

## WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 30.06.2016

| 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>NORTHERN REGION</b>         |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b><u>HIMACHAL PRADESH</u></b> |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *1                             | GOBIND SAGAR(BHAKRA) | 512.06  | 479.80                      | 6.229                      | 1.886                      | 29-06-2016 | 30                                   | 44        | 32                    | 676                  | 1200        |
| *2                             | PONG DAM             | 423.67  | 391.73                      | 6.157                      | 0.538                      | 30-06-2016 | 9                                    | 38        | 25                    | -                    | 360         |
| <b><u>PUNJAB</u></b>           |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *3                             | THEIN                | 527.91  | 503.43                      | 2.344                      | 0.788                      | 29-06-2016 | 34                                   | 82        | 51                    | 348                  | 600         |
| <b><u>RAJASTHAN</u></b>        |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *4                             | MAHI BAJAJ SAGAR     | 280.75  | 266.20                      | 1.711                      | 0.335                      | 29-06-2016 | 20                                   | 33        | 21                    | 63                   | 140         |
| 5                              | JHAKAM               | 359.50  | 337.25                      | 0.132                      | 0.009                      | 29-06-2016 | 7                                    | 18        | 17                    | 28                   | -           |
| *6                             | RANA PRATAP SAGAR    | 352.81  | 349.40                      | 1.436                      | 0.809                      | 30-06-2016 | 56                                   | 21        | 39                    | 229                  | 172         |
| <b><u>EASTERN REGION</u></b>   |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b><u>JHARKHAND</u></b>        |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 7                              | TENUGHAT             | 269.14  | 256.12                      | 0.821                      | 0.285                      | 30-06-2016 | 35                                   | 36        | 35                    | -                    | -           |
| 8                              | MAITHON              | 146.3   | 137.13                      | 0.471                      | 0.076                      | 30-06-2016 | 16                                   | 22        | 35                    | 342                  | -           |
| *9                             | PANCHET HILL         | 124.97  | 121.16                      | 0.184                      | 0.039                      | 30-06-2016 | 21                                   | 73        | 58                    | \$                   | 80          |
| 10                             | KONAR                | 425.81  | 416.40                      | 0.176                      | 0.042                      | 30-06-2016 | 24                                   | 23        | 33                    | \$                   | -           |
| 11                             | TILAIYA              | 368.81  | 364.39                      | 0.142                      | 0.017                      | 30-06-2016 | 12                                   | 37        | 32                    | \$                   | 4           |
| <b><u>ODISHA</u></b>           |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *12                            | HIRAKUD              | 192.02  | 182.06                      | 5.378                      | 0.495                      | 29-06-2016 | 9                                    | 17        | 9                     | 153                  | 307         |
| *13                            | BALIMELA             | 462.08  | 450.16                      | 2.676                      | 0.965                      | 29-06-2016 | 36                                   | 51        | 16                    | -                    | 360         |
| 14                             | SALANADI             | 82.30   | 54.65                       | 0.558                      | 0.025                      | 29-06-2016 | 4                                    | 39        | 29                    | 42                   | -           |
| *15                            | RENGALI              | 123.50  | 110.01                      | 3.432                      | 0.045                      | 29-06-2016 | 1                                    | 23        | 10                    | 3                    | 200         |
| *16                            | MACHKUND(JALPUT)     | 838.16  | 826.62                      | 0.893                      | 0.204                      | 29-06-2016 | 23                                   | 35        | 35                    | -                    | 115         |
| *17                            | UPPER KOLAB          | 858.00  | 847.77                      | 0.935                      | 0.168                      | 29-06-2016 | 18                                   | 43        | 15                    | 89                   | 320         |
| *18                            | UPPER INDRAVATI      | 642.00  | 630.13                      | 1.456                      | 0.346                      | 30-06-2016 | 24                                   | 33        | 17                    | 128                  | 600         |
| <b><u>WEST BENGAL</u></b>      |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 19                             | MAYURAKSHI           | 121.31  | 112.84                      | 0.480                      | 0.142                      | 30-06-2016 | 30                                   | 31        | 26                    | 227                  | -           |
| 20                             | KANGSABATI           | 134.14  | 122.80                      | 0.914                      | 0.184                      | 30-06-2016 | 20                                   | 21        | 24                    | 341                  | -           |
| <b><u>TRIPURA</u></b>          |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 21                             | GUMTI                | 93.55   | 89.80                       | 0.312                      | 0.151                      | 28-06-2016 | 48                                   | 32        | 27                    | -                    | 15          |
| <b><u>WESTERN REGION</u></b>   |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b><u>GUJARAT</u></b>          |                      |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *22                            | UKAI                 | 105.16  | 86.52                       | 6.615                      | 0.508                      | 29-06-2016 | 8                                    | 22        | 20                    | 348                  | 300         |
| 23                             | SABARMATI(DHAROI)    | 189.59  | 181.06                      | 0.735                      | 0.133                      | 29-06-2016 | 18                                   | 36        | 21                    | 95                   | 1           |
| *24                            | KADANA               | 127.7   | 113.97                      | 1.472                      | 0.222                      | 29-06-2016 | 15                                   | 55        | 46                    | 200                  | 120         |
| 25                             | SHETRUNJI            | 55.53   | 48.52                       | 0.300                      | 0.029                      | 29-06-2016 | 10                                   | 9         | 8                     | 36                   | -           |
| 26                             | BHADAR               | 107.89  | 99.76                       | 0.188                      | 0.008                      | 29-06-2016 | 4                                    | 9         | 10                    | 27                   | -           |
| 27                             | DAMANAGANGA          | 79.86   | 65.25                       | 0.502                      | 0.039                      | 29-06-2016 | 8                                    | 27        | 14                    | 51                   | 1           |
| 28                             | DANTIWADA            | 184.1   | 164.79                      | 0.399                      | 0.009                      | 29-06-2016 | 2                                    | 4         | 1                     | 45                   | -           |
| 29                             | PANAM                | 127.41  | 117.40                      | 0.697                      | 0.116                      | 29-06-2016 | 17                                   | 50        | 38                    | 36                   | 2           |
| *30                            | SARDAR SAROVAR       | 121.92  | 115.14                      | 1.566                      | 0.533                      | 29-06-2016 | 34                                   | 43        | 25                    | 2120                 | 1450        |
| 31                             | KARJAN               | 115.25  | 86.95                       | 0.523                      | 0.039                      | 29-06-2016 | 7                                    | 33        | 34                    | 51                   | 3           |

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|------------------------|--------------------|---------|-----------------------------|----------------------------|----------------------------|------------|--------------------------------------|-----------|-----------------------|----------------------|-------------|
|                        |                    |         |                             |                            |                            |            | 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  | 453.41                      | 2.171                      | 0.000                      | 30-06-2016 | 0                                    | 2         | 12                    | 227                  | -           |
| *33                    | KOYANA             | 657.90  | 619.96                      | 2.652                      | 0.057                      | 29-06-2016 | 2                                    | 43        | 32                    | -                    | 1920        |
| 34                     | BHIMA(UJJANI)      | 496.83  | 485.67                      | 1.517                      | 0.000                      | 29-06-2016 | 0                                    | 0         | 7                     | 125                  | 12          |
| 35                     | ISAPUR             | 441.00  | 426.21                      | 0.965                      | 0.019                      | 29-06-2016 | 2                                    | 22        | 25                    | 104                  | -           |
| 36                     | MULA               | 552.30  | 536.65                      | 0.609                      | 0.030                      | 29-06-2016 | 5                                    | 5         | 6                     | 139                  | -           |
| 37                     | YELDARI            | 461.77  | 445.00                      | 0.809                      | 0.000                      | 29-06-2016 | 0                                    | 2         | 11                    | 78                   | -           |
| 38                     | GIRNA              | 398.07  | 379.38                      | 0.524                      | 0.000                      | 29-06-2016 | 0                                    | 9         | 8                     | 79                   | -           |
| 39                     | KHADAKVASLA        | 582.47  | 578.69                      | 0.056                      | 0.012                      | 29-06-2016 | 21                                   | 55        | 30                    | 78                   | 8           |
| *40                    | UPPER VAITARNA     | 603.50  | 594.39                      | 0.331                      | 0.079                      | 29-06-2016 | 24                                   | 27        | 28                    | -                    | 61          |
| 41                     | UPPER TAPI         | 214.00  | 205.34                      | 0.255                      | 0.000                      | 29-06-2016 | 0                                    | 18        | 22                    | 45                   | -           |
| *42                    | PENCH (TOTALADOH)  | 490.00  | 469.18                      | 1.091                      | 0.079                      | 29-06-2016 | 7                                    | 18        | 19                    | 127                  | 160         |
| 43                     | UPPER WARDHA       | 342.50  | 335.66                      | 0.564                      | 0.115                      | 30-06-2016 | 20                                   | 52        | 34                    | 70                   | -           |
| 44                     | BHATSA             | 142.07  | 107.43                      | 0.942                      | 0.291                      | 29-06-2016 | 31                                   | 35        | 31                    | 29.378               | 15          |
| 45                     | DHOM               | 747.70  | 728.85                      | 0.331                      | 0.079                      | 29-06-2016 | 24                                   | 43        | 24                    | 36.2                 | 2           |
| 46                     | DUDHGANGA          | 646.00  | 602.42                      | 0.664                      | 0.000                      | 29-06-2016 | 0                                    | 38        | 27                    | 2.441                | 24          |
| 47                     | MANIKDOH (KUKADI)  | 711.25  | 681.79                      | 0.288                      | 0.017                      | 29-06-2016 | 6                                    | 9         | 5                     | 2.2                  | 6           |
| 48                     | BHANDARDARA        | 342.50  | 335.66                      | 0.304                      | 0.004                      | 30-06-2016 | 20                                   | 52        | 34                    | 70                   | -           |
| <b>CENTRAL REGION</b>  |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b>UTTAR PRADESH</b>   |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 49                     | MATATILA           | 308.46  | 301.26                      | 0.707                      | 0.070                      | 29-06-2016 | 10                                   | 53        | 34                    | -                    | 30          |
| *50                    | RIHAND             | 268.22  | 255.61                      | 5.649                      | 0.732                      | 30-06-2016 | 13                                   | 10        | 8                     | -                    | 300         |
| <b>UTTRAKHAND</b>      |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *51                    | RAMGANGA           | 365.30  | 323.36                      | 2.196                      | 0.150                      | 30-06-2016 | 7                                    | 59        | 25                    | 1897                 | 198         |
| *52                    | TEHRI              | 830.00  | 754.65                      | 2.615                      | 0.281                      | 30-06-2016 | 11                                   | 7         | 10                    | 2351                 | 1000        |
| <b>MADHYA PRADESH</b>  |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *53                    | GANDHI SAGAR       | 399.90  | 391.32                      | 6.827                      | 2.424                      | 29-06-2016 | 36                                   | 39        | 19                    | 220                  | 115         |
| 54                     | TAWA               | 355.40  | 337.75                      | 1.944                      | 0.153                      | 30-06-2016 | 8                                    | 32        | 25                    | 247                  | -           |
| *55                    | BARGI              | 422.76  | 411.10                      | 3.180                      | 0.808                      | 30-06-2016 | 25                                   | 21        | 12                    | 157                  | 90          |
| *56                    | BANSAGAR           | 341.64  | 332.61                      | 5.166                      | 1.814                      | 29-06-2016 | 35                                   | 52        | 23                    | 488                  | 425         |
| *57                    | INDIRA SAGAR       | 262.13  | 246.91                      | 9.745                      | 1.076                      | 30-06-2016 | 11                                   | 14        | 5                     | 2380                 | 1000        |
| 58                     | BARNA              | 348.55  | 339.10                      | 0.456                      | 0.023                      | 29-06-2016 | 5                                    | 22        | 18                    | 546                  | -           |
| <b>CHHATTIS GARH</b>   |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *59                    | MINIMATA BANGOI    | 359.66  | 345.50                      | 3.046                      | 0.951                      | 29-06-2016 | 31                                   | 70        | 46                    | -                    | 120         |
| 60                     | MAHANADI           | 348.70  | 340.26                      | 0.767                      | 0.166                      | 27-06-2016 | 22                                   | 19        | 31                    | 319                  | 10          |
| <b>SOUTHERN REGION</b> |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| <b>A.P. &amp; TG</b>   |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| *61                    | SRISAILAM          | 269.75  | 237.90                      | 8.288                      | 0.484                      | 30-06-2016 | 6                                    | 30        | 18                    | 0                    | 770         |
| *62                    | NAGARJUNA SAGAR    | 179.83  | 153.77                      | 6.841                      | 0.000                      | 30-06-2016 | 0                                    | 2         | 26                    | 895                  | 810         |
| <b>ANDHRA PRADESH</b>  |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 63                     | SOMASILA           | 100.58  | 86.70                       | 1.994                      | 0.453                      | 30-06-2016 | 23                                   | 14        | 28                    | 168                  | 0           |
| <b>TELANGANA</b>       |                    |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 64                     | SRIRAMSAGAR        | 332.54  | 319.00                      | 2.300                      | 0.131                      | 30-06-2016 | 6                                    | 14        | 9                     | 411                  | 27          |
| 65                     | LOWER MANAIR       | 280.42  | 267.19                      | 0.621                      | 0.067                      | 30-06-2016 | 11                                   | 19        | 24                    | 199                  | 60          |

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|--------------------------|------------------------|---------|-----------------------------|----------------------------|----------------------------|------------|--------------------------------------|-----------|-----------------------|----------------------|-------------|
|                          |                        |         |                             |                            |                            |            | 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  | 735.69                      | 1.163                      | 0.071                      | 29-06-2016 | 6                                    | 54        | 22                    | 79                   | -           |
| *67                      | TUNGABHADRA            | 497.74  | 481.28                      | 3.276                      | 0.106                      | 29-06-2016 | 3                                    | 100       | 22                    | 529                  | 72          |
| 68                       | GHATAPRABHA            | 662.95  | 631.07                      | 1.391                      | 0.025                      | 27-06-2016 | 2                                    | 14        | 9                     | 317                  | -           |
| 69                       | BHADRA                 | 657.76  | 636.47                      | 1.785                      | 0.153                      | 27-06-2016 | 9                                    | 41        | 32                    | 106                  | 39          |
| 70                       | LINGANAMAKKI           | 554.43  | 536.60                      | 4.294                      | 0.799                      | 30-06-2016 | 19                                   | 26        | 19                    | -                    | 55          |
| 71                       | NARAYANPUR             | 492.25  | 486.15                      | 0.863                      | 0.151                      | 30-06-2016 | 17                                   | 32        | 45                    | 425                  | -           |
| 72                       | MALAPRABHA(RENUKA)     | 633.83  | 619.41                      | 0.972                      | 0.001                      | 27-06-2016 | 0                                    | 0         | 7                     | 215                  | -           |
| 73                       | KABINI(Sancherla Tank) | 696.16  | 686.43                      | 0.444                      | 0.023                      | 29-06-2016 | 5                                    | 100       | 32                    | 85                   | -           |
| 74                       | HEMAVATHY              | 890.63  | 873.60                      | 0.927                      | 0.112                      | 29-06-2016 | 12                                   | 63        | 23                    | 265                  | -           |
| 75                       | HARANGI                | 871.42  | 860.92                      | 0.220                      | 0.075                      | 29-06-2016 | 34                                   | 43        | 40                    | 53                   | -           |
| 76                       | SUPA                   | 564.00  | 525.36                      | 4.120                      | 0.839                      | 30-06-2016 | 20                                   | 36        | 22                    | -                    | -           |
| 77                       | VANIVILAS SAGAR        | 652.28  | 634.38                      | 0.802                      | 0.047                      | 29-06-2016 | 6                                    | 6         | 13                    | 123                  | -           |
| *78                      | ALMATTI                | 519.60  | 505.55                      | 3.105                      | 0.050                      | 30-06-2016 | 2                                    | 44        | 25                    | @                    | 290         |
| *79                      | GERUSOPPA              | 55.00   | 50.86                       | 0.130                      | 0.106                      | 30-06-2016 | 82                                   | 72        | 79                    | 83                   | 240         |
| <b><u>KERALA</u></b>     |                        |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 80                       | KALLADA(PARAPPAR)      | 115.82  | 105.40                      | 0.507                      | 0.271                      | 29-06-2016 | 53                                   | 23        | 29                    | 62                   | -           |
| *81                      | IDAMALAYAR             | 169.00  | 134.54                      | 1.018                      | 0.213                      | 29-06-2016 | 21                                   | 32        | 23                    | 33                   | 75          |
| *82                      | IDUKKI                 | 732.43  | 707.52                      | 1.460                      | 0.346                      | 29-06-2016 | 24                                   | 43        | 20                    | -                    | 780         |
| *83                      | KAKKI                  | 981.46  | 955.89                      | 0.447                      | 0.180                      | 29-06-2016 | 40                                   | 31        | 27                    | 23                   | 300         |
| *84                      | PERIYAR                | 867.41  | 859.89                      | 0.173                      | 0.024                      | 29-06-2016 | 14                                   | 15        | 43                    | 84                   | 140         |
| 85                       | MALAPMUZHA             | 867.41  | 859.89                      | 0.224                      | 0.034                      | 29-06-2016 | 14                                   | 15        | 43                    | 84                   | 140         |
| <b><u>TAMIL NADU</u></b> |                        |         |                             |                            |                            |            |                                      |           |                       |                      |             |
| 86                       | LOWER BHAWANI          | 278.89  | 261.21                      | 0.792                      | 0.079                      | 29-06-2016 | 10                                   | 63        | 45                    | 105                  | 8           |
| *87                      | METTUR(STANLEY)        | 240.79  | 217.18                      | 2.647                      | 0.380                      | 30-06-2016 | 14                                   | 45        | 42                    | 122                  | 360         |
| 88                       | VAIGAI                 | 279.20  | 265.97                      | 0.172                      | 0.008                      | 29-06-2016 | 5                                    | 24        | 19                    | 61                   | 6           |
| 89                       | PARAMBIKULAM           | 556.26  | 537.31                      | 0.380                      | 0.039                      | 29-06-2016 | 10                                   | 21        | 35                    | 101                  | -           |
| 90                       | ALIYAR                 | 320.04  | 307.67                      | 0.095                      | 0.025                      | 29-06-2016 | 26                                   | 79        | 43                    | #                    | 60          |
| *91                      | SHOLAYAR               | 1002.79 | 978.96                      | 0.143                      | 0.033                      | 29-06-2016 | 23                                   | 66        | 40                    | -                    | 95          |
| TOTAL FOR 91 RESERVOIRS  |                        |         |                             | 157.799                    | 23.940                     |            |                                      |           |                       |                      |             |
| PERCENTAGE               |                        |         |                             |                            |                            |            | 15                                   | 32        | 22                    |                      |             |

Sd/-

Director

\* HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

W. M. , CWC

# 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.

Sl. 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