

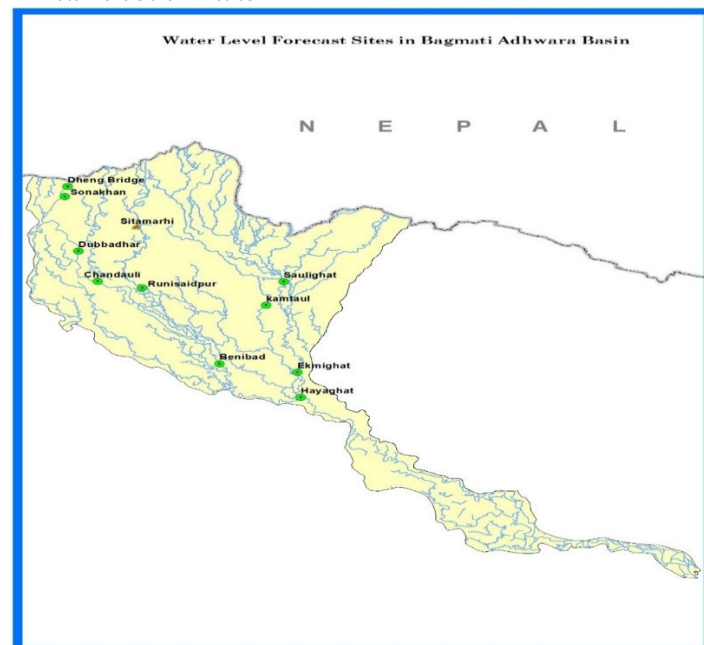
GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 28.08.2022
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)												
						28-08-2022			29-08-2022			30-08-2022		31-08-2022		01-09-2022		
						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	69.64	70.48	70.53	70.57	70.58	70.59	70.63	70.66	70.69	70.70	70.73	70.84	71.04	71.26
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	67.88	68.96	69.09	69.16	69.17	69.18	69.20	69.23	69.26	69.26	69.29	69.38	69.56	69.77
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.75	60.78	60.85	61.38	61.84	62.04	62.10	62.13	62.17	62.19	62.20	62.25	62.37	62.52
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	56.60	56.70	56.71	56.85	57.55	58.23	58.55	58.68	58.79	58.84	58.85	58.89	58.99	59.16
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	53.25	53.23	53.24	53.26	53.52	54.23	54.83	55.09	55.29	55.36	55.39	55.42	55.47	55.58
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	46.11	46.40	46.52	46.73	46.89	47.01	47.10	47.15	47.18	47.14	47.06	47.02	47.13	47.36
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	46.22	46.22	46.22	46.23	46.23	46.24	46.25	46.28	46.31	46.33	46.35	46.39	46.42	
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	47.43	47.43	47.42	47.41	47.40	47.40	47.51	47.81	48.40	48.68	48.85	48.96	49.03	49.08
Ekmathat/ DARBHANGA_BAGMATI	Darbhangha	45.94	46.94	49.52/2004	41.47	41.64	41.67	41.71	41.74	41.78	41.83	41.89	42.06	42.25	42.45	42.63	42.78	42.89
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	40.41	40.44	40.44	40.43	40.42	40.41	40.42	40.44	40.70	41.23	41.67	42.01	42.23	42.36

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).