

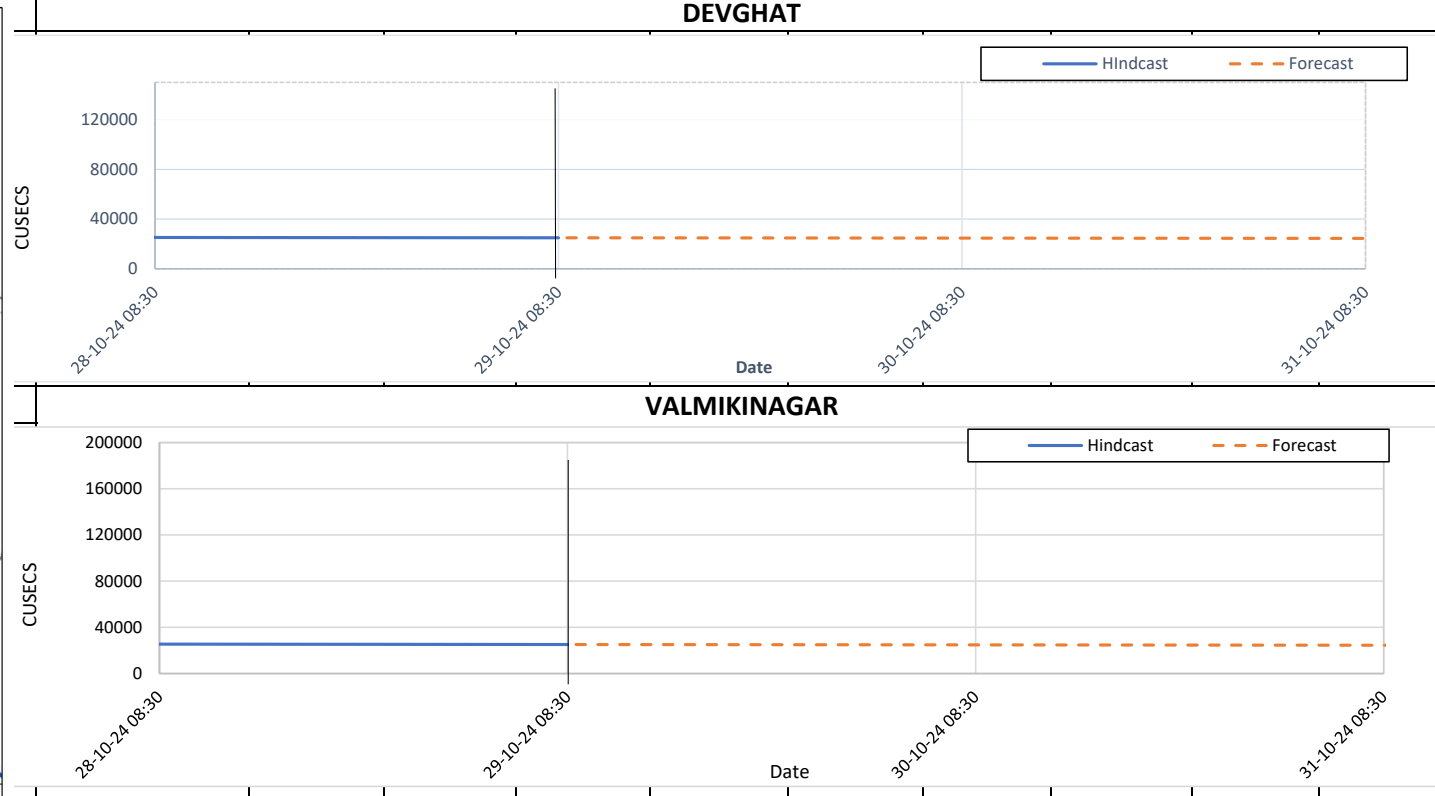
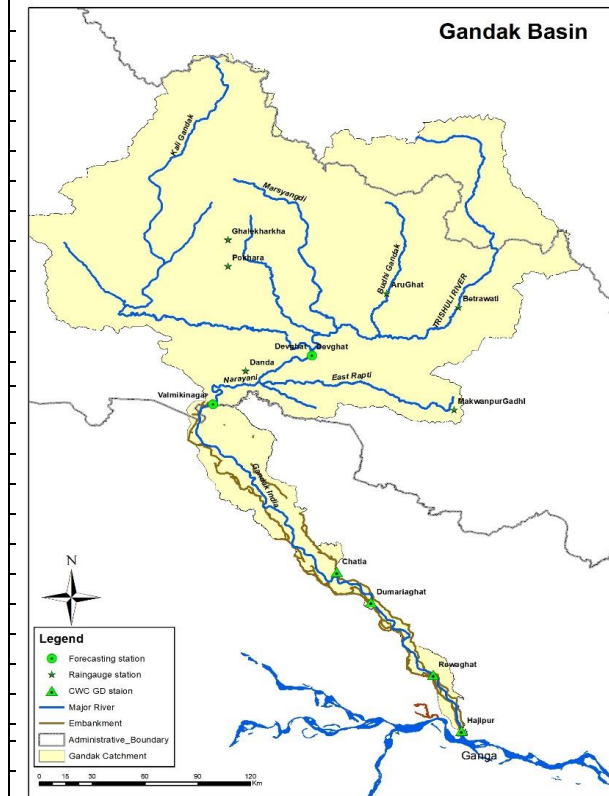


WRD,GoB	DISCHARGE FORECAST IN GANDAK RIVER BASIN			 
	(3 days Discharge forecast based on 3 days rainfall forecast (WRF Model) received from IMD)		Forecast:	29-10-2024 12:30

Station / River	District, Country	Design Discharge in cusecs	Max. Discharge (Year) in cusecs	Observed Discharge at 08:00 AM	Forecast Discharge (In Cusecs)									
					29-10-2024	29-10-2024			30-10-2024				31-10-2024	
						15:00	18:00	24:00	06:00	12:00	18:00	24:00	12:00	24:00
Devghat / Gandak	Bharatpur, Nepal	-	540314 (1999)*	Not Available	24,861	24,831	24,770	24,707	24,644	24,590	24,532	24,421	24,324	
Valmikinagar / Gandak	West Champaran, India	850000	639750 (2003)	23,100	25,033	24,992	24,911	24,832	24,756	24,680	24,602	24,454	24,310	



*Ref: Floods in Nepal: Genesis, Magnitude, Frequency and Consequences (Kiran S. Yogacharya and Dilip K. Gautam Society of Hydrologists and Meteorologists-Nepal)

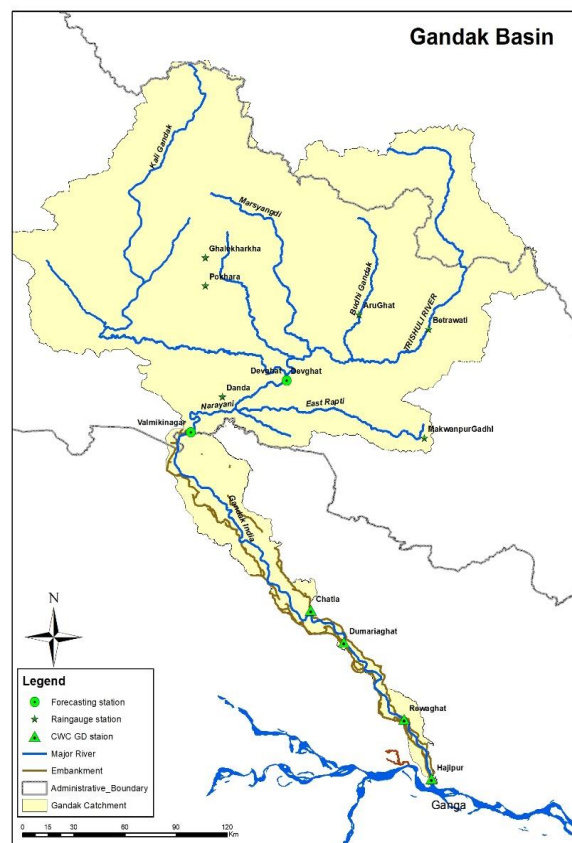
Disclaimer: Forecast is subject to uncertainty due to rainfall forecasts, model parameters, error in measurement and other unknown factors.

Note: The Observed discharge at Valmikinagar is as received from Flood Group Valmikinagar.

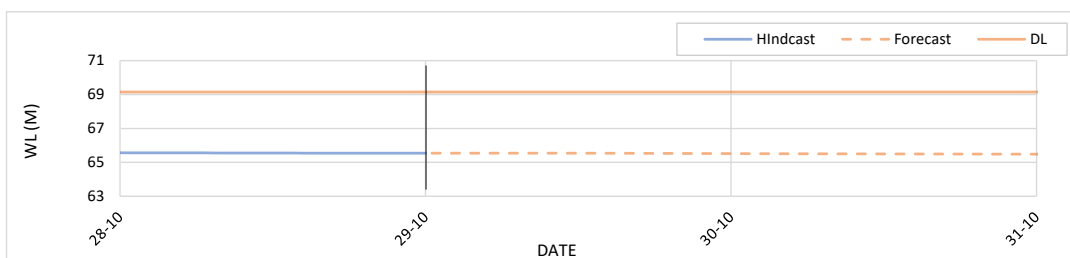
(3 days Gauge forecast based on 3 days rainfall forecast (WRF Model) received from IMD)

Forecast: 29-10-2024 12:30

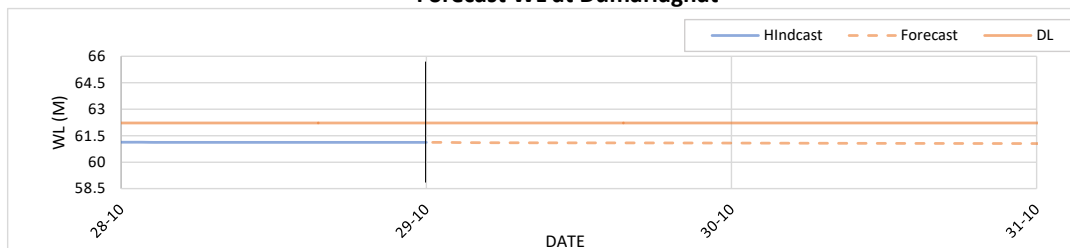
S. NO.	Name of River	Site/Station	H.F.L. (m) / Year	D.L. (m)	Observed WL at 8:00 AM	Forecast Water Level (m)								
						29-10-2024	29-10-2024			30-10-2024				31-10-2024
					15:00		18:00	24:00	6.00	12.00	18.00	24.00	12.00	24.00
1	Gandak	Chatia	70.04/02	69.15	65.54	65.54	65.54	65.53	65.52	65.51	65.50	65.49	65.48	65.45
2		Dumariaghat	64.36/20	62.22	61.12	61.10	61.10	61.09	61.09	61.08	61.07	61.06	61.05	61.04
3		Rewaghat	55.46/20	54.41	51.51	51.51	51.51	51.50	51.49	51.48	51.47	51.47	51.45	51.44
4		Khadda	97.5	96	94.50	94.50	94.50	94.49	94.49	94.49	94.48	94.48	94.47	94.46
5		Lalganj	51.83 (52.12/24)	50.5	48.76	48.10	48.10	48.09	48.07	48.06	48.05	48.04	48.02	48.00



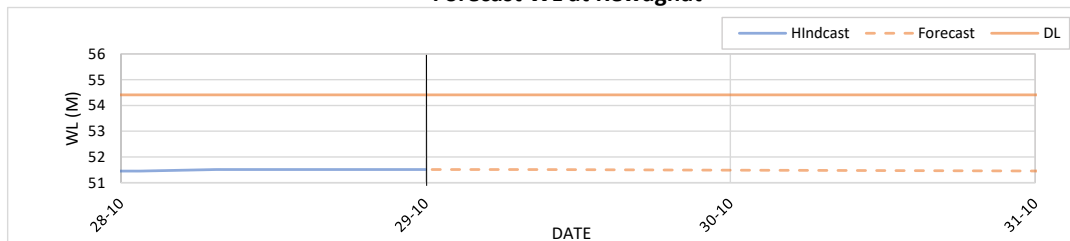
Forecast WL at Chatia



Forecast WL at Dumariaghat



Forecast WL at Rewaghat



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

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

- ☐ 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.