

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: 18.07.2020

(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 : One or Two Places

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

2. WEATHER FORECAST FOR RIVER SAHIBI

Heavy rain fall warning : Nil
Out look : **No Large Change**

3. LOCAL FORECAST

: Generally cloudy sky with light rain/thundershowers. The maximum and minimum temperatures would be around 36 and 29 Degree Celsius respectively.

4. RAINFALL DURING LAST 24 HOURS (in mm)

Delhi

(a) Palam	:	0.0	(b) Safdarjung	:	3.9
(c) Dhansa	:	4.2	(d) Delhi Rly. Bridge	:	0.0

(II) Total Rainfall in Delhi (SFD) during last 24 Hours (up to 8.30 a.m.) **3.9 mm**

(III) Total Rainfall in Delhi (SFD) from 1st June to till date **129.6 mm**

(iv) Average Normal Rainfall (SFD) in Delhi, 1st June to till date **174.9 mm**

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

(VI) RAINFALL IN YAMUNA CATCHMENT (in mm)

Shimla	:	0.4	Ambala	:	0.0
Solan	:	15.6	Paonta	:	5.8
Chandigarh	:	0.0	Hathni kund Barrage	:	11.4
Jateon Barrage	:	0.0	Dadupur	:	0.0
Nahan	:	6.8	Dehradun	:	0.0
Haripur	:	0.0	Patiala	:	9.8
	:		Saharanpur	:	0.0
Karnal	:	2.4	Mathura	:	0.0

(VII) RAINFALL IN SAHIBI CATCHMENT(in mm)

Dadri Toye	:	35.0	Rewari	:	1.0
Massani Barrage	:	27.0	Jaipur	:	0.0

(VIII) INFERENCE:

SYNOPTIC SITUATION (MORNING INFERENCE):

The monsoon trough at mean sea level now passes through Jaisalmer, Ajmer, Morena, Fatehpur, Churk, Hazaribagh, Shanti Niketan and hence eastwards to Tripura. The cyclonic circulation over south Rajasthan and neighbourhood extending up to 0.9 km above mean sea level has become less marked. A trough in mid – tropospheric westerlies runs with its axis at 7.6 Km above mean sea level runs roughly along longitude 64°E to the north of latitude 30°N. The trough from the cyclonic circulation over coastal area of Saurashtra and Kutch and neighbourhood runs up to North Rajasthan at 1.5 Km above mean sea level.

(IX) GAUGE AND DISCHARGE DATA OF SOME IMPORTANT SITES AT 8.00 AM. 0N 18.07.2020

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	205.800			
	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	202.680			
	9.	Yamuna Barrage	202.230	201.660	2174	
	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	<u>RIVER SAHIBI</u>					
	1.	Masani	Dry			R/F- Nil
	2.	Dadri Bridge N0. 1 Dadri Bridge No. 2	209.400	N.A.		R/F- 35mm
III	<u>NAJAFGARH DRAIN</u>					
	1.	i) Dhansa Regulator	Dry	Dry	Nil	R/F- 4.2 mm
		ii) Dhansa Regulator	Dry	Dry	Nil	
		iii) Dhansa Regulator	Dry		Nil	
	2.	Chhawla Bridge	209.025			
	3.	Kakraula Regulator	208.900	208.900		11 Gate open
	4.	Basaidarapur Bridge	208.325			
	5.	Bharat Nagar Bridge	206.850	206.825	753	
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.

N.A

(b)

Gauge at 08.00 hrs. today

202.680

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.**