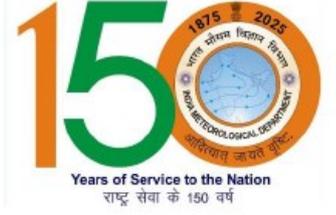




भारत सरकार/Government of India  
पृथ्वी विज्ञान मंत्रालय / Ministry of Earth Sciences  
भारत मौसम विज्ञान विभाग / India Meteorological Department  
मौसम विज्ञान केंद्र, गोवा / Meteorological Centre, Goa  
आलतिनों पणजी -403001/ Altinho Panaji -403001  
वेबसाइट/ Website: <https://mausam.imd.gov.in/goa/>



Dated: 26-07-2024  
Time of Issue: 1430 Hrs IST

## FISHERMEN WARNINGS AND STATE WEATHER WARNING 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 26/07/2024	Most Places		• Moderate rainfall very likely at most places over North Goa & South Goa districts of the state.	❖ Heavy rainfall very likely at a few places with very heavy rainfall very likely at isolated places with strong surface winds over North Goa & South Goa districts.
दिन २/ DAY 2 27/07/2024	Most Places		• Moderate rainfall very likely at most places over North Goa & South Goa districts of the state.	❖ Heavy rainfall very likely at a few places with very heavy rainfall very likely at isolated places with strong surface winds over North Goa & South Goa districts.
दिन ३/ DAY 3 28/07/2024	Most Places		• Moderate rainfall very likely at most places over North Goa & South Goa districts of the state.	❖ Heavy rainfall very likely at isolated places with strong surface winds over North Goa & South Goa districts.
दिन ४/ DAY 4 29/07/2024	Most Places		• Moderate rainfall very likely at most places over North Goa & South Goa districts of the state.	❖ Heavy rainfall very likely at isolated places with strong surface winds over North Goa & South Goa districts.

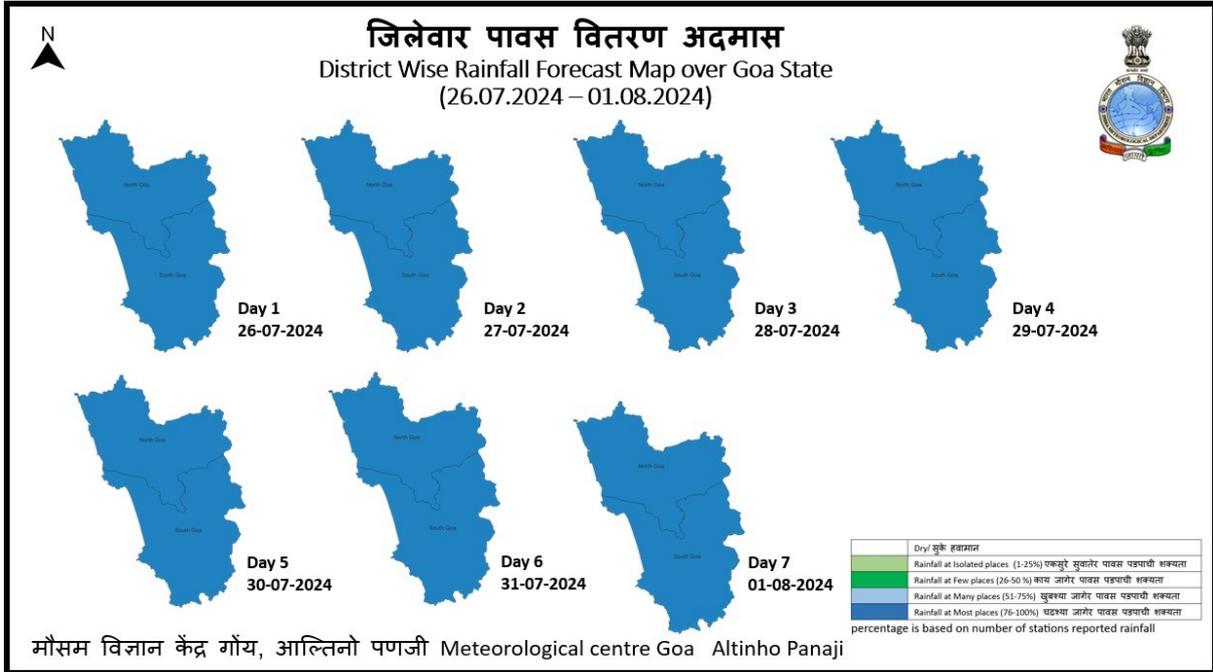
दिन ५/ DAY 5 30/07/2024	Most Places		<ul style="list-style-type: none"> <li>Moderate rainfall very likely at most places over North Goa &amp; South Goa districts of the state.</li> </ul>	❖ Heavy rainfall very likely at isolated places with strong surface winds over North Goa & South Goa districts.
दिन ६/ DAY 6 31/07/2024	Most Places		<ul style="list-style-type: none"> <li>Moderate rainfall very likely at most places over North Goa &amp; South Goa districts of the state.</li> </ul>	
दिन ७/ DAY 7 01/08/2024	Most Places		<ul style="list-style-type: none"> <li>Moderate rainfall very likely at most places over North Goa &amp; South Goa districts of the state.</li> </ul>	

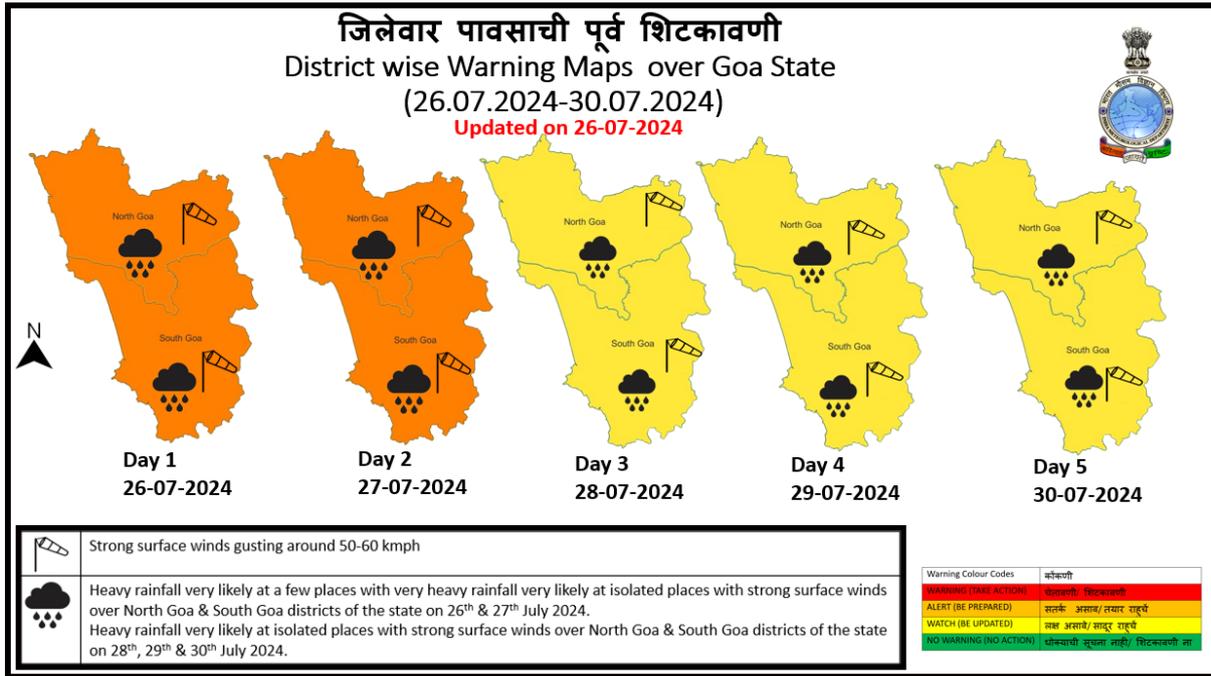
**Legends**

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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## 2. FISHERMEN WARNING FOR MAHARASHTRA-GOIA COAST ISSUED AT 1430 IST ON DATE: 26-07-2024:

SN	WEATHER PARAMETER	WARNING
1	<b>WARNING FOR COASTAL AREAS FOR NORTH-MAHARASHTRA COAST (UPTO 75KM FROM THE COAST)</b>	<p>Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 Kmph likely to prevail along and off North Maharashtra coast on 26th and 27th July 2024.</p> <p>Squally weather with wind speed reaching 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off North Maharashtra coast on 28th July 2024.</p> <p><b>FISHERMEN ARE ADVISED NOT TO VENTURE ALONG &amp; OFF NORTH MAHARASHTRA COAST DURING ABOVE MENTIONED PERIOD.</b></p>
2	<b>WARNING FOR COASTAL AREAS FOR SOUTH MAHARASHTRA-GOIA COAST (UPTO 75KM FROM THE COAST)</b>	<p>Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 Kmph likely to prevail along and off South MaharashtraGoa coast on 26th and 27th July 2024.</p> <p>Squally weather with wind speed reaching 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off South MaharashtraGoa coast on 28th July 2024.</p> <p><b>FISHERMEN ARE ADVISED NOT TO VENTURE ALONG &amp; OFF SOUTH MAHARASHTRA-GOIA COAST DURING ABOVE MENTIONED PERIOD.</b></p>

3	HIGH WAVE WARNING FROM INCOIS: GOA	<p><b>GOA: -</b></p> <p><b>HIGH WAVE WARNING FOR THE COAST OF NORTH GOA-</b> High Wave Warning for the coast of NORTH GOA, GOA from Chapora to Panaji (Malim). High waves in the range of 3.9 - 4.1 meters are forecasted during 17:30 hours on 25-07-2024 to 23:30 hours on 27-07-2024.</p> <p><b>HIGH WAVE WARNING FOR THE COAST OF SOUTH GOA-</b> High Wave Warning for the coast of SOUTH GOA, GOA from Santerem Pt (Vasco) To Kolamb. High waves in the range of 3.8 - 4.0 meters are forecasted during 17:30 hours on 25-07-2024 to 23:30 hours on 27-07-2024.</p>
4	PORT WARNING FOR MAHARASHTRA - GOA COAST	<ul style="list-style-type: none"> <li>• Due to steep pressure gradient squally weather with wind speed 45-55 kmph gusting 65 kmph very likely to prevail along and off Maharashtra Goa coasts. Keep hoisted Local cautionary signal no. -III ( L C - III ) at all ports from Dahanu to Marmugao off Maharashtra _Goa coast.</li> </ul>

### 3. WARNING FOR HIGH SEA AND OTHER COASTS (BEYOND 75KM FROM THE COAST) ISSUED AT 1430 IST ON DATE: 26-07-2024:

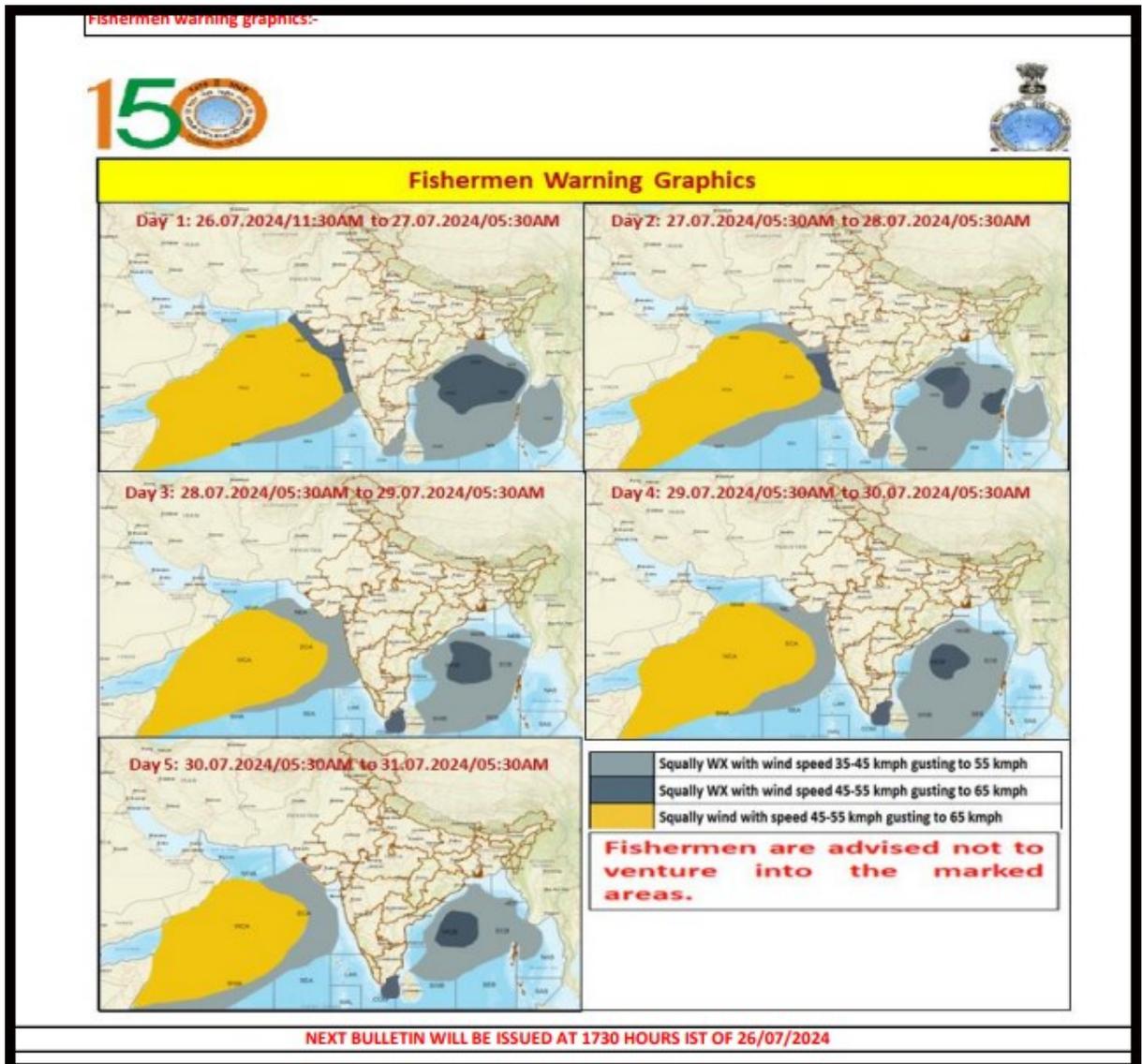
DAY	DATE	WARNING
दिन १/ DAY 1	26/07/2024	<ul style="list-style-type: none"> <li>• Squally weather with wind speed reaching 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over North East and adjoining Northwest Arabian Sea, most parts of East central &amp; many parts of West Central Arabian Sea, Northern parts of Southeast and Southwest Arabian Sea, along and off Karnataka, coast, over Lakshadweep area, Gulf of Mannar,</li> <li>• Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 Kmph likely to prevail along and off Gujarat coast.</li> <li>• Squally winds with speed reaching 45 kmph to 55 kmph gusting to 65 kmph Likely to prevail over Central Arabian Sea &amp; adjoining areas of Southeast and Southwest Arabian Sea, southern parts of North Arabian Sea, along &amp; off Somalia &amp; Oman coasts.</li> <li>• <b>FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.</b></li> </ul>

<p>दिन 2/ DAY 2</p>	<p>27/07/2024</p>	<ul style="list-style-type: none"> <li>• Squally weather with wind speed reaching 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over North East and adjoining Northwest Arabian Sea, most parts of East central &amp; many parts of West Central Arabian Sea, Northern parts of Southeast and Southwest Arabian Sea, along and off Karnataka, coast, over Lakshadweep area, Gulf of Mannar,</li> <li>• Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 Kmph likely to prevail along and off Gujarat coast.</li> <li>• Squally winds with speed reaching 45 kmph to 55 kmph gusting to 65 kmph Likely to prevail over Central Arabian Sea &amp; adjoining areas of Southeast and Southwest Arabian Sea, southern parts of North Arabian Sea, along &amp; off Somalia &amp; Oman coasts.</li> <li>• <b>FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.</b></li> </ul>
<p>दिन 3/ DAY 3</p>	<p>28/07/2024</p>	<ul style="list-style-type: none"> <li>• Squally weather with wind speed reaching 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over North East and adjoining Northwest Arabian Sea, most parts of East central &amp; many parts of West Central Arabian Sea, Northern parts of Southeast and Southwest Arabian Sea, along and off Karnataka, coast, over Lakshadweep area, Gulf of Mannar,</li> <li>• Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 Kmph likely to prevail along and off Gujarat coast.</li> <li>• Squally winds with speed reaching 45 kmph to 55 kmph gusting to 65 kmph Likely to prevail over Central Arabian Sea &amp; adjoining areas of Southeast and Southwest Arabian Sea, southern parts of North Arabian Sea, along &amp; off Somalia &amp; Oman coasts.</li> <li>• <b>FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.</b></li> </ul>
<p>दिन 4/ DAY 4</p>	<p>29/07/2024</p>	<ul style="list-style-type: none"> <li>• Squally weather with wind speed reaching 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over North East and adjoining Northwest Arabian Sea, most parts of East central &amp; many parts of West Central Arabian Sea, Northern parts of Southeast and Southwest Arabian Sea, along and off Karnataka, coast, over Lakshadweep area, Gulf of Mannar,</li> <li>• Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 Kmph likely to prevail along and off Gujarat coast.</li> <li>• Squally winds with speed reaching 45 kmph to 55 kmph gusting to 65 kmph Likely to prevail over Central Arabian Sea &amp; adjoining areas of Southeast and Southwest Arabian Sea, southern parts of North Arabian Sea, along &amp; off Somalia &amp; Oman coasts.</li> <li>• <b>FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.</b></li> </ul>
<p>दिन 5/ DAY 5</p>	<p>30/07/2024</p>	<ul style="list-style-type: none"> <li>• Squally weather with wind speed reaching 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over Southern parts of North Arabian Sea, most parts of East central &amp; many parts of West central Arabian sea, Northern parts of Southeast and Southwest Arabian Sea, along and off north Gujarat coast,</li> </ul>

- **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 Kmph likely to prevail over Gulf of Mannar. Squally winds with speed reaching 45 kmph to 55 kmph gusting to 65 kmph Likely to prevail over Central Arabian Sea & adjoining areas of Southeast and Southwest Arabian Sea, Southern parts of North Arabian Sea, along & off Somalia & Oman coasts.**

**FISHERMEN ARE ADVISED NOT TO VENTURE INTO THESE AREAS DURING ABOVE MENTIONED PERIOD.**

## 4. Fishermen Warnings graphics



## **Probable impact of heavy rainfall on North Goa and South Goa**

### **General**

- **Visibility may become poor due to intense spell of rainfall leading to traffic congestion.**
- **Temporary Disruption of traffic due to water logging in roads / leading to increased travel time.**
- **Uprooting of trees may cause damages to power sector.**
- **Possibility of damages to vulnerable structures due to heavy to very heavy rain.**
- **Partial Damages to Kutcha Houses and Huts due to uprooting of trees.**
- **Possibilities of Flash floods due to intense spell of rainfall.**
- **Water logging / flooding in some parts of low-lying areas.**
- **Landslides/mud slide/land slip very likely.**
- **Heavy rainfall may damage the standing crops and vegetables in the maturity stage.**
- **Lightning may injure people and cattle at open place.**
- **Dispersion of soil from the field and hence seed displacement and poor germination of seeds.**
- **Major Towns and City central will be Flooded.**
- **Flooding on major roads leads to traffic congestion.**
- **Short to long duration pumping required to remove excess water from low lying areas of Panaji city.**
- **Water logging in low lying areas.**
- **Localized flooding of roads and closure of underpasses in some localities.**
- **Community services like electricity, water etc. may affect.**
- **Power outage in some localities.**
- **Drain may overflow.**
- **Vulnerable structures may damage.**
- **Major damage to Kutch houses/roads/walls and huts.**

- **Slum areas along railway track, river and drain may severely affect.**
- **It may lead to riverine flooding in the catchment areas.**
- **Damage to horticulture crop, plantation and Kharif crops like rice, maize, vegetables etc.**
- **Rain may lead to crop lodging, so can destroy crop and quality of grain may also affect in the above areas.**
- **Landslides/mudslides and Damage to houses/Loss of life/ Falling of Trees**

## **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

Intensity of Rainfall		हिन्दी / मराठी
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	अत्यधिक 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

Probability of Occurrence (%)	हिन्दी	मराठी
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

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