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भारत सरकार

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भारत मौसम विज्ञान विभाग

India Meteorological Department

వాతావరణ కేంద్రం అమరావతి, ఆంధ్ర ప్రదేశ్

मौसम विज्ञान केंद्र अमरावती ,आंध्रप्रदेश

Meteorological Centre Amaravati, Andhra Pradesh

आंध्र प्रदेश के लिए विस्तारित सीमा पूर्वानुमान

EXTENDED RANGE FORECAST FOR ANDHRA PRADESH

(वर्तमान मौसम स्थिति तथाअगले दो सप्ताह के लिए दृष्टिकोण)

(Current weather status & outlook for next two weeks)

Thursday, 10th July 2025

Temperature scenario for the week ending on 09th July 2025:

- The Highest Maximum temperature **39.4ºC** was recorded at **Jangamaheswarapuram** on 09th July.
- The Lowest Minimum temperature **23.0ºC** was recorded at **Arogyavaram** 03rd, 04th, 07th, 08th, 09th July.

साप्ताहिक वर्षा परिदृश्य/Weekly Rainfall Scenario(03rd July 2025 to 09th July 2025):

During the recent past week, actual rainfall was 21.5 mm against normal rainfall 22.0 mm, which was 15.1 mm against normal rainfall 27.2 mm, which was below normal of Long Period Average (LPA) by 44% over the state of Andhra Pradesh as a whole. Out of 26 districts, 02 districts received excess rainfall, 05 districts received normal rainfall, 05 districts received deficient rainfall, 14 districts received large deficient rainfall (Fig 1(a)).

मौसमी वर्षा परिदृश्य/Seasonal Rainfall Scenario (01st June 2025 to 09th July 2025):

For the state as a whole, cumulative rainfall during this season from 01st June 2025 to 09th July 2025 was 89.4 mm against normal rainfall 127.5 mm, which was below normal of Long Period Average (LPA) by 30% over the state of Andhra Pradesh as a whole. Out of 26 districts, 12 districts received normal rainfall, 11 districts received deficient rainfall, 03 districts received large deficient rainfall (Fig 1(b)).

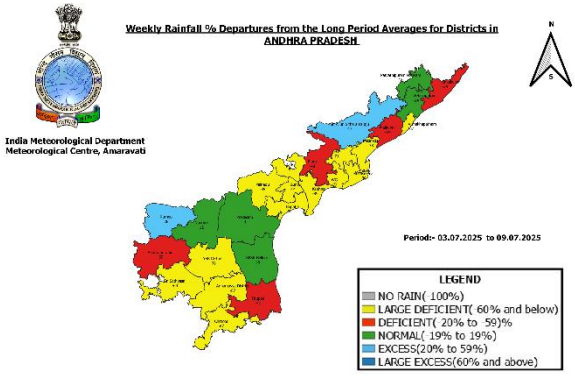


Fig.1 (a)

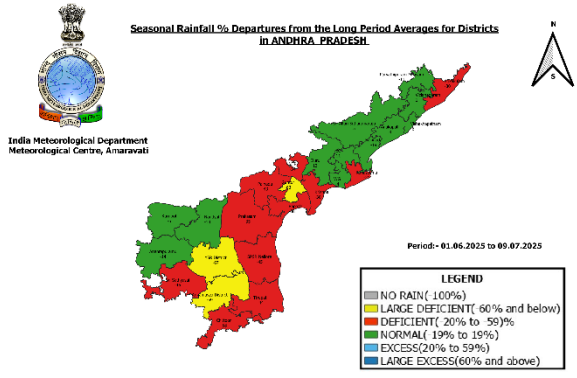


Fig. 1(b)

10th जुलाई 2025 पर मुख्य समकालिक स्थिति / Chief synoptic conditions as on 10th July 2025

- The trough from west Assam to Telangana now runs from west Assam to Vidarbha across Gangetic West Bengal, cyclonic circulation over south Jharkhand, north Chhattisgarh at 3.1 km above mean sea level.
- Lower tropospheric Westerly winds prevail over Andhra Pradesh and Yanam.

बड़ेपैमानेपि लिशेर्ताए/Large scale features

- Currently, Neutral El Niño–Southern Oscillation (ENSO) conditions prevail over the Equatorial Pacific Ocean. Forecasts from the latest Monsoon Mission Climate Forecast System (MMCFS) and other climate models suggest that these neutral conditions likely to persist till the end of the monsoon season.
- At present, neutral Indian Ocean Dipole (IOD) conditions are observed over the Indian Ocean. The latest MMCFS forecast indicates that weak negative IOD conditions are likely to develop during the monsoon season.
- Madden Julian Oscillation (MJO) is currently in phase 4 with an amplitude greater than 1. Most of the model forecasts have a consensus and suggest that the MJO signal is likely to make a loop in phase 4 during the first half of week 1, with the amplitude remaining close to 1. Thereafter, it is likely to propagate eastwards across phases 5 and 6 with its amplitude greater than 1 during the remaining days of the forecast period. Hence, MJO is likely to support the enhancement of convective activity over the Bay of Bengal (BoB) region during the first week.

अगले दो सप्ताह के लिए पूर्वानुमान/Forecast for next two weeks:

(i) सप्ताह 1 के लिए वर्षा का पूर्वानुमान/Rainfall forecast for week 1(04th July 2025 – 10th July 2025)

- Light/moderate rainfall at many/some places over Rayalaseema, isolated to scattered rainfall over Coastal Andhra Pradesh & Yanam during next 7 days.
- Rainfall activity is likely to be **DEFICIENT** over Coastal Andhra Pradesh & Yanam and Rayalaseema during week 1. (Fig2(g))

(ii) सप्ताह 2 के लिए वर्षा का पूर्वानुमान/Rainfall forecast for week 2:(11th July 2025 – 17th July 2025)

- Rainfall activity is likely to be **EXCESS** over Coastal Andhra Pradesh & Yanam and **NORMAL** over Rayalaseema during week 2. (Fig2(h)).

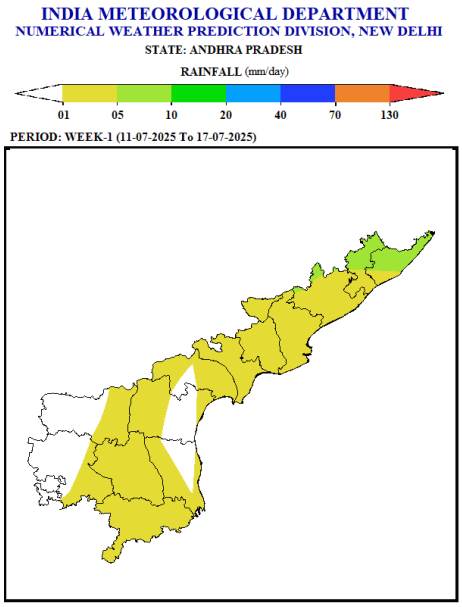


Fig 2(a)

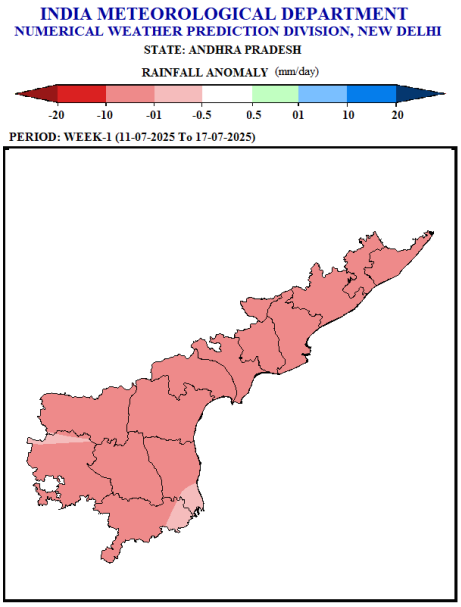


Fig 2(b)

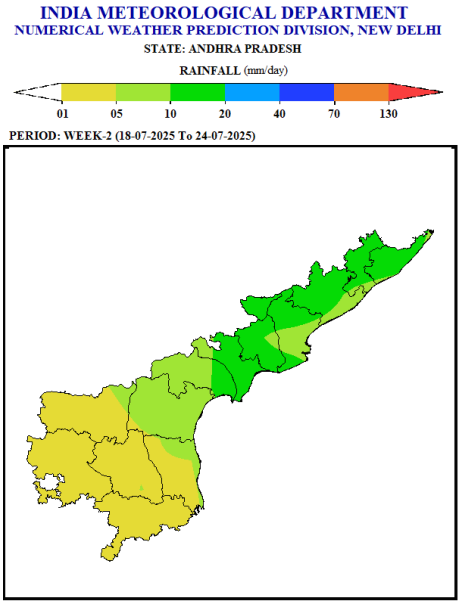


Fig 2(c)

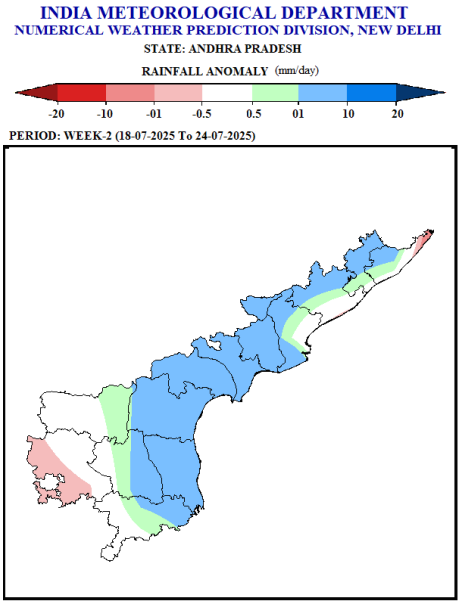


Fig 2(d)

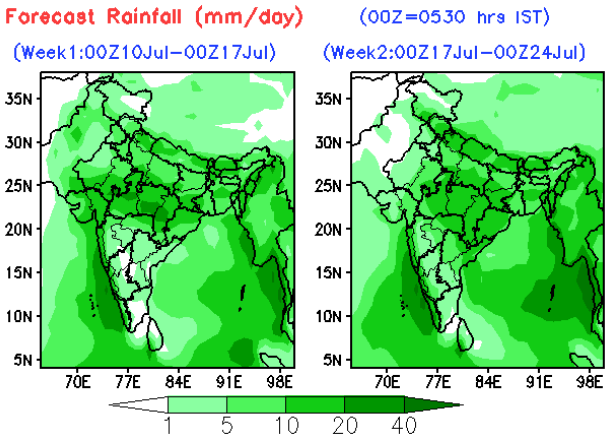


Fig 2(e)

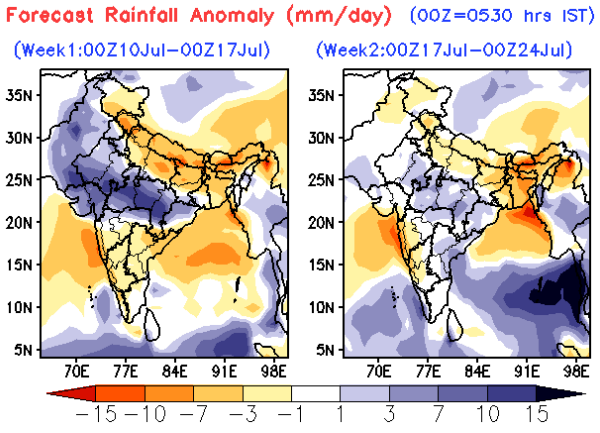


Fig 2(f)

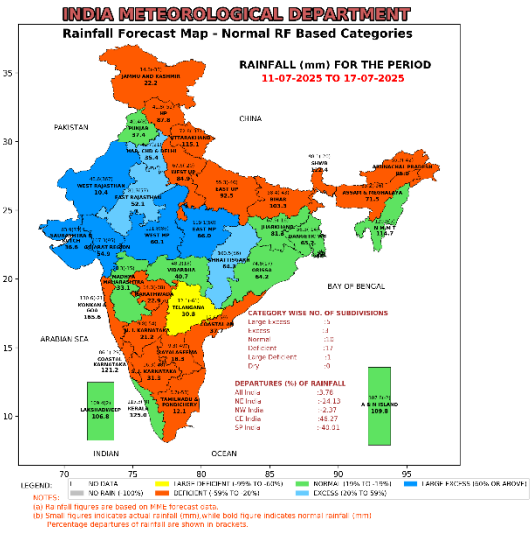


Fig 2(g)

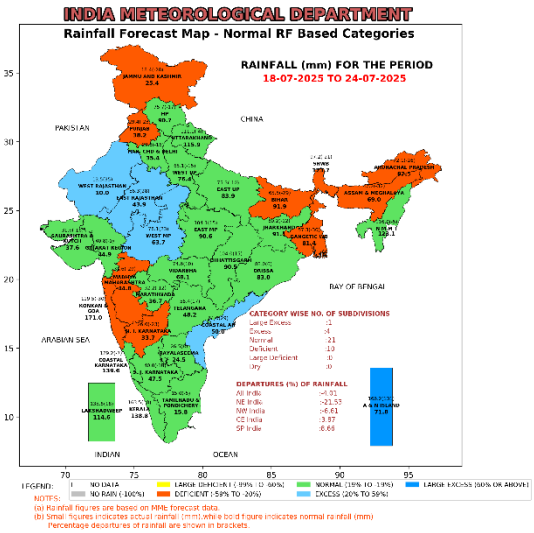


Fig 2(h)

(i) सप्ताह 1 एवं 2 के लिए अधिकतम तापमान का पूर्वानुमान / Maximum Temperature forecast for week 1 (11th July 2025 – 17th July 2025& week 2 (18th July 2025 – 24th July 2025):-

- Maximum Temperature Departures (as on 09-07-2025): Appreciably above normal(3.1°C to 5.0°C) at few places over Coastal Andhra Pradesh & Yanam; at isolated places over Rayalaseema.
- Maximum temperatures are likely to be normal to above normal over North Coastal Andhra Pradesh below normal over South Coastal Andhra Pradesh and Rayalaseema during week 1 (Left panel of Fig 3(b)).
- Maximum temperatures are likely to be normal to above normal over North Coastal Andhra Pradesh below normal over South Coastal Andhra Pradesh and Rayalaseema during week 2. (Right panel of Fig 3(b))

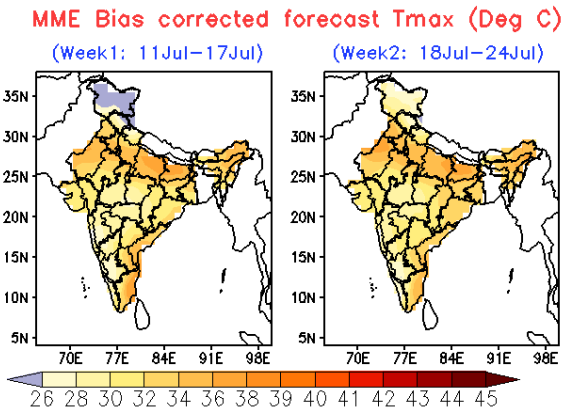


Fig 3(a)

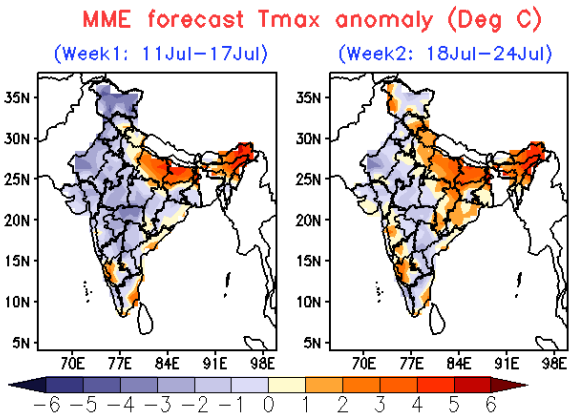
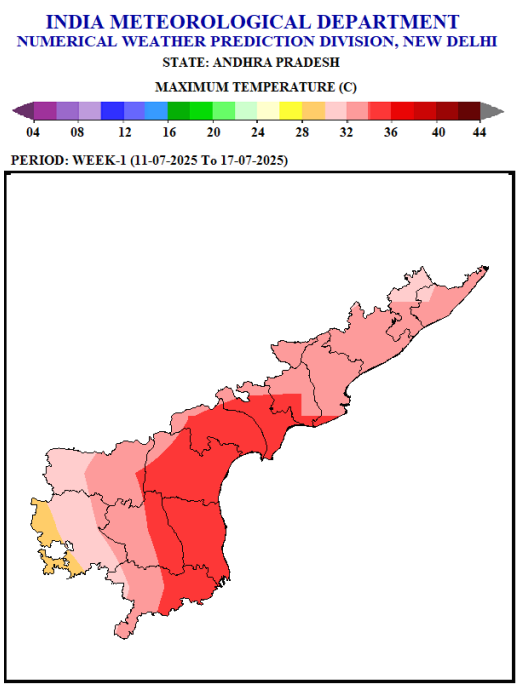


Fig 3(b)



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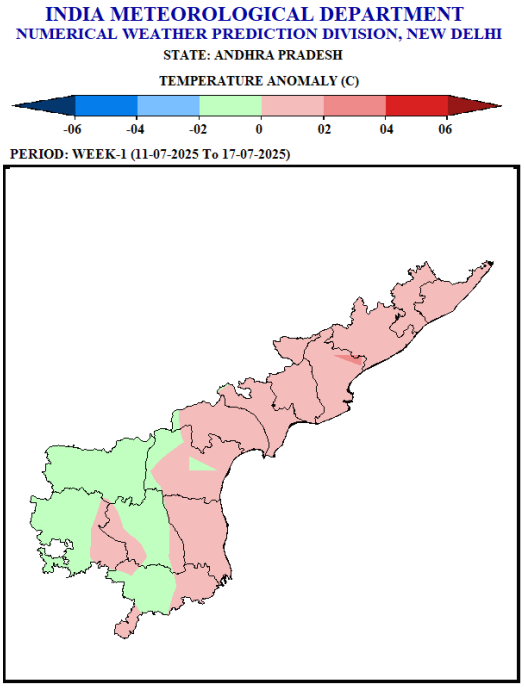

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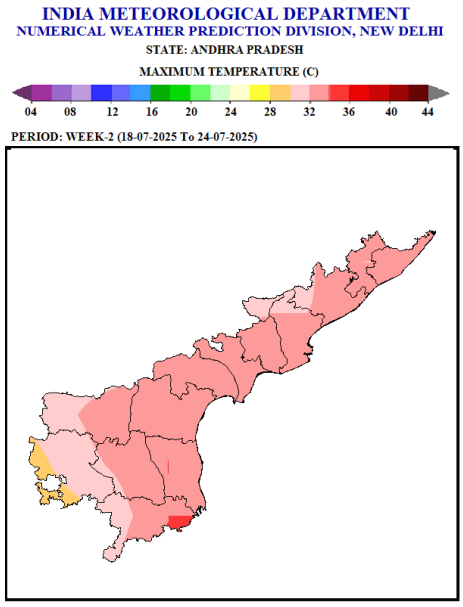

Fig 3(e)

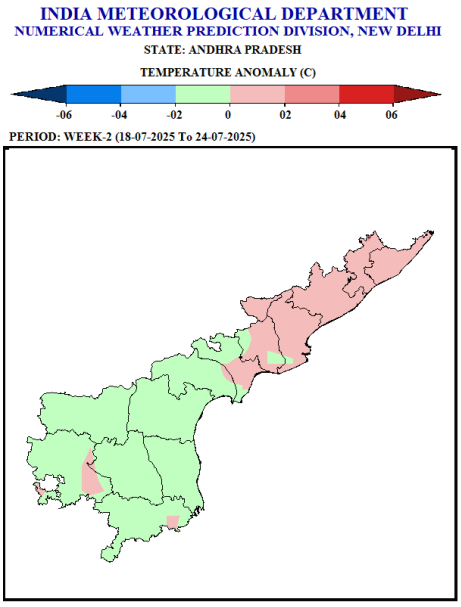

Fig 3(f)

- **सप्ताह 1 एवं 2 के लिए न्यूनतम तापमान का पूर्वानुमान /Minimum Temperature forecast for week 1 (04th July 2025 – 10th July 2025) & week 2 (11th July 2025 – 17th July 2025):-**

- Minimum temperatures are likely to be below normal over Coastal Andhra Pradesh & Yanam and Rayalaseema during week 1. (Left panel of Fig 4(b))
- Minimum temperatures are likely to be below normal over Coastal Andhra Pradesh & Yanam and Rayalaseema during week 2. (Right panel of Fig 4(b))

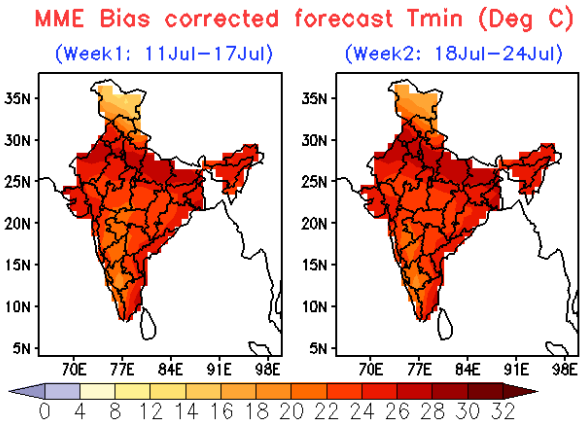

Fig 4(a)

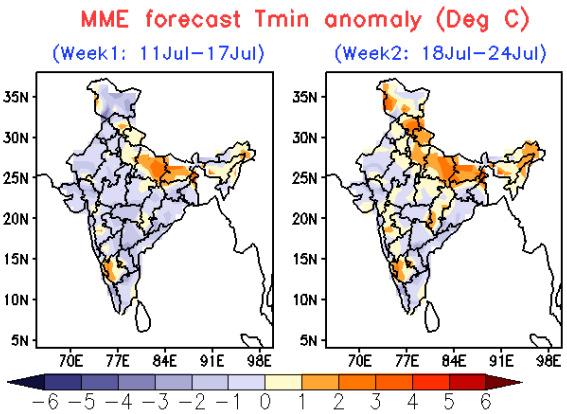

Fig 4(b)

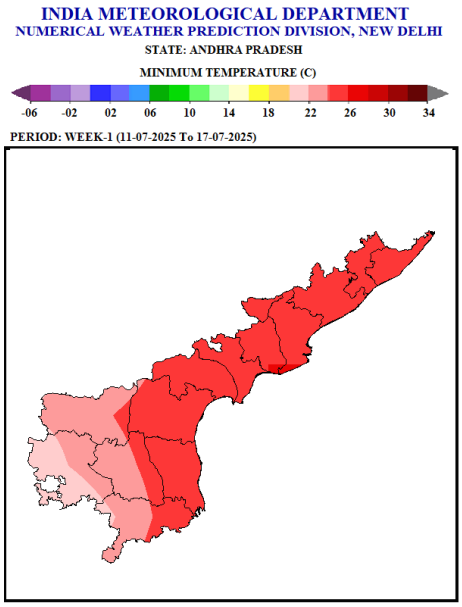

Fig 4(c)

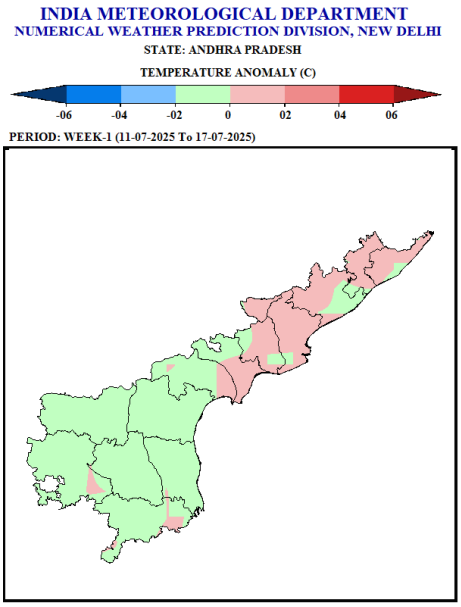

Fig 4(d)

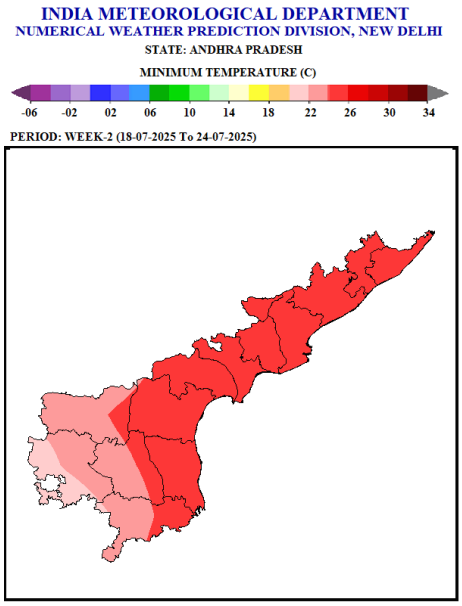

Fig 4(e)

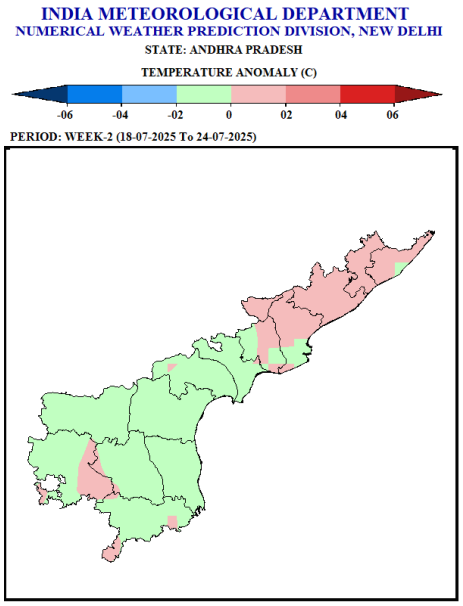

Fig 4(f)

Cyclogenesis:

Considering various large-scale environmental features and model guidance, it is inferred that, there is no probability of cyclogenesis during week 1 & 2. However,

1. the existing low pressure area over south Jharkhand and neighbourhood is likely to remain over the same region during next 24 hours. However, the associated upper-air cyclonic circulation is likely to persist for subsequent 2 days.
2. there is a likelihood of the formation of another upper-air cyclonic circulation over North Bay of Bengal and adjoining coastal West Bengal & Bangladesh around 18th July. It is likely to move slowly westnorthwestwards across Gangetic West Bengal, north Odisha & adjoining Jharkhand, and south Chhattisgarh during the subsequent 2-3 days. However, there is no likelihood of its further intensification.

Next bulletin will be issued on 17th July 2025 (Thursday)

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Meteorological Centre, Amaravati