



Central Water Commission
Upper Ganga Basin Organisation, Lucknow
Daily Flood Situation Report Cum Advisories
Date: 21 August, 2019

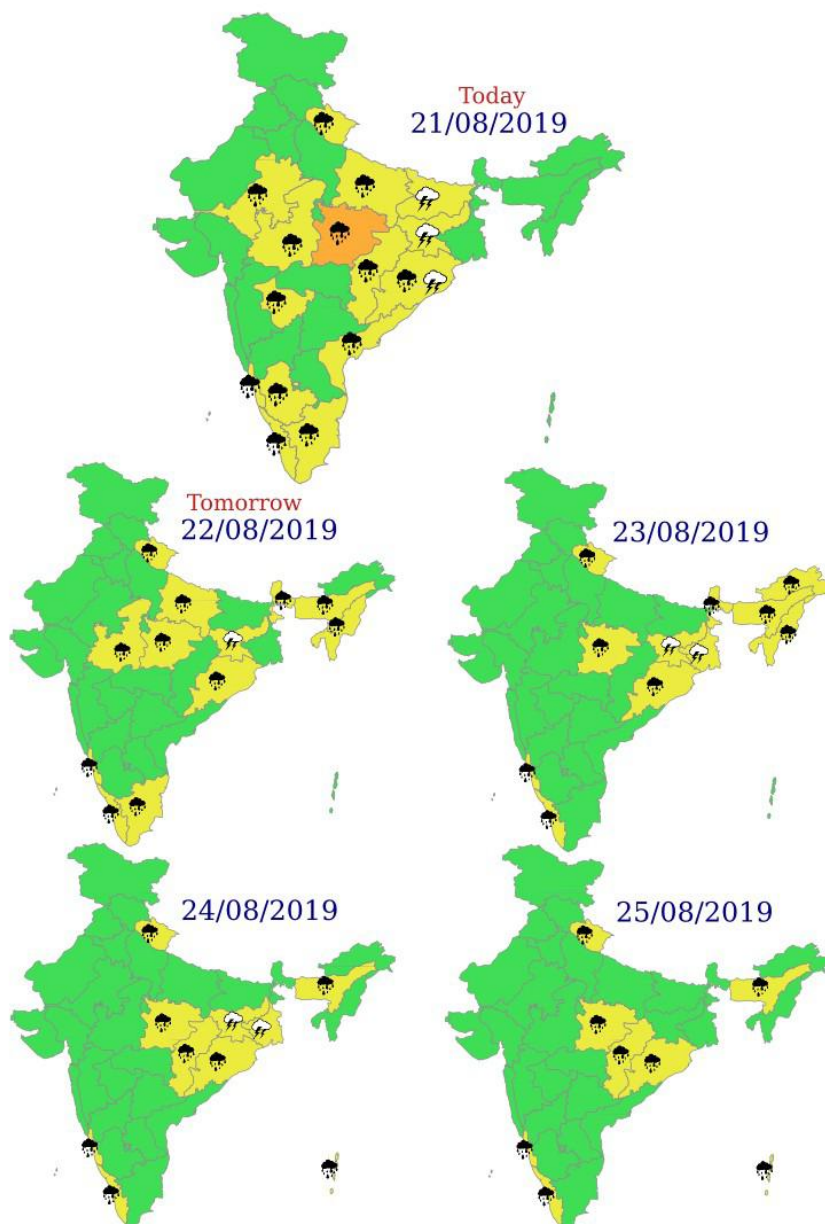
1. Rainfall Situation

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

Name of Place (State)	Rainfall (in mm)
Mirzapur(Mirzapur/Uttar Pradesh)	88.4
Goverdheghat(Shehdol/Madhya Pradesh)	83.6
Bansagar(Shehdol/ Madhya Pradesh)	70.0
Jhoku(Sidhi/ Madhya Pradesh)	114.2
Koilari(Shedol /Madhya Pradesh)	71.0
Bhatpurwaghat(Sitapur/ Uttar Pradesh)	80.6
Dalmau(Raebareilly / Uttar Pradesh)	76.2
Lucknow (Lucknow / Uttar Pradesh)	89.8
Raebareli (Raebareli / Uttar Pradesh)	113.6

Based on amount of rainfall recorded, **Mirzapur, Shehdol , Sidhi , Sitapur, Lucknow and Raebareli** districts are affected.

1.1 Rainfall forecast for next 5days issued on 21.08.2019 (Midday) by IMD



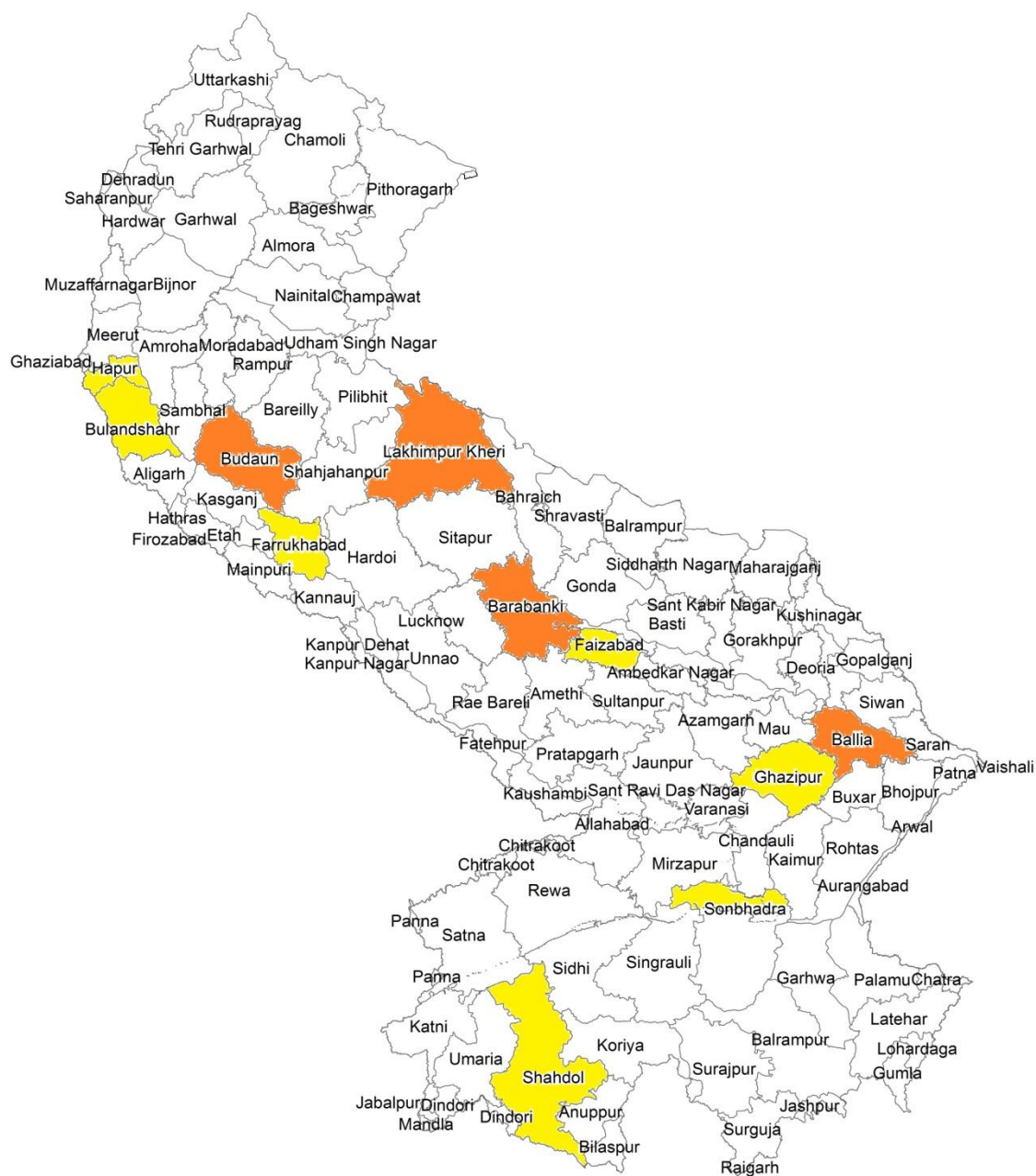
WARNING

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

1.2 Quantitative Precipitation Forecast (QPF) issued By IMD dated 21.08.2019

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	0.1-10	11-25	0.1-10
2	भागीरथी	भागीरथी	0.1-10	0.1-10	0.1-10
3	गंगा	गंगा (छतनाग से मिर्जापुर)	26-50	11-25	0.1-10
4		गंगा(नरोरा से फाफामऊ)	11-25	0.1-10	0.1-10
5		गंगा (फाफामऊ से बलिया)	26-50	0.1-10	0.1-10
		गोमती	26-50	11-25	0.1-10
7		सई	26-50	11-25	0.1-10
8		ऊपरी गंगा	0.1-10	0.1-10	0.1-10
9	घाघरा	निचली घाघरा	11-25	0.1-10	11-25
10		मध्य घाघरा	11-25	11-25	0.1-10
11		ऊपरी घाघरा	11-25	0.1-10	0.1-10
12	रामगंगा	रामगंगा	0.1-10	0.1-10	0.1-10
13	राप्ती	राप्ती	11-25	0.1-10	11-25
14	शारदा	शारदा	11-25	0.1-10	11-25

2.0 Flood Situation on 21th 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)	5
Total Numbers of Sites above Warning Level (A+B+C)		8
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 reservoir/ 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	92.36	0800	Steady	92.40	22.08.19	0800	Rising
Ghaghra	Turtipar	Ballia	U.P.	64.01	63.01	66.00	28.08.1998	63.63	0800	Steady	63.70	22.08.19	0800	Rising
Ganga	Fatehgarh	Farukhabad	U.P.	137.60	136.60	138.14	26.09.2010	137.04	0800	Steady	137.15	22.08.19	0800	Rising
Ganga	Garhmukteshwar	Hapur	U.P.	199.33	198.33	199.90	23.09.2010	198.67	0800	Rising	198.45	22.08.19	0800	Falling
Ganga	Ghazipur	Ghazipur	U.P.	63.11	62.11	65.22	1978	62.94	0800	Rising	63.06	22.08.19	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	162.49	0800	Falling	162.70	21.08.19	2400	Rising
Ganga	Ballia	Ballia	U.P.	57.615	57.614	60.39	2016	58.52	0800	Rising	58.85	22.08.19	0800	Rising
Ghaghra	Elginbridge	Barabanki	U.P.	106.07	105.07	107.62	16.08.2014	106.09	0800	Rising	106.12	22.08.19	0800	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 21.08.2019

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.	-	-	-	-	178.59	0800	Steady	5097.6	21.08.19	2400	Falling
Rihand	Rihand Dam	Sonbhadra	U.P.	-	-	-	-	257.50	0800	Rising	1466.0	22.08.19	0800	Rising
Sone	Bansagar	Shehdol	M.P.	-	-	-	-	337.70	0800	Rising	935.0	22.08.19	0800	Rising

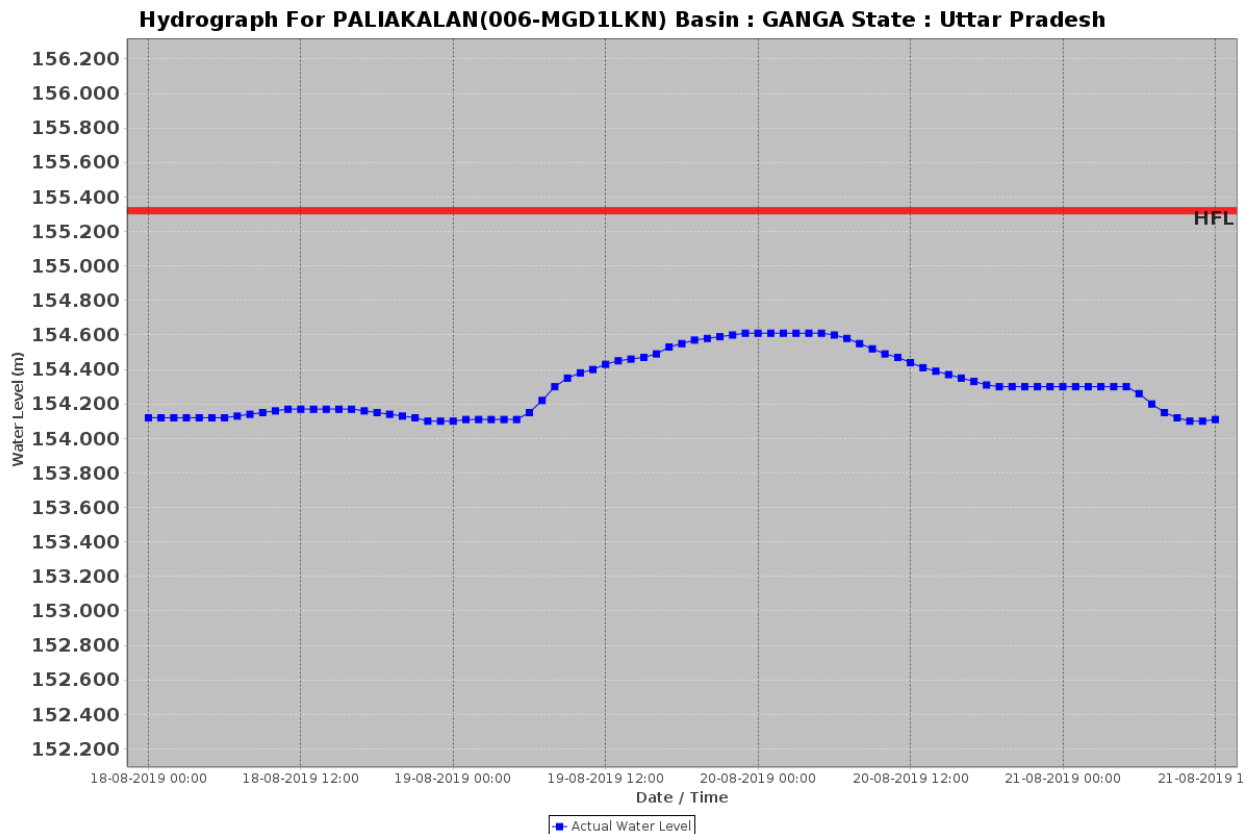
2.2 Flood Situation as per actual/ forecasted rainfall situation

Uttar Pradesh, Uttarakhand and Madhya Pradesh:-

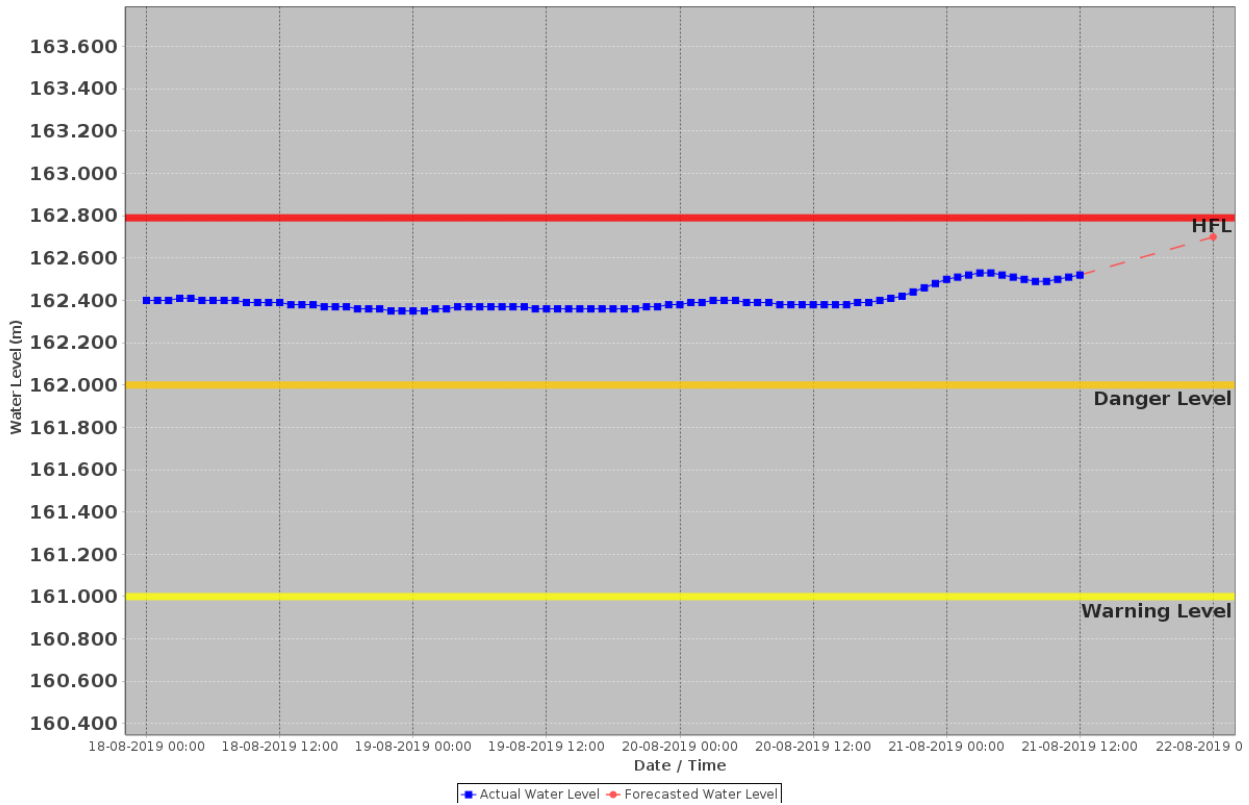
The water level of river Sharda will remain constant situation (Severe Flood situation) at Paliakalan in district Lakhimpur kheeri ,Ghaghra river is flowing above normal situation at Ayodhya, Turtipar in districts Faizabad , Ballia respectively. Ganga river is flowing above severe situation at Kachlabridge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

Affected Districts:-

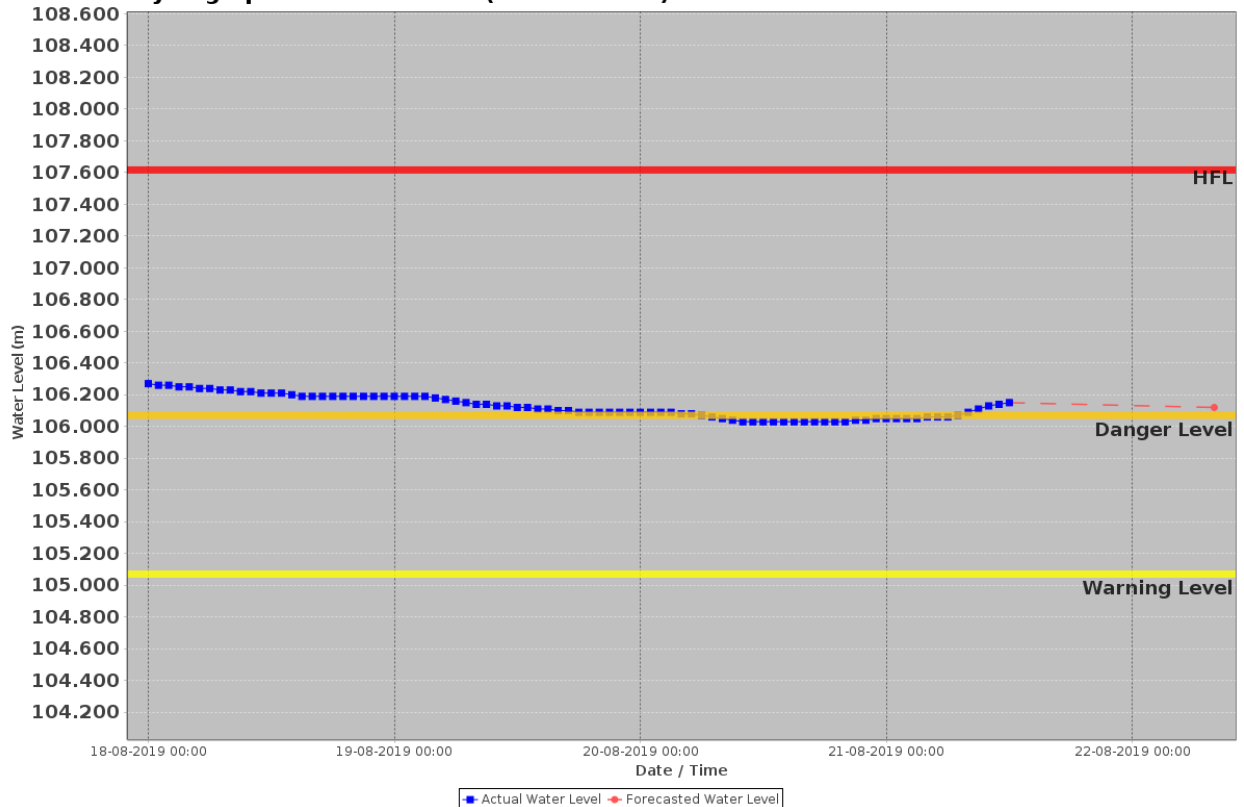
Lakhimpur kheeri ,Barabanki, Badaun ,Ballia, Bulandsahar, Farrukhabad, Hapur, Ghazipur, Sonbhadra ,Shehdol and Faizabad

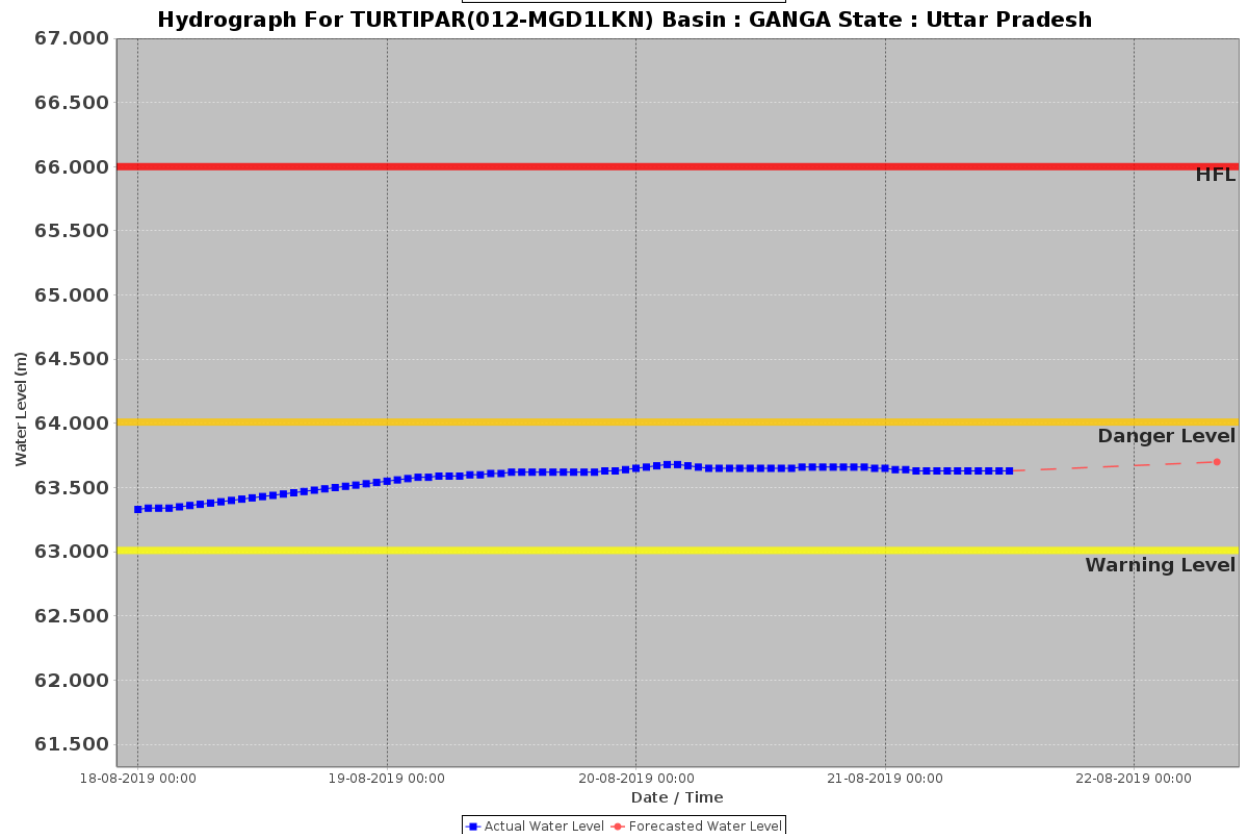
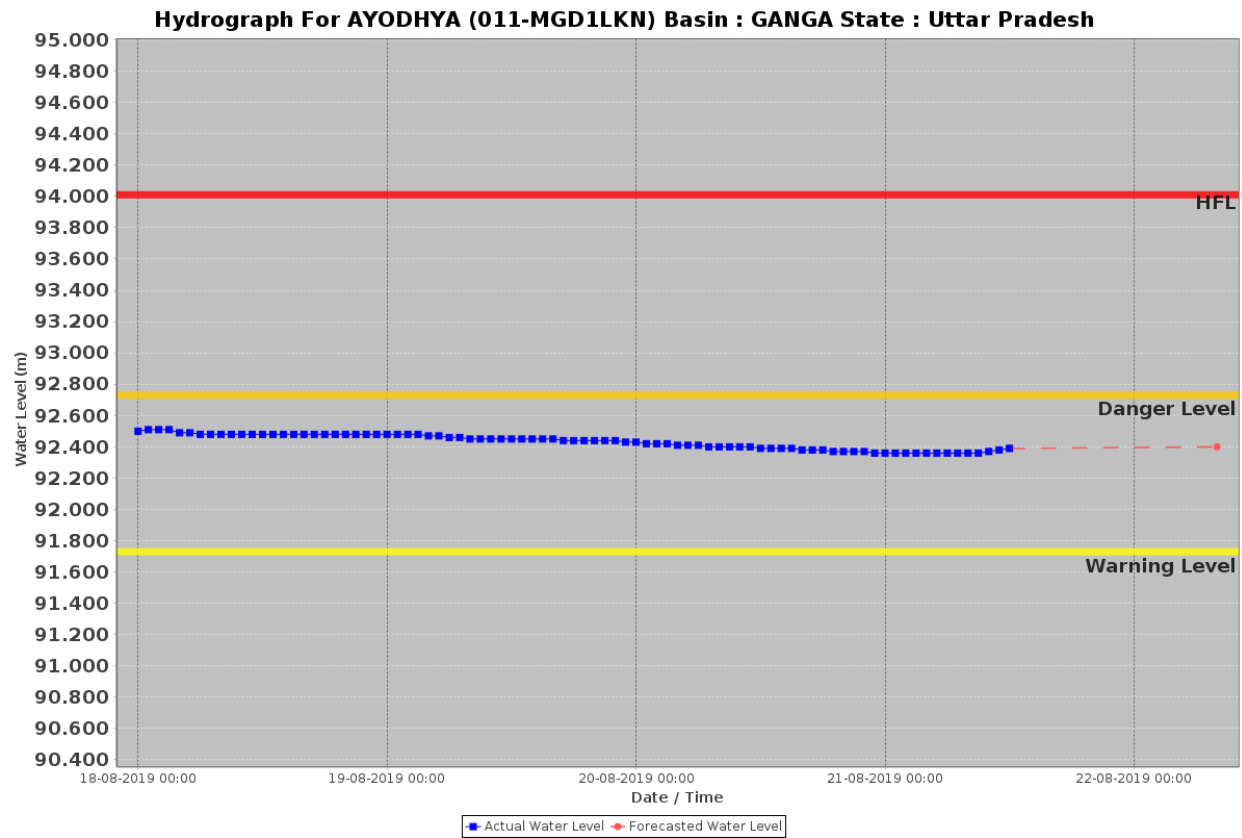


Hydrograph For KACHHLABRIDGE(002-mgd2lkn) Basin : GANGA State : Uttar Pradesh

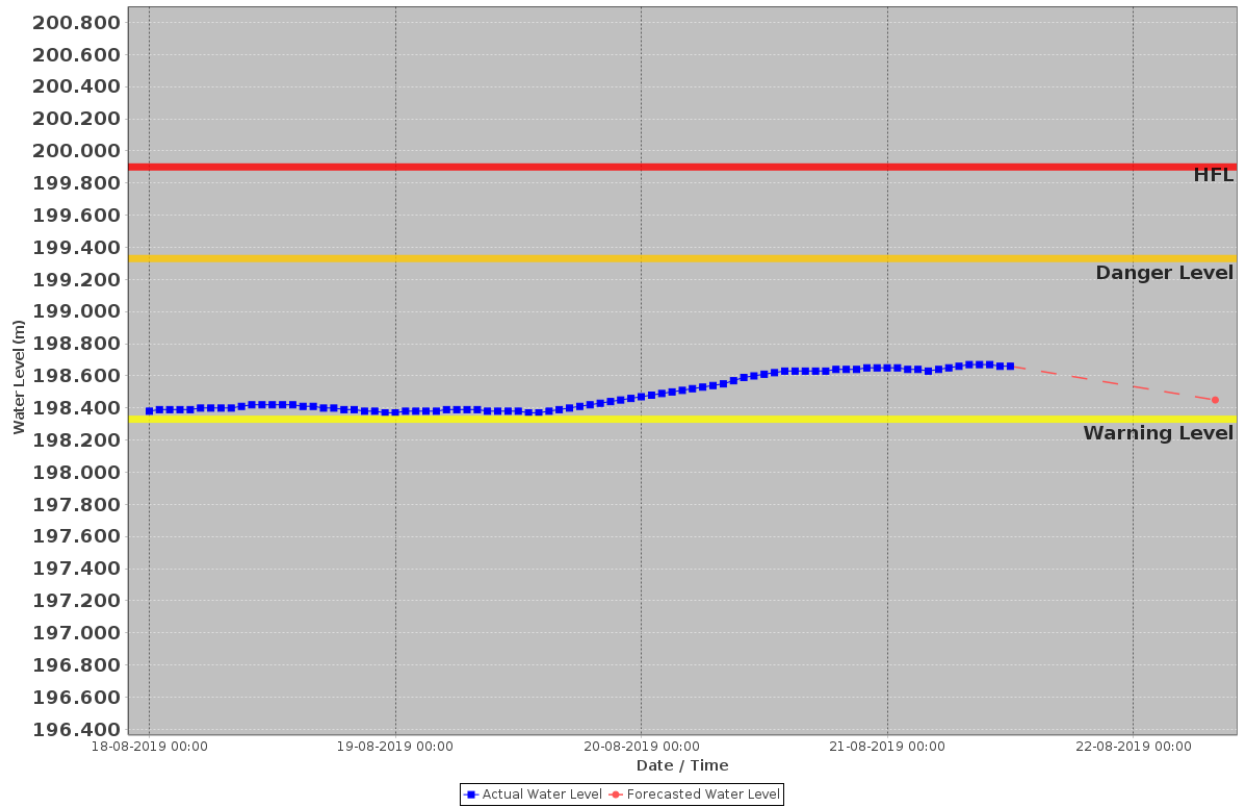


Hydrograph For ELGINBRIDGE(010-MGD1LK) Basin : GANGA State : Uttar Pradesh

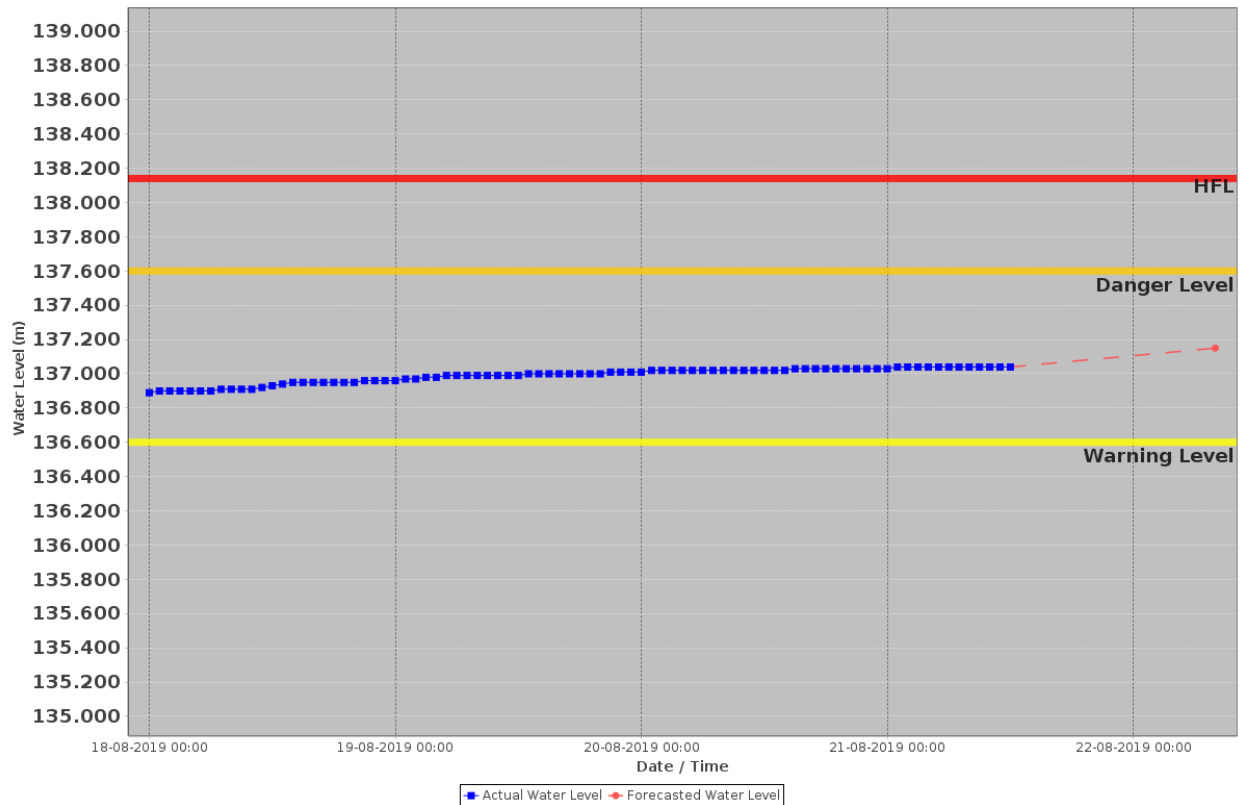




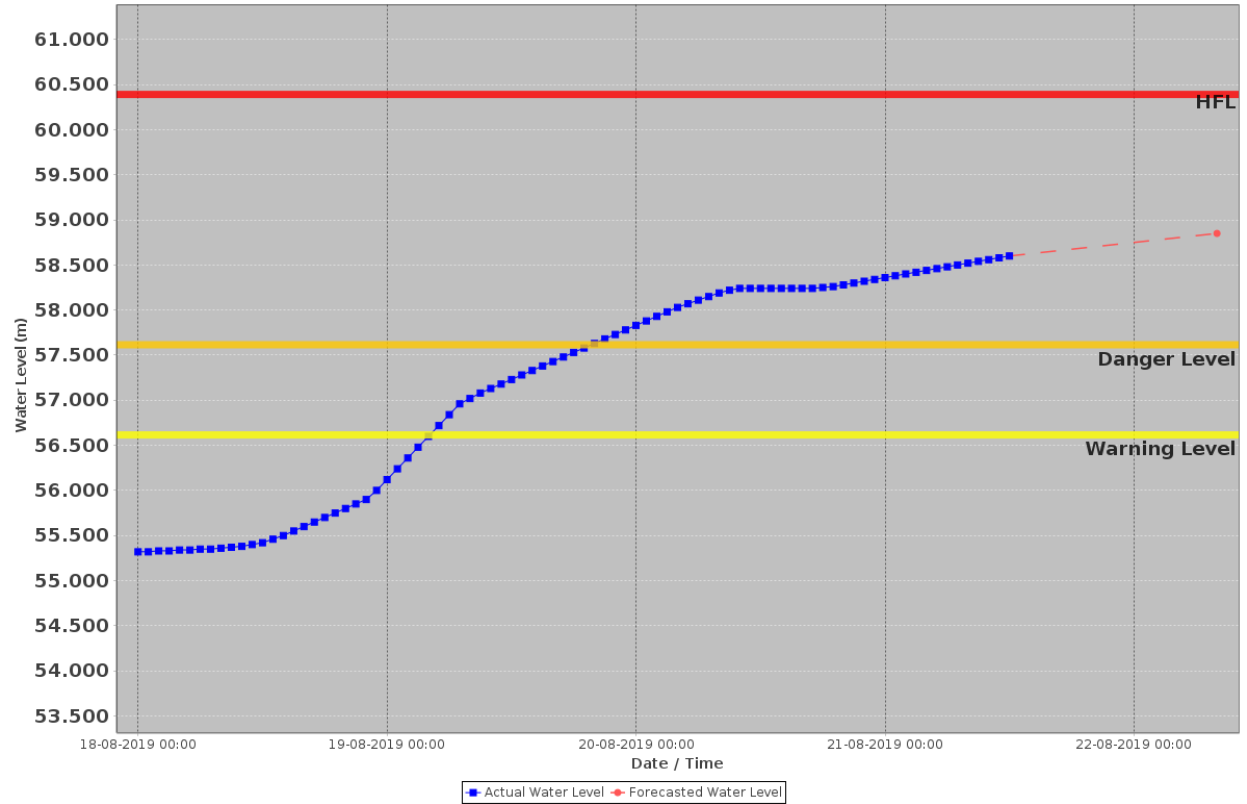
Hydrograph For GARHMUKTESHWAR(017-MGD2LKN) Basin : GANGA State : Uttar Pradesh



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



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



Hydrograph For GHAZIPUR(007-MGD3VNS) Basin : GANGA State : Uttar Pradesh

