



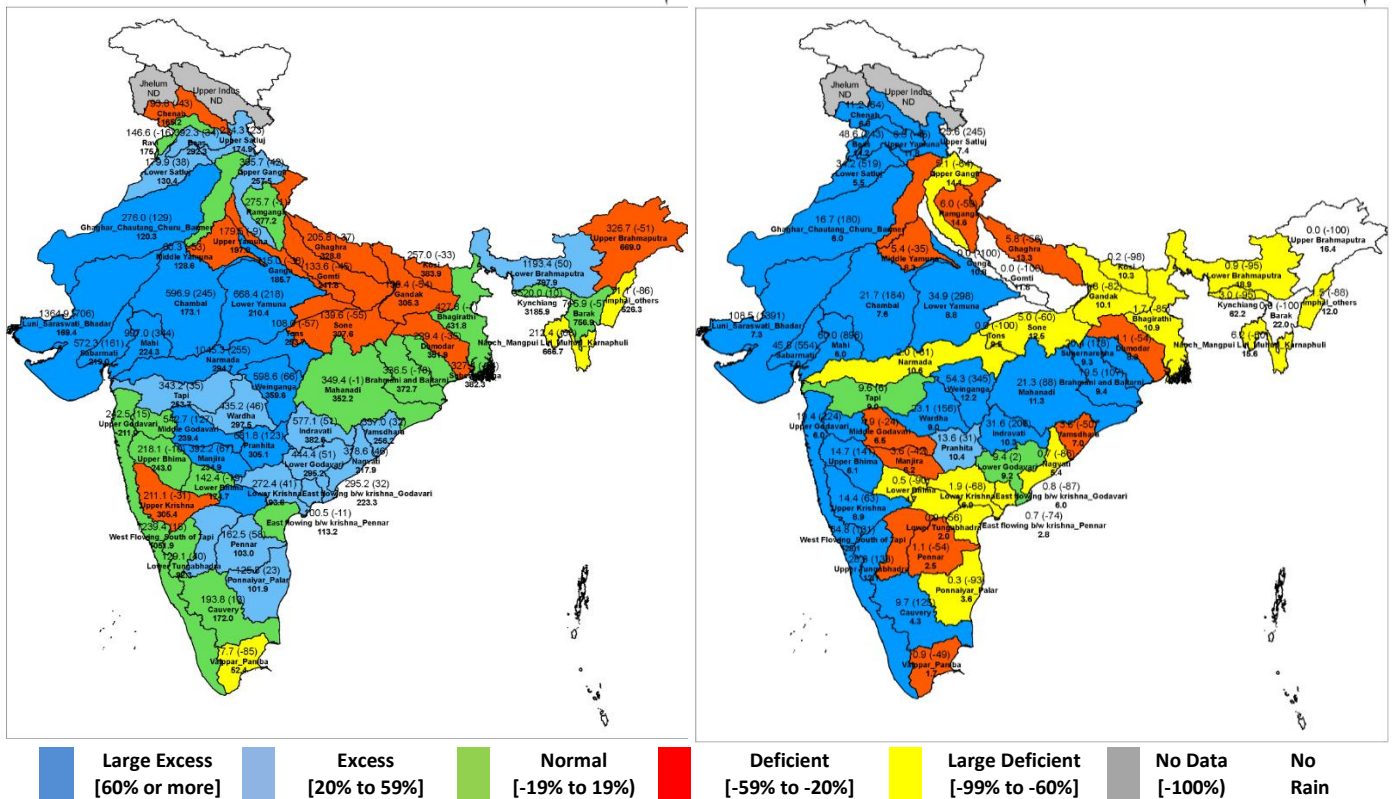
**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**15-07-2022**

**1.0 Rainfall Situation**

**1.1 Basin wise departure from normal of cumulative and daily rainfall**

**RIVER BASIN RAINFALL MAP : INDIA**  
 Period :01-06-2022 To 15-07-2022

**RIVER BASIN RAINFALL MAP : INDIA**  
 Date :15-07-2022

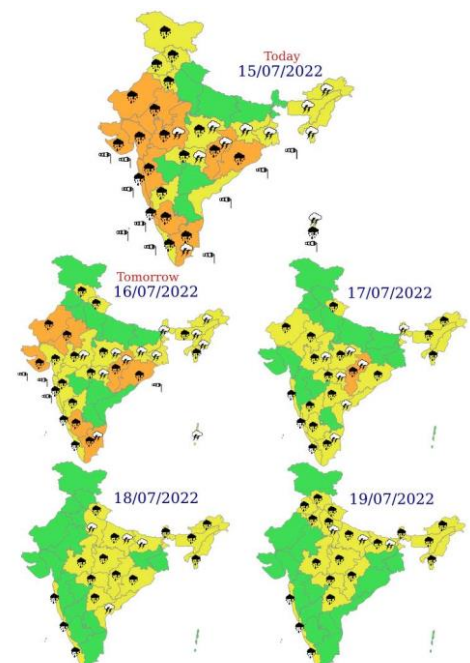


Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)  
 b) Percentage departures of rainfall are shown in brackets.

**Rainfall forecast for next 5 days issued on 15<sup>th</sup> July 2022 (Midday) by IMD**

**WARNING**  
 WARNING (TAKE ACTION)  
 ALERT (BE PREPARED)  
 WATCH (BE UPDATED)  
 NO WARNING (NO ACTION)

- Isolated very heavy rainfall over Gujarat region, ghat areas Madhya Maharashtra, Konkan & Goa & Coastal Karnataka on 15th; Rajasthan, Tamil Nadu, South Interior Karnataka, Saurashtra & Kutch and Odisha on 15th & 16th; Chhattisgarh during 15th-17th; West Madhya Pradesh on 15th & 19th; Himachal Pradesh & Uttar Pradesh on 19th and over Uttarakhand & East Madhya Pradesh on 18th & 19th; July, 2022.



## 2.0 Flood Situation and Advisories

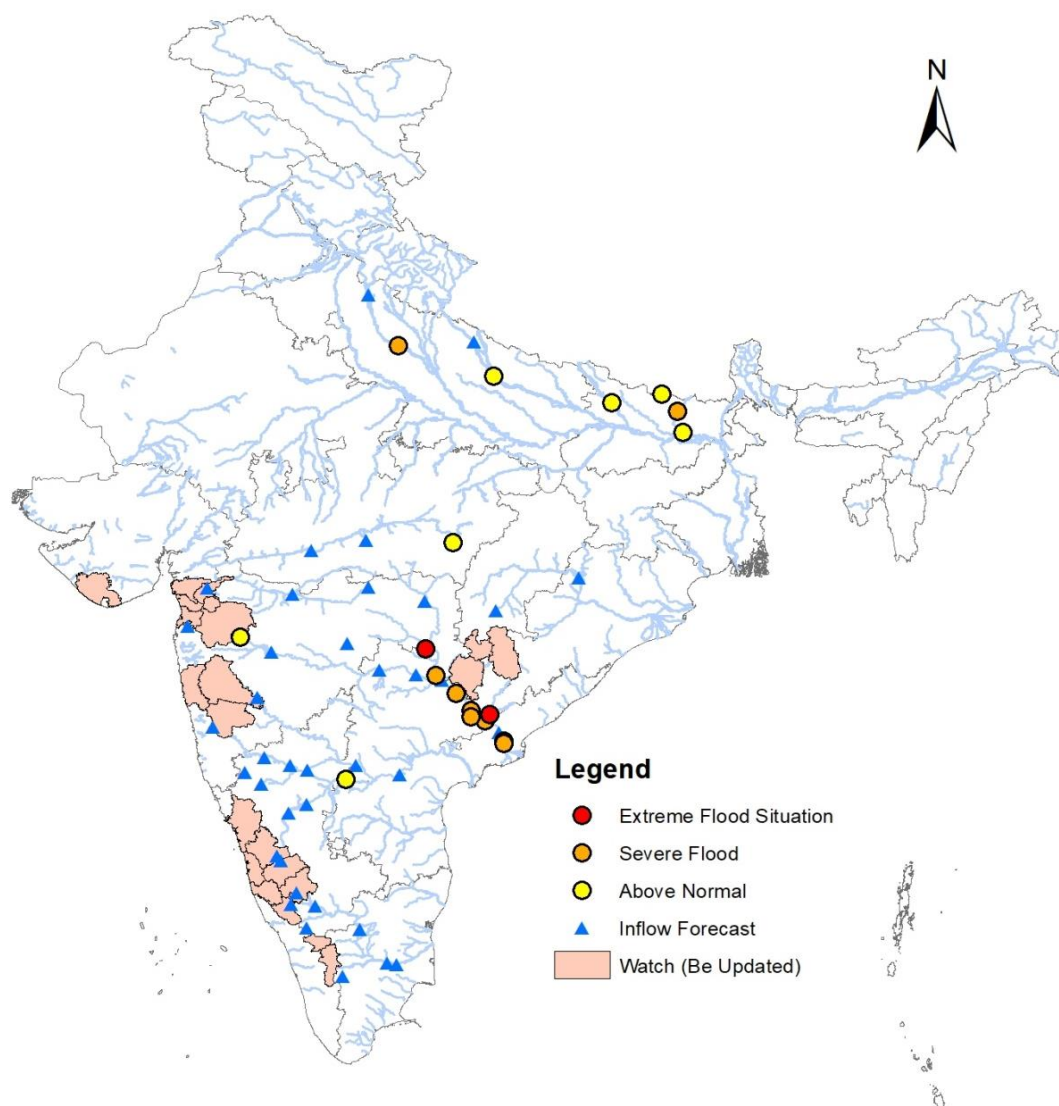
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 15<sup>th</sup> July 2022, 2 stations (1 each in Maharashtra & Andhra Pradesh) are flowing in Extreme Flood Situation, 8 stations (4 in Telangana, 2 in Andhra Pradesh & 1 each in Bihar & Uttar Pradesh) are flowing in Severe Flood Situation, 8 stations (3 in Bihar, 2 each in Maharashtra & Andhra Pradesh and 1 in Uttar Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 41 Barrages & Dams (13 in Karnataka, 7 in Maharashtra, 5 each in Tamil Nadu & Telangana, 3 in Andhra Pradesh, 2 each in Madhya Pradesh, Uttar Pradesh & Gujarat and 1 each in Odisha & Chattisgarh).

| PART - I: LEVEL FORECAST   |   |                              |
|--|---|------------------------------|
| S.No.  | Flood Situations  | Numbers of Forecasting Sites |
| A  | Extreme Flood Situation:<br>(Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)                           | 2                            |
| B  | Severe Flood Situation:<br>(Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)) | 8                            |
| C  | Above Normal Flood Situation:<br>(Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)       | 8                            |
| Total number of sites above Warning Level (A+B+C)  |   | 18                           |
| PART - II: INFLOW FORECAST   |   |                              |
| Number of sites for which inflow forecasts issued:<br>(Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage) |   | 41                           |

Details are given at link: [http://www.cwc.gov.in/sites/default/files/cfrcwcdfb15-07-2022\\_5.pdf](http://www.cwc.gov.in/sites/default/files/cfrcwcdfb15-07-2022_5.pdf)

#### 2.1.1 Flood Situation Map



**Maharashtra**

IMD has predicted very heavy rainfall over districts such as **Palghar, Nashik, Thane, Pune, Raigad, Ratnagiri, Satara, Amravati and Nagpur** hence, alert may be kept for the rise in water levels of river of Konkan region such as Damanganga, Savitri, Amba, Bav, Wagh, Vashitsti, Ulhas, and other small rivers of the regions. Also alert may be kept for water level rise in Purna, Wardha, Wainganga and its other tributaries in the above said region. Due to continuous rainfall scenario surface flow has increased over the region hence more alert has to be kept in above said districts. River Penganga is flowing in extreme flood situation in Yavatmal district with falling trend and river Wardha is flowing in extreme flood situation in Chandrapur district with falling trend.

**Dams > 70% Storage**

| Project       | District   | Project  | District |
|---------------|------------|--|----------|
| Lower Dudhana | Parbhani   | Kalisarer  | Gondiya  |
| Lower Chondhe | Thane      | KamthiKhairy   | Nagpur   |
| Tillari       | Sindhudurg | Waghad, Bhavali, Ozarkhed, Karanjwam, Mukane, Bham, Girna, Pune gaon | Nashik   |
| Asolamendha   | Chandrapur | Yedgaon, Khadakwasla, Bhamaaskhed, Chaskaman                         | Pune     |
| Dina          | Gadchiroli | Veer   | Satara   |

As IMD declared orange alert for the districts shown in orange colour, it is requested to regulate the project as per SOP and any release of water may be done after informing lower riparian areas.

**Gujarat**

IMD has predicted very heavy to Extremely heavy rains in **Valsad, Tapi, Surat, Navsari and Dangs districts**, hence, alert may be kept for rise in water levels in Lower Tapi basin and rivers Damanganaga, Ambika, Purna, Mindhola, Kaveri, Kharera, Auranga and their tributaries for next 2 days. Also alert may be kept for rise in water levels in Ozat, Madhuwati, Minsar, Sani, Saraswati and other small rivers of **Junagadh and Gir-Somnath** districts. Projects such as Kelia, Jhuj (Navsari dist.), Chopadvav (Narmada dist.), Dholi (Bharuch dist.) are having more than 90% storage hence, it is requested to regulate the dam as per SOP and any release of water may be done after informing lower riparian areas

**Karnataka**

Alert may be kept for the rise in water levels for west flowing rivers such as Kalinadi, Sharavati, Kumaradhara, Netravathi, Bedthi, Aghanashini, and other small rivers of south Konkan in coastal districts of Karnataka. Main tributaries of Krishna river such as Bhima, Ghataprabha, Malaprabha, Tungabhadra are also expected to get increased runoff. Hence, alert may be kept for water level rise in above said rivers in districts **Chikmangalur, Kodagu, Shimoga, Uttara Kannada, Udupi & Dakshin Kannada**. Due to continuous rainfall scenario surface flow has increased over the region, hence, more alert has to be kept in above said districts. Projects such as **Hemavathi, KRS, Kabini, Bhadra, Upper Tunga** are expected to receive increased inflows of greater than 700 cumec for next 2 days, hence, it is requested to regulate the dam as per SOP and any release of water may be done after informing lower riparian areas. Flood situation as per CWC network is as follows.

| River/Basin                    | District       | Flood Situation |
|--------------------------------|----------------|-----------------|
| Bhadra/Krishna                 | Chikmangalur   | Extreme         |
| Kumudavati/Tungabhadra/Krishna | Haveri         | Severe          |
| Varadha/Tungabhadra/Krishna    | Haveri         | Severe          |
| Tungabhadra/Krishna            | Shimoga        | Severe          |
| Cauvery/Cauvery                | Chamarajanagar | Severe          |

## Telangana

Eventhough the rainfall has reduced in Telangana, lower Godavari region are still in flood situation as per CWC network. Lakshmi Barrage (100% filled), PVN RoaKanthampally project (100%), Sriramsagar (79.3%) are having high storage hence it is requested to regulate the dam as per SOP and any release of water may be done after informing lower riparian areas. **Discharges from Laxmi Barrage is about 80,996 cumec** hence high alert may be maintained in downstream areas. Flood situation as per CWC network is included in below given table.

| River    | District            | Flood Situation |
|----------|---------------------|-----------------|
| Godavari | Bhupalpally         | Severe          |
| Godavari | Mulugu<br>Bhadradri | Severe          |

## Andhra Pradesh

Flood wave in Godavari basin that rose in Maharashtra and Telegana regions are travelling downstream, hence, **East Godavari and Alluri Sitharama Raju** districts are having flood situation and will continue for next 2 to 3 days. Currently, **extreme** flood situation exist in Sabari river in **Alluri Sitharama Raju** district.

## Kerala

Increased inflow is expected into Idukki and Edamalayar dams. Dams such as Banasurasagar (63.8%, Wyanad dist.), Ponmudi (97.2%, Idukki), Kuttiyadi (98.2%, Kozhikode), Poringalkuthu (72.2%, Thirssur), Kallarkutty (95.1%, Idukki), Lower Periyar (100%, Idukki) are having high storage, it is requested to regulate the dam as per SOP and any release of water may be done after informing lower riparian areas.

### 3.0 FLOOD SITUATION SUMMARY

| S.No. | Station           | River      | District             | State          | 16-07-2022 | 17-07-2022 | 18-07-2022 | 19-07-2022 | 20-07-2022 |
|-------|-------------------|------------|----------------------|----------------|------------|------------|------------|------------|------------|
| 1     | BAMNI (BALHARSHA) | WARDHA     | CHANDRAPUR           | MAHARASHTRA    | S          | AN         | N          | N          | N          |
| 2     | BHADRACHALAM      | GODAVARI   | BHADRADRI KOTHAGUDEM | TELANGANA      | S          | N          | N          | N          | N          |
| 3     | DUMMUGUDEM        | GODAVARI   | BHADRADRI KOTHAGUDEM | TELANGANA      | S          | N          | N          | N          | N          |
| 4     | KALESWARAM        | GODAVARI   | BHUPALPALLY          | TELANGANA      | S          | S          | AN         | N          | N          |
| 5     | KUNAVARAM         | GODAVARI   | EAST GODAVARI        | ANDHRA PRADESH | S          | N          | N          | N          | N          |
| 6     | BASUA             | KOSI       | Supaul               | Bihar          | S          | S          | S          | S          | S          |
| 7     | BENIBAD           | BAGMATI    | Muzaffarpur          | Bihar          | N          | N          | AN         | AN         | S          |
| 8     | HARIDWAR          | GANGA      | Hardwar              | Uttarakhand    | AN         | N          | AN         | AN         | S          |
| 9     | KHADDA            | GANDAK     | Kushinagar           | Uttar Pradesh  | N          | N          | N          | N          | S          |
| 10    | RISHIKESH         | GANGA      | Dehradun             | Uttarakhand    | N          | N          | N          | N          | S          |
| 11    | RUNISAIDPUR       | BAGMATI    | Sitamarhi            | Bihar          | N          | N          | AN         | AN         | S          |
| 12    | BEKI NH CROSSING  | BEKI       | Barpeta              | Assam          | N          | N          | N          | AN         | S          |
| 13    | NUMALIGARH        | DHANSARI   | Golaghat             | Assam          | N          | N          | S          | S          | S          |
| 14    | AKHUAPADA         | BAITRANI   | Jajapur              | Odisha         | AN         | S          | S          | S          | S          |
| 15    | ARARIA            | PARMAN     | Araria               | Bihar          | N          | N          | N          | AN         | S          |
| 16    | ETURUNAGARAM      | GODAVARI   | MULUGU               | TELANGANA      | AN         | AN         | N          | N          | N          |
| 17    | JAGDALPUR         | INDRAVATHI | BASTAR               | CHHATTISGARH   | AN         | N          | AN         | AN         | AN         |
| 18    | KOPERGAON         | GODAVARI   | AHMEDNAGAR           | MAHARASHTRA    | AN         | N          | N          | N          | N          |
| 19    | PAUNI             | WAINGANGA  | BHANDARA             | MAHARASHTRA    | AN         | AN         | AN         | AN         | AN         |
| 20    | SIRPUR_TOWN       | WARDHA     | ADILABAD             | TELANGANA      | AN         | N          | N          | N          | N          |
| 21    | CHINTURU          | SABARI     | EAST GODAVARI        | ANDHRA PRADESH | AN         | N          | N          | N          | N          |
| 22    | DOWLAISWARAM      | GODAVARI   | EAST GODAVARI        | ANDHRA PRADESH | AN         | N          | N          | N          | N          |
| 23    | BALRAMPUR         | RAPTI      | Balrampur            | Uttar Pradesh  | N          | N          | N          | N          | AN         |
| 24    | BALTARA           | KOSI       | Khagaria             | Bihar          | AN         | AN         | N          | N          | AN         |
| 25    | DHENGRAGHAT       | MAHANANDA  | Purnia               | Bihar          | N          | N          | N          | AN         | AN         |
| 26    | ELGINBRIDGE       | GHAGRA     | Bahraich             | Uttar Pradesh  | AN         | AN         | AN         | AN         | AN         |
| 27    | JHAWA             | MAHANANDA  | Katihar              | Bihar          | N          | N          | N          | N          | AN         |
| 28    | KACHHLABRIDGE     | GANGA      | Budaun               | Uttar Pradesh  | AN         | AN         | AN         | AN         | AN         |
| 29    | SRINAGAR          | ALAKNANDA  | Garhwal              | Uttarakhand    | AN         | N          | AN         | AN         | AN         |
| 30    | DUMARIAGHAT       | GANDAK     | Gopalganj            | Bihar          | AN         | AN         | AN         | AN         | AN         |
| 31    | DHENG_BRIDGE      | BAGMATI    | Sitamarhi            | Bihar          | N          | N          | AN         | AN         | AN         |
| 32    | JAINAGAR          | KAMLA      | Madhubani            | Bihar          | AN         | AN         | AN         | AN         | AN         |
| 33    | KAKARDHARI        | RAPTI      | Shrawasti            | Uttar Pradesh  | N          | N          | N          | N          | AN         |

|    |                 |            |            |                |    |    |    |    |    |
|----|-----------------|------------|------------|----------------|----|----|----|----|----|
| 34 | KHOWANG         | BURIDEHING | Dibrugarh  | Assam          | N  | N  | N  | AN | AN |
| 35 | DHARAMTUL       | KOPLI      | Marigaon   | Assam          | N  | N  | N  | AN | AN |
| 36 | GOLAGHAT        | DHANSARI   | Golaghat   | Assam          | N  | N  | N  | N  | AN |
| 37 | JIABHARALI_NT_X | JAIBHARALI | Sonitpur   | Assam          | N  | N  | N  | N  | AN |
| 38 | NEAMATIGHAT     | BHRAMPUTRA | Jorhat     | Assam          | N  | N  | N  | N  | AN |
| 39 | SHIVSAGAR       | DIKHOW     | Shivsagar  | Assam          | N  | N  | N  | AN | AN |
| 40 | PUTHIMARI_NH_X  | PUTHIMARI  | Kamrup     | Assam          | N  | N  | N  | N  | AN |
| 41 | NH_X_RANGANADI  | RANGANADI  | Lakhimpur  | Assam          | N  | N  | N  | N  | AN |
| 42 | ANNA_PURNA_GHAT | BARAK      | Cachar     | Assam          | N  | N  | N  | N  | AN |
| 43 | KARIMGANJ       | BARAK      | Karimganj  | Assam          | N  | N  | N  | N  | AN |
| 44 | ANANDPUR        | BAITRANI   | Kendujhar  | Odisha         | N  | N  | AN | N  | N  |
| 45 | MANDLA          | NARMADA    | Bharuch    | Gujarat        | N  | N  | N  | AN | AN |
| 46 | KASHINAGAR      | VAMSADHARA | Srikakulam | Andhra Pradesh | AN | AN | AN | AN | AN |
| 47 | GOLOKGANJ       | SANKOSH    | DHUBRI     | Assam          | N  | N  | N  | N  | AN |

The flood situation at Flood Forecasting Stations likely to be above warning level for next 5 days:

**Abbreviation:** N: Normal Flood Situation, AN: Normal Flood Situation, S: Severe Flood Situation, E: Extreme Flood Situation

For more details, please visit <https://ffs.india-water.gov.in/> for flood forecast monitoring & short range flood forecast and <https://aff.india water.gov.in/> for medium range flood forecast.

Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled).

Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)).

Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level).



#### 4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 15<sup>th</sup> July 2022

| QPF categories (mm) | 0 | 0.1-10 | 11-25 | 26-37 | 38-50 | 51-75 | 76-100 | >100 |
|---------------------|---|--------|-------|-------|-------|-------|--------|------|
|---------------------|---|--------|-------|-------|-------|-------|--------|------|

|                   |  |
|-------------------|--|
| Storage above 85% |  |
| Storage above 60% |  |

| #  | Reservoir/Dams       | River/Sub-Basin /Basin                              | State  | US/ DS District   | Rainfall situation |       |       |       |       |
|----|----------------------|---|--------|---|--------------------|-------|-------|-------|-------|
|    |                      |   |        |   | Day 1              | Day 2 | Day 3 | Day 4 | Day 5 |
| 1  | Pulichinthala        | Krishna/Lower Krishna/ Krishna                      | AP     | Nalgonda(Tel)/Guntoor,Krishna (AP)                              |                    |       |       |       |       |
| 2  | Somasila             | Pennar/Lower Pennar/Pennar                          | AP     | Kadapa(AP)/Nellore(AP)  |                    |       |       |       |       |
| 3  | Musi                 | Musi/Lower Krishna/ Krishna                         | Tel    | Nalgonda  |                    |       |       |       |       |
| 4  | Sriramasagar         | Godavari/Middle Godavari/Godavari                   | Tel    | Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana) |                    |       |       |       |       |
| 5  | SripadaYellampally   | Godavari/Middle Godavari/Godavari                   | Tel    | Mancherial/JaishankarBhupalpally                                |                    |       |       |       |       |
| 6  | Singur               | Manjira/Manjira/Godavari                            | Tel    | Bidar(Kar)/Sangareddy(Telangana)                                |                    |       |       |       |       |
| 7  | Ukai                 | Tapi/Tapi/Tapi                                      | Guj    | Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)                           |                    |       |       |       |       |
| 8  | Narayanpur           | Krishna/Upper Krishna/Krishna                       | Kar    | Bagalkot, Vijayapura/ Raichur, Yaadgir                          |                    |       |       |       |       |
| 9  | Harangi              | Cauvery/Upper Cauvery/Cauvery                       | Kar    | Kodagu/Mandya   |                    |       |       |       |       |
| 10 | Hemavathy            | Hemavathy/ Hemavathy/Cauvery                        | Kar    | Hassan, Kodagu/Mandya, Mysore                                   |                    |       |       |       |       |
| 11 | Karanja              | Karanja/Manjira/Godavari                            | Kar    | Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)                    |                    |       |       |       |       |
| 12 | Tungabhadra          | Tungabhadra/Middle Tungabhadra/Krishna              | Kar    | Gadag/Bellary, Koppal, Raichur                                  |                    |       |       |       |       |
| 13 | Kabini               | Kabini/Kabini/Cauvery                               | Kar    | Wayanad (Ker)/Mysuru(Kar)                                       |                    |       |       |       |       |
| 14 | Bhadra               | Bhadra/UpperTungabhadra/Krishna                     | Kar    | Chikmagaluru/Shimoga  |                    |       |       |       |       |
| 15 | KRS                  | Cauvery/Middle Cauvery/Cauvery                      | Kar    | Mandya, Mysore  |                    |       |       |       |       |
| 16 | Almatti              | Krishna/Upper Krishna/Krishna                       | Kar    | Kolhapur(Maharashtra)/ Bagalkote(Karnataka)                     |                    |       |       |       |       |
| 17 | Veer                 | Nira/Upper Bhima/Krishna                            | Mah    | Pune, Satara  |                    |       |       |       |       |
| 18 | Yeldari              | Purna/Purna/Godavari                                | Mah    | Hingoli, Parbhani/Nanded  |                    |       |       |       |       |
| 19 | Upper Wardha Project | Wardha/Wardha/Godavari                              | Mah    | Wardha, Amravati  |                    |       |       |       |       |
| 20 | Issapur              | Kayadhu/Penganga/Godavari                           | Mah    | Hingoli, Yavatmal   |                    |       |       |       |       |
| 21 | Totladoh             | Pench/Wainganga/Godavari                            | Mah    | Chindwara(MP)/Nagpur(Mah)                                       |                    |       |       |       |       |
| 22 | Salandi              | Salandi/Brahmani and Baitarni/Brahmani and Baitarni | Odisha | Mayurbhanj,Kendujhar/Bhadrak                                    |                    |       |       |       |       |
| 23 | Bhavanisagar         | Bhavani/Middle Cauvery/Cauvery                      | TN     | Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)      |                    |       |       |       |       |
| 24 | Mettur               | Cauvery/Middle Cauvery/Cauvery                      | TN     | Dharmapuri, Salem/Erode, Namakkal                               |                    |       |       |       |       |
| 25 | SomKamlaAmba         | Som/Mahi B/Mahi                                     | Raj    | Udaipur/Dungarpur   |                    |       |       |       |       |
| 26 | RanaPratapSagar      | Chambal/Upper Chambal/Ganga                         | Raj    | Neemuch(MP)/Dholpur, Kota, Bundi(Raj)                           |                    |       |       |       |       |
| 27 | Gudha                | Mejchambal/Upper Chambal/Ganga                      | Raj    | Bhilwara/Bundi  |                    |       |       |       |       |
| 28 | Gandhisagar          | Chambal/Upper Chambal/Ganga                         | MP     | Mandsaur,Neemuch(MP)/Dholpur(Raj)                               |                    |       |       |       |       |

Note- Based on above information, Project Authority may regulate the reservoirs as per standard operating manuals/ rule levels to avoid downstream flooding and upstream submergence.