



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 23rd July 2026

Time of Issue: 1430 hours IST

Subject: Exceptionally Heavy Rainfall event over Valsad District, Gujarat, with 24-hour cumulative rainfall exceeding 100 Cm on 23rd July 2026

- Valsad district and adjoining areas recorded exceptionally heavy rainfall, with the **Umergam** recording a 24-hour cumulative rainfall of **1064 mm** at 0830 hours IST of today, the 23rd July 2026.
- It is the third-highest daily rainfall ever recorded in the country after Sohra (1563.3 mm on 16th June 1995) and Aminidivi (1168.5 mm on 6th May 2004).
- Valsad district recorded exceptionally heavy rainfall consecutively for the past 2 days, with realised rainfall of 417 mm over Kaprada on 22nd July 2026.

(A) Weather Systems:

The prolonged intense precipitation over South Gujarat was driven by the interaction of the following weather systems:

- An upper air large scale cyclonic circulation in the lower & middle tropospheric levels lay over central Madhya Pradesh in the morning of 22nd July, which gradually shifted westwards to southeast Rajasthan and adjoining southwest Madhya Pradesh in the morning of 23rd July 2026.
- The monsoon trough was located south of its normal position, extending upto middle tropospheric levels and passes through Bikaner, Banasthali Vidyapeeth, Guna, Damoh, Pendra Road, Medinipur and thence southeastwards towards the Northeast Bay of Bengal, tilting southward with height.
- A Western Disturbance lay as an upper air cyclonic circulation over Jammu & neighbourhood and interacted with the monsoonal circulation.

(B) Observed Rainfall in Valsad district (Gujarat) during the current intense spell:

DISTRICT: VALSAD								
Rainfall (mm) over Valsad District during 17-23 July, 2026								
Station	17July	18July	19July	20July	21July	22July	23July	Total
DHARAMPUR	1	27	28	27	162	181	562	988
KAPRADA	4	100	18	46	116	417	794	1495
NANIPALSON	4.6	97.6	7.4	45.2	25.8	213	459.6	853.2
PARDI	23	11	34	85	210	264	514	1141
UMERGAM	0	17	61	54	55	140	1064	1391
VALSAD	2	24	23	25	186	255	392	907
VAPI	1.4	16.6	35.4	58.4	198.4	120.4	550.4	981

(C) Rainfall Forecast in Valsad (Gujarat):

DISTRICT: VALSAD	
Date	FORECAST & WARNING
23 rd July 2026	Heavy to very heavy rainfall very likely at isolated places with isolated extremely heavy falls.
24 th July 2026	Heavy to very heavy rainfall very likely at isolated places.
25 th July 2026	Heavy rainfall very likely at isolated places.
26 th July 2026	Light to Moderate rain/thundershowers very likely at many places.
27 th July 2026	Light to Moderate rain/thundershowers very likely at many places.
28 th July 2026	Light to Moderate rain/thundershowers very likely at a few places.
29 th July 2026	Light to Moderate rain/thundershowers very likely at a few places.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

Legends & abbreviations:

- ❖ **Heavy Rain:**64.5 to 115.5mm; **Very Heavy Rain:**115.6 to 204.4mm; **Extremely Heavy Rain:** >204.4mm.

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)



NO WARNING



WATCH (BE UPDATED)



ALERT (BE PREPARED TO TAKE ACTION)



WARNING (TAKE ACTION)