



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/>



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Special bulletin - 2








Increase in Southwest monsoon rainfall activity over Goa

Increase in Southwest monsoon rainfall activity over Goa

- ❖ The shear zone now runs roughly along 16°N between 3.1 km & 5.8 km above mean sea level.
- ❖ Under the influence of the east west oriented shear zone, rainfall activity is very likely to increase in the coming days over North & South Goa.
- ❖ Heavy rainfall (rainfall>64.4mm in 24 hrs) to very heavy rainfall (rainfall>115.5mm in 24 hrs) is very likely at isolated places on 07th June 2024. Heavy rainfall is very likely at a few places with very heavy rainfall at isolated places is very likely over both the North & South Goa districts on 8th June 2024. Heavy to very heavy rainfall is very likely at a few places on 09th, 10th & 11th June 2024. Short intense spells and winds gusting to around 50kmph likely along with the rainfall spells.
- ❖ Widespread rainfall with thunderstorm/lightning very likely over North & South Goa districts on 07th June 2024.

WEATHER FORECAST AND WARNINGS FOR DISTRICTS OF GOA

DAY	Distribution	Colour code	पूर्वानुमान Forecast	चेतावनी Warning
दिन १/ DAY 1 07/06/2024	Most Places		• Light to Moderate rain/ thundershowers is very likely over North Goa & South Goa districts of the state.	❖ Thunderstorm accompanied with lightning & winds gusting to 40-50 kmph very likely at isolated places over North

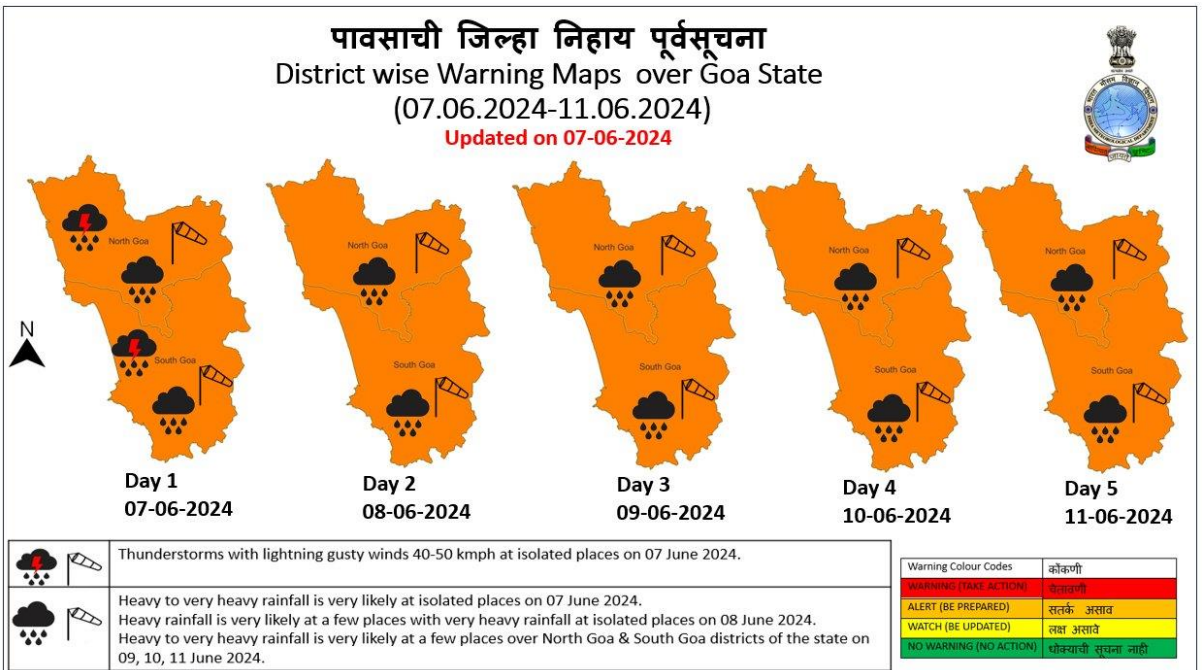
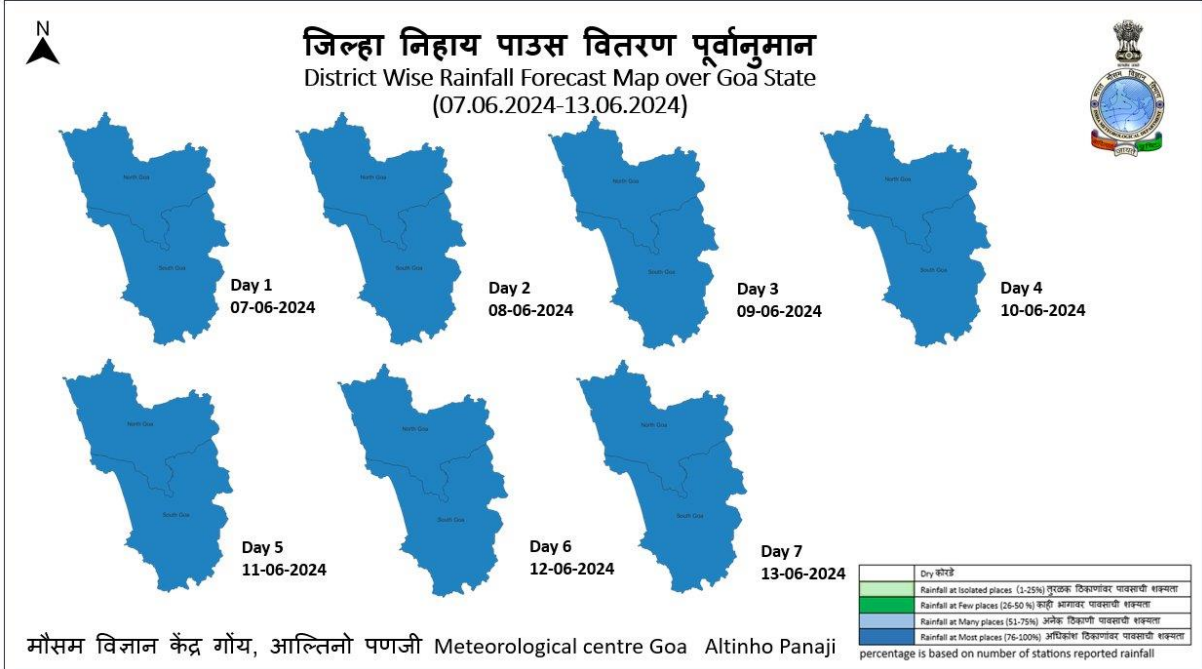
				Goa & South Goa districts of the state. ❖ Heavy to very heavy rainfall is very likely at isolated places over North Goa & South Goa districts of the state.
दिन २/ DAY 2 08/06/2024	Most Places		• Moderate to heavy rainfall very likely over North Goa & South Goa districts of the state.	❖ Heavy rainfall is very likely at a few places with very heavy rainfall at isolated places over North Goa & South Goa districts of the state.
दिन ३/ DAY 3 09/06/2024	Most Places		• Moderate to heavy rainfall very likely over North Goa & South Goa districts of the state.	❖ Heavy to very heavy rainfall is very likely at a few places over North Goa & South Goa districts of the state.
दिन ४/ DAY 4 10/06/2024	Most Places		• Moderate to heavy rainfall very likely over North Goa & South Goa districts of the state.	Heavy to very heavy rainfall is very likely at a few places over North Goa & South Goa districts of the state.
दिन ५/ DAY 5 11/06/2024	Most Places		• Moderate to heavy rainfall very likely over North Goa & South Goa districts of the state.	Heavy to very heavy rainfall is very likely at a few places over North Goa & South Goa districts of the state.
दिन ६/ DAY 6 12/06/2024	Most Places		• Light to Moderate rain is very likely over North Goa & South Goa districts of the state.	
दिन ७/ DAY 7 13/06/2024	Most Places		• Light to Moderate rain is 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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Possible Impact of Heavy to very heavy rainfall during the forecasting period

- Possibility of Cloud to ground lightning
- Some pooling of water on roads and low lying areas
- Localized mudslides
- Rough sea conditions along the coast
- Possibility of traffic congestions
- Short term water logging/flooding of roads and low lying areas leading water entering homes and shops at areas such as 18th June road, Patto, Mala, Talegao and other vulnerable areas.
- Roofing sheets may get dislocated in strong winds
- 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)
- Temporary fall in visibility during intense spells of rain
- Community services may be affected

During heavy rainfall or flood like situations:

- Avoid staying near weak trees/structures or areas vulnerable for landslides/rock falls
- Do not drive into flooded areas. Follow traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Take safety measures while dealing with electric power.

Strong winds and rough sea conditions:

- Beach sports activities may be regulated or stopped.
- Tourists should not be permitted to enter sea while rough sea conditions prevail

Possible Impact of Thunderstorm and lightning with winds during the forecasting period

- 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
- Localized and short-term disruption to municipal services (water, electricity, etc.)
- Temporary fall in visibility during intense spells of rain

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The warnings are issued based on latest observations and numerical weather prediction model guidance. **Please be regularly updated with the latest warnings and forecasts issued by IMD in coming days as the warning colours may be upgraded.**

3 days' impact based forecast available at:

<https://mausam.imd.gov.in/goa/mcdata/ibf.pdf>

Daily weather forecast is available at:

<https://mausam.imd.gov.in/goa/mcdata/dwr1.pdf>

Weather & Fishermen warnings are available at:

<https://mausam.imd.gov.in/goa/mcdata/warnings.pdf>

For latest weather updates, kindly visit the IMD Goa website

<https://mausam.imd.gov.in/goa/>

**Meteorological Centre Goa
India Meteorological Department
Altinho, Panaji, Goa 403001
India
Email: mc.goa@imd.gov.in**