	Pacific Disaster Center Area Brief: General Executive Summary	HONOLULU 02:40:42 30 Jun 2016	WASH.D.C. 08:40:42 30 Jun 2016	ZULU 12:40:42 30 Jun 2016	NAIROBI 15:40:42 30 Jun 2016	MAURITIUS 16:40:42 30 Jun 2016	BANGKOK 19:40:42 30 Jun 2016
Region Sel	Lower Left Latitude/Longi Upper Right Latitude/Longi			•			
		<b></b>		Google	بر 🗢 🗠	Legend Population Density	(person/sqkm) 170,000
Situatio	Earthquake - 5.1 - Southwest Location: 29.12° S, 61.12° E Severity Level: Advisory	Indian Ridge					

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	30-Jun-2016 12:39:54	5.1	10	Southwest Indian Ridge	29.12° S/61.12° E	

Source: <u>PDC</u>

### **Regional Overview**

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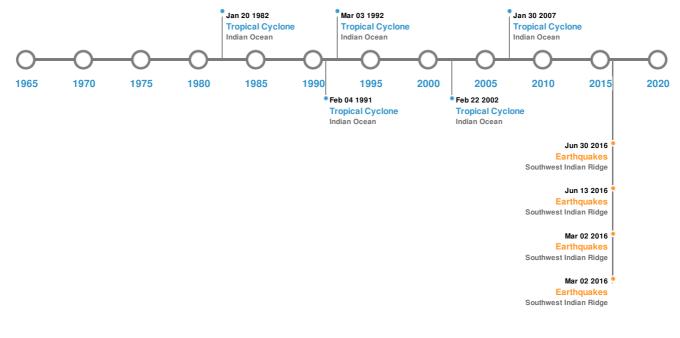
No significant land or population areas exist within the current map extent. Please use http://atlas.pdc.org/atlas/ for dynamic mapping capabilities of this hazard.

#### **Risk & Vulnerability**

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No significant land or population areas exist within the current map extent. Please use http://atlas.pdc.org/atlas/ for dynamic mapping capabilities of this hazard. 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:**

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	02-Mar-2016 16:34:15	5.40	15.56	Southwest Indian Ridge	31.09° S/59.08° E
	02-Mar-2016 16:34:15	5.40	15.56	Southwest Indian Ridge	31.09° S/59.08° E
	30-Jun-2016 12:20:19	5.10	10	Southwest Indian Ridge	29.12° S/61.12° E
	13-Jun-2016 13:48:28	4.60	14.55	Southwest Indian Ridge	29.04° S/61.1° E

Source: Earthquakes

# **Tropical Cyclones:**

5 Largest Tropical Cyclones							
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long	
٢	1991-01-13	13-Jan-1991 06:00:00 - 04-Feb-1991 12:00:00	150	No Data	Indian Ocean	20.29° S/78.05° E	
٢	1992-02-23	24-Feb-1992 00:00:00 - 04-Mar-1992 00:00:00	138	No Data	Indian Ocean	19.64° S/90.4° E	
٢	GUILLAUME	16-Feb-2002 06:00:00 - 22-Feb-2002 18:00:00	138	No Data	Indian Ocean	20.59° S/57.95° E	

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
٢	1982-01-06	06-Jan-1982 06:00:00 - 20-Jan-1982 18:00:00	138	No Data	Indian Ocean	19.99° S/80.65° E
٢	DORA	29-Jan-2007 06:00:00 - 09-Feb-2007 06:00:00	132	No Data	Indian Ocean	18.1° S/65.3° E

Source: Tropical Cyclones

### **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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