



भारत सरकार/Government of India  
पृथ्वी विज्ञान मंत्रालय / Ministry of Earth Sciences  
भारत मौसम विज्ञान विभाग / India Meteorological Department  
मौसम विज्ञान केंद्र, गोवा / Meteorological Centre, Goa  
आलतिनों पणजी -403001/ Altinho Panaji -403001  
वेबसाइट/ Website: <https://mausam.imd.gov.in/goa/>






Dated: 17-06-2024  
Time of Issue: 1430 Hrs IST

## IMPACT BASED FORECAST FOR GOA STATE

### 1. WEATHER FORECAST AND WARNINGS FOR DISTRICTS OF GOA

#### A. North Goa and South Goa

DAY	Distribution	Colour code	पूर्वानुमान Forecast	चेतावनी Warning
दिन १/ DAY 1 17/06/2024	Most Places		• Light to Moderate rain very likely over North Goa & South Goa districts of the state.	❖ Heavy rainfall is very likely at isolated places over North Goa & South Goa districts of the state.
दिन २/ DAY 2 18/06/2024	Most Places		• Light to Moderate rain very likely over North Goa & South Goa districts of the state.	❖ Heavy rainfall is very likely at isolated places over North Goa & South Goa districts of the state.
दिन ३/ DAY 3 19/06/2024	Most Places		• Light to Moderate rain very likely over North Goa & South Goa districts of the state.	❖ Heavy rainfall is very likely at isolated places over North Goa & South Goa districts of the state.
दिन ४/ DAY 4 20/06/2024	Most Places		• Light to Moderate rain very likely over North Goa & South Goa districts of the state.	❖ Heavy rainfall is very likely at isolated places over North Goa & South Goa districts of the state.

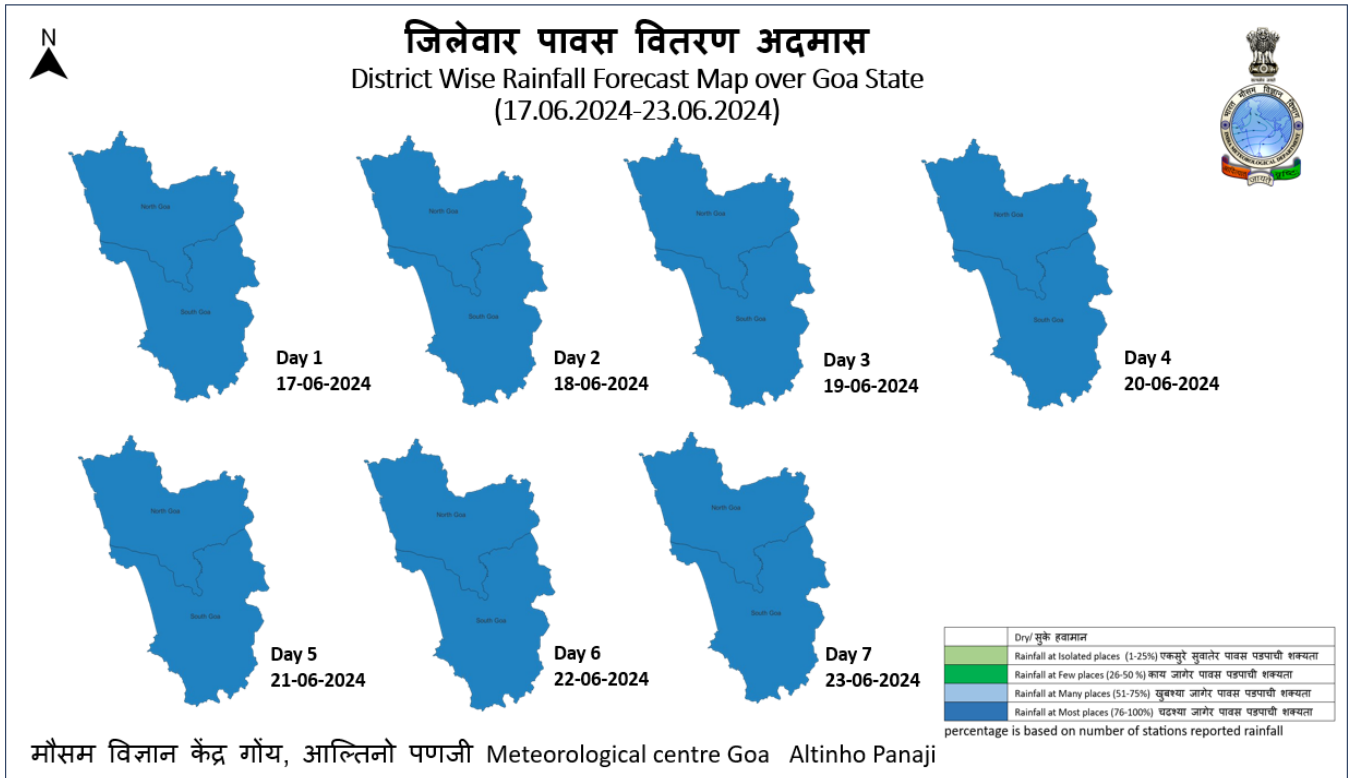
दिन ५/ DAY 5 21/06/2024	Most Places		• Light to Moderate rain very likely over North Goa & South Goa districts of the state.	❖ Heavy rainfall is very likely at isolated places over North Goa & South Goa districts of the state.
दिन ६/ DAY 6 22/06/2024	Most Places		• Light to Moderate rain very likely over North Goa & South Goa districts of the state.	
दिन ७/ DAY 7 23/06/2024	Most Places		• Light to Moderate rain very likely over North Goa & South Goa districts of the state.	

**Legends**

Green: No warning Yellow: Be updated Orange- Be prepared Red- Take action

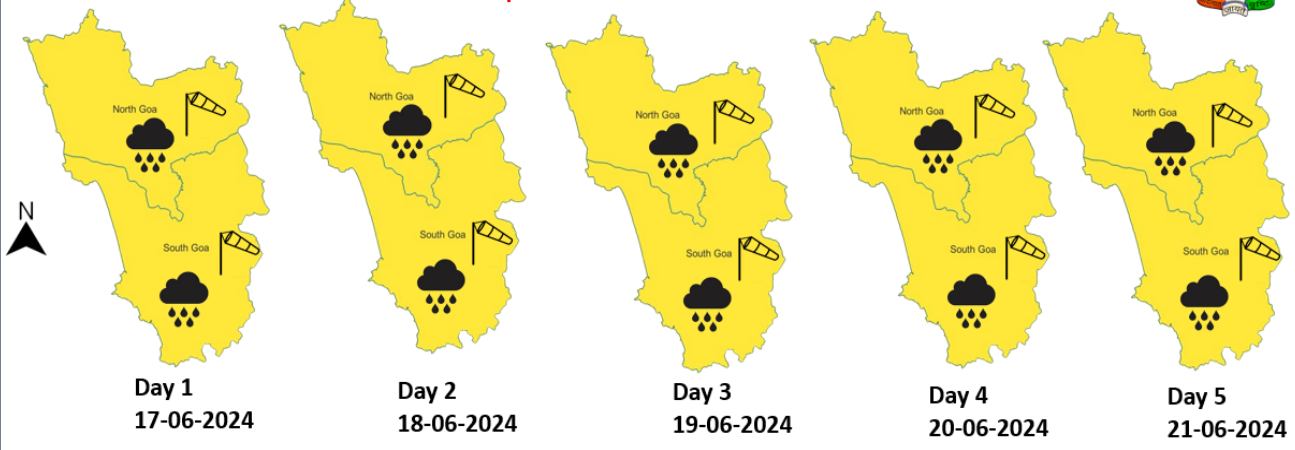
Probability of Occurrence (%): Unlikely:<25%; Likely:25-50%; Very Likely:50-75%; Most Likely:> 75%

Dry (0 stations)	Isolated (< 25% stations)	Few (25-50% stations)	Many (51-75% stations)	Most places (≥ 75% stations)
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जिलेवार पावसाची पूर्व शिटकावणी  
District wise Warning Maps over Goa State  
(17.06.2024-21.06.2024)

Updated on 17-06-2024



	Gusty winds 30-40 kmph at isolated places.
	Heavy rainfall is very likely at isolated places over North Goa & South Goa districts on 17 <sup>th</sup> , 18 <sup>th</sup> , 19 <sup>th</sup> , 20 <sup>th</sup> & 21 <sup>th</sup> June 2024.

Warning Colour Codes	नोंकणी
WARNING (TAKE ACTION)	वेतकावणी शिटकावणी
ALERT (BE PREPARED)	सतर्क असावे/ तयार राहूये
WATCH (BE UPDATED)	लक्ष असावे/ सादर राहूये
NO WARNING (NO ACTION)	धोम्याची सूचना नाही/ शिटकावणी ना

**2. FISHERMEN WARNING FOR MAHARASHTRA-GOIA COAST ISSUED AT 1430 IST ON DATE: 17-06-2024:**

SN	Weather parameters	Remarks
1	<b>WARNING FOR COASTAL AREAS FOR NORTH MAHARASHTRA COAST (UPTO 75KM FROM THE COAST)</b>	<b>SQUALLY WEATHER WITH WIND SPEED 35 KMPH TO 45 KMPH GUSTING TO 55 KMPH LIKELY TO PREVAIL ALONG AND OFF NORTH MAHARASHTRA COAST ON 20TH AND 21ST JUNE.</b> <b>FISHERMEN ARE ADVISED NOT TO VENTURE ALONG &amp; OFF SOUTH MAHARASHTRA-GOIA COAST DURING ABOVE MENTIONED PERIOD.</b>
2	<b>WARNING FOR COASTAL AREAS FOR SOUTH MAHARASHTRA-GOIA COAST (UPTO 75KM FROM THE COAST)</b>	<b>SQUALLY WEATHER WITH WIND SPEED 35 KMPH TO 45 KMPH GUSTING TO 55 KMPH LIKELY TO PREVAIL ALONG AND OFF SOUTH MAHARASHTRA-GOIA COAST ON 20TH AND 21ST JUNE</b> <b>FISHERMEN ARE ADVISED NOT TO VENTURE ALONG &amp; OFF SOUTH MAHARASHTRA-GOIA COAST DURING ABOVE MENTIONED PERIOD.</b>

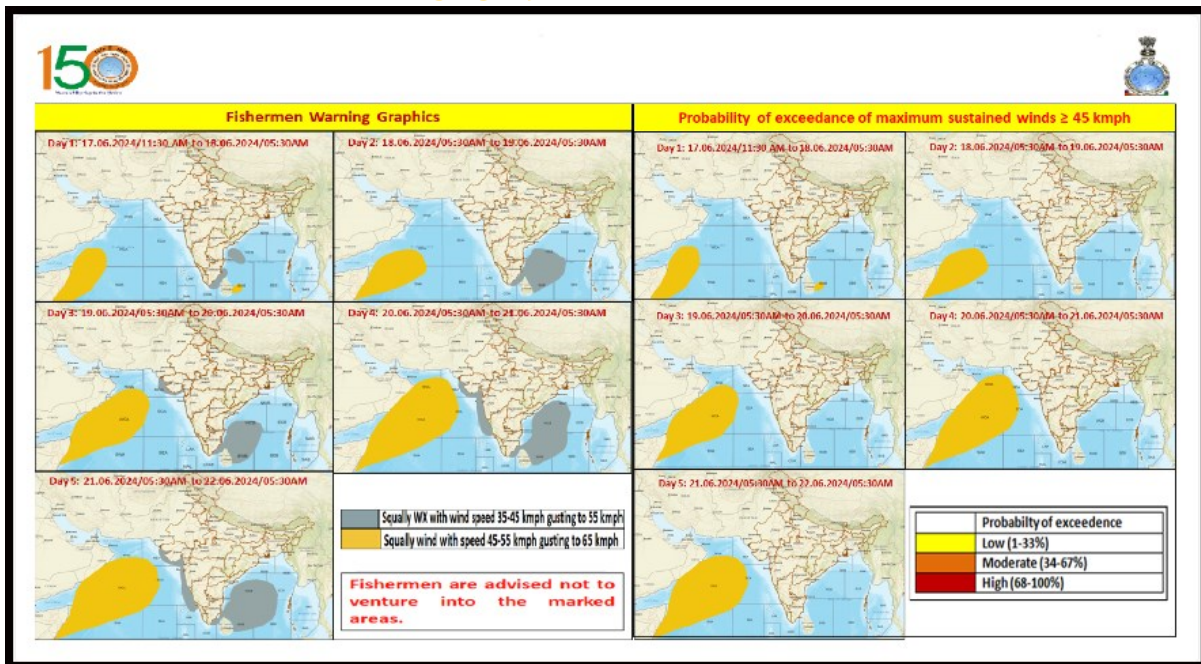
4	HIGH WAVE WARNING FROM INCOIS:	Goa: Nil
5	PORT WARNING FOR MAHARASHTRA - GOA COAST	Nil

### 3. WRNING FOR HIGH SEA AND OTHER COASTS (BEYOND 75KM FROM THE COAST) ISSUED AT 1430 IST ON DATE: 17.06.2024

DAY	DATE	WARNING
दिन १/ DAY 1	17/06/2024	<ul style="list-style-type: none"> <li>• SQUALLY WEATHER WITH WIND SPEED 35 KMPH TO 45 KMPH GUSTING TO 55 KMPH LIKELY TO PREVAIL OVER GULF OF MANNAR</li> <li>• SQUALLY WIND WITH WIND SPEED 45 KMPH TO 55 KMPH GUSTING TO 65 KMPH LIKELY TO PREVAIL ALONG AND OFF SOMALIA COAST</li> <li>• <b>FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.</b></li> </ul>
दिन २/ DAY 2	18/06/2024	<ul style="list-style-type: none"> <li>• SQUALLY WEATHER WITH WIND SPEED 35 KMPH TO 45 KMPH GUSTING TO 55 KMPH LIKELY TO PREVAIL OVER GULF OF MANNAR..</li> <li>• SQUALLY WIND WITH WIND SPEED 45 KMPH TO 55 KMPH GUSTING TO 65 KMPH LIKELY TO PREVAIL ALONG AND OFF SOMALIA COAST, SOUTHWEST AND ADJOINING WEST CENTRAL ARABIAN SEA .</li> <li>• <b>FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.</b></li> </ul>
दिन ३/ DAY 3	19/06/2024	<ul style="list-style-type: none"> <li>• SQUALLY WEATHER WITH WIND SPEED 35 KMPH TO 45 KMPH GUSTING TO 55 KMPH LIKELY TO PREVAIL ALONG AND OFF GUJARAT COAST AND GULF OF MANNAR,</li> <li>• SQUALLY WIND WITH WIND SPEED 45 KMPH TO 55 KMPH GUSTING TO 65 KMPH LIKELY TO PREVAIL ALONG AND OFF SOMALIA COAST, SOUTHWEST, WEST CENTRAL ARABIAN SEA AND ADJOINING NORTHWEST ARABIAN SEA.</li> <li>• <b>FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.</b></li> </ul>
दिन ४/ DAY 4	20/06/2024	<ul style="list-style-type: none"> <li>• SQUALLY WEATHER WITH WIND SPEED 35 KMPH TO 45 KMPH GUSTING TO 55 KMPH LIKELY TO PREVAIL ALONG AND OFF GUJARAT COAST , KARNATAKA COAST AND GULF OF MANNAR.</li> <li>• SQUALLY WIND WITH WIND SPEED 45 KMPH TO 55 KMPH GUSTING TO 65 KMPH LIKELY TO PREVAIL ALONG AND OFF SOMALIA COAST, SOUTHWEST, WEST CENTRAL ARABIAN SEA AND ADJOINING NORTH ARABIAN SEA.</li> </ul>

		<ul style="list-style-type: none"> <li><b>FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.</b></li> </ul>
<b>दिन ५/ DAY 5</b>	<b>21/06/2024</b>	<ul style="list-style-type: none"> <li><b>SQUALLY WEATHER WITH WIND SPEED 35 KMPH TO 45 KMPH GUSTING TO 55 KMPH LIKELY TO PREVAIL ALONG AND OFF GUJARAT COAST , KARNATAKA COAST AND GULF OF MANNAR.</b></li> <li><b>SQUALLY WIND WITH WIND SPEED 45 KMPH TO 55 KMPH GUSTING TO 65 KMPH LIKELY TO PREVAIL ALONG AND OFF SOMALIA COAST, OMAN COAST , SOUTHWEST, WEST CENTRAL ARABIAN SEA AND ADJOINING EAST AND NORTH ARABIAN SEA.</b></li> <li><b>FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.</b></li> </ul>

#### 4. Fishermen Warnings graphics



## Probable impact of Heavy rainfall activity over Panaji city, North Goa and South Goa Districts during 18<sup>th</sup> & 19<sup>th</sup> June 2024

- Possibility of Cloud to ground lightning
- Some pooling of water on roads and low lying areas
- Rough sea conditions along the coast
- Possibility of traffic congestions
- Short term water logging/inundation on roads and low lying areas
- Possibility of water inundation on agriculture fields
- Fall of weak trees and weak structures, trees may uproot, breaking of branches and major damage to horticulture crops
- Localized and short-term disruption to municipal services (water, electricity, etc.)
- Temporary fall in visibility during intense spells of rain
- Community services may be affected

Green: No warning Yellow: Be updated Orange- Be prepared Red- Take action

Probability of Occurrence (%): Unlikely:<25%; Likely:25-50%; Very Likely:50-75%; Most Likely:> 75%

### Action suggested

- Follow traffic advisories issued, if any.
- Avoid staying in vulnerable structure.
- Avoid going to the areas that face flooding/landslides problems.

- **Tourist will have to be prevented from entering sea.**
- **Short term stoppage of ferry services during intense rainfall spells.**
- **People may shift from low lying areas to safer place.**
- **Avoid going to areas that faces water logging problems often.**
- **Check for traffic congestion on your route especially to the central parts of the city before start your journey.**
- **Stay indoors, close windows & doors and avoid travel if possible.**
- **Take safe shelters, do not take shelter under trees.**
- **Do not lie on concrete floors and do not lean against concrete walls.**
- **Unplug electrical/ electronic appliances.**
- **Immediately get out of water bodies.**
- **Keep away from all the objects that conduct electricity.**
- **Farming operations may be suspended during the event.**
- **Avoid grazing of animals in open field.**



**Legends:-**

\* Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

<b>Intensity of Rainfall</b>		<b>हिन्दी / मराठी</b>
Very Light	0.1 to 2.4 mm	बहुत हल्की वर्षा / खूप हल्का पाऊस
Light	2.5 - 15.5 mm	हल्की वर्षा / हल्का पाऊस
Moderate	15.6 - 64.4 mm	मध्यम वर्षा / मध्यम पाऊस

Heavy	64.5 - 115.5 mm	भारी वर्षा / जोरदार पाऊस
Very Heavy	115.6 - 204.4 mm	बहुत भारी वर्षा / खूप जोरदार पाऊस
Extremely Heavy	≥ 204.5 mm	अत्याधिक भारी वर्षा / अत्यंत जोरदार पाऊस
Exceptionally Heavy	When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall amount exceeds 12 cm	असाधारण भारी वर्षा / असामान्य जोरदार पाऊस

<b>Probability of Occurrence (%)</b>	<b>हिन्दी</b>	<b>मराठी</b>
Unlikely	संभावना नहीं	शक्यता नाही
Likely (26-50% probability)	संभावित	संभाव्य / शक्य
Very Likely (51-75% probability)	अधिक संभावना	अधिक शक्यता
Most Likely (Greater than 75% probability)	अत्याधिक संभावना	अत्याधिक शक्यता

<b>Warning Colour Codes</b>	<b>हिन्दी</b>	<b>मराठी</b>
<b>WARNING (TAKE ACTION)</b>	<b>चेतावनी</b>	<b>चेतावणी</b>
<b>ALERT (BE PREPARED)</b>	<b>सतर्क रहें</b>	<b>सतर्क असावे</b>
<b>WATCH (BE UPDATED)</b>	<b>निगरानी रखें</b>	<b>लक्षं असावे</b>
<b>NO WARNING (NO ACTION)</b>	<b>कोई चेतावनी नहीं</b>	<b>धोक्याची सूचना नाही</b>