WRD,GoB

GAUGE FORECAST IN MAHANANDA RIVER BASIN

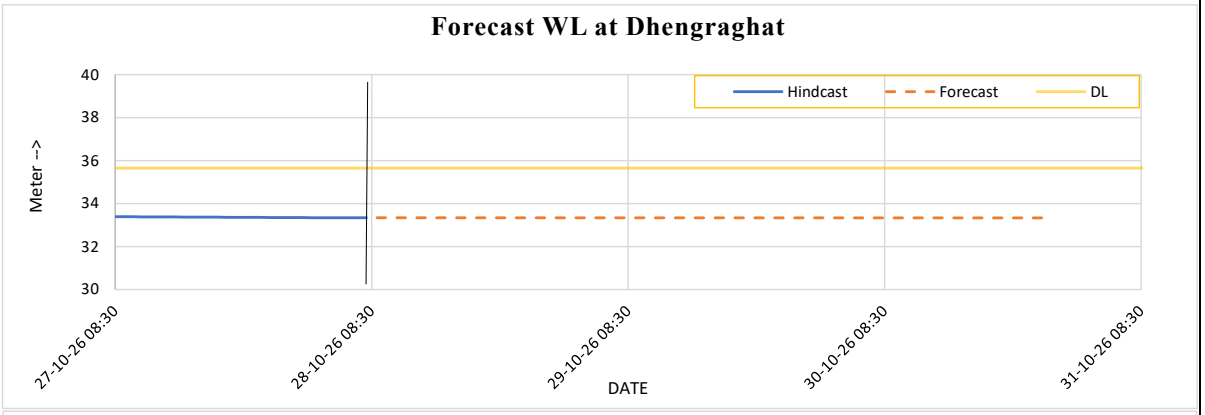
(3 days Gauge forecast based on 3 days rainfall forecast by IMD)

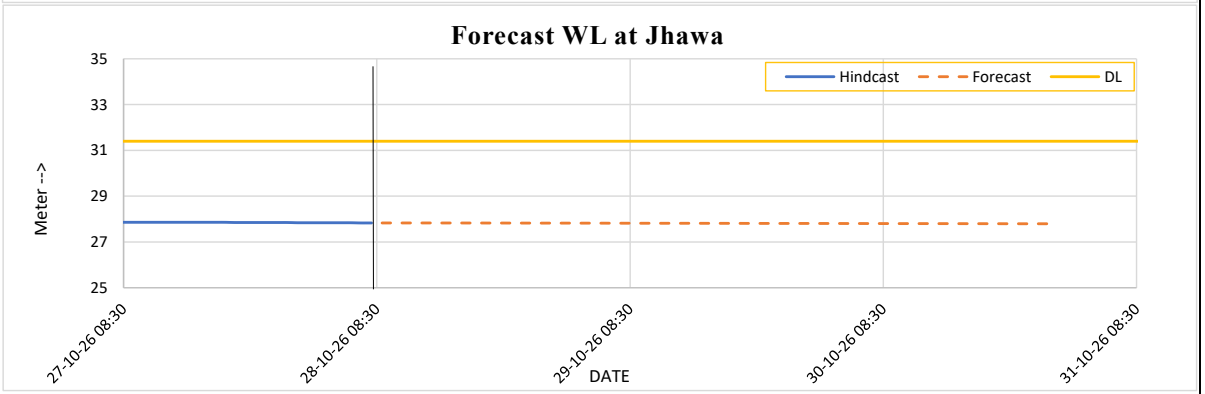
A MMC, WRD, Bihar product based on Mike 11 Model

Date & Time of Forecast: 28-10-2026 14:30

Station / River	District	HFL (m) / Year	Danger Level (m)	Warning Level (m)	Observed WL (m) at 8:00 AM	Forecast Gauge (m)								
						28-10-2026			29-10-2026				30-10-2026	
					28-10-2026	15:00	18:00	24.00	6.00	12.00	18.00	24.00	12.00	24.00
Dhengraghat	Purnia	38.20/17	35.65	34.65	33.34	33.34	33.34	33.34	33.34	33.34	33.34	33.34	33.34	33.33
Jhawa	Katihar	34.07/17	31.4	30.4	27.83	27.83	27.83	27.82	27.82	27.82	27.81	27.81	27.80	27.80







Disclaimer: Forecast is subject to uncertainty due to rainfall forecasts, model parameters, error in measurement and other unknown factors.

- Low Flood : Water level is below Warning 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.

Note: The Observed water level is as received from Central water Commission.

Note : Based on Weather Research and Forecasting (WRF) Model Rainfall forecast for 3 day received from IMD, temporal resolution 6hr and spatial resolution 3km by 3km.

Disclaimer: Due to the unavailability of DHM observed rainfall and water-level data ,WRF rainfall data have been used for both the hindcast and forecast periods. Consequently,forecast accuracy may be reduced due to increased uncertainty in model inputs and the absence of observed data for model updating.