	Pacific Disaster Center	HONOLULU	BAHIA BANDERAS	WASH.D.C.	ZULU	NAIROBI	BANGKOK
	Area Brief: General	19:20:27	00:20:27	01:20:27	05:20:27	08:20:27	12:20:27
	Executive Summary	05 May 2016	06 May 2016	06 May 2016	06 May 2016	06 May 2016	06 May 2016

Region Selected » Lower Left Latitude/Longitude: 15.66989999999998 N°, -110.1184 E° Upper Right Latitude/Longitude: 21.6699 N°, -104.1184 E°



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	
	1	05-May-2016 22:47:35	5.5	10	241km SW of Tomatlan, Mexico	18.67° N / 107.12° W	

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.



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Regional Overview

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Population Data:

Populated Areas:

2011

Total: 1, 374, 505

Max Density: 30, 227(ppl/km²)



Risk & Vulnerability

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Multi Hazard Risk Index:

Mexico ranks 52 out of 165 on the Multi-Hazard Risk Index with a score of 0.54. Mexico is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.



Lack of Resilience Index:

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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		
	03-Jun-1932 00:10:00	8.10	60	MEXICO: NEAR COAST OF JALISCO	19.5° N / 104.25° W		
	09-Oct-1995 00:15:00	8.00	33	MEXICO: JALISCO, MANZANILLO, SAN PATRICIO MELAQUE	19.05° N / 104.2° W		
	16-May-1900 00:20:00	7.80	60	MEXICO: NEAR COAST OF JALISCO	20° N / 105° W		
	30-Apr-1921 00:11:00	7.70	-	MEXICO: NEAR COAST OF JALISCO	19.7° N / 104.3° W		
	22-Nov-1837 00:00:00	7.50	-	MEXICO: ACAPULCO, OAXACA, PUEBLA	20° N / 105° W		

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)							
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long		
\diamond	CEBORUCO, VOLCAN	01-Jan-1870 00:00:00	3.00	MEXICO	21.13° N / 104.5° W		

Tsunami Runups:

5 Largest Tsunami Runups							
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long	
\diamond	09-Oct-1995 00:00:00	MEXICO	11	-	SANTIAGO BAY - VIDA DEL MAR RESORT	19.1° N / 104.4° W	
\diamond	09-Oct-1995 00:00:00	MEXICO	5.1	-	BOCA DE IGUANAS	19.2° N / 104.72° W	
\diamond	09-Oct-1995 00:00:00	MEXICO	5.1	1	BARRA DE NAVIDAD	19.2° N / 104.68° W	
\diamond	04-Dec-1948 00:00:00	MEXICO	5	-	ISLAS TRES MARIAS	21.42° N / 106.47° W	
	09-Oct-1995 00:00:00	MEXICO	4.9	-	SAN MATEO	19.57° N / 105.08° W	

Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
-	05-May-2005 00:00:00 - 08-Jun-2005 00:00:00	25.40	Mexico	21.66° N / 104.22° W			
	20-Apr-2005 00:00:00 - 15-May-2005 00:00:00	23.20	Mexico	20.93° N / 104.23° W			
	29-Apr-2005 00:00:00 - 22-May-2005 00:00:00	22.50	Mexico	21.64° N / 104.23° W			
	13-May-2005 00:00:00 - 14-Jun-2005 00:00:00	20.20	Mexico	20.47° N / 104.21° W			
	09-Apr-2008 08:55:00 - 23-May-2008 05:00:00	15.80	Mexico	20.38° N / 105.17° W			

Tropical Cyclones:

5 Largest Tropical Cyclones								
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long		
٢	LINDA	09-Sep-1997 18:00:00 - 03-Nov-1997 18:00:00	184	No Data	Western Pacific	15.04° N / 6.9° W		
٢	RICK	16-Oct-2009 03:00:00 - 21-Oct-2009 21:00:00	178	906	Eastern Pacific	17.82° N / 104.4° W		
٢	KENNA	22-Oct-2002 06:00:00 - 26-Oct-2002 03:00:00	167	No Data	Eastern Pacific	17.53° N / 104.4° W		
٢	HERNAN	30-Aug-2002 12:00:00 - 06-Sep-2002 15:00:00	161	No Data	Eastern Pacific	18.37° N / 113.8° W		
٢	1959-10- 23	23-Oct-1959 12:00:00 - 29-Oct-1959 12:00:00	161	No Data	Eastern Pacific	17.87° N / 101.7° W		

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.

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