



Dated: 26-06-2025

**Current Weather Status and Extended Range Forecast for Gujarat region,
Saurashtra-Kutch and Diu, Daman, Dadra Nagar Haveli for next two weeks
(26th June to 10th July 2025)**

1. Salient Observed Features for week ending 25th June 2025

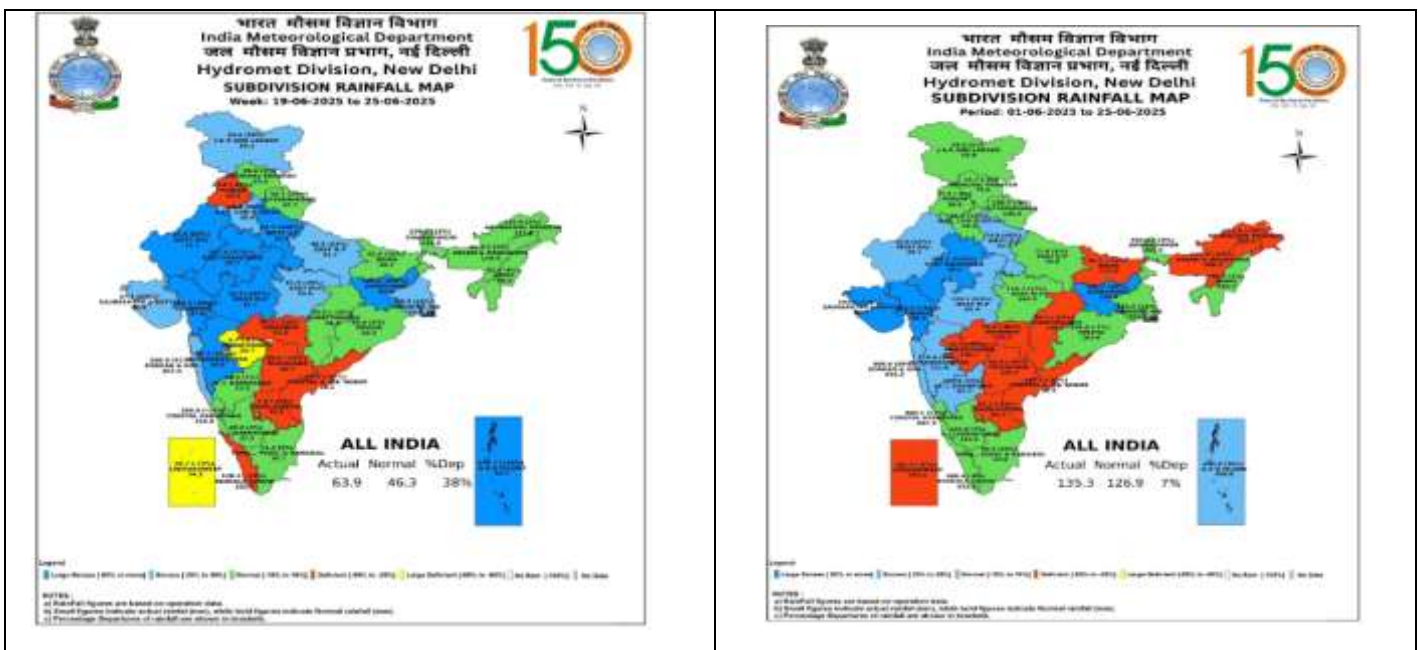
❖ **Weather realised during last 24hours:**

- **Monsoon** was active over Gujarat region; normal over Saurashtra- Kutch.
- **Very heavy rainfall occurred** at isolated places in the districts of Gujarat region namely Tapi, Surat, Navsari, Narmada & Vadodara.
- **Heavy rainfall occurred** at isolated places in the districts of Gujarat region namely Dangs, Surat, Tapi, Navsari, Narmada, Valsad, Panchmahal, Chhota Udepur & Vadodara.

❖ **No Heat wave** condition was observed across the state during the week.

(i) Analysis of Weekly overall Rainfall distribution during the week ending on 25th June 2025 and Season's Rainfall Scenario (1st June – 25th June 2025):

- The rainfall analysis shows that the weekly (for 19th June to 25th June 2025) cumulative rainfall in % departure from its long period average (LPA) was in large excess category for Gujarat region (+305%) and excess category for Saurashtra-Kutch (+23%). Seasonal cumulative rainfall % departure during 01st June to 25th June was in large excess category for both Gujarat Region (+144%) and Saurashtra-Kutch (+126%). The meteorological sub division–wise rainfall for week and season are given in **Fig. 1**.



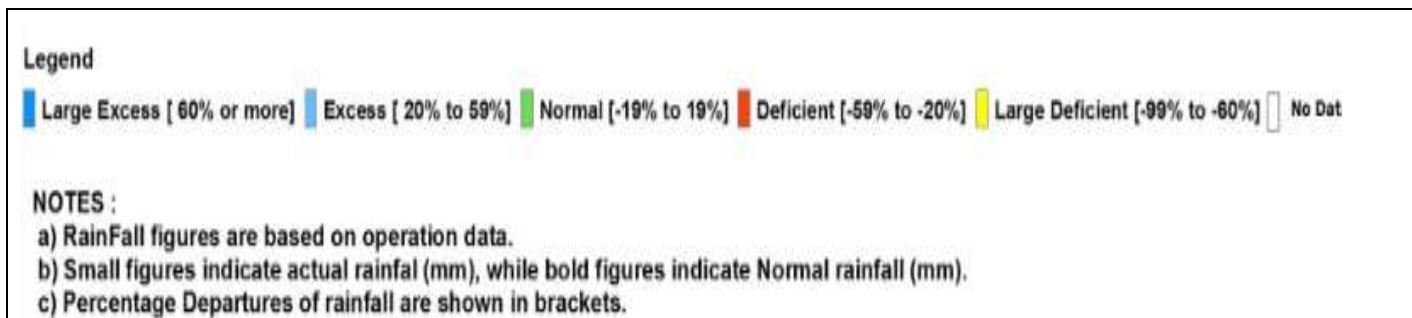


Fig. 1: Statewise Weekly and Seasonal cumulative rainfall (normal, actual and departure).

(ii) Temperature Scenario (past 24 hours):

Maximum temperatures remained near normal to below normal during most of the days of the week.

2. Large Scale Features:

- Currently, neutral El Nino-Southern Oscillation (ENSO) conditions are prevailing over the equatorial Pacific region. The latest MMCFS as well as other climate model forecasts indicate that the neutral ENSO conditions are likely to continue during 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 5 with amplitude close to 1. It is very likely to move very slowly eastward through phase 6 at the beginning of the first week. Thereafter, the MJO signal is likely to propagate across phases 7, 8 and 1 before entering into phase 2 along the diagonal of the phase diagram with very low amplitude during the later part of week 1. Subsequently, the MJO is likely to take a looping turn back along the diagonal across phases 3, 4 and 5 with very weak amplitude during week 2.

3. Forecast for next two weeks:

(i) Weather systems & associated Precipitation:

Week 1 (26 June to 02 July 2025):

- A low-pressure area has formed over Northwest Bay of Bengal and adjoining coastal areas of Odisha and West Bengal at 0830 hours IST of today, the 26th June 2025. It is likely to move west-northwestwards across north Odisha and adjoining Gangetic West Bengal, Jharkhand and Chhattisgarh.
- A trough runs from northeast Arabian Sea to the cyclonic circulation associated with low pressure area over northwest Bay of Bengal and adjoining coastal areas of Odisha and West Bengal across south Gujarat, Madhya Pradesh, Chhattisgarh in lower & middle tropospheric levels.

Under the influence of the above weather systems and other synoptic conditions in coming days:

- Heavy to very heavy rains at isolated places very likely over Gujarat Region during 26 June to 2 July, 2025 and over Saurashtra-Kutch during 26 to 28 June, 2025.
- Heavy rain very likely at isolated places over Saurashtra-Kutch during 29 June to 02 July, 2025.
- Light thunderstorms accompanied with gusty winds speed reaching 30-40 Km/h are also very likely over Gujarat State during 26th to 30th June, 2025.

Fig. 2 and 3 respectively depict districtwise heavy rainfall and thunderstorm warning maps.

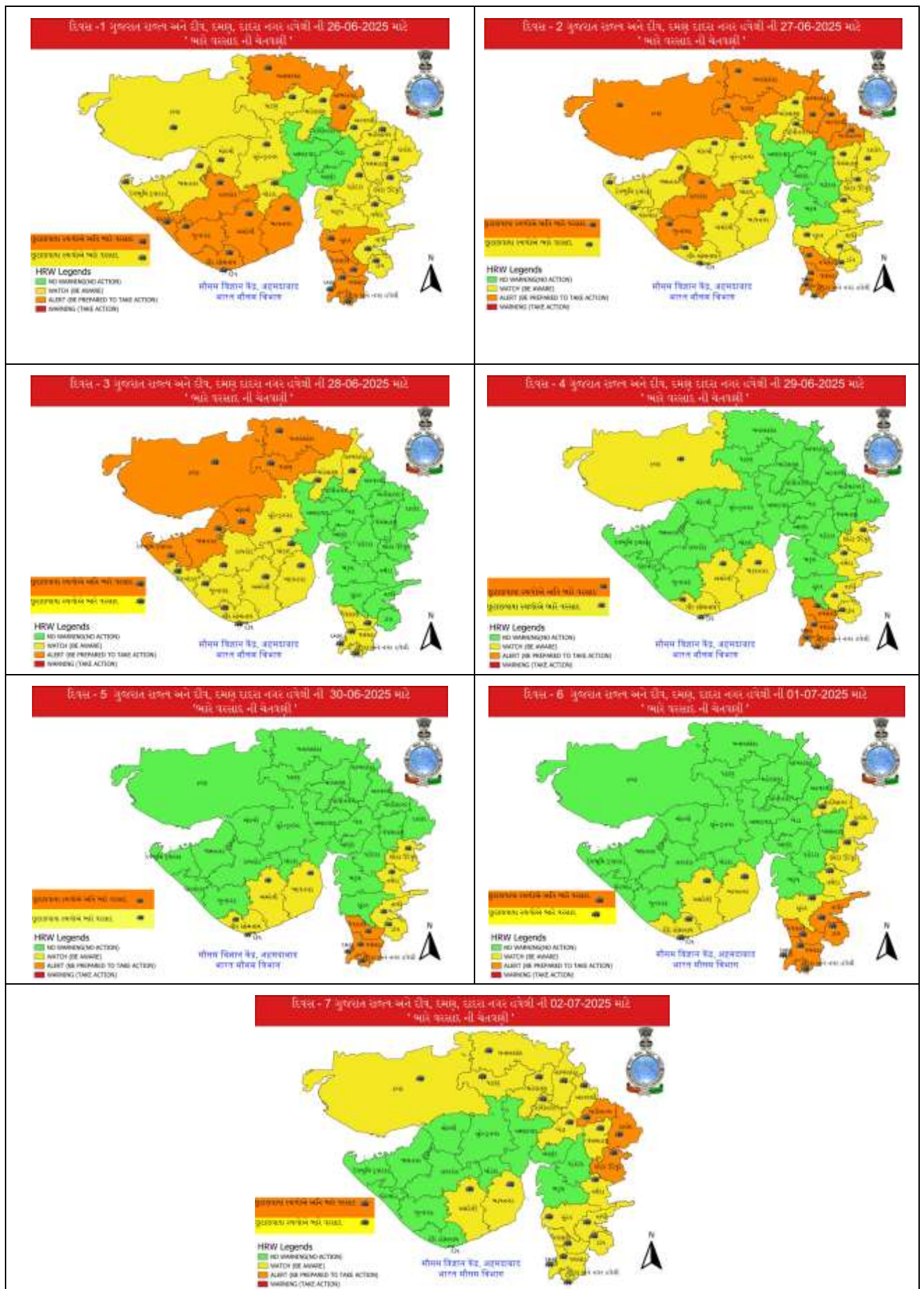


Fig. 2: Districtwise Heavy Rainfall warning maps for Gujarat during week 1 (26-06-25 to 02-07-25)

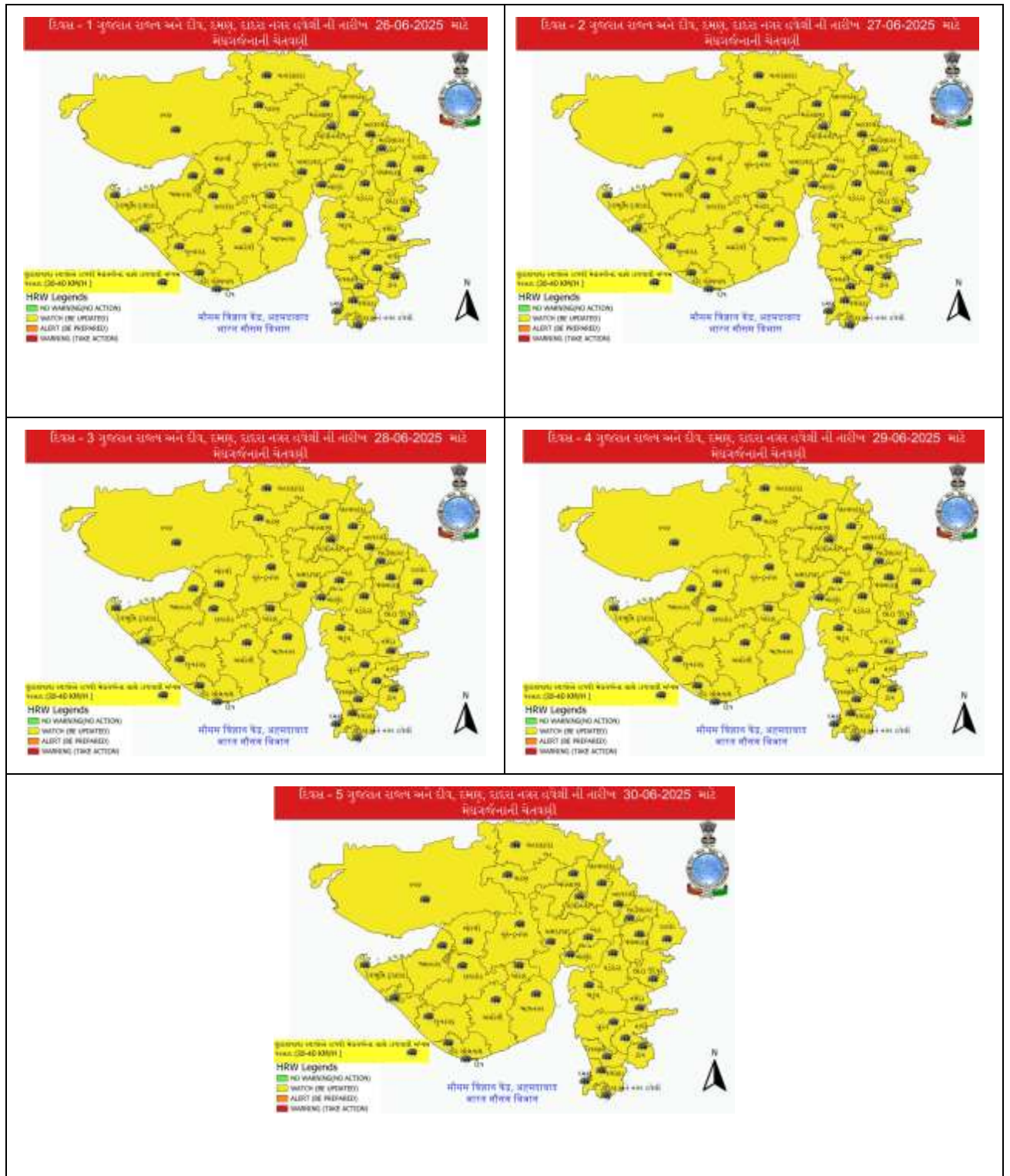


Fig. 3: Districtwise Thunderstorm Warning maps of Gujarat during 26-06-25 to 30-06-2025

Week 2 (03 July to 10 July 2025):

- Monsoon trough is likely to be active and near its normal position during most days of the week. As a result, fairly widespread to widespread rainfall with isolated heavy falls likely over many places of Gujarat state during many days of the week.
- Overall, above normal rainfall activity is likely over most parts of Gujarat State during the week (**Fig. 4**).

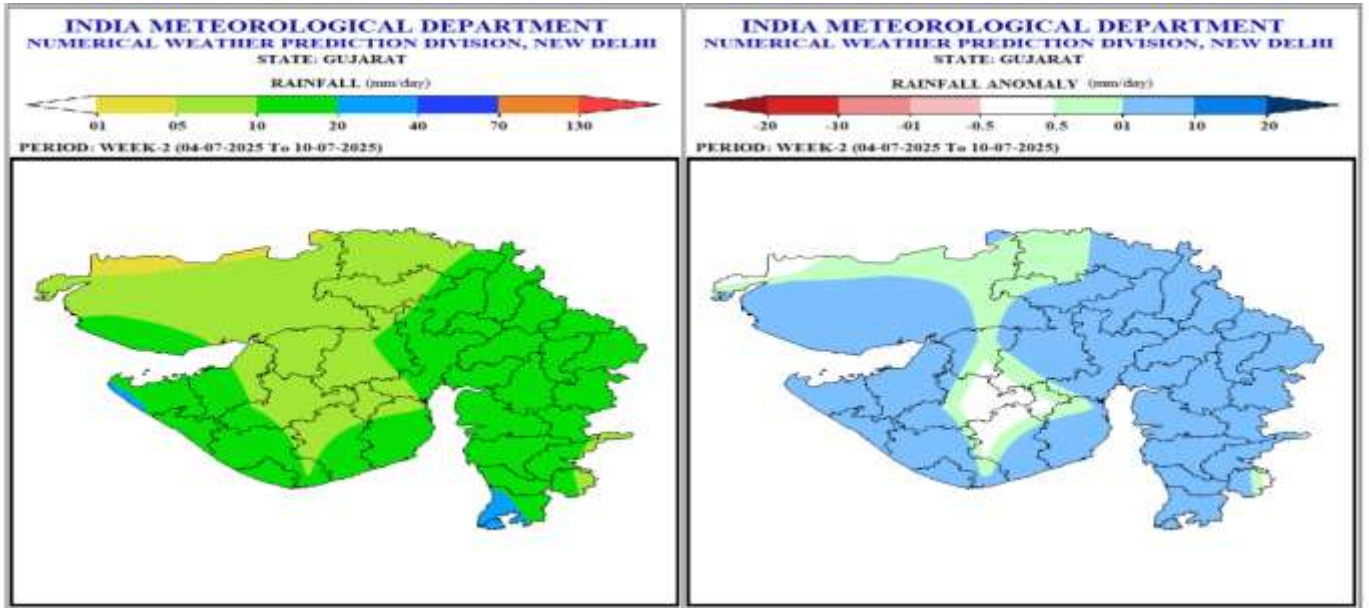


Fig. 4: Rainfall distribution and anomaly over Gujarat during the week 2

(ii) Temperature forecast & heat wave warning:

❖ Week 1 (26 June to 02 July 2025):

Maximum Temperature:

- No large change in maximum temperature during the week very likely over the region. Due to enhanced rainfall activity they are likely to remain below normal by 2-6 deg Celsius over Gujarat Region and upto 4 deg C over Saurashtra-Kutch. They are likely in the range of 28-32 deg C over most parts of Gujarat Region & Saurashtra and in the range of 32-34 deg C over remaining Kutch. These are. (Fig. 5).

Heat Wave and Hot & Humid weather warnings:

- There is no probability of heat wave conditions over the State during the week.

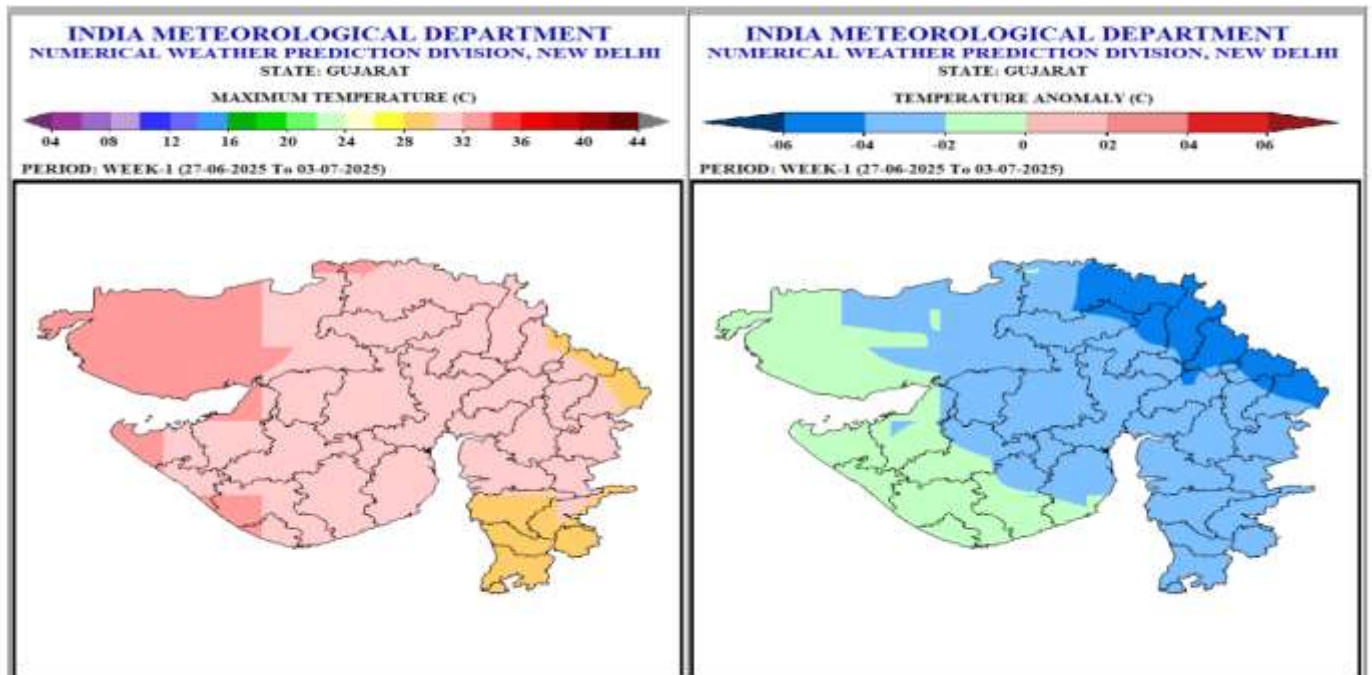


Fig. 5: Maximum temperature distribution and anomaly over Gujarat during week-1

❖ Week 2 (03 July to 10 July 2025):

Maximum Temperatures:

- Due to continuation of enhanced rainfall activity during week two also maximum temperatures are likely to remain below normal by upto 4 deg C over the state. They are likely to be in the range of 30-32 deg C over entire Gujarat except western parts of Kutch where they are likely to be in the range of 32-34 deg C. (**Fig. 6**).

Heat Wave and Hot & Humid weather warnings:

- There is no probability of heat wave conditions over the State during the week.

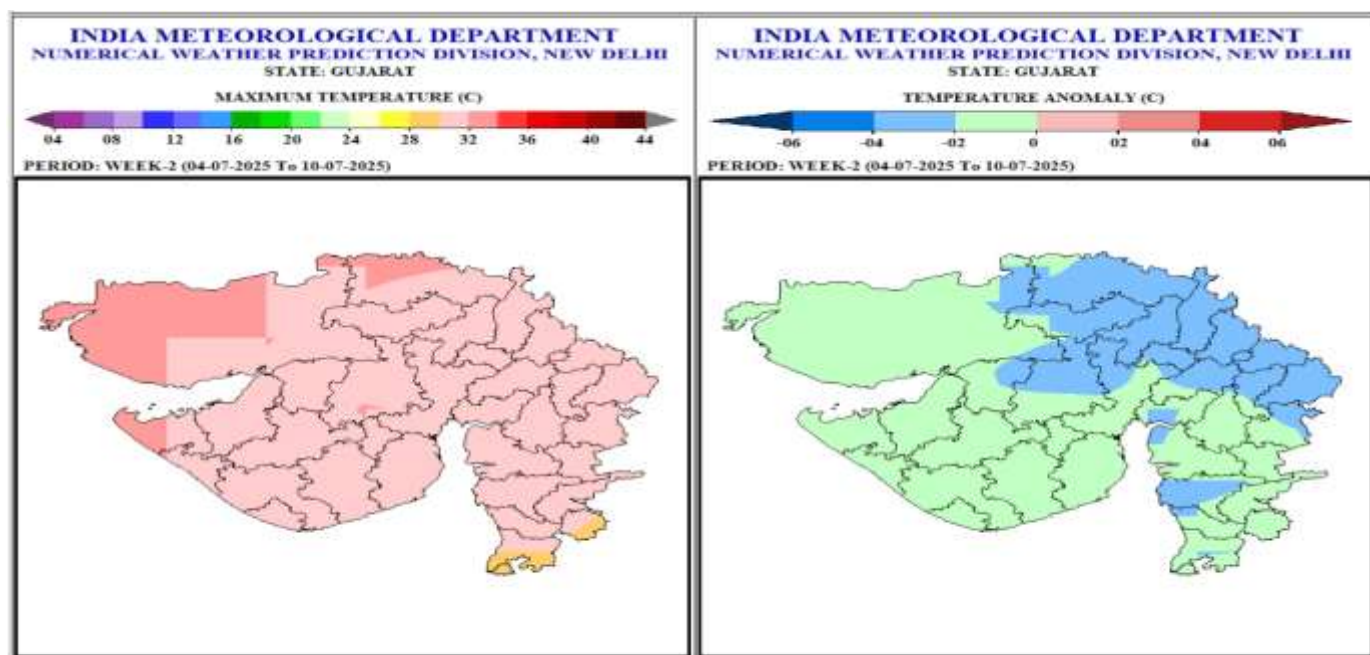


Fig. 6: Maximum temperature distribution and anomaly over Gujarat during week-2

4. Extended range outlook for Cyclogenesis for week 1 (27-06-2025 to 03-07-2025) and week 2 (04-07-2025 to 10-07-2025):

Considering large-scale environmental features and model guidance, it is inferred that:

1. The existing low pressure area over northwest Bay of Bengal and adjoining coastal areas of north Odisha and West Bengal is likely to move west-northwestwards across north Odisha & adjoining Gangetic West Bengal during the next two days.
2. There is a likelihood of the formation of another low pressure area over North Bay of Bengal and adjoining West Bengal & Bangladesh around 29th June. It is likely to move slowly westnorthwestwards and become more marked by 30th June. There is a low probability for further intensification into a depression over Gangetic West Bengal and neighbourhood during the subsequent 24 hours.
3. There is no probability of cyclogenesis over the North Indian Ocean region during week 2. However, an upper-air cyclonic circulation/low pressure area is likely to form over the north Bay of Bengal and move west-northwestwards during the week (**Fig. 7**).

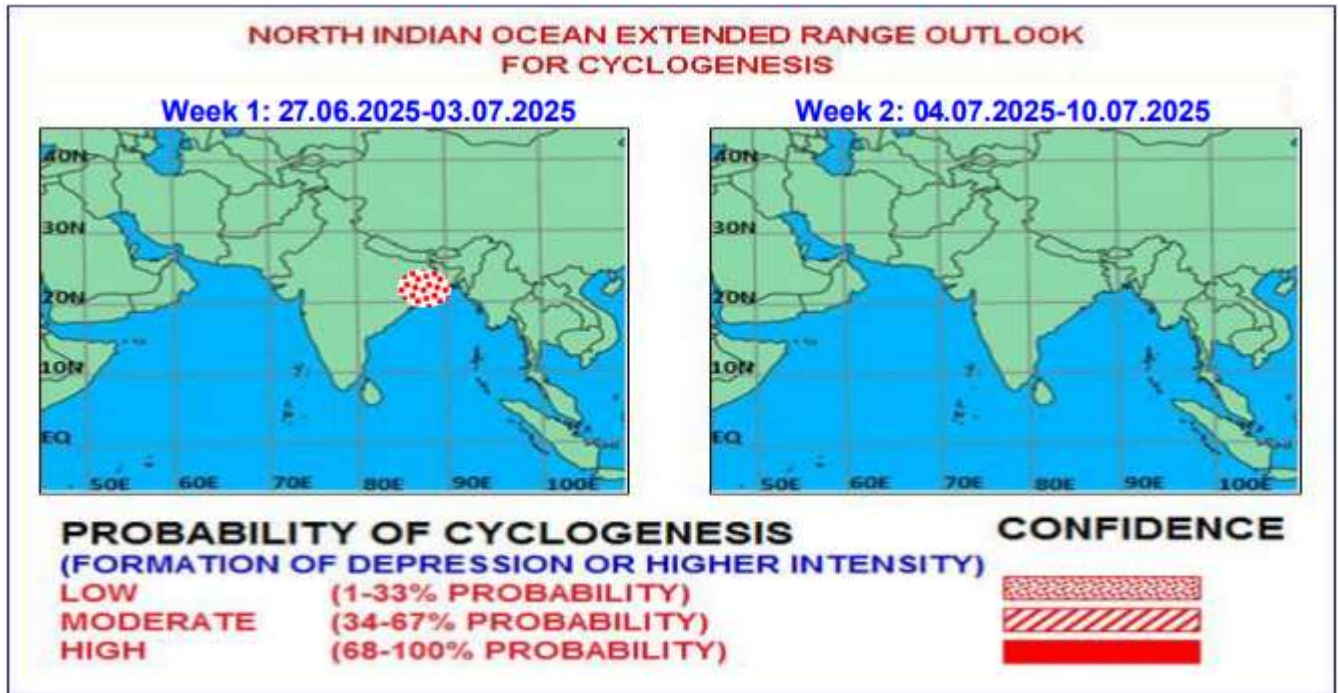


Fig. 7: Graphical Cyclogenesis over the north Indian Ocean during next two weeks

*The next extended range Bulletin will be issued on 03-07-2025.
