

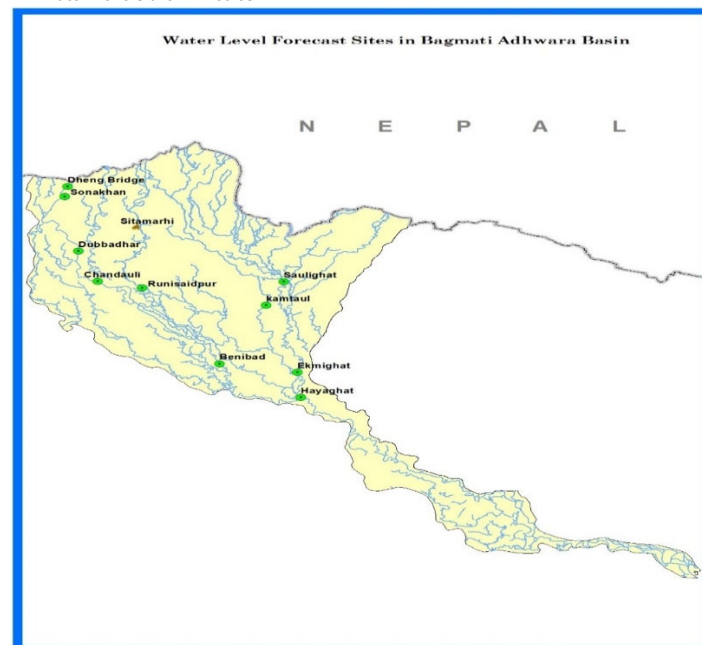
GAUGE FORECAST IN BAGMATI-ADHWARA RIVER BASIN

(Experimental Gauge forecast for 5 days based on 5 days rainfall forecast from IMD)

Date of Forecast : 12.08.2022
Time of Model Run : 12:30 PMA FMISC, Bihar product
based on Mike 11 Model

| Station / River | District | WL (m) | DL (m) | HFL (m) /Year | Observed WL (m) at (06:00 AM) | Forecast Gauge (m) | | | | | | | | | | | | |
|------------------------------|-------------|--------|--------|------------------|-------------------------------------|--------------------|-------|-------|------------|-------|-------|-------|------------|-------|------------|-------|------------|-------|
| | | | | | | 12-08-2022 | | | 13-08-2022 | | | | 14-08-2022 | | 15-08-2022 | | 16-08-2022 | |
| | | | | | | 12-08-2022 | 15:00 | 18:00 | 24.00 | 6.00 | 12.00 | 18.00 | 24.00 | 12.00 | 24.00 | 12.00 | 24.00 | 12.00 |
| Dheng Bridge/ BAGMATI | Sitamarhi | 70.00 | 71.00 | 73.00/2019 | 69.63 | 69.63 | 69.62 | 69.60 | 69.57 | 69.55 | 69.53 | 69.52 | 69.50 | 69.51 | 69.60 | 69.77 | 69.88 | 69.94 |
| Sonakhan/ BAGMATI ** | Sitamarhi | 67.80 | 68.80 | 72.05/2019 | 67.82 | 67.81 | 67.81 | 67.79 | 67.78 | 67.76 | 67.75 | 67.74 | 67.75 | 67.77 | 67.88 | 68.09 | 68.24 | 68.33 |
| Dubbadhar/ BAGMATI | Sitamarhi | 60.28 | 61.28 | 63.75 | 60.79 | 60.76 | 60.74 | 60.71 | 60.69 | 60.67 | 60.66 | 60.64 | 60.62 | 60.61 | 60.62 | 60.67 | 60.84 | 61.01 |
| Chandauli/Kansar/ BAGMATI ** | Sitamarhi | 58.06 | 59.06 | 60.86 | 56.86 | 56.78 | 56.75 | 56.69 | 56.63 | 56.59 | 56.55 | 56.52 | 56.47 | 56.44 | 56.42 | 56.45 | 56.59 | 56.89 |
| Runisaidpur/BAGMATI | Sitamarhi | 54.00 | 55.00 | 58.15/2017 | 53.80 | 53.68 | 53.66 | 53.61 | 53.55 | 53.50 | 53.46 | 53.42 | 53.37 | 53.33 | 53.30 | 53.31 | 53.38 | 53.60 |
| Saulighat/ DHAUS | Madhubani | 51.32 | 52.32 | 55.10 | 47.89 | 47.72 | 47.67 | 47.58 | 47.50 | 47.43 | 47.37 | 47.32 | 47.25 | 47.19 | 47.15 | 47.11 | 47.09 | 47.07 |
| Kamtaul/ KHIROI_RIVER * | Darbhangha | 49.00 | 50.00 | 52.99/2004 | 47.68 | 47.60 | 47.60 | 47.58 | 47.57 | 47.56 | 47.55 | 47.54 | 47.52 | 47.50 | 47.48 | 47.47 | 47.46 | 47.45 |
| Benibad/ BAGMATI * | Muzaffarpur | 47.68 | 48.68 | 50.01/2004 | 48.67 | 48.06 | 47.90 | 47.62 | 47.39 | 47.20 | 47.04 | 46.91 | 46.70 | 46.56 | 46.47 | 46.41 | 46.38 | 46.39 |
| Ekmathat/ DARBHANGA_BAGMATI | Darbhangha | 45.94 | 46.94 | 49.52/2004 | 44.01 | 43.83 | 43.77 | 43.66 | 43.53 | 43.39 | 43.26 | 43.13 | 42.93 | 42.78 | 42.68 | 42.61 | 42.57 | 42.53 |
| Hayaghat/ BAGMATI * | Darbhangha | 44.72 | 45.72 | 48.96/1987 | 43.06 | 42.89 | 42.82 | 42.65 | 42.43 | 42.20 | 41.96 | 41.73 | 41.29 | 40.92 | 40.63 | 40.42 | 40.26 | 40.15 |

All Water Levels are in metres.



- 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.

Disclaimer: Forecast is subject to uncertainty due to rainfall forecasts, model parameters, error in measurement and other unknown factors.**Note :** Based on Global Forecast System (GFS) model rainfall forecast for 5 days received from IMD, temporal resolution 24 hr and spatial resolution 25 km by 25 km.

* Water Level from CWC.

** Water Level from WRD (Manual).

Rest Water Level from WRD - Real Time Data Acquisition System (RTDAS).