

# BRIEF NOTE ON LIVE STORAGE STATUS OF 91 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 06.07.2016)

## 1. ALL INDIA STATUS

Central Water Commission is monitoring live storage status of 91 reservoirs of the country on weekly basis and is issuing weekly bulletin on every Thursday. Out of these reservoirs, 37 reservoirs have hydropower benefit with installed capacity of more than 60 MW. The total live storage capacity of these 91 reservoirs is 157.799 BCM which is about 62% of the live storage capacity of 253.388 BCM which is estimated to have been created in the country. As per reservoir storage bulletin dated **06.07.2016**, live storage available in these reservoirs is **28.208 BCM**, which is **18%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **51.307 BCM** and the average of last 10 years live storage was **38.304 BCM**. Thus, the live storage available in 91 reservoirs **as per 06.07.2016 Bulletin** is **55%** of the live storage of corresponding period of last year and **74%** of storage of average of last ten years.

The overall storage position is **less than the** corresponding period of last year in the country as a whole and is also **less than the** average storage of last ten years during the corresponding period.

## 2. REGION WISE STORAGE STATUS:

### a) NORTHERN REGION

The northern region includes States of Himachal Pradesh, Punjab and Rajasthan. There are 6 reservoirs under CWC monitoring having total live storage capacity of 18.01 BCM. As per Reservoir Storage Bulletin dated **06.07.2016**, the total live storage available in these reservoirs is **4.77 BCM** which is **27%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **44%** and average storage of last ten years during corresponding period was **34%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year and is also less than the average storage of last ten years during the corresponding period.

### b) EASTERN REGION

The Eastern region includes States of Jharkhand, Odisha, West Bengal and Tripura. There are 15 reservoirs under CWC monitoring having total live storage capacity of 18.83 BCM. As per Reservoir Storage Bulletin dated **06.07.2016**, the total live storage available in these reservoirs is **3.50 BCM** which is **19%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **29%** and average storage of last ten years during corresponding period was **19%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year but is equal to the average storage of last ten years during the corresponding period.

### c) WESTERN REGION

The Western region includes States of Gujarat and Maharashtra. There are 27 reservoirs under CWC monitoring having total live storage capacity of 27.07 BCM. As per Reservoir Storage Bulletin dated **06.07.2016**, the total live storage available in these reservoirs is **3.16 BCM** which is **12%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **26%** and average storage of last ten years during corresponding period was **26%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the storage of last year and is also less than the average storage of last ten years during the corresponding period.

### d) CENTRAL REGION

The Central region includes States of Uttar Pradesh, Uttarakhand, Madhya Pradesh and Chhattisgarh. There are 12 reservoirs under CWC monitoring having total live storage capacity of 42.30 BCM. As per Reservoir Storage Bulletin dated

**06.07.2016**, the total live storage available in these reservoirs is **9.22 BCM** which is **22%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **31%** and average storage of last ten years during corresponding period was **17%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the storage of last year but better than the average storage of last ten years during the corresponding period.

e) **SOUTHERN REGION**

The Southern region includes States of Andhra Pradesh, Telangana, AP&TG (2 combined projects in both states) Karnataka, Kerala and Tamil Nadu. There are 31 reservoirs under CWC monitoring having total live storage capacity of 51.59 BCM. As per Reservoir Storage Bulletin dated **06.07.2016**, the total live storage available in these reservoirs is **7.55 BCM** which is **15%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **35%** and average storage of last ten years during corresponding period was **28%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year and is also less than the average storage of last ten years during the corresponding period.

The region wise and reservoir wise details are given in the following pages of the Bulletin.

**BROAD ANALYSIS OF OTHER TABLES IN THE BULLETIN**

- Normal storage means average storage of last ten years, Close to normal storage means where shortfall is upto 20% of normal, deficient storage is where shortfall is more than 20% of the normal and upto 60% of the normal, highly deficient means where shortfall is more than 60% of normal.
- In the table on page 8, better than normal storage is available in Ganga, Sabarmati and Narmada. Close to Normal in Godavari and West Flowing rivers of South. Deficient in Indus, Mahi, Rivers of Kutch, Mahanadi & neighbouring East Flowing Rivers and Cauvery & neighbouring EFRs and Highly Deficient in Tapi and Krishna basin.
- Table on page 5-7 of the bulletin. The numbers of reservoirs having storage more than last year are **16** and reservoirs having storage more than average of last ten years are **22**. The numbers of reservoirs having storage less than 20% with respect to last year is **12** and having storage less than 20% with reference to average of last ten years is **10**. The number of reservoirs having storage less than or equal to 50% with respect to last year are **42** and having storage less than or equal to 50% with reference to average of last ten years are **35**.

**STORAGE STATUS OF IMPORTANT RESERVOIRS IN THE COUNTRY**

**AS ON 06.07.2016**

- Central Water Commission is monitoring storage status of 91 important reservoirs spread all over the country, in which 37 reservoirs have hydropower benefit each with installed capacity of more than 60 MW. These reservoirs are identified thus(\*) in the enclosed weekly report.
- The total live storage in 91 important reservoirs in different parts of the country, monitored by CWC as on **06.07.2016** is **28.208** BCM ( **18** percent of the live storage capacity at FRL ).The current year's storage is nearly **55** percent of last year's storage and **74** percent of the average of last ten years.

**3 Region wise storage status:-**

| REGION (States),<br>(Monitoring No. of Reservoirs)                       | Filling position of 91 reservoirs w.r.t. FRL |         |         |         |         |         |         |             | Departure from Normal storage |       |
|--|--|---------|---------|---------|---------|---------|---------|-------------|-------------------------------|-------|
|  | 100%   | 91%-99% | 81%-90% | 71%-80% | 61%-70% | 51%-60% | 41%-50% | 40% & below |                               |       |
| <b>NORTH</b><br>(HP, Punjab & Rajasthan),<br>(6 Resv.)                   | -  | -       | -       | -       | -       | 1       | -       | 5           | H.P.                          | -27 % |
|  |  |         |         |         |         |         |         |             | PUNJAB                        | -31 % |
|  |  |         |         |         |         |         |         |             | RAJASTHAN                     | 12 %  |
| <b>EAST</b><br>(Jharkhand, Odisha, Tripura & W. Bengal<br>( 15 Resv.)    | -  | -       | -       | -       | -       | 1       | 1       | 13          | JHARKHAND                     | -19 % |
|  |  |         |         |         |         |         |         |             | ODISHA                        | 3 %   |
|  |  |         |         |         |         |         |         |             | W. BENGAL                     | -17 % |
|  |  |         |         |         |         |         |         |             | TRIPURA                       | 60 %  |
| <b>WEST</b> (Guj.& Mah.),<br>(27 Resv.)                                  | -  | -       | -       | -       | -       | -       | 1       | 26          | GUJARAT                       | -48 % |
|  |  |         |         |         |         |         |         |             | MAH.                          | -62 % |
| <b>CENTRAL</b><br>(MP, UP, Uttarakhand & Chh.),<br>(12 Resv)             | -  | -       | -       | -       | -       | -       | -       | 12          | U.P.                          | 14 %  |
|  |  |         |         |         |         |         |         |             | UTTARAKHAND                   | -20 % |
|  |  |         |         |         |         |         |         |             | M.P.                          | 68 %  |
|  |  |         |         |         |         |         |         |             | CHHATISGARH                   | -34 % |
| <b>SOUTH</b><br>(Karnataka, TN, AP&TG, AP, TG, & Kerala),<br>( 31 Resv.) | -  | -       | -       | 1       | 1       | 1       | -       | 28          | AP&TG                         | -84 % |
|  |  |         |         |         |         |         |         |             | A,P                           | -20 % |
|  |  |         |         |         |         |         |         |             | TG                            | -44 % |
|  |  |         |         |         |         |         |         |             | KARNATAKA                     | -36 % |
|  |  |         |         |         |         |         |         |             | KERALA                        | 1 %   |
|  |  |         |         |         |         |         |         |             | T.N.                          | -63 % |
| Status of 91 reservoirs  | 0  | 0       | 0       | 1       | 1       | 3       | 2       | 84          |                               |       |

**4 Basin wise storage position:**

**Better than normal:** Ganga, Sabarmati and Narmada.

**Close to normal:** Godavari and West Flowing rivers of south.

**Deficient:** Indus, Mahi, Rivers of Kutch, Mahanadi & Neighbouring EFRS and Cauvery & neighbouring EFRS

**Highly deficient:** Tapi and Krishna.

- 5 Out of 91 reservoirs, **34** reservoirs reported more than 80% of normal storage & **57** reservoirs reported 80% or below of normal storage. Out of these **57** reservoirs **35** having storage upto 50% of normal storage.

| Name of reservoir  | %  | Name of reservoir | %  | Name of reservoir | %  |
|--------------------|----|-------------------|----|-------------------|----|
| NAGARJUNA SAGAR    | 0  | KOYANA            | 22 | PERIYAR           | 43 |
| BHIMA(UJJANI)      | 0  | VAIGAI            | 25 | TUNGABHADRA       | 43 |
| JAYAKWADI(PAITHON) | 0  | DUDHGANGA         | 26 | RAMGANGA          | 43 |
| GIRNA              | 0  | UKAI              | 28 | KADANA            | 43 |
| YELDARI            | 0  | SRISAILAM         | 33 | PANCHET HILL      | 44 |
| MALAPRABHA(RENUKA) | 0  | METTUR(STANLEY)   | 34 | LOWER MANAIR      | 46 |
| ISAPUR             | 10 | LOWER BHAWANI     | 35 | MALAMPUZHA        | 46 |
| RENGALI            | 16 | PENCH (TOTALADOH) | 35 | MAITHON           | 46 |
| SALANADI           | 17 | GHATAPRABHA       | 35 | VANIVILAS SAGAR   | 46 |
| BHADAR             | 20 | JHAKAM            | 36 | MATATILA          | 47 |
| KARJAN             | 21 | NARAYANPUR        | 39 | BARNA             | 47 |
| ALMATTI            | 22 | PARAMBIKULAM      | 40 |                   |    |

|   |            |            |
|---|------------|------------|
| <b>22</b> reservoirs having storage 51% to 80% of normal storage. |            |            |
| 51% to 60%  | 61% to 70% | 71% to 80% |
| 7   | 9          | 6          |

- 6 Out of 37 reservoirs with significant(\*) hydropower generation, the storage build up is less than or equal to normal in  
 NOTE : **Normal:** Average of previous ten years, **Close to normal:** Where shortfall is up to 20% of the normal, **Deficient:** Where shortfall is more than 20% of the normal and up to 60% of the normal, **Highly deficient :** Where shortfall is more than 60% of the normal

**26** reservoirs.

## WEEKLY REPORT - BASINWISE

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 06.07.2016

| NAME OF BASIN                | LIVE CAP. AT FRL | THIS YEAR'S STORAGE |        | LAST YEAR'S STORAGE |        | LAST 10 YEARS' AVG. STORAGE |        | % DEPARTURE W.R.T. AVE. OF 10 YEARS' |
|------------------------------|------------------|---------------------|--------|---------------------|--------|-----------------------------|--------|--------------------------------------|
|                              |                  |                     |        |                     |        |                             |        |                                      |
| GANGA                        | 28.096           | 7.735               | 27.53% | 9.370               | 33.35% | 5.575                       | 19.84% | <b>38.74</b>                         |
| INDUS                        | 14.730           | 3.586               | 24.34% | 7.048               | 47.85% | 4.998                       | 33.93% | <b>-28.25</b>                        |
| NARMADA                      | 17.414           | 2.837               | 16.29% | 3.578               | 20.55% | 2.551                       | 14.65% | <b>11.21</b>                         |
| TAPI                         | 7.394            | 0.559               | 7.56%  | 1.557               | 21.06% | 1.699                       | 22.98% | <b>-67.10</b>                        |
| MAHI                         | 4.012            | 0.810               | 20.19% | 1.717               | 42.80% | 1.397                       | 34.82% | <b>-42.02</b>                        |
| SABARMATI                    | 0.735            | 0.161               | 21.90% | 0.170               | 23.13% | 0.160                       | 21.77% | <b>0.63</b>                          |
| RIVERS OF KUTCH              | 0.887            | 0.075               | 8.46%  | 0.312               | 35.17% | 0.105                       | 11.84% | <b>-28.57</b>                        |
| GODAVARI                     | 15.394           | 2.432               | 15.80% | 3.926               | 25.50% | 2.784                       | 18.08% | <b>-12.64</b>                        |
| KRISHNA                      | 32.831           | 2.393               | 7.29%  | 10.533              | 32.08% | 8.829                       | 26.89% | <b>-72.90</b>                        |
| MAHANADI & NEIGHBOURING EFRS | 13.181           | 1.656               | 12.56% | 4.023               | 30.52% | 2.856                       | 21.67% | <b>-42.02</b>                        |
| CAUVERY & NEIGHBOURING EFRS  | 8.359            | 1.842               | 22.04% | 4.063               | 48.61% | 3.157                       | 37.77% | <b>-41.65</b>                        |
| WEST FLOWING RIVERS OF SOUTH | 14.766           | 4.122               | 27.92% | 5.010               | 33.93% | 4.193                       | 28.40% | <b>-1.69</b>                         |
| <b>TOTAL</b>                 | <b>157.799</b>   | <b>28.208</b>       |        | <b>51.307</b>       |        | <b>38.304</b>               |        |                                      |
| <b>PERCENTAGE</b>            |                  |                     |        |                     |        |                             |        | <b>-26.36</b>                        |

## WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 06.07.2016

| S. NO                          | NAME OF RESERVOIR    | FRL (m) | CURRENT RESERVOIR LEVEL (m) | LIVE CAPACITY AT FRL (BCM) | CURRENT LIVE STORAGE (BCM) | DATE       | STORAGE AS % OF LIVE CAPACITY AT FRL |           |                       | BENEFITS             |             |
|--------------------------------|----------------------|---------|-----------------------------|----------------------------|----------------------------|------------|--------------------------------------|-----------|-----------------------|----------------------|-------------|
|                                |                      |         |                             |                            |                            |            | CURRENT YEAR                         | LAST YEAR | LAST 10 YEARS AVERAGE | IRR. (CCA) IN TH. HA | HYDEL IN MW |
| 1                              | 2                    | 4       | 6                           | 5                          | 7                          | 8          | 9                                    | 10        | 11                    | 3A                   | 3B          |
| <b><u>NORTHERN REGION</u></b>  |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b><u>HIMACHAL PRADESH</u></b> |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *1                             | GOBIND SAGAR(BHAKRA) | 512.06  | 480.90                      | 6.229                      | 1.977                      | 06-07-2016 | 32                                   | 46        | 36                    | 676                  | 1200        |
| *2                             | PONG DAM             | 423.67  | 394.37                      | 6.157                      | 0.792                      | 06-07-2016 | 13                                   | 37        | 25                    | -                    | 360         |
| <b><u>PUNJAB</u></b>           |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *3                             | THEIN                | 527.91  | 504.06                      | 2.344                      | 0.817                      | 06-07-2016 | 35                                   | 82        | 51                    | 348                  | 600         |
| <b><u>RAJASTHAN</u></b>        |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *4                             | MAHI BAJAJ SAGAR     | 280.75  | 266.75                      | 1.711                      | 0.369                      | 06-07-2016 | 22                                   | 33        | 26                    | 63                   | 140         |
| 5                              | JHAKAM               | 359.50  | 337.35                      | 0.132                      | 0.009                      | 06-07-2016 | 7                                    | 17        | 17                    | 28                   | -           |
| *6                             | RANA PRATAP SAGAR    | 352.81  | 349.40                      | 1.436                      | 0.809                      | 06-07-2016 | 56                                   | 21        | 41                    | 229                  | 172         |
| <b><u>EASTERN REGION</u></b>   |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b><u>JHARKHAND</u></b>        |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 7                              | TENUGHAT             | 269.14  | 259.13                      | 0.821                      | 0.383                      | 06-07-2016 | 47                                   | 36        | 36                    | -                    | -           |
| 8                              | MAITHON              | 146.3   | 137.99                      | 0.471                      | 0.096                      | 06-07-2016 | 20                                   | 33        | 45                    | 342                  | -           |
| *9                             | PANCHET HILL         | 124.97  | 121.74                      | 0.184                      | 0.055                      | 06-07-2016 | 30                                   | 61        | 68                    | \$                   | 80          |
| 10                             | KONAR                | 425.81  | 417.17                      | 0.176                      | 0.050                      | 06-07-2016 | 28                                   | 23        | 38                    | \$                   | -           |
| 11                             | TILAIYA              | 368.81  | 364.89                      | 0.142                      | 0.027                      | 06-07-2016 | 19                                   | 35        | 36                    | \$                   | 4           |
| <b><u>ODISHA</u></b>           |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *12                            | HIRAKUD              | 192.02  | 181.81                      | 5.378                      | 0.433                      | 05-07-2016 | 8                                    | 16        | 12                    | 153                  | 307         |
| *13                            | BALIMELA             | 462.08  | 450.71                      | 2.676                      | 1.026                      | 05-07-2016 | 38                                   | 51        | 14                    | -                    | 360         |
| 14                             | SALANADI             | 82.30   | 55.60                       | 0.558                      | 0.029                      | 05-07-2016 | 5                                    | 40        | 30                    | 42                   | -           |
| *15                            | RENGALI              | 123.50  | 110.03                      | 3.432                      | 0.048                      | 05-07-2016 | 1                                    | 18        | 9                     | 3                    | 200         |
| *16                            | MACHKUND(JALPUT)     | 838.16  | 827.32                      | 0.893                      | 0.231                      | 05-07-2016 | 26                                   | 45        | 37                    | -                    | 115         |
| *17                            | UPPER KOLAB          | 858.00  | 848.94                      | 0.935                      | 0.225                      | 05-07-2016 | 24                                   | 43        | 20                    | 89                   | 320         |
| *18                            | UPPER INDRAVATI      | 642.00  | 630.71                      | 1.456                      | 0.393                      | 04-07-2016 | 27                                   | 33        | 20                    | 128                  | 600         |
| <b><u>WEST BENGAL</u></b>      |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 19                             | MAYURAKSHI           | 121.31  | 113.11                      | 0.480                      | 0.150                      | 06-07-2016 | 31                                   | 33        | 32                    | 227                  | -           |
| 20                             | KANGSABATI           | 134.14  | 122.94                      | 0.914                      | 0.189                      | 06-07-2016 | 21                                   | 23        | 28                    | 341                  | -           |
| <b><u>TRIPURA</u></b>          |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 21                             | GUMTI                | 93.55   | 90.20                       | 0.312                      | 0.166                      | 05-07-2016 | 53                                   | 33        | 33                    | -                    | 15          |
| <b><u>WESTERN REGION</u></b>   |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b><u>GUJARAT</u></b>          |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *22                            | UKAI                 | 105.16  | 86.57                       | 6.615                      | 0.515                      | 05-07-2016 | 8                                    | 22        | 24                    | 348                  | 300         |
| 23                             | SABARMATI(DHAROI)    | 189.59  | 181.76                      | 0.735                      | 0.161                      | 06-07-2016 | 22                                   | 23        | 22                    | 95                   | 1           |
| *24                            | KADANA               | 127.7   | 115.52                      | 1.472                      | 0.284                      | 06-07-2016 | 19                                   | 52        | 44                    | 200                  | 120         |
| 25                             | SHETRUNJI            | 55.53   | 50.42                       | 0.300                      | 0.059                      | 06-07-2016 | 20                                   | 93        | 18                    | 36                   | -           |
| 26                             | BHADAR               | 107.89  | 99.60                       | 0.188                      | 0.007                      | 06-07-2016 | 4                                    | 9         | 19                    | 27                   | -           |
| 27                             | DAMANAGANGA          | 79.86   | 69.15                       | 0.502                      | 0.108                      | 05-07-2016 | 22                                   | 27        | 16                    | 51                   | 1           |
| 28                             | DANTIWADA            | 184.1   | 164.79                      | 0.399                      | 0.009                      | 06-07-2016 | 2                                    | 4         | 4                     | 45                   | -           |
| 29                             | PANAM                | 127.41  | 117.70                      | 0.697                      | 0.148                      | 06-07-2016 | 21                                   | 50        | 39                    | 36                   | 2           |
| *30                            | SARDAR SAROVAR       | 121.92  | 115.18                      | 1.566                      | 0.530                      | 06-07-2016 | 34                                   | 45        | 37                    | 2120                 | 1450        |
| 31                             | KARJAN               | 115.25  | 86.89                       | 0.523                      | 0.039                      | 05-07-2016 | 7                                    | 33        | 35                    | 51                   | 3           |

## WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 06.07.2016

| S. NO                  | NAME OF RESERVOIR  | FRL (m) | CURRENT RESERVOIR LEVEL (m) | LIVE CAPACITY AT FRL (BCM) | CURRENT LIVE STORAGE (BCM) | DATE       | STORAGE AS % OF LIVE CAPACITY AT FRL |           |                       | BENEFITS             |             |
|------------------------|--------------------|---------|-----------------------------|----------------------------|----------------------------|------------|--------------------------------------|-----------|-----------------------|----------------------|-------------|
|                        |                    |         |                             |                            |                            |            | CURRENT YEAR                         | LAST YEAR | LAST 10 YEARS AVERAGE | IRR. (CCA) IN TH. HA | HYDEL IN MW |
| 1                      | 2                  | 4       | 6                           | 5                          | 7                          | 8          | 9                                    | 10        | 11                    | 3A                   | 3B          |
| <b>MAHARASHTRA</b>     |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 32                     | JAYAKWADI(PAITHON) | 463.91  | 453.46                      | 2.171                      | 0.000                      | 06-07-2016 | 0                                    | 1         | 14                    | 227                  | -           |
| *33                    | KOYANA             | 657.90  | 626.36                      | 2.652                      | 0.272                      | 05-07-2016 | 10                                   | 44        | 41                    | -                    | 1920        |
| 34                     | BHIMA(UJJANI)      | 496.83  | 485.83                      | 1.517                      | 0.000                      | 05-07-2016 | 0                                    | 0         | 13                    | 125                  | 12          |
| 35                     | ISAPUR             | 441.00  | 426.38                      | 0.965                      | 0.027                      | 05-07-2016 | 3                                    | 22        | 28                    | 104                  | -           |
| 36                     | MULA               | 552.30  | 536.65                      | 0.609                      | 0.030                      | 29-06-2016 | 5                                    | 5         | 6                     | 139                  | -           |
| 37                     | YELDARI            | 461.77  | 446.18                      | 0.809                      | 0.000                      | 05-07-2016 | 0                                    | 1         | 12                    | 78                   | -           |
| 38                     | GIRNA              | 398.07  | 379.53                      | 0.524                      | 0.000                      | 05-07-2016 | 0                                    | 9         | 10                    | 79                   | -           |
| 39                     | KHADAKVASLA        | 582.47  | 579.91                      | 0.056                      | 0.024                      | 05-07-2016 | 43                                   | 54        | 39                    | 78                   | 8           |
| *40                    | UPPER VAITARNA     | 603.50  | 595.00                      | 0.331                      | 0.091                      | 05-07-2016 | 27                                   | 27        | 32                    | -                    | 61          |
| 41                     | UPPER TAPI         | 214.00  | 209.34                      | 0.255                      | 0.044                      | 05-07-2016 | 17                                   | 23        | 29                    | 45                   | -           |
| *42                    | PENCH (TOTALADOH)  | 490.00  | 469.21                      | 1.091                      | 0.080                      | 05-07-2016 | 7                                    | 18        | 21                    | 127                  | 160         |
| 43                     | UPPER WARDHA       | 342.50  | 336.57                      | 0.564                      | 0.158                      | 05-07-2016 | 28                                   | 52        | 38                    | 70                   | -           |
| 44                     | BHATSA             | 142.07  | 114.36                      | 0.942                      | 0.356                      | 05-07-2016 | 38                                   | 34        | 36                    | 29.378               | 15          |
| 45                     | DHOM               | 747.70  | 729.71                      | 0.331                      | 0.087                      | 05-07-2016 | 26                                   | 44        | 31                    | 36.2                 | 2           |
| 46                     | DUDHGANGA          | 646.00  | 617.80                      | 0.664                      | 0.062                      | 05-07-2016 | 9                                    | 39        | 34                    | 2.441                | 24          |
| 47                     | MANIKDOH (KUKADI)  | 711.25  | 684.90                      | 0.288                      | 0.027                      | 05-07-2016 | 9                                    | 9         | 7                     | 2.2                  | 6           |
| 48                     | BHANDARDARA        | 342.50  | 336.57                      | 0.304                      | 0.045                      | 05-07-2016 | 28                                   | 52        | 38                    | 70                   | -           |
| <b>CENTRAL REGION</b>  |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b>UTTAR PRADESH</b>   |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 49                     | MATATILA           | 308.46  | 302.24                      | 0.707                      | 0.117                      | 05-07-2016 | 17                                   | 53        | 35                    | -                    | 30          |
| *50                    | RIHAND             | 268.22  | 255.49                      | 5.649                      | 0.696                      | 06-07-2016 | 12                                   | 9         | 8                     | -                    | 300         |
| <b>UTTRAKHAND</b>      |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *51                    | RAMGANGA           | 365.30  | 327.00                      | 2.196                      | 0.251                      | 06-07-2016 | 11                                   | 64        | 26                    | 1897                 | 198         |
| *52                    | TEHRI              | 830.00  | 763.30                      | 2.615                      | 0.473                      | 06-07-2016 | 18                                   | 11        | 13                    | 2351                 | 1000        |
| <b>MADHYA PRADESH</b>  |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *53                    | GANDHI SAGAR       | 399.90  | 391.33                      | 6.827                      | 2.427                      | 05-07-2016 | 36                                   | 40        | 15                    | 220                  | 115         |
| 54                     | TAWA               | 355.40  | 341.32                      | 1.944                      | 0.335                      | 06-07-2016 | 17                                   | 32        | 28                    | 247                  | -           |
| *55                    | BARGI              | 422.76  | 411.80                      | 3.180                      | 0.895                      | 06-07-2016 | 28                                   | 23        | 13                    | 157                  | 90          |
| *56                    | BANSAGAR           | 341.64  | 332.79                      | 5.166                      | 1.846                      | 05-07-2016 | 36                                   | 52        | 21                    | 488                  | 425         |
| *57                    | INDIRA SAGAR       | 262.13  | 246.78                      | 9.745                      | 0.999                      | 06-07-2016 | 10                                   | 13        | 8                     | 2380                 | 1000        |
| 58                     | BARNA              | 348.55  | 339.76                      | 0.456                      | 0.039                      | 05-07-2016 | 9                                    | 22        | 18                    | 546                  | -           |
| <b>CHHATTIS GARH</b>   |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *59                    | MINIMATA BANGOI    | 359.66  | 345.55                      | 3.046                      | 0.956                      | 05-07-2016 | 31                                   | 70        | 47                    | -                    | 120         |
| 60                     | MAHANADI           | 348.70  | 340.77                      | 0.767                      | 0.190                      | 05-07-2016 | 25                                   | 21        | 39                    | 319                  | 10          |
| <b>SOUTHERN REGION</b> |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b>A.P &amp; TG</b>    |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *61                    | SRISAILAM          | 269.75  | 239.88                      | 8.288                      | 0.557                      | 06-07-2016 | 7                                    | 30        | 20                    | 0                    | 770         |
| *62                    | NAGARJUNA SAGAR    | 179.83  | 153.71                      | 6.841                      | 0.000                      | 06-07-2016 | 0                                    | 2         | 27                    | 895                  | 810         |
| <b>ANDHRA PRADESH</b>  |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 63                     | SOMASILA           | 100.58  | 86.31                       | 1.994                      | 0.429                      | 06-07-2016 | 22                                   | 14        | 27                    | 168                  | 0           |
| <b>TELANGANA</b>       |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 64                     | SRIRAMSAGAR        | 332.54  | 319.49                      | 2.300                      | 0.149                      | 06-07-2016 | 6                                    | 14        | 10                    | 411                  | 27          |
| 65                     | LOWER MANAIR       | 280.42  | 267.22                      | 0.621                      | 0.068                      | 06-07-2016 | 11                                   | 19        | 24                    | 199                  | 60          |

## WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 06.07.2016

| S. NO                    | NAME OF RESERVOIR      | FRL (m) | CURRENT RESERVOIR LEVEL (m) | LIVE CAPACITY AT FRL (BCM) | CURRENT LIVE STORAGE (BCM) | DATE       | STORAGE AS % OF LIVE CAPACITY AT FRL |           |                       | BENEFITS             |             |
|--------------------------|------------------------|---------|-----------------------------|----------------------------|----------------------------|------------|--------------------------------------|-----------|-----------------------|----------------------|-------------|
|                          |                        |         |                             |                            |                            |            | CURRENT YEAR                         | LAST YEAR | LAST 10 YEARS AVERAGE | IRR. (CCA) IN TH. HA | HYDEL IN MW |
| 1                        | 2                      | 4       | 6                           | 5                          | 7                          | 8          | 9                                    | 10        | 11                    | 3A                   | 3B          |
| <b><u>KARNATAKA</u></b>  |                        |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 66                       | KRISHNARAJA SAGRA      | 752.50  | 741.31                      | 1.163                      | 0.296                      | 06-07-2016 | 25                                   | 63        | 34                    | 79                   | -           |
| *67                      | TUNGABHADRA            | 497.74  | 486.56                      | 3.276                      | 0.438                      | 06-07-2016 | 13                                   | 100       | 31                    | 529                  | 72          |
| 68                       | GHATAPRABHA            | 662.95  | 636.03                      | 1.391                      | 0.112                      | 06-07-2016 | 8                                    | 22        | 23                    | 317                  | -           |
| 69                       | BHADRA                 | 657.76  | 641.68                      | 1.785                      | 0.398                      | 06-07-2016 | 22                                   | 45        | 41                    | 106                  | 39          |
| 70                       | LINGANAMAKKI           | 554.43  | 540.01                      | 4.294                      | 1.187                      | 06-07-2016 | 28                                   | 26        | 26                    | -                    | 55          |
| 71                       | NARAYANPUR             | 492.25  | 486.14                      | 0.863                      | 0.151                      | 06-07-2016 | 17                                   | 33        | 44                    | 425                  | -           |
| 72                       | MALAPRABHA(RENUKA)     | 633.83  | 619.25                      | 0.972                      | 0.000                      | 06-07-2016 | 0                                    | 19        | 15                    | 215                  | -           |
| 73                       | KABINI(Sancherla Tank) | 696.16  | 689.98                      | 0.444                      | 0.140                      | 06-07-2016 | 32                                   | 95        | 41                    | 85                   | -           |
| 74                       | HEMAVATHY              | 890.63  | 879.24                      | 0.927                      | 0.289                      | 06-07-2016 | 31                                   | 69        | 39                    | 265                  | -           |
| 75                       | HARANGI                | 871.42  | 868.34                      | 0.220                      | 0.148                      | 06-07-2016 | 67                                   | 49        | 54                    | 53                   | -           |
| 76                       | SUPA                   | 564.00  | 528.14                      | 4.120                      | 0.987                      | 06-07-2016 | 24                                   | 35        | 25                    | -                    | -           |
| 77                       | VANIVILAS SAGAR        | 652.28  | 634.36                      | 0.802                      | 0.046                      | 06-07-2016 | 6                                    | 6         | 12                    | 123                  | -           |
| *78                      | ALMATTI                | 519.60  | 507.60                      | 3.105                      | 0.219                      | 06-07-2016 | 7                                    | 45        | 32                    | @                    | 290         |
| *79                      | GERUSOPPA              | 55.00   | 48.63                       | 0.130                      | 0.095                      | 06-07-2016 | 73                                   | 82        | 77                    | 83                   | 240         |
| <b><u>KERALA</u></b>     |                        |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 80                       | KALLADA(PARAPPAR)      | 115.82  | 105.64                      | 0.507                      | 0.276                      | 05-07-2016 | 54                                   | 25        | 32                    | 62                   | -           |
| *81                      | IDAMALAYAR             | 169.00  | 137.14                      | 1.018                      | 0.256                      | 06-07-2016 | 25                                   | 35        | 28                    | 33                   | 75          |
| *82                      | IDUKKI                 | 732.43  | 708.72                      | 1.460                      | 0.389                      | 06-07-2016 | 27                                   | 45        | 27                    | -                    | 780         |
| *83                      | KAKKI                  | 981.46  | 958.51                      | 0.447                      | 0.170                      | 06-07-2016 | 38                                   | 34        | 32                    | 23                   | 300         |
| *84                      | PERIYAR                | 867.41  | 860.56                      | 0.173                      | 0.034                      | 06-07-2016 | 20                                   | 66        | 46                    | 84                   | 140         |
| 85                       | MALAPMUZHA             | 867.41  | 860.56                      | 0.224                      | 0.042                      | 06-07-2016 | 20                                   | 66        | 46                    | 84                   | 140         |
| <b><u>TAMIL NADU</u></b> |                        |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 86                       | LOWER BHAWANI          | 278.89  | 264.16                      | 0.792                      | 0.137                      | 06-07-2016 | 17                                   | 66        | 50                    | 105                  | 8           |
| *87                      | METTUR(STANLEY)        | 240.79  | 217.46                      | 2.647                      | 0.394                      | 06-07-2016 | 15                                   | 49        | 43                    | 122                  | 360         |
| 88                       | VAIGAI                 | 279.20  | 266.26                      | 0.172                      | 0.009                      | 06-07-2016 | 5                                    | 30        | 20                    | 61                   | 6           |
| 89                       | PARAMBIKULAM           | 556.26  | 538.91                      | 0.380                      | 0.062                      | 06-07-2016 | 16                                   | 23        | 41                    | 101                  | -           |
| 90                       | ALIYAR                 | 320.04  | 307.54                      | 0.095                      | 0.024                      | 06-07-2016 | 25                                   | 84        | 45                    | #                    | 60          |
| *91                      | SHOLAYAR               | 1002.79 | 982.75                      | 0.143                      | 0.045                      | 06-07-2016 | 31                                   | 71        | 52                    | -                    | 95          |
| TOTAL FOR 91 RESERVOIRS  |                        |         |                             | <b>157.799</b>             | <b>28.208</b>              |            |                                      |           |                       |                      |             |
| PERCENTAGE               |                        |         |                             |                            |                            |            | <b>18</b>                            | <b>33</b> | <b>24</b>             |                      |             |

Sd/-

Director

W. M. , CWC

\* HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

# TOTAL CCA 101 TH. HA OF PARAMBIKULAM &amp; ALIYAR

@ TOTAL CCA 425 TH. HA. OF NARAYANPUR AND ALMATTI

† SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

SI. No. 30th The FRL of S.S.P. 138.38 M and Live capacity at FRL will be 5.760 BCM. However at present the lowest block of the dam is at the level of 121.92 M. and the live capacity at this level is 1.566 BCM