

# FLOOD CONTROL ROOM

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

**Date: 21.07.2020**

(I)

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

#### 1. WEATHER FORECAST FOR RIVER YAMUNA

Upper Catchment : At Most 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. Light to moderate rain/thundershowers accompanied with gusty winds (speed 30-40 kmph). The maximum and minimum temperatures would be around 34 and 24 Degree Celsius respectively.

#### 4. RAINFALL DURING LAST 24 HOURS (in mm)

**Delhi**

(a) Palam : 6.6 (b) Safdarjung 2.3

(c) Dhansa : 17.8 (d) Delhi Rly. Bridge 8.4

(II) Total Rainfall in Delhi (SFD) during last 24 Hours (up to 8.30 a.m.) **2.3 mm**

(III) Total Rainfall in Delhi (SFD) from 1<sup>st</sup> June to till date **208.9 mm**

(iv) Average Normal Rainfall (SFD) in Delhi, 1<sup>st</sup> June to till date **194.5 mm**

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

#### (VI) RAINFALL IN YAMUNA CATCHMENT (in mm)

Shimla	: 8.5	Ambala	: 5.7
Solan	: 4.8	Paonta	: 17.8
Chandigarh	: 2.0	Hathni kund Barrage	: 27.8
Jateon Barrage	: 10.2	Dadupur	: 15.0
Nahan	: 37.8	Dehradun	: 62.7
Haripur	: 26.6	Patiala	: 9.6
	:	Saharanpur	: 2.0
Karnal	: 9.8	Mathura	: 0.0

#### (VII) RAINFALL IN SAHIBI CATCHMENT(in mm)

Dadri Toye	: 13.0	Rewari	: 2.0
Massani Barrage	: 0.0	Jaipur	: 0.0

#### (VIII) **INFERENCE:**

#### **SYNOPTIC SITUATION (MORNING INFERENCE):**

The monsoon trough at mean sea level now passes through Ganganagar, Delhi, Haldoi, Gorakhpur and eastern end lies close to the foothills of the Himalayas. The trough in mid – tropospheric westerlies now seen with its axis between 3.1 km and 7.6 Km above mean sea level roughly along longitude 70°E to the north of latitude 25°N. A cyclonic circulation lies over southwest Uttar Pradesh and neighbourhood at 0.9 km above mean sea level. The cyclonic circulation over southwest Rajasthan and neighbourhood at 3.6 km above mean sea level has become less marked.

(IX) GAUGE AND DISCHARGE DATA OF SOME IMPORTANT SITES AT 8.00 AM. 0N 21.07.2020

S. No.		Location	Gauge in Meters		Discharge in	Remark
			U/S	D/S	cusecs	
I	<b><u>RIVER YAMUNA</u></b>					
	1.	Tajewala/Hathni Kund (6.00 A.M.)			352	
	2.	Somb River (6 A.M.)			N.A.	
	3.	Palla	207.700			
	4.	Jhangola	206.350			
	5.	Jagatpur Bund	205.900			
	6.	L.F. Bund RD. 5222	Dry			
		L.F. Bund RD.0	Dry			
	7.	Wazirabad Barrage	205.590	202.570	200	
	8.	Old Rly Bridge	202.640			
	9.	Yamuna Barrage	N.A	N.A	N.A	
	10.	Okhla Barrage (6.00 a.m.)	201.350	194.700	354	
	11.	Shahadara Out fall drain (Atta Bridge)	Below			
	12.	Jaitpur(Ali Drain)	Below			
II	<b><u>RIVER SAHIBI</u></b>					
	1.	Masani	Dry			R/F- Nil
	2.	Dadri Bridge N0. 1 Dadri Bridge No. 2	209.800	N.A.		R/F- 13.00mm
III	<b><u>NAJAFGARH DRAIN</u></b>					
	1.	i) Dhansa Regulator	Dry	Dry	Nil	R/F- 17.8 mm
		ii) Dhansa Regulator	Dry	Dry	Nil	
		iii) Dhansa Regulator	209.300		20	
	2.	Chhawla Bridge	209.350			
	3.	Kakraula Regulator	209.250	209.250		11 Gate open
	4.	Basaidarapur Bridge	208.600			
	5.	Bharat Nagar Bridge	207.125	207.100	1027	
IV	<b><u>TRUNK DRAIN N0.1</u></b>					
		R.D.6550 M.	N.A			
		RD. 8950 M.	N.A			
		RD.10330M	N.A			
V	<b><u>CHILLA REGULATOR</u></b>		198.000	197.950		
VI	<b><u>GHAZIPUR DRAIN.</u></b>					
	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. N.A

(b) Gauge at 08.00 hrs. today 202.640

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.**