# BRIEF NOTE ON STORAGE STATUS OF 91 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 10.12.2015)

### 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 10.12.2015, live storage available in these reservoirs is 80.263 BCM, which is 51% of total live storage capacity of these reservoirs. This storage is 80% of the storage of corresponding period of last year and 76% 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 10.12.2015, the total live storage available in these reservoirs is 11.37 BCM which is 63% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 57% and average storage of last ten years during corresponding period was 64% of live storage capacity of these reservoirs. Thus, storage during current year is better than the corresponding period of last year but is 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 reservoirsunder CWC monitoring having total live storage capacity of 18.83 BCM. As per Reservoir Storage Bulletin dated 10.12.2015, the total live storage available in these reservoirs is 11.26 BCM which is 60% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 77% and average storage of last ten years during corresponding period was 72% 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.

### 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 10.12.2015, the total live storage available in these reservoirs is 12.44 BCM which is 46% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 65% and average storage of last ten years during corresponding period was 73% 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 **10.12.15**, the total live storage available in these reservoirs is **27.43** BCM which is

65% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 72% and average storage of last ten years during corresponding period was 58% of live storage capacity of these reservoirs. Thus, storage during current year is less than the storage of last year but is 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(2combined 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 10.12.2015, the total live storage available in these reservoirs is 17.77 BCM which is 34% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 53% and average storage of last ten years during corresponding period was 69% 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, Indus, Narmada, Sabarmati and Rivers of Kutch. Close to Normal in Mahi and Cauvery & neighbouring EFRs. Deficient in Tapi, Godavari, Mahanadi & neighbouring East Flowing Rivers and West Flowing rivers of South and Highly Deficient in Krishna basin.
- Table on page 5-7 of the bulletin. The numbers of reservoirs having storagemore than last year are 16 and reservoirs having storage more than average of last ten years are 25. The numbers of reservoirs having storage less than 20% with respect to last year is 6 and having storage less than 20% with reference to average of last ten years is 8. The number of reservoirs having storage less than or equal to 50% with respect to last year are 19 and having storage less than or equal to 50% with reference to average of last ten years are 25.

States having better storage (in %) than last year for corresponding period: Himachal Pradesh, Andhra Pradesh and Tripura.

States having equal storage (in %) to last year for corresponding period: NIL

States having lesser storage (in %) than last year for corresponding period: Punjab, Rajasthan, Jharkhand, Odisha, West Bengal, Gujarat, Maharashtra, Uttar Pradesh, Uttarakhand, Madhya Pradesh, Chhattisgarh, AP&TG (2combined project in both states), Telangana, Karnataka, Kerala and Tamil Nadu.

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### STORAGE STATUS OF IMPORTANT RESERVOIRS IN THE COUNTRY

- 1 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.
- 2 The total live storage in 91 important reservoirs in different parts of the country, monitored by CWC as on
   10.12.2015 is 80.263 BCM ( 51 percent of the live storage capacity at FRL ). The current year's storage is nearly 80 percent of last year's storage and 76 percent of the average of last ten years.

3 Region wise storage status:-

|   |      | Filling     | positio     | n of 91     | reserv      | oirs w      | .r.t. FR    | L              |   |   |  |
|---|------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|---|---|--|
| REGION (States),<br>(Monitoring No. of<br>Reservoirs)             | 100% | 91%-<br>99% | 81%-<br>90% | 71%-<br>80% | 61%-<br>70% | 51%-<br>60% | 41%-<br>50% | 40% &<br>below | Departure fr<br>stor                              |   |  |
| NORTH<br>(HP,Punjab & Rajasthan),<br>(6 Resv.)                    | ı    | ı           | 1           | 2           | 2           | -           | -           | 2              | H.P.<br>PUNJAB<br>RAJASTHAN                       | 6 %<br>-31 %<br>-15 %                             |  |
| <b>EAST</b> (Jharkhand,Odisha, Tripura & W.Bengal ( 15 Resv.)     | 1    | 1           | 2           | 4           | 1           | 1           | 2           | 5              | JHARKHAND<br>ODISHA<br>W. BENGAL<br>TRIPURA       | -33 %<br>-15 %<br>-48 %<br>126 %                  |  |
| WEST (Guj.& Mah.),<br>(27 Resv.)                                  | 1    | -           | 3           | 1           | 5           | 7           | 3           | 8              | GUJARAT<br>MAH.                                   | -22 %<br>-51 %                                    |  |
| CENTRAL<br>(MP,UP,Uttarakhand & Chh.),<br>(12 Resv)               | ,    | 1           | 1           | 1           | 4           | 2           | 2           | 1              | U.P.<br>UTTARAKHAND<br>M.P.<br>CHHATISGARH        | -18 %<br>-7 %<br>30 %<br>-33 %                    |  |
| SOUTH<br>(Karnataka,TN,AP&TG,AP,<br>TG, & Kerala),<br>( 31 Resv.) | 2    | 3           | -           | 4           | 2           | 5           | 2           | 13             | AP&TG<br>A,P<br>TG<br>KARNATAKA<br>KERALA<br>T.N. | -85 %<br>38 %<br>-84 %<br>-47 %<br>-15 %<br>-13 % |  |
| Status of 91 reservoirs   | 2    | 4           | 6           | 12          | 14          | 15          | 9           | 29             |   | - 111   |  |

#### 4 Basin wise storage position:

Better than normal: Ganga, Indus, Narmada, Sabarmati, Rivers of Kutch.

Close to normal: Mahi and Cauvery & neighbouring EFRS.

Deficient: Tapi, Godavari, Mahanadi & Neighbouring EFRS, and West Flowing rivers of south.

Highly deficient: Krishna.

5 Out of 91 reservoirs, 41 reservoirs reported more than 80% of normal storage & 50 reservoirs reported 80% or below of normal storage. Out of these 50 reservoirs 25 having storage upto 50% of normal

storage.

| Name of reservoir  | %  | Name of reservoir | %  | Name of reservoir | %  |
|--------------------|----|-------------------|----|-------------------|----|
| NAGARJUNA SAGAR    | 0  | MALAPRABHA(RENUKA | 25 | TUNGABHADRA       | 44 |
| BHIMA(UJJANI)      | 0  | SRISAILAM         | 25 | MANIKDOH          | 44 |
| HARANGI            | 8  | ALMATTI           | 25 | MAYURAKSHI        | 47 |
| GIRNA              | 9  | HEMAVATHY         | 30 | NARAYANPUR        | 50 |
| SALANADI           | 13 | MAITHON           | 38 | RANA PRATAP SAGAR | 50 |
| SRIRAMSAGAR        | 14 | SHOLAYAR          | 39 |                   |    |
| YELDARI            | 17 | BHANDARDARA       | 39 |                   |    |
| JAYAKWADI(PAITHON) | 19 | ISAPUR            | 39 |                   |    |
| LOWER MANAIR       | 22 | GHATAPRABHA       | 42 |                   |    |
| PANCHET HILL       | 23 | MULA              | 43 |                   |    |

| 25 reservors       |     |     |  |  |  |  |  |  |
|--------------------|-----|-----|--|--|--|--|--|--|
| having storage 51% |     |     |  |  |  |  |  |  |
| to 80% of normal   |     |     |  |  |  |  |  |  |
| storage.           |     |     |  |  |  |  |  |  |
| 51%                | 61% | 71% |  |  |  |  |  |  |
| to                 | to  | to  |  |  |  |  |  |  |
| 60%                | 70% | 80% |  |  |  |  |  |  |
| 4                  | 12  | 9   |  |  |  |  |  |  |
|                    |     |     |  |  |  |  |  |  |

<sup>6</sup> Out of 37 reservoirs with significant(\*) hydropower generation, the storage build up is less than or equal to normal in

26 reservoirs.

# WEEKLY REPORT - BASINWISE

# GOVERNMENT OF INDIA

# CENTRAL WATER COMMISSION

|                              | WE           | K ENDING :- | 10.12.201      | 5              |        |                    |                 |  |
|------------------------------|--------------|-------------|----------------|----------------|--------|--------------------|-----------------|--|
| NAME OF BASIN                | LIVE CAP. AT | FRII        | YEAR'S<br>RAGE | LAST Y<br>STOR | _      | LAST 10<br>AVG. ST | YEARS'<br>ORAGE | % DEPARTURE<br>W.R.T. AVE. OF<br>10 YEARS' |
| GANGA                        | 28.096       | 16.693      | 59.41%         | 17.597         | 62.63% | 15.017             | 53.45%          | 11.16                                      |
| INDUS                        | 14.730       | 9.545       | 64.80%         | 8.196          | 55.64% | 9.419              | 63.94%          | 1.34                                       |
| NARMADA                      | 17.414       | 11.903      | 68.35%         | 13.315         | 76.46% | 11.145             | 64.00%          | 6.80                                       |
| TAPI                         | 7.394        | 3.975       | 53.76%         | 4.799          | 64.90% | 5.391              | 72.91%          | -26.27                                     |
| MAHI                         | 4.012        | 2.372       | 59.12%         | 3.143          | 78.34% | 2.830              | 70.54%          | -16.18                                     |
| SABARMATI                    | 0.735        | 0.512       | 69.66%         | 0.392          | 53.33% | 0.461              | 62.72%          | 11.06                                      |
| RIVERS OF KUTCH              | 0.887        | 0.602       | 67.87%         | 0.206          | 23.22% | 0.459              | 51.75%          | 31.15                                      |
| GODAVARI                     | 15.394       | 6.178       | 40.13%         | 9.223          | 59.91% | 10.062             | 65.36%          | -38.60                                     |
| KRISHNA                      | 32.831       | 7.302       | 22.24%         | 15.590         | 47.49% | 23.156             | 70.53%          | -68.47                                     |
| MAHANADI & NEIGHBOURING EFRS | 13.181       | 7.476       | 56.72%         | 10.856         | 82.36% | 10.056             | 76.29%          | -25.66                                     |
| CAUVERY& NEIGHBOURING EFRS   | 8.359        | 5.309       | 63.51%         | 5.646          | 67.54% | 5.582              | 66.78%          | -4.89                                      |
| WEST FLOWING RIVERS OF SOUTH | 14.766       | 8.396       | 56.86%         | 11.431         | 77.41% | 11.467             | 77.66%          | -26.78                                     |
| TOTAL                        | 157.799      | 80.263      |                | 100.394        |        | 105.045            |                 |  |
| PERCENTAGE                   |              |             |                |                |        |                    |                 | -23.59                                     |

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

|          | GOVERNMENT OF INDIA         |                  |                                      | 14/5-                               | K ENDING                         | 40.40.00:5               |                 | CENTRAL V     | VATER COM                   | ER COMMISSION              |                   |  |  |
|----------|-----------------------------|------------------|--------------------------------------|-------------------------------------|----------------------------------|--------------------------|-----------------|---------------|-----------------------------|----------------------------|-------------------|--|--|
|          |                             |                  |                                      |                                     | K ENDING :-                      | 10.12.2015               | STORAGE A       | S % OF LIVE C | APACITY AT                  | BENE                       | FITS              |  |  |
| S.<br>NO | NAME OF RESERVOIR           | FRL<br>(m)       | CURRENT<br>RESERVOIR<br>LEVEL<br>(m) | LIVE<br>CAPACITY AT<br>FRL<br>(BCM) | CURRENT LIVE<br>STORAGE<br>(BCM) | DATE                     | CURRENT<br>YEAR | LAST YEAR     | LAST 10<br>YEARS<br>AVERAGE | IRR.<br>(CCA) IN<br>TH. HA | HYDEL<br>IN<br>MW |  |  |
| 1        | 2                           | 4                | 6                                    | 5                                   | 7                                | 8                        | 9               | 10            | 11                          | 3A                         | 3B                |  |  |
|          | NORTHERN REGION             |                  |                                      |                                     |                                  |                          |                 |               |                             |                            |                   |  |  |
|          | HIMACHAL PRADESH            |                  |                                      |                                     |                                  |                          |                 |               |                             |                            |                   |  |  |
| *1       | GOBIND SAGAR(BHAKRA)        | 512.06           | 505.07                               | 6.229                               | 4.876                            | 10-12-2015               | 78              | 70            | 73                          | 676                        | 1200              |  |  |
| *2       | PONG DAM PUNJAB             | 423.67           | 414.37                               | 6.157                               | 3.839                            | 10-12-2015               | 62              | 46            | 59                          | -                          | 360               |  |  |
| *3       | THEIN                       | 527.91           | 504.19                               | 2.344                               | 0.830                            | 10-12-2015               | 35              | 44            | 52                          | 348                        | 600               |  |  |
|          | RAJASTHAN                   |                  |                                      |                                     |                                  |                          |                 |               |                             |                            |                   |  |  |
| *4       | MAHI BAJAJ SAGAR            | 280.75           | 277.65                               | 1.711                               | 1.322                            | 10-12-2015               | 77              | 87            | 73                          | 63                         | 140               |  |  |
| 5        | JHAKAM                      | 359.50           | 345.80                               | 0.132                               | 0.089                            | 10-12-2015               | 67              | 75            | 64                          | 28                         | -                 |  |  |
| *6       | RANA PRATAP SAGAR           | 352.81           | 346.85                               | 1.436                               | 0.418                            | 10-12-2015               | 29              | 38            | 58                          | 229                        | 172               |  |  |
|          | EASTERN REGION              |                  |                                      |                                     |                                  |                          |                 |               |                             |                            |                   |  |  |
|          | JHARKHAND                   |                  |                                      |                                     |                                  |                          |                 |               |                             |                            |                   |  |  |
|          | TENUGHAT                    | 269.14           | 258.59                               |                                     | 0.363                            | 10-12-2015               | 44              | 48            | 42                          |                            | -                 |  |  |
| 8<br>*9  | MAITHON PANCHET HILL        | 146.3            | 140.00<br>121.21                     | 0.471<br>0.184                      | 0.159                            | 10-12-2015               | 34<br>22        | 76<br>67      | 89<br>93                    |                            | 80                |  |  |
|          | KONAR                       | 124.97<br>425.81 | 422.83                               |                                     | 0.040<br>0.125                   | 10-12-2015<br>10-12-2015 | 71              | 91            | 93<br>77                    |                            | - 00              |  |  |
|          | TILAIYA                     | 368.81           | 367.79                               |                                     |                                  | 10-12-2015               | 76              | 100           | 73                          |                            | 4                 |  |  |
|          | ODISHA                      | 300.01           | 307.73                               | 0.142                               | 0.100                            | 10 12 2013               | 70              | 100           | 75                          | Ψ                          | 7                 |  |  |
| *12      | HIRAKUD                     | 192.02           | 190.57                               | 5.378                               | 3.900                            | 10-12-2015               | 73              | 84            | 87                          | 153                        | 307               |  |  |
|          | BALIMELA                    | 462.08           | 457.32                               |                                     | 1.872                            | 09-12-2015               | 70              | 91            | 64                          |                            | 360               |  |  |
| 14       | SALANADI                    | 82.30            | 56.35                                | 0.558                               | 0.034                            | 09-12-2015               | 6               | 48            | 48                          | 42                         | _                 |  |  |
| *15      | RENGALI                     | 123.50           | 118.45                               | 3.432                               | 1.814                            | 09-12-2015               | 53              | 82            | 74                          | 3                          | 200               |  |  |
| *16      | MACHKUND(JALPUT)            | 838.16           | 836.84                               | 0.893                               | 0.769                            | 09-12-2015               | 86              | 90            | 86                          | -                          | 115               |  |  |
| *17      | UPPER KOLAB                 | 858.00           | 856.05                               | 0.935                               | 0.751                            | 09-12-2015               | 80              | 88            | 63                          | 89                         | 320               |  |  |
| *18      | UPPER INDRAVATI             | 642.00           | 634.85                               | 1.456                               | 0.734                            | 10-12-2015               | 50              | 87            | 74                          | 128                        | 600               |  |  |
|          | WEST BENGAL                 |                  |                                      |                                     |                                  |                          |                 |               |                             |                            |                   |  |  |
| 19       | MAYURAKSHI                  | 121.31           | 111.13                               | 0.480                               | 0.102                            | 10-12-2015               | 21              | 22            | 45                          | 227                        | -                 |  |  |
| 20       | KANGSABATI                  | 134.14           | 124.01                               | 0.914                               | 0.229                            | 10-12-2015               | 25              | 27            | 46                          | 341                        | -                 |  |  |
|          | TRIPURA                     |                  |                                      |                                     |                                  |                          |                 |               |                             |                            |                   |  |  |
|          | GUMTI                       | 93.55            | 92.40                                | 0.312                               | 0.258                            | 08-12-2015               | 83              | 24            | 37                          | -                          | 15                |  |  |
|          | WESTERN REGION              | •                |                                      |                                     |                                  |                          |                 |               |                             |                            |                   |  |  |
| *00      | GUJARAT                     | 405.40           | 00.24                                | 0.045                               | 2.720                            | 40 40 0045               | 50              |               | 7.4                         | 240                        | 200               |  |  |
|          | UKAI<br>SARARMATI(DHAROI)   | 105.16           | 99.31                                |                                     |                                  | 10-12-2015<br>10-12-2015 | 56<br>70        |               |                             |                            | 300               |  |  |
|          | SABARMATI(DHAROI)<br>KADANA | 189.59<br>127.7  | 187.18<br>122.12                     |                                     |                                  | 10-12-2015               | 70<br>46        |               |                             |                            | 1<br>120          |  |  |
|          | SHETRUNJI                   | 55.53            | 55.02                                |                                     |                                  | 10-12-2015               | 87              |               | 73                          |                            | 120               |  |  |
|          | BHADAR                      | 107.89           | 105.19                               |                                     | 0.091                            | 10-12-2015               | 48              |               | 64                          |                            | _                 |  |  |
|          | DAMANAGANGA                 | 79.86            | 78.60                                |                                     |                                  | 10-12-2015               | 84              | 80            | 90                          |                            | 1                 |  |  |
|          | DANTIWADA                   | 184.1            | 179.80                               |                                     | 0.251                            | 10-12-2015               | 63              | 5             | 30                          |                            | -                 |  |  |
|          | PANAM                       | 127.41           | 122.50                               |                                     |                                  | 10-12-2015               | 40              | 67            |                             |                            | 2                 |  |  |
|          | SARDAR SAROVAR              | 121.92           | 117.26                               |                                     | 0.827                            | 10-12-2015               | 53              | 71            | 72                          | 2120                       | 1450              |  |  |
| 31       | KARJAN                      | 115.25           | 105.47                               | 0.523                               | 0.269                            | 10-12-2015               | 51              | 80            | 89                          |                            | 3                 |  |  |
|          |                             |                  |                                      |                                     |                                  |                          |                 |               |                             |                            |                   |  |  |

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

|          | GOVERNIMENT OF INDIA        |            |                                      | WEE                                 | K ENDING :-                      | 10.12.2015 |                 |                      | VATER CON                   |                            |                   |
|----------|-----------------------------|------------|--------------------------------------|-------------------------------------|----------------------------------|------------|-----------------|----------------------|-----------------------------|----------------------------|-------------------|
|          |                             |            |                                      |                                     |                                  |            | STORAGE A       | S % OF LIVE C<br>FRL | APACITY AT                  | BENE                       | FITS              |
| S.<br>NO | NAME OF RESERVOIR           | FRL<br>(m) | CURRENT<br>RESERVOIR<br>LEVEL<br>(m) | LIVE<br>CAPACITY AT<br>FRL<br>(BCM) | CURRENT LIVE<br>STORAGE<br>(BCM) | DATE       | CURRENT<br>YEAR | LAST YEAR            | LAST 10<br>YEARS<br>AVERAGE | IRR.<br>(CCA) IN<br>TH. HA | HYDEL<br>IN<br>MW |
| 1        | 2                           | 4          | 6                                    | 5                                   | 7                                | 8          | 9               | 10                   | 11                          | ЗА                         | 3B                |
|          | MAHARASHTRA                 |            |                                      | I.                                  |                                  |            |                 |                      |                             |                            |                   |
| 32       | JAYAKWADI(PAITHON)          | 463.91     | 456.93                               | 2.171                               | 0.229                            | 10-12-2015 | 11              | 27                   | 55                          | 227                        | -                 |
| *33      | KOYANA                      | 657.90     | 647.85                               | 2.652                               | 1.581                            | 09-12-2015 | 60              | 90                   | 89                          | -                          | 1920              |
| 34       | BHIMA(UJJANI)               | 496.83     | 490.70                               | 1.517                               | 0.000                            | 09-12-2015 | 0               | 80                   | 84                          | 125                        | 12                |
| 35       | ISAPUR                      | 441.00     | 431.13                               | 0.965                               | 0.244                            | 09-12-2015 | 25              | 61                   | 65                          | 104                        | -                 |
| 36       | MULA                        | 552.30     | 542.69                               | 0.609                               | 0.205                            | 10-12-2015 | 34              | 67                   | 78                          | 139                        | -                 |
| 37       | YELDARI                     | 461.77     | 450.32                               | 0.809                               | 0.072                            | 09-12-2015 | 9               | 45                   | 52                          | 78                         | -                 |
| 38       | GIRNA                       | 398.07     | 383.19                               | 0.524                               | 0.024                            | 09-12-2015 | 5               | 37                   | 52                          | 79                         | -                 |
| 39       | KHADAKVASLA                 | 582.47     | 580.95                               | 0.056                               | 0.036                            | 09-12-2015 | 64              | 84                   | 55                          | 78                         | 8                 |
| *40      | UPPER VAITARNA              | 603.50     | 599.15                               | 0.331                               | 0.197                            | 09-12-2015 | 60              | 73                   | 92                          | -                          | 61                |
| 41       | UPPER TAPI                  | 214.00     | 213.32                               | 0.255                               | 0.215                            | 09-12-2015 | 84              | 94                   | 95                          | 45                         | -                 |
| *42      | PENCH (TOTALADOH)           | 490.00     | 482.34                               | 1.091                               | 0.523                            | 08-12-2015 | 48              | 45                   | 62                          | 127                        | 160               |
| 43       | UPPER WARDHA                | 342.50     | 340.34                               | 0.564                               | 0.386                            | 10-12-2015 | 68              | 75                   | 82                          | 70                         | -                 |
| 44       | BHATSA                      | 142.07     | 131.06                               | 0.942                               | 0.668                            | 09-12-2015 | 71              | 81                   | 84                          | 29.378                     | 15                |
| 45       | DHOM                        | 747.70     | 736.67                               | 0.331                               | 0.173                            | 09-12-2015 | 52              | 85                   | 79                          | 36.2                       | 2                 |
| 46       | DUDHGANGA                   | 646.00     | 636.44                               | 0.664                               | 0.386                            | 09-12-2015 | 58              | 94                   | 91                          | 2.441                      | 24                |
|          | MANIKDOH (KUKADI)           | 711.25     | 692.41                               | 0.288                               | 0.069                            | 09-12-2015 | 24              | 42                   | 55                          | 2.2                        | 6                 |
| 48       | BHANDARDARA  CENTRAL REGION | 342.50     | 340.34                               | 0.304                               | 0.105                            | 10-12-2015 | 68              | 75                   | 82                          | 70                         | -                 |
| _        | UTTAR PRADESH               |            |                                      |                                     |                                  |            |                 |                      |                             |                            |                   |
| 49       | MATATILA                    | 308.46     | 306.66                               | 0.707                               | 0.452                            | 09-12-2015 | 64              | 47                   | 63                          | _                          | 30                |
|          | RIHAND                      | 268.22     | 258.96                               |                                     | 1.846                            | 10-12-2015 | 33              | 40                   | 41                          | _                          | 300               |
|          | UTTRAKHAND                  |            |                                      |                                     |                                  |            |                 |                      |                             |                            |                   |
| *51      | RAMGANGA                    | 365.30     | 354.07                               | 2.196                               | 1.402                            | 10-12-2015 | 64              | 84                   | 72                          | 1897                       | 198               |
| *52      | TEHRI                       | 830.00     | 809.80                               | 2.615                               | 1.822                            | 10-12-2015 | 70              | 79                   | 73                          | 2351                       | 1000              |
|          | MADHYA PRADESH              |            |                                      |                                     |                                  |            |                 |                      |                             |                            |                   |
| *53      | GANDHI SAGAR                | 399.90     | 399.89                               | 6.827                               | 6.607                            | 09-12-2015 | 97              | 67                   | 48                          | 220                        | 115               |
| 54       | TAWA                        | 355.40     | 351.98                               | 1.944                               | 1.447                            | 09-12-2015 | 74              | 77                   | 78                          | 247                        | -                 |
| *55      | BARGI                       | 422.76     | 420.50                               | 3.180                               | 2.590                            | 09-12-2015 | 81              | 86                   | 76                          | 157                        | 90                |
| *56      | BANSAGAR                    | 341.64     | 335.75                               | 5.166                               | 2.762                            | 10-12-2015 | 53              | 85                   | 52                          | 488                        | 425               |
| *57      | INDIRA SAGAR                | 262.13     | 258.14                               | 9.745                               | 6.514                            | 10-12-2015 | 67              | 75                   | 55                          | 2380                       | 1000              |
| 58       | BARNA                       | 348.55     | 345.38                               | 0.456                               | 0.256                            | 10-12-2015 | 56              | 59                   | 60                          | 546                        | -                 |
|          | CHHATTIS GARH               |            |                                      |                                     |                                  |            |                 |                      |                             |                            |                   |
| *59      | MINIMATA BANGOI             | 359.66     | 349.36                               | 3.046                               | 1.373                            | 08-12-2015 | 45              | 84                   | 66                          | -                          | 120               |
| 60       | MAHANADI                    | 348.70     | 343.57                               | 0.767                               | 0.355                            | 09-12-2015 | 46              | 90                   | 77                          | 319                        | 10                |
|          | SOUTHERN REGION             | •          |                                      |                                     |                                  |            |                 |                      |                             |                            |                   |
|          | A.P & TG                    |            |                                      |                                     |                                  |            |                 |                      |                             |                            |                   |
| *61      | SRISAILAM                   | 269.75     | 254.53                               | 8.288                               | 1.465                            | 10-12-2015 | 18              | 0                    | 70                          | 0                          | 770               |
| *62      | NAGARJUNA SAGAR             | 179.83     | 155.08                               | 6.841                               | 0.000                            | 10-12-2015 | 0               | 40                   | 60                          | 895                        | 810               |
|          | ANDHRA PRADESH              |            |                                      |                                     |                                  |            |                 |                      |                             |                            |                   |
| 63       | SOMASILA                    | 100.58     | 99.36                                | 1.994                               | 1.956                            | 10-12-2015 | 98              | 64                   | 71                          | 168                        | 0                 |
|          | <u>TELANGANA</u>            |            |                                      |                                     |                                  |            |                 |                      |                             |                            |                   |
| 64       | SRIRAMSAGAR                 | 332.54     | 320.25                               | 2.300                               | 0.187                            | 10-12-2015 | 8               | 24                   | 59                          | 411                        | 27                |
| 65       | LOWER MANAIR                | 280.42     | 268.85                               | 0.621                               | 0.101                            | 10-12-2015 | 16              | 34                   | 73                          | 199                        | 60                |

### WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

**GOVERNMENT OF INDIA** 

CENTRAL WATER COMMISSION

|          |                         |            |                           | WEE                         | K ENDING :-                      | 10.12.2015 |                 |  |                             |                            |                   |  |
|----------|-------------------------|------------|---------------------------|-----------------------------|----------------------------------|------------|-----------------|--|-----------------------------|----------------------------|-------------------|--|
|          |                         |            | CURRENT                   | LIVE                        |                                  |            | STORAGE A       | TORAGE AS % OF LIVE CAPACITY AT<br>FRL |                             |                            | BENEFITS          |  |
| S.<br>NO | NAME OF RESERVOIR       | FRL<br>(m) | RESERVOIR<br>LEVEL<br>(m) | CAPACITY AT<br>FRL<br>(BCM) | CURRENT LIVE<br>STORAGE<br>(BCM) | DATE       | CURRENT<br>YEAR | LAST YEAR                              | LAST 10<br>YEARS<br>AVERAGE | IRR.<br>(CCA) IN<br>TH. HA | HYDEL<br>IN<br>MW |  |
| 1        | 2                       | 4          | 6                         | 5                           | 7                                | 8          | 9               | 10                                     | 11                          | ЗА                         | 3B                |  |
|          | KARNATAKA               |            |                           |                             |                                  |            |                 |  |                             | •                          |                   |  |
| 66       | KRISHNARAJA SAGRA       | 752.50     | 748.06                    | 1.163                       | 0.781                            | 09-12-2015 | 67              | 89                                     | 78                          | 79                         |                   |  |
| *67      | TUNGABHADRA             | 497.74     | 490.52                    | 3.276                       | 0.961                            | 10-12-2015 | 29              | 71                                     | 67                          | 529                        | 72                |  |
| 68       | GHATAPRABHA             | 662.95     | 645.36                    | 1.391                       | 0.398                            | 08-12-2015 | 29              | 71                                     | 69                          | 317                        |                   |  |
| 69       | BHADRA                  | 657.76     | 650.43                    | 1.785                       | 1.027                            | 08-12-2015 | 58              | 91                                     | 91                          | 106                        | 39                |  |
| 70       | LINGANAMAKKI            | 554.43     | 546.49                    | 4.294                       | 2.253                            | 08-12-2015 | 52              | 78                                     | 80                          | -                          | 55                |  |
| 71       | NARAYANPUR              | 492.25     | 489.00                    | 0.863                       | 0.377                            | 10-12-2015 | 44              | 69                                     | 87                          | 425                        |                   |  |
| 72       | MALAPRABHA(RENUKA)      | 633.83     | 624.05                    | 0.972                       | 0.148                            | 08-12-2015 | 15              | 58                                     | 62                          | 215                        |                   |  |
| 73       | KABINI(Sancherla Tank)  | 696.16     | 690.74                    | 0.444                       | 0.171                            | 09-12-2015 | 39              | 57                                     | 30                          | 85                         |                   |  |
| 74       | HEMAVATHY               | 890.63     | 875.26                    | 0.927                       | 0.153                            | 09-12-2015 | 17              | 61                                     | 56                          | 265                        |                   |  |
| 75       | HARANGI                 | 871.42     | 848.59                    | 0.220                       | 0.005                            | 09-12-2015 | 2               | 24                                     | 29                          | 53                         |                   |  |
| 76       | SUPA                    | 564.00     | 540.86                    | 4.120                       | 1.824                            | 08-12-2015 | 44              | 70                                     | 69                          | -                          |                   |  |
| 77       | VANIVILAS SAGAR         | 652.28     | 637.47                    | 0.802                       | 0.105                            | 10-12-2015 | 13              | 10                                     | 20                          | 123                        |                   |  |
| *78      | ALMATTI                 | 519.60     | 510.53                    | 3.105                       | 0.576                            | 10-12-2015 | 19              | 64                                     | 73                          | @                          | 290               |  |
| *79      | GERUSOPPA               | 55.00      | 48.93                     | 0.130                       | 0.096                            | 10-12-2015 | 74              | 84                                     | 84                          | 83                         | 240               |  |
|          | KERALA                  |            |                           |                             |                                  |            |                 |  |                             |                            |                   |  |
| 80       | KALLADA(PARAPPAR)       | 115.82     | 114.88                    | 0.507                       | 0.463                            | 09-12-2015 | 91              | 91                                     | 86                          | 62                         |                   |  |
| *81      | IDAMALAYAR              | 169.00     | 152.50                    | 1.018                       | 0.573                            | 09-12-2015 | 56              | 88                                     | 78                          | 33                         | 75                |  |
| *82      | IDUKKI                  | 732.43     | 720.85                    | 1.460                       | 0.863                            | 09-12-2015 | 59              | 77                                     | 73                          | -                          | 780               |  |
| *83      | KAKKI                   | 981.46     | 973.53                    | 0.447                       | 0.324                            | 08-12-2015 | 72              | 76                                     | 86                          | 23                         | 300               |  |
| *84      | PERIYAR                 | 867.41     | 868.76                    | 0.173                       | 0.173                            | 09-12-2015 | 100             | 90                                     | 69                          | 84                         | 140               |  |
| 85       | MALAPMUZHA              | 867.41     | 868.76                    | 0.224                       | 0.126                            | 09-12-2015 | 100             | 90                                     | 69                          | 84                         | 140               |  |
|          | TAMIL NADU              |            |                           |                             |                                  |            |                 |  |                             |                            |                   |  |
| 86       | LOWER BHAWANI           | 278.89     | 272.50                    | 0.792                       | 0.430                            | 09-12-2015 | 54              | 66                                     | 74                          | 105                        | 8                 |  |
| *87      | METTUR(STANLEY)         | 240.79     | 233.39                    | 2.647                       | 1.682                            | 09-12-2015 | 64              | 72                                     | 70                          | 122                        | 360               |  |
| 88       | VAIGAI                  | 279.20     | 277.37                    | 0.172                       | 0.131                            | 09-12-2015 | 76              | 13                                     | 59                          | 61                         | 6                 |  |
| 89       | PARAMBIKULAM            | 556.26     | 551.41                    | 0.380                       | 0.280                            | 09-12-2015 | 74              | 88                                     | 85                          | 101                        |                   |  |
| 90       | ALIYAR                  | 320.04     | 319.49                    | 0.095                       | 0.092                            | 09-12-2015 | 97              | 96                                     | 89                          | #                          | 60                |  |
| *91      | SHOLAYAR                | 1002.79    | 978.05                    | 0.143                       | 0.044                            | 09-12-2015 | 31              | 83                                     | 80                          | -                          | 95                |  |
|          | TOTAL FOR 91 RESERVOIRS |            |                           | 157.799                     | 80.263                           |            |                 |  |                             |                            |                   |  |
|          |                         |            |                           |                             |                                  |            |                 |  |                             |                            |                   |  |

Sd/-

67

51

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

PERCENTAGE

Director W. M. , CWC

(At sl. 30th) 0.444 BCM, Live storage at FRL of Kabini reservoir is intrim

<sup>\*</sup> HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

<sup>#</sup> TOTAL CCA 101 TH. HA OF PARAMBIKULAM & ALIYAR

 $<sup>@&#</sup>x27;\,\mbox{TOTAL}$  CCA 425 TH. HA. OF NARAYANPUR AND ALMATTI

 $<sup>\</sup>dagger$  SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

SI. No. 19th 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