

GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

(Gauge forecast for 3 days based on 5 days rainfall forecast from IMD)

Date & Time of Forecast :

31-10-2025 13:00



fmisc
Bihar



based on Mike 11 Model

Station / River	District	Warning Level (WL)	Danger Level (DL)	Highest Flood Level (HFL)/Year	Observed WL (m) at (08:00 AM)	Forecast Gauge (m)								
						31-10-2025			01-11-2025				02-11-2025	
						15:00	18:00	24:00	6:00	12:00	18:00	24:00	12:00	24:00
Dheng Bridge/ BAGMATI *	Sitamarhi	70.00	71.00	73.47/2024	68.93	68.98	69.02	69.11	69.20	69.28	69.32	69.33	69.29	69.24
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	67.35	67.28	67.26	67.23	67.20	67.17	67.15	67.12	67.07	67.02
Dubbadhar/ BAGMATI **	Sitamarhi	60.28	61.28	63.75	58.81	58.85	58.81	58.70	58.59	58.51	58.45	58.39	58.28	58.18
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	56.60	56.86	56.87	56.81	56.71	56.62	56.55	56.49	56.39	56.31
Runisaidpur/BAGMATI *	Sitamarhi	54.00	55.00	58.34/2024	52.65	52.68	52.69	52.71	52.72	52.74	52.78	52.83	53.00	53.16
Saulighat/ DHAUS *	Madhubani	51.37	52.37	55.10/2004	48.57	48.59	48.60	48.61	48.61	48.61	48.60	48.59	48.57	48.55
Kamtaul/ KHIROI_RIVER *	Darbhanga	49.00	50.00	53.05/1995	47.80	47.76	47.74	47.72	47.69	47.68	47.66	47.65	47.63	47.62
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	46.99	46.98	46.97	46.93	46.90	46.88	46.86	46.84	46.84	46.89
Ekmighat/ DARBHANGA_BAGMATI *	Darbhanga	45.94	46.94	49.52/2004	44.17	44.15	44.14	44.12	44.11	44.09	44.07	44.05	44.00	43.96
Hayaghat/ BAGMATI *	Darbhanga	44.72	45.72	48.96/1987	42.38	42.38	42.37	42.35	42.33	42.30	42.28	42.25	42.20	42.18

All Water Levels are in metres.



- Low Flood : Water level is below Warning Level.
- Normal Flood Situation : Water level is touching or exceeding the Warning Level but below Danger Level.
- Severe Flood Situation: Water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL).
- Extreme Flood Situation : Water Level is at previous Highest Flood Level (HFL) or exceeded.

Disclaimer: Forecast is subject to uncertainty due to rainfall forecasts, model parameters, error in measurement and other unknown factors.

Note : Based on Weather Research and Forecasting (WRF) Model Rainfall forecast for 3 day received from IMD, temporal resolution 6hr and spatial resolution 3km by 3km.

* Water Level from CWC.

** Water Level from WRD (Manual) is taken at 09:00 AM

Note : Today's forecast is based on limited dataset available for nepal portion

Note: This forecast is based on GFS model rainfall forecast for 5 days received from IMD whose temporal resolution is 24 hours and spatial resolution is 25 km by 25 km, as WRF model rainfall forecast for 3 days, is not available.