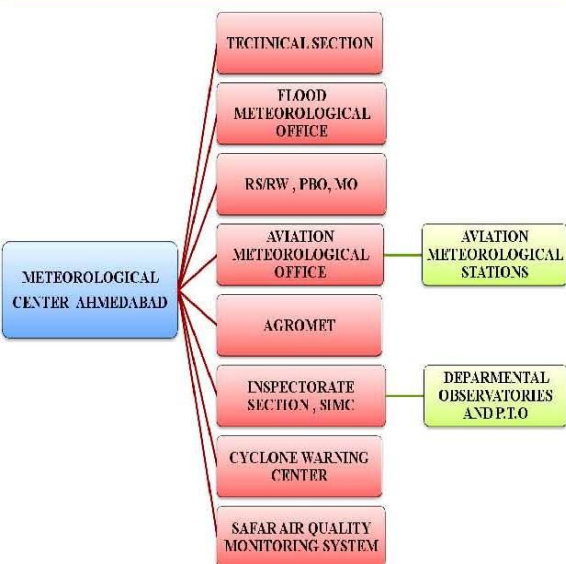


Brief History

The Meteorological Observatory, Ahmedabad was established on 18th January 1893 and the Meteorological Centre, Ahmedabad was established in October 1974. With time the activities and responsibilities of Met Centre, Ahmedabad has increased in all fields, for rendering the Meteorological services to the general public of the state of Gujarat, and Union Territory of Diu, Daman, Dadra and Nagar Haveli and concerned departments of Central and State Governments like Agriculture, Irrigation, Power, Flood Control, Relief and Rehabilitation, Roadways and Railways etc.

Organisational Setup

To have efficient administrative control and better technical support, Meteorological Centre Ahmedabad has 15 departmental and 7 P.T. synoptic observatories, 8 aeronautical meteorological stations, one seismological observatory, one DWR and number of meteorological observatories are established in Gujarat state.



EVER RECORDED EXTREMES OF TEMPERATURE AND RAINFALL UPTO 2019

SATION NAME	HIGHEST MAXIMUM TEMPERATURE (°C)	DATE AND YEAR	LOWEST MINIMUM TEMPERATURE (°C)	DATE AND YEAR	HIGHEST 24 HOURS RAINFALL (MM)	DATE AND YEAR
AHMEDABD	48.0	20-05-2016	3.3	10-01-1954	414.8	27-07-1927
GANDHINAGAR	48.0	20-05-2016	3.6	28-01-1977	260.2	30-08-1976
DEESA	49.4	25-05-1932	2.0	20-02-2005	400.0	28-07-2015
SURENDRANAGAR	47.8	19-05-2016	5.0	27-12-1955	205.8	10-08-2019
V V NAGAR	47.5	11-05-1970	2.0	23-01-1964	452.0	09-11-1982
VADODARA	45.9	29-04-1979	2.8	22-01-1962	556.8	01-08-2019
SURAT	45.6	15-04-1952, 01-05-1956, 10-06-1901	4.4	31-01-1929	459.2	02-07-1941
VALSAD	42.3	20-03-2002	5.6	09-02-2012	412.0	12-07-2013
DIU	44.0	12-05-1979	5.0	01-01-1991	410.3	23-06-1958
MAHUVA	45.9	12-05-1979	5.0	26-12-1968	179.6	30-06-1959
VERAVAL	44.2	21-05-1959	4.4	24-01- 1905, 08- 02-1893	503.8	16-07-2009
AMRELI	46.8	20-05-2016	1.6	26-01-1988	293.0	29-05-2005
PORBANDAR	45.5	03-05-1966	4.7	22-01-1962	511.4	04-09-1977
BHAVNAGAR	47.3	10-05-1988	0.6	31-01-1929	372.9	07-08-1968
RAIKOT	47.9	13-05-1977	-0.6	16-01-1935	392.0	26-09-2013
DWARKA	42.7	21-05-1959	6.1	31-01-1929	394.7	01-08-2014
OKHA	39.8	11-06-1969	10.0	25-01-1963	381.6	06-08-2007
KANDLA PORT	45.9	04-05-2002	4.4	10-01-1954	235.5	14-06-2008
KANDLA AIRPORT	48.4	19-05-2016	2.9	21-01-1962	186.0	28-07-2015

A Glimpse of Visitors



Contact us

079 29702419 079-29705011

mcahm01@gmail.com

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<http://www.imdahm.gov.in/>



**INDIA METEOROLOGICAL
DEPARTMENT**

**भारत मौसम विज्ञान विभाग
GOVERNMENT OF INDIA**

**भारत सरकार
MINISTRY OF EARTH SCIENCES
पृथ्वी विज्ञान मंत्रालय**

**METEOROLOGICAL CENTRE,
AHMEDABAD**

मौसम केंद्र, अहमदाबाद

**RS/RW building,
Airport colony, Ahmedabad, -
382475**

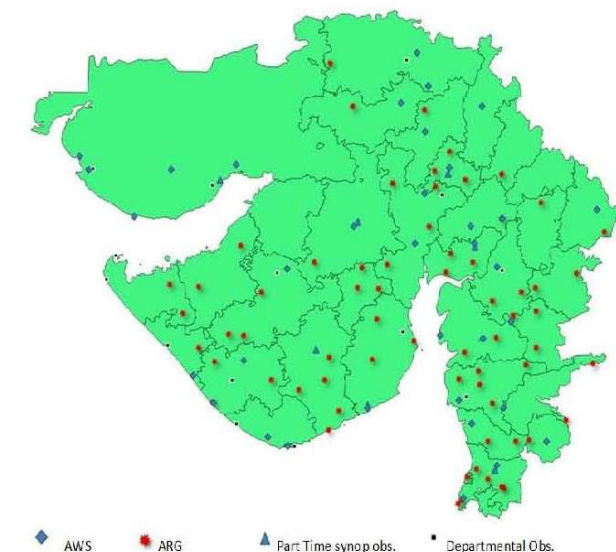


Key Activity

- To take meteorological observations and to provide current information for optimum operation of weather-sensitive activities
- To provide weather forecast and severe weather warnings at different spatial and temporal scales.
- To provide various meteorological statistics required for agriculture, water resource management and disaster management etc. and other similar activities.

Observational Network

To collect meteorological data surface, upper air and remotely sensed data, number of meteorological observatories Automatic weather stations and Doppler Weather Radars are established across the region. There are 19 manual observatories, 33 Automatic Weather Stations, 66 Automatic Rain gauges, 4 upper air observatories. One Doppler weather Radar and various other observing systems



Services

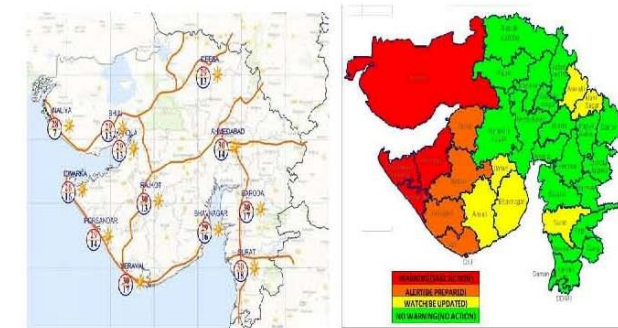
Weather Forecasting, Severe Weather Warnings and Climatological Services to:

- General Public and Press
- State Government
- Agriculture/Farmer
- Power
- Irrigation
- VVIP Visits
- Research Institutions
- Railways
- Aviation
- Ports and Fisheries
- Sports and Tourism
- Industries
- Regular briefing to electronic and print media
- Heavy Rainfall during monsoon.
- Cyclone
- Cold Waves
- Heat Waves
- Intra-city forecast for Ahmedabad
- Thunderstorm forecast
- Nowcast (hourly and 3 hourly)
- Aviation forecast
- Agromet forecast
- Pilgrim Forecast
- Basin wise QPF forecast for basins/ sub-basins of 6 rivers
- Fishermen warning for Gujarat coast and Arabian Sea for next 5 days
- Extended range forecast for the state
- Coastal bulletin for South and north Gujarat coasts.

Reports

- Daily weather report
- Weekly weather report
- Composite bulletin of Agro Advisory
- Pre-Cyclone and Post-Cyclone report
- Severe Weather Report

Weather Services on Map



Users and Stakeholder



Awareness /Outreach Programme

