

GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 14.08.2022
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)												
						14-08-2022			15-08-2022			16-08-2022		17-08-2022		18-08-2022		
						14-08-2022	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	69.55	69.52	69.52	69.55	69.73	69.96	70.02	70.00	69.95	69.93	69.92	69.94	69.98	70.11
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	67.67	67.65	67.64	67.65	67.81	68.12	68.27	68.28	68.22	68.20	68.20	68.21	68.26	68.39
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.85	60.84	60.83	60.82	60.81	60.81	60.85	61.01	61.27	61.28	61.25	61.24	61.25	61.29
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	56.58	56.57	56.56	56.54	56.53	56.51	56.50	56.55	57.04	57.27	57.28	57.25	57.24	57.27
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	53.43	53.39	53.39	53.37	53.36	53.34	53.32	53.32	53.61	53.98	54.05	54.03	54.01	54.02
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	46.90	46.79	46.77	46.75	46.74	46.74	46.74	46.73	46.72	46.71	46.69	46.67	46.66	46.64
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	47.20	47.13	47.13	47.12	47.12	47.11	47.11	47.10	47.10	47.09	47.08	47.08	47.07	47.06
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	47.74	47.66	47.63	47.59	47.55	47.53	47.50	47.48	47.45	47.54	47.75	47.87	47.91	47.93
Ekmathat/ DARBHANGA BAGMATI	Darbhangha	45.94	46.94	49.52/2004	42.94	42.81	42.76	42.67	42.58	42.50	42.43	42.38	42.29	42.23	42.19	42.17	42.17	42.18
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	41.90	41.66	41.59	41.47	41.36	41.26	41.17	41.09	40.97	40.88	40.86	40.95	41.08	41.17

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).