

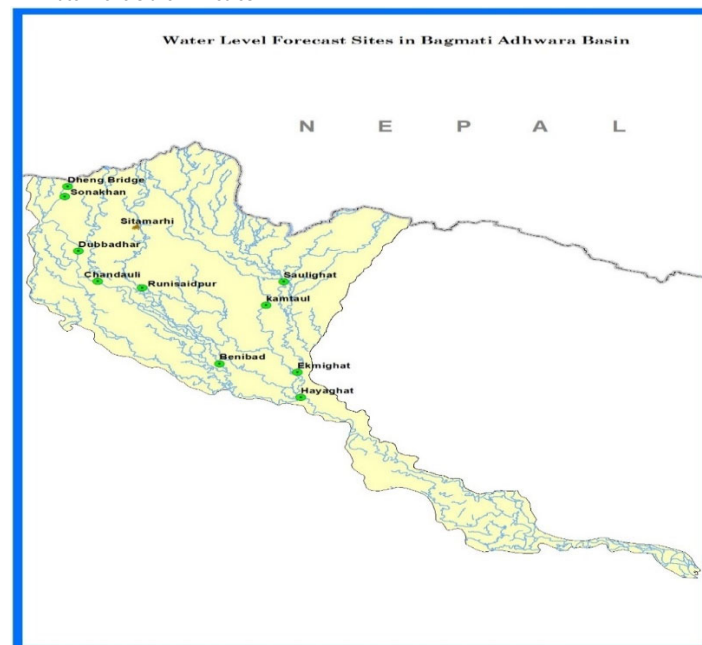
GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 01.08.2022
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)												
						01-08-2022			02-08-2022				03-08-2022		04-08-2022		05-08-2022	
						01-08-2022	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	70.61	70.60	70.63	70.78	70.94	70.98	70.99	71.01	71.21	71.50	71.61	71.52	71.40	71.35
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	68.98	68.94	68.98	69.15	69.36	69.45	69.50	69.54	69.71	70.00	70.16	70.13	70.02	69.95
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.87	61.05	61.10	61.17	61.28	61.49	61.69	61.78	61.85	61.98	62.17	62.31	62.38	62.36
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	57.60	58.08	58.10	58.09	58.06	58.11	58.28	58.46	58.63	58.74	58.93	59.11	59.24	59.26
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	54.70	55.42	55.55	55.69	55.74	55.77	55.83	55.93	56.10	56.19	56.29	56.38	56.46	56.50
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	48.29	48.73	48.85	49.07	49.25	49.41	49.55	49.65	49.78	49.83	49.83	49.80	49.75	49.66
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	46.80	47.03	47.19	47.46	47.62	47.72	47.78	47.82	47.90	48.01	48.18	48.35	48.45	48.51
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	48.69	48.92	49.00	49.16	49.27	49.35	49.40	49.44	49.50	49.54	49.59	49.66	49.70	49.73
Ekmathat/ DARBHANGA_BAGMATI	Darbhangha	45.94	46.94	49.52/2004	43.06	43.24	43.30	43.44	43.60	43.77	43.95	44.13	44.42	44.65	44.82	44.96	45.08	45.17
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	42.02	42.22	42.28	42.43	42.58	42.73	42.87	43.00	43.24	43.46	43.62	43.79	43.97	44.11

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).