i>Ofunato, Japan</i>	1/15/2022	11:48:00	7.55	165
<i>Mera, Japan</i>	1/15/2022	11:49:00	7.57	124
<i>Omaezaki, Japan</i>	1/15/2022	11:55:00	7.67	130
<i>Kushimoto, Japan</i>	1/15/2022	11:52:00	7.62	209
<i>Tosashimizu, Japan</i>	1/15/2022	11:59:00	7.74	111
<i>Aburatsu, Japan</i>	1/15/2022	11:35:00	7.34	127
<i>Nagasaki, Japan</i>	1/15/2022	12:20:00	8.09	92
<i>Shek Pik, Hong Kong SAR, China</i>	1/15/2022	13:05:00	8.84	24
<i>Quarry Bay, Hong Kong SAR, China</i>	1/15/2022	12:51:00	8.60	12
<i>Shenzhen, China</i>	1/15/2022	13:13:00	8.97	23
<i>Qinglan, China</i>	1/15/2022	13:32:00	9.29	21
<i>Davao, Philippines</i>	1/15/2022	10:29:00	6.24	69

<i>Esperance, Australia</i>	1/15/2022	10:53:00	6.07	89
<i>Portland, Australia</i>	1/15/2022	8:53:00	4.64	21
<i>Burnie, Australia</i>	**	**	**	**
<i>Spring Bay, Australia</i>	1/15/2022	8:26:00	3.74	48
<i>Port Kembla, Australia</i>	1/15/2022	7:51:00	3.60	91
<i>Twofold Bay, Australia</i>	1/15/2022	7:57:00	3.70	181
<i>Gold Coast, Australia</i>	1/15/2022	7:40:00	3.09	189
<i>Rosslyn Bay, Australia</i>	**	**	**	**
<i>Norfolk Island, Australia</i>	1/15/2022	6:15:00	2.00	102
<i>Lihou Reef, Australia</i>	**	**	**	**
<i>Torres Strait, Australia</i>	1/15/2022	8:45:00	4.50	6
<i>Cape Ferguson, Australia</i>	**	**	**	**
<i>Chatham Island, New Zealand</i>	1/15/2022	7:07:00	2.87	103
<i>North Cape, New Zealand</i>	1/15/2022	6:48:00	2.55	207
<i>Great Barrier Island, New Zealand</i>	1/15/2022	6:27:00	2.20	93
<i>Auckland, New Zealand</i>	1/15/2022	6:05:00	1.84	19
<i>Manakau, New Zealand</i>	1/15/2022	7:09:00	2.90	72
<i>Tauranga, New Zealand</i>	1/15/2022	6:42:00	2.45	51
<i>East Cape, New Zealand</i>	1/15/2022	6:09:00	1.90	80
<i>Gisborne, New Zealand</i>	1/15/2022	6:24:00	2.15	45
<i>Napier, New Zealand</i>	1/15/2022	6:57:00	2.90	90
<i>Castlepoint, New Zealand</i>	1/15/2022	6:45:00	2.50	36
<i>Wellington, New Zealand</i>	1/15/2022	6:49:00	2.57	41
<i>Kaikoura, New Zealand</i>	1/15/2022	7:19:00	3.07	47
<i>Christchurch, New Zealand</i>	1/15/2022	6:52:00	2.62	65
<i>Puysegur Welcome Bay, New Zealand</i>	1/15/2022	7:28:00	3.22	53
<i>Jackson Bay, New Zealand</i>	1/15/2022	7:01:00	2.77	61
<i>Dog Island, New Zealand</i>	1/15/2022	7:03:00	2.80	30
<i>Green Island, New Zealand</i>	1/15/2022	7:11:00	2.94	40
<i>Westgate Port Taranaki, New Zealand</i>	1/15/2022	7:12:00	2.29	67
<i>Timaru, New Zealand</i>	1/15/2022	7:12:00	2.95	35
<i>Moturiki, New Zealand</i>	1/15/2022	6:27:00	2.20	187
<i>Little Kaiteriteri, New Zealand</i>	1/15/2022	6:39:00	2.40	16
<i>Scott Base, Antarctica</i>	**	**	**	**
<i>Base Prat, Antarctica</i>	1/15/2022	12:57:00	8.70	12
<i>Vernadsky-Faraday, Antarctica</i>	**	**	**	**
<i>Base O'Higgins, Antarctica</i>	1/15/2022	12:55:00	8.67	13
<i>King Edward Point, Sandwich Islands</i>	1/15/2022	14:32:00	10.29	27
<i>Puerto Williams, Chile</i>	**	**	**	**
<i>Ushuaia, Chile</i>	**	**	**	**
<i>Puerto Eden, Chile</i>	**	**	**	**

<i>Puerto Melinka, Chile</i>	**	**	**	**
<i>Castro, Chile</i>	1/15/2022	13:15:00	9.00	25
<i>Ancud, Chile</i>	1/15/2022	12:54:00	8.65	53
<i>Bahia Mansa, Chile</i>	1/15/2022	13:25:00	9.17	76
<i>Corral, Chile</i>	1/15/2022	14:10:00	9.92	51
<i>Lebu, Chile</i>	1/15/2022	13:07:00	8.87	44
<i>Coronel, Chile</i>	1/15/2022	13:39:00	9.40	102
<i>Talcahuano, Chile</i>	1/15/2022	14:05:00	9.84	59
<i>Quiriquina, Chile</i>	1/15/2022	14:04:00	9.82	88
<i>Constitucion, Chile</i>	1/15/2022	13:21:00	9.10	66
<i>San Antonio, Chile</i>	1/15/2022	13:42:00	9.45	49
<i>Valparaiso, Chile</i>	1/15/2022	13:41:00	9.44	70
<i>Qunitero, Chile</i>	1/15/2022	13:32:00	9.29	80
<i>Pichidangui, Chile</i>	1/15/2022	13:50:00	9.59	62
<i>Coquimbo, Chile</i>	1/15/2022	13:27:00	9.20	84
<i>Huasco, Chile</i>	1/15/2022	13:37:00	9.37	54
<i>Caldera, Chile</i>	1/15/2022	13:58:00	9.72	111
<i>Chañaral, Chile</i>	1/15/2022	13:30:00	9.25	74
<i>Taltal, Chile</i>	1/15/2022	13:58:00	9.72	72
<i>Paposo, Chile</i>	1/15/2022	13:44:00	9.49	78
<i>Antofagasta, Chile</i>	1/15/2022	14:00:00	9.75	68
<i>Mejillones, Chile</i>	1/15/2022	14:30:00	10.25	153
<i>Tocopilla, Chile</i>	1/15/2022	14:07:00	9.87	77
<i>Patache, Chile</i>	1/15/2022	14:00:00	9.75	116
<i>Iquique, Chile</i>	1/15/2022	13:58:00	9.72	93
<i>Pisagua, Chile</i>	1/15/2022	14:04:00	9.82	84
<i>Arica, Chile</i>	1/15/2022	14:27:00	10.20	162
<i>Matarani, Peru</i>	1/15/2022	14:16:00	10.02	91
<i>Callao, Peru</i>	1/15/2022	15:02:00	10.79	127
<i>La Libertad, Ecuador</i>	1/15/2022	13:34:00	9.32	27
<i>Cocos Island, Costa Rica</i>	1/15/2022	14:24:00	10.15	59
<i>Quepos, Costa Rica</i>	1/15/2022	15:03:00	10.80	68
<i>La Libertad, El Salvador</i>	1/15/2022	13:56:00	9.69	76
<i>Acajutla, El Salvador</i>	1/15/2022	13:57:00	9.70	77
<i>Puerto Madero, Mexico</i>	1/15/2022	13:47:00	9.54	121
<i>Puerto Angel, Mexico</i>	**	**	**	**
<i>Huatulco, Mexico</i>	1/15/2022	12:38:00	8.39	52
<i>Acapulco, Mexico</i>	1/15/2022	12:35:00	8.34	61
<i>Lazaro Cardenas, Mexico</i>	1/15/2022	12:25:00	8.17	47
<i>Zihuatanejo, Mexico</i>	1/15/2022	12:47:00	8.54	86
<i>Puerto Vallarta, Mexico</i>	1/15/2022	12:08:00	7.89	36

<i>Mazatlan, Mexico</i>	1/15/2022	12:03:00	7.80	27
<i>La Paz, Mexico</i>	1/15/2022	13:56:00	9.69	38
<i>San Diego, CA, USA</i>	1/15/2022	11:53:00	7.64	20
<i>La Jolla, CA, USA</i>	**	**	**	**
<i>Los Angeles, CA, USA</i>	1/15/2022	13:25:00	9.17	90
<i>Santa Monica, CA, USA</i>	1/15/2022	12:21:00	8.10	100
<i>Santa Barbara, CA, USA</i>	1/15/2022	12:26:00	8.19	50
<i>Oil Platform Harvest, CA, USA</i>	**	**	**	**
<i>Port San Luis, CA, USA</i>	1/15/2022	11:49:00	7.57	90
<i>Monterey, CA, USA</i>	1/15/2022	11:44:00	7.49	90
<i>San Francisco, CA, USA</i>	1/15/2022	12:19:00	8.07	40
<i>Alameda, CA, USA</i>	1/15/2022	12:35:00	8.34	20
<i>Richmond, CA, USA</i>	1/15/2022	12:33:00	8.30	30
<i>Redwood City, CA, USA</i>	**	**	**	**
<i>Point Reyes, CA, USA</i>	1/15/2022	12:51:00	8.60	80
<i>Arena Cove, CA, USA</i>	1/15/2022	12:31:00	8.27	100
<i>North Spit, CA, USA</i>	1/15/2022	12:59:00	8.74	110
<i>Crescent City, CA, USA</i>	1/15/2022	13:27:00	9.20	130
<i>Port Orford, OR, USA</i>	1/15/2022	12:31:00	8.27	70
<i>Charleston, OR, USA</i>	1/15/2022	12:29:00	8.24	60
<i>South Beach, OR, USA</i>	1/15/2022	13:08:00	8.89	60
<i>Garibaldi, OR, USA</i>	1/15/2022	12:23:00	8.14	90
<i>Astoria, OR, USA</i>	**	**	**	**
<i>Toke Point, WA, USA</i>	1/15/2022	13:26:00	9.19	30
<i>Westport, WA, USA</i>	1/15/2022	13:25:00	9.17	50
<i>La Push, WA USA</i>	1/15/2022	13:45:00	9.50	130
<i>Neah Bay, WA, USA</i>	1/15/2022	12:50:00	8.59	40
<i>Port Angeles, WA, USA</i>	1/15/2022	13:28:00	9.22	40
<i>Port Townsend, WA, USA</i>	**	**	**	**
<i>Friday Harbor, WA, USA</i>	**	**	**	**
<i>Bamfield, BC, Canada</i>	**	**	**	**
<i>Victoria Harbour, BC, Canada</i>	1/15/2022	12:36:00	8.35	33
<i>Tofino, BC, Canada</i>	1/15/2022	12:50:00	8.95	52
<i>Port Alberni, BC, Canada</i>	1/15/2022	13:02:00	8.79	30
<i>Port Hardy, BC, Canada</i>	**	**	**	**
<i>Winter Harbour, BC, Canada</i>	1/15/2022	12:45:00	8.50	27
<i>Henslung Cove, BC, Canada</i>	1/15/2022	14:30:00	10.25	66
<i>Port Alexander, AK, USA</i>	1/15/2022	14:52:00	10.62	70
<i>Sitka, AK, USA</i>	1/15/2022	14:53:00	10.64	40
<i>Elfin Cove, AK, USA</i>	1/15/2022	14:38:00	10.39	70
<i>Juneau, AK, USA</i>	1/15/2022	14:19:00	10.07	20

<i>Skagway, AK, USA</i>	1/15/2022	14:36:00	10.35	40
<i>Yakutat, AK, USA</i>	1/15/2022	14:59:00	10.74	120
<i>Kodiak Island, AK, USA</i>	**	**	**	**
<i>Seward, AK, USA</i>	1/15/2022	13:31:00	9.27	30
<i>Altiak, AK, USA</i>	1/15/2022	13:18:00	9.05	30
<i>Sand Point, AK, USA</i>	1/15/2022	13:22:00	9.12	30
<i>King Cove, AK, USA</i>	1/15/2022	13:23:00	9.14	100
<i>Unalaska, AK, USA</i>	1/15/2022	12:10:00	7.92	30
<i>Nikolski, AK, USA</i>	1/15/2022	11:58:00	7.72	40
<i>Atka, AK, USA</i>	1/15/2022	11:36:00	7.35	20
<i>Adak, AK, USA</i>	1/15/2022	12:38:00	8.39	100
<i>St. Paul Island, AK, USA</i>	1/15/2022	12:53:00	8.64	60
<i>Kerguelen Island, France</i>	1/15/2022	13:07:00	8.87	15
<i>Rodrigues, Mauritius</i>	1/15/2022	15:45:00	11.50	43
<i>Pointe Des Galets, Reunion Island</i>	1/15/2022	15:40:00	11.42	24
<i>Toamasina, Madagascar</i>	1/15/2022	16:17:00	12.04	70
<i>Lamu, Kenya</i>	1/15/2022	18:14:00	13.99	22
<i>Mombasa, Kenya</i>	1/15/2022	18:12:00	13.95	10
<i>Dzaoudzi (Mayotte)</i>	1/15/2022	16:58:00	12.72	10
<i>Cochin, India</i>	1/15/2022	14:51:00	10.60	26
<i>Majis, Oman</i>	1/15/2022	17:44:00	13.49	67
<i>Salalah, Oman</i>	1/15/2022	19:01:00	14.77	84
<i>Colombo, Sri Lanka</i>	1/15/2022	15:17:00	11.04	52
<i>Trincomalee, Sri Lanka</i>	1/15/2022	14:27:00	10.20	48
<i>Visakhapatnam, India</i>	1/15/2022	15:03:00	10.80	52
<i>Dakar, Senegal</i>	1/15/2022	20:05:00	15.84	48
<i>Tema, Ghana</i>	1/15/2022	20:26:00	16.19	29
<i>Takoradi, Ghana</i>	1/15/2022	21:31:00	17.27	107
<i>Garachico, Spain</i>	1/15/2022	20:29:00	16.24	67
<i>Palmeira, Cabo Verde Islands</i>	1/15/2022	19:38:00	15.39	194
<i>Ponta Delgada, Azores Islands</i>	1/15/2022	22:04:00	17.82	58
<i>Concarneau, France</i>	1/15/2022	20:35:00	16.34	35
<i>Cascais, Portugal (IPMA-IGCAS)</i>	1/15/2022	20:52:00	16.62	82
<i>Cadiz, Spain</i>	1/15/2022	19:58:00	15.72	53
<i>Saidia Marina, Morocco</i>	1/15/2022	20:38:00	16.39	42
<i>Sete, France</i>	1/15/2022	22:10:00	17.92	41
<i>Fos-Sur-Mer, France</i>	1/15/2022	20:39:00	16.40	52
<i>Toulon, France</i>	1/15/2022	19:30:00	15.25	26
<i>La Figueirette, France</i>	1/15/2022	20:56:00	16.69	29
<i>Fontvieille Harbour, Monaco</i>	1/15/2022	20:06:00	15.85	8
<i>Centuri, Corsica</i>	1/15/2022	20:32:00	16.29	47

<i>Ajaccio, Corsica</i>	1/15/2022	20:32:00	16.29	25
<i>Solenzara, Corsica</i>	1/15/2022	21:36:00	17.35	12
<i>Ile Rousse, Corsica</i>	1/15/2022	20:27:00	16.20	29
<i>Carloforte, Sardinia</i>	1/15/2022	21:24:00	17.15	57
<i>Cagliari, Sardinia</i>	1/15/2022	20:30:00	16.25	48
<i>La Spezia, Italy</i>	1/15/2022	21:30:00	15.32	10
<i>Livorno, Italy</i>	1/15/2022	21:00:00	16.75	52
<i>Gaeta, Italy</i>	1/15/2022	20:43:00	16.47	14
<i>Napoli, Italy</i>	1/15/2022	21:54:00	17.65	35
<i>Salerno, Italy</i>	1/15/2022	21:37:00	17.37	59
<i>Palinuro, Italy</i>	1/15/2022	21:19:00	17.07	30
<i>Messina, Sicily</i>	1/15/2022	21:43:00	17.47	98
<i>Palermo, Sicily</i>	1/15/2022	20:52:00	16.62	60
<i>Sciacca, Sicily</i>	1/15/2022	22:17:00	18.04	64
<i>Porto Empedocle, Sicily</i>	1/15/2022	22:01:00	17.77	81
<i>Catania, Sicily</i>	1/15/2022	21:40:00	17.42	106
<i>Lampedusa, Italy</i>	1/15/2022	22:30:00	18.25	44
<i>Crotone, Italy</i>	1/15/2022	20:54:00	16.65	52
<i>Taranto, Italy</i>	1/15/2022	21:18:00	17.05	29
<i>Otranto, Italy</i>	1/15/2022	21:06:00	16.85	27
<i>Vieste, Italy</i>	**	**	**	**
<i>Ortona, Italy</i>	**	**	**	**
<i>S.Benedetto Del Tronto, Italy</i>	**	**	**	**
<i>Stari Grad, Croatia</i>	**	**	**	**
<i>Peiraias, Greece</i>	1/15/2022	22:01:00	17.77	24
<i>Syros, Greece</i>	1/15/2022	22:17:00	18.04	10
<i>Plimiri, Greece (NOA-02)</i>	1/15/2022	20:20:00	16.09	54
<i>Ierapetra, Crete (NOA-04)</i>	1/15/2022	21:03:00	16.80	53
<i>Itea, Greece (NOA-05)</i>	1/15/2022	21:09:00	16.90	34
<i>Aigio, Greece (NOA-06)</i>	1/15/2022	21:27:00	17.20	18
<i>Zakynthos, Greece (NOA-07)</i>	1/15/2022	21:48:00	17.55	33
<i>Kerykya, Greece (NOA-11)</i>	1/15/2022	22:52:00	18.62	60
<i>Bodrum, Turkey</i>	1/15/2022	20:45:00	16.50	32
<i>Marmaris, Turkey</i>	1/15/2022	20:32:00	16.29	27
<i>Antalya, Turkey</i>	1/15/2022	19:59:00	15.74	10
<i>Tasucu, Turkey</i>	1/15/2022	19:39:00	15.40	20
<i>Marmara Ereglisi, Turkey</i>	**	**	**	**
<i>Istanbul, Turkey</i>	1/15/2022	20:52:00	16.62	39
<i>Igneada, Turkey</i>	1/15/2022	21:36:00	17.35	42
<i>Imbituba, Brazil</i>	1/15/2022	14:41:00	10.44	60
<i>Vieux Fort, St Lucia</i>	1/15/2022	16:10:00	11.92	133

<i>Dennery, St Lucia</i>	1/15/2022	16:31:00	12.27	52
<i>Calliaqua, St Vincent and Grenadines</i>	1/15/2022	16:00:00	11.75	25
<i>Fort-de-France, Martinique</i>	1/15/2022	16:04:00	11.82	33
<i>Deshaiies, Guadeloupe</i>	1/15/2022	16:21:00	12.10	47
<i>Portsmouth, Dominica</i>	1/15/2022	15:51:00	11.60	25
<i>Blowing Point, Anguilla</i>	1/15/2022	16:24:00	12.15	79
<i>Baharona, Dominican Republic</i>	1/15/2022	15:17:00	11.04	35
<i>Puerto Plata, Dominican Republic</i>	1/15/2022	15:34:00	11.32	45
<i>Punta Cana, Dominican Republic</i>	1/15/2022	15:43:00	11.47	79
<i>Charlotte Amelie, US Virgin Islands</i>	1/15/2022	16:05:00	11.84	91
<i>Lime Tree Bay, US Virgin Islands</i>	1/15/2022	15:54:00	11.65	36
<i>Mayaguez, Puerto Rico</i>	1/15/2022	15:39:00	11.40	72
<i>Vieques, Puerto Rico</i>	1/15/2022	15:56:00	11.69	54
<i>Salinas, Puerto Rico</i>	1/15/2022	16:00:00	11.75	29
<i>Mona Island, Puerto Rico</i>	1/15/2022	15:28:00	11.22	36
<i>Tuxpan, Mexico</i>	1/15/2022	13:45:00	8.70	12
<i>Bermuda Biological Station</i>	**	**	**	**
<i>St Johns, Canada</i>	1/15/2022	18:17:00	14.04	191
<i>Port Fourchon, LA, USA</i>	1/15/2022	14:43:00	10.47	50
<i>Grand Isle, LA, USA</i>	1/15/2022	15:08:00	10.77	30
<i>Wrightsville Beach, NC, USA</i>	**	**	**	**
<i>Beaufort, NC, USA</i>	**	**	**	**
<i>Ocean City Inlet, MD, USA</i>	**	**	**	**
<i>Lewes, DE, USA</i>	**	**	**	**
<i>Cape May, NJ, USA</i>	**	**	**	**
<i>Atlantic City, NJ, USA</i>	**	**	**	**
<i>Woods Hole, MA, USA</i>	**	**	**	**
<i>Nantucket, MA, USA</i>	**	**	**	**
<i>Buoy #21420</i>	1/15/2022	11:13:00	6.97	30
<i>Buoy #51407</i>	1/15/2022	8:48:00	4.55	30

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228 **Table S6** Minimum water level parameters. The minimum level reached after the tsunami is
 229 given (mm), along with the day and time of minimum water level, time between eruption and
 230 minimum level (hours), and time difference between VMT arrival and minimum water level
 231 (hours). A mean offset is removed from all results. Values of ** in the final column indicate that
 232 the VMT arrival times were not determined.

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<u>Station</u>	<u>Min WL (mm)</u>	<u>Min height day</u>	<u>Min height time (UTC)</u>	<u>Time after eruption (hours)</u>	<u>Time difference between min WL and VMT arrival (hours)</u>
<i>Suva, Fiji</i>	-221	1/15/2022	6:33:00	2.30	1.53
<i>Lautoka, Fiji</i>	-197	1/15/2022	10:13:00	5.97	5.10
<i>Ouinne, New Caledonia</i>	-1449	1/15/2022	8:26:00	4.19	2.22
<i>Hienghene, New Caledonia</i>	-415	1/15/2022	10:11:00	5.94	3.80
<i>Noumea, New Caledonia</i>	-61	1/15/2022	9:03:00	4.80	**
<i>Ouvea, New Caledonia</i>	-358	1/15/2022	8:59:00	4.74	**
<i>Thio, New Caledonia</i>	-628	1/15/2022	9:22:00	5.12	3.32
<i>Fongafele, Tuvalu</i>	-96	1/15/2022	7:35:00	3.34	1.90
<i>Port Vila, Vanuatu</i>	-732	1/15/2022	9:02:00	4.79	3.09
<i>Luganville, Vanuatu</i>	-498	1/15/2022	9:15:00	5.00	3.20
<i>Litzlitz, Vanuatu</i>	-444	1/15/2022	9:00:00	4.75	3.00
<i>Honiara, Solomon Islands</i>	-121	1/15/2022	12:24:00	8.15	5.32
<i>Tarekukure Wharf, Solomon Islands</i>	-193	1/15/2022	14:30:00	10.25	7.22
<i>Lombrum/Manus, Papua New Guinea</i>	-189	1/15/2022	13:44:00	9.49	5.18
<i>Pago Pago, American Samoa</i>	-662	1/15/2022	5:31:00	1.27	0.42
<i>Apia, American Samoa</i>	-302	1/15/2022	7:39:00	3.40	2.53
<i>Tarawa, Kiribati</i>	-64	1/15/2022	9:53:00	5.64	**
<i>Christmas, Kiribati</i>	-99	1/15/2022	9:44:00	5.49	2.35
<i>Palmyra Island, USA</i>	-41	1/15/2022	9:54:00	5.65	2.63
<i>Penrhyn, Cook Islands</i>	-74	1/15/2022	8:42:00	4.45	**
<i>Hilo, HI, USA</i>	-400	1/15/2022	13:12:00	8.95	3.90
<i>Kawaihae, HI, USA</i>	-410	1/15/2022	11:57:00	7.70	2.95
<i>Kahului, HI, USA</i>	-739	1/15/2022	12:28:00	8.22	3.10
<i>Honolulu, HI, USA</i>	-310	1/15/2022	12:27:00	8.20	3.43
<i>Barbers Point, HI, USA</i>	-220	1/15/2022	11:41:00	7.44	2.44
<i>Mokuoloe, HI, USA</i>	-60	1/15/2022	12:20:00	8.09	**
<i>Nawiliwili, HI, USA</i>	-410	1/15/2022	12:09:00	7.90	3.32
<i>French Frigate Shoals, HI, USA</i>	-150	1/15/2022	13:17:00	9.04	4.19
<i>Johnston Island, USA</i>	-90	1/15/2022	9:24:00	5.15	1.10
<i>Midway, Island, USA</i>	-180	1/15/2022	11:33:00	7.30	2.33
<i>Rarotonga, Cook Islands</i>	-701	1/15/2022	7:38:00	3.39	1.70
<i>Tubuai, Austral Islands</i>	-187	1/15/2022	7:58:00	3.72	1.07

<i>Huahine Island, French Polynesia</i>	-428	1/15/2022	8:13:00	3.97	1.42
<i>Papeete, Tahiti, French Polynesia</i>	216	1/15/2022	8:09:00	3.90	1.40
<i>Vairao, Tahiti, French Polynesia</i>	-289	1/15/2022	8:12:00	3.95	1.30
<i>Makemo, Tuamotu, French Polynesia</i>	-22	1/15/2022	10:34:00	6.32	**
<i>Rikitea, French Polynesia</i>	-132	1/15/2022	10:42:00	6.45	2.35
<i>Nuku Hiva, French Polynesia</i>	-683	1/15/2022	10:55:00	6.67	2.53
<i>Hiva Oa, French Polynesia</i>	-380	1/15/2022	10:10:00	5.92	1.80
<i>Easter Island, Chile</i>	-562	1/15/2022	17:14:17	12.99	**
<i>Juan Fernandez Island, Chile</i>	-365	1/15/2022	21:52:00	17.62	8.40
<i>San Felix Island, Chile</i>	-295	1/15/2022	21:27:00	17.20	**
<i>Baltra, Galapagos Islands</i>	-471	1/15/2022	20:48:00	16.55	**
<i>Santa Cruz, Galapagos Islands</i>	-896	1/15/2022	20:19:00	16.07	6.37
<i>Wake Island, USA</i>	-110	1/15/2022	10:41:00	6.44	1.54
<i>Kwajalein Island, USA</i>	-110	1/15/2022	9:57:00	5.70	1.43
<i>Chuuk, Micronesia</i>	-69	1/15/2022	14:32:00	10.29	5.60
<i>Nauru</i>	-182	1/15/2022	11:18:00	7.05	4.45
<i>Pohnpei, Micronesia</i>	-45	1/15/2022	12:05:00	7.84	**
<i>Saipan Island, USA</i>	-119	1/15/2022	13:02:00	8.79	3.30
<i>Pago Bay, Guam, USA</i>	-60	1/15/2022	18:09:00	13.90	8.93
<i>Apra Harbor, Guam, USA</i>	-90	1/15/2022	19:29:00	15.24	10.05
<i>Chichijima Island, Japan</i>	-630	1/15/2022	13:45:00	9.50	2.66
<i>Naha, Japan</i>	-191	1/15/2022	14:44:00	10.49	2.50
<i>Ishigaki, Japan</i>	-133	1/15/2022	15:38:00	11.39	3.97
<i>Nicol'skoe, Russia</i>	-94	1/15/2022	18:44:00	14.49	6.47
<i>Vodopadnaya, Russia</i>	-649	1/15/2022	16:51:00	12.60	4.53
<i>Preobrazheniye, Russia</i>	-145	1/15/2022	13:52:00	9.62	1.35
<i>Rudnaya Pristan, Russia</i>	-205	1/15/2022	19:02:00	14.79	6.62
<i>Abashiri, Japan</i>	-136	1/15/2022	17:03:00	12.80	4.38
<i>Hanasaki, Japan</i>	-429	1/15/2022	15:08:00	10.89	3.50
<i>Kushiro, Japan</i>	-441	1/15/2022	15:46:00	11.52	3.90
<i>Hakodate, Japan</i>	-220	1/15/2022	16:21:00	12.10	4.68
<i>Ofunato, Japan</i>	-310	1/15/2022	15:07:00	10.87	3.32
<i>Mera, Japan</i>	-362	1/15/2022	15:20:00	11.09	3.52
<i>Omaezaki, Japan</i>	-743	1/15/2022	15:27:00	11.20	3.53
<i>Kushimoto, Japan</i>	-996	1/15/2022	16:30:00	12.25	4.63
<i>Tosashimizu, Japan</i>	-875	1/15/2022	15:38:00	11.39	3.65
<i>Aburatsu, Japan</i>	-680	1/15/2022	16:43:00	12.47	5.13
<i>Nagasaki, Japan</i>	-277	1/15/2022	19:03:00	14.80	6.71
<i>Shek Pik, Hong Kong SAR, China</i>	-109	1/15/2022	15:27:00	11.20	2.36
<i>Quarry Bay, Hong Kong SAR, China</i>	-54	1/15/2022	19:37:00	15.37	6.77
<i>Shenzhen, China</i>	-91	1/15/2022	18:56:00	14.69	5.72

<i>Qinglan, China</i>	-35	1/15/2022	21:57:00	17.70	8.41
<i>Davao, Philippines</i>	-247	1/15/2022	13:28:00	9.22	2.98
<i>Esperance, Australia</i>	-100	1/15/2022	12:27:00	8.20	2.13
<i>Portland, Australia</i>	-86	1/15/2022	16:24:00	12.15	7.51
<i>Burnie, Australia</i>	-189	1/15/2022	15:37:00	11.37	**
<i>Spring Bay, Australia</i>	-371	1/15/2022	10:41:00	6.44	2.70
<i>Port Kembla, Australia</i>	-435	1/15/2022	15:33:00	11.30	7.70
<i>Two Fold Bay, Australia</i>	-613	1/15/2022	12:05:00	7.84	4.13
<i>Gold Coast, Australia</i>	-555	1/15/2022	11:30:00	7.25	4.17
<i>Rossllyn Bay, Australia</i>	-258	1/15/2022	16:19:00	12.07	**
<i>Norfolk Island, Australia</i>	-1264	1/15/2022	9:01:00	4.77	2.77
<i>Lihou Reef, Australia</i>	-82	1/15/2022	11:09:00	6.90	**
<i>Torres Strait, Australia</i>	-52	1/15/2022	16:36:00	12.35	7.85
<i>Cape Ferguson, Australia</i>	-56	1/15/2022	14:24:00	10.15	**
<i>Chatham Island, New Zealand</i>	-534	1/15/2022	10:55:00	6.67	3.80
<i>North Cape, New Zealand</i>	-737	1/15/2022	9:18:00	5.05	2.50
<i>Great Barrier Island, New Zealand</i>	-1112	1/15/2022	9:30:00	5.25	3.05
<i>Auckland, New Zealand</i>	-199	1/15/2022	12:28:00	8.22	6.38
<i>Manakau, New Zealand</i>	-190	1/15/2022	19:22:00	15.12	12.22
<i>Tauranga, New Zealand</i>	-355	1/15/2022	9:51:00	5.60	3.15
<i>East Cape, New Zealand</i>	-650	1/15/2022	9:25:00	5.17	3.27
<i>Gisborne, New Zealand</i>	-691	1/15/2022	12:27:00	8.20	6.05
<i>Napier, New Zealand</i>	-360	1/15/2022	10:57:00	6.70	3.80
<i>Castlepoint, New Zealand</i>	-221	1/15/2022	13:41:00	9.44	6.94
<i>Wellington, New Zealand</i>	-319	1/15/2022	22:27:00	18.20	15.63
<i>Kaikoura, New Zealand</i>	-251	1/15/2022	14:13:00	9.97	6.90
<i>Christchurch, New Zealand</i>	-432	1/15/2022	14:18:00	10.05	7.43
<i>Puysegur Welcome Bay, New Zealand</i>	-186	1/15/2022	12:48:00	8.55	5.33
<i>Jackson Bay, New Zealand</i>	-786	1/15/2022	12:34:00	8.32	5.55
<i>Dog Island, New Zealand</i>	-195	1/15/2022	16:01:00	11.77	8.97
<i>Green Island, New Zealand</i>	-281	1/15/2022	14:03:00	9.80	6.86
<i>Westgate Port Taranaki, New Zealand</i>	-515	1/15/2022	14:41:00	10.44	8.15
<i>Timaru, New Zealand</i>	-460	1/15/2022	16:56:00	12.69	9.74
<i>Moturiki, New Zealand</i>	-733	1/15/2022	11:31:00	7.27	5.07
<i>Little Kaiteriteri, New Zealand</i>	-282	1/15/2022	19:53:00	15.64	13.24
<i>Scott Base, Antarctica</i>	-70	1/16/2022	3:45:00	23.50	**
<i>Base Prat, Antarctica</i>	-261	1/15/2022	18:53:00	14.64	5.94
<i>Vernadsky-Faraday, Antarctica</i>	-357	1/15/2022	17:40:00	13.42	**
<i>Base O'Higgins, Antarctica</i>	-83	1/15/2022	20:25:00	16.17	7.50
<i>King Edward Point, Sandwich Islands</i>	-179	1/15/2022	21:00:00	16.75	6.46
<i>Puerto Williams, Chile</i>	-86	1/15/2022	19:15:00	15.00	**

<i>Ushuaia, Chile</i>	-128	1/15/2022	21:17:00	17.04	**
<i>Puerto Eden, Chile</i>	-101	1/15/2022	20:08:00	15.89	**
<i>Puerto Melinka, Chile</i>	-123	1/15/2022	18:47:00	14.54	**
<i>Castro, Chile</i>	-214	1/15/2022	20:41:00	16.44	7.44
<i>Ancud, Chile</i>	-269	1/15/2022	19:09:00	14.90	6.25
<i>Bahia Mansa, Chile</i>	-684	1/15/2022	18:33:00	14.30	5.13
<i>Corral, Chile</i>	-1002	1/15/2022	19:08:00	14.89	4.97
<i>Lebu, Chile</i>	-647	1/15/2022	19:39:00	15.40	6.53
<i>Coronel, Chile</i>	-268	1/15/2022	18:40:00	14.42	5.02
<i>Talcahuano, Chile</i>	-974	1/16/2022	2:05:00	21.84	12.00
<i>Quiriquina, Chile</i>	-608	1/16/2022	23:25:00	43.17	33.35
<i>Constitucion, Chile</i>	-400	1/15/2022	21:29:00	17.24	8.14
<i>San Antonio, Chile</i>	-459	1/15/2022	19:27:00	15.20	5.75
<i>Valparaiso, Chile</i>	-712	1/15/2022	19:31:00	15.27	5.83
<i>Qunitero, Chile</i>	-456	1/15/2022	18:46:00	14.52	5.23
<i>Pichidangui, Chile</i>	-682	1/15/2022	20:12:17	15.96	6.37
<i>Coquimbo, Chile</i>	-910	1/15/2022	20:18:00	16.05	6.85
<i>Huasco, Chile</i>	-334	1/15/2022	20:08:00	15.89	6.52
<i>Caldera, Chile</i>	-729	1/15/2022	20:10:00	15.92	6.20
<i>Chañaral, Chile</i>	-1908	1/15/2022	22:15:00	18.00	8.75
<i>Tatal, Chile</i>	-494	1/15/2022	20:11:00	15.94	6.22
<i>Paposo, Chile</i>	-544	1/15/2022	20:09:00	15.90	6.42
<i>Antofagasta, Chile</i>	-605	1/15/2022	20:37:00	16.37	6.62
<i>Mejillones, Chile</i>	-775	1/15/2022	22:28:00	18.22	7.97
<i>Tocopilla, Chile</i>	-538	1/15/2022	10:15:00	16.00	6.13
<i>Patache, Chile</i>	-741	1/15/2022	21:30:00	17.25	7.50
<i>Iquique, Chile</i>	-780	1/15/2022	22:01:00	17.77	8.05
<i>Pisagua, Chile</i>	-457	1/16/2022	0:37:00	20.37	10.55
<i>Arica, Chile</i>	-1058	1/15/2022	22:35:00	18.34	8.13
<i>Matarani, Peru</i>	-476	1/15/2022	20:36:00	16.35	6.33
<i>Callao, Peru</i>	-867	1/15/2022	20:52:00	16.62	5.83
<i>La Libertad, Ecuador</i>	-242	1/15/2022	21:02:00	16.79	7.47
<i>Cocos Island, Costa Rica</i>	-188	1/15/2022	20:41:00	16.44	6.29
<i>Quepos, Costa Rica</i>	-303	1/15/2022	20:47:00	16.54	5.74
<i>La Libertad, El Salvador</i>	-234	1/15/2022	22:48:00	18.55	8.86
<i>Acajutla, El Salvador</i>	-102	1/15/2022	19:20:00	15.09	5.39
<i>Puerto Madero, Mexico</i>	-365	1/15/2022	19:53:00	15.64	6.10
<i>Puerto Angel, Mexico</i>	-359	1/15/2022	20:52:00	16.62	**
<i>Huatulco, Mexico</i>	-573	1/15/2022	21:14:00	16.99	8.60
<i>Acapulco, Mexico</i>	-496	1/15/2022	21:17:00	17.04	8.70
<i>Lazaro Cardenas, Mexico</i>	-248	1/15/2022	17:58:00	13.72	5.55

<i>Zihuatanejo, Mexico</i>	-680	1/15/2022	18:30:00	14.25	5.71
<i>Puerto Vallarta, Mexico</i>	-347	1/15/2022	17:22:00	13.12	5.23
<i>Mazatlan, Mexico</i>	-189	1/15/2022	16:50:00	12.59	4.79
<i>La Paz, Mexico</i>	-120	1/15/2022	20:53:00	16.64	6.95
<i>San Diego, CA, USA</i>	-379	1/15/2022	17:59:00	13.74	6.10
<i>La Jolla, CA, USA</i>	-280	1/15/2022	18:07:00	13.87	**
<i>Los Angeles, CA, USA</i>	-520	1/15/2022	18:14:00	13.99	4.82
<i>Santa Monica, CA, USA</i>	-610	1/15/2022	20:07:00	15.87	7.77
<i>Santa Barbara, CA, USA</i>	-771	1/15/2022	20:26:00	16.19	8.00
<i>Oil Platform Harvest, CA, USA</i>	-110	1/15/2022	16:42:00	12.45	**
<i>Port San Luis, CA, USA</i>	-1280	1/15/2022	17:29:00	13.24	5.67
<i>Monterey, CA, USA</i>	-709	1/15/2022	17:16:00	13.02	5.53
<i>San Francisco, CA, USA</i>	-330	1/15/2022	17:20:00	13.09	5.02
<i>Alameda, CA, USA</i>	-290	1/15/2022	17:39:00	13.40	5.07
<i>Richmond, CA, USA</i>	-220	1/15/2022	17:35:00	13.34	5.04
<i>Redwood City, CA, USA</i>	-90	1/15/2022	19:12:00	14.95	**
<i>Point Reyes, CA, USA</i>	-1019	1/15/2022	17:57:00	13.70	5.10
<i>Arena Cove, CA, USA</i>	-1020	1/15/2022	17:39:00	13.40	5.13
<i>North Spit, CA, USA</i>	-250	1/15/2022	16:49:00	12.57	3.83
<i>Crescent City, CA, USA</i>	-891	1/15/2022	18:18:00	14.05	4.85
<i>Port Orford, OR, USA</i>	-380	1/15/2022	16:59:00	12.74	4.47
<i>Charleston, OR, USA</i>	-210	1/15/2022	21:35:00	17.34	9.10
<i>South Beach, OR, USA</i>	-160	1/15/2022	18:04:00	13.82	4.93
<i>Garibaldi, OR, USA</i>	-90	1/15/2022	19:51:00	15.60	7.46
<i>Astoria, OR, USA</i>	-80	1/15/2022	19:58:00	15.72	**
<i>Toke Point, WA, USA</i>	-100	1/15/2022	19:01:00	14.77	5.58
<i>Westport, WA, USA</i>	-120	1/15/2022	18:16:00	14.02	4.85
<i>La Push, WA USA</i>	-200	1/15/2022	17:52:00	13.62	4.12
<i>Neah Bay, WA, USA</i>	-130	1/15/2022	19:16:00	15.02	6.43
<i>Port Angeles, WA, USA</i>	-100	1/15/2022	18:50:00	14.59	5.37
<i>Port Townsend, WA, USA</i>	-110	1/15/2022	20:27:00	16.20	**
<i>Friday Harbor, WA, USA</i>	-70	1/15/2022	20:28:00	16.22	**
<i>Bamfield, BC, Canada</i>	-258	1/15/2022	18:40:00	14.42	**
<i>Victoria Harbour, BC, Canada</i>	-141	1/15/2022	19:58:00	15.72	7.37
<i>Tofino, BC, Canada</i>	-260	1/15/2022	20:20:00	16.09	7.13
<i>Port Alberni, BC, Canada</i>	-245	1/15/2022	19:16:00	15.02	6.23
<i>Port Hardy, BC, Canada</i>	-75	1/15/2022	19:01:00	14.77	**
<i>Winter Harbour, BC, Canada</i>	-300	1/15/2022	17:44:00	13.49	4.99
<i>Henslung Cove, BC, Canada</i>	-153	1/15/2022	17:32:00	13.29	3.04
<i>Port Alexander, AK, USA</i>	-270	1/15/2022	18:39:00	14.40	3.78
<i>Sitka, AK, USA</i>	-220	1/15/2022	18:20:00	14.09	3.45

<i>Elfin Cove, AK, USA</i>	-130	1/15/2022	18:15:00	14.00	3.62
<i>Juneau, AK, USA</i>	-80	1/15/2022	20:08:00	15.89	5.82
<i>Skagway, AK, USA</i>	-110	1/15/2022	20:06:00	15.85	5.50
<i>Yakutat, AK, USA</i>	-290	1/15/2022	20:42:00	16.45	5.71
<i>Kodiak Island, AK, USA</i>	-248	1/15/2022	23:01:00	18.77	**
<i>Seward, AK, USA</i>	-94	1/15/2022	20:30:00	16.25	6.98
<i>Altiak, AK, USA</i>	-140	1/15/2022	18:39:00	14.40	5.35
<i>Sand Point, AK, USA</i>	-340	1/15/2022	17:42:00	13.45	4.33
<i>King Cove, AK, USA</i>	-950	1/15/2022	16:32:00	12.29	3.15
<i>Unalaska, AK, USA</i>	-180	1/15/2022	16:50:00	12.59	4.67
<i>Nikolski, AK, USA</i>	-390	1/15/2022	15:28:00	11.22	3.50
<i>Atka, AK, USA</i>	-300	1/15/2022	17:22:00	13.12	5.77
<i>Adak, AK, USA</i>	-492	1/15/2022	16:12:00	11.95	3.57
<i>St. Paul Island, AK, USA</i>	-160	1/15/2022	17:06:00	12.85	4.22
<i>Kerguelen Island, France</i>	-65	1/15/2022	18:20:00	14.09	5.22
<i>Rodrigues, Mauritius</i>	-201	1/15/2022	18:18:00	14.05	2.55
<i>Pointe Des Galets, Reunion Island</i>	-68	1/15/2022	19:56:00	15.69	4.27
<i>Toamasina, Madagascar</i>	-117	1/15/2022	23:21:00	19.10	7.06
<i>Lamu, Kenya</i>	-44	1/16/2022	6:32:00	26.29	12.30
<i>Mombasa, Kenya</i>	-23	1/16/2022	0:44:00	20.49	6.54
<i>Dzaoudzi (Mayotte)</i>	-28	1/15/2022	23:50:00	19.59	6.87
<i>Cochin, India</i>	-70	1/16/2022	0:14:00	19.99	9.39
<i>Majis, Oman</i>	-163	1/16/2022	4:48:00	24.55	11.06
<i>Salalah, Oman</i>	-186	1/15/2022	23:36:00	19.35	4.58
<i>Colombo, Sri Lanka</i>	-114	1/15/2022	17:27:00	13.20	2.16
<i>Trincomalee, Sri Lanka</i>	-37	1/16/2022	3:05:00	22.84	12.64
<i>Visakhapatnam, India</i>	-100	1/16/2022	2:47:00	22.54	11.74
<i>Dakar, Senegal</i>	-121	1/15/2022	21:09:00	16.90	1.06
<i>Tema, Ghana</i>	-161	1/16/2022	1:32:00	21.29	5.10
<i>Takoradi, Ghana</i>	-499	1/16/2022	1:19:00	21.07	3.80
<i>Garachico, Spain</i>	-153	1/16/2022	1:39:00	21.40	5.16
<i>Palmeira, Cabo Verde Islands</i>	-168	1/16/2022	3:36:00	23.35	7.96
<i>Ponta Delgada, Azores Islands</i>	-619	1/16/2022	7:47:00	27.54	9.72
<i>Concarneau, France</i>	-116	1/16/2022	2:54:00	22.65	6.31
<i>Cascais, Portugal (IPMA-IGCAS)</i>	-173	1/16/2022	1:32:00	21.29	4.67
<i>Cadiz, Spain</i>	-114	1/16/2022	3:13:00	22.97	7.25
<i>Saidia Marina, Morocco</i>	-138	1/16/2022	1:28:00	21.22	4.83
<i>Sete, France</i>	-60	1/15/2022	22:48:00	18.55	0.63
<i>Fos-Sur-Mer, France</i>	-64	1/15/2022	23:06:00	18.85	2.45
<i>Toulon, France</i>	-47	1/15/2022	23:51:00	19.60	4.35
<i>La Figuiette, France</i>	-28	1/15/2022	23:58:00	19.72	3.03

<i>Fontvieille Harbour, Monaco</i>	-16	1/15/2022	23:58:00	19.72	3.87
<i>Centuri, Corsica</i>	-43	1/16/2022	0:33:00	20.30	4.01
<i>Ajaccio, Corsica</i>	-25	1/16/2022	9:38:00	29.39	13.10
<i>Solenzara, Corsica</i>	-45	1/16/2022	2:48:00	22.55	5.20
<i>Ile Rousse, Corsica</i>	-36	1/16/2022	1:45:00	21.50	5.30
<i>Carloforte, Sardinia</i>	-82	1/16/2022	2:12:00	21.95	4.80
<i>Cagliari, Sardinia</i>	-131	1/16/2022	1:20:00	21.09	4.84
<i>La Spezia, Italy</i>	-43	1/16/2022	2:17:00	22.04	6.72
<i>Livorno, Italy</i>	-72	1/16/2022	1:35:00	21.34	4.59
<i>Gaeta, Italy</i>	-48	1/16/2022	3:32:00	23.29	6.82
<i>Napoli, Italy</i>	-80	1/16/2022	1:00:00	20.75	3.10
<i>Salerno, Italy</i>	-117	1/16/2022	1:28:00	21.22	3.85
<i>Palinuro, Italy</i>	-46	1/16/2022	0:49:00	20.57	3.50
<i>Messina, Sicily</i>	-74	1/16/2022	4:15:00	24.00	6.53
<i>Palermo, Sicily</i>	-76	1/15/2022	21:09:00	16.90	0.28
<i>Sciaccia, Sicily</i>	-67	1/15/2022	23:19:00	19.07	1.03
<i>Porto Empedocle, Sicily</i>	-114	1/16/2022	1:18:00	21.05	3.28
<i>Catania, Sicily</i>	-163	1/16/2022	6:10:00	25.92	8.50
<i>Lampedusa, Italy</i>	-80	1/16/2022	5:49:00	25.57	7.32
<i>Crotone, Italy</i>	-235	1/16/2022	6:25:00	26.17	9.52
<i>Taranto, Italy</i>	-56	1/16/2022	6:10:00	25.92	8.87
<i>Otranto, Italy</i>	-133	1/16/2022	1:41:00	21.44	4.59
<i>Vieste, Italy</i>	-94	1/17/2022	10:14:00	53.99	**
<i>Ortona, Italy</i>	-116	1/17/2022	14:11:00	57.94	**
<i>S.Benedetto Del Tronto, Italy</i>	-90	1/17/2022	10:39:00	54.40	**
<i>Stari Grad, Croatia</i>	-93	1/17/2022	13:04:00	56.82	**
<i>Peiraias, Greece</i>	-36	1/16/2022	1:31:00	21.27	3.50
<i>Syros, Greece</i>	-17	1/16/2022	1:34:00	21.32	3.28
<i>Plimiri, Greece (NOA-02)</i>	-114	1/16/2022	0:54:00	20.65	4.56
<i>Ierapetra, Crete (NOA-04)</i>	-70	1/16/2022	0:17:00	20.04	3.24
<i>Itea, Greece (NOA-05)</i>	-80	1/16/2022	2:47:00	22.54	5.64
<i>Aigio, Greece (NOA-06)</i>	-41	1/16/2022	2:34:00	22.32	5.12
<i>Zakynthos, Greece (NOA-07)</i>	-75	1/16/2022	0:35:00	20.34	2.79
<i>Kerykya, Greece (NOA-11)</i>	-58	1/16/2022	0:40:00	20.42	1.80
<i>Bodrum, Turkey</i>	-89	1/16/2022	2:17:00	22.04	5.54
<i>Marmaris, Turkey</i>	-127	1/15/2022	23:51:00	19.60	3.31
<i>Antalya, Turkey</i>	-29	1/16/2022	1:35:00	21.34	5.60
<i>Tasucu, Turkey</i>	-60	1/15/2022	23:13:00	18.97	3.57
<i>Marmara Ereglisi, Turkey</i>	-46	1/16/2022	1:58:00	21.72	**
<i>Istanbul, Turkey</i>	-70	1/16/2022	3:12:00	22.95	6.33
<i>Igneada, Turkey</i>	-66	1/16/2022	3:47:00	23.54	6.19

<i>Imbituba, Brazil</i>	-207	1/16/2022	7:26:00	27.19	16.75
<i>Vieux Fort, St Lucia</i>	-69	1/15/2022	17:19:00	13.07	1.15
<i>Demery, St Lucia</i>	-52	1/16/2022	7:22:00	27.12	14.85
<i>Calliaqua, St Vincent and Grenadines</i>	-58	1/15/2022	17:08:00	12.89	1.14
<i>Fort-de-France, Martinique</i>	-96	1/15/2022	17:32:00	13.29	1.47
<i>Deshaies, Guadeloupe</i>	-75	1/15/2022	17:41:00	13.44	1.34
<i>Portsmouth, Dominica</i>	-57	1/15/2022	16:13:00	11.97	0.37
<i>Blowing Point, Anguilla</i>	-129	1/16/2022	6:15:00	26.00	13.85
<i>Baharona, Dominican Republic</i>	-32	1/15/2022	16:48:00	12.55	1.51
<i>Puerto Plata, Dominican Republic</i>	-109	1/16/2022	5:43:00	25.47	14.15
<i>Punta Cana, Dominican Republic</i>	-148	1/16/2022	6:16:00	26.02	14.55
<i>Charlotte Amelie, US Virgin Islands</i>	-82	1/15/2022	16:53:00	12.64	0.80
<i>Lime Tree Bay, US Virgin Islands</i>	-39	1/15/2022	16:21:00	12.10	0.45
<i>Mayaguez, Puerto Rico</i>	-87	1/16/2022	8:26:00	28.19	16.79
<i>Vieques, Puerto Rico</i>	-40	1/15/2022	23:31:00	19.27	7.58
<i>Salinas, Puerto Rico</i>	-45	1/15/2022	18:26:00	14.19	2.44
<i>Mona Island, Puerto Rico</i>	-167	1/16/2022	6:18:00	26.05	14.83
<i>Tuxpan, Mexico</i>	-46	1/15/2022	21:11:00	16.94	8.24
<i>Bermuda Biological Station</i>	-81	1/16/2022	6:53:00	26.64	**
<i>St Johns, Canada</i>	-366	1/16/2022	12:08:00	31.89	17.85
<i>Port Fourchon, LA, USA</i>	-40	1/15/2022	21:54:00	17.65	7.18
<i>Grand Isle, LA, USA</i>	-30	1/16/2022	0:46:00	20.52	9.75
<i>Wrightsville Beach, NC, USA</i>	-80	1/16/2022	9:45:00	29.50	**
<i>Beaufort, NC, USA</i>	-110	1/16/2022	7:18:00	27.05	**
<i>Ocean City Inlet, MD, USA</i>	-80	1/16/2022	7:05:00	26.84	**
<i>Lewes, DE, USA</i>	-100	1/16/2022	12:40:00	32.42	**
<i>Cape May, NJ, USA</i>	-80	1/16/2022	12:23:00	32.14	**
<i>Atlantic City, NJ, USA</i>	-110	1/16/2022	13:20:00	33.09	**
<i>Woods Hole, MA, USA</i>	-80	1/16/2022	13:57:00	33.70	**
<i>Nantucket, MA, USA</i>	-60	1/16/2022	13:50:00	33.59	**
<i>Buoy #21420</i>	-30	1/15/2022	14:16:00	10.02	3.05
<i>Buoy #51407</i>	-53	1/15/2022	11:15:00	7.00	2.45

236 **Table S7** Maximum VMT-induced WL observed at the 30 deep-water buoys considered here
 237 (cm) and “persistence” of each buoy (time at 1-minute resolution recording; hrs). Locations
 238 where the VMT was not registered are indicated by “**”.
 239

<i>Deep-water Buoy #</i>	<i>Maximum VMT WL (cm)</i>	<i>“Persistence” Time (hrs)</i>
<i>Buoy #55015</i>	5.8	5
<i>Buoy #55023</i>	**	9
<i>Buoy #51425</i>	7.0	30
<i>Buoy #52406</i>	3.8	16
<i>Buoy #51407</i>	2.9	18.5
<i>Buoy #52403</i>	3.2	8
<i>Buoy #52402</i>	3.9	5
<i>Buoy #52401</i>	4	10
<i>Buoy #52404</i>	**	5
<i>Buoy #21420</i>	3	8
<i>Buoy #21418</i>	3.8	10
<i>Buoy #21419</i>	**	5
<i>Buoy #21416</i>	3.3	10
<i>Buoy #21415</i>	**	13
<i>Buoy #46408</i>	2.4	10
<i>Buoy #46402</i>	**	9
<i>Buoy #46403</i>	**	9
<i>Buoy #46414</i>	**	7
<i>Buoy #46409</i>	**	13
<i>Buoy #46415</i>	**	9
<i>Buoy #46416</i>	**	10
<i>Buoy #46404</i>	**	10
<i>Buoy #46407</i>	**	10
<i>Buoy #46411</i>	**	9
<i>Buoy #43412</i>	**	12
<i>Buoy #32411</i>	**	15
<i>Buoy #32413</i>	**	13
<i>Buoy #32401</i>	**	9
<i>Buoy #32403</i>	**	17
<i>Buoy #32402</i>	**	10

240
 241

242 **Table S8** β -factor calculations. Station names are given, along with volcanic meteotsunami-
 243 induced maximum residual water level (mm), air pressure gauge used, maximum air pressure at
 244 VMT arrival (mb) and arrival time, and calculated β . Calculations are determined by the ratio of
 245 residual VMT water level maximum to maximum air pressure.
 246

<u>Station</u>	<u>VMT WL (mm)</u>	<u>P_A Station used</u>	<u>P_A max (mb)</u>	<u>Day</u>	<u>Time (UTC)</u>	<u>β</u>	<u>Relative error (%)</u>	<u>Abs error</u>
<i>Suva, Fiji</i>	31	Fiji	4.7	1/15/2022	5:20:00	0.7	32.6	0.2
<i>Lautoka, Fiji</i>	13	Fiji	4.7	1/15/2022	5:20:00	0.3	77.4	0.2
<i>Quinne, New Caledonia</i>	42	Kerikeri	4.7	1/15/2022	6:10:00	0.9	24.3	0.2
<i>Hienghene, New Caledonia</i>	45	Kerikeri	3.2	1/15/2022	6:10:00	1.4	23.2	0.3
<i>Thio, New Caledonia</i>	29	Kerikeri	3.2	1/15/2022	6:10:00	0.9	35.0	0.3
<i>Fongafele, Tuvalu</i>	48	Kerikeri	3.2	1/15/2022	6:10:00	1.5	21.9	0.3
<i>Port Vila, Vanuatu</i>	50	Kerikeri	3.2	1/15/2022	6:10:00	1.6	20.9	0.3
<i>Luganville, Vanuatu</i>	34	Kerikeri	3.2	1/15/2022	6:10:00	1.1	30.0	0.3
<i>Litzlitz, Vanuatu</i>	53	Kerikeri	3.2	1/15/2022	6:10:00	1.7	19.9	0.3
<i>Pago Pago, American Samoa</i>	84	Fiji	4.7	1/15/2022	5:20:00	1.8	12.7	0.2
<i>Apia, American Samoa</i>	129	Fiji	4.7	1/15/2022	5:20:00	2.7	8.8	0.2
<i>Christmas, Kiribati</i>	54	Kwajalein	1.1	1/15/2022	7:42:00	4.9	26.1	1.3
<i>Hilo, HI, USA</i>	110	Hilo	1.1	1/15/2022	8:54:00	10.0	20.3	2.0
<i>Kawaihae, HI, USA</i>	80	Kawaihae	0.8	1/15/2022	8:54:00	10.0	28.0	2.8
<i>Kahului, HI, USA</i>	100	Kahului	1.2	1/15/2022	9:00:00	8.3	19.4	1.6
<i>Honolulu, HI, USA</i>	60	Honolulu	1.0	1/15/2022	9:00:00	6.0	26.0	1.6
<i>Barbers Point, HI, USA</i>	130	Honolulu	1.0	1/15/2022	9:00:00	13.0	21.4	2.8
<i>Nawiliwili, HI, USA</i>	30	Nawiliwili	1.1	1/15/2022	9:00:00	2.7	38.2	1.0
<i>French Frigate Shoals, HI, USA</i>	40	Nawiliwili	1.1	1/15/2022	9:00:00	3.6	30.9	1.1
<i>Johnston Island, USA</i>	40	Kawaihae	0.8	1/15/2022	8:54:00	5.0	35.3	1.8
<i>Midway, Island, USA</i>	50	Midway	1.2	1/15/2022	9:18:00	3.3	26.0	1.1
<i>Rarotonga, Cook Islands</i>	99	Easter	1.8	1/15/2022	10:28:00	5.6	15.0	0.8
<i>Tubuai, Austral Islands</i>	60	Easter	1.8	1/15/2022	10:28:00	3.3	19.9	0.7
<i>Huahine Island, French Polynesia</i>	55	Easter	1.8	1/15/2022	10:28:00	3.1	21.3	0.7
<i>Papeete, Tahiti, French Polynesia</i>	216	Easter	1.8	1/15/2022	10:28:00	12.0	12.0	1.4
<i>Vairao, Tahiti, French Polynesia</i>	35	Easter	1.8	1/15/2022	10:28:00	1.9	30.6	0.6
<i>Rikitea, French Polynesia</i>	38	Easter	1.8	1/15/2022	10:28:00	2.1	28.6	0.6
<i>Nuku Hiva, French Polynesia</i>	129	Easter	1.8	1/15/2022	10:28:00	7.2	13.6	1.0
<i>Hiva Oa, French Polynesia</i>	91	Easter	1.8	1/15/2022	10:28:00	5.1	15.6	0.8
<i>Juan Fernandez Island, Chile</i>	39	Easter	1.8	1/15/2022	10:28:00	2.2	27.7	0.6
<i>Wake Island, USA</i>	50	Wake	1.3	1/15/2022	8:42:00	3.8	25.2	1.0
<i>Kwajalein Island, USA</i>	50	Kwajalein	1.1	1/15/2022	7:42:00	4.5	27.1	1.2
<i>Chuuk, Micronesia</i>	23	Kwajalein	1.1	1/15/2022	7:42:00	2.1	47.6	1.0
<i>Nauru</i>	27	Kwajalein	1.1	1/15/2022	7:42:00	2.5	41.4	1.0

<i>Saipan Island, USA</i>	32	Guam	1.1	1/15/2022	9:30:00	2.9	36.5	1.0
<i>Pago Bay, Guam, USA</i>	80	Guam	1.1	1/15/2022	9:30:00	7.3	22.1	1.6
<i>Apra Harbor, Guam, USA</i>	30	Guam	1.1	1/15/2022	9:30:00	2.7	38.1	1.0
<i>Chichijima Island, Japan</i>	108	Chichijima	1.1	1/15/2022	10:40:00	9.9	20.4	2.0
<i>Naha, Japan</i>	78	Naha	0.4	1/15/2022	11:30:00	19.5	51.6	10.0
<i>Ishigaki, Japan</i>	35	Ishigaki	0.8	1/15/2022	11:40:00	4.4	38.1	1.7
<i>Nikol'skoe, Russia</i>	19	Atka	1.0	1/15/2022	11:36:00	1.9	57.0	1.1
<i>Vodopadnaya, Russia</i>	144	Atka	1.0	1/15/2022	11:36:00	14.4	21.2	3.1
<i>Preobrazheniye, Russia</i>	79	Hakodate	0.9	1/15/2022	11:50:00	8.8	25.6	2.2
<i>Rudnaya Pristan, Russia</i>	133	Hakodate	0.9	1/15/2022	11:50:00	14.8	23.5	3.5
<i>Abashiri, Japan</i>	73	Abashiri	0.7	1/15/2022	11:50:00	10.4	31.7	3.3
<i>Hanasaki, Japan</i>	205	Hanasaki	1.3	1/15/2022	11:50:00	15.7	16.1	2.5
<i>Kushiro, Japan</i>	143	Kushiro	1.0	1/15/2022	11:50:00	14.3	21.2	3.0
<i>Hakodate, Japan</i>	51	Hakodate	0.9	1/15/2022	11:50:00	5.6	29.6	1.7
<i>Ofunato, Japan</i>	165	Ofunato	0.8	1/15/2022	11:40:00	20.6	25.7	5.3
<i>Mera, Japan</i>	124	Mera	0.6	1/15/2022	11:20:00	20.7	34.3	7.1
<i>Omaezaki, Japan</i>	130	Omaezaki	1.0	1/15/2022	11:30:00	13.1	21.4	2.8
<i>Kushimoto, Japan</i>	209	Kushimoto	0.6	1/15/2022	11:30:00	34.8	33.7	11.7
<i>Tosashimizu, Japan</i>	111	Tosashimizu	1.0	1/15/2022	11:40:00	11.1	21.9	2.4
<i>Aburatsu, Japan</i>	127	Aburatsu	1.0	1/15/2022	11:40:00	12.8	21.5	2.7
<i>Nagasaki, Japan</i>	92	Nagasaki	0.6	1/15/2022	11:50:00	15.3	35.1	5.4
<i>Davao, Philippines</i>	69	Guam	1.2	1/15/2022	9:30:00	5.8	22.0	1.3
<i>Spring Bay, Australia</i>	48	SpringBay	2.0	1/15/2022	8:08:00	2.4	23.2	0.6
<i>Port Kembla, Australia</i>	91	GreenCape	1.8	1/15/2022	7:47:00	5.1	15.6	0.8
<i>Twofold Bay, Australia</i>	181	GreenCape	1.8	1/15/2022	7:47:00	10.1	12.4	1.3
<i>Gold Coast, Australia</i>	189	GoldCoast	2.0	1/15/2022	7:18:00	9.5	11.3	1.1
<i>Norfolk Island, Australia</i>	102	NorfolkIsland	3.4	1/15/2022	6:09:00	3.0	11.4	0.3
<i>Torres Strait, Australia</i>	6	HornIsland	1.7	1/15/2022	8:31:00	0.4	167.1	0.6
<i>Esperance, Australia</i>	89	Esperance	1.0	1/15/2022	9:55:00	8.9	23.0	2.0
<i>Portland, Australia</i>	21	PortlandAU	1.2	1/15/2022	8:25:00	1.8	50.8	0.9
<i>North Cape, New Zealand</i>	207	Kerikeri	3.2	1/15/2022	6:10:00	6.5	7.9	0.5
<i>Great Barrier Island, New Zealand</i>	93	Kerikeri	3.2	1/15/2022	6:10:00	2.9	12.5	0.4
<i>Auckland, New Zealand</i>	19	Auckland	1.2	1/15/2022	6:20:00	1.6	54.9	0.9
<i>Manakau, New Zealand</i>	72	Auckland	1.2	1/15/2022	6:20:00	6.0	21.7	1.3
<i>Tauranga, New Zealand</i>	51	Whakatane	1.3	1/15/2022	6:20:00	3.9	24.8	1.0
<i>East Cape, New Zealand</i>	80	Whakatane	1.3	1/15/2022	6:20:00	6.2	19.8	1.2
<i>Gisborne, New Zealand</i>	46	Gisborne	2.5	1/15/2022	6:20:00	1.8	23.2	0.4
<i>Napier, New Zealand</i>	90	Napier	1.2	1/15/2022	6:30:00	7.5	20.1	1.5
<i>Castlepoint, New Zealand</i>	36	Wellington	0.9	1/15/2022	6:40:00	3.9	35.9	1.4
<i>Wellington, New Zealand</i>	41	Wellington	0.9	1/15/2022	6:40:00	4.6	33.0	1.5
<i>Kaikoura, New Zealand</i>	47	Wellington	0.9	1/15/2022	6:40:00	5.2	30.9	1.6

<i>Christchurch, New Zealand</i>	65	Christchurch	1.4	1/15/2022	7:00:00	4.6	20.9	1.0
<i>Puysegur Welcome Bay, New Zealand</i>	53	MilfordSound	2.2	1/15/2022	7:10:00	2.4	21.1	0.5
<i>Jackson Bay, New Zealand</i>	61	MilfordSound	2.2	1/15/2022	7:10:00	2.8	18.8	0.5
<i>Dog Island, New Zealand</i>	30	Dunedin	1.3	1/15/2022	7:10:00	2.3	36.2	0.8
<i>Green Island, New Zealand</i>	40	Dunedin	1.3	1/15/2022	7:10:00	3.2	29.2	0.9
<i>Westgate Port Taranaki, New Zealand</i>	67	Wanganui	2.4	1/15/2022	6:30:00	2.8	17.0	0.5
<i>Timaru, New Zealand</i>	35	Dunedin	1.3	1/15/2022	7:10:00	2.8	32.2	0.9
<i>Moturiki, New Zealand</i>	187	Whakatane	1.3	1/15/2022	6:20:00	14.4	16.3	2.3
<i>Little Kaiteriteri, New Zealand</i>	16	Richmond	0.9	1/15/2022	6:40:00	1.8	67.6	1.2
<i>Base Prat, Antarctica</i>	12	PuertoWilliams	0.9	1/15/2022	12:34:00	1.3	86.4	1.1
<i>Base O'Higgins, Antarctica</i>	13	PuertoWilliams	0.9	1/15/2022	12:34:00	1.4	79.1	1.2
<i>King Edward Point, Sandwich Islands</i>	27	PuertoWilliams	0.9	1/15/2022	12:34:00	3.2	43.5	1.3
<i>Castro, Chile</i>	25	PuertoMelinka	0.9	1/15/2022	12:33:00	2.9	45.3	1.3
<i>Ancud, Chile</i>	53	PuertoMelinka	0.9	1/15/2022	12:33:00	5.9	29.1	1.7
<i>Bahia Mansa, Chile</i>	76	Corral	1.1	1/15/2022	12:48:00	6.9	22.4	1.6
<i>Corral, Chile</i>	51	Corral	1.1	1/15/2022	12:48:00	4.6	26.8	1.2
<i>Lebu, Chile</i>	44	Corral	1.1	1/15/2022	12:48:00	4.0	29.1	1.2
<i>Coronel, Chile</i>	102	Corral	1.1	1/15/2022	12:48:00	9.3	20.7	1.9
<i>Talcahuano, Chile</i>	59	Concepcion	1.5	1/15/2022	12:58:00	3.9	21.5	0.9
<i>Quiriquina, Chile</i>	88	Concepcion	1.5	1/15/2022	12:58:00	5.9	17.5	1.0
<i>Constitucion, Chile</i>	66	Concepcion	1.5	1/15/2022	12:58:00	4.4	20.2	0.9
<i>San Antonio, Chile</i>	49	SanAntonio	1.4	1/15/2022	13:15:00	3.6	24.8	0.9
<i>Valparaiso, Chile</i>	70	Valparaiso	1.5	1/15/2022	13:16:00	4.7	19.5	0.9
<i>Quintero, Chile</i>	80	Valparaiso	1.5	1/15/2022	13:16:00	5.3	18.3	1.0
<i>Pichidangui, Chile</i>	62	Valparaiso	1.5	1/15/2022	13:16:00	4.1	21.0	0.9
<i>Coquimbo, Chile</i>	84	Coquimbo	1.5	1/15/2022	13:28:00	5.5	17.8	1.0
<i>Huasco, Chile</i>	54	Coquimbo	1.5	1/15/2022	13:28:00	3.6	22.8	0.8
<i>Caldera, Chile</i>	111	Coquimbo	1.5	1/15/2022	13:28:00	7.4	16.1	1.2
<i>Chañaral, Chile</i>	74	Coquimbo	1.5	1/15/2022	13:28:00	4.9	19.0	0.9
<i>Taltal, Chile</i>	72	Coquimbo	1.5	1/15/2022	13:28:00	4.9	19.2	0.9
<i>Paposo, Chile</i>	78	Coquimbo	1.5	1/15/2022	13:28:00	5.3	18.5	1.0
<i>Antofagasta, Chile</i>	68	Iquique	1.8	1/15/2022	14:02:00	3.8	18.4	0.7
<i>Mejillones, Chile</i>	153	Iquique	1.8	1/15/2022	14:02:00	8.6	12.9	1.1
<i>Tocopilla, Chile</i>	77	Iquique	1.8	1/15/2022	14:02:00	4.3	17.1	0.7
<i>Patache, Chile</i>	116	Iquique	1.8	1/15/2022	14:02:00	6.4	14.1	0.9
<i>Iquique, Chile</i>	93	Iquique	1.8	1/15/2022	14:02:00	5.2	15.5	0.8
<i>Pisagua, Chile</i>	84	Arica	1.7	1/15/2022	14:08:00	4.9	16.8	0.8
<i>Arica, Chile</i>	162	Arica	1.7	1/15/2022	14:08:00	9.5	13.3	1.3
<i>Matarami, Peru</i>	91	Arica	1.7	1/15/2022	14:08:00	5.4	16.1	0.9
<i>Callao, Peru</i>	127	Arica	1.7	1/15/2022	14:08:00	7.4	14.2	1.1
<i>San Diego, CA, USA</i>	20	SanDiego	0.5	1/15/2022	11:54:00	4.0	63.4	2.6

<i>Los Angeles, CA, USA</i>	90	LosAngeles	0.5	1/15/2022	11:54:00	18.0	41.5	7.5
<i>Santa Monica, CA, USA</i>	100	SantaMonica	0.4	1/15/2022	11:54:00	25.0	51.0	12.8
<i>Santa Barbara, CA, USA</i>	50	SantaBarbara	0.5	1/15/2022	11:54:00	10.0	44.7	4.5
<i>Port San Luis, CA, USA</i>	90	PortSanLuis	0.6	1/15/2022	11:54:00	15.0	35.1	5.3
<i>Monterey, CA, USA</i>	90	Monterrey	0.8	1/15/2022	12:00:00	11.3	27.4	3.1
<i>San Francisco, CA, USA</i>	40	SanFrancisco	0.6	1/15/2022	12:06:00	6.7	41.6	2.8
<i>Alameda, CA, USA</i>	20	SanFrancisco	0.6	1/15/2022	12:06:00	3.3	59.6	2.0
<i>Richmond, CA, USA</i>	30	SanFrancisco	0.6	1/15/2022	12:06:00	5.0	47.1	2.4
<i>Point Reyes, CA, USA</i>	80	Point Reyes	0.5	1/15/2022	12:06:00	16.0	41.9	6.7
<i>Arena Cove, CA, USA</i>	100	ArenaCove	0.6	1/15/2022	12:02:00	16.7	34.8	5.8
<i>North Spit, CA, USA</i>	110	North Spit	0.5	1/15/2022	12:06:00	22.0	41.0	9.0
<i>Crescent City, CA, USA</i>	130	CrescentCity	1.0	1/15/2022	12:11:00	13.0	21.4	2.8
<i>Port Orford, OR, USA</i>	70	PortOrford	0.4	1/15/2022	12:12:00	17.5	52.0	9.1
<i>Charleston, OR, USA</i>	60	CharlestonOR	0.6	1/15/2022	12:12:00	10.0	37.3	3.7
<i>South Beach, OR, USA</i>	60	SouthBeachOR	0.6	1/15/2022	12:18:00	10.0	37.3	3.7
<i>Garibaldi, OR, USA</i>	90	Garibaldi	0.6	1/15/2022	12:24:00	15.0	35.1	5.3
<i>Toke Point, WA, USA</i>	30	TokePoint	0.7	1/15/2022	12:24:00	4.3	44.0	1.9
<i>Westport, WA, USA</i>	50	Westport	0.5	1/15/2022	12:24:00	10.0	44.7	4.5
<i>La Push, WA USA</i>	130	LaPush	0.4	1/15/2022	12:24:00	32.5	50.6	16.5
<i>Neah Bay, WA, USA</i>	40	NeahBay	0.4	1/15/2022	12:30:00	10.0	55.9	5.6
<i>Port Angeles, WA, USA</i>	40	PortAngeles	0.7	1/15/2022	12:30:00	5.7	37.9	2.2
<i>Victoria Harbour, BC, Canada</i>	33	NeahBay	0.4	1/15/2022	12:30:00	8.3	58.3	4.9
<i>Tofino, BC, Canada</i>	52	NeahBay	0.4	1/15/2022	12:30:00	13.3	53.5	7.0
<i>Port Alberni, BC, Canada</i>	30	NeahBay	0.4	1/15/2022	12:30:00	7.5	60.2	4.5
<i>Winter Harbour, BC, Canada</i>	27	NeahBay	0.4	1/15/2022	12:30:00	6.8	62.6	4.2
<i>Henslung Cove, BC, Canada</i>	66	Sitka	0.4	1/15/2022	12:42:00	16.5	52.3	8.6
<i>Port Alexander, AK, USA</i>	70	PortAlexander	0.4	1/15/2022	12:41:00	17.5	52.0	9.1
<i>Sitka, AK, USA</i>	40	Sitka	0.4	1/15/2022	12:42:00	10.0	55.8	5.6
<i>Elfin Cove, AK, USA</i>	70	ElfinCove	0.4	1/15/2022	12:48:00	17.5	52.0	9.1
<i>Juneau, AK, USA</i>	20	Juneau	0.4	1/15/2022	12:48:00	5.0	70.8	3.5
<i>Skagway, AK, USA</i>	40	Skagway	0.4	1/15/2022	12:54:00	10.0	55.8	5.6
<i>Yakutat, AK, USA</i>	120	Yakutat	0.5	1/15/2022	12:54:00	24.0	40.9	9.8
<i>Seward, AK, USA</i>	30	Seward	0.7	1/15/2022	12:54:00	4.3	43.9	1.9
<i>Altiak, AK, USA</i>	30	Altiak	1.0	1/15/2022	12:24:00	3.0	38.8	1.2
<i>Sand Point, AK, USA</i>	30	SandPoint	0.9	1/15/2022	12:06:00	3.3	40.3	1.3
<i>King Cove, AK, USA</i>	100	KingCove	0.7	1/15/2022	12:00:00	14.3	30.3	4.3
<i>Unalaska, AK, USA</i>	30	Unalaska	0.5	1/15/2022	11:48:00	6.0	52.1	3.1
<i>Nikolski, AK, USA</i>	40	Nikolski	0.8	1/15/2022	11:42:00	5.0	35.4	1.8
<i>Atka, AK, USA</i>	20	Atka	0.9	1/15/2022	11:36:00	2.2	54.3	1.2
<i>Adak, AK, USA</i>	100	Adak	0.5	1/15/2022	11:30:00	20.0	41.2	8.2
<i>St. Paul Island, AK, USA</i>	60	StPaul	0.9	1/15/2022	12:06:00	6.7	27.8	1.9

<i>Cadiz, Spain</i>	53	ISPRA17	1.3	1/15/2022	20:35:00	4.1	24.3	1.0
<i>Saidia Marina, Morocco</i>	42	ISPRA17	1.3	1/15/2022	20:35:00	3.2	28.1	0.9
<i>Sete, France</i>	41	ISPRA13	1.0	1/15/2022	20:09:00	4.1	31.8	1.3
<i>Fos-Sur-Mer, France</i>	52	ISPRA13	1.0	1/15/2022	20:09:00	5.2	27.8	1.4
<i>Toulon, France</i>	26	ISPRA13	1.0	1/17/2022	20:09:00	2.8	43.8	1.1
<i>La Figueirette, France</i>	29	ISPRA13	1.0	1/15/2022	20:09:00	2.9	40.1	1.2
<i>Fontvieille Harbour, Monaco</i>	8	ISPRA13	1.0	1/15/2022	20:09:00	0.8	130.3	1.0
<i>Centuri, Corsica</i>	47	ISPRA14	1.3	1/15/2022	20:09:00	3.6	26.4	0.9
<i>Ajaccio, Corsica</i>	25	ISPRA14	1.3	1/15/2022	20:09:00	1.9	43.4	0.8
<i>Solenzara, Corsica</i>	12	ISPRA14	1.3	1/15/2022	20:09:00	0.9	83.3	0.8
<i>Ile Rousse, Corsica</i>	29	ISPRA14	1.3	1/15/2022	20:09:00	2.2	37.8	0.8
<i>Carloforte, Sardinia</i>	57	ISPRA17	1.3	1/15/2022	20:35:00	4.4	23.4	1.0
<i>Cagliari, Sardinia</i>	48	ISPRA17	1.3	1/15/2022	20:35:00	3.8	25.8	1.0
<i>La Spezia, Italy</i>	10	ISPRA14	1.3	1/15/2022	20:09:00	0.8	100.4	0.8
<i>Livorno, Italy</i>	52	ISPRA14	1.3	1/15/2022	20:09:00	4.0	24.7	1.0
<i>Gaeta, Italy</i>	14	ISPRA37	1.4	1/15/2022	20:16:00	1.0	72.0	0.7
<i>Napoli, Italy</i>	35	ISPRA03	1.2	1/15/2022	20:16:00	3.0	32.8	1.0
<i>Salerno, Italy</i>	59	ISPRA03	1.2	1/15/2022	20:16:00	4.9	23.7	1.2
<i>Palinuro, Italy</i>	30	ISPRA03	1.2	1/15/2022	20:16:00	2.5	36.9	0.9
<i>Messina, Sicily</i>	98	ISPRA10	1.1	1/15/2022	20:28:00	8.9	20.9	1.9
<i>Palermo, Sicily</i>	60	ISPRA12	1.1	1/15/2022	20:37:00	5.5	24.6	1.4
<i>Sciacca, Sicily</i>	64	ISPRA12	1.1	1/15/2022	20:37:00	5.8	23.9	1.4
<i>Porto Empedocle, Sicily</i>	81	ISPRA16	1.1	1/15/2022	20:36:00	7.4	22.0	1.6
<i>Catania, Sicily</i>	106	ISPRA10	1.1	1/15/2022	20:28:00	9.6	20.5	2.0
<i>Lampedusa, Italy</i>	44	ISPRA11	1.5	1/15/2022	20:47:00	3.0	26.2	0.8
<i>Crotone, Italy</i>	52	ISPRA08	1.2	1/15/2022	20:21:00	4.3	25.4	1.1
<i>Taranto, Italy</i>	29	ISPRA15	1.2	1/16/2022	0:06:00	2.4	38.8	0.9
<i>Otranto, Italy</i>	27	ISPRA15	1.2	1/16/2022	0:06:00	2.3	40.8	0.9
<i>Vieste, Italy</i>	90	ISPRA05	0.7	1/17/2022	9:21:00	12.9	30.7	3.9
<i>Ortona, Italy</i>	71	ISPRA05	0.7	1/17/2022	9:21:00	10.1	31.9	3.2
<i>S.Benedetto Del Tronto, Italy</i>	84	ISPRA05	0.7	1/17/2022	9:21:00	12.0	31.0	3.7
<i>Stari Grad, Croatia</i>	54	ISPRA05	0.7	1/17/2022	9:21:00	7.7	34.0	2.6
<i>Peiraias, Greece</i>	24	ISPRA15	0.7	1/16/2022	0:06:00	3.4	50.9	1.7
<i>Syros, Greece</i>	10	ISPRA15	1.2	1/16/2022	0:06:00	0.8	101.4	0.8
<i>Plimiri, Greece (NOA-02)</i>	54	ISPRA15	1.2	1/16/2022	0:06:00	4.5	24.9	1.1
<i>Ierapetra, Crete (NOA-04)</i>	53	ISPRA15	1.2	1/16/2022	0:06:00	4.4	25.1	1.1
<i>Itea, Greece (NOA-05)</i>	34	ISPRA15	1.2	1/16/2022	0:06:00	2.8	33.9	1.0
<i>Aigio, Greece (NOA-06)</i>	18	ISPRA15	1.2	1/16/2022	0:06:00	1.5	58.3	0.9
<i>Zakynthos, Greece (NOA-07)</i>	33	ISPRA15	1.2	1/16/2022	0:06:00	2.8	34.6	1.0
<i>Kerykya, Greece (NOA-11)</i>	60	ISPRA15	1.2	1/16/2022	0:06:00	5.0	23.6	1.2
<i>Bodrum, Turkey</i>	32	ISPRA15	1.2	1/16/2022	0:06:00	2.7	35.7	0.9

<i>Marmaris, Turkey</i>	27	ISPRA15	1.2	1/16/2022	0:06:00	2.3	40.2	0.9
<i>Antalya, Turkey</i>	10	ISPRA15	1.2	1/16/2022	0:06:00	0.8	101.2	0.8
<i>Tasucu, Turkey</i>	20	ISPRA15	1.2	1/16/2022	0:06:00	1.7	52.6	0.9
<i>Istanbul, Turkey</i>	39	ISPRA15	1.2	1/16/2022	0:06:00	3.3	30.6	1.0
<i>Igneada, Turkey</i>	42	ISPRA15	1.2	1/16/2022	0:06:00	3.5	28.9	1.0
<i>Vieux Fort, St Lucia</i>	133	B42060	0.7	1/17/2022	3:30:00	19.0	29.5	5.6
<i>Dennerly, St Lucia</i>	52	B42060	1.2	1/15/2022	15:50:00	4.3	25.5	1.1
<i>Calliaqua, St Vincent and Grenadines</i>	25	B42060	1.2	1/15/2022	15:50:00	2.1	43.1	0.9
<i>Fort-de-France, Martinique</i>	33	B42060	1.2	1/15/2022	15:50:00	2.8	34.6	1.0
<i>Deshaiies, Guadeloupe</i>	47	B42060	1.2	1/15/2022	15:50:00	3.9	27.2	1.1
<i>Portsmouth, Dominica</i>	25	B42060	1.2	1/15/2022	15:50:00	2.1	43.0	0.9
<i>Blowing Point, Anguilla</i>	79	B42060	0.7	1/16/2022	4:30:00	11.3	31.2	3.5
<i>Baharona, Dominican Republic</i>	35	MonaIsland	0.4	1/17/2022	2:48:00	8.8	57.6	5.0
<i>Puerto Plata, Dominican Republic</i>	45	MonaIsland	0.4	1/16/2022	4:49:00	11.3	54.7	6.2
<i>Punta Cana, Dominican Republic</i>	79	MonaIsland	0.4	1/16/2022	4:49:00	19.8	51.6	10.2
<i>Charlotte Amelie, US Virgin Islands</i>	91	CharlotteAmalie	0.3	1/17/2022	3:06:00	30.3	67.6	20.5
<i>Lime Tree Bay, US Virgin Islands</i>	36	LimeTreeBay	1.1	1/15/2022	15:42:00	3.3	33.2	1.1
<i>Mayaguez, Puerto Rico</i>	72	Mayaguez	0.5	1/16/2022	4:48:00	14.4	42.3	6.1
<i>Vieques, Puerto Rico</i>	54	Mauaguez	1.2	1/15/2022	15:30:00	4.5	24.8	1.1
<i>Salinas, Puerto Rico</i>	29	Mauaguez	1.2	1/15/2022	15:30:00	2.4	38.6	0.9
<i>Mona Island, Puerto Rico</i>	36	MonaIsland	0.7	1/15/2022	15:24:00	5.1	40.1	2.0
<i>St Johns, Canada</i>	191	CutlerFarris	0.6	1/16/2022	4:24:00	31.8	33.7	10.7
<i>Port Fourchon, LA, USA</i>	50	GrandIsle	0.7	1/15/2022	13:42:00	7.1	34.9	2.5
<i>Grand Isle, LA, USA</i>	30	GrandIsle	0.7	1/15/2022	13:42:00	4.3	43.9	1.9
<i>Wrightsville Beach, NC, USA</i>	80	WrightsvilleBeach	1.1	1/16/2022	5:24:00	7.3	22.1	1.6
<i>Beaufort, NC, USA</i>	70	Beaufort	1.1	1/16/2022	5:18:00	6.4	23.1	1.5
<i>Ocean City Inlet, MD, USA</i>	60	OceanCityInlet	1.5	1/16/2022	5:06:00	4.0	21.3	0.9
<i>Lewes, DE, USA</i>	30	Lewes	1.5	1/16/2022	5:06:00	2.0	35.9	0.7
<i>Cape May, NJ, USA</i>	30	CapeMay	1.5	1/16/2022	5:06:00	2.0	35.9	0.7
<i>Atlantic City, NJ, USA</i>	100	AtlanticCity	1.2	1/16/2022	5:00:00	8.3	19.4	1.6
<i>Woods Hole, MA, USA</i>	30	WoodsHole	1.2	1/16/2022	4:42:00	2.5	37.3	0.9
<i>Nantucket, MA, USA</i>	60	Nantucket	0.8	1/16/2022	4:36:00	7.5	30.0	2.3
<i>Buoy #21420</i>	30	Kushimoto	0.6	1/15/2022	11:13:00	5.0	47.1	2.4
<i>Buoy #51407</i>	30	Hilo	1.1	1/15/2022	8:50:00	2.7	38.0	1.0