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मौसम केंद्र लखनऊ
अमौसी एयरपोर्ट-9

Government of India
India Meteorological Department
Meteorological Centre Lucknow
Amausi Airport-9

EXTENDED RANGE FORECAST FOR UTTAR PRADESH

(Current Weather status & outlook for next two weeks (28th May 2021–10June 2021))

Dated: 27th May 2021

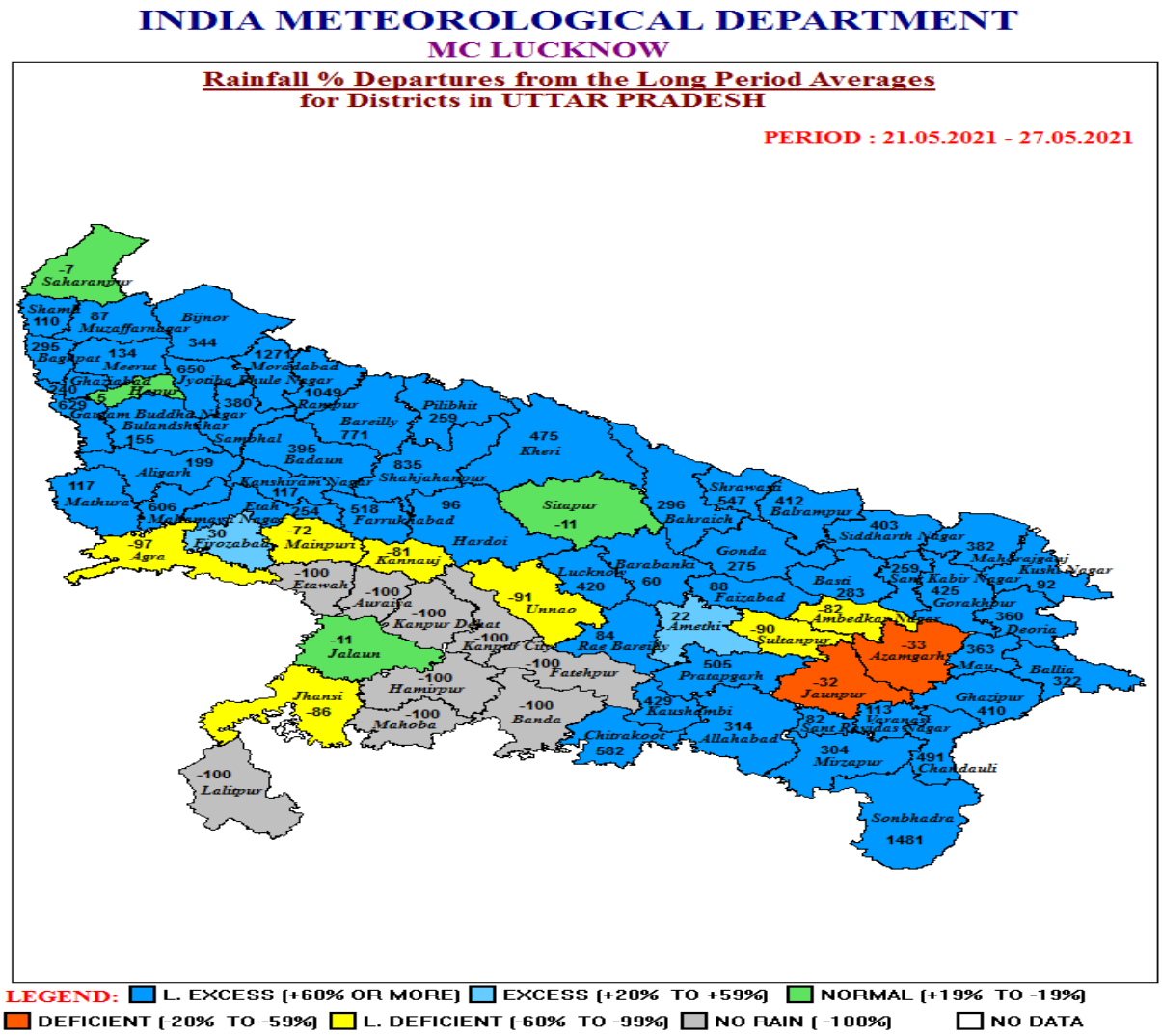
Time of Issue: 1500 hours IST

1.) RainfallScenario (Realized):

(i)Weekly Rainfall Scenario (from 0830 IST of 21st May 2021to 0830 IST of 27th May 2021):-

During the past week, the actual rainfall for the state of Uttar Pradesh was 16.5 mm against normal rainfall 4.4mm, which was above normal of Long Period Average (LPA) by 275%.

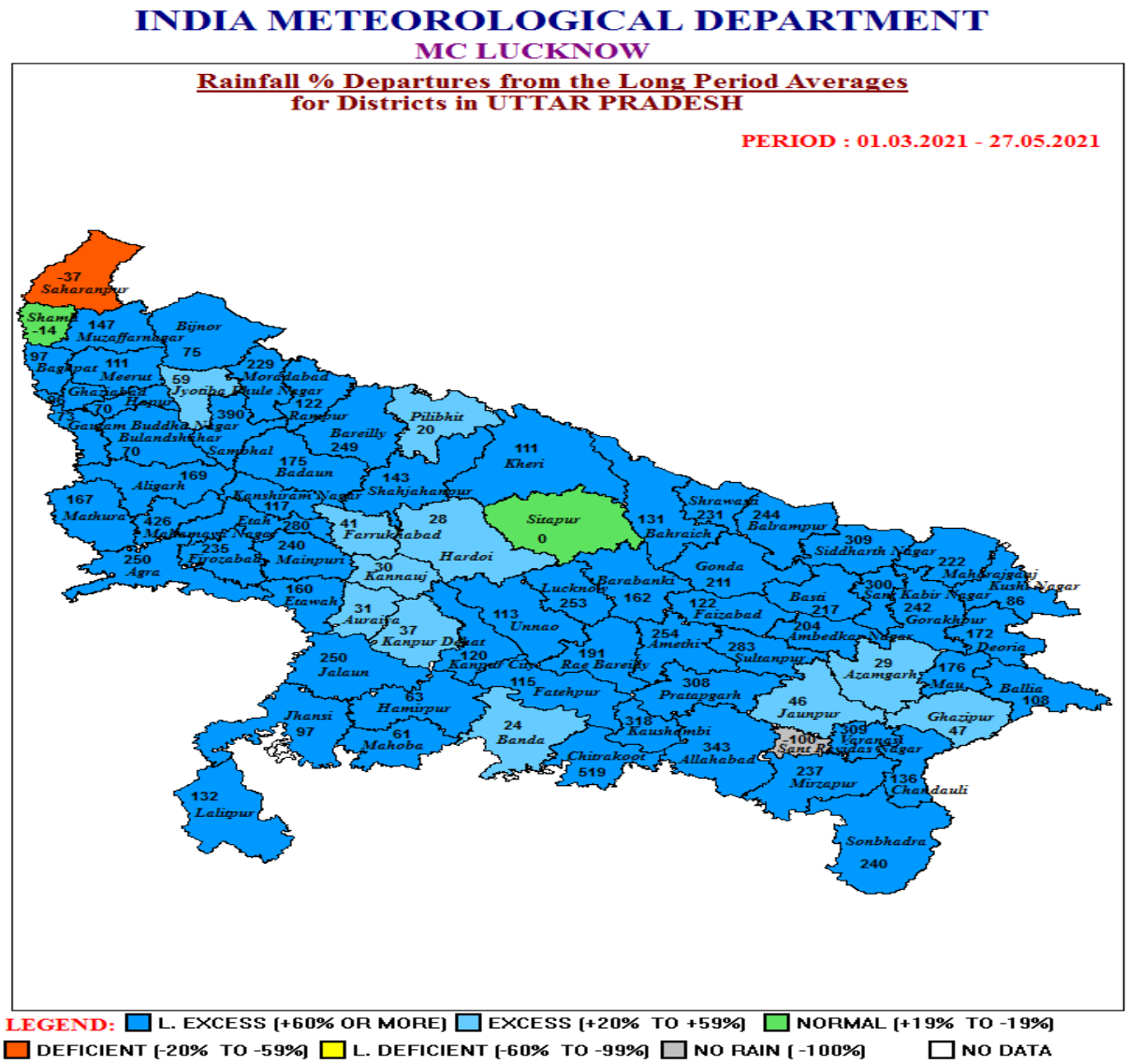
- For East Uttar Pradesh,weeklyrainfall during the recent week was 18.2 mm against normal rainfall 5.1mm, which was abovenormal ofLong Period Average (LPA) by 256%.
- ForWest Uttar Pradesh, weekly rainfall during the recent week was 14.1 mm against normal rainfall3.4 mm, which was above normal of Long Period Average (LPA) by 313%.



(ii)Seasonal Rainfall Scenario (Pre-Monsoon Season 2021) (01st March 2021 to 27th May 2021):-

Forthestate,Cumulativerainfallduringthisseasonfrom 1st March–27th May was 72.0 mm against the normal rainfall of 28.7mm, which was above normal of Long Period Average (LPA) by 151%.

- ForEast Uttar Pradesh,cumulativerainfallduringthisseasonfrom 1st March–27th May was 76.6mm against normal rainfall 29.5mm, which wasabove normal of Long Period Average (LPA) by 160.
- ForWest Uttar Pradesh,cumulative rainfall during this season from 1st March–27th Maywas 65.3 mm against normal rainfall 27.6 mm, which was above normal of Long Period Average (LPA) by 136%.



2.) Chief Synoptic Conditions: -

♦ The Deep Depression over south Jharkhand and neighborhood moved nearly northwards with a speed of about 05 kmph during past 6 hours and lay centred at 0830 hrs IST of today, the 27th May, 2021 over south Jharkhand andneighbourhood, near latitude 22.9°N and longitude 85.5°E, about 70km west-northwest of Jamshedpur and 65 kmsoutheast of Ranchi (Jharkhand). The system is very likely to move nearly northwards and weaken into a Depressionduring next 03 hours.

♦ The Western Disturbance as trough in mid-tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along longitude 78°E to the north of latitude 28°N persists.

♦A fresh Western Disturbance lies as a cyclonic circulation over West Afghanistan and neighbourhood between 1.5 km & 3.1 km above mean sea level.

♦The cyclonic circulation over central Pakistan & adjoining West Rajasthan extending upto at 1.5 km above mean sea level has become less marked.

3.) Rainfall forecast for Next 2 Weeks:-

(i) **Rainfall forecast for Week 1: (28th May 2021– 03rd June 2021): -**

- Due to cyclonic storm **'Yaas' (pronounced as 'Yass')** , East Uttar Pradesh Rainfall is likely light to moderate with isolated Heavy to Very Heavy Rainfall for Day1 and Day2. Rest days of the week are isolated light rainfall.
- Overall cumulative rainfall is likely to be normal to above normal over East Uttar Pradesh and normal over West Uttar Pradesh.

(ii) **Rainfall forecast for week 2: (04thJune 2021– 10thJune2021): -**

- Normal to below normal rainfall is likely to occur over East Uttar Pradesh and northern part of West Uttar Pradesh and rest part normal rainfall.

4.) Temperature forecast for Next 2 Weeks:-

Week-1:

- Presently maximum temperatures are markedly below normal over most of the areas. It is expected that maximum temperatures will No large change during 48hours and thereafter increase by 2-4 degree Celsius.
- Minimum temperatures are likely to be normal.

Week-2:

- Maximum temperatures are likely to be normal at most places.
- Minimum temperatures are likely to be normal at most places.

Note: - Kindly see Annexure for Rainfall and Maximum Temperature Forecast and Anomaly maps for next two weeks.
Next bulletin will be issued on 03rd June 2021 (Thursday)

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ANNEXURE

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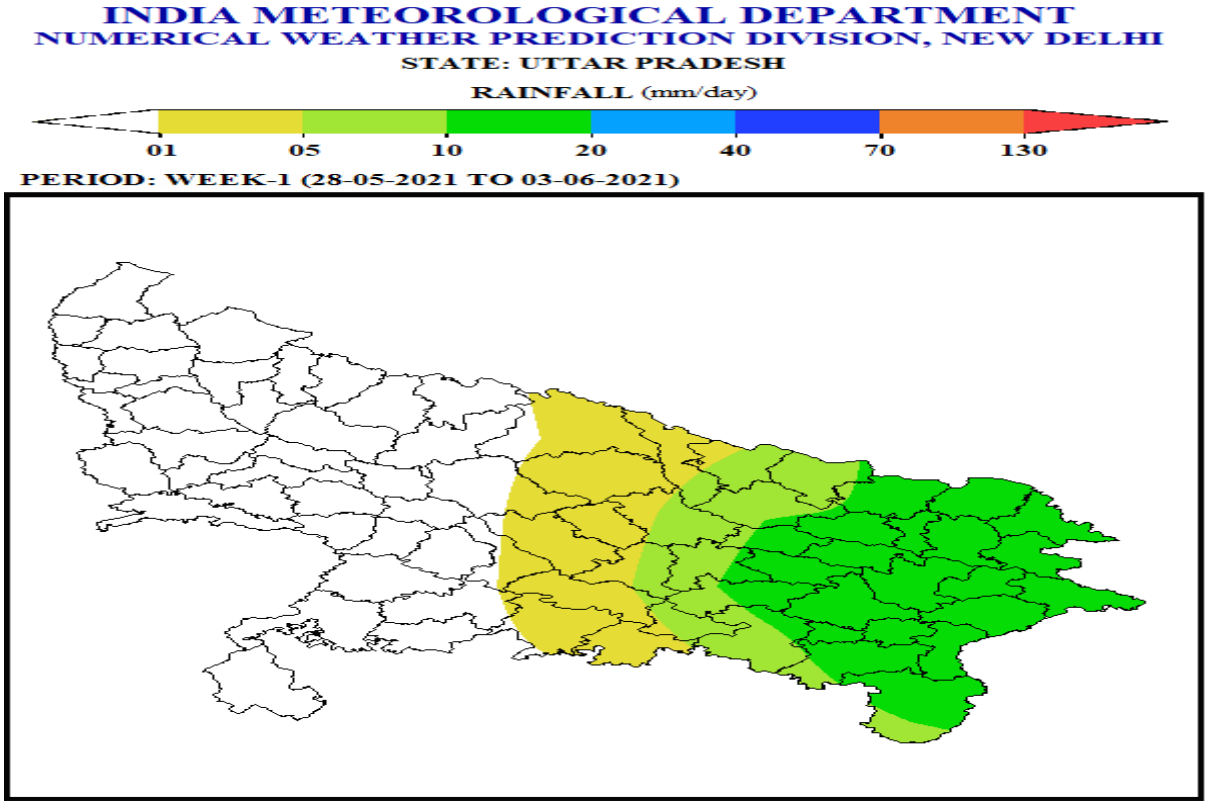

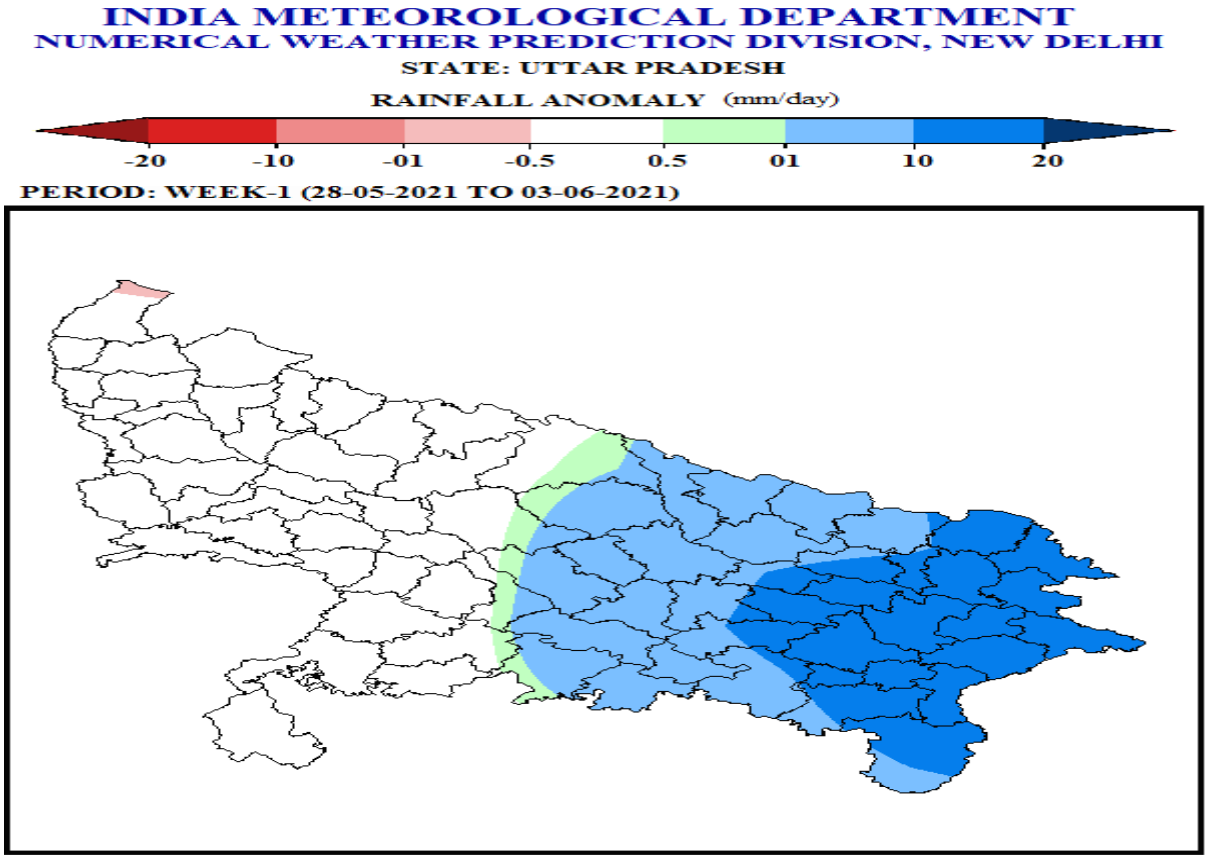

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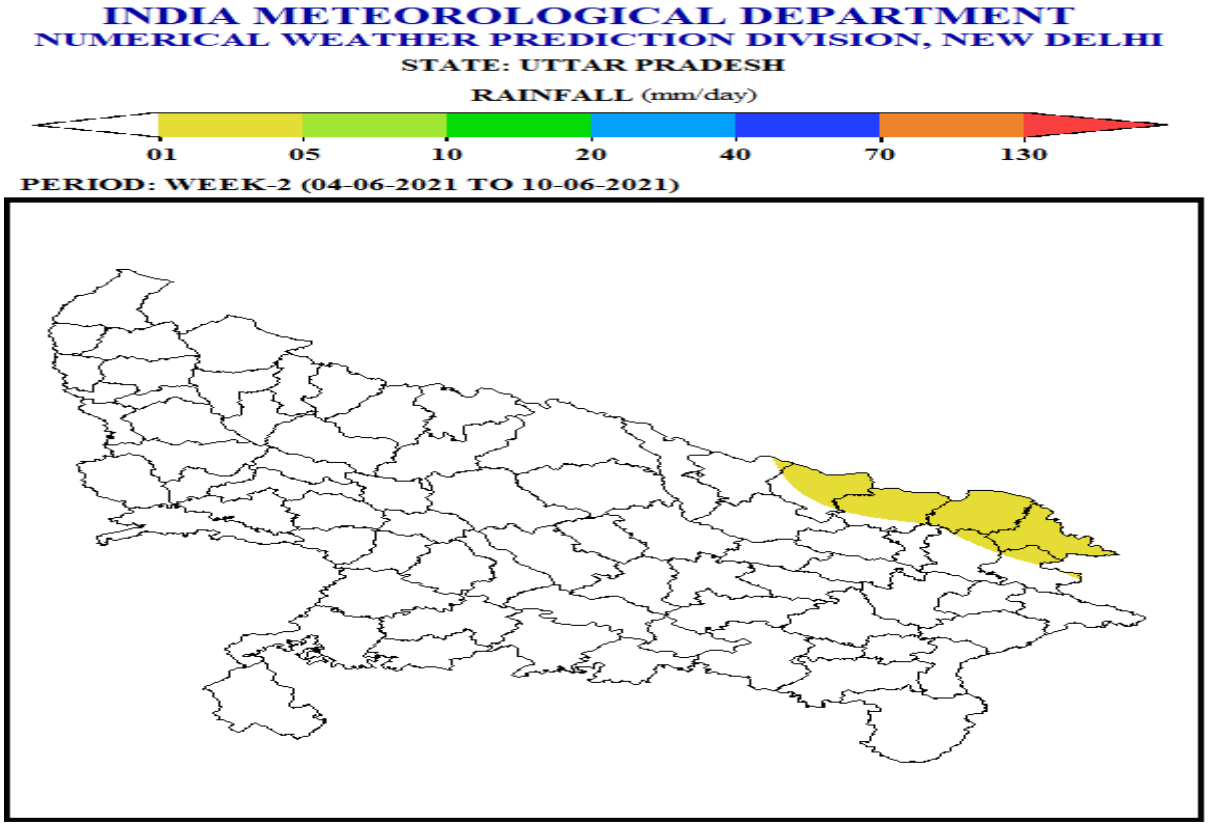

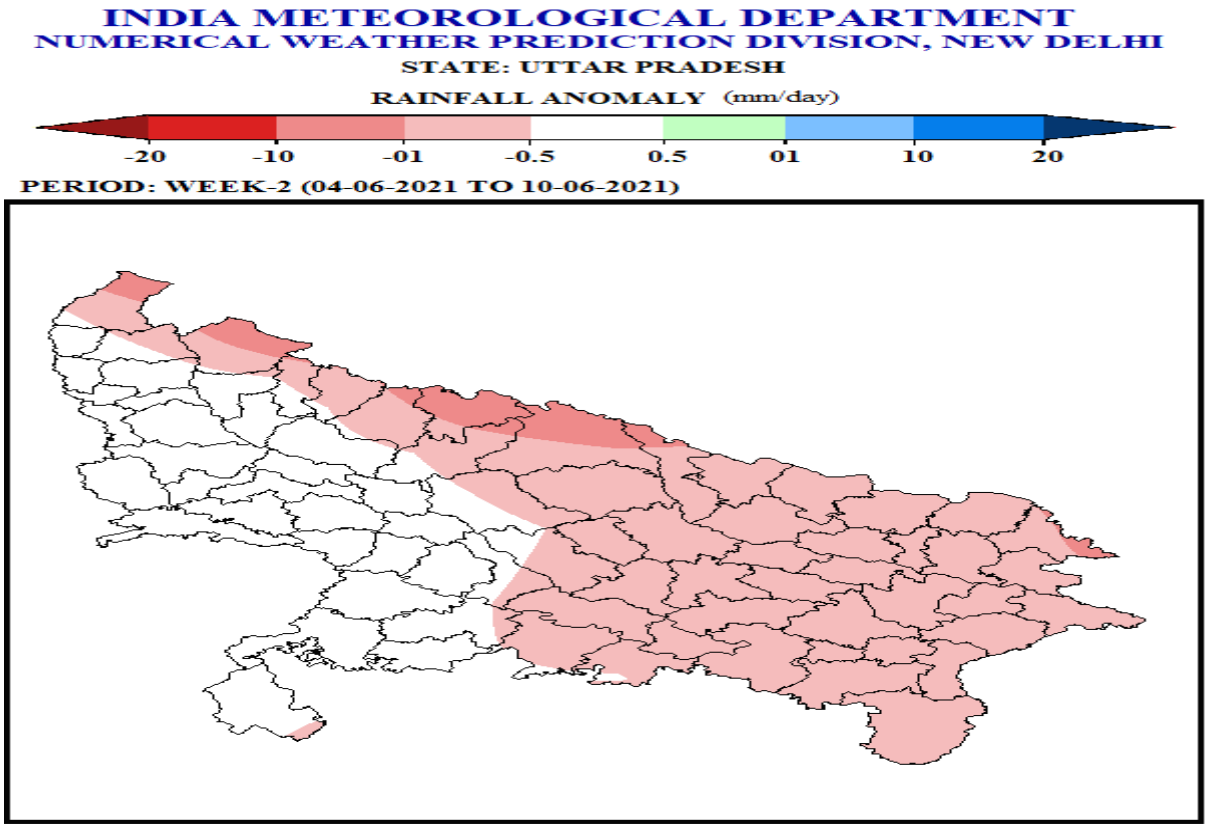

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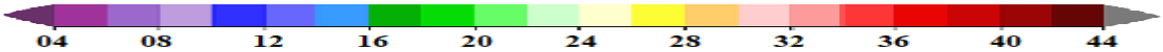
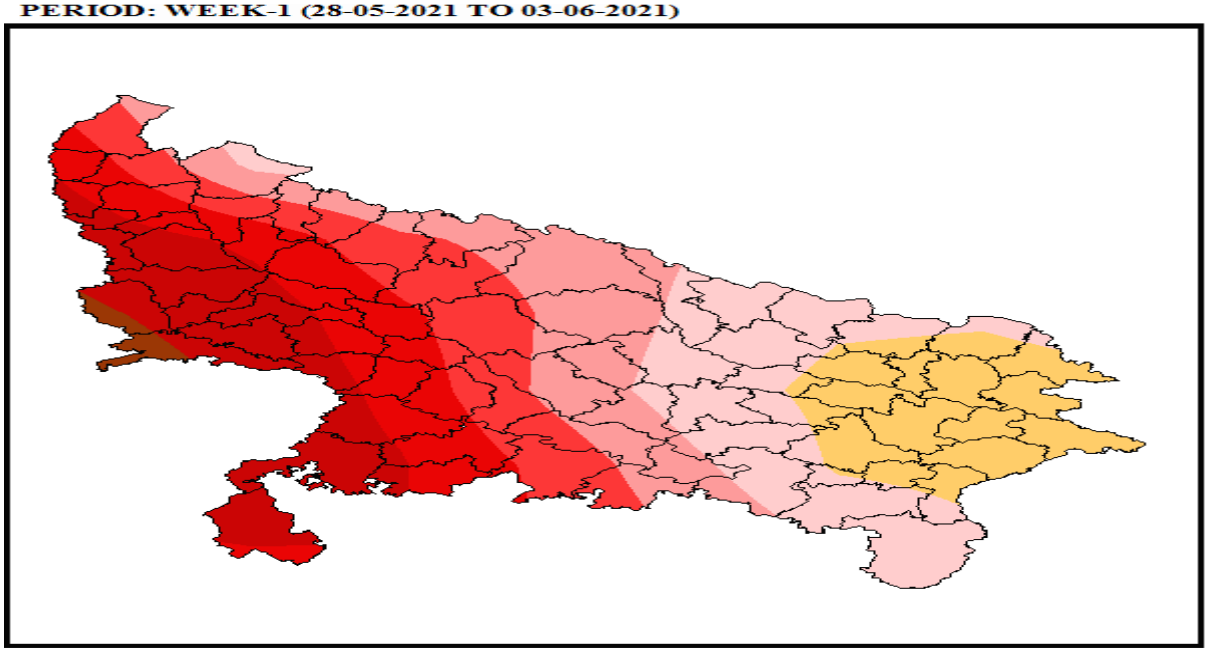
MAXIMUM TEMPERATURE (C)



PERIOD: WEEK-1 (28-05-2021 TO 03-06-2021)



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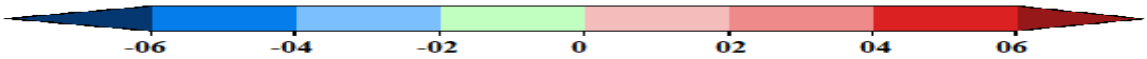
TEMPERATURE ANOMALY (C)



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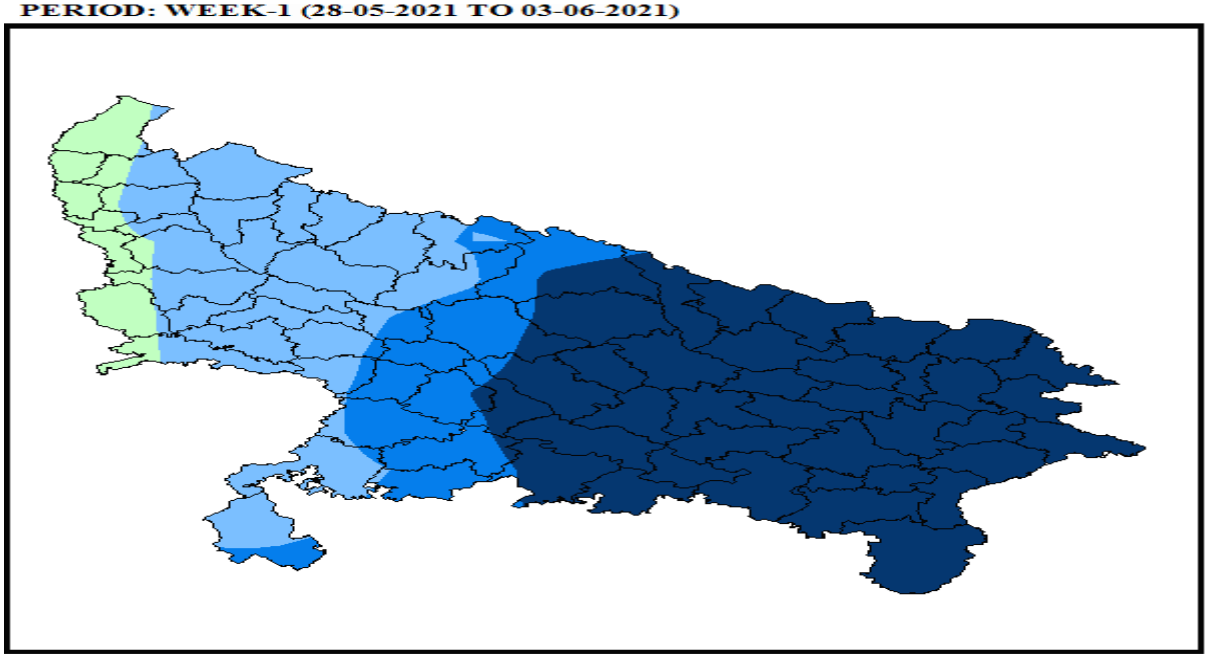

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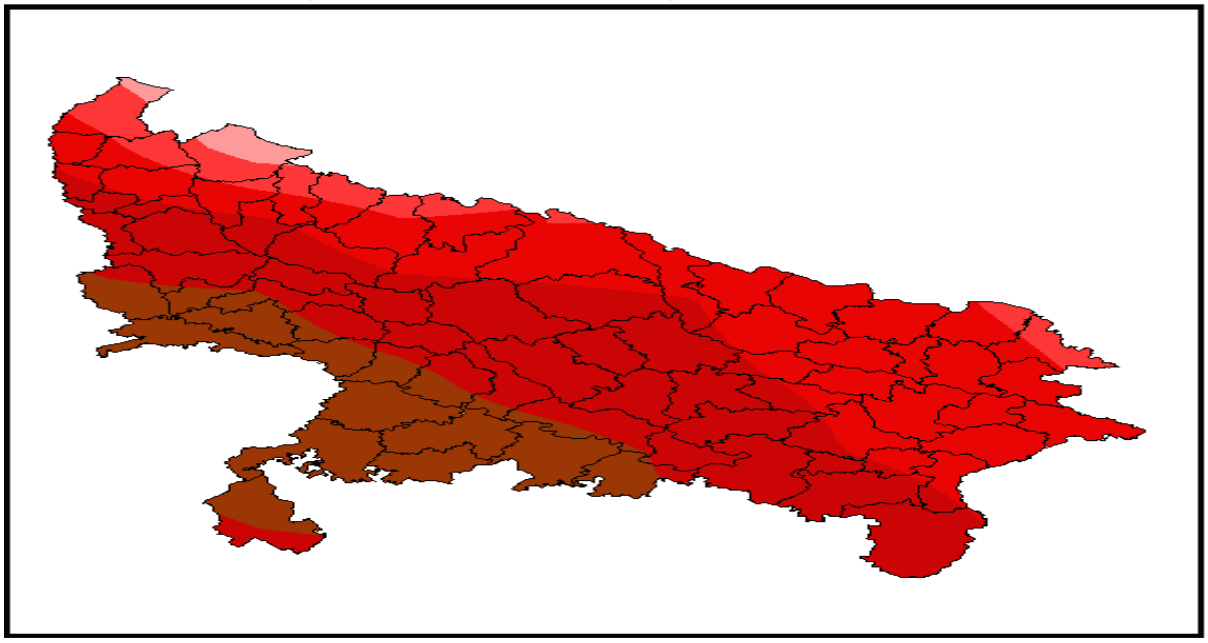
MAXIMUM TEMPERATURE (C)

04 08 12 16 20 24 28 32 36 40 44

PERIOD: WEEK-2 (04-06-2021 TO 10-06-2021)



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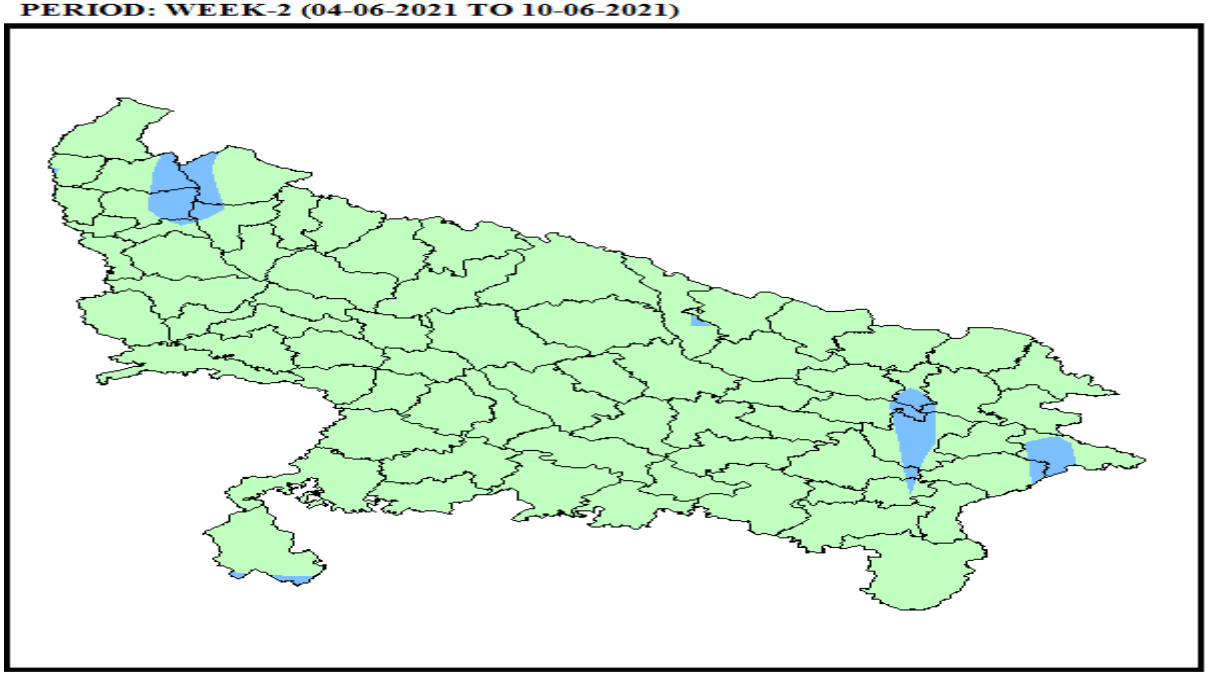

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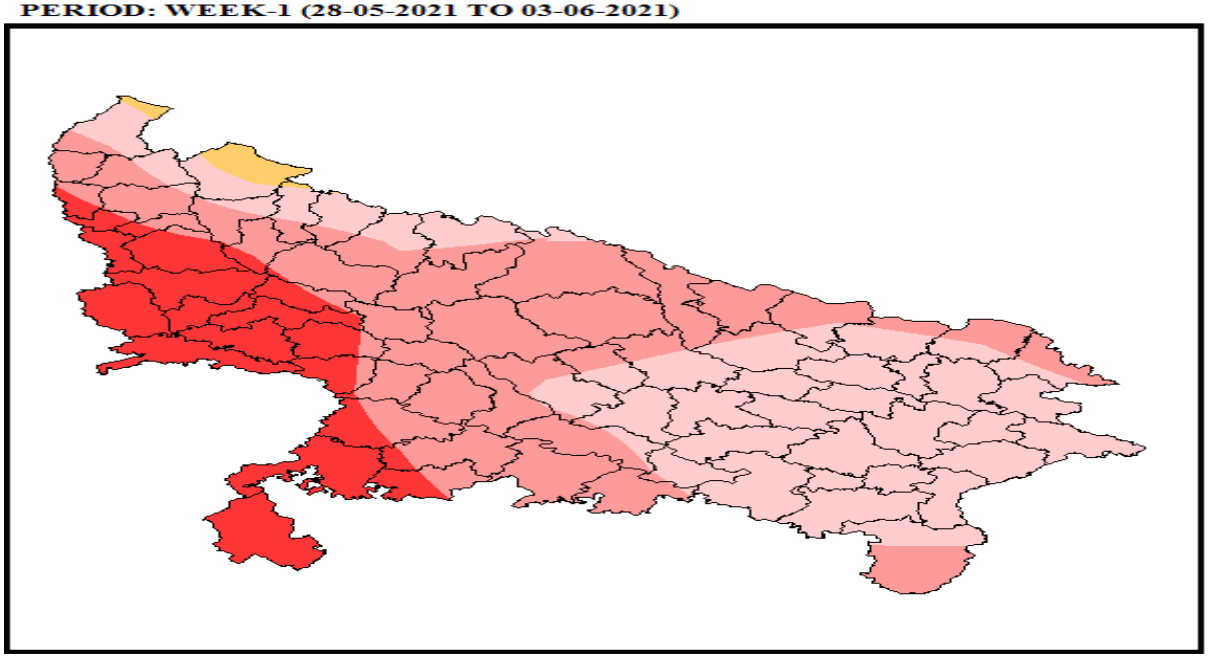

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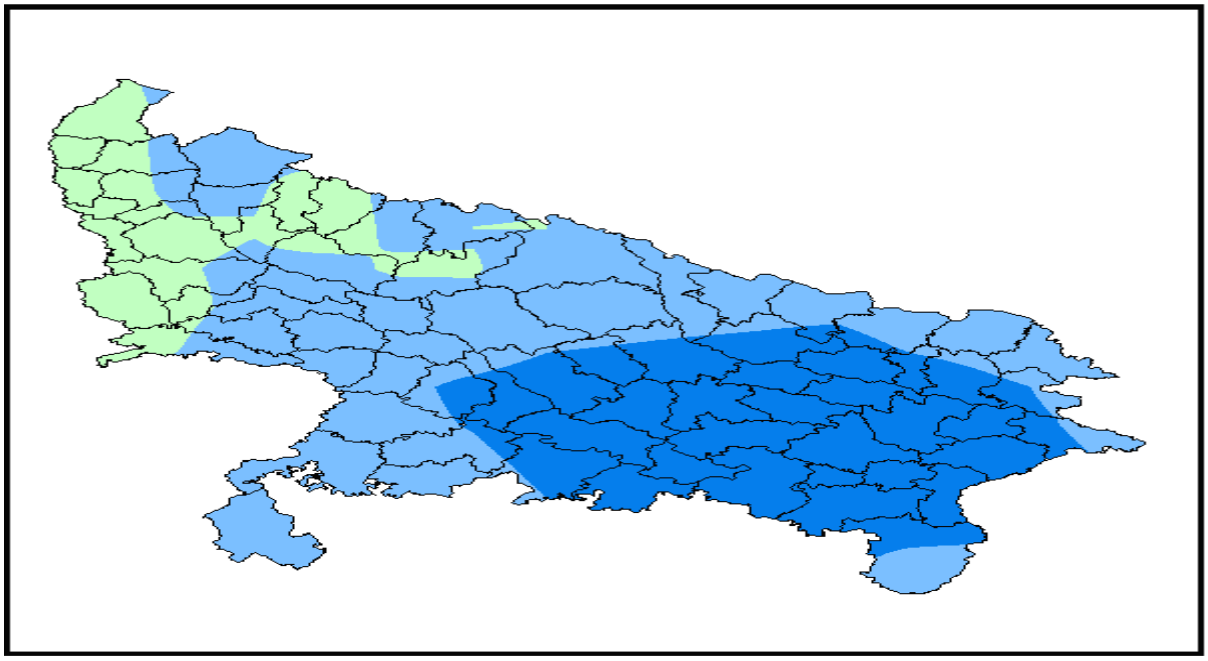

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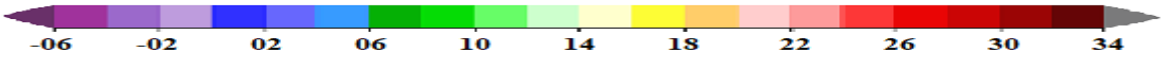
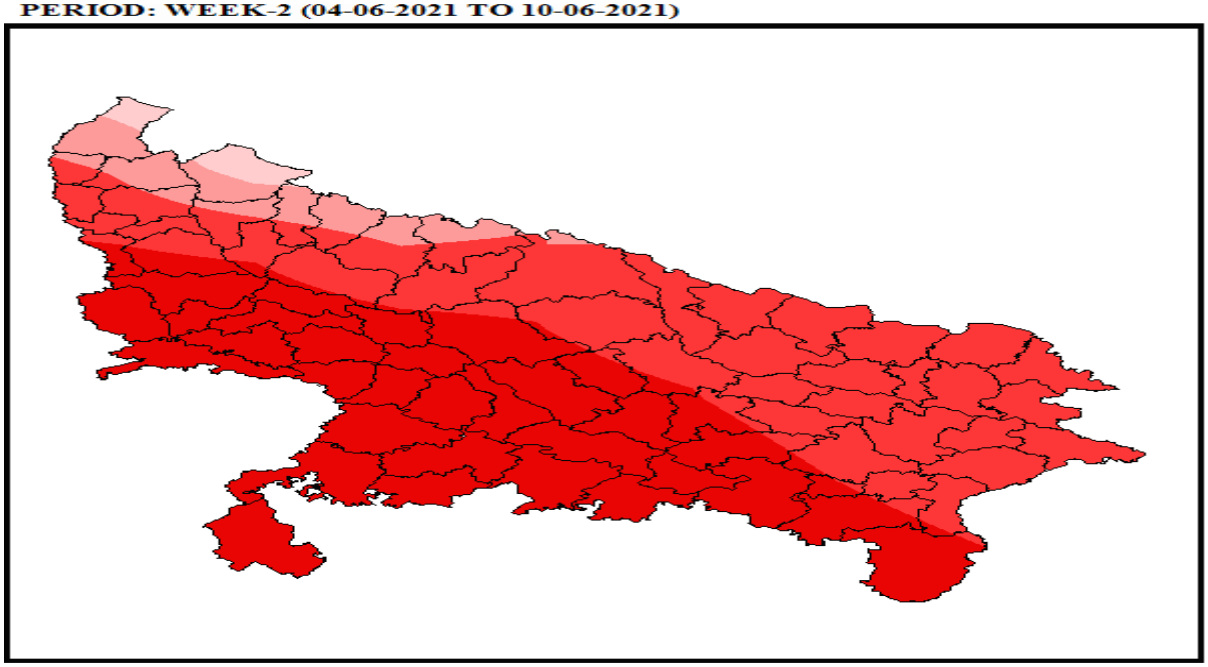


PERIOD: WEEK-2 (04-06-2021 TO 10-06-2021)



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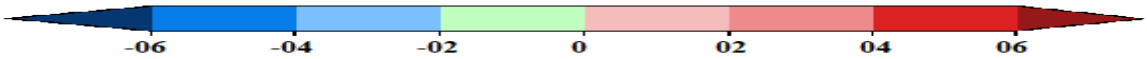

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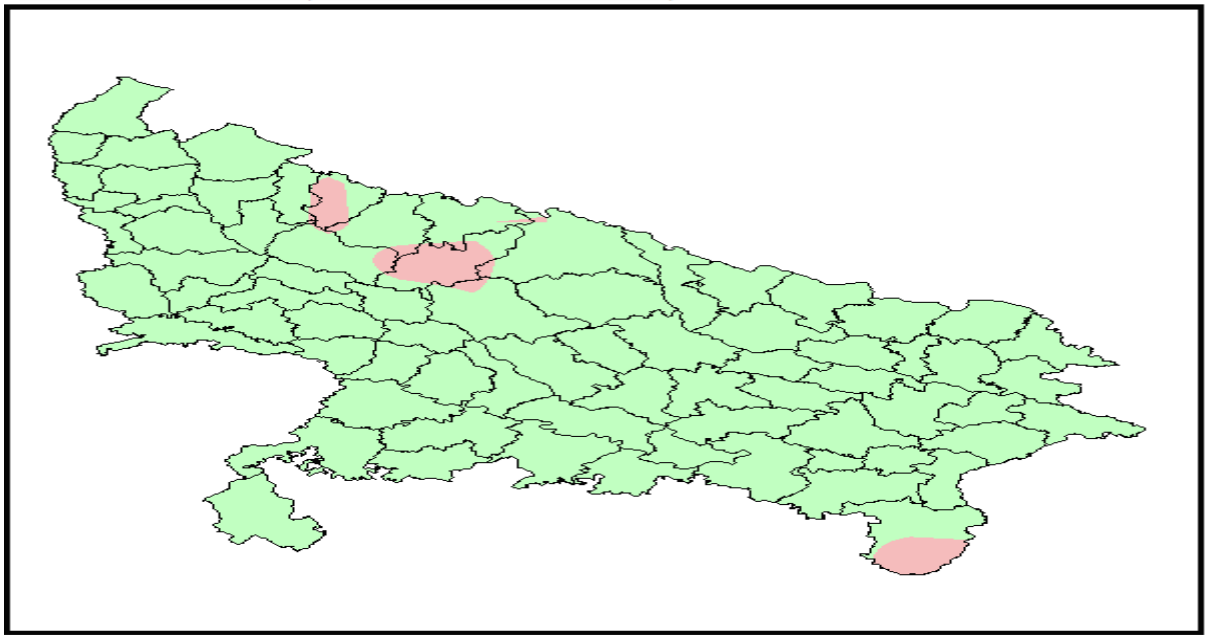

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