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GOVERNMENT OF INDIA
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Thursday 03rd July 2025

EXTENDED RANGE FORECAST FOR JHARKHAND

(Current weather status & outlook for next two weeks from 04th July, 2025 – 17th July, 2025)

1. Main synoptic features that affected the weather of the state of Jharkhand (26th June, 2025 – 02nd July, 2025):

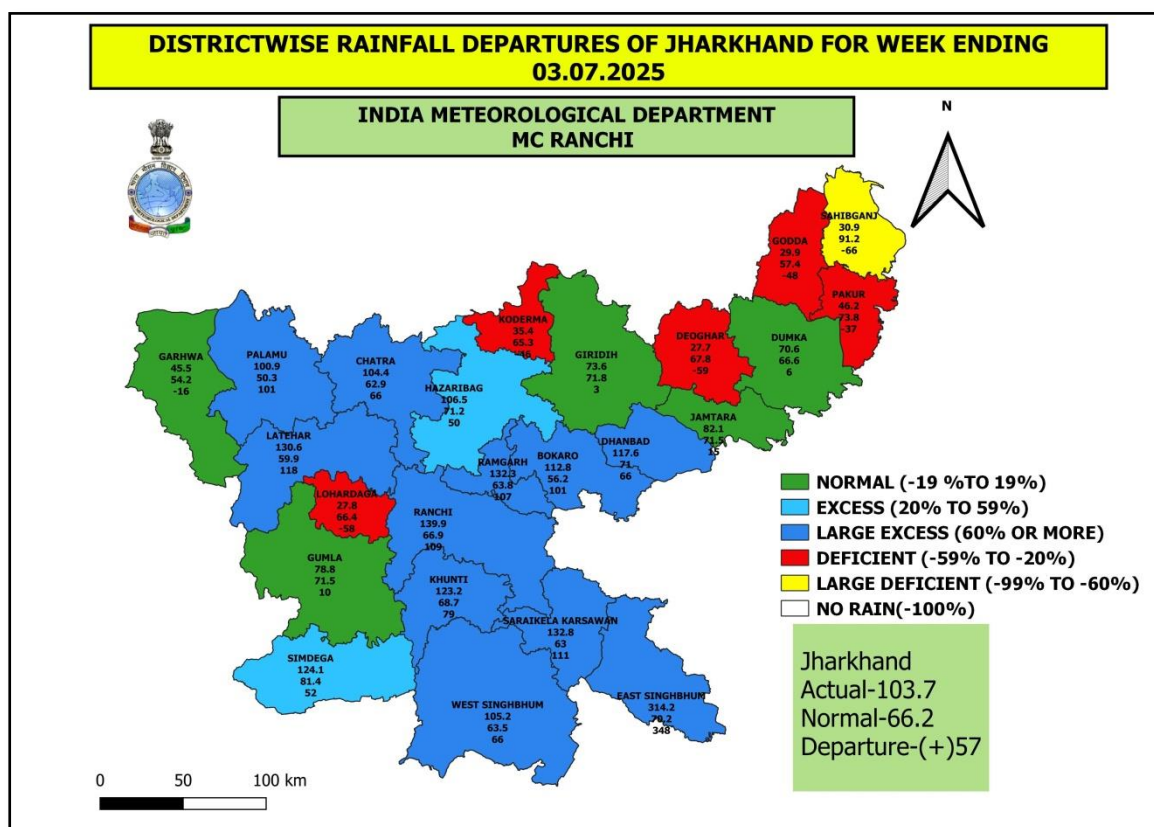
- A **low pressure area** formed over North-west Bay of Bengal and adjoining Coastal Odisha & West Bengal on 26-06-2025. It became less marked on 27-06-2025.
- An east-west trough ran from South-west Rajasthan to Bangladesh across North-Jharkhand, GWB and extended up to 5.8 km above sea level on 27-06-2025.
- On 28-06-2025 also, an east-west trough was found running from South-west Bangladesh to North-east Madhya Pradesh across Jharkhand and North-Chhatisgarh between 3.1 & 4.5 km above sea level.
- A **low pressure area** that formed over North-west Bay of Bengal and adjoining West Bengal and Bangladesh persisted over the same region on 29-06-2025. Associated Cyclonic Circulation extended up to 7.6 km above sea level. Monsoon trough was also found passing across Jharkhand and through low pressure area over North-west Bay of Bengal.
- On 30-06-2025, The low pressure area over North-west Bay of Bengal and adjoining west Bengal & Bangladesh moved slowly west- Northwestwards and lay over Coastal Gangetic West Bengal. The Monsoon trough was found running across Jharkhand through Jamshedpur.
- On 01-07-2025, The low pressure area moved slowly towards west-northwestwards and lay over Jharkhand and neighbourhood. The monsoon trough at mean sea level continued to pass across Jharkhand.
- On 02-07-2025, The low pressure area became less marked, However, the Cyclonic Circulation over South Jharkhand persisted and extended upto 5.8 km above sea level. The monsoon trough at mean sea level passed through South Jharkhand.

Under the influence of above mention systems light to moderate rainfall occurred at most places during almost whole past week. Isolated Heavy to very heavy rainfall was also observed in the state.

Weekly Rainfall Scenario (27th June, 2025– 03rd July, 2025):

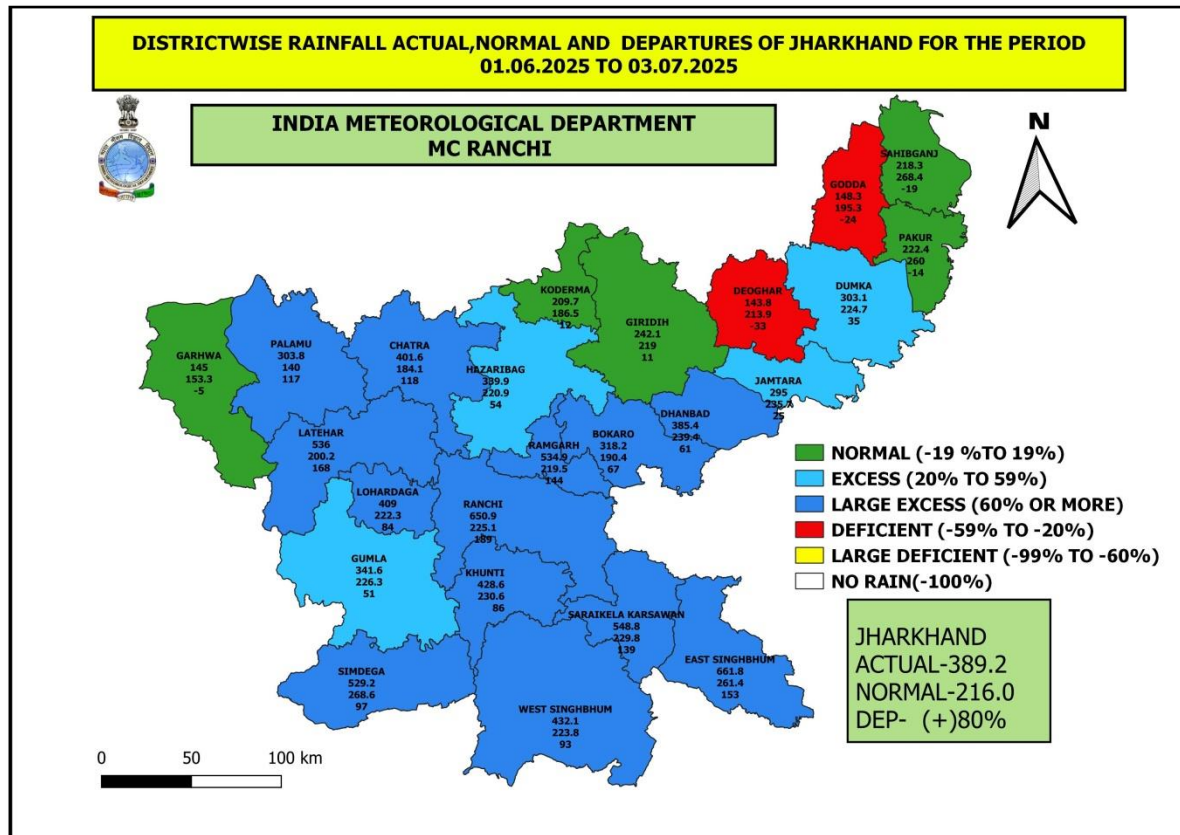
Cumulatively **Excess** Rain occurred over the state during the period from 27th June –03rd July, 2025

CATEGORY	WEEK 27.06.25 to 03.07.25	SEASON 01.06.25 to 03.07.25
LARGE EXCESS	11 Districts	13 Districts
EXCESS	02 Districts	04 Districts
NORMAL	05 Districts	05 Districts
DEFICIENT	05 Districts	02 Districts
LARGE DEFICIENT	01 Districts	NIL
NO RAIN	NIL	NIL
Cumulative rainfall (mm)	103.7	389.2
Normal rainfall (mm)	66.2	216.0
DEPARTURE (%)	(+)57	(+)80



2. Seasonal Rainfall Scenario (01st June, 2025 to 03rd July, 2025):

- During this period, 13 districts received Large Excess rainfall, 04 districts received Excess rainfall, 05 districts received Normal rainfall and 02 districts received **Deficient** over the state of Jharkhand. Cumulatively, seasonal rainfall was **Large Excess** (Departure (+) **80%**) over the state.



3. Temperature during past week:

- Maximum temperature was observed **Below Normal to Normal** during the week. It was observed in the range (26-34) °C over the state.
- Minimum temperature was observed **Below Normal to Normal** during week. It was observed in the range of (21-27) °C over the state.

4. Chief synoptic conditions as on 03rd July, 2025:

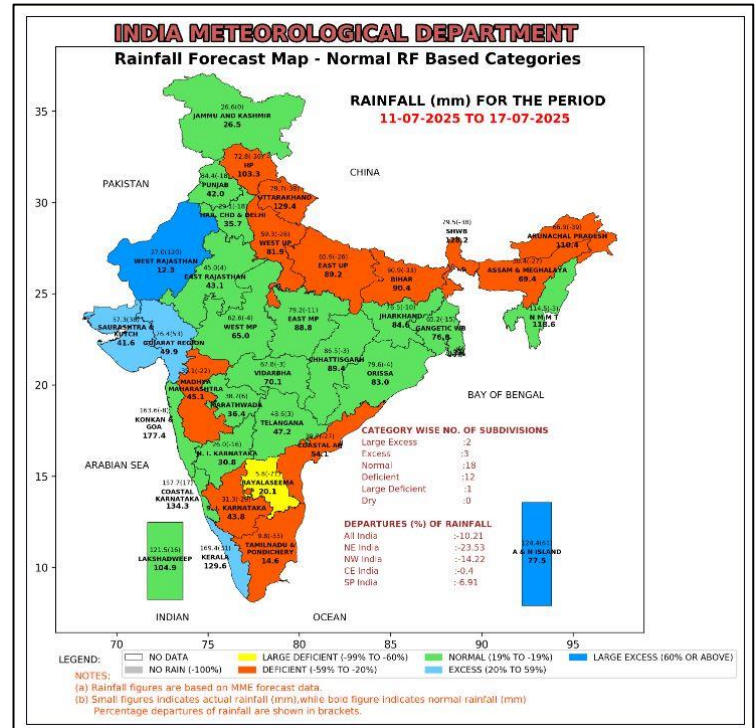
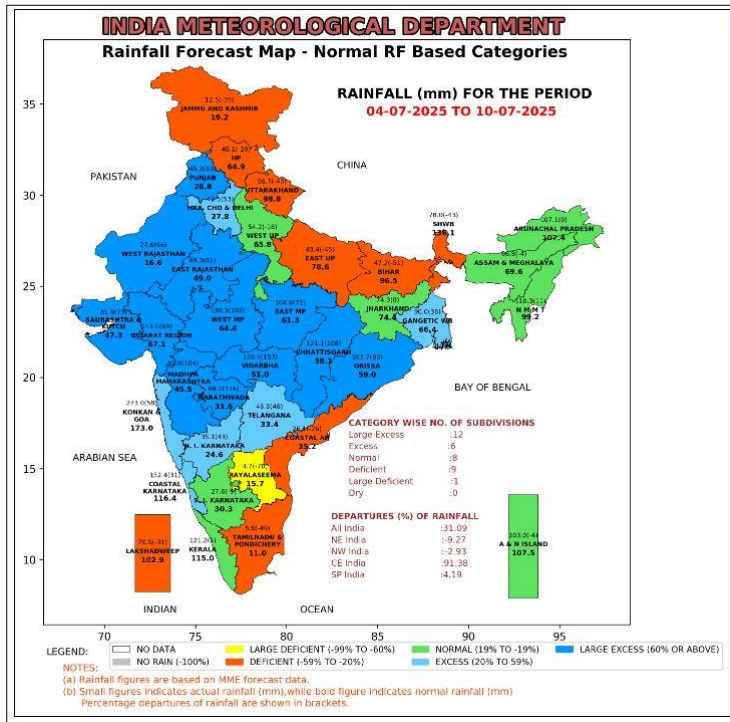
- The monsoon trough at mean sea level now passes through Bikaner, Sheopur, Khajuraho, Daltonganj, Digha and thence east southeastwards to northeast Bay of Bengal.
- The upper air cyclonic circulation over north Odisha adjoining Gangetic west Bengal between 1.5 & 5.8 km above mean sea level tilting southwestwards with height persists.
- The trough now runs from northeast Arabian sea to northwest Bay of Bengal across Gujarat, Madhya Pradesh, Chhattisgarh, the above cyclonic circulation over north Odisha adjoining Gangetic west Bengal between 3.1 & 5.8 km above mean sea level tilting southwestwards with height.

5. Forecast for next two weeks:

Under the influence of the present synoptic features, dynamical scenario and model guidance –

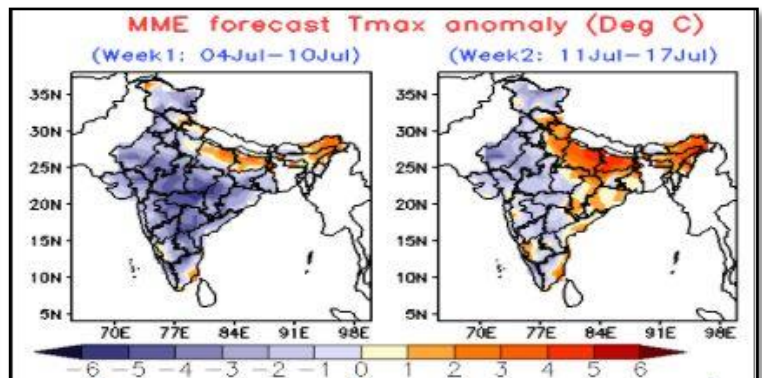
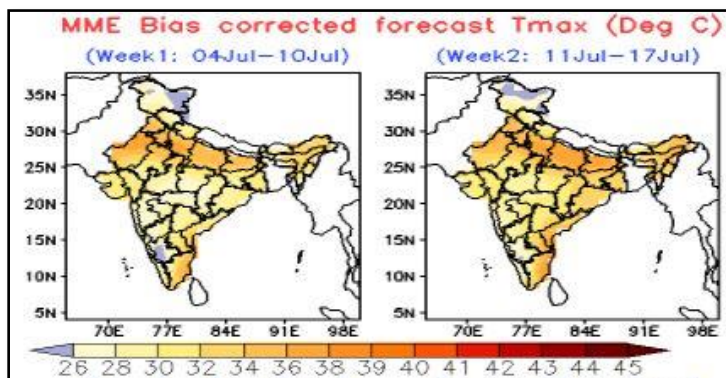
(i) Rainfall forecast for week 1 (04th July, 2025 – 10th July, 2025) and Week 2 (11th July, 2025 – 17th July, 2025):

- **Week-1:-** Fairly wide spread to Wide Spread rainfall is very likely over the state. Isolated Heavy Rainfall is also expected during first half of the week. Cumulatively normal rainfall is expected in this week.
- **Week-2:-** In this week also, cumulatively **Normal** Rainfall over the state is expected.



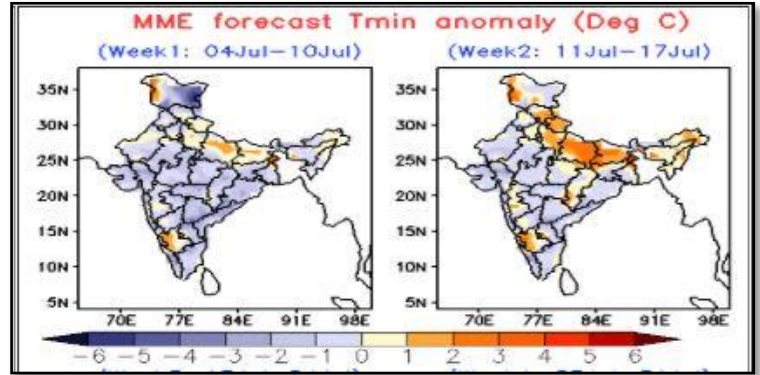
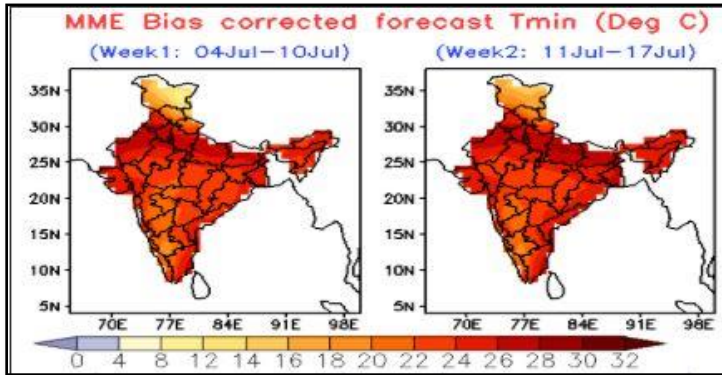
(ii) Maximum Temperature forecast for Week 1 (04th July, 2025 – 10th July, 2025) and Week 2 (11th July, 2025 – 17th July, 2025):

- **Week 1:-** Below Normal to Normal maximum temperature is likely to be observed over most part of the state. It may lie in the range (27-34) °C during the week.
- **Week-2:-** Normal to Above Normal Maximum temperature is likely to be observed over the state. It may lie in the range (28-33) °C during the week.



(iii) Minimum Temperature forecast for Week 1 (04th July, 2025 – 10th July, 2025) and Week 2 (11th July, 2025 – 17th July, 2025):

- **Week 1:** Normal Minimum Temperature is likely to be observed. It may lie in the range (22-27) °C.
- **Week 2 :** Normal to Above Normal Minimum Temperature is likely to be observed. It may lie in the range (22-28) °C.



Next bulletin will be issued on 10th July, 2025 (Thursday).

***(Sh. Baburaj PP)
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