

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, ifccezoni@gmail.com, ifccdxiv@gmail.com

DAILY REPORT OF WEATHER AND FLOOD SITUATION.

Date: 15.07.2020

(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 | : | Increase |
| Lower Catchment | : | One or Two Places |

| | | |
|------------------------|---|-----------------|
| Heavy rainfall warning | : | Nil |
| Out look | : | Increase |

2. WEATHER FORECAST FOR RIVER SAHIBI

| | | |
|-------------------------|---|-----------------|
| Heavy rain fall warning | : | Nil |
| Out look | : | Increase |

3. LOCAL FORECAST

: Partly cloudy sky. Very light rain/thundershowers accompanied with gusty winds (speed 30-40 kmph). The maximum and minimum temperatures would be around 37 and 29 Degree Celsius respectively.

4. RAINFALL DURING LAST 24 HOURS (in mm)

Delhi

| | | | | | |
|------------|---|-----|-----------------------|---|-----|
| (a) Palam | : | 0.0 | (b) Safdarjung | : | 0.0 |
| (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.)

0.0

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

125.7 mm

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

153.8 mm

(V) Average Total Normal Rainfall in Delhi.

618.7 mm

(VI) RAINFALL IN YAMUNA CATCHMENT (in mm)

| | | | | | |
|----------------|---|------|---------------------|---|------|
| Shimla | : | 0.5 | Ambala | : | 0.4 |
| Solan | : | 22.4 | Paonta | : | 34.8 |
| Chandigarh | : | 44.4 | Hathni kund Barrage | : | 22.0 |
| Jateon Barrage | : | 3.0 | Dadupur | : | 8.0 |
| Nahan | : | 0.0 | Dehradun | : | 5.4 |
| Haripur | : | 9.8 | Patiala | : | 30.4 |
| | : | | Saharanpur | : | 9.0 |
| Karnal | : | 0.0 | Mathura | : | 0.0 |

(VII) RAINFALL IN SAHIBI CATCHMENT(in mm)

| | | | | | |
|-----------------|---|-----|--------|---|-----|
| Dadri Teye | : | 0.0 | Rewari | : | 0.0 |
| Massani Barrage | : | 0.0 | Jaipur | : | 0.0 |

(VIII) INFERENCE:

SYNOPTIC SITUATION (MORNING INFERENCE):

The monsoon trough at mean sea level now passes through Suratgarh, Pilani, Dholpur, Kanpur, Churk, Hazaribagh, Bankura, Digha and thence southeastwards to northwest Bay of Bengal and extends upto 0.9 km above mean sea level. The western disturbance as a trough in mid-tropospheric westerlies with its axis at 5.8 Km above mean level now runs roughly along Longitude 74°E to the north of Latitude 34°N. The cyclonic circulation over south Pakistan and neighbourhood at 1.5 Km above mean sea level has become less marked. The cyclonic circulation over southeast Uttar Pradesh and neighbourhood now lies over south Uttar Pradesh and neighbourhood and extends upto 2.1 Km above mean sea level.

(IX) GAUGE AND DISCHARGE DATA OF SOME IMPORTANT SITES AT 8.00 AM. 0N 15.07.2020

| 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 | 207.800 | | | |
| | 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 | 202.690 | 600 | |
| | 8. | Old Rly Bridge | 202.690 | | | |
| | 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 | 209.500 | N.A. | | R/F- Nil |
| III | <u>NAJAFGARH DRAIN</u> | | | | | |
| | 1. | i) Dhansa Regulator | Dry | Dry | Nil | R/F- Nil |
| | | ii) Dhansa Regulator | Dry | Dry | Nil | |
| | | iii) Dhansa Regulator | Dry | | Nil | |
| | 2. | Chhawla Bridge | 209.100 | | | |
| | 3. | Kakraula Regulator | 209.050 | 209.050 | | 11 Gate open |
| | 4. | Basaidarapur Bridge | 208.400 | 208.400 | | |
| | 5. | Bharat Nagar Bridge | 206.850 | 206.825 | 781 | |
| | 6. | Timarpur Bridge | 203.800 | 203.775 | 839 | |
| 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 202.690

| | | |
|---------------------|---|-------------|
| 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.**