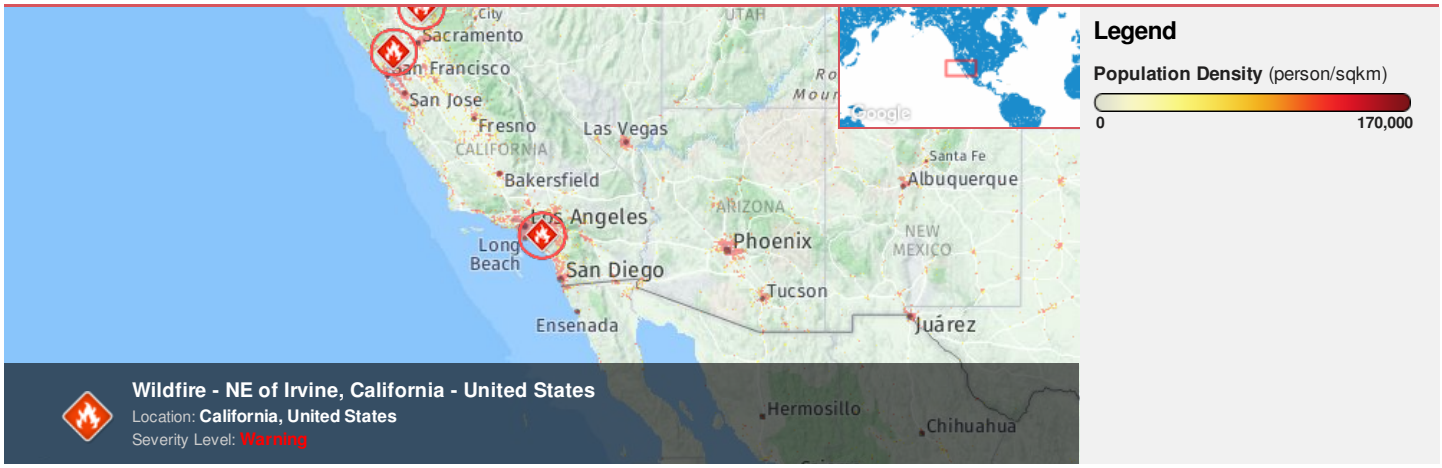
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 17:55:55 09 Oct 2017	LOS ANGELES 20:55:55 09 Oct 2017	WASH.D.C. 23:55:55 09 Oct 2017	ZULU 03:55:55 10 Oct 2017	NAIROBI 06:55:55 10 Oct 2017	BANGKOK 10:55:55 10 Oct 2017

Region Selected » Lower Left Latitude/Longitude: 30.822813746999998 N˚ , -120.734320998 E˚
Upper Right Latitude/Longitude: 36.822813747 N˚ , -114.734320998 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:

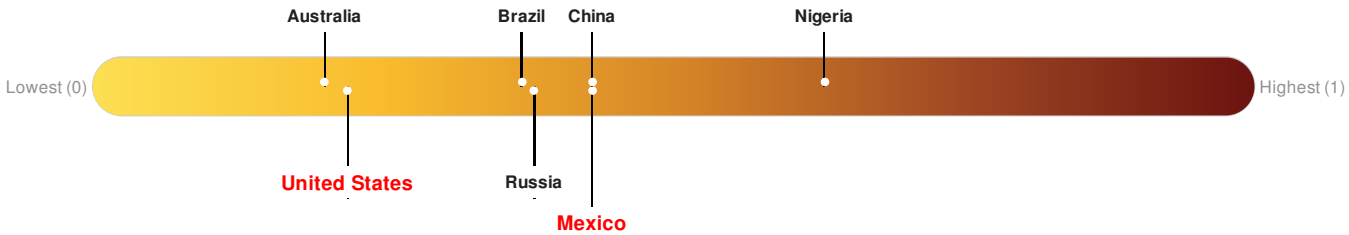
Active Wild Fire

Event	Severity	Date (UTC)	Name	Lat/Long
		10-Oct-2017 03:54:36	Wildfire - NE of Irvine, California - United States	33.82° N / 117.73° W

Source: PDC

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. **Mexico** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



Mexico ranks **82** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Governance, Marginalization and Infrastructure.

United States ranks **149** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: PDC

Regional Overview

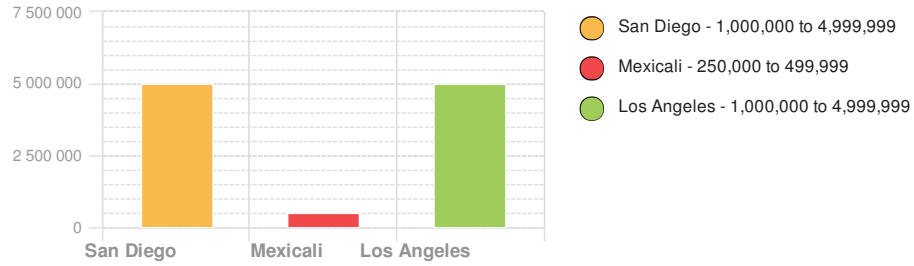
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Population Data:

2011

Total: 28, 330, 094
Max Density: 41, 997(ppl/km^2)

Populated Areas:



Source: iSciences

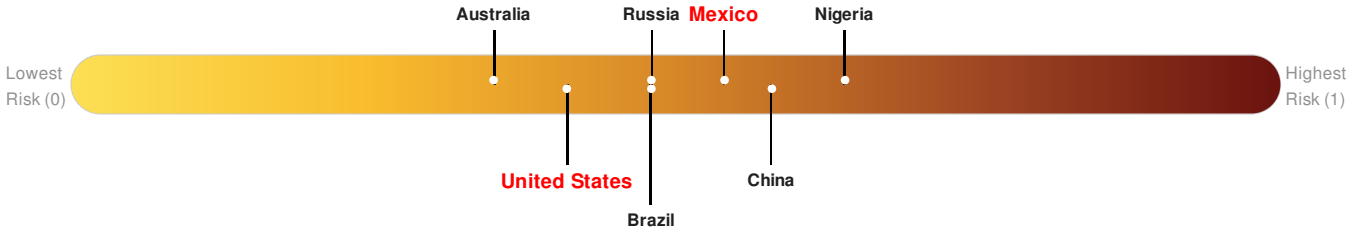
Risk & Vulnerability

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:

Mexico ranks **53** out of **165** on the Multi-Hazard Risk Index with a score of 0.54. Mexico is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

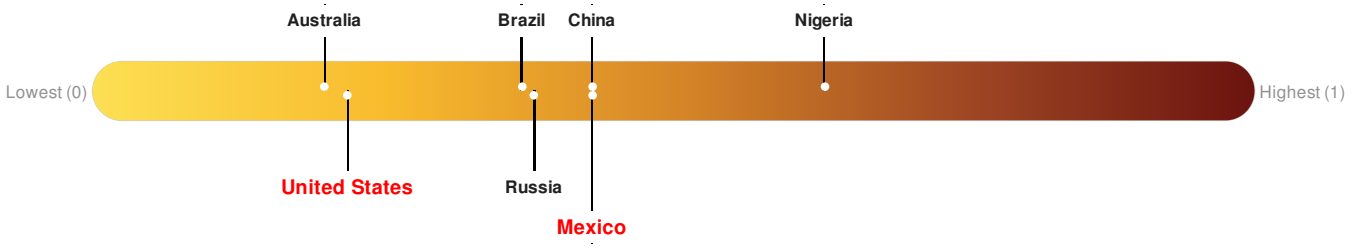
United States ranks **121** out of **165** on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: PDC

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. **Mexico** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



Mexico ranks **82** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Governance, Marginalization and Infrastructure.

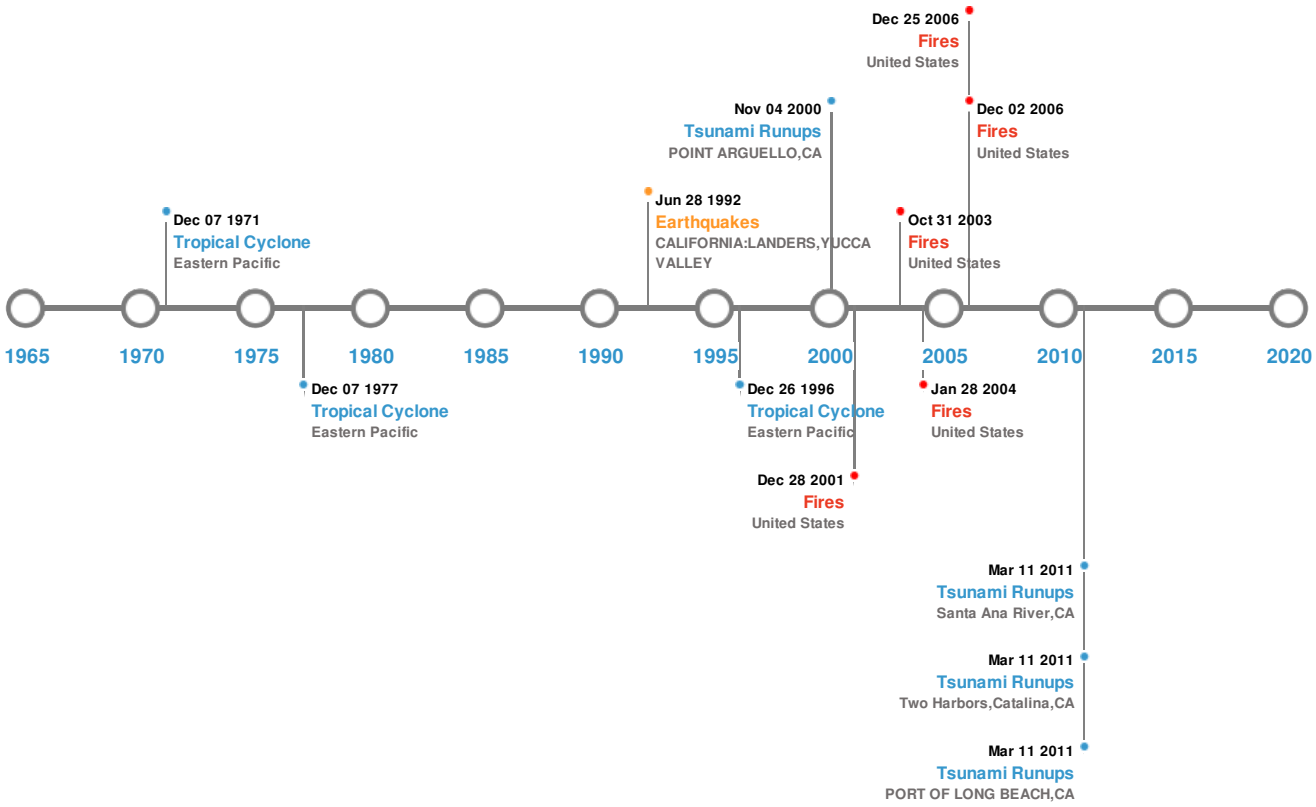
United States ranks **149** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: PDC

Historical Hazards

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
	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-Nov-1927 00:13:00	7.50	33	CALIFORNIA: SOUTHERN	34.9° N / 120.7° 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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long

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
	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
	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
	HYACINTH	28-Aug-1972 06:00:00 - 07-Sep-1972 00:00:00	127	No Data	Eastern Pacific	21.78° N / 109.55° W

Event	Name	Start/End Date (UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	EMILY	30-Aug-1965 06:00:00 - 06-Sep-1965 00:00:00	92	No Data	Eastern Pacific	24.26° N / 112.75° W
	1959-09-04	04-Sep-1959 12:00:00 - 11-Sep-1959 12:00:00	86	No Data	Eastern Pacific	22.17° N / 105.7° 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.