

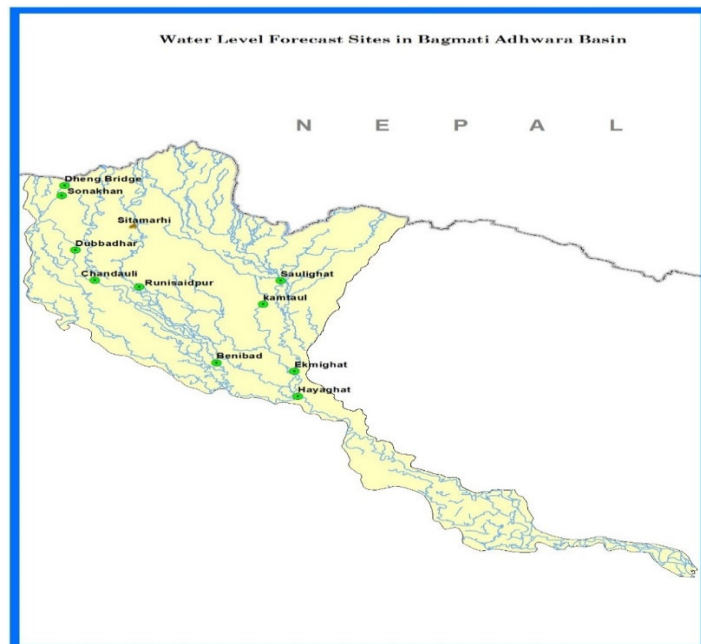
## GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 26.08.2022  
Time of Model Run : 12:30 PMA FMISC, Bihar product  
based on Mike 11 Model

Station / River	District	WL (m)	DL (m)	HFL (m) /Year	Observed WL (m) at (06:00 AM)	Forecast Gauge (m)												
						26-08-2022			27-08-2022			28-08-2022		29-08-2022		30-08-2022		
						15:00	18:00	24:00	6:00	12:00	18:00	24:00	12:00	24:00	12:00	24:00	12:00	24:00
Dheng Bridge/ BAGMATI	Sitamarhi	70.00	71.00	73.00/2019	69.60	69.54	69.55	69.53	69.50	69.47	69.43	69.41	69.41	69.69	70.46	70.66	70.65	70.60
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	67.83	67.81	67.82	67.82	67.80	67.77	67.73	67.70	67.69	67.91	68.76	69.03	69.05	69.01
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.80	60.75	60.73	60.69	60.65	60.62	60.59	60.55	60.47	60.43	60.54	61.33	61.73	61.80
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	56.77	56.78	56.75	56.69	56.62	56.55	56.49	56.44	56.33	56.20	56.17	56.75	57.92	58.31
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	53.39	53.44	53.44	53.41	53.36	53.30	53.25	53.20	53.12	53.03	52.96	53.10	54.22	54.93
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	45.96	45.97	45.97	45.98	45.99	46.01	46.07	46.29	47.25	48.10	48.62	48.97	49.29	49.59
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	46.22	46.22	46.22	46.22	46.22	46.22	46.22	46.23	46.28	46.35	46.46	46.48	46.50	46.53
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	47.73	47.64	47.62	47.57	47.53	47.48	47.41	47.35	47.20	47.03	46.85	46.68	46.58	47.17
Ekmathat/ DARBHANGA_BAGMATI	Darbhangha	45.94	46.94	49.52/2004	41.62	41.60	41.59	41.58	41.56	41.55	41.54	41.52	41.50	41.48	41.66	42.26	42.77	43.11
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	40.68	40.65	40.64	40.62	40.58	40.54	40.49	40.44	40.31	40.15	39.99	39.93	39.98	40.05

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 Global Forecast System (GFS) model rainfall forecast for 5 days received from IMD, temporal resolution 24 hr and spatial resolution 25 km by 25 km.

\* Water Level from CWC.

\*\* Water Level from WRD (Manual).

Rest Water Level from WRD - Real Time Data Acquisition System (RTDAS).