



Date: 14th May, 2025

Time of issue: 1800 hours IST (evening)

Weather forecast Bulletin for Gujarat state and Diu, Daman, Dadra Nagar Haveli.
Based on 1200 UTC observation/chart and available NWP model outputs dated 14.05.2025

Weather realised during past 24 hours ending at 0830 hours IST of 14-05-2025:

- Rainfall occurred at isolated places over Gujarat region and Saurashtra. Weather was dry over Kutch.
- There was no large change in day temperatures over the region. These were below normal to appreciably below normal in parts of North Gujarat region and Saurashtra; below normal in parts of South Gujarat Region; above normal in parts of Kutch; normal over rest of the region.

Synoptic Situation:

- An upper air cyclonic circulation lies over Gujarat state between 3.1 and 5.8 km above mean sea level.
- Yesterday's trough from Saurashtra to east central Arabian Sea has become less marked.

STATE FORECAST

WEATHER FORECAST for next 7 days: Valid up to 0830 hours IST of 21/05/2025

Detailed 7 days weather forecast for Gujarat State, Diu, Daman, Dadra & Nagar Haveli is given below

Forecast for MAXIMUM TEMPERATURE

- Rise in maximum temperature by 2-4°C during next 4 days, thereafter, no large change very likely over the region.

DAY-1

(Valid from time of origin to 0830 Hrs. IST of 15/05/2025)

Light to Moderate rain/thundershowers very likely at isolated places in all the districts of Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod, Mahisagar, Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Navsari, Valsad, Tapi and in Daman, Dadara Nagar Haveli; in all the districts of Saurashtra-Kutch namely Surendranagar, Rajkot, Jamnagar, Porbandar, Junagadh, Amreli, Bhavnagar, Morbi, Dwarka, Gir Somnath, Botad, Kutch and in Diu.

DAY-2

(Valid from 0830 Hrs. IST of 15/05/2025 to 0830 Hrs. IST of 16/05/2025)

Light to Moderate rain/thundershowers very likely at isolated places in all the districts of South Gujarat region namely Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Navsari, Valsad, Tapi and in Daman, Dadara Nagar Haveli; in the districts of North Gujarat region namely Aravalli, Panchmahal, Dahod and Mahisagar; in the districts of Saurashtra namely Rajkot, Junagadh, Amreli, Bhavnagar, Gir Somnath and in Diu.

Dry weather very likely in remaining districts of the region.

DAY-3**(Valid from 0830 Hrs. IST of 16/05/2025 to 0830 Hrs. IST of 17/05/2025)**

Light to Moderate rain/thundershowers very likely at isolated places in the districts of Gujarat region namely Dahod, Chhotaudepur, Narmada, Surat, Dang, Navsari, Valsad, Tapi and in Daman, Dadara Nagar Haveli.

Dry weather very likely in remaining districts of the region.

DAY-4**(Valid from 0830 Hrs. IST of 17/05/2025 to 0830 Hrs. IST of 18/05/2025)**

Light to Moderate rain/thundershowers very likely at isolated places in the districts of Gujarat region namely Dahod, Chhotaudepur, Narmada, Surat, Dang, Navsari, Valsad, Tapi and in Daman, Dadara Nagar Haveli.

Dry weather very likely in remaining districts of the region.

DAY-5**(Valid from 0830 Hrs. IST of 18/05/2025 to 0830 Hrs. IST of 19/05/2025)**

Dry weather very likely over the region.

DAY-6**(Valid from 0830 Hrs. IST of 19/05/2025 to 0830 Hrs. IST of 20/05/2025)**

Dry weather very likely over the region.

DAY-7**(Valid from 0830 Hrs. IST of 20/05/2025 to 0830 Hrs. IST of 21/05/2025)**

Dry weather very likely over the region.

WEATHER WARNING**for next 7 days for Gujarat State Diu, Daman, Dadra & Nagar Haveli**

DAY 1:	Light to Moderate thunderstorm with lightning and surface wind 40- 50 kmph (in gust) accompanied with light to moderate rain very likely at isolated places in all the districts of Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod, Mahisagar, Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Navsari, Valsad, Tapi and in Daman, Dadara Nagar Haveli; in all the districts of Saurashtra-Kutch namely Surendranagar, Rajkot, Jamnagar, Porbandar, Junagadh, Amreli, Bhavnagar, Morbi, Dwarka, Gir Somnath, Botad, Kutch and in Diu.
DAY 2:	Light thunderstorm with lightning and surface wind 30- 40 kmph (in gust) accompanied with light to moderate rain very likely at isolated places in all the districts of South Gujarat region namely Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Navsari, Valsad, Tapi and in Daman, Dadara Nagar Haveli; in the districts of North Gujarat region namely Aravalli, Panchmahal, Dahod and Mahisagar; in the districts of Saurashtra namely Rajkot, Junagadh, Amreli, Bhavnagar, Gir Somnath and in Diu.
DAY 3:	NIL
DAY 4:	NIL
DAY 5:	NIL
DAY 6:	NIL
DAY 7:	NIL

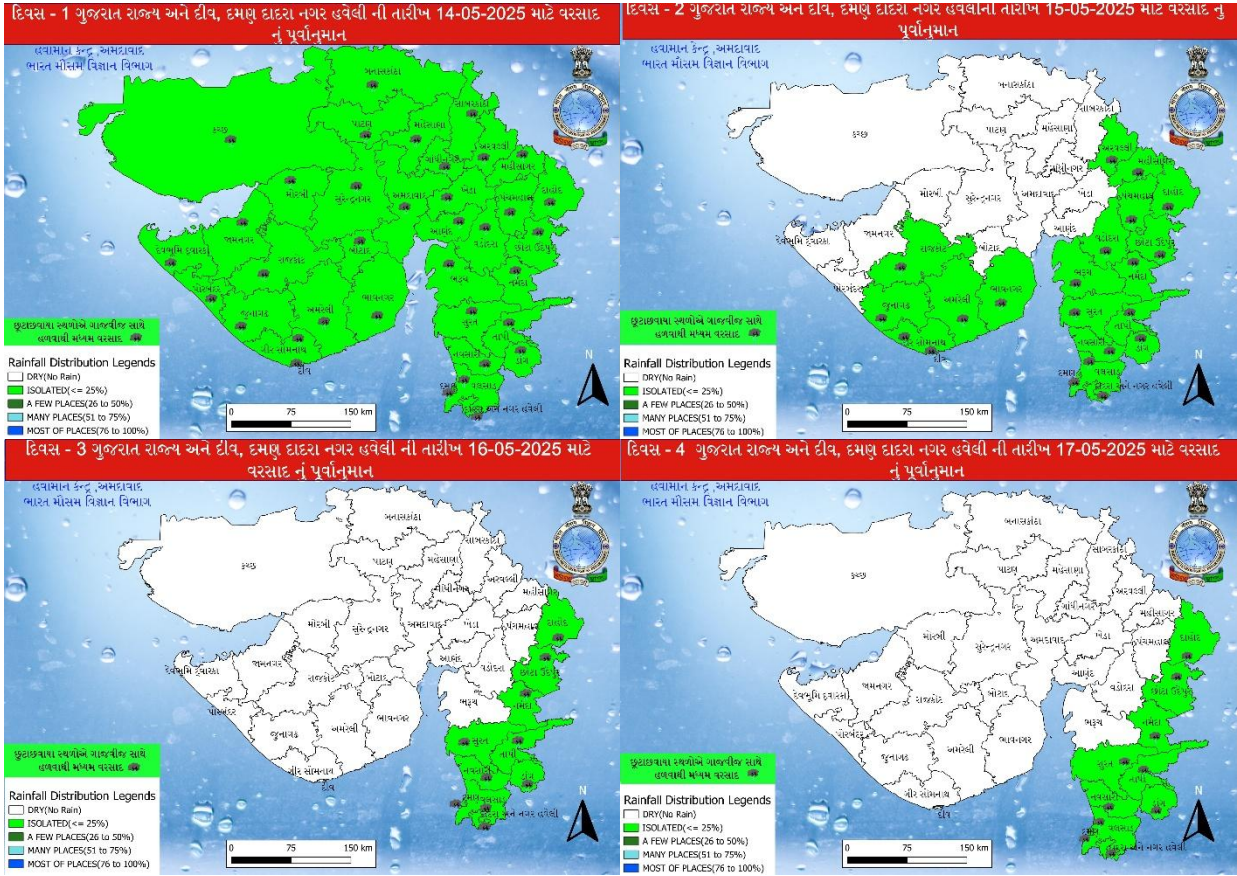
WEATHER OUTLOOK

For subsequent 2 days (i.e. for day 8 & 9) valid from 0830 hrs. IST of 21/05/2025 to 0830 hrs. IST of 23/05/2025: No large change.

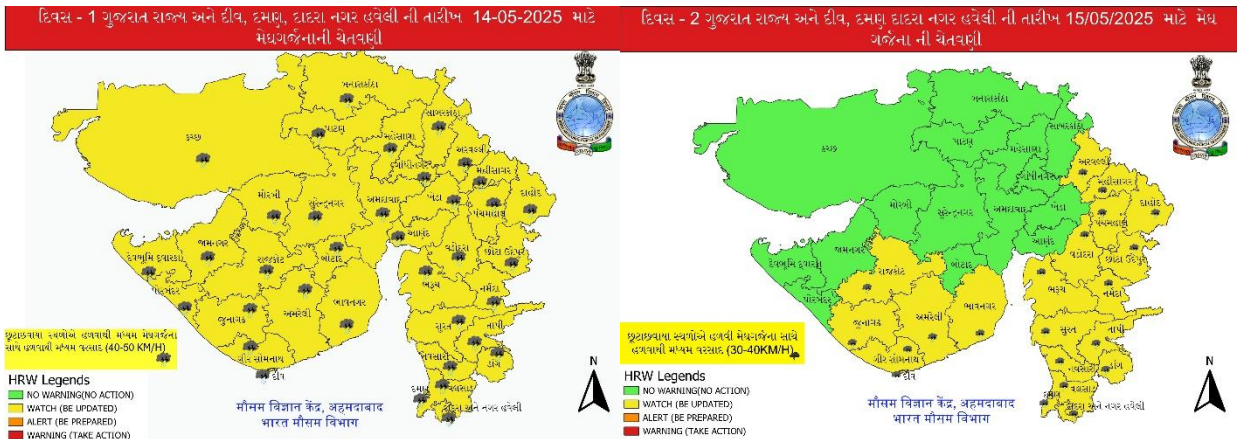
FORECAST FOR AHMEDABAD & NEIGHBOURHOOD valid till 0830 hours IST of 15/05/2025

- Light to moderate rain/thunder showers with wind speed 40- 50 kmph (in gust) very likely.
- Maximum temperature 39 °C very likely.

RAINFALL DISTRIBUTION MAPS



THUNDERSTORM WARNING MAPS



Impact expected and action suggested due to isolated thunderstorm with lightning/gusty & Squally winds & Hailstorm:

Impacts expected	Actions suggested
<ul style="list-style-type: none"> • Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops. • Minor to Major damage to banana and papaya trees. • Minor to major damage to power and communication lines due to breaking of branches. • Strong wind/hail may damage plantation, horticulture and standing crops. • Hail may injure people and cattle at open places. • Partial damage to vulnerable structures due to strong winds. • Minor damage to kutchha houses/walls and huts. • Loose objects may fly. 	<ul style="list-style-type: none"> • People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly. • Stay indoors, close windows & doors and avoid travel if possible. • Take safe shelters; do not take shelter under trees. • Do not lie on concrete floors and do not lean against concrete walls. • Unplug electrical/ electronic appliances. • Immediately get out of water bodies. • Keep away from all the objects that conduct electricity.

Legends: -

24 HRS CHANGE FROM ACTUAL IN MAXIMUM & MINIMUM TEMPERATURE		24 HRS DEPARTURE FROM NORMAL IN MAXIMUM & MINIMUM TEMPERATURE	
Markedly Rise	(> 4.0)	Markedly above normal	(> + 5.0)
Appreciably Rise	(+ 2.1 to 4.0)	Appreciably above normal	(+ 3.1 to + 5.0)
No large change	[-2,2]	Above normal	(+ 1.6 to 3.0)
Appreciably fall	(- 2.1 to - 4.0)	Normal	[-1.5, +1.5]
Markedly fall	(< -4.0)	Below normal	(- 1.6 to - 3.0)
		Appreciably below normal	(- 3.1 to -5.0)
		Markedly below normal	(< - 5.0)

Terminology for Spatial Distribution of rainfall: -

Spatial Distribution of Rainfall	Descriptive term used	Criteria for observed/forecast weather
Dry	Dry	No station reported/expecting rainfall
Isolated	One or two Places	≤25% of stations get/expected to get rainfall
Scattered	At a few Places	(26–50) % of stations get/expected to get rainfall
Fairly Widespread	At many Places	(51–75) % of stations get/expected to get rainfall
Wide spread	At most places	(76–100) % of stations get/expected to get rainfall

Terminology for intensity of 24 hour accumulated rainfall:-

Terminology	Rainfall (mm)	Rainfall (cm)
Very light rainfall	Trace -2.4	--
Light rainfall	2.5-15.5	Upto 1
Moderate rainfall	15.6-64.4	2-6
Heavy Rainfall	64.5- 115.5	7-11
Very Heavy Rainfall	115.6-204.4	12-20
Extremely heavy rainfall	Greater than or equal to 204.5 mm	21 cm or more
Exceptionally Heavy Rainfall	When the rainfall observed is a value near about the highest recorded rainfall at or near the station for the month or the season. However, this term will be used only when the actual rainfall amount exceeds 12 cm	

Terminology for probability of occurrence of weather event: -

Term	Probability of occurrence
Unlikely	Less than 25%
Likely	25% to 50%
Very likely	50% to 75 %
Most likely	more than 75%
