



## 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:

### Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		21-Oct-2018 02:01:36	5.9	10	Southwest Indian Ridge	29.53° S / 60.7° E

Source: [PDC](#)

## 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

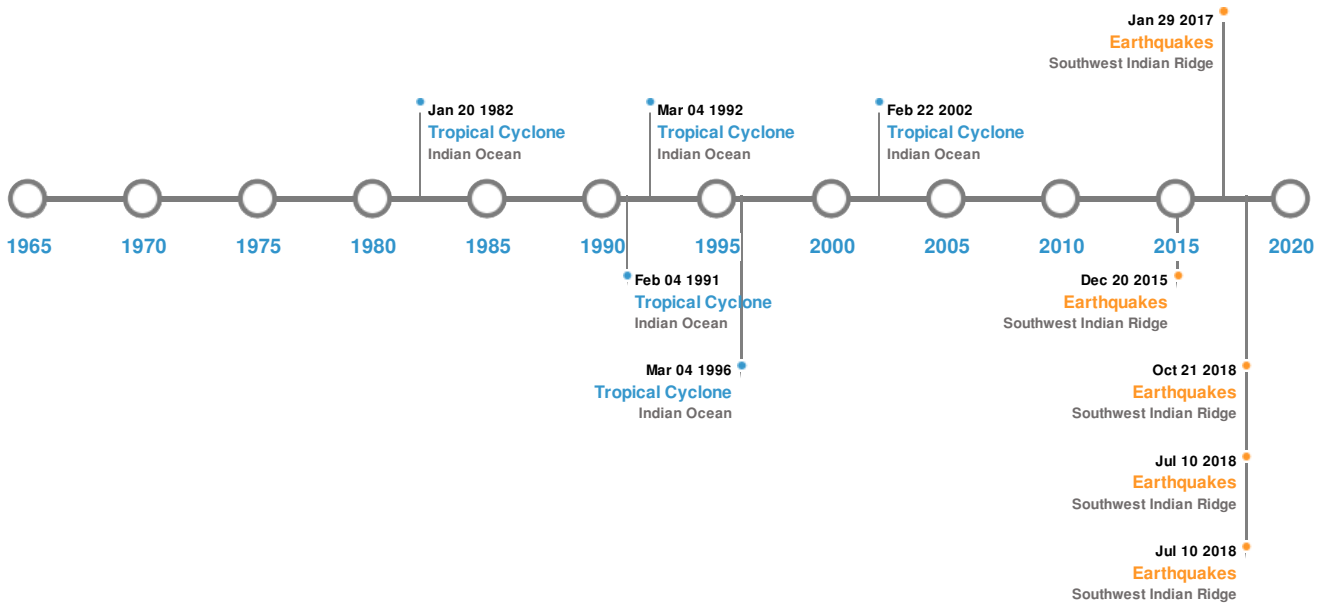
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## Historical Hazards






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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
	21-Oct-2018 01:40:37	5.90	10	Southwest Indian Ridge	29.53° S / 60.7° E
	29-Jan-2017 16:42:27	5.80	10	Southwest Indian Ridge	29.2° S / 61.24° E
	10-Jul-2018 16:05:09	5.60	10	Southwest Indian Ridge	31.6° S / 58.13° E
	10-Jul-2018 10:26:21	5.60	10	Southwest Indian Ridge	31.59° S / 58.35° E
	20-Sep-2016 01:31:40	5.40	14.66	Southwest Indian Ridge	30.94° S / 59° 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
	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
		16-Feb-2002 06:00:00 - 22-Feb-2002				

Event	GUILLAUME Name	18:00:00 Start/End Date(UTC)	138 Max Wind Speed (mph)	No Data Min Pressure (mb)	Indian Ocean Location	20.59° S / 57.95° E Lat/Long
	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
	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
	1996-02-26	26-Feb-1996 06:00:00 - 04-Mar-1996 06:00:00	132	No Data	Indian Ocean	20.19° S / 66.55° E

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.

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