

GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 30.08.2022
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)												
						30-08-2022			31-08-2022				01-09-2022		02-09-2022		03-09-2022	
						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	69.85	70.04	70.04	70.03	70.02	70.02	70.04	70.06	70.16	70.32	70.54	70.84	71.06	71.09
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	68.06	68.34	68.36	68.37	68.37	68.39	68.42	68.45	68.56	68.73	68.91	69.24	69.49	69.59
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.83	60.81	60.80	60.87	60.97	61.02	61.03	61.05	61.09	61.20	61.37	61.59	61.97	62.28
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	57.20	56.97	56.94	56.91	56.96	57.08	57.17	57.22	57.28	57.38	57.59	57.87	58.31	58.81
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	54.10	53.95	53.92	53.90	53.90	53.98	54.12	54.24	54.37	54.48	54.68	54.95	55.28	55.66
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	47.57	47.69	47.72	47.76	47.78	47.80	47.82	47.86	48.02	48.22	48.37	48.44	48.45	48.42
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	46.75	46.58	46.58	46.59	46.60	46.61	46.63	46.65	46.68	46.71	46.73	46.75	46.77	46.78
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	48.88	48.63	48.58	48.48	48.38	48.29	48.20	48.14	48.06	48.02	48.00	48.04	48.17	48.40
Ekmgihat/ DARBHANGA_BAGMATI	Darbhangha	45.94	46.94	49.52/2004	43.08	43.22	43.26	43.33	43.39	43.43	43.45	43.45	43.43	43.41	43.43	43.46	43.50	43.52
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	42.16	42.22	42.27	42.35	42.38	42.38	42.35	42.30	42.17	42.05	41.97	41.93	41.94	42.00

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).