

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

Date:- 06-06-2022

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 | Today's Observed WL at 6.00 AM | Forecast | | | Remarks | Compared to DL |
|--------|-------------------------|--------------------------|--------------|-------------------|-----------------|--------------------------------|------------|------------|------------|---------|----------------|
| | | | | | | | 06-06-2022 | 07-06-2022 | 08-06-2022 | | |
| 1 | Bagmati & Adhwara group | Dheng bridge | Sitamarhi | 71.00 | 73.00/17 | 69.54 | 69.56 | 69.57 | 69.82 | I | Below DL |
| 2 | | Sonakhan | Sitamarhi | 68.80 | 72.05/19 | 67.80 | 67.85 | 67.86 | 68.13 | I | Below DL |
| 3 | | Dubbadhar | Sheohar | 61.28 | 63.75 | 59.60 | 59.65 | 59.78 | 59.82 | I | Below DL |
| 4 | | Kansar | Sitamarhi | 59.06 | 60.86 | 56.31 | 56.27 | 56.24 | 56.25 | D | Below DL |
| 5 | | Runisaidpur | Sitamarhi | 55.00 | 58.15/17 | 52.95 | 52.92 | 52.88 | 52.91 | D | Below DL |
| 6 | | Saulighat | Madhubani | 52.37 | 55.10 | 46.66 | 46.77 | 46.85 | 46.88 | I | Below DL |
| 7 | | Kamtaul | Darbhanga | 50.00 | 53.01/2004 | 46.57 | 46.58 | 46.60 | 46.62 | I | Below DL |
| 8 | | Benibad | Muzaffarpur | 48.68 | 50.01/2004 | 46.91 | 46.79 | 46.46 | 46.24 | D | Below DL |
| 9 | | Ekmighat | Darbhanga | 46.94 | 49.52/2004 | 40.98 | 40.99 | 41.07 | 41.22 | I | Below DL |
| 10 | | Hayaghat | Samastipur | 45.72 | 48.96/87 | 39.25 | 39.22 | 39.02 | 38.83 | D | Below DL |
| 11 | Kosi | Barahkshetra | Nepal | 120.30 | 132.18 | NA | 111.43 | 111.59 | 111.90 | | Below DL |
| 12 | | Chatra Bazar (47 km u/s) | Nepal | 113.45 | 117.00 | NA | 104.61 | 104.75 | 105.02 | | Below DL |
| 13 | | Rajabas (27 km u/s) | Nepal | 94.70 | 95.70 | NA | 92.00 | 92.06 | 92.19 | | Below DL |
| 14 | | Birpur (D/S) | Nepal | 74.70 | 76.01 | 74.34 | 73.51 | 73.56 | 73.71 | D | Below DL |
| 15 | | Kosi Mahasetu | Supaul | 58.00 | 61.10 | NA | 55.77 | 55.73 | 55.82 | | Below DL |
| 16 | | Basua (64.25 km d/s) | Supaul | 47.75 | 49.24/17 | 46.51 | 46.54 | 46.61 | 46.87 | I | Below DL |
| 17 | | Baluwaha Bridge | Saharasa | 42.00 | 43.10 | NA | 40.28 | 40.32 | 40.49 | | Below DL |
| 18 | | Dumri | Khagaria | 33.85 | 35.75/17 | NA | 31.57 | 31.67 | 31.72 | | Below DL |
| 19 | | Baltara | Khagaria | 33.85 | 36.40/87 | 31.40 | 31.40 | 31.48 | 31.53 | I | Below DL |
| 20 | | Vijay Ghat Bridge | Bhagalpur | 31.00 | 33.50 | NA | 27.60 | 27.65 | 27.73 | | Below DL |
| 21 | | Kursela | Katihar | 30.00 | 32.10/82 | 23.97 | 23.97 | 23.97 | 23.98 | | Below DL |
| 22 | Khando | Dagmara | Supaul | 61.50 | 62.50 | NA | 56.66 | 56.65 | 56.66 | | 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 | 57.37 | 57.36 | 57.37 | | Below DL |
| 25 | Kamla | Jainagar | Madhubani | 67.75 | 71.35/19 | 67.29 | 67.20 | 66.54 | 66.54 | D | Below DL |
| 26 | | Jhanjharpur | Madhubani | 50.00 | 53.11/19 | 49.04 | 48.78 | 48.53 | 48.36 | D | Below DL |
| 27 | | Kothram | Darbhanga | 44.00 | 46.58/19 | NA | 41.09 | 40.59 | 40.06 | | Below DL |
| 28 | Mahananda | Dhengraghat | Purnia | 35.65 | 38.16/17 | 33.75 | 33.84 | 34.22 | 34.31 | I | Below DL |
| 29 | | Jhawa | Katihar | 31.40 | 34.07/17 | 27.85 | 27.92 | 28.01 | 28.17 | I | Below DL |
| 30 | Ganga | Buxar | Buxar | 60.32 | 62.09/48 | 49.45 | 49.45 | 49.46 | 49.48 | I | Below DL |
| 31 | | Dighaghat | Patna | 50.45 | 52.52/75 | 42.94 | 42.94 | 42.92 | 42.89 | D | Below DL |
| 32 | | Gandhighat | Patna | 48.60 | 50.52/16 | 42.48 | 42.48 | 42.47 | 42.44 | D | Below DL |
| 33 | | Hathidah | Patna | 41.76 | 43.52/2021 | 34.55 | 34.55 | 34.56 | 34.56 | I | Below DL |
| 34 | | Munger | Munger | 39.33 | 40.99/76 | 30.28 | 30.28 | 30.29 | 30.30 | I | Below DL |
| 35 | | Bhagalpur | Bhagalpur | 33.68 | 34.86/2021 | 25.79 | 25.79 | 25.79 | 25.79 | S | Below DL |
| 36 | | Kahalgaoon | Bhagalpur | 31.09 | 32.87/03 | 24.63 | 24.62 | 24.60 | 24.59 | D | Below DL |
| 37 | Gandak | Chatia | W. Champaran | 69.15 | 70.04/02 | 64.57 | 64.57 | 64.64 | 64.82 | I | Below DL |
| 38 | | Dumariaghat | Gopalganj | 62.22 | 64.36/20 | 60.62 | 60.58 | 60.60 | 60.71 | D | Below DL |
| 39 | | Rewaghat | Muzaffarpur | 51.12 | 55.46/20 | 51.32 | 51.32 | 51.27 | 51.33 | D | Above 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 unknown 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.