



**Pacific Disaster Center**  
*Area Brief: General Executive Summary*

**HONOLULU**  
 11:19:50  
 05 Apr 2018

**LOS ANGELES**  
 14:19:50  
 05 Apr 2018

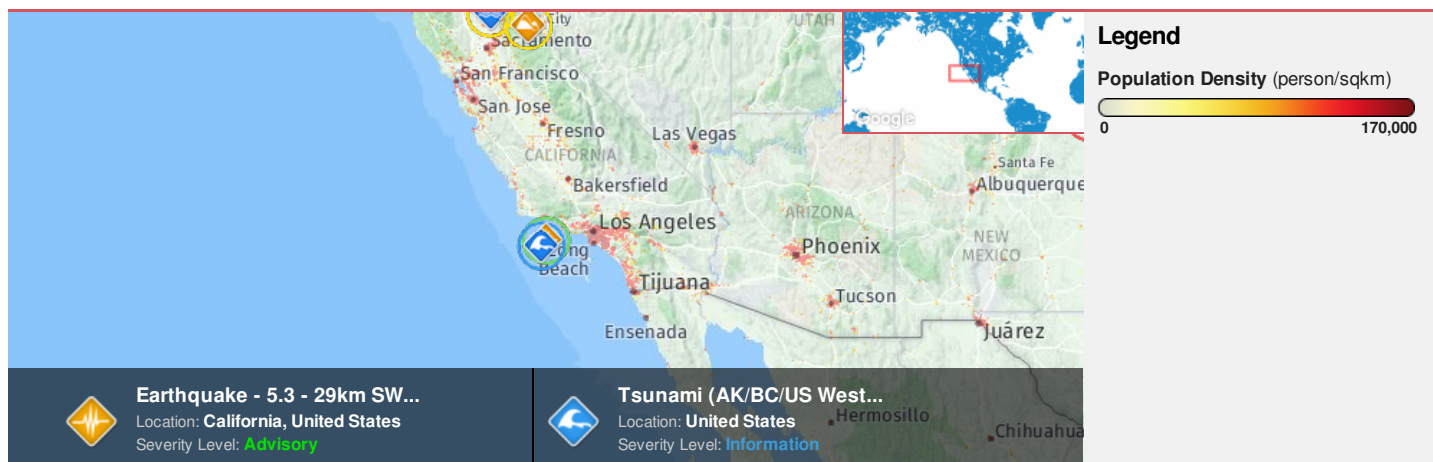
**WASH.D.C.**  
 17:19:50  
 05 Apr 2018

**ZULU**  
 21:19:50  
 05 Apr 2018

**NAIROBI**  
 00:19:50  
 06 Apr 2018

**BANGKOK**  
 04:19:50  
 06 Apr 2018

**Region Selected** » Lower Left Latitude/Longitude: 30.8375 N°, -122.7258333 E°  
 Upper Right Latitude/Longitude: 36.8375 N°, -116.7258333 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
		05-Apr-2018 19:32:41	5.31	9.87	29km SW of Santa Cruz Is. (E end), CA	33.84° N / 119.73° W

#### Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		05-Apr-2018 19:33:27	Tsunami (AK/BC/US West Coast) - 125 miles SW of Bakersfield, California - 5.4	33.7° N / 119.87° W

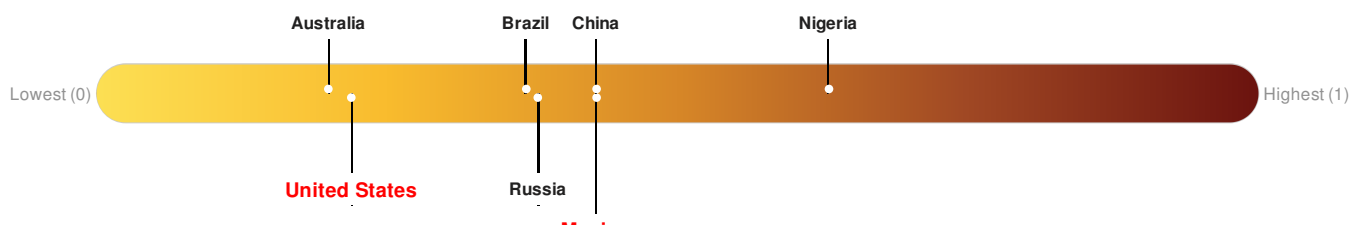
Source: [PDC](#)

### Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

**Mexico** ranks **82** out of **165** countries assessed for Lack of Resilience. Mexico is less resilient than 51% of countries assessed. This indicates that Mexico has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

**United States** ranks **149** out of **165** countries assessed for Lack of Resilience. United States is less resilient than 10% of countries assessed. This indicates that United States has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: [PDC](#)

## Regional Overview

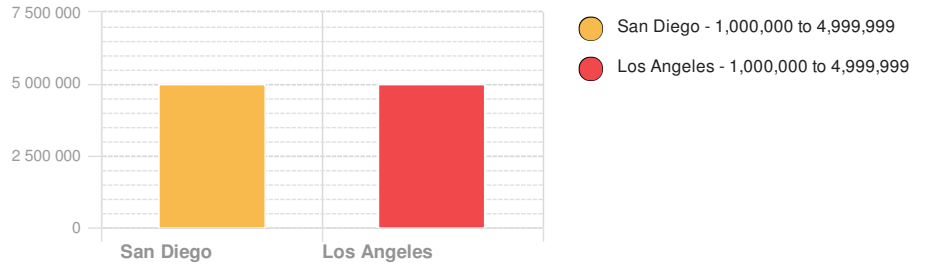
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### Population Data:

**2011**

**Total: 24,772,018**  
**Max Density: 41,997 (ppl/km<sup>2</sup>)**

### Populated Areas:



Source: [iSciences](#)

## Risk & Vulnerability

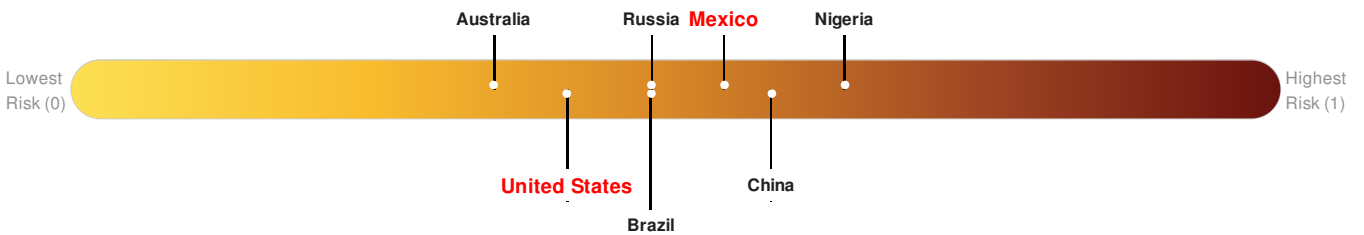
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

### Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Multi-Hazard Exposure **Mexico** ranks **53** out of **165** countries assessed for Multi Hazard Risk. Mexico has a Multi Hazard Risk higher than 68% of countries assessed. This indicates that Mexico has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **United States** ranks **121** out of **165** countries assessed for Multi Hazard Risk. United States has a Multi Hazard Risk higher than 27% of countries assessed. This indicates that United States has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



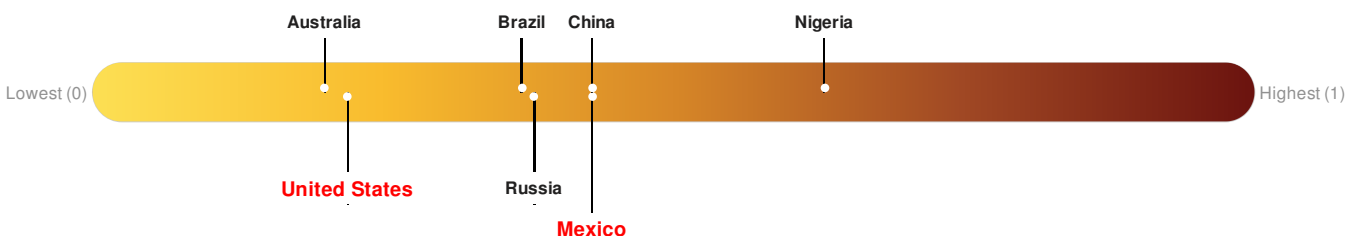
Source: [PDC](#)

### Lack of Resilience Index:

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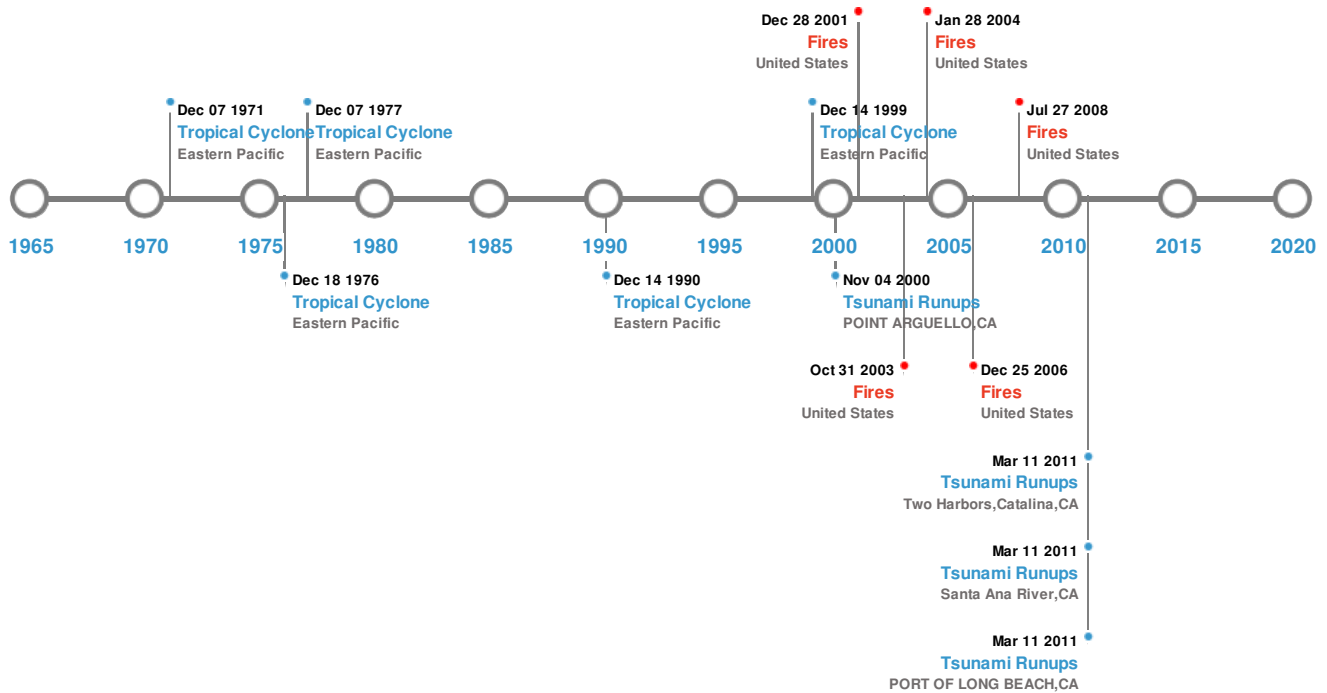


Source: [PDC](#)

## 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
	09-Jan-1857 00:10:00	8.30	-	CALIFORNIA: SAN FRANCISCO	35° N / 119° W
	26-Mar-1872 00:10:00	7.80	-	CALIFORNIA: OWENS VALLEY	36.7° N / 118.1° W
	21-Jul-1952 00:11:00	7.70	16	CALIFORNIA: KERN COUNTY	35° N / 119.02° W
	04-Nov-1927 00:13:00	7.50	33	CALIFORNIA: SOUTHERN	34.9° N / 120.7° W
	21-Dec-1812 00:19:00	7.10	-	CALIFORNIA: PURISIMA	34.2° N / 119.9° W

Source: [Earthquakes](#)

### Tsunami Runups:

#### 5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	USA	-	-	PORT OF LONG BEACH, CA	- / -
	11-Mar-2011 00:00:00	USA	-	-	Santa Ana River, CA	- / -

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	USA	-	-	Two Harbors, Catalina, CA	- / -
	21-Aug-1934 00:00:00	USA	12	-	NEWPORT BEACH, CA	33.59° N / 117.92° W
	04-Nov-2000 00:00:00	USA	7	-	POINT ARGUELLO, CA	34.58° N / 120.63° W

Source: [Tsunamis](#)

## Wildfires:






### 5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	09-Jun-2008 05:45:00 - 27-Jul-2008 10:00:00	115.10	United States	36.23° N / 121.57° W
	23-Oct-2003 00:00:00 - 28-Jan-2004 00:00:00	89.40	United States	34.42° N / 118.78° W
	21-Jul-2002 00:00:00 - 28-Aug-2002 00:00:00	89.20	United States	36.07° N / 118.38° W
	02-Oct-2003 00:00:00 - 31-Oct-2003 00:00:00	76.90	United States	34.22° N / 117.38° W
	10-Jul-2007 00:00:00 - 25-Aug-2007 00:00:00	74.10	United States	34.69° N / 119.64° W

Source: [Wildfires](#)

## Tropical Cyclones:

### 5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	NORMAN	31-Aug-1978 00:00:00 - 07-Sep-1978 00:00:00	138	No Data	Eastern Pacific	23.17° N / 109.35° W
	HYACINTH	28-Aug-1972 06:00:00 - 07-Sep-1972 00:00:00	127	No Data	Eastern Pacific	21.78° N / 109.55° W
	LANE	05-Sep-2000 06:00:00 - 14-Sep-2000 00:00:00	98	967	Eastern Pacific	22.37° N / 112.65° W
	DOREEN	13-Aug-1977 06:00:00 - 18-Aug-1977 00:00:00	75	No Data	Eastern Pacific	24.81° N / 112.55° W
	HILDA	08-Aug-1991 06:00:00 - 14-Aug-1991 06:00:00	63	992	Eastern Pacific	22.52° N / 111.85° W

Source: [Tropical Cyclones](#)

## Disclosures

\* As defined by the source ([Dartmouth Flood Observatory](#), University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.

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