Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	ALGIERS	NAIROBI	BANGKOK
Area Brief: General	<b>14:14:42</b>	<b>20:14:42</b>	<b>00:14:42</b>	<b>01:14:42</b>	<b>03:14:42</b>	<b>07:14:42</b>
Executive Summary	28 May 2016	28 May 2016	29 May 2016	29 May 2016	29 May 2016	29 May 2016





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	29-May-2016 00:14:17	5.2	11.92	19km SSW of Lakhdaria, Algeria	36.41° N / 3.5° E		

# 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. Algeria ranks 55 out of 165 on the Lack of Resilience index with a score of 0.5. Spain ranks 135 out of 165 on the Lack of Resilience index with a score of 0.26.



Algeria ranks 55 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 Environmental Capacity, Governance and Info Access Vulnerability.

Spain ranks 135 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 Environmental Capacity, Environmental Stress and Marginalization.

#### **Regional Overview**

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# **Population Data:**

**Populated Areas:** 



#### **Risk & Vulnerability**

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#### **Multi Hazard Risk Index:**

Algeria ranks 45 out of 165 on the Multi-Hazard Risk Index with a score of 0.55. Algeria is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

Spain ranks 132 out of 165 on the Multi-Hazard Risk Index with a score of 0.38. Spain is estimated to have relatively high overall exposure, very low vulnerability, and high coping capacity.



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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		
	10-Oct-1980 00:12:00	7.70	10	ALGERIA: NORTHERN	36.2° N / 1.35° E		
	21-May-2003 00:18:00	6.80	12	ALGERIA: ALGIERS, BOUMERDES, REGHIA, THENIA	36.96° N/3.63° E		
	09-Sep-1954 00:02:00	6.70	-	ALGERIA: EL ASNAM	36° N / 1.5° E		
	09-Sep-1954 00:01:00	6.50	5	ALGERIA: ORLEANSVILLE	36.3° N / 1.5° E		
	24-Jun-1910 00:13:00	6.40	33	ALGERIA: MASQUERAY, KABYLIA	36° N / 4° E		

# **Tsunami Runups:**

5 Largest Tsunami Runups							
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long	
$\diamond$	22-Aug-1856 00:00:00	ALGERIA	5	-	BOUGIE	36.75° N / 5.08° E	
	21-May-2003 00:00:00	SPAIN	3		MAJORCA ISLAND, BALEARIC ISLANDS	39.37° N/3.12° E	

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
$\diamond$	21-May-2003 00:00:00	SPAIN	3	-	IBIZA, BALEARIC ISLANDS	38.9° N / 1.43° E
$\diamond$	22-Aug-1856 00:00:00	ALGERIA	3	-	JIJEL	36.8° N / 5.77° E
	06-May-1773 00:00:00	ALGERIA	2	-	ALGIERS	36.76° N/3.05° E

## Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
	01-Aug-2007 00:00:00 - 13-Sep-2007 00:00:00	25.80	Algeria	36.41° N/2.85° E			
	01-Aug-2007 00:00:00 - 30-Aug-2007 00:00:00	25.00	Algeria	36.41° N / 2.85° E			
	01-Aug-2007 00:00:00 - 30-Aug-2007 00:00:00	24.80	Algeria	36.41° N/2.56° E			
	25-Jun-2007 00:00:00 - 30-Aug-2007 00:00:00	22.40	Algeria	36.69° N / 5.84° E			
	29-Jul-2007 00:00:00 - 30-Aug-2007 00:00:00	22.20	Algeria	36.41° N/2.57° E			

## 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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