



**Central Water Commission**  
**Upper Ganga Basin Organisation, Lucknow**  
**Daily Flood Situation Report Cum Advisories**  
**Date: 12 August, 2019**

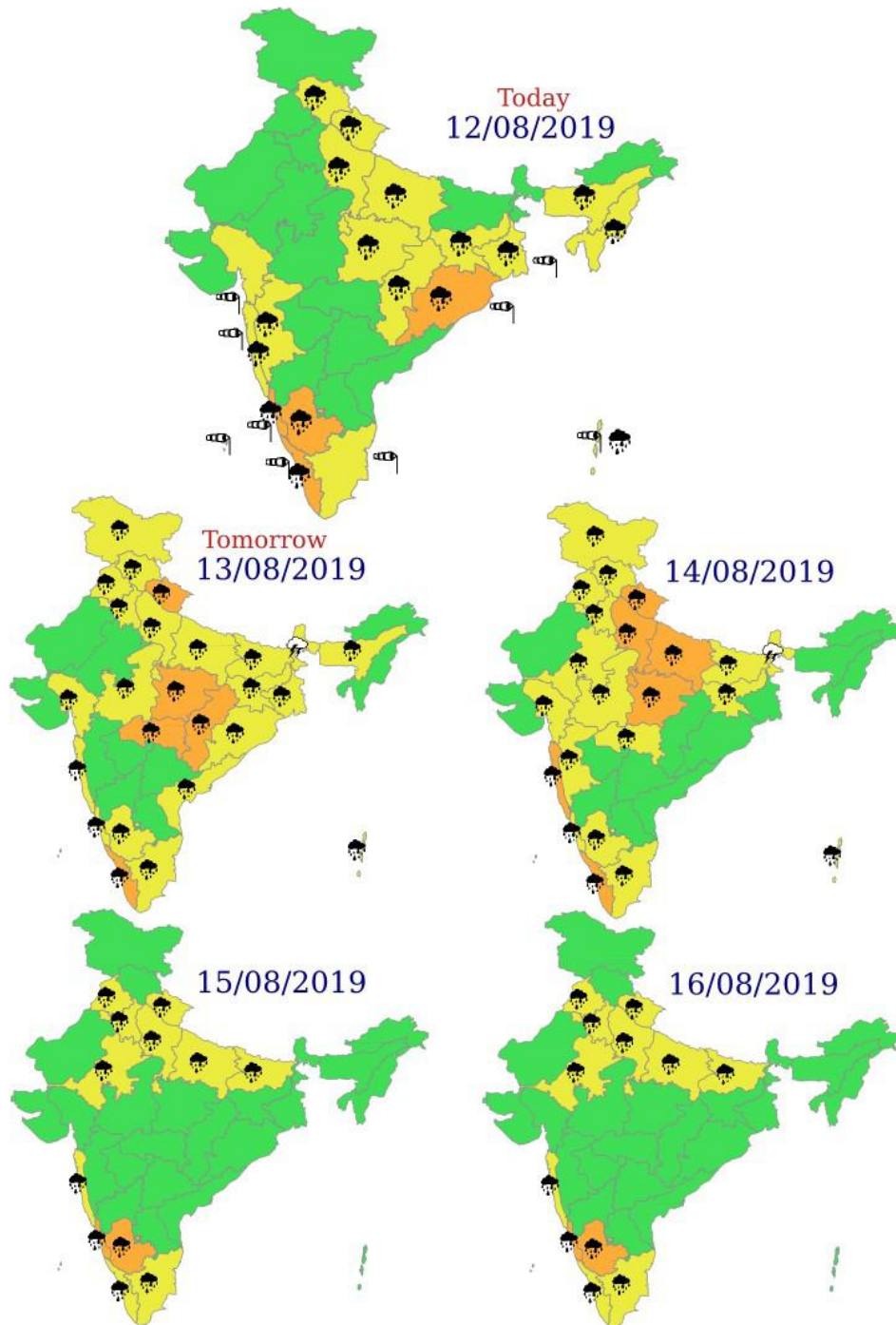
**1. Rainfall Situation**

**Amount of rainfall recorded at 8:30 hours IST of today (70 mm or more)**

| Name of Place (State)                | Rainfall (in mm) |
|--------------------------------------|------------------|
| Ayodhya (Faizabad/Uttar Pradesh)     | 130.0            |
| Jauljibi (Pithoragarh/ Uttarakhand)  | 84.0             |
| Thal (Pithoragarh/ Uttarakhand)      | 78.8             |
| Nandkeshari (Chamoli /Uttarakhand)   | 142.4            |
| Satyanarayan (Dehradun/ Uttarakhand) | 97.0             |
| Nayi Birahi (Chamoli /Uttarakhand)   | 70.0             |
| Birahi (Chamoli /Uttarakhand)        | 70.0             |
|                                      |                  |
|                                      |                  |
|                                      |                  |
|                                      |                  |
|                                      |                  |
|                                      |                  |
|                                      |                  |

Based on Amount of rainfall recorded, Faizabad , Pithoragarh ,Chamoli and Dehradun districts are affected.

## 1.1 Rainfall forecast for next 5days issued on 12.08.2019 (Midday) by IMD



### WARNING

|                         |
|-------------------------|
| WARNING (TAKE ACTION)   |
| ALERT ( BE PREPARED)    |
| WATCH (BE UPDATED)      |
| NO WARNING ( NO ACTION) |

**1.2 Quantitative Precipitation Forecast (QPF) issued By IMD dated 12.08.2019**

| क्रम सं | बेसिन   | उप बेसिन                    | Valid Upto 08:30 hrs of IST |                |                |
|---------|---------|-----------------------------|-----------------------------|----------------|----------------|
|         |         |                             | QPF Day-1 (mm)              | QPF Day-2 (mm) | QPF Day-3 (mm) |
| 1       | अलकनंदा | अलकनंदा                     | 11-25                       | 26-50          | 26-50          |
| 2       | भागीरथी | भागीरथी                     | 26-50                       | 26-50          | 26-50          |
| 3       | गंगा    | गंगा (छतनाग से मिर्ज़ापुर ) | 26-50                       | 26-50          | 26-50          |
| 4       |         | गंगा( नरोरा से फाफामऊ)      | 26-50                       | 51-100         | 51-100         |
| 5       |         | गंगा (फाफामऊ से बलिया )     | 26-50                       | 26-50          | 26-50          |
|         |         | गोमती                       | 11-25                       | 26-50          | 0.1-10         |
| 7       |         | सई                          | 11-25                       | 26-50          | 26-50          |
| 8       |         | ऊपरी गंगा                   | 0.1-10                      | 0.1-10         | 51-100         |
| 9       | घाघरा   | निचली घाघरा                 | 0.1-10                      | 0.1-10         | 0.1-10         |
| 10      |         | मध्य घाघरा                  | 0.1-10                      | 0.1-10         | 0.1-10         |
| 11      |         | ऊपरी घाघरा                  | 26-50                       | 26-50          | 0.1-10         |
| 12      | रामगंगा | रामगंगा                     | 26-50                       | 26-50          | 51-100         |
| 13      | राप्ती  | राप्ती                      | 0.1-10                      | 0.1-10         | 0.1-10         |
| 14      | शारदा   | शारदा                       | 11-25                       | 26-50          | 0.1-10         |

## 2.0 Flood Situation on 12<sup>th</sup> August, 2019:-



|  |                                                                          |
|--|--------------------------------------------------------------------------|
|  | जब नदी का जल स्तर चेतावनी स्तर और खतरे के स्तर के बीच में हो ।           |
|  | जब नदी का जल स्तर खतरे के स्तर और स्थल के उच्चतम जल स्तर के बीच में हो । |
|  | जब नदी का जल स्तर स्थल के उच्चतम जल स्तर से अधिक हो ।                    |

| 2.1 Summary of flood situation as per CWC flood forecasting network                                  |                                                                                                       |                          |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------|
|                                                                                                      |                                                                                                       |                          |
| Part -1 LEVEL FORECAST                                                                               |                                                                                                       |                          |
| S.No.                                                                                                | Flood Situations                                                                                      | No. of Forecasting Sites |
| A.                                                                                                   | Extreme Flood Situation:                                                                              |                          |
|                                                                                                      | (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalised)                      | 0                        |
| B.                                                                                                   | Severe Flood Situation :                                                                              |                          |
|                                                                                                      | (Site(s) where water Level touching or exceeding the Danger Level but below Highest Flood Level (HFL) | 1                        |
| C.                                                                                                   | Above Normal Flood Situation:                                                                         |                          |
|                                                                                                      | (Site (s) where water level touching or exceeding the warning Level but below Danger Level)           | 4                        |
| Total Numbers of Sites above Warning Level (A+B+C)                                                   |                                                                                                       | 5                        |
|                                                                                                      |                                                                                                       |                          |
| Part -2 INFLOW FORECAST                                                                              |                                                                                                       |                          |
| Number of Sites for which inflow forecasts issued:                                                   |                                                                                                       | 1                        |
| (Where inflow are equal or exceed the specified Threshold Limit for a particular reservior/ barrage) |                                                                                                       | 0                        |

2.1.1 Above Normal (Water Level touching or exceeding the warning Level but below Danger Level)

| Name of river | Flood Forecasting Sites | District   | State | Danger Level (m) | Warning Level (m) | Previous Highest |            | Actual Level |      |         | Forecast  |          |      |         |
|---------------|-------------------------|------------|-------|------------------|-------------------|------------------|------------|--------------|------|---------|-----------|----------|------|---------|
|               |                         |            |       |                  |                   | Level(m)         | Date       | Level (m)    | Time | Trend   | Level (m) | Date     | Time | Trend   |
| Ghaghra       | Ayodhya                 | Faizabad   | U.P.  | 92.73            | 91.73             | 94.01            | 11.10.2009 | 92.34        | 0800 | Steady  | 92.42     | 13.08.19 | 0800 | Rising  |
| Ghaghra       | Turtipar                | Ballia     | U.P.  | 64.01            | 63.01             | 66.00            | 28.08.1998 | 63.61        | 0800 | Falling | 63.45     | 13.08.19 | 0800 | Falling |
| Ghaghra       | Elginbridge             | Barabanki  | U.P.  | 106.07           | 105.07            | 107.62           | 16.08.2014 | 106.06       | 0800 | Steady  | 105.95    | 13.08.19 | 0800 | Falling |
| Ganga         | Fatehgarh               | Farukhabad | U.P.  | 137.60           | 136.60            | 138.14           | 26.09.2010 | 136.79       | 0800 | Falling | 136.80    | 13.08.19 | 0800 | Rising  |

2.1.2 Severe Flood Situation (Water Level touching or exceeding the Danger Level but below Highest Flood Level (HFL))

| Name of river | Flood Forecasting Sites | District | State | Danger Level(m) | Warning Level (m) | Previous Highest |            | Actual Level |      |        | Forecast  |          |      |        |
|---------------|-------------------------|----------|-------|-----------------|-------------------|------------------|------------|--------------|------|--------|-----------|----------|------|--------|
|               |                         |          |       |                 |                   | Level(m)         | Date       | Level( m)    | Time | Trend  | Level (m) | Date     | Time | Trend  |
| Ganga         | Kachlabridge            | Badaun   | U.P.  | 162.00          | 161.00            | 162.79           | 24.09.2010 | 162.08       | 0800 | Rising | 162.15    | 12.08.19 | 2400 | Rising |
|               |                         |          |       |                 |                   |                  |            |              |      |        |           |          |      |        |

2.1.3 Extreme Flood Situation (Water Level exceeded or equalized Highest Flood Level (HFL))

| Name of river | Flood Forecasting Sites | District | State | Danger Level(m) | Warning Level (m) | Previous Highest |      | Actual Level |      |       | Forecast  |      |      |       |
|---------------|-------------------------|----------|-------|-----------------|-------------------|------------------|------|--------------|------|-------|-----------|------|------|-------|
|               |                         |          |       |                 |                   | Level(m)         | Date | Level(m)     | Time | Trend | Level (m) | Date | Time | Trend |
|               |                         |          |       |                 |                   |                  |      |              |      |       |           |      |      |       |
|               |                         |          |       |                 |                   |                  |      |              |      |       |           |      |      |       |
|               |                         |          |       |                 |                   |                  |      |              |      |       |           |      |      |       |

Note - No Station in this situation Dated 12.08.2019

#### 2.1.4 Reservoir

| Name of river | Flood Forecasting Sites | District     | State | Danger Level(m) | Warning Level (m) | Previous Highest |      | Actual Level |      |        | Forecast       |          |      |        |
|---------------|-------------------------|--------------|-------|-----------------|-------------------|------------------|------|--------------|------|--------|----------------|----------|------|--------|
|               |                         |              |       |                 |                   | Level(m)         | Date | Level(m)     | Time | Trend  | Level (Cumecs) | Date     | Time | Trend  |
| Ganga         | Narora                  | Bulandshahar | U.P.  | -               | -                 | -                | -    | 177.53       | 0800 | Steady | 2435.5         | 12.08.19 | 2400 | Rising |

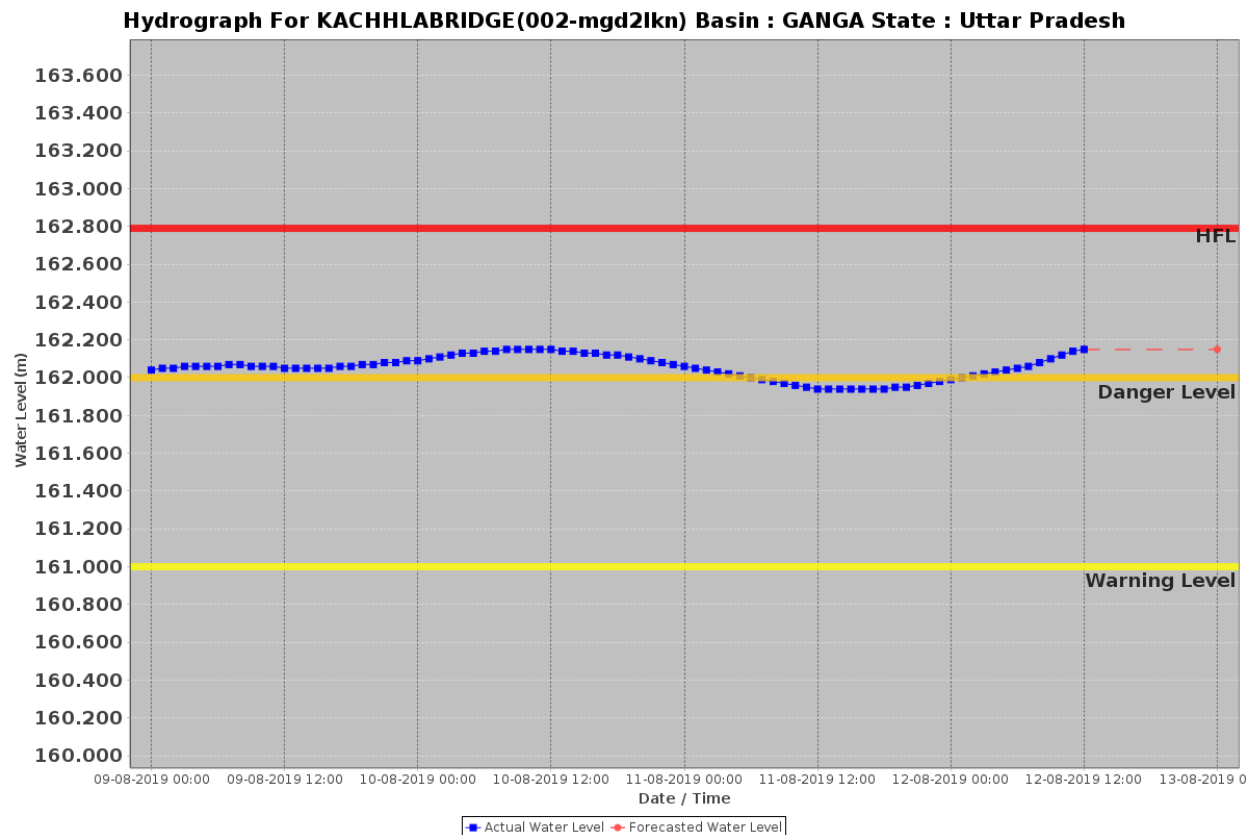
#### 2.2 Flood Situation as per actual/ forecasted rainfall situation

Uttar Pradesh, Uttarakhand and Madhya Pradesh:-

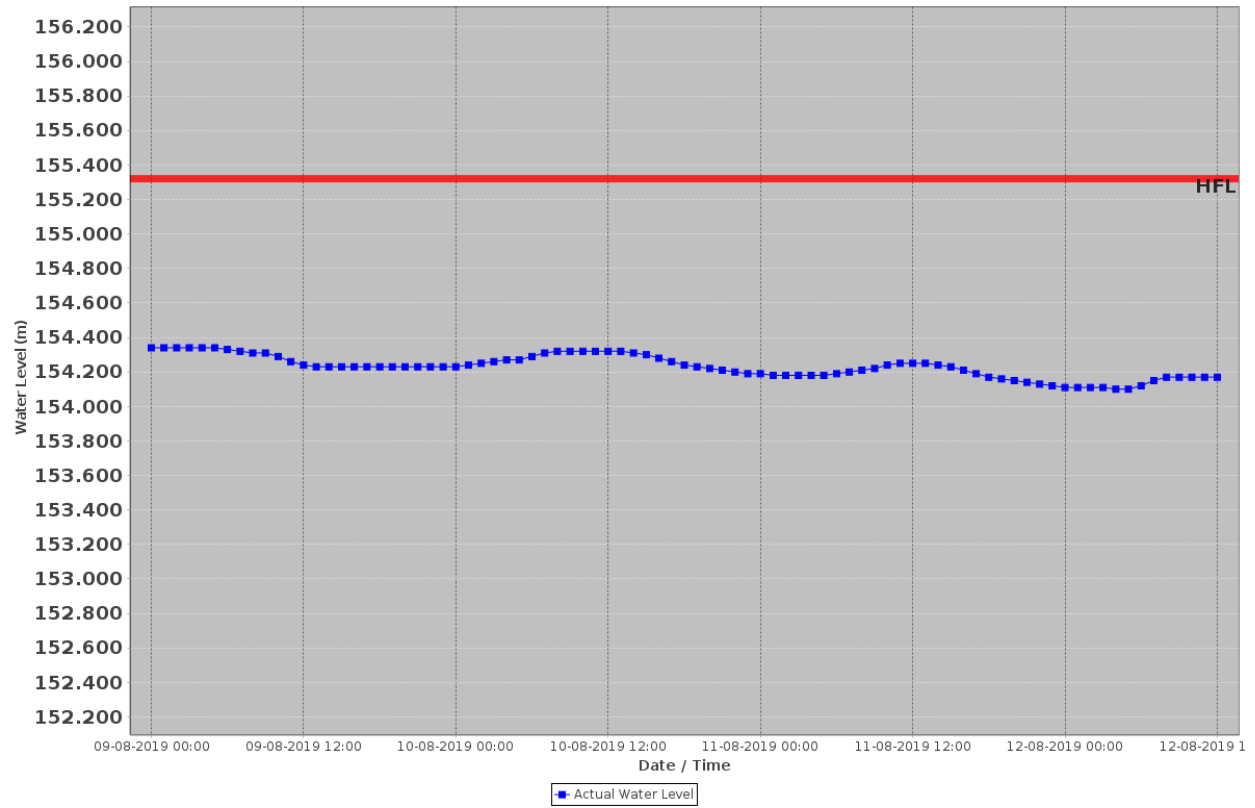
The water level of river Sharda will remain constant situation ( Severe Flood situation) at Paliakalan in district Lakhimpur kheeri ,Ghaghra river is flowing above normal situation at Elginbridge, Ayodhya, Turtipar in districts Barabanki, Faizabad , Ballia respectively. Ganga river is flowing above severe situation at Kachlabridge in district Badaun.

Affected Districts:-

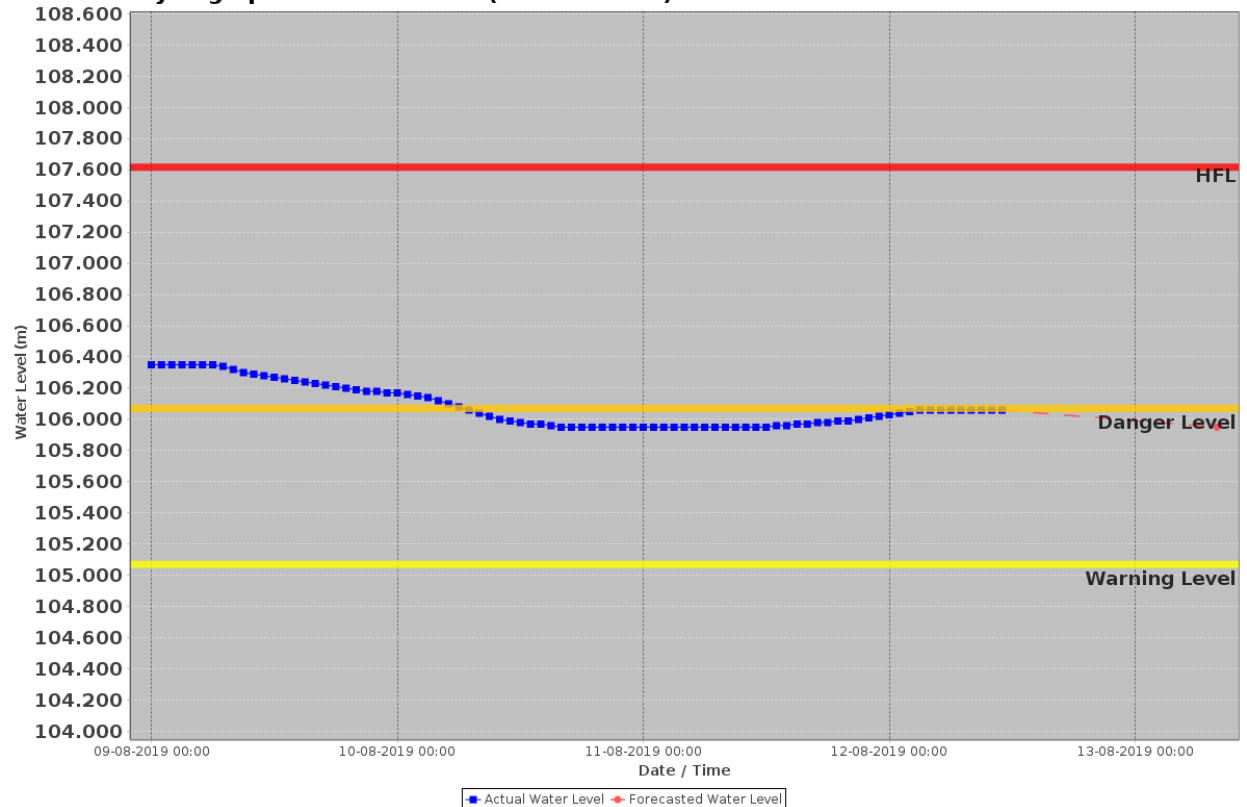
Lakhimpur kheeri , Barabanki, Badaun ,Ballia, Bulandshahar, Farrukhabad and Faizabad



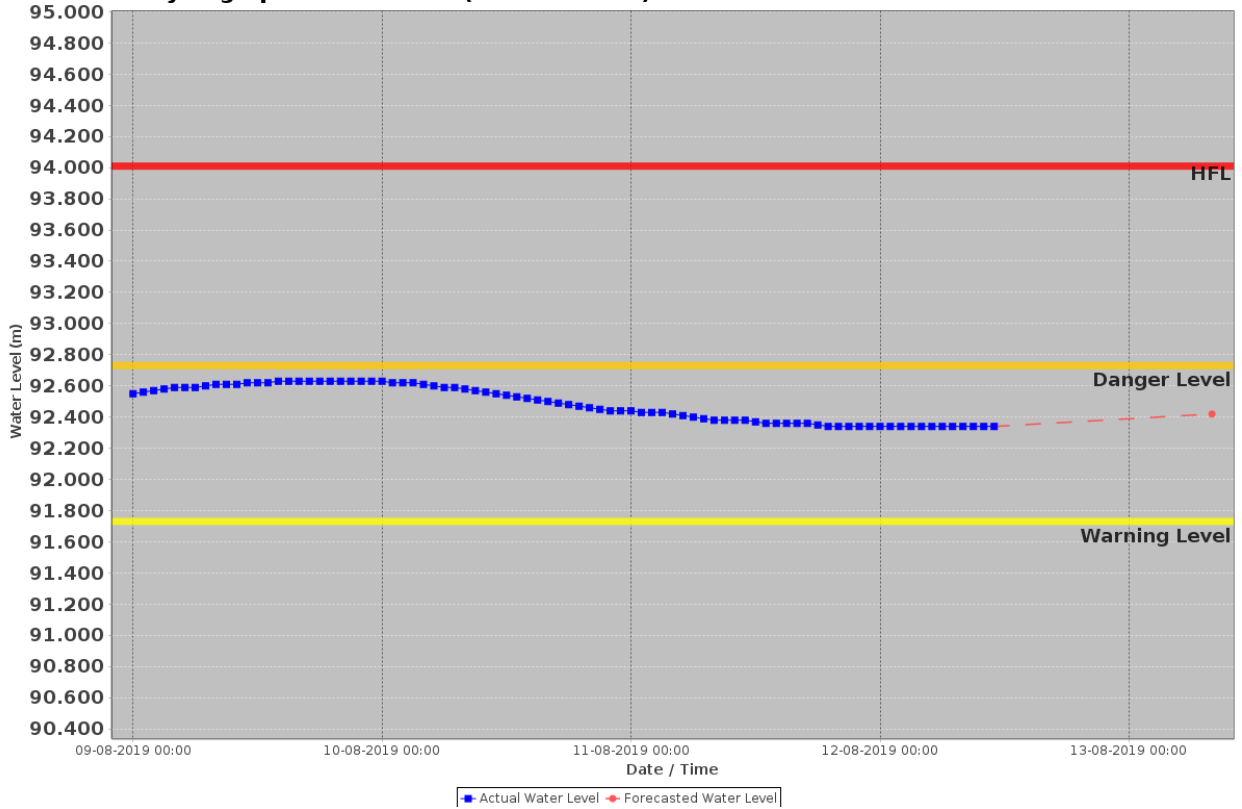
**Hydrograph For PALIAKALAN(006-MGD1LKN) Basin : GANGA State : Uttar Pradesh**



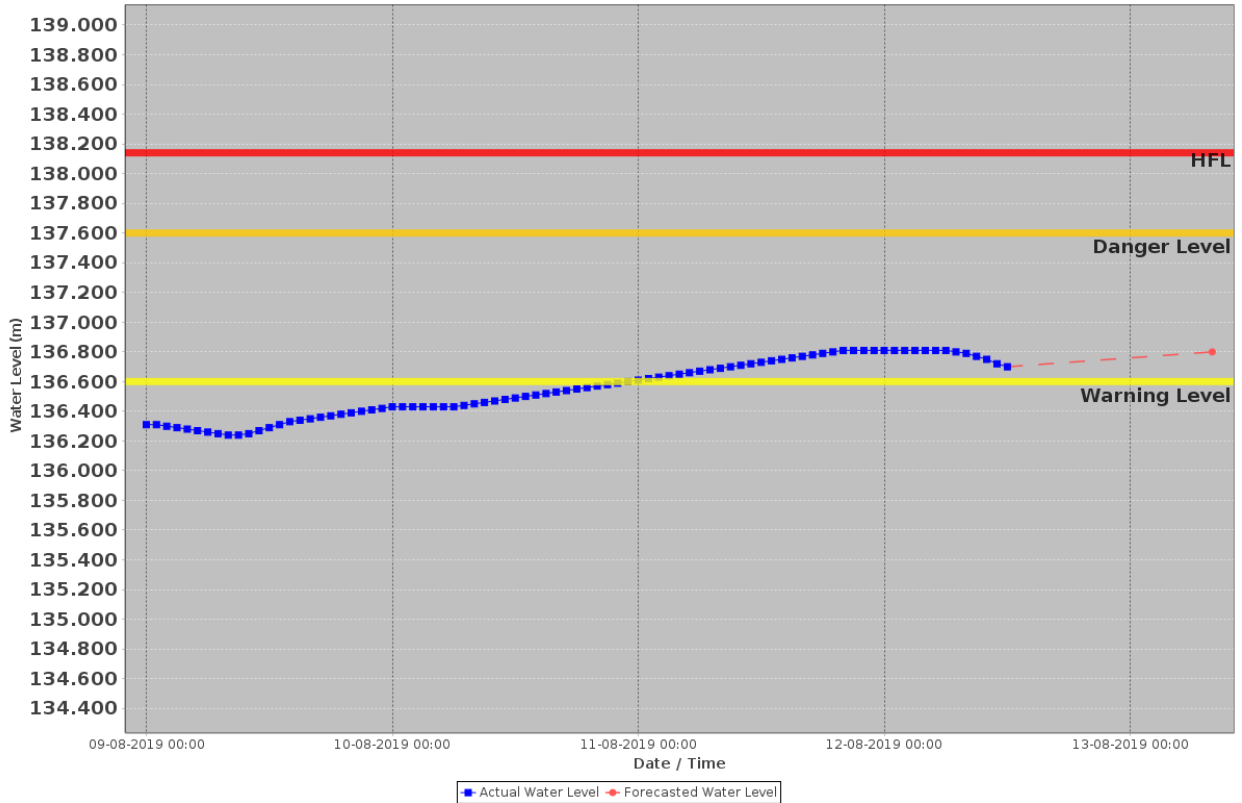
**Hydrograph For ELGINBRIDGE(010-MGD1LKn) Basin : GANGA State : Uttar Pradesh**



**Hydrograph For AYODHYA (011-MGD1LKN) Basin : GANGA State : Uttar Pradesh**



**Hydrograph For FATEHGARH(003-mgd2lkn) Basin : GANGA State : Uttar Pradesh**



Hydrograph For TURTIPAR(012-MGD1LKN) Basin : GANGA State : Uttar Pradesh

