WRD,GoB

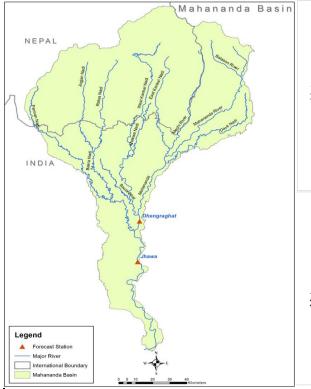
GAUGE FORECAST IN MAHANANDA RIVER BASIN

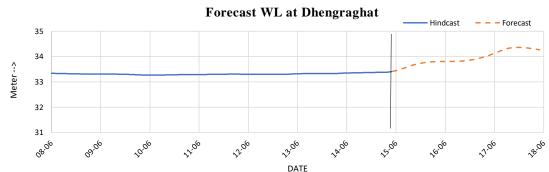
(Gauge forecast for 3 days based on 3 days rainfall forecast from IMD)

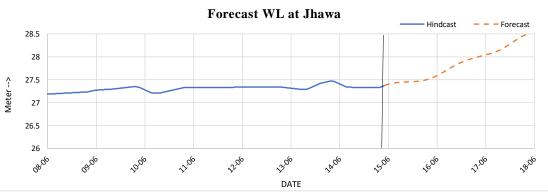
Date & Time of Forecast: 15-06-2024 12:30



Station / River	District	HFL (m) / Year	DL (m)	Observed WL (m) at 8:00 AM	Forecast Gauge (m)								
					15-06-2024			16-06-2024				17-06-2024	
				15-06-2024	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	33.4	33.55	33.64	33.75	33.80	33.81	33.82	33.88	34.17	34.36
Jhawa	Katihar	34.07/17	31.40	27.36	27.44	27.45	27.46	27.51	27.62	27.78	27.90	28.06	28.32







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

- (ii) Cross-Sections used is from JAXA- satellite
- (iii) MIKE11 Data assimilation has been used, which has considerable impact on discharge and thus on Water level Prediction.
- (iv) This forecast is based on WRF model rainfall forecast for 3 days received from IMD whose temporal resolution is 6 hours and spatial resolution is 3 km by 3 km
- (v) This forecast has been issued based on model run for 10 days out of which 7 days are hindcast based on observed data and 3 days forecast received from IMD