

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

Date:- 11-09-2022
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 |
|--------|-------------------------|--------------------------|--------------|-------------------|-----------------|-------------------------------|------------|------------|------------|---------|----------------|
| | | | | | | | 11-09-2022 | 12-09-2022 | 13-09-2022 | | |
| 1 | Bagmati & Adhwara group | Dheng bridge | Sitamarhi | 71.00 | 73.00/17 | 69.94 | 69.85 | 69.69 | 69.74 | D | Below DL |
| 2 | | Sonakhan | Sitamarhi | 68.80 | 72.05/19 | 68.15 | 68.07 | 67.92 | 68.03 | D | Below DL |
| 3 | | Dubbadhar | Sheohar | 61.28 | 63.75 | 60.67 | 60.65 | 60.51 | 60.53 | D | Below DL |
| 4 | | Kansar | Sitamarhi | 59.06 | 60.86 | 57.25 | 57.17 | 56.89 | 56.70 | D | Below DL |
| 5 | | Runisaidpur | Sitamarhi | 55.00 | 58.15/17 | 54.41 | 54.22 | 54.08 | 53.86 | D | Below DL |
| 6 | | Saulighat | Madhubani | 52.37 | 55.10 | 50.61 | 50.48 | 50.14 | 49.87 | D | Below DL |
| 7 | | Kamtaul | Darbhanga | 50.00 | 53.01/2004 | 48.90 | 48.97 | 48.92 | 48.87 | I | Below DL |
| 8 | | Benibad | Muzaffarpur | 48.68 | 50.01/2004 | 49.49 | 49.40 | 49.21 | 49.05 | D | Above DL |
| 9 | | Ekmighat | Darbhanga | 46.94 | 49.52/2004 | 45.53 | 45.52 | 45.47 | 45.34 | D | Below DL |
| 10 | | Hayaghat | Samastipur | 45.72 | 48.96/87 | 44.26 | 44.32 | 44.43 | 44.36 | I | Below DL |
| 11 | Kosi | Barakhshetra | Nepal | 120.30 | 132.18 | NA | 113.40 | 113.10 | 112.79 | | Below DL |
| 12 | | Chatra Bazar (47 km u/s) | Nepal | 113.45 | 117.00 | NA | 106.39 | 106.15 | 105.90 | | Below DL |
| 13 | | Rajabas (27 km u/s) | Nepal | 94.70 | 95.70 | NA | 92.92 | 92.79 | 92.67 | | Below DL |
| 14 | | Birpur (D/S) | Nepal | 74.70 | 76.01 | 75.01 | 74.41 | 74.32 | 74.24 | D | Below DL |
| 15 | | Kosi Mahasetu | Supaul | 58.00 | 61.10 | 56.65 | 56.84 | 56.77 | 56.64 | | Below DL |
| 16 | | Basua (64.25 km d/s) | Supaul | 47.75 | 49.24/17 | 48.52 | 48.57 | 48.52 | 48.42 | D | Above DL |
| 17 | | Baluwaha Bridge | Sahasara | 42.00 | 43.10 | 42.12 | 42.49 | 42.50 | 42.47 | | Above DL |
| 18 | | Dumri | Khagaria | 33.85 | 35.75/17 | 34.43 | 35.25 | 35.24 | 35.25 | I | Above DL |
| 19 | | Baltara | Khagaria | 33.85 | 36.40/87 | 34.44 | 34.45 | 34.44 | 34.44 | S | Above DL |
| 20 | | Vijay Ghat Bridge | Bhagalpur | 31.00 | 33.50 | NA | 31.35 | 31.28 | 31.25 | | Above DL |
| 21 | | Kursela | Katihar | 30.00 | 32.10/82 | 29.85 | 29.78 | 29.60 | 29.42 | D | Below DL |
| 22 | Khando | Dagmara | Supaul | 61.50 | 62.50 | NA | 57.26 | 57.15 | 57.19 | | Below DL |
| 23 | Bhutahi Balan | Laukaha | Madhubani | 79.80 | 80.80 | NA | 77.80 | 77.78 | 77.79 | | Below DL |
| 24 | | Phulparas | Madhubani | 60.80 | 61.80 | 57.89 | 57.68 | 57.64 | 57.65 | D | Below DL |
| 25 | Kamla | Jainagar | Madhubani | 67.75 | 71.35/19 | 67.56 | 67.52 | 67.49 | 67.54 | D | Below DL |
| 26 | | Jhanjharpur | Madhubani | 50.00 | 53.11/19 | 49.95 | 49.52 | 48.90 | 48.79 | D | Below DL |
| 27 | | Kothram | Darbhanga | 44.00 | 46.58/19 | 42.78 | 42.19 | 41.87 | 41.14 | D | Below DL |
| 28 | Mahananda | Dhengraghat | Purnia | 35.65 | 38.16/17 | 34.56 | 34.47 | 34.31 | 34.25 | D | Below DL |
| 29 | | Jhawa | Katihar | 31.40 | 34.07/17 | 30.14 | 30.05 | 29.88 | 29.76 | D | Below DL |
| 30 | Ganga | Buxar | Buxar | 60.32 | 62.09/48 | 55.81 | 55.71 | 55.48 | 55.31 | D | Below DL |
| 31 | | Dighaghat | Patna | 50.45 | 52.52/75 | 48.10 | 48.01 | 47.75 | 47.55 | D | Below DL |
| 32 | | Gandhighat | Patna | 48.60 | 50.52/16 | 47.14 | 47.07 | 46.89 | 46.75 | D | Below DL |
| 33 | | Hathidah | Patna | 41.76 | 43.52/2021 | 40.58 | 40.43 | 40.12 | 39.89 | D | Below DL |
| 34 | | Munger | Munger | 39.33 | 40.99/76 | 36.69 | 36.58 | 36.24 | 35.98 | D | Below DL |
| 35 | | Bhagalpur | Bhagalpur | 33.68 | 34.86/2021 | 32.19 | 32.13 | 31.91 | 31.70 | D | Below DL |
| 36 | | Kahalgaoon | Bhagalpur | 31.09 | 32.87/03 | 30.61 | 30.52 | 30.29 | 30.07 | D | Below DL |
| 37 | Gandak | Chatia | W. Champaran | 69.15 | 70.04/02 | 65.94 | 65.92 | 65.85 | 65.93 | D | Below DL |
| 38 | | Dumariaghat | Gopalganj | 62.22 | 64.36/20 | 61.85 | 61.89 | 61.90 | 61.97 | I | Below DL |
| 39 | | Rewaghat | Muzaffarpur | 54.41 | 55.46/20 | 52.84 | 52.86 | 52.93 | 52.96 | 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 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.