

FLOOD CONTROL ROOM

FLOOD CONTROL DEPARTMENT
GOVERNMENT OF NCT OF DELHI
L.M. BUND OFFICE COMPLEX, SHASTRI NAGAR, DELHI-110031.
TEL. NO. 22428773 & 22428774
Email : ceifcd@gmail.com, ifczoneii@gmail.com, ifccdxiv@gmail.com

DAILY REPORT OF WEATHER AND FLOOD SITUATION.

Date: 19.07.2020

(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 : Heavy Rainfall
Out look : **Decrease**
Lower Catchment : One or Two Places

Heavy rainfall warning : Nil
Out look : **Decrease**

2. WEATHER FORECAST FOR RIVER SAHIBI

Heavy rain fall warning : Nil
Out look : **Decrease**

3. LOCAL FORECAST

: Generally cloudy sky. Light to moderate rain/thundershowers towards night. The maximum and minimum temperatures would be around 33 and 23 Degree Celsius respectively.

4. RAINFALL DURING LAST 24 HOURS (in mm)

Delhi

(a) Palam	:	74.8	(b) Safdarjung	74.8
(c) Dhansa	:	11.8	(d) Delhi Rly. Bridge	87.2

(II) Total Rainfall in Delhi (SFD) during last 24 Hours (up to 8.30 a.m.) **74.8 mm**

(III) Total Rainfall in Delhi (SFD) from 1st June to till date **204.4 mm**

(iv) Average Normal Rainfall (SFD) in Delhi, 1st June to till date **179.6 mm**

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

(VI) RAINFALL IN YAMUNA CATCHMENT (in mm)

Shimla	:	16.8	Ambala	:	0.8
Solan	:	10.0	Paonta	:	2.4
Chandigarh	:	1.2	Hathni kund Barrage	:	0.0
Jateon Barrage	:	0.0	Dadupur	:	0.0
Nahan	:	0.0	Dehradun	:	3.5
Haripur	:	72.0	Patiala	:	0.5
	:		Saharanpur	:	1.0
Karnal	:	60.0	Mathura	:	0.0

(VII) RAINFALL IN SAHIBI CATCHMENT(in mm)

Dadri Teye	:	27.0	Rewari	:	1.0
Massani Barrage	:	27.8	Jaipur	:	0.0

(VIII) **INFERENCE:**

SYNOPTIC SITUATION (MORNING INFERENCE):

The monsoon trough at mean sea level now passes through Ganganagar, Rohtak, Fursatganj, Patna and thence towards foothills of Himalayas and extends upto 0.9 km above mean sea level. The trough in mid-tropospheric westerlies with its axis at 7.6 Km above mean sea level roughly along• longitude 64°E to the north of latitude 30°N persists. The trough from the cyclonic circulation over coastal area of Saurashtra and Kutch and neighbourhood• to North Rajasthan has become less marked. A cyclonic circulation lies over southwest Rajasthan and neighbourhood between 3.1 km and 3.6 km• above mean sea level. A cyclonic circulation lies over central Pakistan and neighbourhood and extends upto 1.5 km above mean• sea level.

(IX) GAUGE AND DISCHARGE DATA OF SOME IMPORTANT SITES AT 8.00 AM. 0N 19.07.2020

S. No.		Location	Gauge in Meters		Discharge in	Remark
			U/S	D/S	cusecs	
I	<u>RIVER YAMUNA</u>					
	1.	Tajewala/Hathni Kund (6.00 A.M.)			352	
	2.	Somb River (6 A.M.)			N.A.	
	3.	Palla	207.700			
	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	202.690			
	9.	Yamuna Barrage	202.230	201.660	1984	
	10.	Okhla Barrage (6.00 a.m.)	201.350	194.700	1544	
	11.	Shahadara Out fall drain (Atta Bridge)	Below			
	12.	Jaitpur(Ali Drain)	197.500			Rainwater
II	<u>RIVER SAHIBI</u>					
	1.	Masani	Dry			R/F- 11.8mm
	2.	Dadri Bridge N0. 1 Dadri Bridge No. 2	209.410	N.A.		R/F- 27.00mm
III	<u>NAJAFGARH DRAIN</u>					
	1.	i) Dhansa Regulator	Dry	Dry	Nil	R/F- 24.8 mm
		ii) Dhansa Regulator	Dry	Dry	Nil	
		iii) Dhansa Regulator	Dry		Nil	
	2.	Chhawla Bridge	209.050			
	3.	Kakraula Regulator	208.950	208.950		11 Gate open
	4.	Basaidarapur Bridge	208.825			
	5.	Bharat Nagar Bridge	207.750	207.725	1975	
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>		198.100	198.050		
VI	<u>GHAZIPUR DRAIN.</u>					
	1	RD.6157M.	199.45			

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

202.690

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

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.**