

## GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

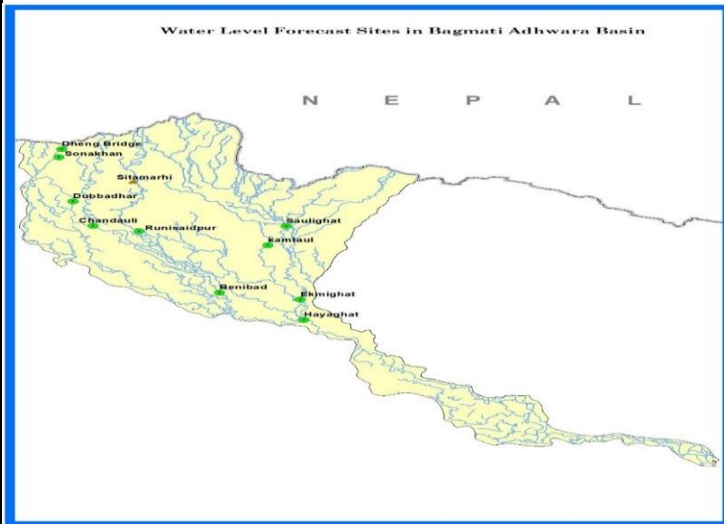
(Gauge forecast for 3 days based on 3 days rainfall forecast from IMD)

Date & Time of Forecast : 15-06-2024 12:30



Station / River	District	Warning Level (WL)	Danger Level (DL)	Highest Flood Level (HFL)/Year	Observed WL (m) at (08:00 AM)	Forecast Gauge (m)								
						15-06-2024			16-06-2024				17-06-2024	
						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	73.00/2019	68.5	68.50	68.50	68.50	68.50	68.50	68.50	68.50	68.49	68.49
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	66.90	66.44	66.44	66.44	66.44	66.44	66.44	66.44	66.43	66.43
Dubbadhar/ BAGMATI **	Sitamarhi	60.28	61.28	63.75	57.88	57.96	57.95	57.95	57.96	57.98	58.00	58.02	58.03	58.03
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	55.18	54.92	54.91	54.89	54.89	54.90	54.91	54.93	54.95	54.96
Runisaidpur/BAGMATI *	Sitamarhi	54.00	55.00	58.15/2017	52.1	52.09	52.09	52.07	52.06	52.06	52.06	52.07	52.09	52.10
Saulighat/ DHAUS *	Madhubani	51.37	52.37	55.10	45.43	45.43	45.43	45.43	45.42	45.42	45.42	45.42	45.43	45.43
Kamtaul/ KHIROI_RIVER *	Darbhanga	49.00	50.00	52.99/2004	46.25	45.79	45.79	45.79	45.79	45.79	45.79	45.79	45.78	45.78
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	45.36	45.36	45.36	45.36	45.36	45.35	45.34	45.34	45.35	45.38
Ekmathat/ DARBHANGA_BAGMATI *	Darbhanga	45.94	46.94	49.52/2004	39.88	39.14	39.14	39.14	39.14	39.13	39.13	39.12	39.12	39.11
Hayaghat/ BAGMATI *	Darbhanga	44.72	45.72	48.96/1987	38.08	38.08	38.08	38.08	38.08	38.09	38.09	38.08	38.08	38.08

All Water Levels are in metres.



- Low Flood : Water level is at or above Warning Level but below Danger 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