

FLOOD CONTROL ROOM

FLOOD CONTROL DEPARTMENT
GOVERNMENT OF NCT OF DELHI
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DAILY REPORT OF WEATHER AND FLOOD SITUATION.

Date: 22.07.2020

(I)

WEATHER REPORT (As provided by I.M.D)

1. WEATHER FORECAST FOR RIVER YAMUNA

Upper Catchment : One or Two Places
Heavy rain fall warning : Nil
Out look : **Increase**
Lower Catchment : At Most Places

Heavy rainfall warning : One or Two Places
Out look : **Increase**

2. WEATHER FORECAST FOR RIVER SAHIBI

Heavy rain fall warning : One or Two Places
Out look : **Increase**

3. LOCAL FORECAST

: Generally cloudy sky. Moderate rain/thundershowers accompanied with gusty winds (speed 30-40 kmph). Heavy rain at isolated places. The maximum and minimum temperatures would be around 31 and 24 Degree Celsius respectively.

4. RAINFALL DURING LAST 24 HOURS (in mm)

Delhi

(a) Palam	:	35.3	(b) Safdarjung	30.2
(c) Dhansa	:	20.2	(d) Delhi Rly. Bridge	1.3

(II) Total Rainfall in Delhi (SFD) during last 24 Hours (up to 8.30 a.m.) **30.2 mm**

(III) Total Rainfall in Delhi (SFD) from 1st June to till date **239.1 mm**

(iv) Average Normal Rainfall (SFD) in Delhi, 1st June to till date **204.6 mm**

(V) Average Total Normal Rainfall in Delhi. **618.7 mm**

(VI) RAINFALL IN YAMUNA CATCHMENT (in mm)

Shimla	:	3.0	Ambala	:	10.9
Solan	:	3.0	Paonta	:	10.4
Chandigarh	:	3.4	Hathni kund Barrage	:	18.8
Jateon Barrage	:	11.3	Dadupur	:	47.0
Nahan	:	8.6	Dehradun	:	9.8
Haripur	:	11.2	Patiala	:	14.8
	:		Saharanpur	:	88.0
Karnal	:	45.0	Mathura	:	37.5

(VII) RAINFALL IN SAHIBI CATCHMENT(in mm)

Dadri Toye	:	20.0	Rewari	:	14.0
Massani Barrage	:	20.0	Jaipur	:	0.1

(VIII) INFERENCE:

SYNOPTIC SITUATION (MORNING INFERENCE):

The monsoon trough at mean sea level now passes through Bikaner, Palwal, Badaun, Bahraich, Muzaffarpur and thence eastwards to Manipur across sub-Himalayan west Bengal and Assam. • The trough in mid-tropospheric westerlies with its axis between 3.1 km and 7.6 km above mean sea level now runs roughly along longitude 72°E to the north of latitude 28°N. • The cyclonic circulation over southwest Uttar Pradesh and neighbourhood at 0.9 km above mean sea level has become less marked.

(IX) GAUGE AND DISCHARGE DATA OF SOME IMPORTANT SITES AT 8.00 AM. 0N 22.07.2020

S. No.		Location	Gauge in Meters U/S D/S		Discharge in cusecs	Remark
I	<u>RIVER YAMUNA</u>					
	1.	Tajewala/Hathni Kund (6.00 A.M.)			352	
	2.	Somb River (6 A.M.)			N.A.	
	3.	Palla	207.800			
	4.	Jhangola	206.400			
	5.	Jagatpur Bund	205.900			
	6.	L.F. Bund RD. 5222	Dry			
		L.F. Bund RD.0	Dry			
	7.	Wazirabad Barrage	205.590	202.630	400	
	8.	Old Rly Bridge	203.03			
	9.	Yamuna Barrage	N.A	N.A	N.A	
	10.	Okhla Barrage (6.00 a.m.)	201.350	194.800	778	
	11.	Shahadara Out fall drain (Atta Bridge)	Below			
	12.	Jaitpur(Ali Drain)	Below			
II	<u>RIVER SAHIBI</u>					
	1.	Masani	Dry			R/F- 20.00mm
	2.	Dadri Bridge N0. 1 Dadri Bridge No. 2	210.410	N.A.		R/F- 20.00mm
III	<u>NAJAFGARH DRAIN</u>					
	1.	i) Dhansa Regulator	209.850	209.650	35	R/F- 20.4 mm
		ii) Dhansa Regulator	209.750	209.700	7	
		iii) Dhansa Regulator	209.575		144 Total 186	
	2.	Chhawla Bridge	209.550			
	3.	Kakraula Regulator	209.150	209.150		11 Gate open
	4.	Basaidarapur Bridge	208.800			
	5.	Bharat Nagar Bridge	207.350	207.325	1254	
	6.	Timarpur Bridge	204.250	204.225	1334	
IV	<u>TRUNK DRAIN N0.1</u>					
		R.D.6550 M.	N.A			
		RD. 8950 M.	N.A			
		RD.10330M	N.A			
V	<u>CHILLA REGULATOR</u>		198.000	197.950		
VI	<u>GHAZIPUR DRAIN.</u>					
	1	RD.6157M.	199.40			

X **Flood Situation in River Yamuna**

- (i) **Discharge at Hathni Kund Barrage (3Kms. Upstream of Tajewala)**

(a) Peak discharge during last 24 hrs. **352 Cusecs.**

(b) Discharge at 08.00 hrs. today **352 Cusecs.**
- (ii) **WATER LEVEL AT OLD RAILWAY BRIDGE:**

(a) Max. Gauge during last 24 hr. 203.03

(b) Gauge at 08.00 hrs. today 203.03

Warning level	:	204.50 mts.
Danger Level	:	205.33 mts.
Highest Flood Level	:	207.49 mts.
observed in 1978		

IX CASE OF WATER LOGGING DUE TO LOCAL RAIN:
Report of I&FC Control Room.

- (a) Back flow report in I&FC Drains.
- (b) Nos. of pumps deployed by I&FC Deptt.

XII **FLOOD FORECAST NO.**