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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, 04th December 2025

Salient Features Observed for the week ending on 03rd December 2025:

- **Formation of a Cyclonic Storm "Ditwah" [Pronunciation: Ditwah] over southwest Bay of Bengal & adjoining Sri Lanka coast (27th – 30th November):**
  Last week's **Depression** over southwest Bay of Bengal & adjoining Sri Lanka coast moved north-northwestwards, intensified into a **Deep Depression** and lay centered over the same region near latitude 6.3°N and longitude 82.4°E in the morning hours of 27th November. It moved north-northwestwards, intensified into the **Cyclonic Storm "Ditwah" [Pronunciation: Ditwah]** and lay centered at 1130 hrs IST of 27th November over the same region of southwest Bay of Bengal & adjoining Sri Lanka coast near latitude 6.9°N and longitude 81.9°E, further moved north-northwestwards and lay centered at 0830 hrs IST of 28th November over coastal Sri Lanka & adjoining southwest Bay of Bengal, near latitude 8.3°N and longitude 81.0°E. Continuing to move north-northwestwards, it lay centered at 0830 hrs IST of 29th November over southwest Bay of Bengal & adjoining north Sri Lanka, near latitude 9.6°N and longitude 80.7°E. It moved nearly northwards and lay centered at 0830 hrs IST of 30th November over southwest Bay of Bengal & adjoining north Tamil Nadu-Puducherry coasts, near latitude 11.4°N and longitude 80.6°E, and weakened into a **Deep Depression** and lay centered at 1730 hrs IST of 30th November over the same region, near latitude 11.8°N and longitude 80.6°E. It moved slowly northwards and lay centered at 0830 hrs IST of 1st December over southwest Bay of Bengal & adjoining areas of westcentral Bay of Bengal, North Tamil Nadu-Puducherry & South Andhra Pradesh coasts, near latitude 12.8°N and longitude 80.6°E, and weakened into a **Depression** and lay centered over southwest Bay of Bengal and adjoining areas of westcentral Bay of Bengal, North Tamil Nadu, Puducherry & South Andhra Pradesh coasts, near latitude 12.9°N and longitude 80.5°E in the morning hours of 2nd December. It moved slowly southwestwards and weakened into a **Well-Marked Low Pressure Area** over North Tamil Nadu-Puducherry coasts & neighbourhood in the morning hours of 3rd December; lay as a **Low Pressure Area** over the same region at 1730 hrs IST of the same day. It caused severe flooding, landslides and mudslides leading to casualties over Sri Lanka.
- **Extremely heavy rainfall** was recorded at isolated places over Coastal Andhra Pradesh & Yanam, Rayalaseema on 3rd December.
- **Heavy rainfall** was recorded at isolated places over Coastal Andhra Pradesh & Yanam on 1st December.

Temperature scenario for the week ending on 03rd December 2025:

- The Highest Maximum temperature **33.5ºC** was recorded at **Nandigama** on 02nd December.
- The Lowest Minimum temperature **15.7ºC** was recorded at **Jangamaheswarapuram** on 29th November.

साप्ताहिक वर्षा परिदृश्य/Weekly Rainfall Scenario(27th November 2025 to 03rd December 2025):

During the recent past week, actual rainfall was 20.9 mm against normal rainfall 11.5 mm, which was above normal of Long Period Average (LPA) by 82 % over the state of Andhra Pradesh as a whole. Out of 26 districts, 11 districts received large excess rainfall, 02 districts received excess rainfall, 02 districts received deficient rainfall, 07 districts received Large deficient rainfall, 02 districts received normal rainfall, 01 district received no rainfall (Fig 1(a)).

मौसमी वर्षा परिदृश्य/Seasonal Rainfall Scenario (01st October 2025 to 03rd December 2025):

For the state as a whole, cumulative rainfall during this season from 01st October 2025 to 03rd December 2025 was 342.7 mm against normal rainfall 264.2 mm, which was above normal of Long Period Average (LPA) by 30 % over the state of Andhra Pradesh as a whole. Out of 26 districts, 02 districts received large excess rainfall, 13 districts received excess rainfall, 10 districts received normal rainfall, 01 district received large deficient rainfall. (Fig 1(b)).

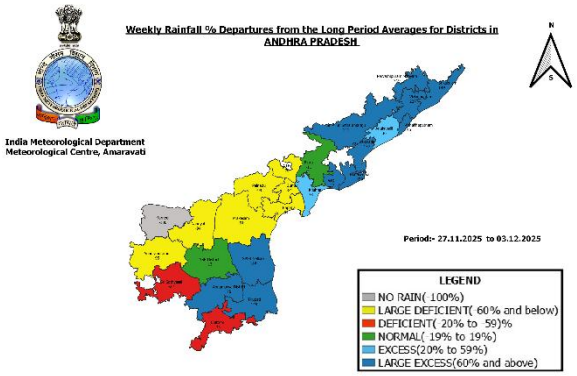


Fig.1 (a)

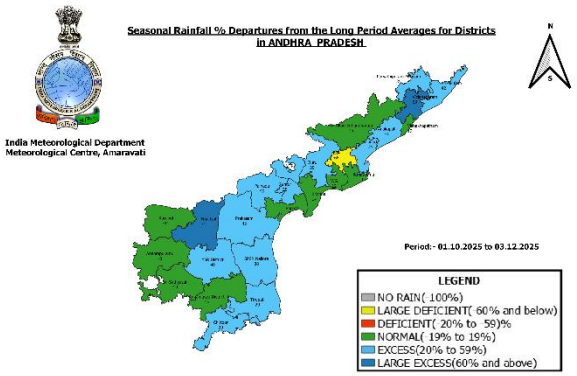


Fig. 1(b)

04 दिसम्बर 2025 पर मुख्य समकालिक स्थिति / Chief synoptic conditions as on 04th December 2025

Lower tropospheric North Easterly winds prevail over Andhra Pradesh and Yanam.

बड़ेपैमानेपि लिशेर्ताए/Large scale features

- Currently, weak La Niña conditions prevail over the equatorial Pacific region. The latest forecasts from the Monsoon Mission Climate Forecast System (MMCFS) and other climate models suggest a moderate to fairly high likelihood (around 62%) of La Niña conditions persisting through the DJF 2025/26 season, with a probable transition to neutral ENSO conditions thereafter.
- Currently, negative Indian Ocean Dipole (IOD) conditions are prevailing over the Indian Ocean. The latest MMCFS forecast suggests that these negative IOD conditions are likely to weaken, with an increasing probability of a transition to neutral conditions during the DJF season and thereafter.
- Madden Julian Oscillation (MJO) index is presently in phase 8 with an amplitude greater than 2. It is very likely to remain in phase 8 with a slow eastward propagation and decreasing amplitude till the second half of week 1. Thereafter, the MJO index is likely to portray a looping trajectory within phase 8, maintaining amplitude close to 1 till the end of the second 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:(05th December 2025 – 11th December 2025):-

- Light to moderate rainfall at a few places accompanied with thunderstorm, lightning over Coastal Andhra Pradesh & Yanam and Rayalaseema on 04th December.

- Rainfall activity is likely to be **LARGE 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:(12th December 2025 – 18th December 2025):-

- Rainfall activity is likely to be **NO RAIN** over Coastal Andhra Pradesh & Yanam and Rayalaseema during week 2. (Fig2(h)).

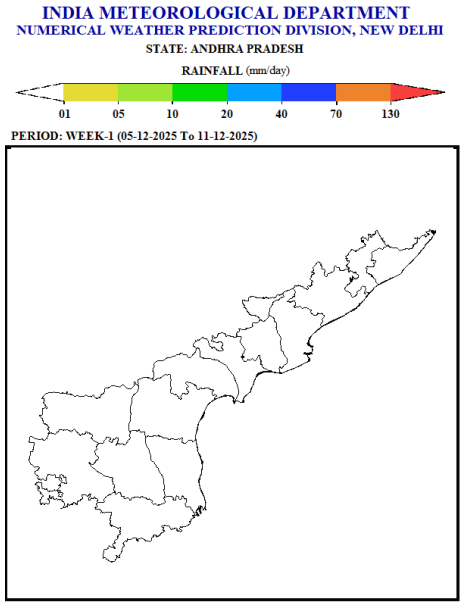


Fig 2(a)

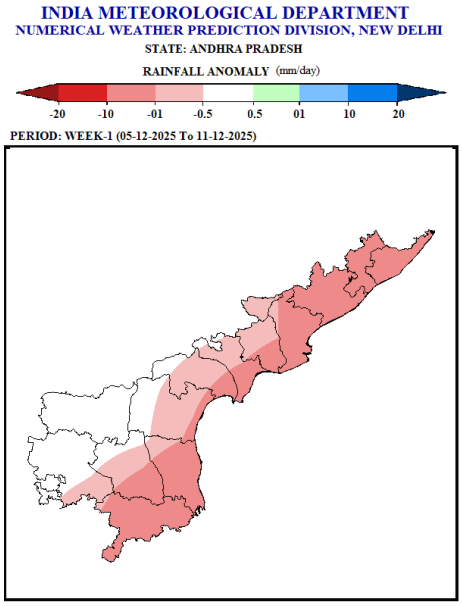


Fig 2(b)

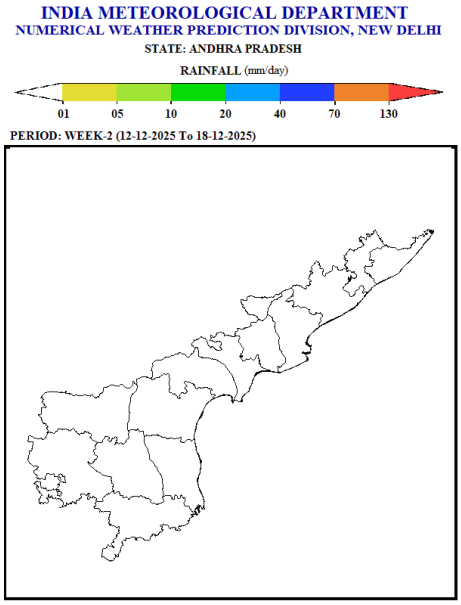


Fig 2(c)

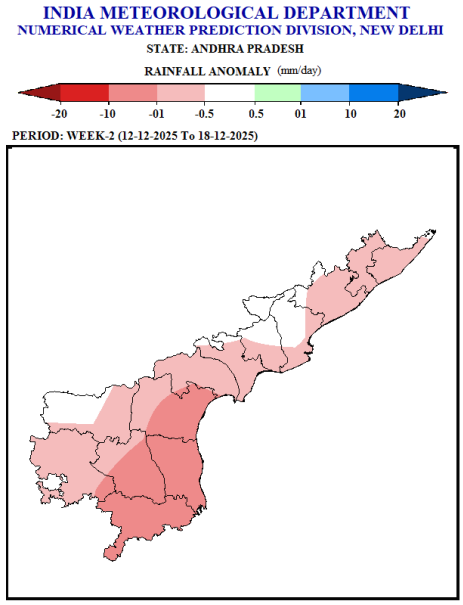


Fig 2(d)

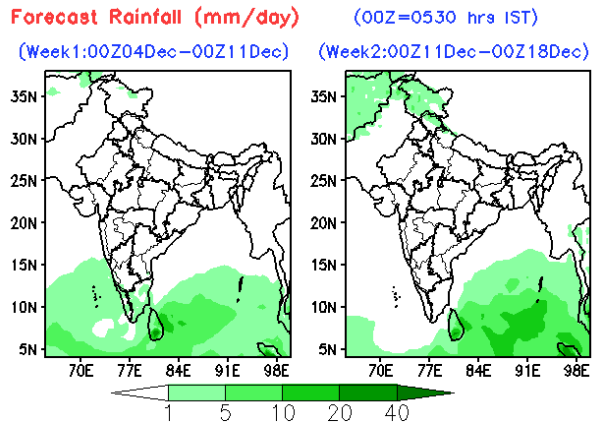


Fig 2(e)

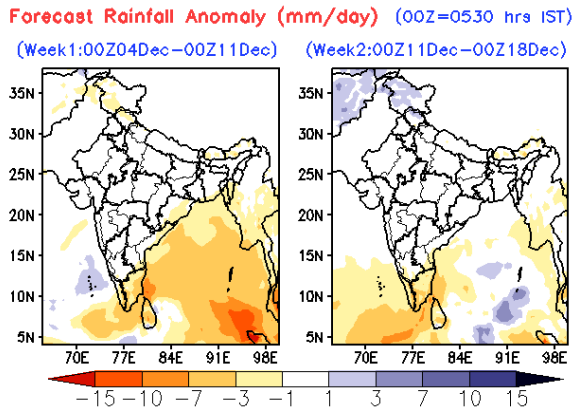


Fig 2(f)

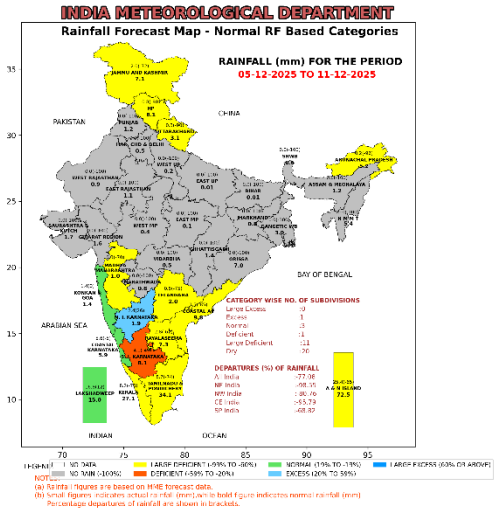


Fig 2(g)

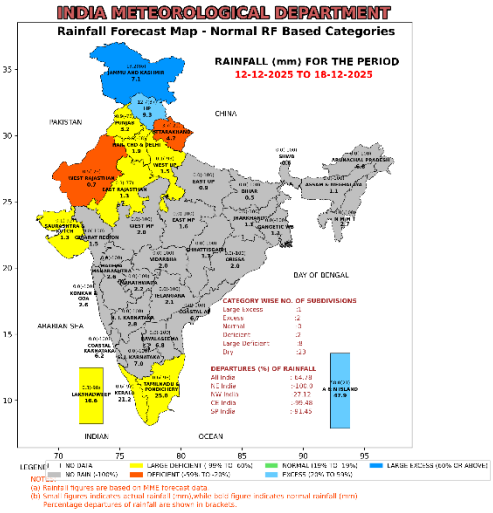


Fig 2(h)

(iii) सप्ताह 1 एवं 2 के लिए अधिकतम तापमान का पूर्वानुमान / Maximum Temperature forecast for week 1:(05th December 2025 – 11th December 2025) & week 2:(12th December 2025 – 18th December 2025):-

- Maximum temperatures are likely to be 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 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))

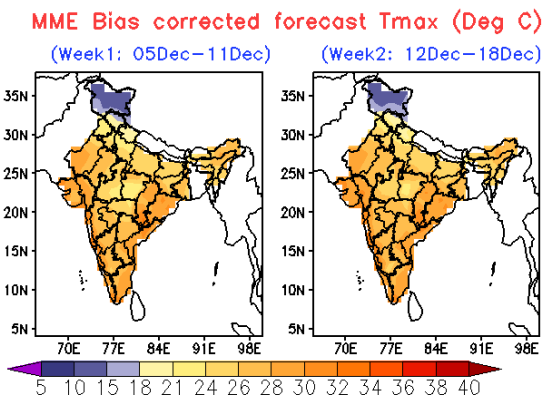


Fig 3(a)

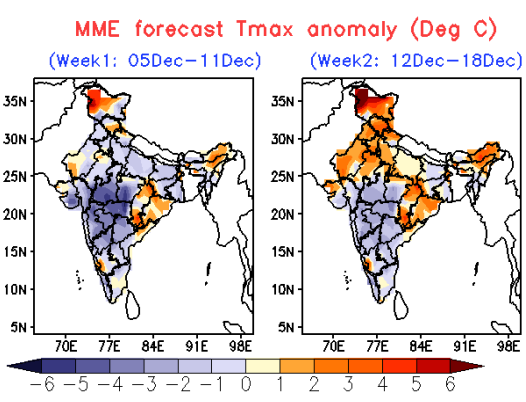


Fig 3(b)

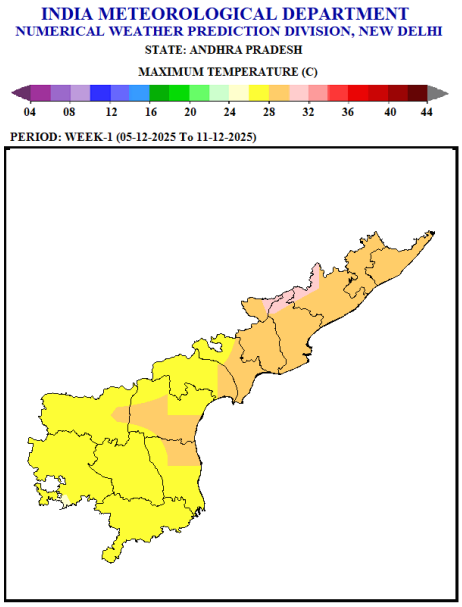


Fig 3(c)

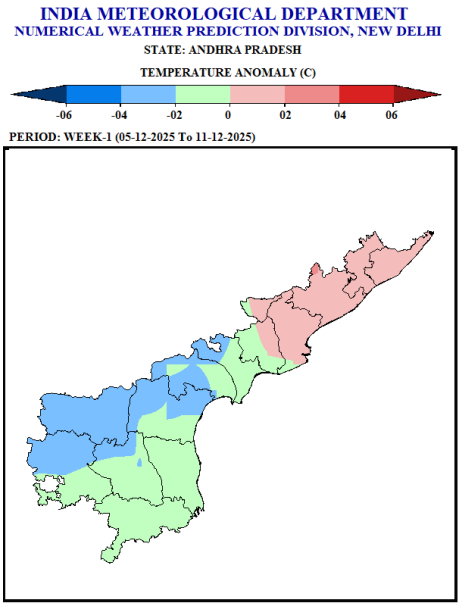
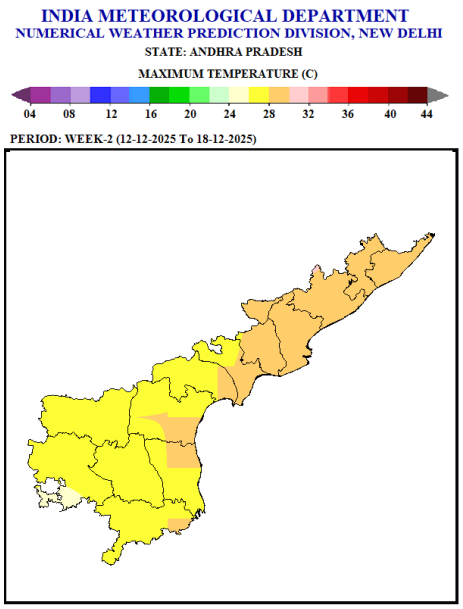


Fig 3(d)



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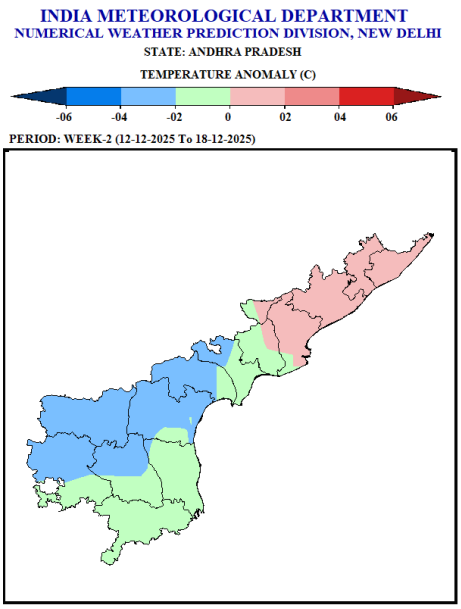


Fig 3(f)

(iv) सप्ताह 1 एवं 2 के लिए न्यूनतम तापमान का पूर्वानुमान /Minimum Temperature forecast for week 1:(05th December 2025 – 11th December 2025) & week 2:(12th December 2025 – 18th December 2025):-

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

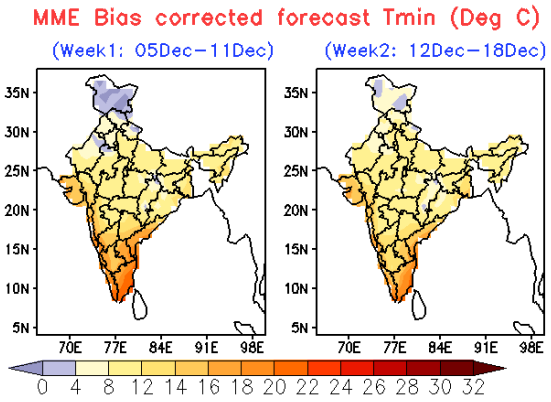


Fig 4(a)

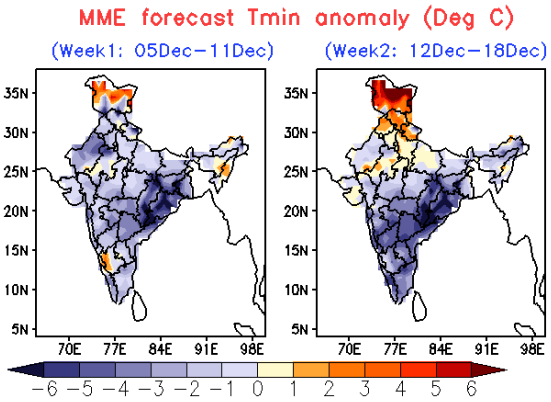
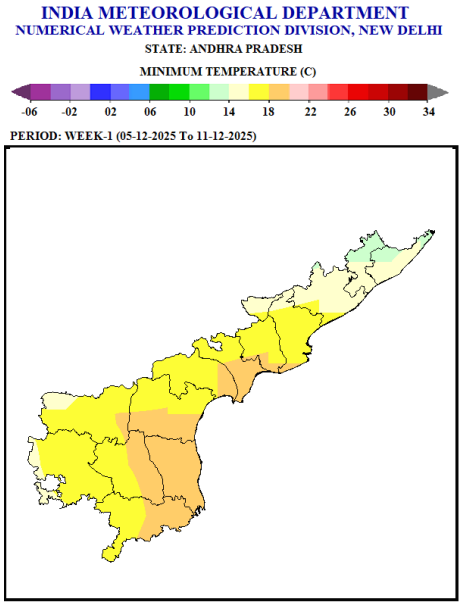


Fig 4(b)



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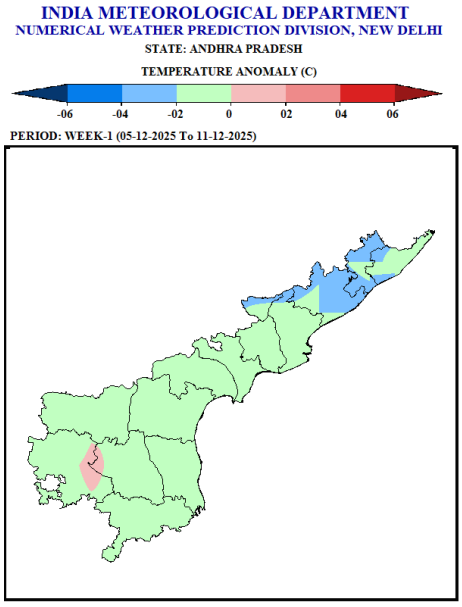

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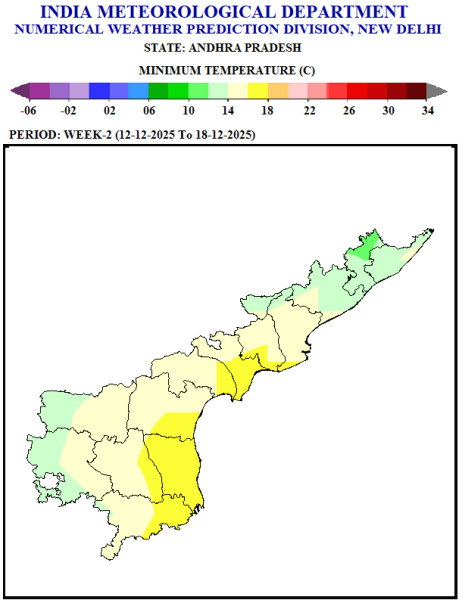

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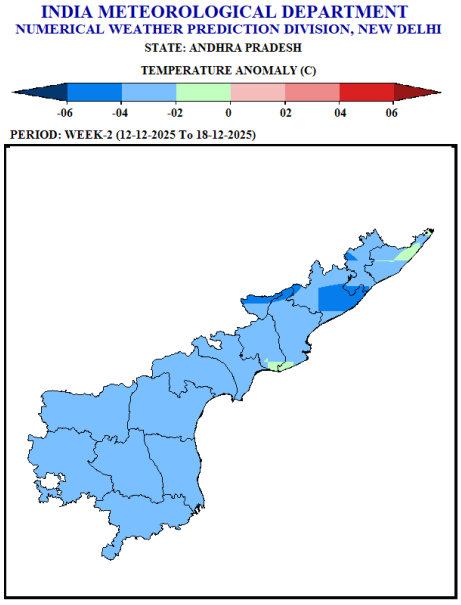

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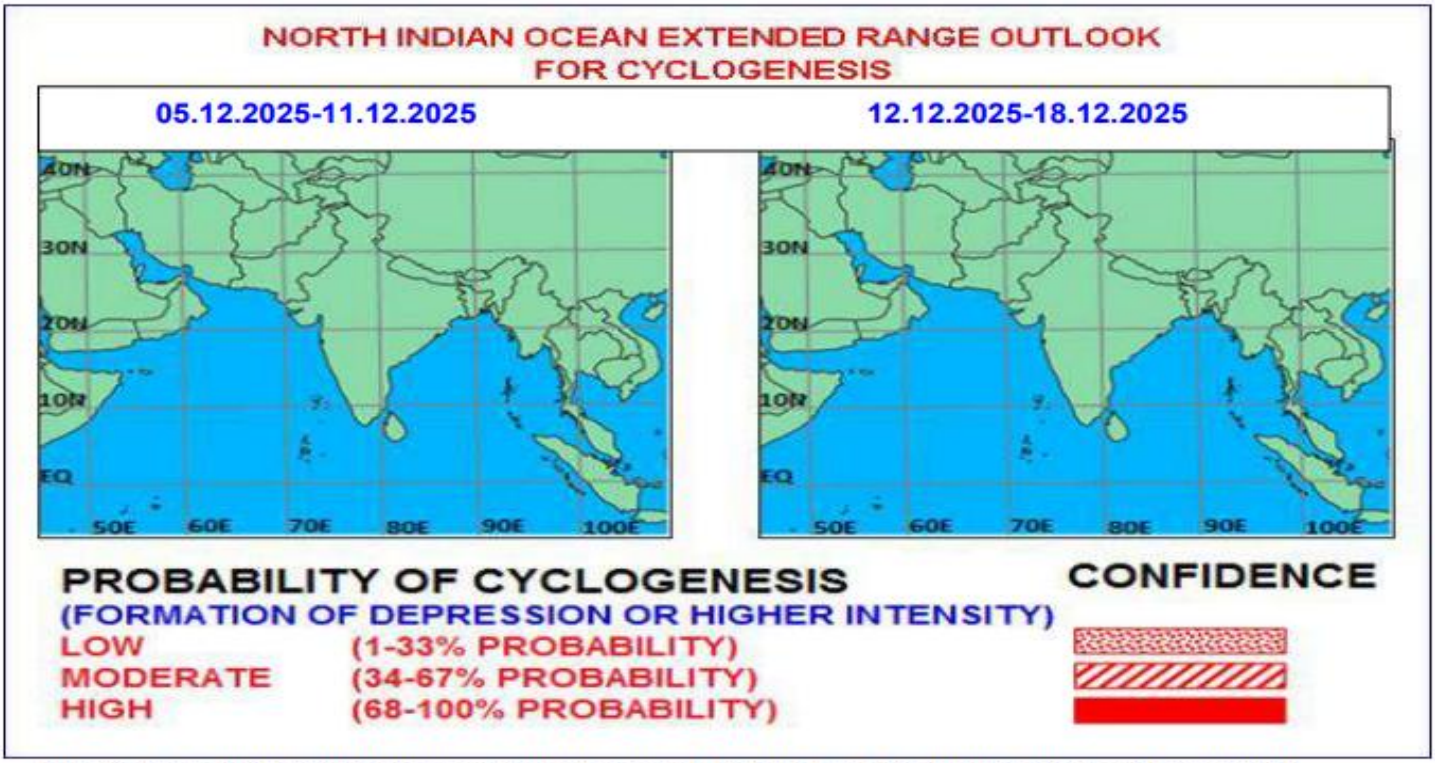

Fig. 1: Graphical Cyclogenesis over the north Indian Ocean during the next two weeks

Cyclogenesis:

Considering various large-scale environmental features, climatology and model guidance, it is inferred that there is no probability of cyclogenesis during the entire forecast period. However,

(a) The upper-air Cyclonic circulation over the southeast Arabian Sea and adjoining Lakshadweep coast is very likely to continue to move westwards and persist over the region during the next 2 days and gradually weaken thereafter.

(b) There is likely formation of an upper-air cyclonic circulation over the southeast Bay of Bengal around 9th December, 2025.

(c) There is a low probability of the emergence of another upper air cyclonic circulation over the South Bay of Bengal during the second half of week 2.

Next bulletin will be issued on 11th December 2025 (Thursday)

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Meteorological Centre, Amaravati