

## **BRIEF NOTE ON LIVE STORAGE STATUS OF 120 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 14.11.2019)**

### **1. ALL INDIA STATUS**

Central Water Commission is monitoring live storage status of 120 reservoirs of the country on weekly basis and is issuing weekly bulletin on every Thursday. Out of these reservoirs, 44 reservoirs have hydropower benefit with installed capacity of more than 60 MW. The total live storage capacity of these 120 reservoirs is **170.328 BCM** which is about **66.06%** of the live storage capacity of 257.812 BCM which is estimated to have been created in the country. As per reservoir storage bulletin dated **14.11.2019**, live storage available in these reservoirs is **153.472 BCM**, which is **90%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **109.82 BCM** and the average of last 10 years live storage was **114.09 BCM**. Thus, the live storage available in 120 reservoirs as per **14.11.2019 Bulletin** is **140%** of the live storage of corresponding period of last year and **135%** of storage of average of last ten years.

As per Table-01, the overall storage position is **better than the** corresponding period of last year in the country as a whole and is also **better 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 8 reservoirs under CWC monitoring having total live storage capacity of 19.17 BCM. As per Reservoir Storage Bulletin dated **14.11.2019**, the total live storage available in these reservoirs is **14.92 BCM** which is **78%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **80%** 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 but it is better 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, Tripura and Nagaland. There are 17 reservoirs under CWC monitoring having total live storage capacity of 19.37 BCM. As per Reservoir Storage Bulletin dated **14.11.2019**, the total live storage available in these reservoirs is **17.15 BCM** which is **89%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **69%** and average storage of last ten years during corresponding period was **74%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the corresponding period of last year and is also better 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 41 reservoirs under CWC monitoring having total live storage capacity of 34.84 BCM. As per Reservoir Storage Bulletin dated **14.11.2019**, the total live storage available in these reservoirs is **33.45 BCM** which is **96%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **54%** 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 storage of last year and is also better 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 18 reservoirs under CWC monitoring having total live storage capacity of 44.14 BCM. As per Reservoir Storage Bulletin dated **14.11.2019**, the total live storage available in these reservoirs is **41.62 BCM** which is **94%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **70%** and average storage of last ten years during corresponding period was **68%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the storage of last year and is also 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 36 reservoirs under CWC monitoring having total live storage capacity of 52.81 BCM. As per Reservoir Storage Bulletin dated **14.11.2019**, the total live storage available in these reservoirs is **46.34 BCM** which is **88%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **60%** 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 and is also better 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 11, better than normal storage is available in Narmada, Tapi, Mahi, Sabarmati, Rivers of Kutch, Godavari, Krishna, Cauvery & neighbouring EFRs, Ganga and Mahanadi & Neighbouring East Flowing Rivers and West Flowing Rivers of South. Close to Normal in Indus and NIL in Deficient and in Highly Deficient.
- Table on page 12-14 of the bulletin. The numbers of reservoirs having storage more than last year are **105** and reservoirs having storage more than average of last ten years are **110** The numbers of reservoirs having storage less than or equal to 20% with respect to last year is **1** and having storage less than or equal to 20% with reference to average of last ten years is **2**. The number of reservoirs having storage less than or equal to 50% with respect to last year are **1** and having storage less than or equal to 50% with reference to average of last ten years are **3**.

States having better storage (in %) than last year for corresponding period:

Rajasthan, Jharkhand, Odisha, West Bengal, Nagaland, Gujarat, Maharashtra, Uttar Pradesh, Uttarakhand, Madhya Pradesh, Chhattisgarh, AP&TG (Two combined projects in both states), Andhra Pradesh, Telangana, Karnataka, Kerala and Tamil Nadu.

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

States having lesser storage (in %) than last year for corresponding period: Himachal Pradesh, Punjab and Tripura,

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

**AS ON : 14.11.2019**

1 Central Water Commission is monitoring storage status of 120 important reservoirs spread all over the country, in which 44 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 120 important reservoirs in different parts of the country, monitored by CWC as on **14.11.2019** is **153.472** BCM ( **90** percent of the live storage capacity at FRL ).The current year's storage is nearly **140** percent of last year's storage and **135** percent of the average of last ten years.

**3 Region wise storage status:-**

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 120 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> (HP,Punjab & Rajasthan), (8 Resv.)	3	2	-	2	1	-	-	-	H.P.	-7 %
									PUNJAB	33 %
									RAJASTHAN	44 %
<b>EAST</b> (Jharkhand,Odisha, Tripura, Nagaland & W.Bengal ) ( 17 Resv.)	4	5	2	2	2	1	1	-	JHARKHAND	16 %
									ODISHA	19 %
									W. BENGAL	76 %
									TRIPURA	-21 %
									NAGALAND	7 %
<b>WEST</b> (Guj.& Mah.), (41 Resv.)	19	14	3	4	-	-	-	1	GUJARAT	75 %
									MAH.	32 %
<b>CENTRAL</b> (MP,UP,Uttarakhand & Chh.), (18 Resv)	3	7	3	5	-	-	-	-	U.P.	87 %
									UTTARAKHAND	4 %
									M.P.	39 %
									CHHATISGARH	27 %
<b>SOUTH</b> (Karnataka,TN,AP&TG,AP, TG, & Kerala), ( 36 Resv.)	8	11	6	4	3	1	-	3	AP&TG	35 %
									A.P	62 %
									TELANGANA	35 %
									KARNATAKA	34 %
									KERALA	11 %
									T.N.	76 %
Status of 120 reservoirs	37	39	14	17	6	2	1	4		

**4 Basin wise storage position:**

**Better than normal:**

Ganga, Narmada ,Tapi, Mahi,Sabarmati, Rivers of Kutch , Godavari, Krishna, Mahanadi & Neighbouring East Flowing Rivers, Cauvery & neighbouring EFRs. and West Flowing Rivers of South.

**Close to normal:** Indus

**Deficient:** NIL

**Highly deficient:** NIL

5 Out of 120 reservoirs, 116 reservoirs reported more than 80% of normal storage & 4 reservoirs reported 80% or below of normal storage. Out of these 4 reservoirs 3 having storage upto 50% of normal storage.

Name of reservoir	%
OMKARESHWAR	0
SINGUR	10
NIZAM SAGAR	47

1 reservoirs having storage 51% to 80% of normal storage.		
51% to 60%	61% to 70%	71% to 80%
0	0	1

6 Out of 44 reservoirs with significant(\*) hydropower generation, the storage build up is less than or equal to normal in 5 reservoirs.

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,

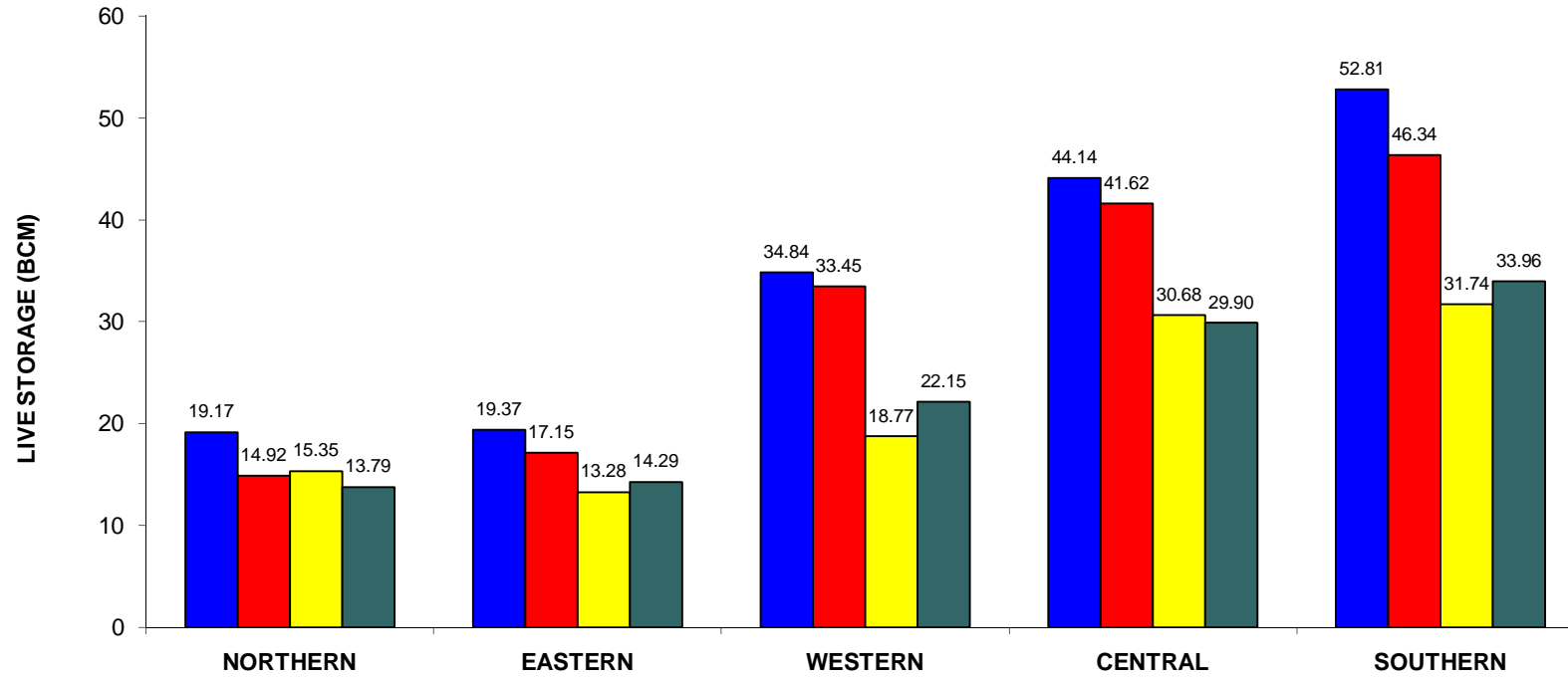
**Highly deficient :** Where shortfall is more than 60% of the normal

**TABLE-01**  
**STATUS OF CURRENT STORAGE**  
**14.11.2019**

S. NO.	REGION/STATE	NO. OF RESERVOIRS MONITORED	LIVE CAPACITY AT FRL (BCM)	LIVE STORAGE (BCM)			STORAGE AS PERCENTAGE OF LIVE CAPACITY AT FRL			% departure from 10 yrs
				CURRENT YEAR	LAST YEAR	LAST 10 YRS. AVG.	CURRENT YEAR	LAST YEAR	LAST 10 YRS. AVERAGE	
<b>NORTHERN REGION</b>										
1	H.P.	3	12.48	8.79	10.72	9.42	70	86	76	-7
2	PUNJAB	1	2.34	1.84	1.96	1.38	79	84	59	33
3	RAJASTHAN	4	4.36	4.29	2.67	2.99	99	61	69	44
<b>SUB-TOTAL</b>		<b>8</b>	<b>19.17</b>	<b>14.92</b>	<b>15.35</b>	<b>13.79</b>	<b>78</b>	<b>80</b>	<b>72</b>	<b>8</b>
<b>EASTERN REGION</b>										
1	JHARKHAND	5	1.79	1.39	1.05	1.20	78	58	67	16
2	ODISHA	8	15.33	14.18	11.27	11.97	92	73	78	19
3	W. BENGAL	2	1.39	1.07	0.46	0.61	76	33	44	76
4	TRIPURA	1	0.31	0.16	0.24	0.20	50	78	63	-21
5	NAGALAND	1	0.54	0.35	0.27	0.33	65	50	61	7
<b>SUB-TOTAL</b>		<b>17</b>	<b>19.37</b>	<b>17.15</b>	<b>13.28</b>	<b>14.29</b>	<b>89</b>	<b>69</b>	<b>74</b>	<b>20</b>
<b>WESTERN REGION</b>										
1	GUJARAT	17	17.96	17.11	8.26	9.78	95	46	54	75
2	MAH.	24	16.88	16.34	10.51	12.36	97	62	73	32
<b>SUB-TOTAL</b>		<b>41</b>	<b>34.84</b>	<b>33.45</b>	<b>18.77</b>	<b>22.15</b>	<b>96</b>	<b>54</b>	<b>64</b>	<b>51</b>
<b>CENTRAL REGION</b>										
1	U.P.	4	6.83	6.63	3.88	3.55	97	57	52	87
2	UTTARAKHAND	2	4.81	3.94	3.86	3.78	82	80	79	4
3	M.P.	9	28.40	27.59	20.31	19.84	97	72	70	39
4	CHHATISGARH	3	4.10	3.45	2.62	2.73	84	64	67	27
<b>SUB-TOTAL</b>		<b>18</b>	<b>44.14</b>	<b>41.62</b>	<b>30.68</b>	<b>29.90</b>	<b>94</b>	<b>70</b>	<b>68</b>	<b>39</b>
<b>SOUTHERN REGION</b>										
1	AP&TG	2	13.40	10.75	5.50	7.95	80	41	59	35
2	A.P	2	2.50	2.47	1.59	1.53	99	63	61	62
3	TELANGANA	4	4.23	3.08	1.31	2.28	73	31	54	35
4	KARNATAKA	16	24.63	22.83	17.13	17.08	93	70	69	34
5	KERALA	6	3.83	3.07	2.91	2.76	80	76	72	11
6	T.N.	6	4.23	4.14	3.32	2.36	98	78	56	76
<b>SUB-TOTAL</b>		<b>36</b>	<b>52.81</b>	<b>46.34</b>	<b>31.74</b>	<b>33.96</b>	<b>88</b>	<b>60</b>	<b>64</b>	<b>36</b>
<b>COUNTRY AS A WHOLE</b>		<b>120</b>	<b>170.33</b>	<b>153.47</b>	<b>109.82</b>	<b>114.09</b>	<b>90</b>	<b>64</b>	<b>67</b>	<b>35</b>

## REGIONWISE STORAGE POSITION

(As on 14.11.2019)



<b>REGION</b>	(H.P., Pun., Raj.)	(Jhar., Ori, W.B., Tripura, Nagaland)	(Guj., Mah.)	(U.P., Uttranchal, M.P., Chht. )	(A.P., TG., Kar., T.N., Ker)
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■ <b>DESIGNED CAPACITY</b>	■ <b>CURRENT STORAGE</b>	■ <b>LAST YEAR'S STORAGE</b>	■ <b>10 YRS AVG. STORAGE</b>
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**Table-02 STATEWISE DISTRIBUTION OF PROJECTS HAVING  
STORAGE 80% OR LESS OF AVG. OF LAST 10 YRS' STORAGE AS  
ON:  
14.11.2019**

<b>STATE</b>	<b>TOTAL NO OF PROJECTS MONITORE D</b>	<b>PROJECTS HAVING DEFICIENCY MORE THAN 20% OF AVG. OF LAST 10 YRS.</b>	<b>Current Year's Storage as %age of NORMAL</b>
Telengana	4	NIZAM SAGAR	47
		SINGUR	10
Mahaya Pradesh	9	OMKARESHWAR	0
Tripura	1	GUMTI	79

**Statewise distribution of projects having storage 50% or less of avg.  
Of last 10 yrs' storage as on:**

**14.11.2019**

<b>STATE</b>	<b>TOTAL NO OF PROJECTS MONITORED</b>	<b>PROJECTS HAVING DEFICIENCY MORE THAN 50% OF AVG. OF LAST 10 YRS.</b>	<b>Current Year's Storage as %age of NORMAL</b>
Telengana	4	NIZAM SAGAR	47
		SINGUR	10
Mahaya Pradesh	9	OMKARESHWAR	0



**IMD SUB-DIVISIONS HAVING LOW RAINFALL (80% or LESS THAN 80% OF NORMAL) AND STORAGE IN RESERVOIRS FALLING UNDER THESE AREAS AS ON:**

**14.11.2019**

RAINFALL POSITION*			STORAGE POSITION			
Meteorological Sub-Divisions	CUMULATIVE RAINFALL (mm) (1st October to 06th Nov 2019)	%AGE DEPARTURE FROM NORMAL	RESERVOIRS BENEFITING IMD SUB-DIVISION	LIVE STORAGE CAPACITY (BCM)	CURRENT STORAGE (BCM)	%AGE DEPARTURE FROM LAST 10 YRS AVG. STORAGE
Andaman & Nicobar Islands	212	-36	No reservoir monitored by CWC falls under this IMD sub-Division			
Arunachal Pradesh	118	-41	No reservoir monitored by CWC falls under this IMD sub-Division			
Sub- Himalayan West Bengal & Sikkim	116	-26	No reservoir monitored by CWC falls under this IMD sub-Division			
Bihar	25	-59	No reservoir monitored by CWC falls under this IMD sub-Division			
East Uttar Pradesh	25	-34	Jirgo	0.15	0.12	<b>81</b>
West Uttar Pradesh	9	-60	Matatila	0.71	0.53	<b>23</b>
			Ramganga	2.20	1.57	<b>3</b>
			Sharda Sagar	0.33	0.33	<b>47</b>
Haryana, Chandigarh & Delhi	5	-49	Gobind Sagar	6.23	4.68	<b>-6</b>
			Pong Dam	6.16	4.03	<b>-8</b>
Himachal Pradesh	25	-20	Gobind Sagar	1.16	1.16	<b>30</b>
			Pong Dam	3.28	2.84	<b>38</b>
			Kol Dam	1.39	1.39	<b>22</b>

\*Information/Data as received from IMD via e-mail.

**WEEKLY REPORT - BASINWISE**

**WEEK ENDING :- 14.11.2019**

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	30.184	27.472	91.02%	18.108	59.99%	18.219	60.36%	<b>50.79</b>
INDUS	14.819	10.629	71.73%	12.675	85.53%	10.804	72.91%	<b>-1.62</b>
NARMADA	22.344	22.078	98.81%	15.992	71.57%	14.526	65.01%	<b>51.99</b>
TAPI	7.394	7.394	100.00%	2.789	37.72%	4.907	66.36%	<b>50.68</b>
MAHI	4.012	3.588	89.43%	3.406	84.90%	3.075	76.65%	<b>16.68</b>
SABARMATI	1.042	1.019	97.79%	0.332	31.86%	0.674	64.68%	<b>51.19</b>
RIVERS OF KUTCH	1.186	0.883	74.45%	0.216	18.21%	0.536	45.19%	<b>64.74</b>
GODAVARI	17.714	15.735	88.83%	9.129	51.54%	10.817	61.06%	<b>45.47</b>
KRISHNA	33.573	29.623	88.23%	18.902	56.30%	23.053	68.67%	<b>28.50</b>
MAHANADI & NEIGHBOURING EFRS	13.471	12.049	89.44%	8.907	66.12%	10.435	77.46%	<b>15.47</b>
CAUVERY & NEIGHBOURING EFRS	8.359	8.227	98.42%	6.016	71.97%	4.844	57.95%	<b>69.84</b>
WEST FLOWING RIVERS OF SOUTH	16.230	14.775	91.04%	13.349	82.25%	12.196	75.14%	<b>21.15</b>
<b>TOTAL</b>	<b>170.328</b>	<b>153.472</b>		<b>109.821</b>		<b>114.086</b>		
<b>PERCENTAGE</b>								<b>34.52</b>

**WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA**

**WEEK ENDING :- 14.11.2019**

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	HYD EL 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	505.81	6.229	4.680	14-11-19	75	86	80	676	1379
*2	PONG DAM(BEAS)	423.67	420.36	6.157	4.026	14-11-19	65	86	71	0	396
*3	KOL DAM	642	641.56	0.089	0.082	14-11-19	92	83	91	0	800
<b><u>PUNJAB</u></b>											
*4	THEIN DAM	527.91	521.42	2.344	1.841	14-11-19	79	84	59	348	600
<b><u>RAJASTHAN</u></b>											
*5	MAHI BAJAJ SAGAR	280.75	281.50	1.711	1.711	14-11-19	100	99	89	63	140
6	JHAKAM	359.50	359.60	0.132	0.132	14-11-19	100	96	83	28	0
*7	RANA PRATAP SAGAR	352.81	352.45	1.436	1.373	14-11-19	96	40	50	229	172
8	BISALPUR	315.50	315.50	1.076	1.076	13-11-19	100	26	59	81.8	0
<b><u>EASTERN REGION</u></b>											
<b><u>JHARKHAND</u></b>											
9	TENUGHAT	269.14	260.50	0.821	0.437	14-11-19	53	48	47	0	0
10	MAITHON	146.3	149.89	0.471	0.471	14-11-19	100	54	83	342	0
*11	PANCHET HILL	124.97	128.64	0.184	0.184	14-11-19	100	73	81	0	80
12	KONAR	425.81	425.50	0.176	0.170	14-11-19	97	78	86	0	0
13	TILAIYA	368.81	368.48	0.142	0.130	14-11-19	92	89	82	0	4
<b><u>ODISHA</u></b>											
*14	HIRAKUD	192.02	192.00	5.378	4.814	12-11-19	90	77	87	153	307
*15	BALIMELA	462.08	461.53	2.676	2.570	13-11-19	96	88	68	0	360
16	SALANADI	82.30	75.39	0.558	0.347	12-11-19	62	58	39	42	0
*17	RENGALI	123.50	123.81	3.432	3.432	13-11-19	100	53	82	3	200
*18	MACHKUND(JALAPUT)	838.16	837.82	0.893	0.858	13-11-19	96	87	89	0	115
*19	UPPER KOLAB	858.00	857.21	0.935	0.860	13-11-19	92	77	67	89	320
*20	UPPER INDRAVATI	642.00	640.56	1.456	1.296	13-11-19	89	79	69	128	600
21	SAPUA	168.50	168.55	0.006	0.006	14-11-19	100	100	67	0	0
<b><u>WEST BENGAL</u></b>											
22	MAYURAKSHI	121.31	118.69	0.480	0.365	14-11-19	76	25	41	227	0
23	KANGSABATI	134.14	131.48	0.914	0.701	14-11-19	77	37	45	341	0
<b><u>TRIPURA</u></b>											
24	GUMTI	93.55	89.90	0.312	0.155	13-11-19	50	78	63	0	15
<b><u>NAGALAND</u></b>											
*25	DOYANG HEP	333.00	321.55	0.535	0.350	13-11-19	65	50	61	0	75
<b><u>WESTERN REGION</u></b>											
<b><u>GUJARAT</u></b>											
*26	UKAI	105.16	105.14	6.615	6.615	14-11-19	100	35	67	348	300
27	SABARMATI(DHAROI)	189.59	189.55	0.735	0.735	14-11-19	100	24	67	95	1
*28	KADANA	127.7	127.71	1.472	1.192	14-11-19	81	71	67	200	120
29	SHETRUNJI	55.53	55.24	0.300	0.276	14-11-19	92	30	59	36	0
30	BHADAR	107.89	107.87	0.188	0.187	14-11-19	99	26	49	27	0
31	DAMANGANGA	79.86	79.70	0.502	0.470	13-11-19	94	73	93	51	1
32	DANTIWADA	184.1	175.85	0.399	0.147	14-11-19	37	9	41	45	0
33	PANAM	127.41	127.41	0.697	0.553	14-11-19	79	76	66	36	2
*34	SARDAR SAROVAR	138.68	138.50	5.760	5.702	13-11-19	99	50	29	2120	1450
35	KARJAN	115.25	115.10	0.523	0.510	13-11-19	98	79	85	51	3
36	SUKHI(GUJ)	147.82	147.82	0.167	0.163	14-11-19	98	63	66	20.7	0
37	WATRAK	136.25	136.25	0.154	0.135	14-11-19	88	34	64	22.98	0
38	HATHMATI	180.74	180.75	0.153	0.149	14-11-19	97	65	56	5.166	0
39	MACHCHHU-I	135.33	135.33	0.071	0.069	14-11-19	97	17	42	0	0
40	MACHCHHU-II	57.3	57.30	0.091	0.084	14-11-19	92	22	36	10.13	0
41	UND-I	98	98.00	0.066	0.066	14-11-19	100	9	33	9.9	0
42	BRAHMANI(GUJ)	64.62	64.42	0.071	0.054	14-11-19	76	6	28	6.413	0

**WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA**

**WEEK ENDING :- 14.11.2019**

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	HYD EL IN MW
1	2	4	6	5	7	8	9	10	11	3A	3B
<b><u>MAHARASHTRA</u></b>											
43	JAYAKWADI(PAITHAN)	463.91	463.91	2.171	2.171	14-11-19	100	31	42	227	0
*44	KOYANA	657.90	659.13	2.652	2.652	14-11-19	100	87	91	0	1920
45	BHIMA(UJIANI)	496.83	497.33	1.517	1.517	14-11-19	100	68	77	125	12
46	ISAPUR	441.00	438.60	0.965	0.722	14-11-19	75	63	59	104	0
47	MULA	552.30	552.29	0.609	0.609	14-11-19	100	53	77	139	0
48	YELDARI	461.77	461.62	0.809	0.794	14-11-19	98	9	41	78	0
49	GIRNA	398.07	398.07	0.524	0.524	14-11-19	100	39	41	79	0
50	KHADAKVASLA	582.47	582.08	0.056	0.051	14-11-19	91	73	66	78	8
*51	UPPER VAITARNA	603.50	603.50	0.331	0.331	14-11-19	100	93	90	0	61
52	UPPER TAPI	214.00	214.00	0.255	0.255	14-11-19	100	94	99	45	0
*53	PENCH(TOTLADOH)	490.00	489.95	1.091	1.013	14-11-19	93	12	57	127	160
54	UPPER WARDHA	342.50	342.50	0.564	0.564	14-11-19	100	39	87	70	0
55	BHATSA	142.07	140.43	0.942	0.897	14-11-19	95	82	87	29.38	15
56	DHOM	747.70	747.70	0.331	0.331	14-11-19	100	74	82	36.2	2
57	DUDHGANGA	646.00	646.00	0.664	0.664	14-11-19	100	92	94	2.441	24
58	MANIKDOH	711.25	709.45	0.288	0.256	14-11-19	89	46	56	2.2	6
59	BHANDARDARA	744.91	744.73	0.304	0.304	14-11-19	100	43	87	63.74	46
60	URMODI	696.00	696.00	0.273	0.273	14-11-19	100	76	90	37	3
61	BHATGHAR	623.28	623.28	0.673	0.667	14-11-19	99	93	95	60.66	14.09
62	NIRA DEOGHAR	667.10	667.10	0.332	0.332	14-11-19	100	90	91	0	6
*63	THOKARWADI	667.14	668.15	0.353	0.353	14-11-19	100	88	75	0	72
64	KANHER	690.78	690.78	0.272	0.272	14-11-19	100	86	90	44.78	4
*65	ALWANDI	603.51	603.50	0.331	0.331	14-11-19	100	99	91	3.93	60
*66	MULSHI	607.10	604.48	0.572	0.459	14-11-19	80	80	78	0	300
<b><u>CENTRAL REGION</u></b>											
<b><u>UTTAR PRADESH</u></b>											
67	MATATILA	308.46	307.45	0.707	0.534	13-11-19	76	59	61	0	30
*68	RIHAND	268.22	263.29	5.649	5.649	14-11-19	100	56	50	0	300
69	SHARDA SAGAR	190.50	189.30	0.330	0.330	14-11-19	100	78	68	126.5	0
70	JIRGO	98.20	96.85	0.147	0.116	14-11-19	79	48	44	13.14	0
<b><u>UTTRAKHAND</u></b>											
*71	RAMGANGA	365.30	356.80	2.196	1.571	14-11-19	72	67	69	1897	198
*72	TEHRI	830.00	824.14	2.615	2.373	14-11-19	91	92	86	2351	1000
<b><u>MADHYA PRADESH</u></b>											
*73	GANDHI SAGAR	399.90	399.65	6.827	6.466	14-11-19	95	41	53	220	115
74	TAWA	355.40	355.55	1.944	1.944	11-11-19	100	72	91	247	0
*75	BARGI	422.76	422.60	3.180	3.148	11-11-19	99	81	86	157	90
*76	BANSAGAR	341.64	341.16	5.166	5.021	14-11-19	97	90	69	488	425
*77	INDIRA SAGAR	262.13	262.01	9.745	9.673	14-11-19	99	85	75	2380	1000
78	BARNA DAM	348.55	348.02	0.456	0.418	14-11-19	92	43	74	546	0
*79	OMKARESHWAR	196.60	196.36	0.299	0.253	14-11-19	85	0	0	132.5	520
80	SANJAY SAROVAR	519.38	519.25	0.508	0.404	14-11-19	80	46	65	12.65	3.45
81	KOLAR DAM	462.20	462.26	0.270	0.267	14-11-19	99	31	57	25.68	0
<b><u>CHHATTIS GARH</u></b>											
*82	MINIMATA BANGO	359.66	357.66	3.046	2.553	14-11-19	84	66	66	0	120
83	MAHANADI	348.70	347.74	0.767	0.675	13-11-19	88	70	74	319	10
84	DUDHAWA	425.10	423.59	0.284	0.222	13-11-19	78	32	47	324.5	0
<b><u>SOUTHERN REGION</u></b>											
<b><u>A.P &amp; TG</u></b>											
*85	SRISAILAM	269.75	269.26	8.288	5.752	13-11-19	69	29	56	0	770
*86	NAGARJUNA SAGAR	179.83	179.44	5.108	4.998	13-11-19	98	60	64	895	810
<b><u>ANDHRA PRADESH</u></b>											
87	SOMASILA	100.58	99.40	1.994	1.981	14-11-19	99	57	62	168	0
88	YELERU	86.56	86.30	0.508	0.493	14-11-19	97	89	56	66.6	0
<b><u>TELANGANA</u></b>											
89	SRIRAMSAGAR	332.54	332.48	2.300	2.300	14-11-19	100	43	55	411	27
90	LOWER MANAIR	280.42	279.56	0.621	0.614	14-11-19	99	40	51	199	60
91	NIZAM SAGAR	428.24	423.70	0.482	0.116	13-11-19	24	1	51	93.62	10
92	SINGUR	523.6	512.38	0.822	0.047	13-11-19	6	8	56	16.19	15

**WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA**

**WEEK ENDING : 14.11.2019**

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>											
93	KRISHNARAJA SAGARA	752.50	752.50	1.163	1.163	14-11-19	100	96	77	79	0
*94	TUNGABHADRA	497.74	497.68	3.276	2.836	14-11-19	87	50	63	529	72
95	GHATAPRABHA(HIDKAL)	662.95	662.94	1.391	1.387	11-11-19	100	81	82	317	0
96	BHADRA	657.76	657.64	1.785	1.771	11-11-19	99	89	78	106	39
97	LINGANAMAKKI	554.43	553.84	4.294	4.113	14-11-19	96	85	80	0	55
98	NARAYANPUR	492.25	492.25	0.863	0.740	13-11-19	86	44	74	425	0
99	MALAPRABHA(RENUKA)	633.83	633.83	0.972	0.972	11-11-19	100	54	55	215	0
100	KABINI	696.66	695.99	0.444	0.433	14-11-19	98	83	46	85	0
101	HEMAVATHY	890.63	889.68	0.927	0.927	14-11-19	100	56	55	265	0
102	HARANGI	871.42	869.82	0.220	0.179	14-11-19	81	43	45	53	0
103	SUPA	564.00	563.37	4.120	4.039	14-11-19	98	85	69	0	0
104	VANI VILAS SAGAR	652.28	642.32	0.802	0.235	11-11-19	29	4	16	123	0
*105	ALMATTI	519.60	519.60	3.105	3.105	13-11-19	100	52	77	0	290
*106	GERUSOPPA	55.00	49.74	0.130	0.101	13-11-19	78	88	79	83	240
*107	MANI DAM	594.36	590.37	0.884	0.676	14-11-19	76	85	69	0	469
108	TATTIHALLA	468.30	464.15	0.249	0.152	14-11-19	61	50	41	0	0
<b><u>KERALA</u></b>											
109	KALLADA(PARAPPAR)	115.82	113.96	0.507	0.446	14-11-19	88	87	80	62	0
*110	IDAMALAYAR	169.00	161.68	1.018	0.807	14-11-19	79	68	75	33	75
*111	IDUKKI	732.43	726.58	1.460	1.139	14-11-19	78	79	66	0	780
*112	KAKKI	981.46	976.45	0.447	0.364	14-11-19	81	74	77	23	300
*113	PERIYAR	867.41	864.16	0.173	0.098	14-11-19	57	64	59	84	140
114	MALAMPUZHA	115.06	114.85	0.224	0.216	14-11-19	96	81	82	21.17	2.5
<b><u>TAMIL NADU</u></b>											
115	LOWER BHAWANI	278.89	280.42	0.792	0.792	14-11-19	100	100	52	105	8
*116	METTUR(STANLEY)	240.79	240.80	2.647	2.647	14-11-19	100	69	53	122	360
117	VAIGAI	279.20	276.62	0.172	0.105	14-11-19	61	90	55	61	6
118	PARAMBIKULAM	556.26	555.99	0.380	0.374	14-11-19	98	91	75	101	0
119	ALIYAR	320.04	319.45	0.095	0.092	14-11-19	97	84	79	0	60
*120	SHOLAYAR	1002.79	1002.76	0.143	0.129	14-11-19	90	75	71	0	95
TOTAL FOR 120 RESERVOIRS				<b>170.328</b>	<b>153.472</b>						
PERCENTAGE							<b>90</b>	<b>64</b>	<b>67</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 & ALIYAR

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

† SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

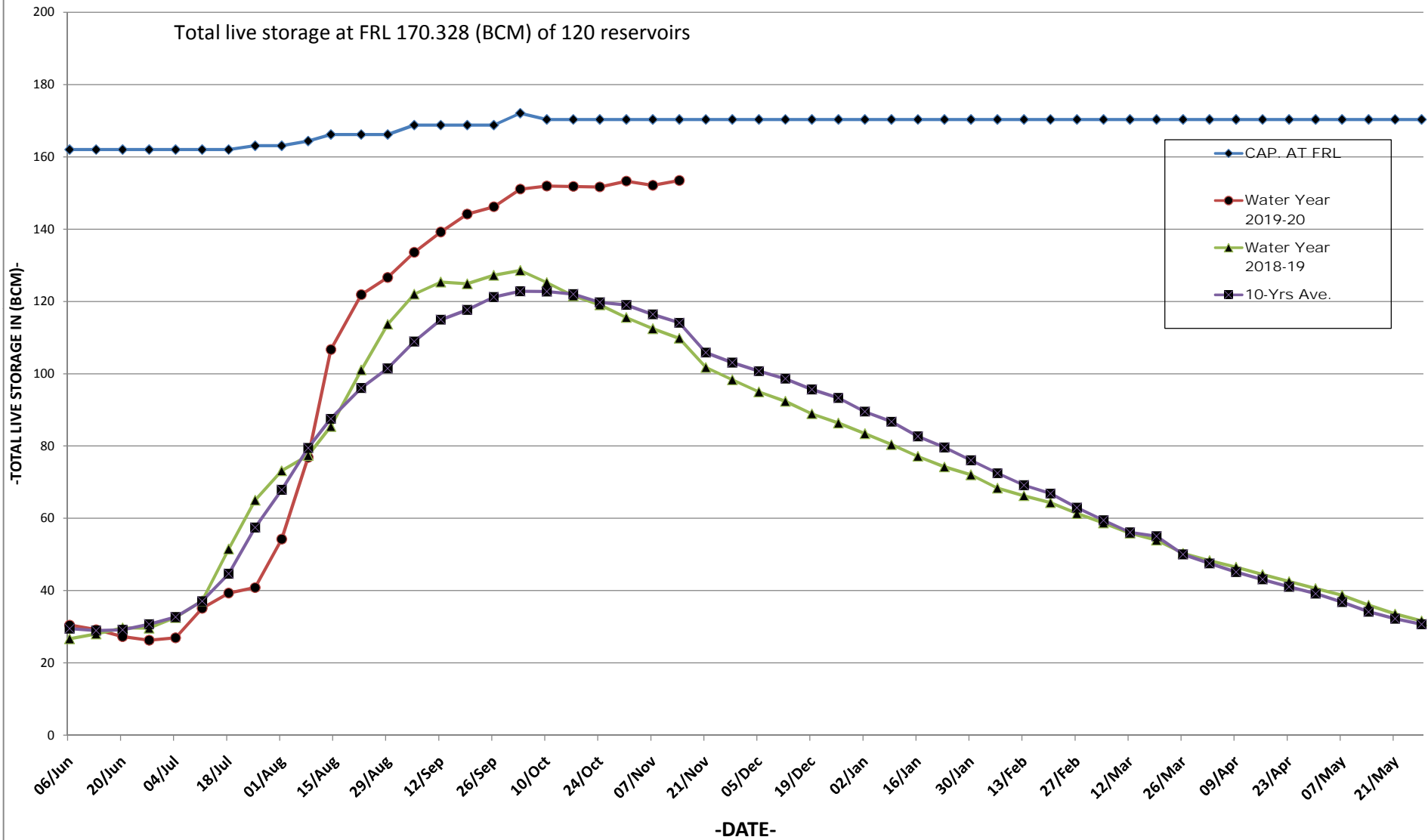
14.11.2019

TABLE-03 - CHANGE IN STORAGE FROM LAST WEEK TO THIS WEEK

S. NO.	STATE	NO. OF RESERVOIRS MONITOR	LIVE CAPACITY AT FRL (BCM)	CHANGE IN STORAGE (BCM)		
				CURRENT YEAR	LAST YEAR	10 YRS AVG.
<b>NORTHERN REGION</b>						
1	H.P.	3	12.48	-0.19	-0.19	-0.24
2	PUNJAB	1	2.34	-0.04	-0.08	-0.05
3	RAJASTHAN	4	4.36	-0.03	-0.12	-0.10
<b>SUB-TOTAL</b>		<b>8</b>	<b>19.17</b>	<b>-0.26</b>	<b>-0.38</b>	<b>-0.39</b>
<b>EASTERN REGION</b>						
1	JHARKHAND	5	1.79	0.01	-0.02	0.00
2	ORISSA	8	15.33	-0.03	-0.21	0.50
3	W. BENGAL	2	1.39	0.02	0.00	0.00
4	TRIPURA	1	0.31	0.00	-0.01	0.01
5	NAGALAND	1	0.54	-0.01	0.00	0.00
<b>SUB-TOTAL</b>		<b>17</b>	<b>19.37</b>	<b>-0.03</b>	<b>-0.24</b>	<b>0.51</b>
<b>WESTERN REGION</b>						
1	GUJARAT	17	17.96	0.00	-0.11	-0.50
2	MAH.	24	16.88	0.03	-0.42	-0.55
<b>SUB-TOTAL</b>		<b>41</b>	<b>34.84</b>	<b>0.03</b>	<b>-0.53</b>	<b>-1.05</b>
<b>CENTRAL REGION</b>						
1	U.P.	4	6.83	2.11	-0.11	-0.12
2	UTTARAKHAND	2	4.81	-0.04	-0.04	-0.04
3	M.P.	9	28.40	-0.30	-0.21	-0.72
4	CHHATISGARH	3	4.10	0.02	0.00	0.01
<b>SUB-TOTAL</b>		<b>18</b>	<b>44.14</b>	<b>1.79</b>	<b>-0.37</b>	<b>-0.88</b>
<b>SOUTHERN REGION</b>						
1	AP&TG	2	13.40	0.02	-0.29	-0.30
2	A.P	2	2.50	-0.02	-0.06	0.03
3	TELANGANA	4	4.23	0.07	-0.01	-0.17
4	KARNATAKA	16	24.63	-0.22	-0.70	-0.21
5	KERALA	6	3.83	0.02	-0.08	-0.01
6	T.N.	6	4.23	-0.03	0.01	0.15
<b>SUB-TOTAL</b>		<b>36</b>	<b>52.81</b>	<b>-0.16</b>	<b>-1.13</b>	<b>-0.51</b>
<b>COUNTRY AS A WHOLE</b>		<b>120</b>	<b>170.33</b>	<b>1.37</b>	<b>-2.65</b>	<b>-2.32</b>

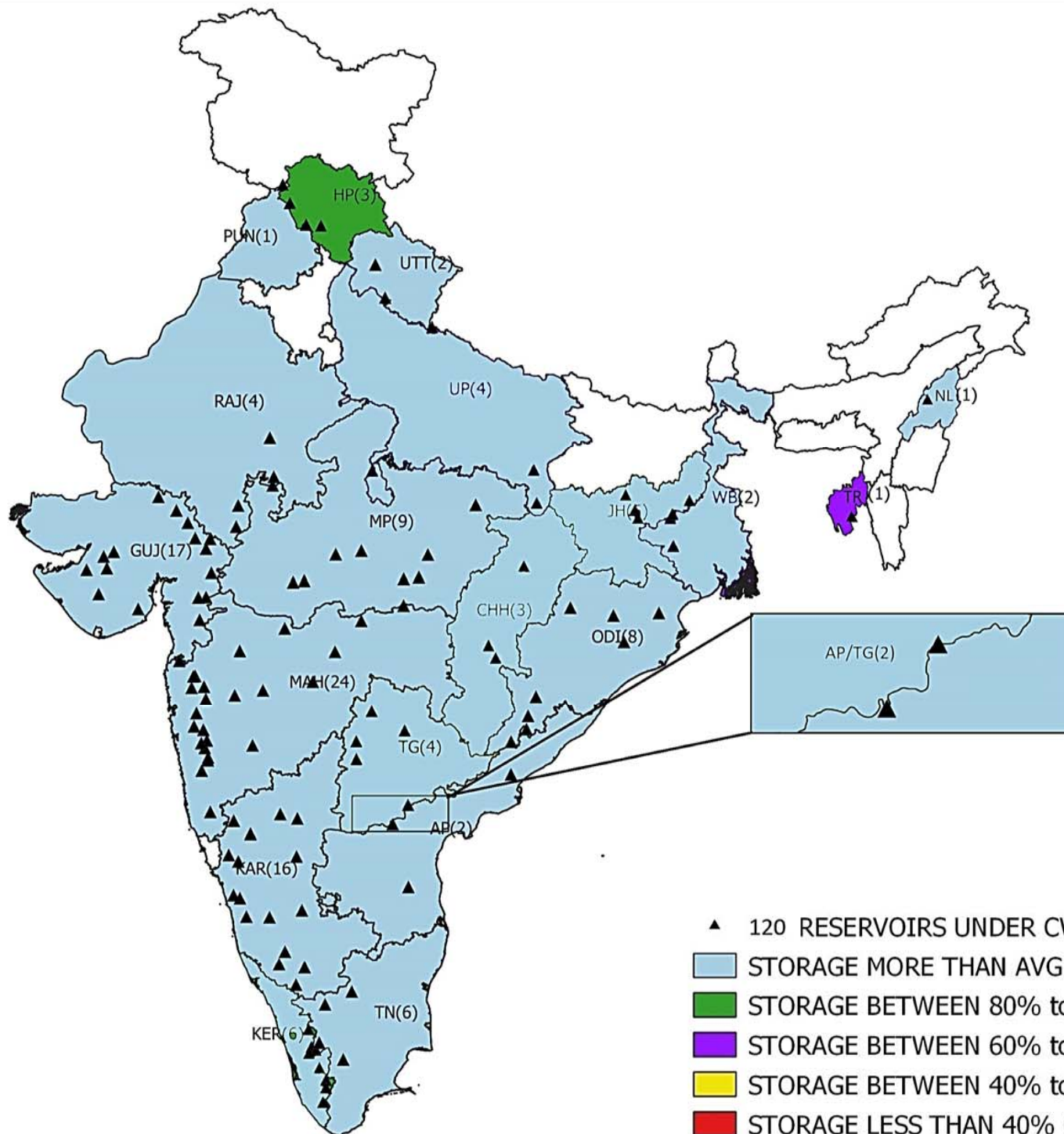
# STORAGE POSITION OF 120 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2019-2020)

AS ON 14.11.2019



# Map Indicating Statewise Storage Position

(As on 14.11.2019)





**WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA**

WEEK ENDING

14.11.2019

S.NO	NAME OF RESERVOIR	(STATE)	BENEFITS		FRL (MTS.)	LIVE CAP. AT FRL (BCM)	LATEST DATE AVAILABLE	THIS SEASON		THIS YEAR STORAGE AS % OF LIVE CAP AT FRL	LAST SEASON		LAST YEAR STORAGE AS % OF LIVE CAP AT FRL	AVG. OF LAST 10 YEARS LIVE CAP (BCM).	AVG. OF LAST 10 YRS LIVE CAP AS % OF LIVE CAP AT FRL	% OF THIS YR STORAGE TO LAST YEARS STORAGE.	% OF THIS YR STORAGE TO AVG. OF LAST 10 YRS. STORAGE.	S.No
			IRR. (CCA)IN TH. HA	HYDEL IN MW				LEVEL ( MTS)	LIVE STORAGE (BCM)		LEVEL ( MTS)	LIVE STORAGE (BCM)						
1	2		3A	3B	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	*1 SRISAILAM	AP/TG	0	770	269.75	8.288	13-11-19	269.26	5.752	69	260.36	2.444	29	4.668	56	235	123	*1
2	*2 NAGARJUNA SAGAR	AP/TG	895	810	179.83	5.108	13-11-19	179.44	4.998	98	171.60	3.051	60	3.286	64	164	152	*2
3	3 SOMASILA	AP	168	0	100.58	1.994	14-11-19	99.40	1.981	99	94.17	1.133	57	1.245	62	175	159	3
4	4 YELERU	AP	66.6	0	86.56	0.508	14-11-19	86.30	0.493	97	85.62	0.454	89	0.283	56	109	174	4
5	5 SRIRAMSAGAR	TG	411	27	332.54	2.3	14-11-19	332.48	2.300	100	326.99	0.986	43	1.257	55	233	183	5
6	6 LOWER MANAIR	TG	199	60	280.42	0.621	14-11-19	279.56	0.614	99	273.38	0.249	40	0.315	51	247	195	6
7	7 NIZAM SAGAR	TG	93.619	10	428.24	0.482	13-11-19	423.70	0.116	24	419.94	0.006	1	0.247	51	1933	47	7
8	8 SINGUR	TG	16.187	15	523.6	0.822	13-11-19	512.38	0.047	6	514.44	0.067	8	0.461	56	70	10	8
9	9 TENUGHAT	JHA	0	0	269.14	0.821	14-11-19	260.50	0.437	53	259.54	0.398	48	0.389	47	110	112	9
10	10 MAITHON	JHA	342	0	146.3	0.471	14-11-19	149.89	0.471	100	142.48	0.253	54	0.392	83	186	120	10
11	*11 PANCHET HILL	JHA	0	80	124.97	0.184	14-11-19	128.64	0.184	100	123.90	0.134	73	0.149	81	137	123	*11
12	12 KONAR	JHA	0	0	425.81	0.176	14-11-19	425.50	0.170	97	423.61	0.137	78	0.152	86	124	112	12
13	13 TILAIYA	JHA	0	4	368.81	0.142	14-11-19	368.48	0.130	92	368.38	0.126	89	0.116	82	103	112	13
14	*14 UKAI	GUJ	348	300	105.16	6.615	14-11-19	105.14	6.615	100	96.67	2.348	35	4.439	67	282	149	*14
15	15 SABARMATI(DHAROI)	GUJ	95	1	189.59	0.735	14-11-19	189.55	0.735	100	182.15	0.179	24	0.490	67	411	150	15
16	*16 KADANA	GUJ	200	120	127.7	1.472	14-11-19	127.71	1.192	81	126.32	1.050	71	0.982	67	114	121	*16
17	17 SHETRUNJI	GUJ	36	0	55.53	0.3	14-11-19	55.24	0.276	92	51.62	0.090	30	0.177	59	307	156	17
18	18 BHADAR	GUJ	27	0	107.89	0.188	14-11-19	107.87	0.187	99	103.42	0.049	26	0.092	49	382	203	18
19	19 DAMANGANGA	GUJ	51	1	79.86	0.502	13-11-19	79.70	0.470	94	77.35	0.366	73	0.469	93	128	100	19
20	20 DANTIWADA	GUJ	45	0	184.1	0.399	14-11-19	175.85	0.147	37	168.78	0.035	9	0.162	41	420	91	20
21	21 PANAM	GUJ	36	2	127.41	0.697	14-11-19	127.41	0.553	79	127.05	0.528	76	0.463	66	105	119	21
22	*22 SARDAR SAROVAR	GUJ	2120	1450	138.68	5.76	13-11-19	138.50	5.702	99	128.60	2.901	50	1.667	29	197	342	*22
23	23 KARJAN	GUJ	51	3	115.25	0.523	13-11-19	115.10	0.510	98	111.54	0.411	79	0.443	85	124	115	23
24	24 SUKHI(GUJ)	GUJ	20.701	0	147.82	0.167	14-11-19	147.82	0.163	98	144.87	0.106	63	0.110	66	154	148	24
25	25 WATRAK	GUJ	22.977	0	136.25	0.154	14-11-19	136.25	0.135	88	132.28	0.053	34	0.098	64	255	138	25
26	26 HATHMATI	GUJ	5.166	0	180.74	0.153	14-11-19	180.75	0.149	97	179.04	0.100	65	0.086	56	149	173	26
27	27 MACHCHHU-I	GUJ	0	0	135.33	0.071	14-11-19	135.33	0.069	97	128.16	0.012	17	0.030	42	575	230	27
28	28 MACHCHHU-II	GUJ	10.13	0	57.3	0.091	14-11-19	57.30	0.084	92	52.40	0.020	22	0.033	36	420	255	28
29	29 UND-I	GUJ	9.9	0	98	0.066	14-11-19	98.00	0.066	100	92.07	0.006	9	0.022	33	1100	300	29
30	30 BRAHMANI(GUJ)	GUJ	6.413	0	64.62	0.071	14-11-19	64.42	0.054	76	58.11	0.004	6	0.020	28	1350	270	30
31	*31 GOBIND SAGAR(BHAKRA)	HP	676	1379	512.06	6.229	14-11-19	505.81	4.680	75	508.10	5.338	86	4.973	80	88	94	*31
32	*32 PONG DAM(BEAS)	HP	0	396	423.67	6.157	14-11-19	420.36	4.026	65	421.11	5.304	86	4.366	71	76	92	*32
33	*33 KOL DAM	HP	0	800	642	0.089	14-11-19	641.56	0.082	92	641.29	0.074	83	0.081	91	111	101	*33
34	34 KRISHNARAJA SAGARA	KAR	79	0	752.5	1.163	14-11-19	752.50	1.163	100	751.21	1.115	96	0.895	77	104	130	34
35	*35 TUNGABHADRA	KAR	529	72	497.74	3.276	14-11-19	497.68	2.836	87	493.73	1.638	50	2.059	63	173	138	*35
36	36 GHATAPRABHA(HIDKAL)	KAR	317	0	662.95	1.391	11-11-19	662.94	1.387	100	659.39	1.132	81	1.140	82	123	122	36
37	37 BHADRA	KAR	106	39	657.76	1.785	11-11-19	657.64	1.771	99	655.97	1.582	89	1.396	78	112	127	37
38	38 LINGANAMAKKI	KAR	0	55	554.43	4.294	14-11-19	553.84	4.113	96	552.21	3.633	85	3.437	80	113	120	38
39	39 NARAYANPUR	KAR	425	0	492.25	0.863	13-11-19	492.25	0.740	86	489.07	0.384	44	0.636	74	193	116	39
40	40 MALAPRABHA(RENUKA)	KAR	215	0	633.83	0.972	11-11-19	633.83	0.972	100	629.78	0.528	54	0.537	55	184	181	40
41	41 KABINI	KAR	85	0	696.66	0.444	14-11-19	695.99	0.433	98	694.86	0.369	83	0.206	46	117	210	41
42	42 HEMAVATHY	KAR	265	0	890.63	0.927	14-11-19	889.68	0.927	100	883.95	0.521	56	0.507	55	178	183	42
43	43 HARANGI	KAR	53	0	871.42	0.22	14-11-19	869.82	0.179	81	864.50	0.095	43	0.098	45	188	183	43
44	44 SUPA	KAR	0	0	564	4.12	14-11-19	563.37	4.039	98	558.79	3.506	85	2.828	69	115	143	44
45	45 VANI VILAS SAGAR	KAR	123	0	652.28	0.802	11-11-19	642.32	0.235	29	633.16	0.029	4	0.127	16	810	185	45
46	*46 ALMATTI	KAR	0	290	519.6	3.105	13-11-19	519.60	3.105	100	515.59	1.601	52	2.395	77	194	130	*46
47	*47 GERUSOPPA	KAR	83	240	55	0.13	13-11-19	49.74	0.101	78	52.25	0.114	88	0.103	79	89	98	*47
48	*48 MANI DAM	KAR	0	469	594.36	0.884	14-11-19	590.37	0.676	76	591.94	0.753	85	0.613	69	90	110	*48
49	49 TATTIHALLA	KAR	0	0	468.3	0.249	14-11-19	464.15	0.152	61	462.65	0.125	50	0.101	41	122	150	49

**WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA**

WEEK ENDING

14.11.2019

S.NO	NAME OF RESERVOIR	(STATE)	BENEFITS		FRL (MTS.)	LIVE CAP. AT FRL (BCM)	LATEST DATE AVAILABLE	THIS SEASON		THIS YEAR STORAGE AS % OF LIVE CAP AT FRL	LAST SEASON		LAST YEAR STORAGE AS % OF LIVE CAP AT FRL	AVG. OF LAST 10 YRS LIVE CAP (BCM).	AVG. OF LAST 10 YRS LIVE CAP AS % OF LIVE CAP AT FRL	% OF THIS YR STORAGE TO LAST YEARS STORAGE.	% OF THIS YR STORAGE TO AVG. OF LAST 10 YRS. STORAGE.	S.No
			IRR. (CCA) IN TH. HA	HYDEL IN MW				LEVEL ( MTS)	LIVE STORAGE (BCM)		LEVEL (MTS)	LIVE STORAGE (BCM)						
1	2		3A	3B	4	5	6	7	8	9	10	11	12	13	14	15	16	17
50	50 KALLADA(PARAPPAR)	KRL	62	0	115.82	0.507	14-11-19	113.96	0.446	88	113.68	0.439	87	0.405	80	102	110	50
51	*51 IDAMALAYAR	KRL	33	75	169	1.018	14-11-19	161.68	0.807	79	157.64	0.696	68	0.762	75	116	106	*51
52	*52 IDUKKI	KRL	0	780	732.43	1.46	14-11-19	726.58	1.139	78	726.84	1.153	79	0.970	66	99	117	*52
53	*53 KAKKI	KRL	23	300	981.46	0.447	14-11-19	976.45	0.364	81	974.85	0.330	74	0.342	77	110	106	*53
54	*54 PERIYAR	KRL	84	140	867.41	0.173	14-11-19	864.16	0.098	57	864.77	0.110	64	0.102	59	89	96	*54
55	55 MALAMPUZHA	KRL	21.165	2.5	115.06	0.224	14-11-19	114.85	0.216	96	113.29	0.182	81	0.183	82	119	118	55
56	*56 GANDHI SAGAR	MP	220	115	399.9	6.827	14-11-19	399.65	6.466	95	392.45	2.832	41	3.633	53	228	178	*56
57	57 TAWA	MP	247	0	355.4	1.944	11-11-19	355.55	1.944	100	351.71	1.405	72	1.762	91	138	110	57
58	*58 BARGI	MP	157	90	422.76	3.18	11-11-19	422.60	3.148	99	420.50	2.590	81	2.738	86	122	115	*58
59	*59 BANSAGAR	MP	488	425	341.64	5.166	14-11-19	341.16	5.021	97	340.53	4.673	90	3.569	69	107	141	*59
60	*60 INDIRA SAGAR	MP	2380	1000	262.13	9.745	14-11-19	262.01	9.673	99	260.43	8.297	85	7.312	75	117	132	*60
61	61 BARNA DAM	MP	546	0	348.55	0.456	14-11-19	348.02	0.418	92	344.31	0.197	43	0.339	74	212	123	61
62	*62 OMKARESHWAR	MP	132.5	520	196.6	0.299	14-11-19	196.36	0.253	85	192.27	0.000	0	0.000	0	0	0	*62
63	63 SANJAY SAROVAR	MP	12.646	3.45	519.38	0.508	14-11-19	519.25	0.404	80	515.35	0.234	46	0.331	65	173	122	63
64	64 KOLAR DAM	MP	25.677	0	462.2	0.27	14-11-19	462.26	0.267	99	449.42	0.085	31	0.155	57	314	172	64
65	*65 MINIMATA BANGO	CHH	0	120	359.66	3.046	14-11-19	357.66	2.553	84	354.08	1.996	66	2.023	66	128	126	*65
66	66 MAHANADI	CHH	319	10	348.7	0.767	13-11-19	347.74	0.675	88	346.05	0.537	70	0.569	74	126	119	66
67	67 DUDHAWA	CHH	324.535	0	425.1	0.284	13-11-19	423.59	0.222	78	418.75	0.090	32	0.133	47	247	167	67
68	68 JAYAKWADI(PAITHAN)	MAH	227	0	463.91	2.171	14-11-19	463.91	2.171	100	459.08	0.668	31	0.919	42	325	236	68
69	*69 KOYANA	MAH	0	1920	657.9	2.652	14-11-19	659.13	2.652	100	655.02	2.319	87	2.413	91	114	110	*69
70	70 BHIMA(UJJANI)	MAH	125	12	496.83	1.517	14-11-19	497.33	1.517	100	495.27	1.027	68	1.162	77	148	131	70
71	71 ISAPUR	MAH	104	0	441	0.965	14-11-19	438.60	0.722	75	437.14	0.604	63	0.571	59	120	126	71
72	72 MULA	MAH	139	0	552.3	0.609	14-11-19	552.29	0.609	100	546.03	0.321	53	0.466	77	190	131	72
73	73 YELDARI	MAH	78	0	461.77	0.809	14-11-19	461.62	0.794	98	450.27	0.071	9	0.331	41	1118	240	73
74	74 GIRNA	MAH	79	0	398.07	0.524	14-11-19	398.07	0.524	100	390.24	0.202	39	0.215	41	259	244	74
75	75 KHADAKVASLA	MAH	78	8	582.47	0.056	14-11-19	582.08	0.051	91	581.38	0.041	73	0.037	66	124	138	75
76	*76 UPPER VAITARNA	MAH	0	61	603.5	0.331	14-11-19	603.50	0.331	100	602.74	0.307	93	0.298	90	108	111	*76
77	77 UPPER TAPI	MAH	45	0	214	0.255	14-11-19	214.00	0.255	100	213.74	0.239	94	0.253	99	107	101	77
78	*78 PENCH(TOTLADOH)	MAH	127	160	490	1.091	14-11-19	489.95	1.013	93	471.79	0.136	12	0.627	57	745	162	*78
79	79 UPPER WARDHA	MAH	70	0	342.5	0.564	14-11-19	342.50	0.564	100	337.72	0.218	39	0.490	87	259	115	79
80	80 BHATSA	MAH	29.378	15	142.07	0.942	14-11-19	140.43	0.897	95	135.53	0.773	82	0.820	87	116	109	80
81	81 DHOM	MAH	36.2	2	747.7	0.331	14-11-19	747.70	0.331	100	743.71	0.245	74	0.273	82	135	121	81
82	82 DUDHGANGA	MAH	2.441	24	646	0.664	14-11-19	646.00	0.664	100	643.97	0.611	92	0.625	94	109	106	82
83	83 MANIKDOH	MAH	2.2	6	711.25	0.288	14-11-19	709.45	0.256	89	700.97	0.132	46	0.160	56	194	160	83
84	84 BHANDARDARA	MAH	63.74	46	744.91	0.304	14-11-19	744.73	0.304	100	731.80	0.131	43	0.263	87	232	116	84
85	85 URMODI	MAH	37	3	696	0.273	14-11-19	696.00	0.273	100	691.60	0.207	76	0.246	90	132	111	85
86	86 BHATGHAR	MAH	60.656	14.09	623.28	0.673	14-11-19	623.28	0.667	99	622.12	0.628	93	0.637	95	106	105	86
87	87 NIRA DEOGHAR	MAH	0	6	667.1	0.332	14-11-19	667.10	0.332	100	664.75	0.299	90	0.302	91	111	110	87
88	*88 THOKARWADI	MAH	0	72	667.14	0.353	14-11-19	668.15	0.353	100	665.47	0.310	88	0.266	75	114	133	*88
89	89 KANHER	MAH	44.78	4	690.78	0.272	14-11-19	690.78	0.272	100	688.71	0.235	86	0.244	90	116	111	89
90	*90 ALWANDI	MAH	3.93	60	603.51	0.331	14-11-19	603.50	0.331	100	603.41	0.329	99	0.300	91	101	110	*90
91	*91 MULSHI	MAH	0	300	607.1	0.572	14-11-19	604.48	0.459	80	604.48	0.459	80	0.444	78	100	103	*91
92	*92 DOYANG HEP	NAG	0	75	333	0.535	13-11-19	321.55	0.350	65	315.35	0.268	50	0.326	61	131	107	*92
93	*93 HIRAKUD	ORI	153	307	192.02	5.378	12-11-19	192.00	4.814	90	190.89	4.120	77	4.684	87	117	103	*93
94	*94 BALIMELA	ORI	0	360	462.08	2.676	13-11-19	461.53	2.570	96	460.37	2.347	88	1.825	68	110	141	*94
95	95 SALANADI	ORI	42	0	82.3	0.558	12-11-19	75.39	0.347	62	74.54	0.323	58	0.216	39	107	161	95
96	*96 RENGALI	ORI	3	200	123.5	3.432	13-11-19	123.81	3.432	100	118.52	1.835	53	2.806	82	187	122	*96
97	*97 MACHKUND(JALAPUT)	ORI	0	115	838.16	0.893	13-11-19	837.82	0.858	96	836.97	0.775	87	0.796	89	111	108	*97
98	*98 UPPER KOLAB	ORI	89	320	858	0.935	13-11-19	857.21	0.860	92	855.69	0.716	77	0.624	67	120	138	*98
99	*99 UPPER INDRAVATI	ORI	128	600	642	1.456	13-11-19	640.56	1.296	89	639.10	1.146	79	1.011	69	113	128	*99
100	100 SAPUA	ORI	0	0	168.5	0.006	14-11-19	168.55	0.006	100	168.48	0.006	100	0.004	67	100	150	100
101	*101 THEIN DAM	PUN	348	600	527.91	2.344	14-11-19	521.42	1.841	79	523.07	1.959	84	1.384	59	94	133	*101

**WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA**

WEEK ENDING

14.11.2019

S.No	NAME OF RESERVOIR	(STATE)	BENEFITS		FRL (MTS.)	LIVE CAP. AT FRL (BCM)	LATEST DATE AVAILABLE	THIS SEASON		THIS YEAR STORAGE AS % OF LIVE CAP AT FRL	LAST SEASON		LAST YEAR STORAGE AS % OF LIVE CAP AT FRL	AVG. OF LAST 10 YEARS LIVE CAP (BCM).	AVG. OF LAST 10 YRS LIVE CAP AS % OF LIVE CAP AT FRL	% OF THIS YR STORAGE TO LAST YEARS STORAGE.	% OF THIS YR STORAGE TO AVG. OF LAST 10 YRS. STORAGE.	S.No
			IRR. (CCA) IN TH. HA	HYDEL IN MW				LEVEL (MTS)	LIVE STORAGE (BCM)		LEVEL (MTS)	LIVE STORAGE (BCM)						
1	2		3A	3B	4	5	6	7	8	9	10	11	12	13	14	15	16	17
102	*102 MAHI BAJAJ SAGAR	RAJ	63	140	280.75	1.711	14-11-19	281.50	1.711	100	280.60	1.701	99	1.521	89	101	112	*102
103	103 JHAKAM	RAJ	28	0	359.5	0.132	14-11-19	359.60	0.132	100	358.95	0.127	96	0.109	83	104	121	103
104	*104 RANA PRATAP SAGAR	RAJ	229	172	352.81	1.436	14-11-19	352.45	1.373	96	347.93	0.569	40	0.716	50	241	192	*104
105	105 BISALPUR	RAJ	81.8	0	315.5	1.076	13-11-19	315.50	1.076	100	309.87	0.276	26	0.640	59	390	168	105
106	106 LOWER BHAWANI	TN	105	8	278.89	0.792	14-11-19	280.42	0.792	100	278.82	0.792	100	0.408	52	100	194	106
107	*107 METTUR(STANLEY)	TN	122	360	240.79	2.647	14-11-19	240.80	2.647	100	234.71	1.837	69	1.391	53	144	190	*107
108	108 VAIGAI	TN	61	6	279.2	0.172	14-11-19	276.62	0.105	61	278.42	0.154	90	0.094	55	68	112	108
109	109 PARAMBIKULAM	TN	101	0	556.26	0.38	14-11-19	555.99	0.374	98	554.65	0.346	91	0.286	75	108	131	109
110	110 ALIYAR	TN	0	60	320.04	0.095	14-11-19	319.45	0.092	97	317.57	0.080	84	0.075	79	115	123	110
111	*111 SHOLAYAR	TN	0	95	1002.79	0.143	14-11-19	1002.76	0.129	90	998.52	0.107	75	0.102	71	121	126	*111
112	112 GUMTI	TRP	0	15	93.55	0.312	13-11-19	89.90	0.155	50	92.05	0.242	78	0.195	63	64	79	112
113	113 MATATILA	UP	0	30	308.46	0.707	13-11-19	307.45	0.534	76	306.29	0.416	59	0.434	61	128	123	113
114	*114 RIHAND	UP	0	300	268.22	5.649	14-11-19	263.29	5.649	100	262.28	3.137	56	2.831	50	180	200	*114
115	115 SHARDA SAGAR	UP	126.5	0	190.5	0.33	14-11-19	189.30	0.330	100	189.24	0.259	78	0.225	68	127	147	115
116	116 JIRGO	UP	13.14	0	98.2	0.147	14-11-19	96.85	0.116	79	94.43	0.070	48	0.064	44	166	181	116
117	*117 RAMGANGA	UKH	1897	198	365.3	2.196	14-11-19	356.80	1.571	72	355.07	1.462	67	1.526	69	107	103	*117
118	*118 TEHRI	UKH	2351	1000	830	2.615	14-11-19	824.14	2.373	91	824.70	2.398	92	2.255	86	99	105	*118
119	119 MAYURAKSHI	WB	227	0	121.31	0.48	14-11-19	118.69	0.365	76	112.01	0.122	25	0.196	41	299	186	119
120	120 KANGSABATI	WB	341	0	134.14	0.914	14-11-19	131.48	0.701	77	126.28	0.336	37	0.411	45	209	171	120
<b>TOTAL FOR 120 RESERVOIRS</b>			<b>21169</b>	<b>18648.04</b>		<b>170.328</b>		<b>153.472</b>			<b>109.821</b>		<b>114.086</b>			<b>140</b>	<b>135</b>	
<b>PERCENTAGE</b>								<b>90</b>			<b>64</b>		<b>67</b>			<b>140</b>	<b>135</b>	

\* HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW  
 \$ TOTAL CCA 342 TH. HA OF DVC SYSTEM  
 # TOTAL CCA 101 TH. HA OF PARAMBIKULAM & ALIYAR  
 @ TOTAL CCA 425 TH. HA. OF NARAYANPUR AND ALMATTI  
 † SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

Sd/-  
Director  
W. M. , CWC