

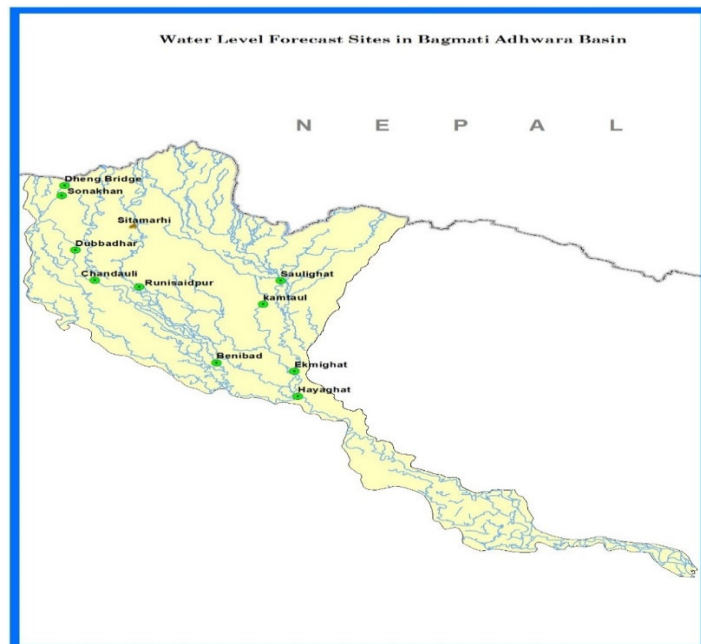
GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 31.08.2022
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)												
						31-08-2022			01-09-2022				02-09-2022		03-09-2022		04-09-2022	
						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	69.90	70.01	70.02	70.02	70.01	70.01	70.01	70.04	70.19	70.49	70.86	71.00	71.02	71.04
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	68.13	68.24	68.26	68.27	68.27	68.26	68.26	68.29	68.44	68.72	69.05	69.26	69.29	69.32
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.81	60.60	60.59	60.61	60.66	60.67	60.67	60.70	60.88	61.17	61.56	61.82	61.91	
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	57.14	56.96	56.90	56.82	56.81	56.86	56.91	56.94	56.99	57.13	57.48	58.00	58.50	58.74
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	54.22	54.02	53.97	53.87	53.83	53.85	53.91	53.98	54.07	54.18	54.47	54.94	55.41	55.68
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	47.81	47.91	47.92	47.96	47.99	48.05	48.12	48.21	48.45	48.65	48.77	48.81	48.80	48.81
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	46.37	46.43	46.46	46.46	46.47	46.48	46.49	46.49	46.51	46.53	46.55	46.56	46.57	46.56
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	48.52	48.52	48.50	48.47	48.43	48.38	48.34	48.31	48.29	48.29	48.31	48.43	48.66	48.97
Ekmathat/ DARBHANGA_BAGMATI	Darbhangha	45.94	46.94	49.52/2004	43.16	43.21	43.22	43.21	43.20	43.18	43.16	43.14	43.11	43.12	43.16	43.22	43.27	43.30
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	42.05	42.03	42.02	42.00	41.98	41.95	41.92	41.87	41.79	41.73	41.72	41.74	41.82	41.99

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).