



**Central Water Commission**  
**Upper Ganga Basin Organisation, Lucknow**  
**Daily Flood Situation Report Cum Advisories**  
**Date: 19 August, 2019**

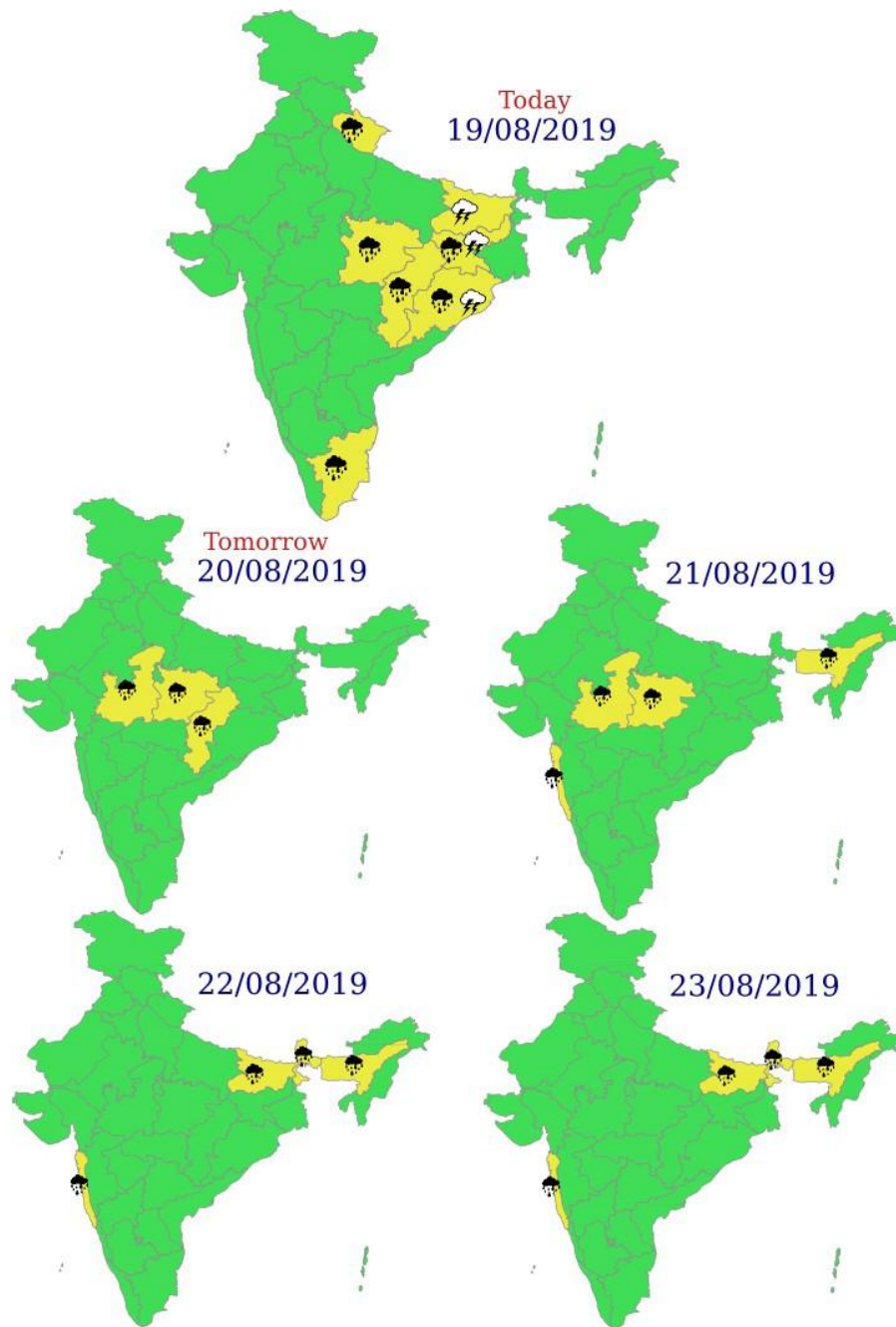
**1. Rainfall Situation**

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

| Name of Place (State)                  | Rainfall (in mm) |
|----------------------------------------|------------------|
| Deoprayag (Tehri Garhwal / Uttrakhand) | 69.6             |
| Marora (Paudi Garhwal / Uttrakhand)    | 119.3            |
| Karnprayag (Chamoli / Uttrakhand)      | 71.6             |
| Nandkeshari (Chamoli/ Uttrakhand)      | 68.8             |
| Ganganagar (Rudraprayag / Uttrakhand)  | 69.6             |
| Bhikiasen ( Almorah/Uttrakhand)        | 87.2             |
| Varanasi (Varanasi / Uttar Pradesh)    | 101.6            |
|                                        |                  |
|                                        |                  |
|                                        |                  |
|                                        |                  |
|                                        |                  |
|                                        |                  |
|                                        |                  |
|                                        |                  |

Based on amount of rainfall recorded, **Tehri Garhwal, Chamoli Rudraprayag ,Almorah , Varanasi and Paudi Garhwal** districts are affected.

## 1.1 Rainfall forecast for next 5days issued on 19.08.2019 (Midday) by IMD



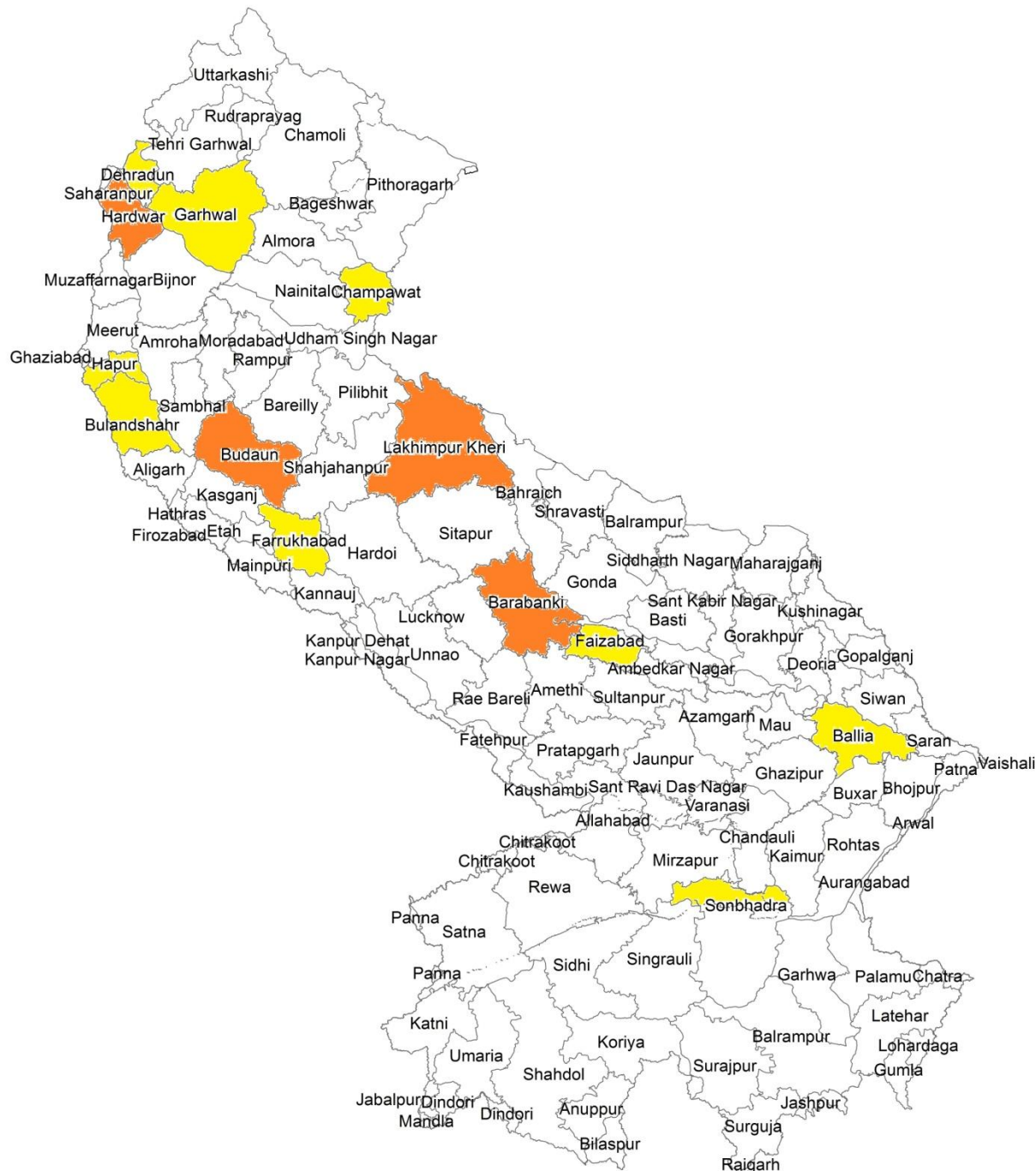
### WARNING

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

## 1.2 Quantitative Precipitation Forecast (QPF) issued By IMD dated 19.08.2019

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

## 2.0 Flood Situation on 19<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) | 3                        |
| C.                                                                                                   | Above Normal Flood Situation:                                                                         |                          |
|                                                                                                      | (Site (s) where water level touching or exceeding the warning Level but below Danger Level)           | 7                        |
| Total Numbers of Sites above Warning Level (A+B+C)                                                   |                                                                                                       | 10                       |
|                                                                                                      |                                                                                                       |                          |
| Part -2 INFLOW FORECAST                                                                              |                                                                                                       |                          |
| Number of Sites for which inflow forecasts issued:                                                   |                                                                                                       | 3                        |
| (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 | 92.45        | 0800 | Falling | 92.35     | 20.08.19 | 0800 | Falling |
| Ghaghra       | Turtipar                | Ballia        | U.P.  | 64.01            | 63.01             | 66.00            | 28.08.1998 | 63.60        | 0800 | Rising  | 63.58     | 20.08.19 | 0800 | Falling |
| Ganga         | Rishikesh               | Dehradun      | U.K.  | 340.50           | 339.50            | 341.72           | 1995       | 340.22       | 0800 | Falling | 339.60    | 19.08.19 | 1100 | Falling |
| Ganga         | Fatehgarh               | Farukhabad    | U.P.  | 137.60           | 136.60            | 138.14           | 26.09.2010 | 136.99       | 0800 | Steady  | 136.92    | 20.08.19 | 0800 | Falling |
| Ganga         | Garhmukteshwar          | Hapur         | U.P.  | 199.33           | 198.33            | 199.90           | 23.09.2010 | 198.39       | 0800 | Steady  | 198.45    | 20.08.19 | 0800 | Rising  |
| Ganga         | Ballia                  | Ballia        | U.P.  | 57.615           | 57.614            | 60.39            | 2016       | 57.02        | 0800 | Rising  | 58.25     | 20.08.19 | 0800 | Rising  |
| Alaknanda     | Srinagar                | Paudi Garhwal | U.K.  | 536.00           | 535.00            | 537.90           | 2013       | 534.20       | 0800 | Steady  | 534.00    | 19.08.19 | 1100 | Falling |

### 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 | 162.37       | 0800 | Steady  | 162.22    | 19.08.19 | 2400 | Falling |
| Ghaghra       | Elginbridge             | Barabanki | U.P.  | 106.07          | 105.07            | 107.62           | 16.08.2014 | 106.14       | 0800 | Falling | 106.00    | 20.08.19 | 0800 | Falling |
| Ganga         | Haridwar                | Haridwar  | U.P.  | 294.00          | 293.00            | 296.30           | 2010       | 294.20       | 0800 | Falling | 293.80    | 19.08.19 | 1100 | Falling |

### 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 19.08.2019

#### 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.  | -               | -                 | -                | -    | 177.81       | 0800 | Steady  | 3398.4         | 19.08.19 | 2400 | Rising  |
| Rihand        | Rihand Dam              | Sonbhadra    | U.P.  |                 |                   |                  |      | 256.31       | 0800 | Steady  | 2100.0         | 20.08.19 | 0800 | Rising  |
| Sharda        | Banabasa Barrage        | Champawat    | U.K.  | -               | -                 | -                | -    | 222.30       | 0800 | Falling | 2830.0         | 20.08.19 | 0800 | Falling |

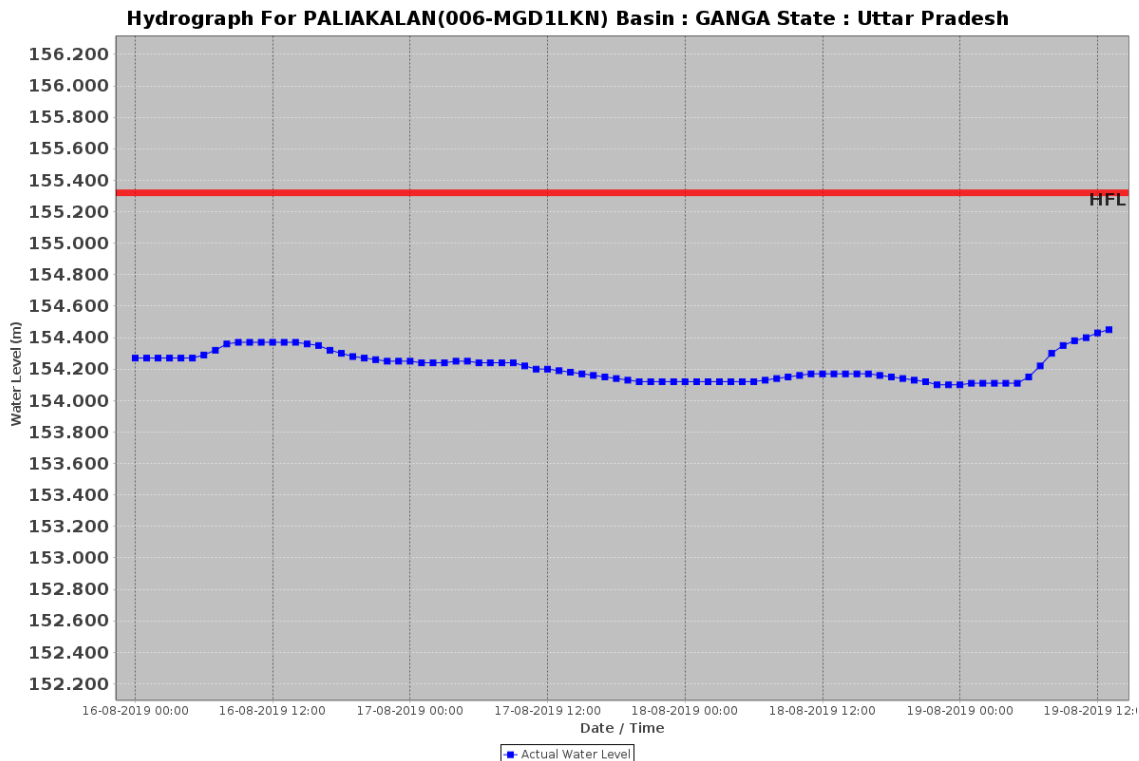
#### 2.2 Flood Situation as per actual/ forecasted rainfall situation

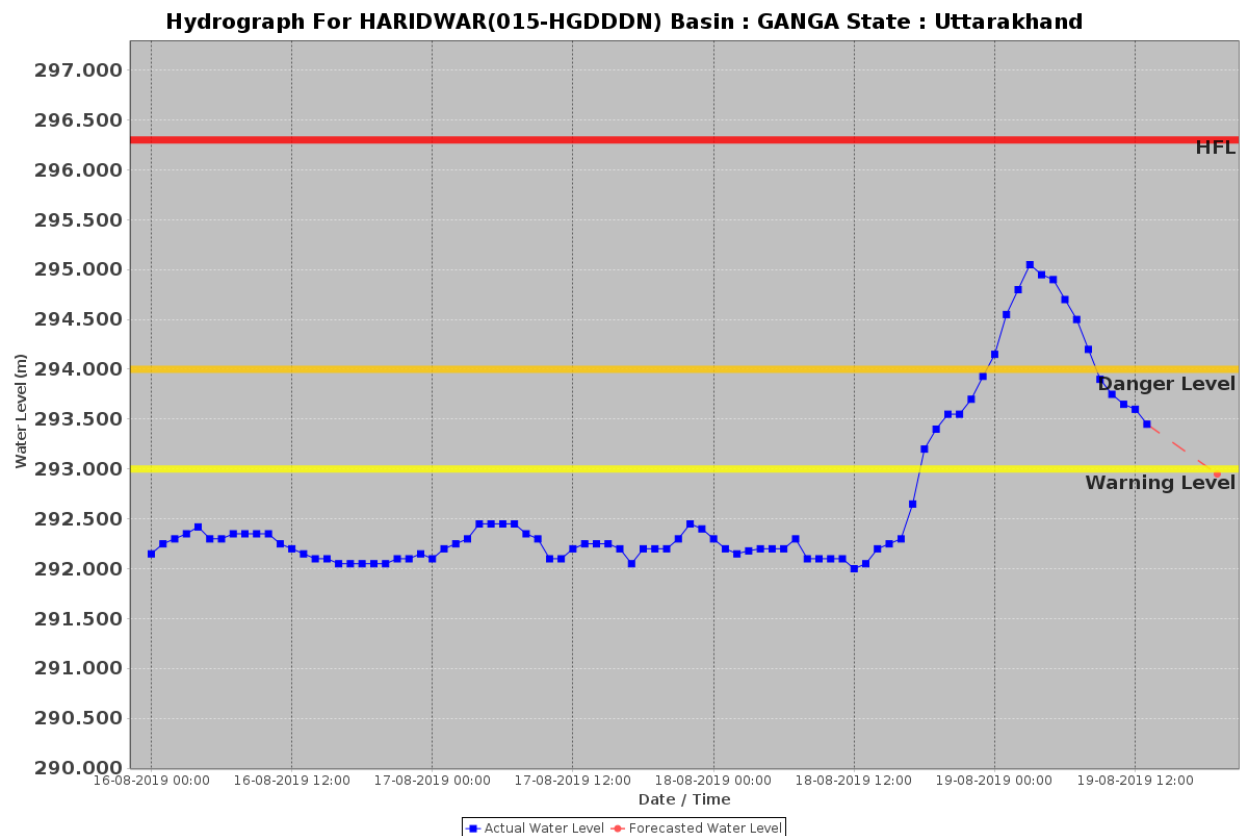
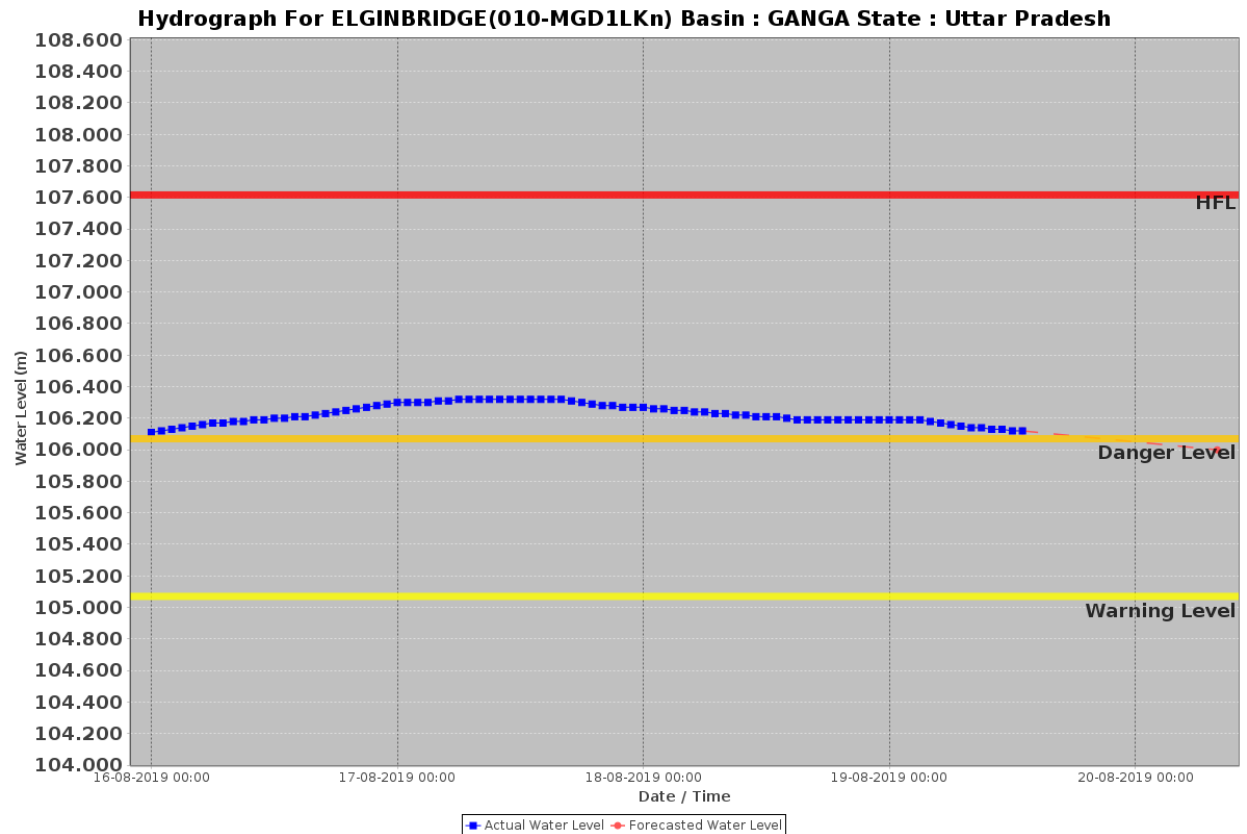
Uttar Pradesh, Uttarakhand and Madhya Pradesh:-

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 Ayodhya, Turtipar in districts Faizabad , Ballia respectively. Ganga river is flowing above severe situation at Kachlabridge in district Badaun. Ghaghra river is flowing above severe situation at Elginbridge in district Barabanki. Ganga river is flowing above severe situation at Haridwar in district Haridwar (uttarakhand).

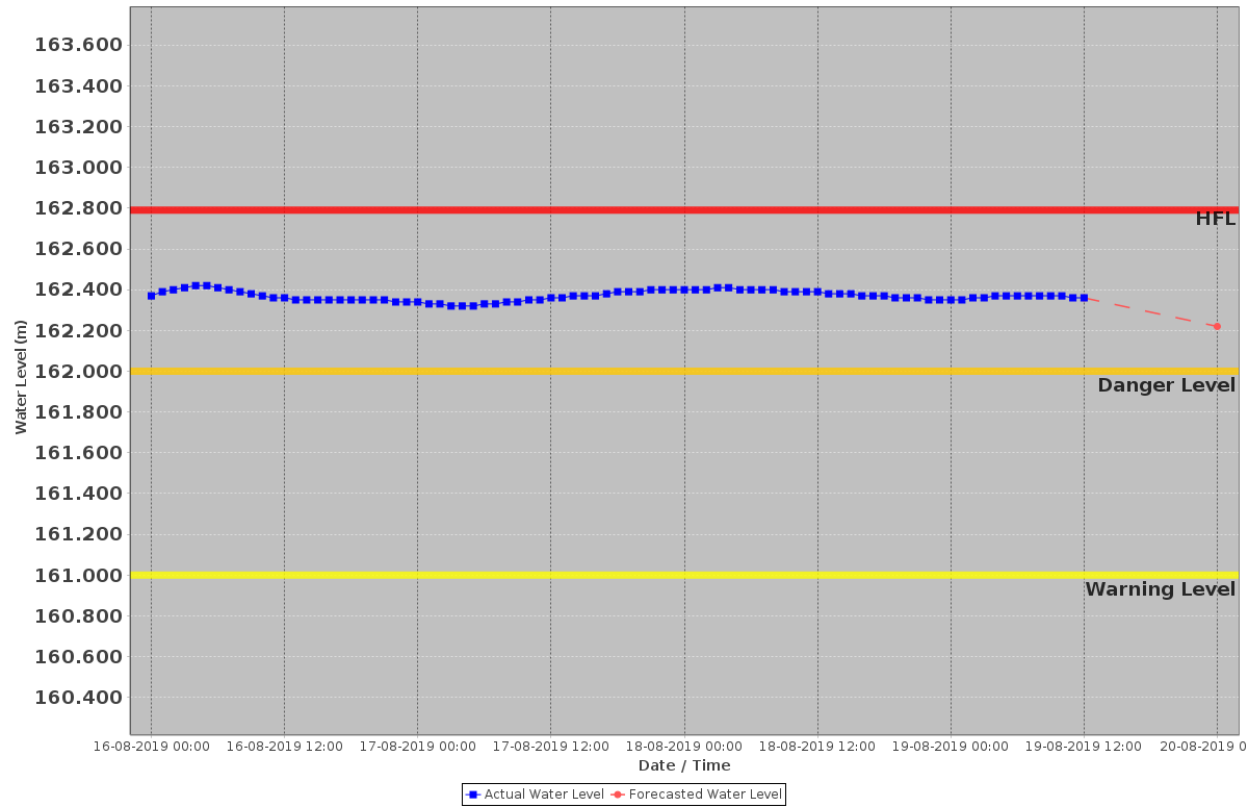
**Affected Districts:-**

Lakhimpur kheeri , Barabanki, Badaun ,Ballia, Bulandsahar, Farrukhabad, Hapur, Paudi Garhwal ,Dehradun ,Haridwar , Sonbhadra ,Champawat and Faizabad

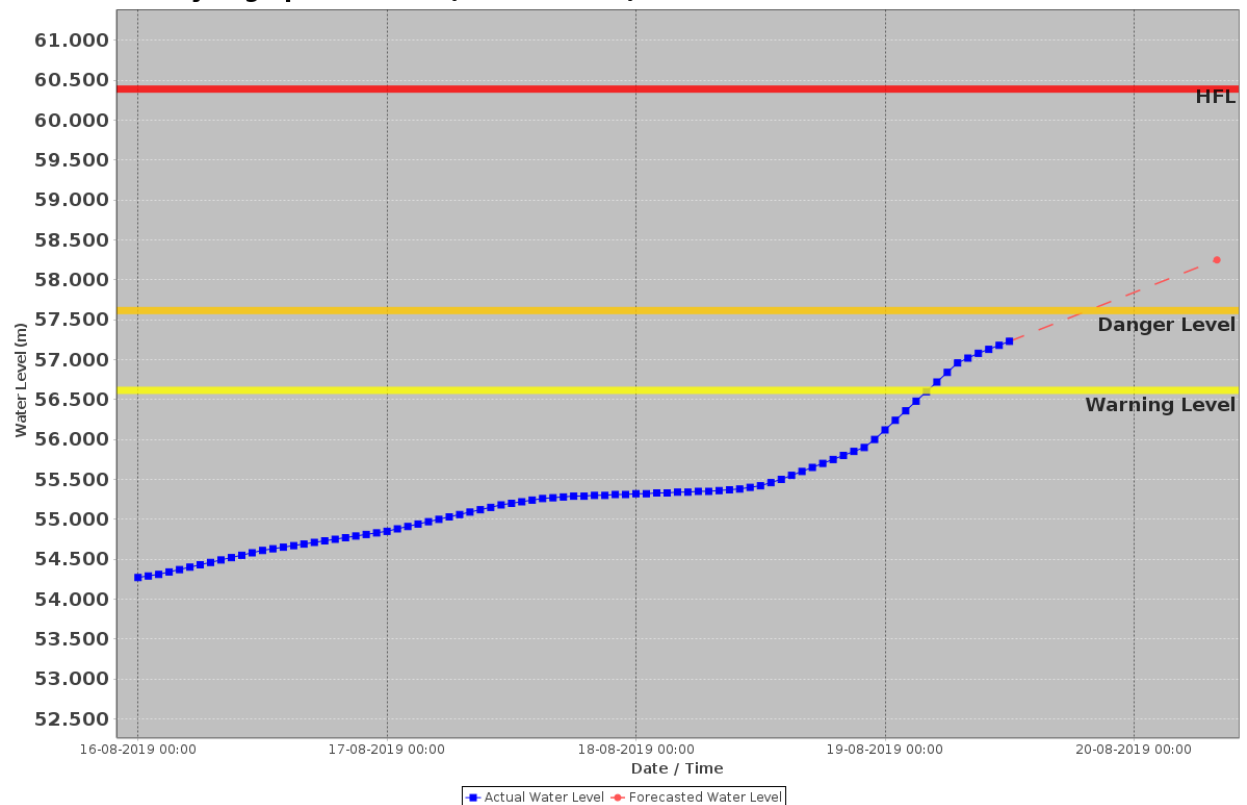


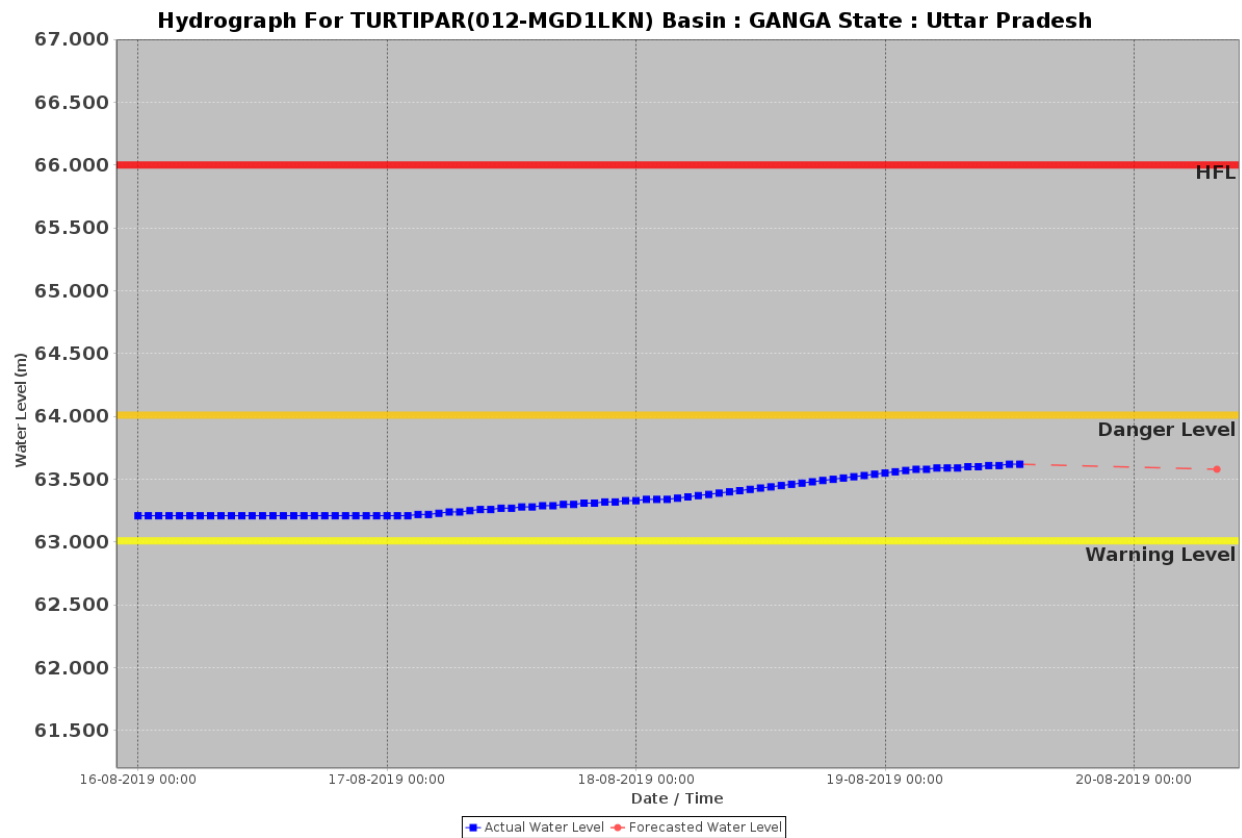
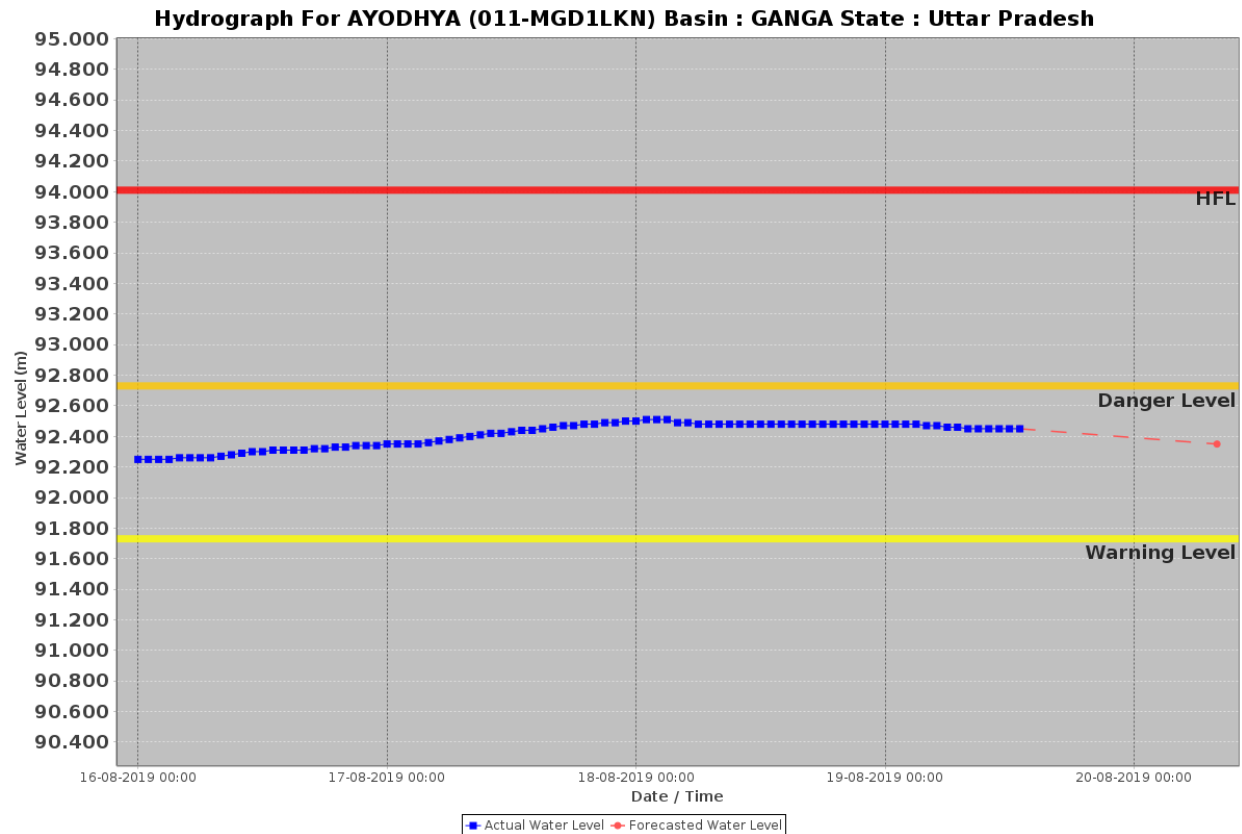


**Hydrograph For KACHHLABRIDGE(002-mgd2lkn) Basin : GANGA State : Uttar Pradesh**

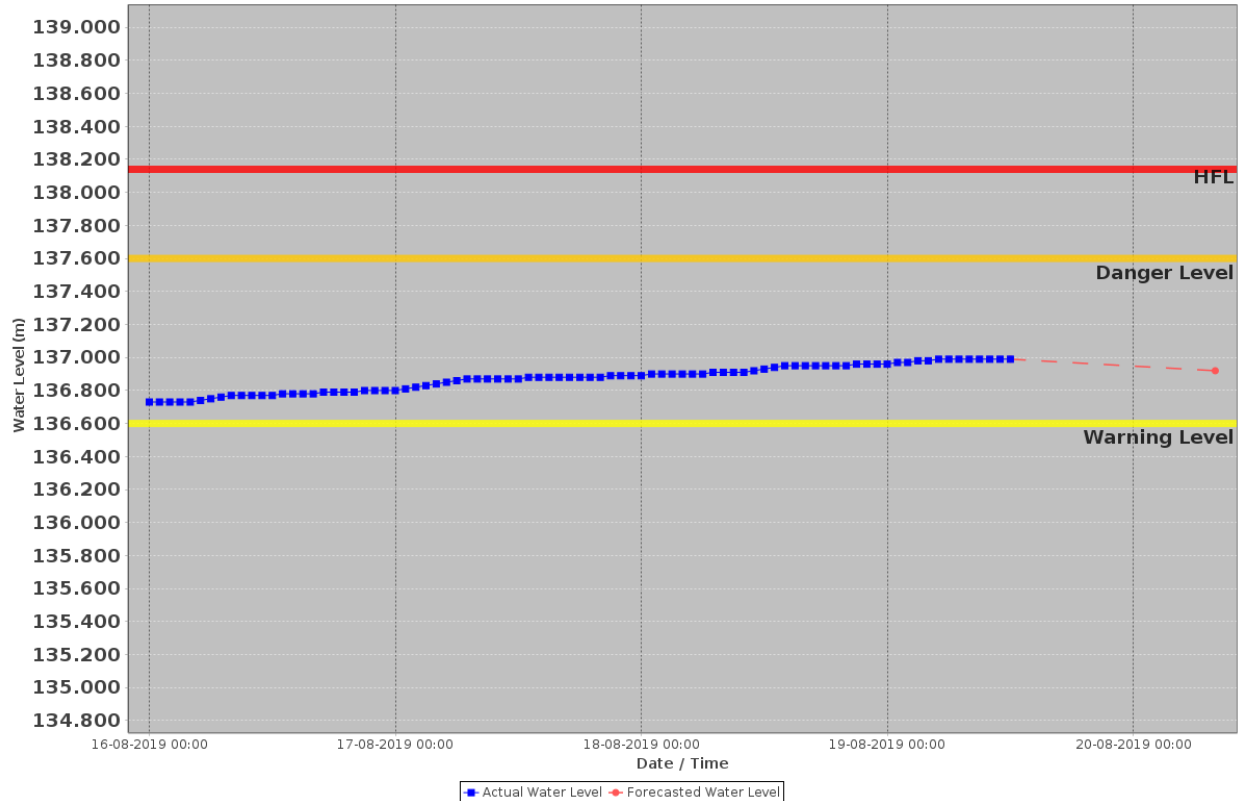


**Hydrograph For BALLIA(008-MGD3VNS) Basin : GANGA State : Uttar Pradesh**

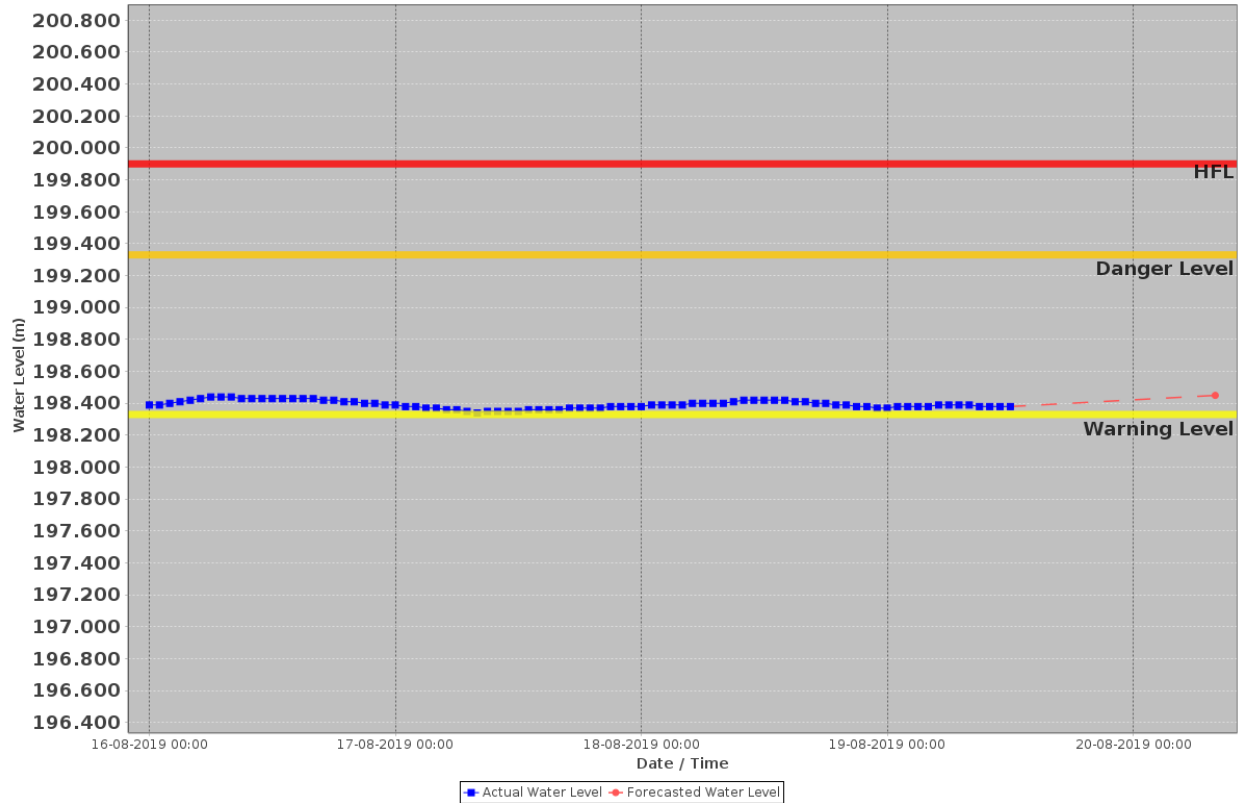




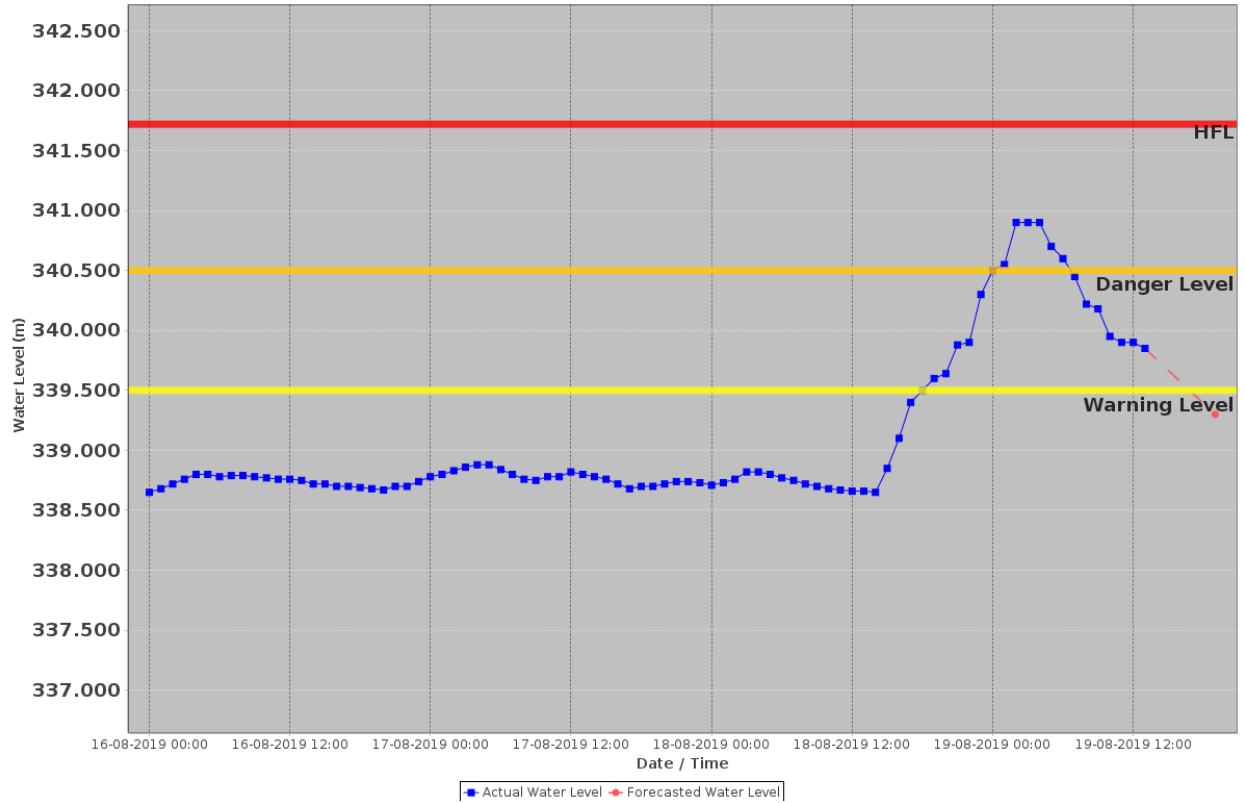
**Hydrograph For FATEHGARH(003-mgd2lkn) Basin : GANGA State : Uttar Pradesh**



**Hydrograph For GARH Mukteshwar(017-MGD2LKN) Basin : GANGA State : Uttar Pradesh**



**Hydrograph For RISHIKESH(014-HGDDDN) Basin : GANGA State : Uttarakhand**



**Hydrograph For SRINAGAR(007-HGDDDN) Basin : GANGA State : Uttarakhand**

