



भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT
मौसम विज्ञान केंद्र, अहमदाबाद
METEOROLOGICAL CENTRE, AHMEDABAD
आरएस/आरडब्ल्यू बिल्डिंग, अहमदाबाद हवाई अड्डा, अहमदाबाद-380003
RS/RW Building, Ahmedabad Airport, Ahmedabad-380003
☎ 079-29702418/ 29702419/ 22858020



Time of issue: 1200 Hrs. IST

25/2015(3.7)/2024/08/01/01

Weather forecast bulletin for Gujarat state and Diu, Daman, Dadra Nagar Haveli.
Based on 0300 UTC obsn. /chart and available NWP model outputs dated 01.08.2024

Weather realised during 24 hours ending at 0830 hours IST of 01-08-2024.

- Rainfall occurred at a few places over Gujarat region; at many places over Saurashtra-Kutch.

SYNOPTIC SITUATION: -

- The cyclonic circulation over north Arabian sea now lies over northeast Arabian sea and adjoining Saurashtra at 4.5 km above mean sea level tilting southwards with height. The off-shore trough at mean sea level along South Gujarat to Kerala coast persists.
- The shear zone roughly along 20°N between 4.5 & 5.8 km above mean sea level tilting southwards with height has become less marked.

STATE FORECAST

WEATHER FORECAST for next 7 days: Valid up to 0830 hours IST of 08/08/2024

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

DAY-1

(Valid from time of origin to 0830 Hrs. IST of 02/08/2024)

- Light to Moderate rain/thundershowers very likely **at many 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, Tapi, Navsari, Valsad and in Daman, Dadra Nagar Haveli; **at a few places** 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 02/08/2024 to 0830 Hrs. IST of 03/08/2024)

- Light to Moderate rain/thundershowers very likely **at many 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, Tapi, Navsari, Valsad and in Daman, Dadra Nagar Haveli; **at a few places** 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-3

(Valid from 0830 Hrs. IST of 03/08/2024 to 0830 Hrs. IST of 04/08/2024)

• . Light to Moderate rain/thundershowers very likely at many 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, Tapi, Navsari, Valsad 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-4 (Valid from 0830 Hrs. IST of 04/08/2024 to 0830 Hrs. IST of 05/08/2024) • Light to Moderate rain/thundershowers very likely at most 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, Tapi, Navsari, Valsad 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-5 (Valid from 0830 Hrs. IST of 05/08/2024 to 0830 Hrs. IST of 06/08/2024) • Light to Moderate rain/thundershowers very likely at most 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, Tapi, Navsari, Valsad 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-6 (Valid from 0830 Hrs. IST of 06/08/2024 to 0830 Hrs. IST of 07/08/2024) • Light to Moderate rain/thundershowers very likely at many 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, Tapi, Navsari, Valsad 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-7 (Valid from 0830 Hrs. IST of 07/08/2024 to 0830 Hrs. IST of 08/08/2024) • Light to Moderate rain/thundershowers very likely at many 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, Tapi, Navsari, Valsad 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.	
WEATHER WARNING for next 5 days for Gujarat State Diu, Daman, Dadra & Nagar Haveli	
DAY 1:	<u>Heavy rains</u> very likely at isolated places in the districts of South Gujarat region namely Bharuch, Surat, Dang, Tapi, Navsari, Valsad and in Daman, Dadara Nagar Haveli.

	<u>Light to moderate thunderstorm</u> 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 Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod, Mahisagar, Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Tapi, Navsari, Valsad 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:	<u>Heavy to very heavy rains at isolated places</u> very likely in the districts of South Gujarat region namely Surat, Navsari, Valsad and in Daman, Dadara Nagar Haveli.
	<u>Heavy rains</u> very likely at isolated places in the districts of Gujarat region namely Banaskantha, Narmada, Bharuch, Dang and Tapi.
	<u>Light to moderate thunderstorm</u> 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 Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod, Mahisagar, Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Tapi, Navsari, Valsad 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 3:	<u>Heavy to very heavy rains at isolated places with isolated extremely heavy falls</u> very likely in the district of South Gujarat region namely Surat, Navsari, Valsad and in Daman, Dadara Nagar Haveli.
	<u>Heavy to very heavy rains</u> very likely at isolated places in the districts of Gujarat region namely Chhota Udepur, Narmada, Bharuch, Dang & Tapi; in the district of Saurashtra namely Bhavnagar.
	<u>Heavy rains</u> very likely at isolated places in the districts of Gujarat region namely Banaskantha, Sabarkantha, Anand, Panchmahal & Vadodara; in the districts of Saurashtra namely Amreli, Gir Somnath and in Diu.
	<u>Light to moderate thunderstorm</u> 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 Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod, Mahisagar, Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Tapi, Navsari, Valsad 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 4:	<u>Heavy to very heavy rains</u> very likely at isolated places in the districts of Gujarat region namely Surat, Navsari, Valsad and in Daman, Dadara Nagar Haveli.
	<u>Heavy rains</u> very likely at isolated places in the districts of Gujarat region namely Narmada, Bharuch, Dang & Tapi; in the districts of Saurashtra-Kutch namely Bhavnagar, Kutch, Amreli, Gir Somnath and in Diu.
DAY 5:	<u>Heavy rains</u> very likely at isolated places in the districts of Gujarat region namely Navsari, Valsad and in Daman, Dadara Nagar Haveli.

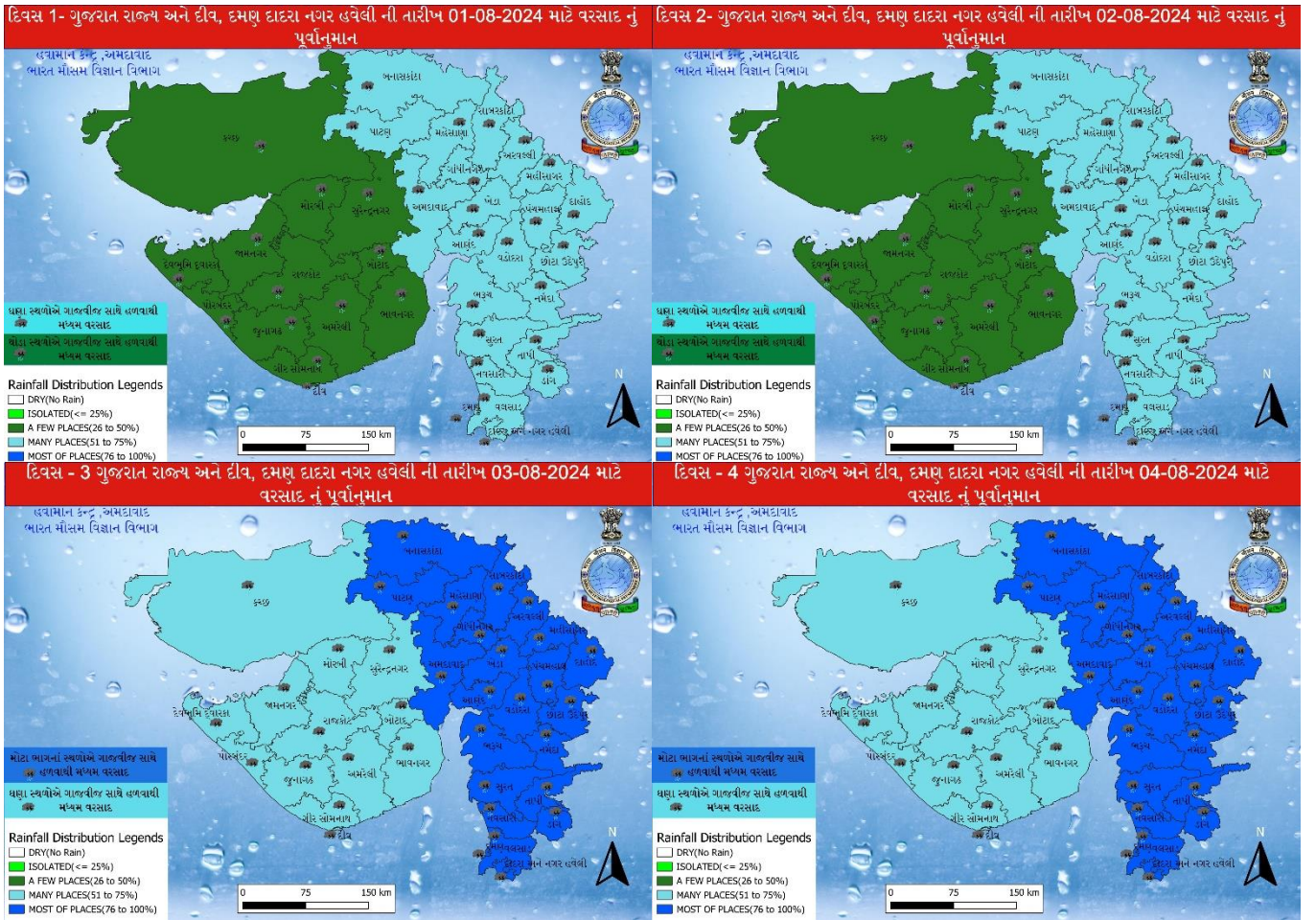
WEATHER OUTLOOK

For subsequent 2 days (i.e. for day 8 & 9) valid from 0830 hrs. IST of 08/08/2024 to 0830 hrs. IST of 10/08/2024. No large Change

FORECAST FOR AHMEDABAD & NEIGHBOURHOOD valid till 0830 hours IST of 02/08/2024

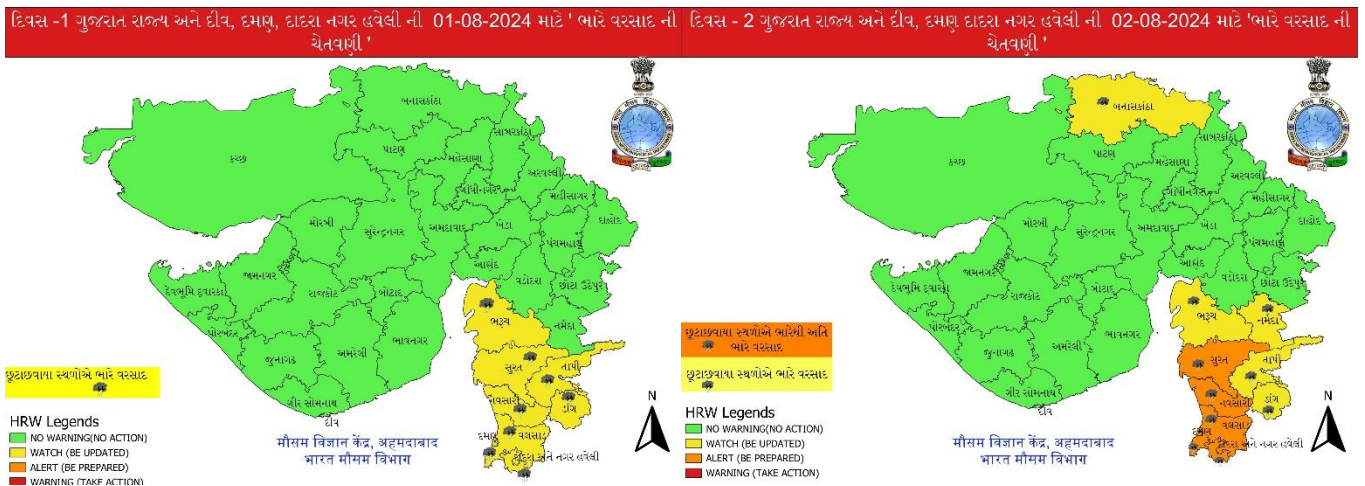
- **Light to moderate rain/thundershowers very likely.**

RAINFALL DISTRIBUTION

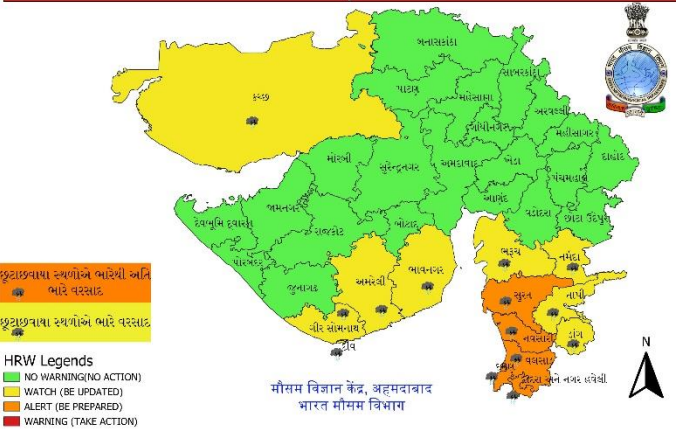




HEAVY RAIN FALL WARNING



દિવસ - 4 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 04-08-2024 માટે 'ભારે વરસાદ ની ચેતવણી'



HRW Legends

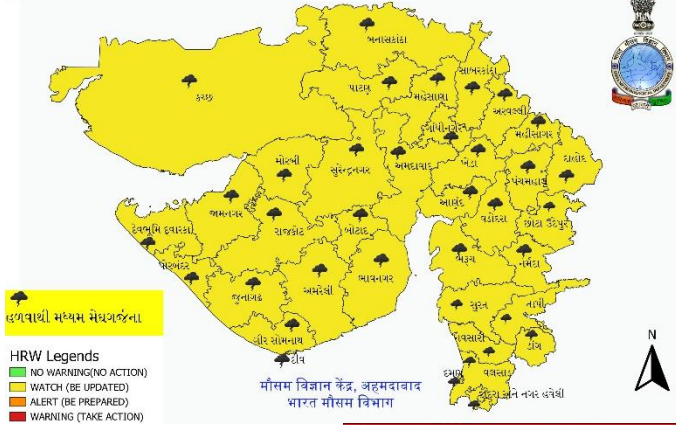
- NO WARNING/NO ACTION
- WATCH (BE UPDATED)
- ALERT (BE PREPARED)
- WARNING (TAKE ACTION)

મૌનમ વિજ્ઞાન કેન્દ્ર, અહમદાવાદ
ભારત મૌનમ વિભાગ

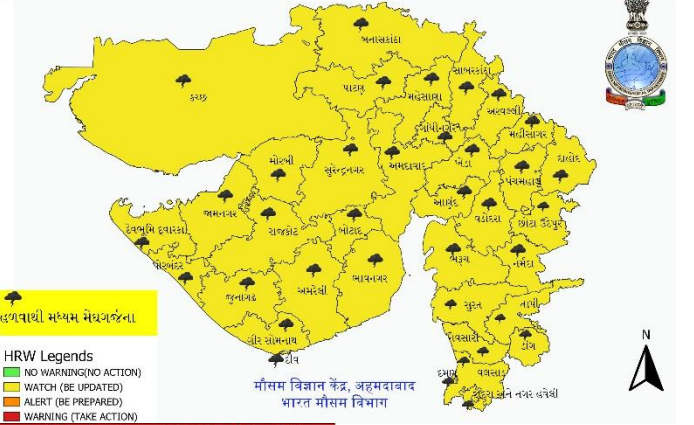
Legends:	
Very Light to Light Rainfall	0.1- 15.5 mm
Moderate Rainfall	15.6- 64.4 mm
Heavy Rainfall	64.5- 115.5 mm
Very Heavy Rainfall	115.6- 204.4 mm
Extremely Heavy Rainfall	>=204.5 mm

हर हर मौसम, हर घर मौसम

દિવસ - 1 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની તારીખ 01/08/2024 માટે મેઘ ગર્જના ની ચેતવણી



દિવસ - 2 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની તારીખ 02/08/2024 માટે મેઘ ગર્જના ની ચેતવણી



દિવસ - 3 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની તારીખ 03/08/2024 માટે મેઘ ગર્જના ની ચેતવણી

