

# BIRPUR DISCHARGE FORECAST IN KOSI BASIN

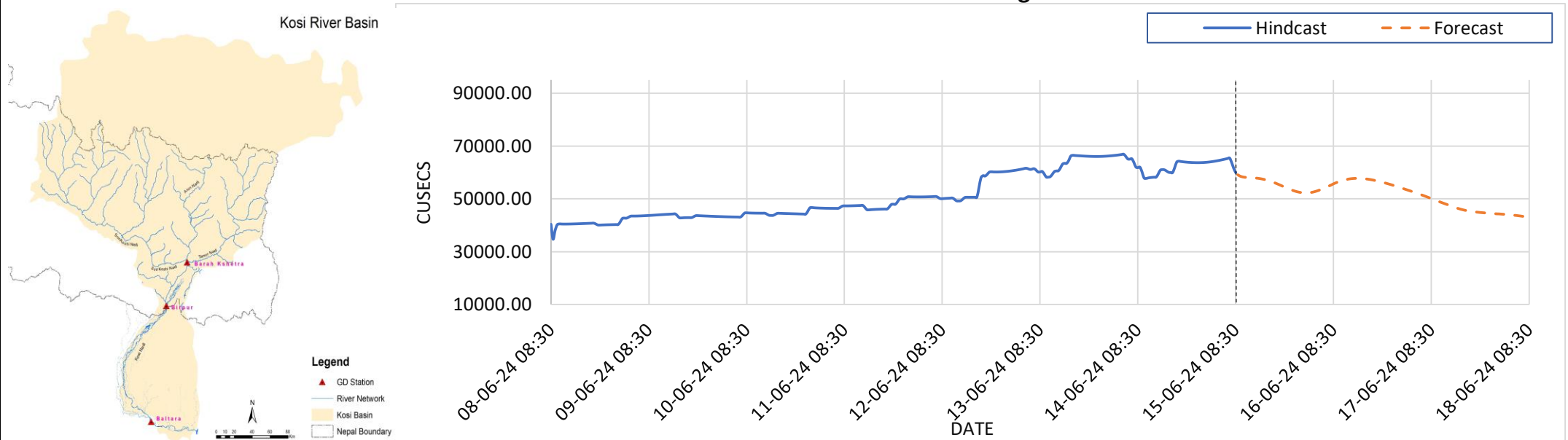
(3 days Gauge forecast based on 3 days rainfall forecast (WRF Model) received from IMD)

Forecast: 15-06-2024 12:30



Station / River	District, Country	Design Discharge in cusecs	Max. Discharge (Date) in cusecs	Observed Discharge at 08:00 AM	Forecast Discharge (In Cusecs)								
				15-06-2024	15-06-2024			16-06-2024				17-06-2024	
				In Cusecs	15:00	18:00	24:00	6:00	12:00	18:00	24:00	12:00	24:00
Birpur	Supaul, India	9,50,000	7,88,200 (05.10.1968)	63,490	57,500	56,104	52,534	53,920	57,439	57,163	54,695	48,044	44,403

Forecast Discharge at BIRPUR



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

Note: The Observed discharge at Birpur is as received from Kosi Barrage Control Room.

WRD,GoB

## Kosi Flood Bulletin

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

Forecast :-  
Time of  
forecast

15-06-2024 12:30

fmisc  
Bihar

SI	Name	HFL/YR (m)	Danger Level (m)	Warning Level (m)	Observed WL (m)**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
1	Barakhshetra	132.18	120.30	119.30	NA	113.39	113.34	113.26	113.10	112.91	112.93	112.97	112.65	112.81
2	Chatra Bazar (47 km u/s)	117	113.45	112.25	NA	105.24	105.19	105.12	104.99	104.81	104.80	104.85	104.63	104.71
3	Rajabas (27 km u/s)	95.7	94.70	93.70	NA	92.10	92.23	92.23	92.16	92.10	92.01	91.93	91.92	91.80
4	Birpur** (0 km)	76.02	74.70	73.70	74.68	74.50	74.46	74.35	74.35	74.42	74.41	74.34	74.15	74.03
5	Kosi Mahasetu*	61.1	58.00	57.00	NA	55.59	55.59	55.50	55.38	55.28	55.22	55.23	55.23	55.09
6	Basua** (64.25 km d/s)	49.24/2017	47.75	46.75	46.54	46.51	46.54	46.62	46.59	46.46	46.31	46.22	46.28	46.30
7	Baluwaha Bridge*	43.1	42.00	41.00	NA	40.45	40.43	40.41	40.44	40.47	40.43	40.32	40.08	40.06
8	Dumri*	36.4	33.85	32.85	NA	31.76	31.82	31.92	31.99	32.02	32.04	32.06	32.06	31.97
9	Baltara**	36.40/1987	33.85	32.85	31.58	31.76	31.82	31.92	31.99	32.02	32.04	32.06	32.06	31.97
10	Vijay Ghat Bridge	33.5	31.00	30.00	NA	27.00	27.08	27.24	27.37	27.48	27.56	27.61	27.67	27.65
11	Kursela**	32.10/1982	30.00	29.00	23.70	23.82	23.86	23.94	24.01	24.08	24.14	24.19	24.26	24.30
12	Dagmara (Khando)	62.5	61.50	60.50	NA	56.40	56.40	56.40	56.40	56.40	56.40	56.40	56.40	56.40
13	Laukaha (Balan)	80.8	79.80	78.80	NA	76.68	76.68	76.68	76.68	76.68	76.68	76.68	76.68	76.68
14	Phulparas (Balan)*	61.8	60.80	59.80	NA	56.94	56.94	56.94	56.94	56.94	56.94	56.94	56.94	56.94
15	Jainagar (Kamla)**	71.35/2019	68.50	67.50	66.62	66.61	66.60	66.58	66.56	66.56	66.56	66.56	66.56	66.56
16	Jhanjharpur (Kamla)**	53.11/2019	50.50	49.50	48.00	48.00	48.00	48.00	48.00	48.01	48.01	48.01	48.01	48.01
17	Kothram (Kamla)*	45.45/2021	44.00	43.00	NA	38.82	38.81	38.81	38.80	38.80	38.79	38.79	38.79	38.79

Water level at or Above Normal Level

Water level at or Above Warning Level

Water level at or Above Danger Level

Water level at or Above HFL

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

Source: \* . WRD-GOB(RTDAS) , \*\* . CWC-GOI,\*\*\* WRD-FLOOD CELL

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