

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        | 23-Oct-2018 12:14:32 | 5.2       | 10         | Southern East Pacific Rise | 55.85° S/123.09° 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.

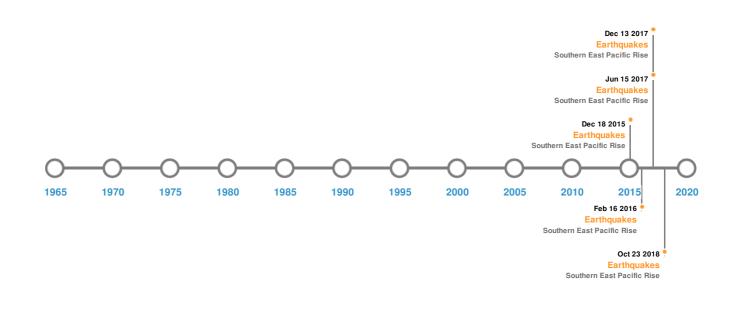
No significant land or population areas exist within the current map extent. Please use http://atlas.pdc.org/atlas/ for dynamic mapping capabilities of this hazard.

#### **Risk & Vulnerability**

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. 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.

### **Historical Hazards:**



## Earthquakes:

| 5 Largest Earthquakes (Resulting in significant damage or deaths) |                      |           |            |                            |                      |  |  |  |
|---|----------------------|-----------|------------|----------------------------|----------------------|--|--|--|
| Event   | Date (UTC)           | Magnitude | Depth (Km) | Location                   | Lat/Long             |  |  |  |
|   | 16-Feb-2016 23:48:35 | 6.00      | 10         | Southern East Pacific Rise | 55.82° S / 125.18° W |  |  |  |
|   | 18-Aug-2016 18:09:43 | 5.90      | 4.63       | Southern East Pacific Rise | 55.92° S/123.2° W    |  |  |  |
|   | 15-Jun-2017 11:42:15 | 5.80      | 10         | Southern East Pacific Rise | 55.41° S/124.79° W   |  |  |  |
|   | 23-Oct-2018 11:55:37 | 5.20      | 10         | Southern East Pacific Rise | 55.85° S/123.09° W   |  |  |  |
|   | 13-Sep-2018 11:38:04 | 5.20      | 10         | Southern East Pacific Rise | 55.89° S / 123.25° W |  |  |  |

Source: Earthquakes

#### **Disclosures**

\* 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.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.