<u> </u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	ADEN	NAIROBI	BANGKOK
	Area Brief: General	<b>21:20:30</b>	03:20:30	07:20:30	<b>10:20:30</b>	<b>10:20:30</b>	<b>14:20:30</b>
	Executive Summary	04 May 2016	05 May 2016	05 May 2016	05 May 2016	05 May 2016	05 May 2016

Region Selected » Lower Left Latitude/Longitude: 10.7548 N°, 48.8206 E° Upper Right Latitude/Longitude: 16.7548 N°, 54.8206 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		
	0	05-May-2016 07:19:52	5.3	10	172km SSE of Sayhut, Yemen	13.75° N / 51.82° 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. **Oman** ranks **92** out of **165** on the Lack of Resilience index with a score of 0.39. There was insufficient data to determine the Lack of Resilience Index score for **Somalia**. **Yemen** ranks **5** out of **165** on the Lack of Resilience index with a score of 0.67.



**Oman** ranks **92** 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 Population Pressures, Environmental Capacity and Environmental Stress.

There was insufficient data to determine the Lack of Resilience Index score for Somalia.

Yemen ranks 5 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, Conflict Impacts and Governance.

#### **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:**

## **Populated Areas:**



#### **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:**

Oman ranks 113 out of 165 on the Multi-Hazard Risk Index with a score of 0.43. Oman is estimated to have relatively medium overall exposure, low vulnerability, and high coping capacity.

There was insufficient data to determine the Multi Hazard Risk Index score for Somalia.

Yemen ranks 18 out of 165 on the Multi-Hazard Risk Index with a score of 0.61. Yemen is estimated to have relatively medium overall exposure, high vulnerability, and low coping capacity.



## 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. **Oman** ranks **92** out of **165** on the Lack of Resilience index with a score of 0.39. There was insufficient data to determine the Lack of Resilience Index score for **Somalia**. **Yemen** ranks **5** out of **165** on the Lack of Resilience index with a score of 0.67.



Oman ranks 92 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 Population Pressures, Environmental Capacity and Environmental Stress.

There was insufficient data to determine the Lack of Resilience Index score for Somalia.

Yemen ranks 5 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, Conflict Impacts and Governance.

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			
	05-May-2016 07:01:47	5.30	10	172km SSE of Sayhut, Yemen	13.75° N / 51.82° E			
	21-Apr-2016 12:21:41	4.50	10	137km N of Bereeda, Somalia	13.1° N / 50.85° E			
	06-Apr-2016 12:51:12	4.50	10	133km N of Bereeda, Somalia	13.07° N / 51.22° E			

#### **Tsunami Runups:**

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
	26-Dec-2004 00:00:00	SOMALIA	6.5	-	BARGAAL	11.28° N / 51.08° E		

# **Tropical Cyclones:**

5 Largest Tropical Cyclones								
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long		

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
٢	FOUR	28-Oct-2015 00:00:00 - 03-Nov-2015 00:00:00	138	-	-	14.5° N / 51.84° E
٢	MEGH	05-Nov-2015 00:00:00 - 09-Nov-2015 00:00:00	121	-	-	12.3° N/51.52° E
٢	1996-10- 14	14-Oct-1996 06:00:00 - 02-Nov-1996 00:00:00	75	No Data	Indian Ocean	13.84° N / 72.05° E
٢	BANDU	19-May-2010 12:00:00 - 23-May-2010 06:00:00	63	No Data	Indian Ocean	11.6° N/51.6° E
٢	1976-10- 12	12-Oct-1976 06:00:00 - 18-Oct-1976 18:00:00	58	No Data	Indian Ocean	11.4° N/61.5° 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.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.