

GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 02.08.2022
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)												
						02-08-2022			03-08-2022				04-08-2022		05-08-2022		06-08-2022	
						02-08-2022	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	70.73	70.59	70.56	70.50	70.46	70.44	70.43	70.41	70.40	70.44	70.56	70.65	70.72	70.72
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	68.97	68.78	68.77	68.73	68.71	68.70	68.69	68.68	68.68	68.69	68.76	68.82	68.89	68.90
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	61.74	61.51	61.49	61.46	61.42	61.37	61.32	61.28	61.26	61.28	61.31	61.38	61.47	61.56
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	59.00	58.73	58.62	58.52	58.44	58.36	58.28	58.20	58.09	58.06	58.08	58.13	58.22	58.33
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	56.14	56.31	56.30	56.27	56.24	56.21	56.17	56.13	56.06	56.02	56.01	56.03	56.07	56.13
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	49.13	49.26	49.32	49.43	49.52	49.59	49.64	49.67	49.73	49.76	49.76	49.72	49.63	49.50
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	47.14	47.31	47.34	47.41	47.49	47.59	47.74	47.96	48.38	48.64	48.83	48.98	49.08	49.14
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	49.32	49.65	49.69	49.74	49.78	49.84	49.91	49.95	50.00	50.01	50.02	50.03	50.04	50.06
Ekmathat/ DARBHANGA_BAGMATI	Darbhangha	45.94	46.94	49.52/2004	43.77	44.03	44.11	44.26	44.39	44.52	44.64	44.76	44.98	45.20	45.38	45.56	45.70	45.81
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	42.72	42.91	42.98	43.13	43.27	43.41	43.55	43.67	43.90	44.13	44.36	44.59	44.78	44.93

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).