

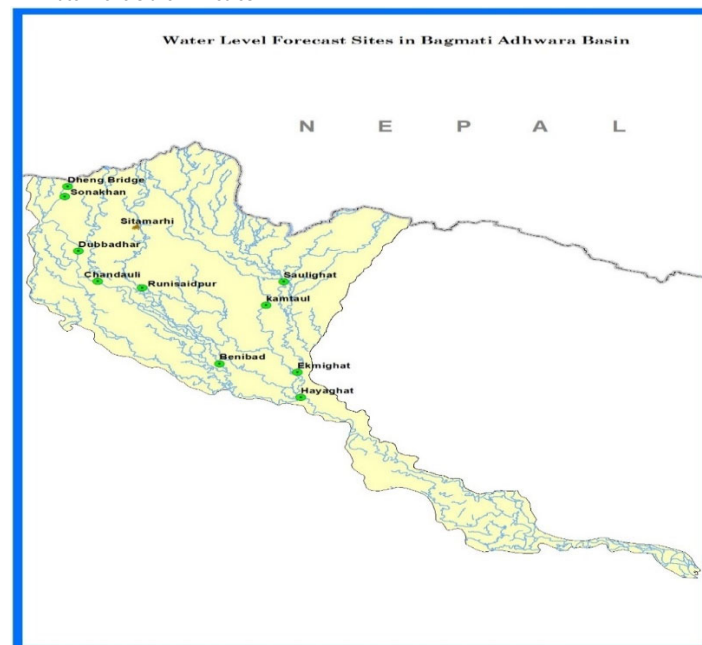
GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

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

Date of Forecast : 11.08.2022
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)												
						11-08-2022			12-08-2022				13-08-2022		14-08-2022		15-08-2022	
						11-08-2022	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	69.89	69.63	69.49	69.21	69.00	68.87	68.75	68.64	68.47	68.35	68.30	68.29	68.45	68.75
Sonakhan/ BAGMATI **	Sitamarhi	67.80	68.80	72.05/2019	68.12	67.92	67.77	67.31	66.93	66.53	66.39	66.34	66.28	66.24	66.01	65.95	66.18	66.33
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	60.89	60.86	60.86	60.83	60.72	60.56	60.41	60.30	60.16	60.09	60.05	60.01	59.99	59.97
Chandauli/Kansar/ BAGMATI **	Sitamarhi	58.06	59.06	60.86	57.45	57.14	57.10	57.06	57.01	56.88	56.70	56.49	56.14	55.90	55.75	55.65	55.59	55.55
Runisaidpur/BAGMATI	Sitamarhi	54.00	55.00	58.15/2017	54.63	54.23	54.13	54.02	53.96	53.90	53.77	53.60	53.25	52.98	52.80	52.68	52.60	52.54
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	48.37	48.19	48.13	48.02	47.91	47.81	47.72	47.63	47.49	47.38	47.29	47.22	47.17	47.13
Kamtaul/ KHIROI_RIVER *	Darbhangha	49.00	50.00	52.99/2004	47.92	47.84	47.84	47.82	47.81	47.80	47.79	47.78	47.75	47.73	47.72	47.70	47.68	47.67
Benibad/ BAGMATI *	Muzaffarpur	47.68	48.68	50.01/2004	48.43	48.90	48.98	49.03	49.06	49.08	49.09	49.08	49.05	48.99	48.92	48.86	48.81	48.76
Ekmgihat/ DARBHANGA_BAGMATI	Darbhangha	45.94	46.94	49.52/2004	44.34	44.17	44.10	43.95	43.84	43.74	43.65	43.57	43.44	43.34	43.25	43.18	43.10	43.04
Hayaghat/ BAGMATI *	Darbhangha	44.72	45.72	48.96/1987	43.50	43.29	43.21	43.13	43.10	43.07	43.03	43.00	42.95	42.91	42.86	42.82	42.77	42.71

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).