

HONOLULU 18:47:02 30 Sep 2016 WASH.D.C. 00:47:02 01 Oct 2016 ZULU 04:47:02 01 Oct 2016 NAIROBI 07:47:02 01 Oct 2016 BANGKOK 11:47:02 01 Oct 2016 TONGATAPU 17:47:02 01 Oct 2016

Region Selected » Lower Left Latitude/Longitude: -26.5577 N*, -180.0 E* Upper Right Latitude/Longitude: -20.5577 N*, -176.9948 E*



Situational Awareness

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

| Recent Earthquakes | | | | | | | |
|--------------------|----------|----------------------|-----------|------------|---------------------------|--------------------|--|
| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long | |
| | 0 | 01-Oct-2016 04:46:37 | 5.3 | 538.59 | South of the Fiji Islands | 23.56° S/179.99° W | |

Source: PDC

Regional Overview

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

No significant land or population areas exist within the current map extent.

Please use http://atlas.pdc.org/atlas/ for dynamic mapping capabilities of this hazard.

Risk & Vulnerability

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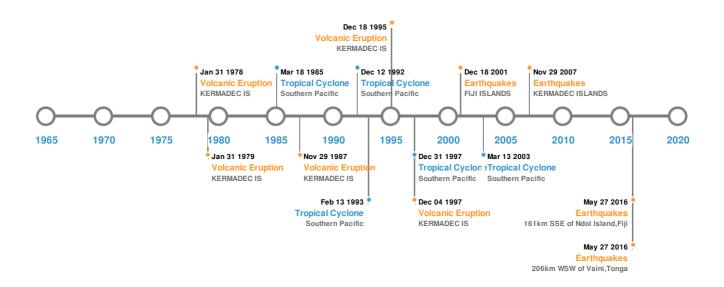
No significant land or population areas exist within the current map extent.

Please use http://atlas.pdc.org/atlas/ for dynamic mapping capabilities of this hazard.

Historical Hazards

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Historical Hazards:



Earthquakes:

| 5 Largest Earthquakes (Resulting in significant damage or deaths) | | | | | | | |
|---|----------------------|-----------|------------|--------------------------------|----------------------|--|--|
| Event | Date (UTC) | Magnitude | Depth (Km) | Location | Lat/Long | | |
| * | 16-Apr-1937 00:03:00 | 8.10 | 400 | FIJI ISLANDS | 21.5° S / 177° W | | |
| * | 09-Dec-2007 00:07:00 | 7.80 | 153 | KERMADEC ISLANDS | 26° S / 177.51° W | | |
| * | 19-Aug-2002 00:11:00 | 7.70 | 580 | FIJI ISLANDS | 21.7° S / 179.51° W | | |
| * | 28-May-2016 05:38:51 | 6.60 | 416.79 | 161km SSE of Ndoi Island, Fiji | 22.02° S / 178.16° W | | |
| * | 28-May-2016 05:38:50 | 6.60 | 420 | 206km WSW of Vaini, Tonga | 22° S / 177° W | | |

Source: Earthquakes

Volcanic Eruptions:

| 5 Largest Volcanic Eruptions (Last updated in 2000) | | | | | | | |
|---|------------------|----------------------|----------------------------|-------------|----------------------|--|--|
| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long | | |
| | MONOWAI SEAMOUNT | 05-Dec-1997 00:00:00 | 2.00 | KERMADEC IS | 25.89° S / 177.19° W | | |
| | MONOWAI SEAMOUNT | 19-Sep-1996 00:00:00 | 0.00 | KERMADEC IS | 25.89° S / 177.19° W | | |
| | MONOWAI SEAMOUNT | 08-Sep-1988 00:00:00 | 0.00 | KERMADEC IS | 25.89° S / 177.19° W | | |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|-------|------------------|----------------------|----------------------------|-------------|----------------------|
| | MONOWAI SEAMOUNT | 01-Feb-1979 00:00:00 | 0.00 | KERMADEC IS | 25.89° S / 177.19° W |
| | MONOWAI SEAMOUNT | 01-Feb-1978 00:00:00 | 0.00 | KERMADEC IS | 25.89° S / 177.19° W |

Source: Volcanoes

Tropical Cyclones:

| 5 Largest Tropical Cyclones | | | | | | |
|-----------------------------|----------------|--|----------------------|-------------------|------------------|-------------|
| Event | Name | Start/End Date(UTC) | Max Wind Speed (mph) | Min Pressure (mb) | Location | Lat/Long |
| | 1997-12- 20 | 01-Jan-1998 00:00:00 - 09-Jan-1998 12:00:00 | 161 | No Data | Southern Pacific | 22.67° S/0° |
| | 1985-03- 12 | 12-Mar-1985 06:00:00 - 18-Mar-1985 18:00:00 | 155 | No Data | Southern Pacific | 23.07° S/0° |
| | 1993-02- 03 | 03-Feb-1993 06:00:00 - 13-Feb-1993 18:00:00 | 132 | No Data | Southern Pacific | 19.15° S/0° |
| | ESETA | 11-Mar-2003 00:00:00 - 14-Mar-2003 00:00:00 | 127 | No Data | Southern Pacific | 20.29° S/0° |
| | 1992-12- 03 | 03-Dec-1992 12:00:00 - 12-Dec-1992 18:00:00 | 127 | No Data | Southern Pacific | 14.33° S/0° |

Source: Tropical Cyclones

Disclosures

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^{*} As defined by the source (<u>Dartmouth Flood Observatory</u>, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.