

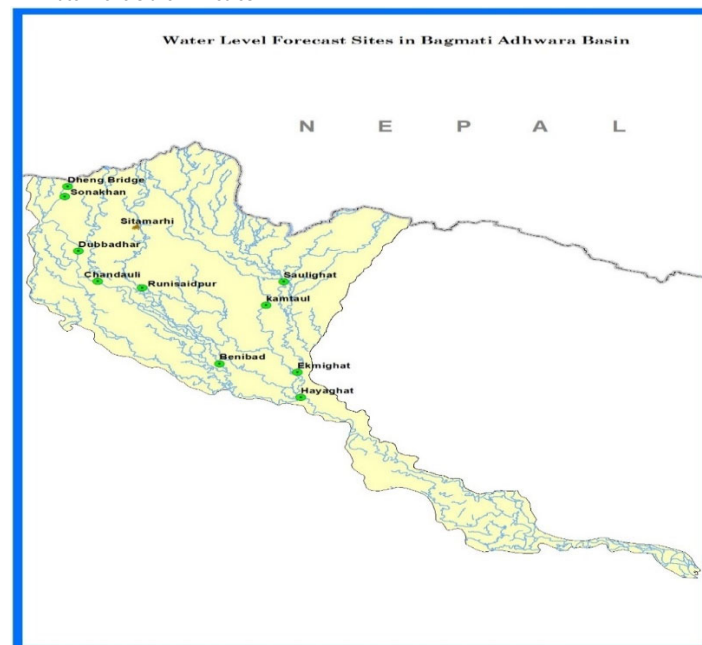
GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 19.08.2022
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)												
						19-08-2022			20-08-2022				21-08-2022		22-08-2022		23-08-2022	
						19-08-2022	15:00	18:00	24.00	6.00	12.00	18.00	24.00	12.00	24.00	12.00	24.00	12.00
Dheng Bridge/ BAGMATI	Sitamarhi	70.00	71.00	73.00/2019	69.68	70.29	70.34	70.37	70.41	70.49	70.57	70.61	70.64	70.70	70.81	70.89	70.92	70.92
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	67.77	68.71	68.79	68.85	68.89	68.97	69.07	69.13	69.18	69.23	69.32	69.43	69.47	69.48
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.83	60.86	60.91	61.29	61.60	61.74	61.82	61.90	62.05	62.11	62.17	62.32	62.44	62.48
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	56.37	56.69	56.72	56.85	57.34	57.83	58.10	58.26	58.52	58.68	58.77	58.90	59.09	59.18
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	53.46	53.44	53.51	53.64	53.90	54.48	54.94	55.21	55.50	55.68	55.78	55.87	55.99	56.08
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	46.29	46.28	46.28	46.27	46.26	46.25	46.24	46.23	46.23	46.21	46.19	46.17	46.16	46.14
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	46.32	46.32	46.32	46.33	46.33	46.33	46.33	46.32	46.32	46.32	46.32	46.32	46.32	46.33
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	47.25	47.64	47.71	47.82	47.91	48.01	48.17	48.39	48.83	49.10	49.26	49.34	49.40	49.47
Ekmgihat/ DARBHANGA BAGMATI	Darbhangha	45.94	46.94	49.52/2004	41.63	41.58	41.56	41.52	41.49	41.48	41.48	41.50	41.62	41.90	42.24	42.47	42.61	42.74
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	40.46	40.48	40.49	40.57	40.70	40.83	40.95	41.08	41.37	41.75	42.11	42.34	42.48	42.61

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).