

TOWS-WG Task Team on Tsunami Watch Operations Meeting
February 27-28, 2023
UNESCO Headquarters, Paris, France

PTWS and CARIBE-EWS Significant Events

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Events Since the Last TTTWO Meeting

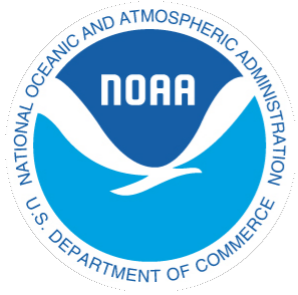


- **27 Tsunami Information Statements**
- **12 Tsunami Threat Sequences**
 - 01/15/22 – Mw **?.?** Hunga Tonga Volcano (16 m)
 - 03/16/22 – Mw 7.3 Japan (30 cm)
 - 03/31/22 – Mw 7.0 Loyalty Islands (5 cm)
 - 05/19/22 – Mw 6.9 Macquarie Islands (-)
 - 09/10/22 – Mw 7.6 Papua New Guinea (-)
 - 09/18/22 – Mw 6.9 Taiwan (-)
 - 09/19/22 – Mw 7.6 Mexico (79 cm)
 - 10/20/22 – Mw 6.7 Panama (-)
 - 11/11/22 – Mw 7.3 Tonga (12 cm)
 - 11/22/22 – Mw 7.0 Solomon Islands (3 cm)
 - 01/08/23 – Mw 7.0 Vanuatu (-)



Hunga Tonga Volcano

- ❑ **PTWC alerted by alarm on Nukualofa Gauge**
- ❑ **12 Messages Issued (but with some problems)**
- ❑ **Global Tsunami Generated**
- ❑ **Generation Mechanism Still Under Investigation**
- ❑ **PTWC developed and implemented new products in case of another tsunami from Hunga Tonga**
 - Briefings conducted
 - Manual published
 - Exercise held
- ❑ **Caribe Wave 23 Exercise – Mt Pelee Volcano Tsunami**
- ❑ **TOWS Task Team on Non-Seismic Events**



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Thank You
