

FLOOD CONTROL ROOM

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

Date: 20.07.2020

(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	:	No large Change
Lower Catchment	:	At Most Places

Heavy rainfall warning	:	Nil
Out look	:	No large Change

2. WEATHER FORECAST FOR RIVER SAHIBI

Heavy rain fall warning	:	Nil
Out look	:	No large Change

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 34 and 26 Degree Celsius respectively.

4. RAINFALL DURING LAST 24 HOURS (in mm)

Delhi

(a) Palam	:	2.7	(b) Safdarjung	:	2.2
(c) Dhansa	:	13.2	(d) Delhi Rly. Bridge	:	0.0

(II) Total Rainfall in Delhi (SFD) during last 24 Hours (up to 8.30 a.m.) **2.2 mm**

(III) Total Rainfall in Delhi (SFD) from 1st June to till date **206.6 mm**

(iv) Average Normal Rainfall (SFD) in Delhi, 1st June to till date **185.2 mm**

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

(VI) RAINFALL IN YAMUNA CATCHMENT (in mm)

Shimla	:	0.0	Ambala	:	0.0
Solan	:	0.0	Paonta	:	0.0
Chandigarh	:	1.0	Hathni kund Barrage	:	0.0
Jateon Barrage	:	0.0	Dadupur	:	60.0
Nahan	:	23.1	Dehradun	:	0.3
Haripur	:	8.2	Patiala	:	0.6
	:		Saharanpur	:	0.0
Karnal	:	0.0	Mathura	:	0.0

(VII) RAINFALL IN SAHIBI CATCHMENT(in mm)

Dadri Teye	:	5.0	Rewari	:	3.0
Massani Barrage	:	0.0	Jaipur	:	0.0

(VIII) INFERENCE:

SYNOPTIC SITUATION (MORNING INFERENCE):

The monsoon trough at mean sea level now passes through Amritsar, Ludhiana, Meerut, Bareilly, Gorakhpur, Bhagalpur and eastern end lies close to the foothills of the Himalayas. The trough in mid – tropospheric westerlies with its axis at 7.6 Km above mean sea level now runs• roughly along longitude 70°E to the north of latitude 32°N. The cyclonic circulation over southwest Rajasthan and neighbourhood persists and seen at 3.6 km above• mean sea level. The cyclonic circulation over central Pakistan and neighbourhood merged with heat low.●

(IX) GAUGE AND DISCHARGE DATA OF SOME IMPORTANT SITES AT 8.00 AM. 0N 20.07.2020

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	207.800			
	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	202.570	200	
	8.	Old Rly Bridge	202.660			
	9.	Yamuna Barrage	202.230	201.660	1984	
	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- Nil
	2.	Dadri Bridge N0. 1 Dadri Bridge No. 2	209.410	N.A.		R/F- 5.00mm
III	<u>NAJAFGARH DRAIN</u>					
	1.	i) Dhansa Regulator	Dry	Dry	Nil	R/F- 13.2 mm
		ii) Dhansa Regulator	Dry	Dry	Nil	
		iii) Dhansa Regulator	209.250		7	
	2.	Chhawla Bridge	209.325			
	3.	Kakraula Regulator	209.150	209.150		11 Gate open
	4.	Basaidarapur Bridge	208.550			
	5.	Bharat Nagar Bridge	207.000	206.975	928	
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.

202.960

(b)

Gauge at 08.00 hrs. today

202.660

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.**