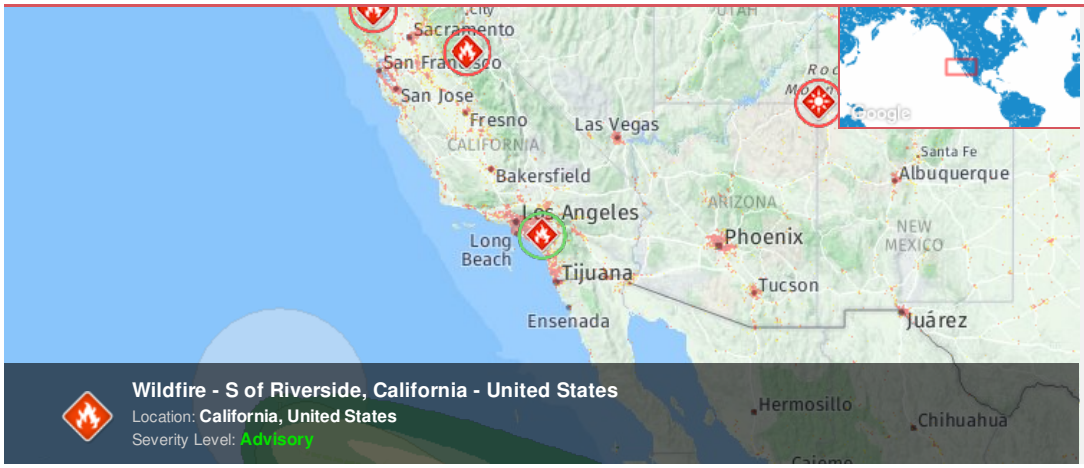
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 18:01:29 08 Aug 2018	LOS ANGELES 21:01:29 08 Aug 2018	WASH.D.C. 00:01:29 09 Aug 2018	ZULU 04:01:29 09 Aug 2018	NAIROBI 07:01:29 09 Aug 2018	BANGKOK 11:01:29 09 Aug 2018

Region Selected » Lower Left Latitude/Longitude: 30.70428476 N˚ , -120.486459218 E˚
Upper Right Latitude/Longitude: 36.70428476 N˚ , -114.486459218 E˚



Legend

Population Density (person/sqkm)

0 — 170,000

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:

Active Wild Fire

Event	Severity	Date (UTC)	Name	Lat/Long
		09-Aug-2018 03:59:07	Wildfire - S of Riverside, California - United States	33.7° N / 117.49° W

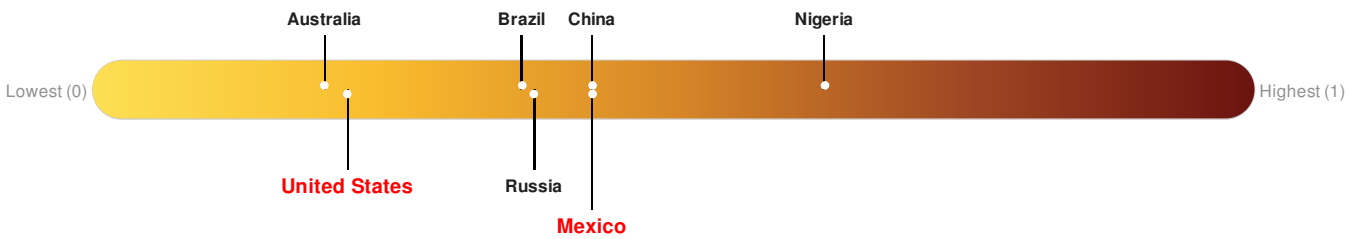
Source: PDC

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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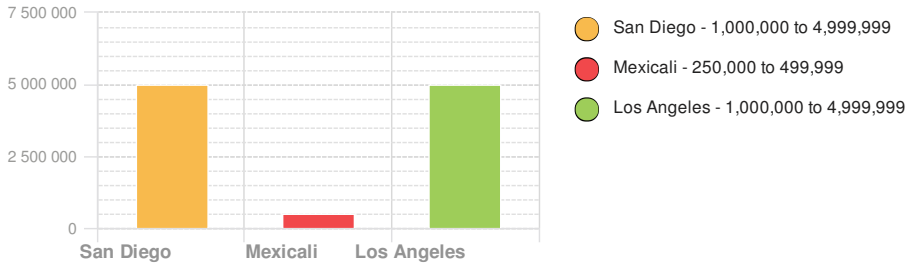
apply for access, please register here. Validation of registration information may take 24-48 hours.

Population Data:

2011

Total: 27, 817, 998
Max Density: 41, 997(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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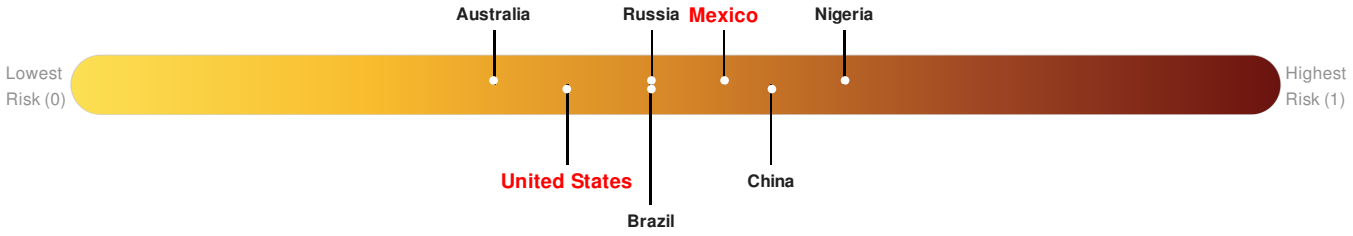
Multi Hazard Risk Index:

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.



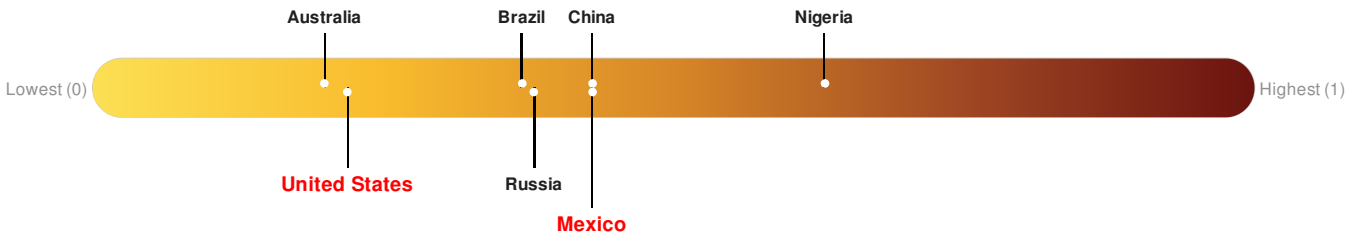
Source: PDC

Lack of Resilience Index:

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

Historical Hazards

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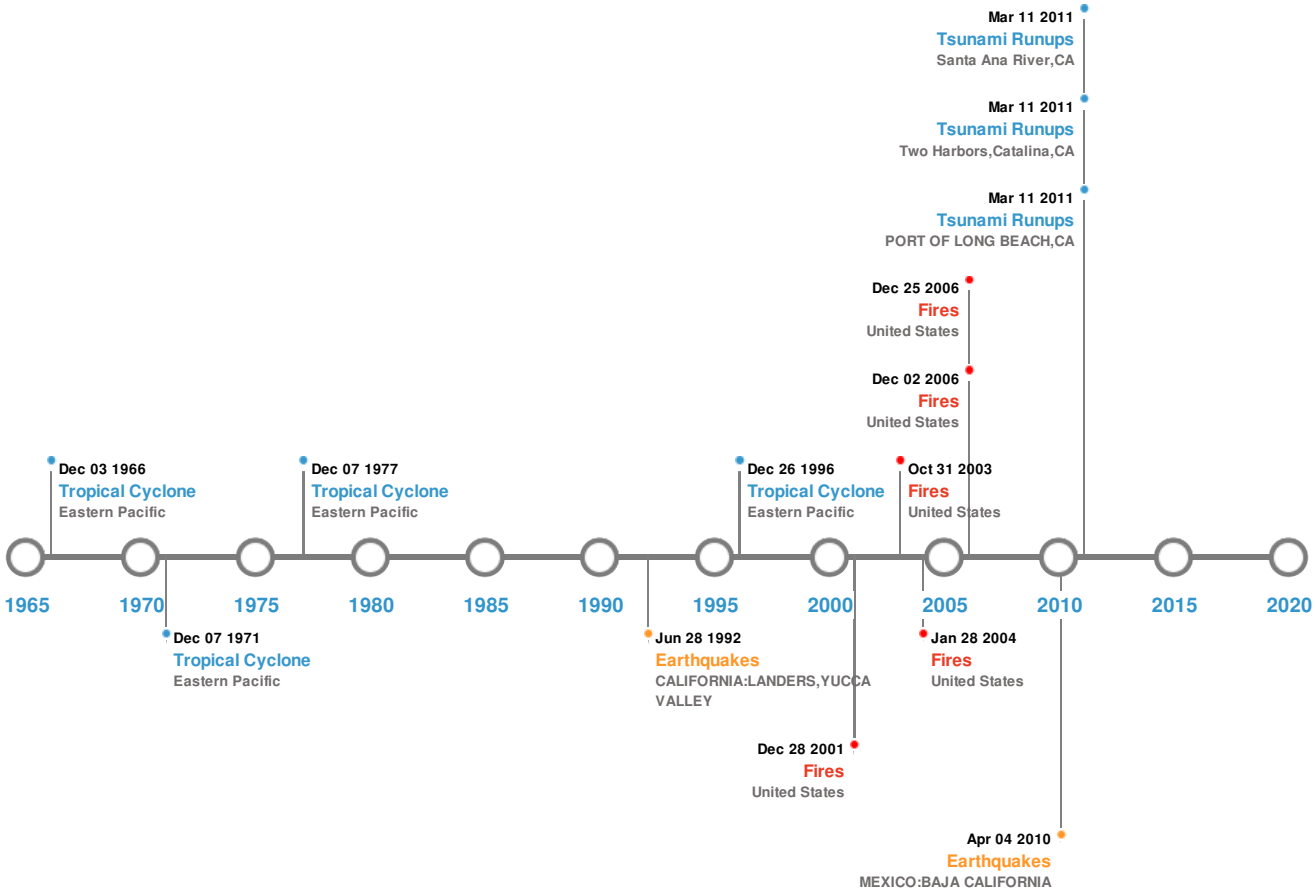
Historical Hazards:



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
	28-Jun-1992 00:11:00	7.60	1	CALIFORNIA: LANDERS, YUCCA VALLEY	34.2° N / 116.44° W
	04-Apr-2010 00:22:00	7.20	4	MEXICO: BAJA CALIFORNIA	32.3° N / 115.28° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	PRIETO, CERRO	20-Jul-1953 00:00:00	0.00	MEXICO	32.42° N / 115.31° W

Source: Volcanoes

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	-	-	Two Harbors, Catalina, CA	- / -
	11-Mar-2011 00:00:00	USA	-	-	Santa Ana River, CA	- / -
	21-Aug-1934 00:00:00	USA	12	-	NEWPORT BEACH, CA	33.59° N / 117.92° W
	21-Dec-1812 00:00:00	USA	3.4	-	EL REFUGIO (GAVIOTA), CA	34.47° N / 120.2° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	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
	01-Aug-2007 00:00:00 - 02-Sep-2007 00:00:00	63.90	United States	34.67° N / 119.61° 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
	NORA	16-Sep-1997 12:00:00 - 26-Sep-1997 06:00:00	132	950	Eastern Pacific	23.92° N / 108.3° W

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	HYACINTH	28-Aug-1972 06:00:00 - 07-Sep-1972 00:00:00	127	No Data	Eastern Pacific	21.78° N / 109.55° W
	EMILY	30-Aug-1965 06:00:00 - 06-Sep-1965 12:00:00	92	No Data	Eastern Pacific	24.26° N / 112.75° W
	KATRINA	30-Aug-1967 06:00:00 - 03-Sep-1967 00:00:00	86	No Data	Eastern Pacific	25.01° N / 110.9° 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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