

GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 21.08.2022
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)												
						21-08-2022			22-08-2022			23-08-2022		24-08-2022		25-08-2022		
						15:00	18:00	24.00	6.00	12.00	18.00	24.00	12.00	24.00	12.00	24.00	12.00	24.00
Dheng Bridge/ BAGMATI	Sitamarhi	70.00	71.00	73.00/2019	69.91	69.94	69.92	69.87	69.82	69.78	69.75	69.72	69.69	69.71	69.77	69.88	70.11	70.23
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	68.12	68.08	68.06	67.98	67.91	67.85	67.79	67.74	67.67	67.69	67.78	67.92	68.20	68.40
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.89	60.82	60.76	60.69	60.65	60.61	60.55	60.50	60.40	60.33	60.32	60.36	60.47	60.73
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	57.42	57.25	57.21	57.08	56.96	56.86	56.77	56.67	56.48	56.31	56.19	56.15	56.22	56.43
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	54.78	54.32	54.27	54.17	54.05	53.94	53.85	53.77	53.60	53.44	53.31	53.24	53.25	53.40
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	46.20	46.16	46.15	46.14	46.13	46.13	46.12	46.11	46.09	46.08	46.07	46.06	46.06	46.05
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	46.32	46.32	46.32	46.33	46.33	46.34	46.34	46.34	46.34	46.35	46.36	46.36	46.36	46.37
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	48.38	48.71	48.75	48.78	48.79	48.79	48.79	48.79	48.75	48.69	48.62	48.54	48.46	48.42
Ekmgihat/ DARBHANGA_BAGMATI	Darbhangha	45.94	46.94	49.52/2004	42.45	42.68	42.73	42.83	42.91	42.99	43.05	43.10	43.16	43.19	43.18	43.14	43.09	43.04
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	41.69	41.91	41.99	42.14	42.27	42.38	42.46	42.52	42.58	42.58	42.54	42.47	42.38	42.28

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).