Govt. of Bihar
Flood Management Improvement Support Centre
Jal Sansadhan Bhawan, Anishabad, Patna

Date:- 21-06-2022
Time:- 3:00 PM

DAILY WATER LEVEL AND FLOOD FORECAST DATA

Levels in meter

Sl No.	Name of River	Site/Station	District	Danger Level (DL)	H.F.L (m)/ Year	Todays Observed WL at 6.00 AM	Forecast			Remarks	Compared to DL
							21-06-2022	22-06-2022	23-06-2022		
1	Bagmati & Adhwara group	Dheng bridge	Sitamarhi	71.00	73.00/17	70.64	70.62	70.46	70.64	D	Below DL
2		Sonakhan	Sitamarhi	68.80	72.05/19	68.32	68.31	68.08	68.36	D	Below DL
3		Dubbadhar	Sheohar	61.28	63.75	60.46	60.93	60.95	61.04	I	Below DL
4		Kansar	Sitamarhi	59.06	60.86	57.74	57.71	57.50	57.34	D	Below DL
5		Runisaidpur	Sitamarhi	55.00	58.15/17	54.46	54.42	54.27	54.09	D	Below DL
6		Saulighat	Madhubani	52.37	55.10	49.46	49.53	49.56	49.43	I	Below DL
7		Kamtaul	Darbhanga	50.00	53.01/2004	48.20	48.24	48.25	48.13	I	Below DL
8		Benibad	Muzaffarpur	48.68	50.01/2004	48.98	48.90	48.33	47.78	D	**Above DL**
9		Ekmighat	Darbhanga	46.94	49.52/2004	44.03	44.14	44.22	44.09	I	Below DL
10		Hayaghat	Samastipur	45.72	48.96/87	39.89	42.21	42.03	41.53	I	Below DL
11	Kosi	Barahkshetra	Nepal	120.30	132.18	NA	111.25	111.23	111.36		Below DL
12		Chatra Bazar (47 km u/s)	Nepal	113.45	117.00	NA	104.45	104.43	104.55		Below DL
13		Rajabas (27 km u/s)	Nepal	94.70	95.70	NA	91.95	91.91	91.97		Below DL
14		Birpur (D/S)	Nepal	74.70	76.01	75.07	74.95	74.93	74.94	D	**Above DL**
15		Kosi Mahasetu	Supaul	58.00	61.10	NA	57.50	57.45	57.45		Below DL
16		Basua (64.25 km d/s)	Supaul	47.75	49.24/17	48.51	48.46	48.32	48.31	D	**Above DL**
17		Baluwaha Bridge	Saharasa	42.00	43.10	NA	42.49	42.38	42.34		**Above DL**
18		Dumri	Khagaria	33.85	35.75/17	NA	33.60	34.31	34.66		**Above DL**
19		Baltara	Khagaria	33.85	36.40/87	33.15	33.16	33.93	34.29	I	**Above DL**
20		Vijay Ghat Bridge	Bhagalpur	31.00	33.50	NA	29.51	29.95	30.62		Below DL
21		Kursela	Katihar	30.00	32.10/82	25.63	25.78	26.27	27.14		Below DL
22	Khando	Dagmara	Supaul	61.50	62.50	NA	56.62	56.62	56.62		Below DL
23	Bhutahi Balan	Laukaha	Madhubani	79.80	80.80	NA	76.95	76.95	76.95		Below DL
24		Phulparas	Madhubani	60.80	61.80	NA	57.36	57.36	57.36		Below DL
25	Kamla	Jainagar	Madhubani	67.75	71.35/19	67.70	67.68	67.62	67.57	D	Below DL
26		Jhanjharpur	Madhubani	50.00	53.11/19	50.00	49.92	49.21	49.01	D	Below DL
27		Kothram	Darbhanga	44.00	46.58/19	NA	41.86	41.76	41.24		Below DL
28	Mahananda	Dhengraghat	Purnia	35.65	38.16/17	35.62	36.04	36.35	36.57	I	**Above DL**
29		Jhawa	Katihar	31.40	34.07/17	30.65	30.93	31.50	31.87	I	**Above DL**
30	Ganga	Buxar	Buxar	60.32	62.09/48	49.08	49.09	49.09	49.12	I	Below DL
31		Dighaghat	Patna	50.45	52.52/75	43.95	44.17	44.49	44.61	I	Below DL
32		Gandhighat	Patna	48.60	50.52/16	43.96	44.14	44.47	44.58	I	Below DL
33		Hathidah	Patna	41.76	43.52/2021	35.75	35.84	36.18	36.54	I	Below DL
34		Munger	Munger	39.33	40.99/76	31.49	31.53	31.77	32.17	I	Below DL
35		Bhagalpur	Bhagalpur	33.68	34.86/2021	26.54	26.72	27.23	28.13	I	Below DL
36		Kahalgaon	Bhagalpur	31.09	32.87/03	-	26.23	26.84	27.98	#VALUE!	Below DL
37	Gandak	Chatia	W. Champaran	69.15	70.04/02	65.86	65.80	65.96	65.93	I	Below DL
38		Dumariaghat	Gopalganj	62.22	64.36/20	61.82	61.66	61.77	61.82	D	Below DL
39		Rewaghat	Muzaffarpur	54.41	55.46/20	52.67	52.79	52.67	52.82	I	Below DL

I= Increasing Trend for 1st 24 hours
D= Decreasing Trend for 1st 24 hours
S= Static Trend for 1st 24 hours
} as compared to today's observed data & next day forecast data

Input Data= IMD 72 hours rainfall forecast & CWC Gauge.

Disclaimer (i) Forecast is subject to uncertainty due to rainfall forecasts, model parameters, errors in measurement and other unkown factors

(ii). Cross-sections used in River Ganga and Mahananda is from JAXA-satellite whereas actual cross section for River Kosi & Bagmati

(iii). MIKE-11 Data Assimilation has been used which has considerable impact on discharge and thus on Water level Prediction. (For Rivers other than Kosi, Khando, Kamla and Bhutahi)

(iV). Water level status with respect to the Danger Level has been calculated based on the forecasted data for all the three days

(v). Kosi basin part in regional network model is still under improvement.