WRD,GoB

GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

Date of Forecast 14.08.2021

Station / River	District	Warning	Danger	Highest Flood	Observed	Day 1 Forecast	Day 2	Day 2
		Level	Level	Level	Water		Day 2 Forecast	Day 3 Forecast
		(WL)	(DL)	(HFL)/Year	Level			ruiecasi
Dheng Bridge/ BAGMATI	Sitamarhi	69.10	71.00	73.00/2019	70.30	70.27	70.42	70.61
Sonakhan/ BAGMATI	Sitamarhi	67.80	68.80	72.05/2019	68.70	68.75	68.95	69.20
Dubbadhar/ BAGMATI	Sitamarhi	60.28	61.28	63.75	61.26	60.84	61.02	61.35
Chandauli/Kansar/ BAGMATI	Sitamarhi	58.06	59.06	60.86	58.50	57.99	58.00	58.24
Runisaidpur/BAGMATI	Sitamarhi	52.73	55.00	58.15/2017	55.50	55.43	55.10	55.40
Saulighat/ DHAUS	Madhubani	51.32	52.32	55.10	52.39	52.72	52.87	52.79
Kamtaul/ KHIROI_RIVER	Darbhanga	49.00	50.00	53.01/2004	50.22	50.70	50.70	50.64
Benibad/ BAGMATI	Muzaffarpur	47.68	48.68	50.01/2004	49.65	49.82	49.80	49.76
Ekmighat/ DARBHANGA_BAGMATI	Darbhanga	45.94	46.94	49.52/2004	46.98	47.21	47.43	47.57
Hayaghat/ BAGMATI	Darbhanga	44.72	45.72	48.96/1987	45.55	45.73	45.95	46.13

All Water Levels are in metres.

Legend:

Normal: when river water level is below WL				
<u>Low Flood</u> : when river water level is at or above WL but below DL				
Moderate Flood: when river water level is at or above DL but below level which is 0.5 m below HFL				
High Flood: when the river water level is within 0.5 m of HFL and below HFL.				
<u>Unprecedented Flood</u> : when the river water level is at or above HFL				
Disclaimer: Forecast is subject to uncertainty due to rainfall forecasts, model parameters, error in measurement and other unknown factors.				

A FMISC, Bihar product
based on Mike 11 Model

Experimental 3 Day Water Level Forecast Sites in Bagmati Adhwara Basin

N E P A L

Diang Bridge
Sonakhan

Stamarhi
Dobbadhar

Benibad
Ekmighat
Hayaghat