

FLOOD CONTROL ROOM

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

Date: 27.07.2020

(I)

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

1. WEATHER FORECAST FOR RIVER YAMUNA

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

Heavy rainfall warning : Nil
Out look : **No Large Change**
: One or Two Places

2. WEATHER FORECAST FOR RIVER SAHIBI

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

3. LOCAL FORECAST

: Partly cloudy sky. Very light rain/thundershowers towards afternoon/evening. The maximum and minimum temperatures would be around 37 and 28 Degree Celsius respectively.

4. RAINFALL DURING LAST 24 HOURS (in mm)

Delhi

(a) Palam : 22.8 (b) Safdarjung 0.6

(c) Dhansa : 0.0 (d) Delhi Rly. Bridge 0.0

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

0.6 mm

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

308.5 mm

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

249.0 mm

(V) Average Total Normal Rainfall in Delhi.

618.7 mm

(VI) RAINFALL IN YAMUNA CATCHMENT (in mm)

Shimla	:	8.4	Ambala	:	0.0
Solan	:	0.0	Paonta	:	9.2
Chandigarh	:	0.0	Hathni kund Barrage	:	65.6
Jateon Barrage	:	0.0	Dadupur	:	7.0
Nahan	:	0.0	Dehradun	:	82.4
Haripur	:	67.4	Patiala	:	0.0
	:		Saharanpur	:	6.0
Karnal	:	0.0	Mathura	:	0.0

(VII) RAINFALL IN SAHIBI CATCHMENT(in mm)

Dadri Toye	:	0.0	Rewari	:	0.0
Massani Barrage	:	10.0	Jaipur	:	5.8

(VIII) **INFERENCE:**

SYNOPTIC SITUATION (MORNING INFERENCE):

The monsoon trough at mean sea level now runs close to the foot hills of the Himalayas. • The Western Disturbance as a cyclonic circulation over North Pakistan and neighbourhood extending up to 2.1 km above mean sea level persists. • The trough from the western disturbance to east central Arabian sea off Konkan coast across west Rajasthan and Saurashtra & Kutch between 0.9 Km and 2.1 Km above mean sea level persists. • The trough from east central Arabian sea off Konkan coast to south east Uttar Pradesh at 4.5 Km above mean sea level persists.

(IX) GAUGE AND DISCHARGE DATA OF SOME IMPORTANT SITES AT 8.00 AM. 0N 27.07.2020

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	207.900			
	4.	Jhangola	206.650			
	5.	Jagatpur Bund	205.900			
	6.	L.F. Bund RD. 5222	Dry			
		L.F. Bund RD.0	Dry			
	7.	Wazirabad Barrage	205.590	203.18	2500	
	8.	Old Rly Bridge	202.830			
	9.	Yamuna Barrage	N.A	N.A	N.A	
	10.	Okhla Barrage (6.00 a.m.)	201.350	194.900	1557	
	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	211.560	N.A.		R/F- Nil
III	<u>NAJAFGARH DRAIN</u>					
	1.	i) Dhansa Regulator	210.200	210.100	216	R/F- Nil
		ii) Dhansa Regulator	210.100	210.050	154	
		iii) Dhansa Regulator	210.050		749 Total 1119	
	2.	Chhawla Bridge	209.975			
	3.	Kakraula Regulator	209.875	209.875		11 Gate open
	4.	Basaidarapur Bridge	209.350			
	5.	Bharat Nagar Bridge	207.600	207.575	1660	
	6.	Timarpur Bridge	204.500	204.475	1722	
IV	<u>TRUNK DRAIN N0.1</u>					
		R.D.6550 M.	202.000			
		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 202.83

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.**