

GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 07.08.2022
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)												
						07-08-2022			08-08-2022				09-08-2022		10-08-2022		11-08-2022	
						07-08-2022	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	70.06	69.96	69.96	69.94	69.92	69.89	69.85	69.81	69.73	69.68	69.65	69.65	69.66	69.68
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	68.28	68.17	68.17	68.17	68.16	68.14	68.11	68.08	68.01	67.96	67.95	67.97	68.00	68.04
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.93	60.93	60.89	60.82	60.77	60.75	60.73	60.71	60.65	60.58	60.52	60.49	60.49	60.51
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	57.80	57.55	57.52	57.44	57.34	57.25	57.19	57.14	57.06	56.96	56.84	56.75	56.70	56.69
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	55.27	54.93	54.84	54.72	54.62	54.51	54.41	54.34	54.25	54.15	54.04	53.92	53.85	53.82
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	49.89	49.76	49.71	49.62	49.52	49.42	49.32	49.22	49.01	48.79	48.59	48.39	48.21	48.04
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	48.64	48.56	48.54	48.50	48.47	48.45	48.43	48.41	48.37	48.33	48.29	48.26	48.23	48.21
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	49.22	49.46	49.48	49.49	49.49	49.48	49.46	49.45	49.42	49.40	49.38	49.35	49.34	49.33
Ekmathat/ DARBHANGA BAGMATI	Darbhangha	45.94	46.94	49.52/2004	45.51	45.49	45.48	45.45	45.42	45.39	45.36	45.32	45.26	45.18	45.10	45.01	44.93	44.84
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	44.33	44.35	44.36	44.37	44.38	44.39	44.39	44.39	44.39	44.37	44.34	44.30	44.25	44.19

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).