

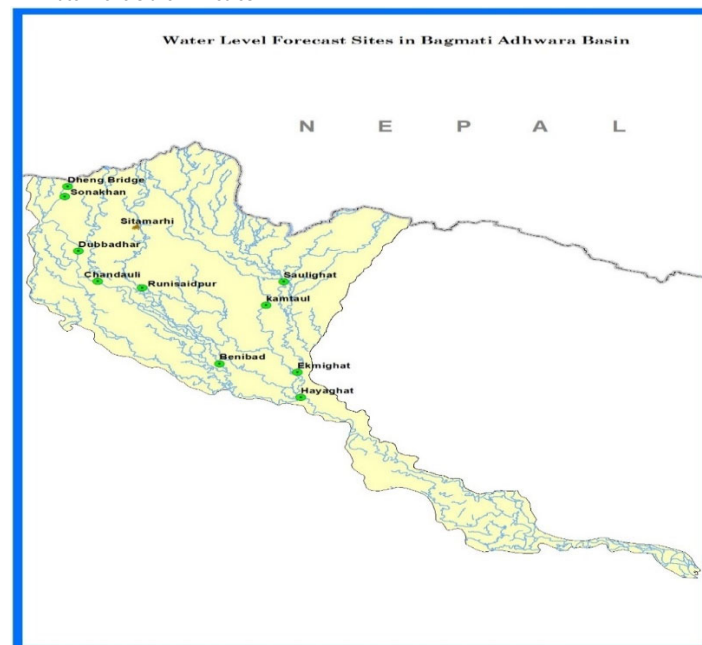
GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 03.08.2022
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)												
						03-08-2022			04-08-2022				05-08-2022		06-08-2022		07-08-2022	
						03-08-2022	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	70.85	70.53	70.51	70.48	70.46	70.45	70.47	70.54	70.78	70.95	71.00	71.00	70.96	70.88
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	69.13	68.69	68.68	68.66	68.63	68.61	68.62	68.68	68.80	68.98	69.07	69.07	69.03	68.94
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	62.05	61.86	61.81	61.66	61.56	61.51	61.48	61.46	61.54	61.68	61.84	61.91	61.90	61.83
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	59.35	59.20	59.16	59.08	58.96	58.85	58.77	58.72	58.73	58.87	59.06	59.21	59.25	59.21
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	56.53	56.62	56.62	56.62	56.60	56.56	56.51	56.48	56.44	56.46	56.53	56.60	56.64	56.65
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	49.79	50.05	50.09	50.13	50.14	50.15	50.15	50.14	50.10	50.03	49.95	49.85	49.75	49.63
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	47.62	47.73	47.78	47.92	48.08	48.25	48.41	48.53	48.70	48.81	48.88	48.94	48.96	48.95
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	49.72	49.82	49.85	49.90	49.93	49.94	49.94	49.94	49.93	49.91	49.91	49.95	49.98	50.00
Ekmathat/ DARBHANGA_BAGMATI	Darbhangha	45.94	46.94	49.52/2004	44.42	44.62	44.69	44.82	44.95	45.08	45.20	45.30	45.47	45.60	45.70	45.78	45.83	45.86
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	43.32	43.49	43.55	43.67	43.79	43.91	44.04	44.15	44.34	44.54	44.71	44.84	44.94	45.02

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).