

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, ifccdixiv@gmail.com

DAILY REPORT OF WEATHER AND FLOOD SITUATION.

Date: 05.09.2020

(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 : Nil
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

: Partly cloudy sky with light rain/thundershowers towards afternoon/ evening. Today's maximum and tomorrow's minimum temperatures would be around 35 and 26 Degree Celsius respectively.

4. RAINFALL DURING LAST 24 HOURS (in mm)

Delhi

(a) Palam	:	3.2	(b) Safdarjung	:	0.8
(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.)

0.8 mm

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

556.4 mm

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

559.6 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	:	0.0	Hathni kund Barrage	:	0.0
Jateon Barrage	:	0.0	Dadupur	:	0.0
Nahan	:	1.2	Dehradun	:	0.2
Haripur	:	0.0	Patiala	:	0.0
	:		Saharanpur	:	0.0
Karnal	:	0.0	Mathura	:	33.0

(VII) RAINFALL IN SAHIBI CATCHMENT(in mm)

Dadri Toye	:	12.0	Rewari	:	13.0
Massani Barrage	:	0.0	Jaipur	:	0.2

(VIII) INFERENCE:

SYNOPTIC SITUATION (MORNING INFERENCE):

The Monsoon trough at mean sea level now passes through Amritsar, Karnal, Bareilly, Gorakhpur, Jalpaiguri and thence eastwards to Arunachal Pradesh across south Assam. The cyclonic circulation over Northwest Rajasthan and adjoining Pakistan persists and extends up to 0.9 km above mean sea level. A trough in mid and upper tropospheric westerlies with its axis at 5.8 Km above mean sea level runs roughly along Longitude 54°E to the north of latitude 30°N. The cyclonic circulation over northwest Madhya Pradesh and adjoining east Rajasthan now lies over southwest Uttar Pradesh & neighbourhood and extends up to 1.5 Km above mean sea level. A trough runs from northwest Uttar Pradesh & Jammu region across north Haryana & southern parts of Himachal Pradesh at 3.1 km above mean sea level. The trough in mid and upper tropospheric westerlies with its axis at 5.8 Km above mean sea level runs roughly along Longitude 64°E to the north of latitude 32°N has moved away. The cyclonic circulation over Bihar & adjoining East Uttar Pradesh between 1.5 & 3.1 km above mean sea level has become less marked. The cyclonic circulation over south Rajasthan & adjoining Gujarat at 3.1 km above mean sea level has become less marked. The trough from north Odisha to the cyclonic circulation over Bihar & adjoining East Uttar Pradesh at 3.1 km above mean sea level has become less marked.

(IX) GAUGE AND DISCHARGE DATA OF SOME IMPORTANT SITES AT 8.00 AM. 0N 05.09.2020

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	208.400			
	4.	Jhangola	207.050			
	5.	Jagatpur Bund	205.800			
	6.	L.F. Bund RD. 5222	Dry			
		L.F. Bund RD.0	Dry			
	7.	Wazirabad Barrage	205.590	203.270	3600	
	8.	Old Rly Bridge	202.830			
	9.	Yamuna Barrage	N/A	N/A	N/A	
	10.	Okhla Barrage (6.00 a.m.)	201.000	195.450	4109	
	11.	Shahadara Out fall drain (Atta Bridge)	Below			
	12.	Jaitpur(Ali Drain)	Below			
II	<u>RIVER SAHIBI</u>					
	1.	Masani	Dry	Dry	Dry	R/F- Nil
	2.	Dadri Bridge N0. 1 Dadri Bridge No. 2	210.780	-	-	R/F- Nil
III	<u>NAJAFGARH DRAIN</u>					
	1.	i) Dhansa Regulator	209.975	209.900	88	R/F- Nil
		ii) Dhansa Regulator	209.950	209.900	76	
		iii) Dhansa Regulator	209.950	-	400 Total 564	
	2.	Chhawla Bridge	209.850			
	3.	Kakraula Regulator	209.600	209.600		11 Gate open
	4.	Basaidarapur Bridge	209.250			
	5.	Bharat Nagar Bridge	207.625	207.600	1607	
	6.	Timarpur Bridge	204.550	204.525	1676	
IV	<u>TRUNK DRAIN N0.1</u>					
		R.D.6550 M.	202.000			
		RD. 8950 M.	203.300			
		RD.10330M	203.400			
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. 203.07

(b) Gauge at 08.00 hrs. today 202.83

Warning level :

Danger Level :

Highest Flood Level :

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.**