

## **BRIEF NOTE ON LIVE STORAGE STATUS OF 123 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 09.07.2020)**

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

Central Water Commission is monitoring live storage status of 123 reservoirs of the country on weekly basis and is issuing weekly bulletin on every Thursday. Out of these reservoirs, 43 reservoirs have hydropower benefit with installed capacity of more than 60 MW. The total live storage capacity of these 123 reservoirs is **171.090 BCM** which is about **66.36%** 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 **09.07.2020**, live storage available in these reservoirs is **57.974 BCM**, which is **34%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **34.739 BCM** and the average of last 10 years live storage was **39.726 BCM**. Thus, the live storage available in 123 reservoirs as per **09.07.2020 Bulletin** is **167%** of the live storage of corresponding period of last year and **146%** 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 **09.07.2020**, the total live storage available in these reservoirs is **7.53 BCM** which is **39%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **39%** and average storage of last ten years during corresponding period was **33%** of live storage capacity of these reservoirs. Thus, storage during current year is equal to the corresponding period of last year and 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 18 reservoirs under CWC monitoring having total live storage capacity of 19.43 BCM. As per Reservoir Storage Bulletin dated **09.07.2020**, the total live storage available in these reservoirs is **5.13 BCM** which is **26%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **17%** and average storage of last ten years during corresponding period was **19%** of live storage capacity of these reservoirs. Thus, storage during current year is 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 42 reservoirs under CWC monitoring having total live storage capacity of 35.24 BCM. As per Reservoir Storage Bulletin dated **09.07.2020**, the total live storage available in these reservoirs is **12.73 BCM** which is **36%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **14%** and average storage of last ten years during corresponding period was **20%** 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 19 reservoirs under CWC monitoring having total live storage capacity of 44.45BCM. As per Reservoir Storage Bulletin dated **09.07.2020**, the total live storage available in these reservoirs is **18.18 BCM** which is **41%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **23%** and average storage of last ten years during corresponding period was **24%** 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 36reservoirs under CWC monitoring having total live storage capacity of 52.81 BCM. As per Reservoir Storage Bulletin dated **09.07.2020**, the total live storage available in these reservoirs is **14.41 BCM** which is **27%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **16%** and average storage of last ten years during corresponding period was **23%** 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 Ganga, Indus, Narmada, Tapi, Mahi, Sabarmati, Rivers of Kutch, Godavari, Krishna, Mahanadi & Neighboring East Flowing Rivers and Cauvery & neighbouring EFRs. Close to Normal in West Flowing Rivers of South 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 **86** and reservoirs having storage more than average of last ten years are **88**. The numbers of reservoirs having storage less than or equal to 20% with respect to last year is **14** and having storage less than or equal to 20% with reference to average of last ten years is **4**. The number of reservoirs having storage less than or equal to 50% with respect to last year are **16** and having storage less than or equal to 50% with reference to average of last ten years are **8**.

States having better storage (in %) than last year for corresponding period: Rajasthan, Punjab, Jharkhand, Odisha, West Bengal, Tripura , 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.

**Disclaimer:** The Data contained in this Bulletin is as received from the State Government/Project Authorities.

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

**AS ON : 09-07-2020**

1 Central Water Commission is monitoring storage status of 123 important reservoirs spread all over the country, in which 43 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 123 important reservoirs in different parts of the country, monitored by CWC as on **09-07-2020** is **57.974** BCM ( **34** percent of the live storage capacity at FRL ).The current year's storage is nearly **167** percent of last year's storage and **146** percent of the average of last ten years.

**3 Region wise storage status:-**

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 123 reservoirs w.r.t. FRL								Departure from Normal storage	
	100%	91%-99%	81%-90%	71%-80%	61%-70%	51%-60%	41%-50%	40% & below		
NORTH (HP,Punjab & Rajasthan), (8 Resv.)	-	-	-	-	-	1	3	4	H.P.	15 %
									PUNJAB	1 %
									RAJASTHAN	39 %
EAST (Jharkhand,Odisha, Tripura, Nagaland & W.Bengal ) ( 18 Resv.)	1	-	-	2	1	3	3	8	JHARKHAND	11 %
									ODISHA	40 %
									W. BENGAL	83 %
									TRIPURA	17 %
									NAGALAND	22 %
WEST (Guj.& Mah.), (42 Resv.)	-	-	2	1	1	4	4	30	GUJARAT	87 %
									MAH.	70 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (19 Resv)	-	-	-	3	2	4	2	8	U.P.	91 %
									UTTARAKHAND	58 %
									M.P.	77 %
									CHHATISGARH	61 %
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), ( 36 Resv.)	-	-	-	1	2	1	4	28	AP&TG	29 %
									A.P	59 %
									TELANGANA	56 %
									KARNATAKA	15 %
									KERALA	-23 %
									T.N.	42 %
Status of 123 reservoirs	1	0	2	7	6	13	16	78		

**4 Basin wise storage position:**

**Better than normal:**

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

**Close to normal:** West Flowing Rivers of South.

**Deficient:** NIL

**Highly deficient:** NIL

5 Out of 123 reservoirs, **103** reservoirs reported more than 80% of normal storage & **20** reservoirs reported 80% or below of normal storage. Out of these **20** reservoirs **8** having storage upto 50% of normal storage.

Name of reservoir	%
SINGUR	0
BHIMA(UJJANI)	0
ALIYAR	0
DANTIWADA	0
TATTIHALLA	43
PERIYAR	44
MALAMPUZHA	45
MANI DAM	48

12 reservoirs having storage 51% to 80% of normal storage.		
51% to 60%	61% to 70%	71% to 80%
4	5	3

6 Out of **43** reservoirs with significant(\*) hydropower generation, the storage build up is less than or equal to normal in **14** 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,

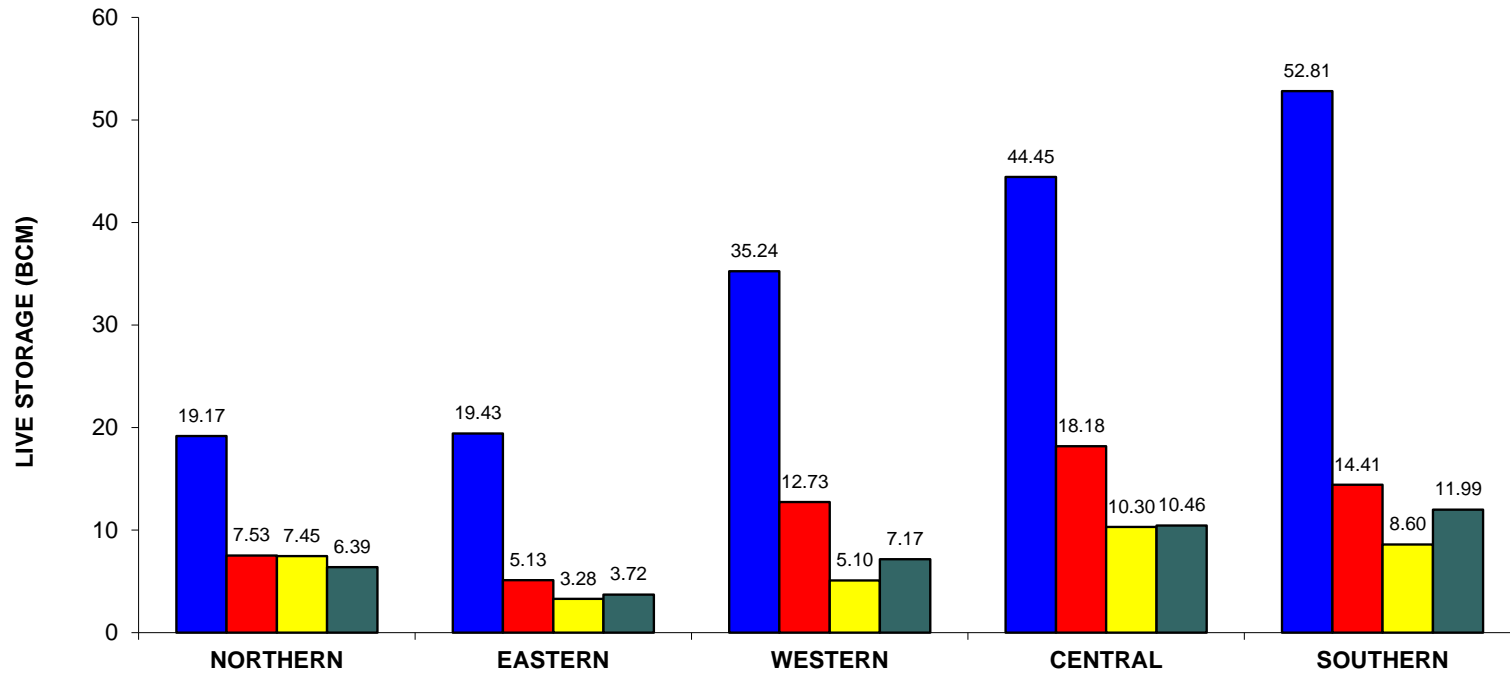
**Highly deficient :** Where shortfall is more than 60% of the normal

**TABLE-01**  
**STATUS OF CURRENT STORAGE**  
**09-07-2020**

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><u>NORTHERN REGION</u></b>										
1	H.P.	3	12.48	4.47	4.83	3.87	36	39	31	15
2	PUNJAB	1	2.34	1.17	1.11	1.17	50	47	50	1
3	RAJASTHAN	4	4.36	1.89	1.52	1.36	43	35	31	39
<b>SUB-TOTAL</b>		<b>8</b>	<b>19.17</b>	<b>7.53</b>	<b>7.45</b>	<b>6.39</b>	<b>39</b>	<b>39</b>	<b>33</b>	<b>18</b>
<b><u>EASTERN REGION</u></b>										
1	JHARKHAND	5	1.79	0.74	0.50	0.67	41	28	37	11
2	ODISHA	9	15.39	3.07	2.13	2.19	20	14	14	40
3	W. BENGAL	2	1.39	0.84	0.39	0.46	60	28	33	83
4	TRIPURA	1	0.31	0.17	0.09	0.14	54	29	46	17
5	NAGALAND	1	0.54	0.31	0.17	0.26	59	32	48	22
<b>SUB-TOTAL</b>		<b>18</b>	<b>19.43</b>	<b>5.13</b>	<b>3.28</b>	<b>3.72</b>	<b>26</b>	<b>17</b>	<b>19</b>	<b>38</b>
<b><u>WESTERN REGION</u></b>										
1	GUJARAT	17	17.96	6.24	2.73	3.34	35	15	19	87
2	MAH.	25	17.27	6.49	2.37	3.83	38	14	22	70
<b>SUB-TOTAL</b>		<b>42</b>	<b>35.24</b>	<b>12.73</b>	<b>5.10</b>	<b>7.17</b>	<b>36</b>	<b>14</b>	<b>20</b>	<b>78</b>
<b><u>CENTRAL REGION</u></b>										
1	U.P.	4	6.83	2.08	0.75	1.09	30	11	16	91
2	UTTARAKHAND	2	4.81	1.53	0.76	0.97	32	16	20	58
3	M.P.	9	28.40	11.47	7.02	6.48	40	25	23	77
4	CHHATISGARH	4	4.41	3.10	1.78	1.92	70	40	44	61
<b>SUB-TOTAL</b>		<b>19</b>	<b>44.45</b>	<b>18.18</b>	<b>10.30</b>	<b>10.46</b>	<b>41</b>	<b>23</b>	<b>24</b>	<b>74</b>
<b><u>SOUTHERN REGION</u></b>										
1	AP&TG	2	13.40	1.98	0.81	1.54	15	6	11	29
2	A.P	2	2.50	0.80	0.48	0.50	32	19	20	59
3	TELANGANA	4	4.23	1.18	0.25	0.76	28	6	18	56
4	KARNATAKA	16	24.63	7.71	5.87	6.71	31	24	27	15
5	KERALA	6	3.83	0.91	0.56	1.19	24	15	31	-23
6	T.N.	6	4.23	1.84	0.63	1.30	44	15	31	42
<b>SUB-TOTAL</b>		<b>36</b>	<b>52.81</b>	<b>14.41</b>	<b>8.60</b>	<b>11.99</b>	<b>27</b>	<b>16</b>	<b>23</b>	<b>20</b>
<b>COUNTRY AS A WHOLE</b>		<b>123</b>	<b>171.09</b>	<b>57.97</b>	<b>34.74</b>	<b>39.73</b>	<b>34</b>	<b>20</b>	<b>23</b>	<b>46</b>

## REGION-WISE STORAGE POSITION

(As on 09.07.2020)



REGION	(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)
--------	--------------------	---------------------------------------	--------------	---------------------------------	------------------------------

■ DESIGNED CAPACITY	■ CURRENT STORAGE	■ LAST YEAR'S STORAGE	■ 10 YRS AVG. STORAGE
---------------------	-------------------	-----------------------	-----------------------

**Table-02 STATEWISE DISTRIBUTION OF PROJECTS HAVING STORAGE 80% OR LESS OF AVG. OF LAST 10 YRS' STORAGE AS ON: 09-07-2020**

STATE	TOTAL NO OF PROJECTS MONITORED	PROJECTS HAVING DEFICIENCY MORE THAN 20% OF AVG. OF LAST 10 YRS.	Current Year's Storage as %age of NORMAL
Telengana	4	NIZAM SAGAR	61
		SINGUR	0
Gujarat	17	DANTIWADA	0
	3	KOL DAM	74
	16	TUNGABHADRA	51
		MANI DAM	48
Karnataka		TATTIHALLA	43
Kerala	6	KALLADA(PARAPPAR)	78
		IDAMALAYAR	57
		KAKKI	64
		PERIYAR	44
		MALAMPUZHA	45
Maharashtra	25	BHIMA(UJJANI)	0
		UPPER TAPI	76
		NIRA DEOGHAR	62
		VAIGAI	58
Tamil Nadu	6	PARAMBIKULAM	68
		ALIYAR	0
		SHOLAYAR	66
Uttar Pradesh	4	MATATILA	51

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

**09-07-2020**

<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	SINGUR	0
Gujarat	17	DANTIWADA	0
Karnataka	16	MANI DAM	48
		TATTIHALLA	43
Kerala	6	PERIYAR	44
		MALAMPUZHA	45
Maharashtra	25	BHIMA(UJJANI)	0
Tamil Nadu	6	ALIYAR	0



IMD SUB-DIVISIONS HAVING LOW RAINFALL (80% or LESS THAN 80% OF NORMAL) AND STORAGE IN RESERVOIRS FALLING UNDER THESE AREAS AS ON:						
09-07-2020						
RAINFALL POSITION*			STORAGE POSITION			
Meteorological Sub-Divisions	CUMULATIVE RAINFALL (mm) (1st June to 1st July 2020)	%AGE DEPARTURE FROM NORMAL	RESERVOIRS BENEFITING IMD SUB-DIVISION	LIVE STORAGE CAPACITY (BCM)	CURRENT STORAGE (BCM)	%AGE DEPARTURE FROM LAST 10 YRS AVG. STORAGE
Nagaland, Manipur, Mizoram & Tripura	265	-36	Gumti	0.31	0.17	17
			Doyang HEP	0.54	0.31	22
West Uttar Pradesh	52	-36	Matatila	0.71	0.12	-49
			Ramganga	2.20	1.10	91
			Sharda Sagar	0.33	0.26	48
Uttarakhand	148	-20	Ramganga	2.20	1.10	91
			Tehri	2.62	0.43	9
Himachal Pradesh	69	-35	Gobind Sagar	6.23	2.09	-6
			Pong Dam	6.16	2.35	48
			Kol Dam	0.09	0.04	-26
Jammu & Kashmir	48	-38	Thein	2.34	1.17	1
Gujarat Region	110	-26	Ukai	6.62	2.96	123
			Sabarmati	0.74	0.25	124
			Kadana	1.47	0.53	-8
			Damanganga	0.50	0.15	36
			Dantiwada	0.40	-	-100
			Panam	0.70	0.22	-19
			Sukhi	0.17	0.06	265
			Watrak	0.15	0.05	69
Kerala	541	-20	Hathmati	0.15	0.05	433
			Kallada	0.51	0.16	-22
			Idamalayar	1.02	0.16	-43
			Idukki	1.46	0.45	3

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

**WEEKLY REPORT - BASINWISE**

**WEEK ENDING :- 09-07-2020**

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	14.455	47.89%	6.434	21.32%	8.110	26.87%	<b>78.24</b>
INDUS	14.819	5.644	38.09%	5.936	40.06%	5.038	34.00%	<b>12.03</b>
NARMADA	22.344	5.400	24.17%	5.212	23.33%	3.480	15.57%	<b>55.17</b>
TAPI	7.394	3.206	43.36%	0.278	3.76%	1.429	19.33%	<b>124.35</b>
MAHI	4.012	1.396	34.80%	1.733	43.20%	1.390	34.65%	<b>0.43</b>
SABARMATI	1.042	0.343	32.92%	0.062	5.95%	0.148	14.20%	<b>131.76</b>
RIVERS OF KUTCH	1.186	0.289	24.37%	0.089	7.50%	0.136	11.47%	<b>112.50</b>
GODAVARI	17.714	6.309	35.62%	1.801	10.17%	2.950	16.65%	<b>113.86</b>
KRISHNA	33.573	8.261	24.61%	4.181	12.45%	6.570	19.57%	<b>25.74</b>
MAHANADI & NEIGHBOURING EFRS	13.842	4.618	33.36%	2.960	21.38%	3.015	21.78%	<b>53.17</b>
CAUVERY & NEIGHBOURING EFRS	8.359	3.619	43.29%	1.313	15.71%	2.507	29.99%	<b>44.36</b>
WEST FLOWING RIVERS OF SOUTH	16.622	4.434	26.68%	4.740	28.52%	4.953	29.80%	<b>-10.48</b>
<b>TOTAL</b>	<b>171.091</b>	<b>57.974</b>		<b>34.739</b>		<b>39.726</b>		
<b>PERCENTAGE</b>								<b>45.93</b>

## WEEKLY REPORT OF 123 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING : 09-07-2020

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>HIMACHAL PRADESH</b>											
*1	GOBIND SAGAR(BHAKRA)	512.06	484.69	6.229	2.088	09-07-2020	34	45	36	676	1379
*2	PONG DAM(BEAS)	423.67	406.77	6.157	2.347	09-07-2020	38	32	26	0	396
*3	KOL DAM	642	638.51	0.089	0.037	09-07-2020	42	73	56	0	800
<b>PUNJAB</b>											
*4	THEIN DAM	527.91	511.35	2.344	1.172	09-07-2020	50	47	50	348	600
<b>RAJASTHAN</b>											
*5	MAHI BAJAJ SAGAR	280.75	270.10	1.711	0.607	09-07-2020	35	49	30	63	140
6	JHAKAM	359.50	346.40	0.132	0.036	09-07-2020	27	35	22	28	0
*7	RANA PRATAP SAGAR	352.81	348.36	1.436	0.634	09-07-2020	44	30	38	229	172
8	BISALPUR	315.50	312.80	1.076	0.608	09-07-2020	57	20	26	81.8	0
<b>EASTERN REGION</b>											
<b>JHARKHAND</b>											
9	TENUGHAT	269.14	258.26	0.821	0.351	09-07-2020	43	41	39	0	0
10	MAITHON	146.3	143.58	0.471	0.205	09-07-2020	44	18	34	342	0
*11	PANCHET HILL	124.97	122.42	0.184	0.075	09-07-2020	41	28	49	\$	80
12	KONAR	425.81	417.81	0.176	0.056	09-07-2020	32	16	36	\$	0
13	TILAIYA	368.81	365.98	0.142	0.052	09-07-2020	37	1	23	\$	4
<b>ODISHA</b>											
*14	HIRAKUD	192.02	183.04	5.378	0.745	07-07-2020	14	12	10	153	307
*15	BALIMELA	462.08	445.74	2.676	0.529	09-07-2020	20	12	15	0	360
16	SALANADI	82.30	77.00	0.558	0.394	09-07-2020	71	55	32	42	0
*17	RENGALI	123.50	111.76	3.432	0.332	09-07-2020	10	6	10	3	200
*18	MACHKUND(JALAPUT)	838.16	830.21	0.893	0.352	09-07-2020	39	22	31	0	115
*19	UPPER KOLAB	858.00	848.56	0.935	0.208	09-07-2020	22	14	16	89	320
*20	UPPER INDRAVATI	642.00	631.49	1.456	0.457	09-07-2020	31	21	19	128	600
21	SAPUA	168.50	168.34	0.006	0.006	09-07-2020	100	17	50	0	0
22	HARIHARHOR	147.50	145.50	0.059	0.045	08-07-2020	76	0	24	9.95	0
<b>WEST BENGAL</b>											
23	MAYURAKSHI	121.31	116.74	0.480	0.272	09-07-2020	57	17	31	227	0
24	KANGSABATI	134.14	129.81	0.914	0.566	09-07-2020	62	34	34	341	0
<b>TRIPURA</b>											
25	GUMTI	93.55	90.25	0.312	0.168	09-07-2020	54	29	46	0	15
<b>NAGALAND</b>											
*26	DOYANG HEP	333.00	319.05	0.535	0.314	09-07-2020	59	32	48	0	75
<b>WESTERN REGION</b>											
<b>GUJARAT</b>											
*27	UKAI	105.16	97.37	6.615	2.960	09-07-2020	45	3	20	348	300
28	SABARMATI(DHAROI)	189.59	183.47	0.735	0.246	09-07-2020	33	7	15	95	1
*29	KADANA	127.7	119.99	1.472	0.530	09-07-2020	36	40	39	200	120
30	SHETRUNJI	55.53	51.92	0.300	0.099	09-07-2020	33	9	20	36	0
31	BHADAR	107.89	103.81	0.188	0.058	09-07-2020	31	6	15	27	0
32	DAMANGANGA	79.86	70.95	0.502	0.152	09-07-2020	30	32	22	51	1
33	DANTIWADA	184.1	161.94	0.399	0.000	09-07-2020	0	5	4	45	0
34	PANAM	127.41	121.10	0.697	0.223	09-07-2020	32	37	39	36	2
*35	SARDAR SAROVAR	138.68	121.72	5.760	1.530	09-07-2020	27	20	10	2120	1450
36	KARJAN	115.25	99.69	0.523	0.151	09-07-2020	29	33	31	51	3
37	SUKHI(GUJ)	147.82	142.26	0.167	0.062	09-07-2020	37	2	10	20.7	0
38	WATRAK	136.25	132.00	0.154	0.049	09-07-2020	32	1	19	22.98	0
39	HATHMATI	180.74	177.30	0.153	0.048	09-07-2020	31	8	6	5.166	0
40	MACHCHHU-I	135.33	129.95	0.071	0.019	09-07-2020	27	14	13	0	0
41	MACHCHHU-II	57.3	54.07	0.091	0.035	09-07-2020	38	21	18	10.13	0
42	UND-I	98	97.50	0.066	0.059	09-07-2020	89	0	6	9.9	0
43	BRAHMANI(GUJ)	64.62	61.16	0.071	0.019	09-07-2020	27	7	4	6.413	0

## WEEKLY REPORT OF 123 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING : 09-07-2020

S. NO	NAME OF RESERVOIR	FRL (m)	CURRENT RESERVOIR LEVEL (m)	LIVE CAPACITY AT FRL (BCM)	CURRENT LIVE STORAGE (BCM)	DATE	STORAGE AS % OF LIVE CAPACITY AT FRL			BENEFITS	
							CURRENT YEAR	LAST YEAR	LAST 10 YEARS AVERAGE	IRR. (CCA) IN TH. HA	HYDEL IN MW
1	2	4	6	5	7	8	9	10	11	3A	3B
<b>MAHARASHTRA</b>											
44	JAYAKWADI(PAITHAN)	463.91	459.91	2.171	0.873	09-07-2020	40	0	6	227	0
*45	KOYANA	657.90	637.97	2.652	0.972	09-07-2020	37	27	34	0	1920
46	BHIMA(UJJANI)	496.83	490.20	1.517	0.000	08-07-2020	0	0	4	125	12
47	ISAPUR	441.00	434.56	0.965	0.420	09-07-2020	44	0	22	104	0
48	MULA	552.30	539.22	0.609	0.107	09-07-2020	18	5	8	139	0
49	YELDARI	461.77	458.63	0.809	0.514	08-07-2020	64	0	9	78	0
50	GIRNA	398.07	390.15	0.524	0.199	09-07-2020	38	7	8	79	0
51	KHADAKVASLA	582.47	580.37	0.056	0.029	09-07-2020	52	77	43	78	8
*52	UPPER VAITARNA	603.50	594.66	0.331	0.085	09-07-2020	26	12	31	0	61
53	UPPER TAPI	214.00	209.52	0.255	0.047	09-07-2020	18	12	24	45	0
*54	PENCH(TOTLADOH)	490.00	487.21	1.091	0.812	09-07-2020	74	0	19	127	160
55	UPPER WARDHA	342.50	339.36	0.564	0.317	09-07-2020	56	12	34	70	0
56	BHATSIA	142.07	116.50	0.942	0.389	09-07-2020	41	42	40	29.38	15
57	DHOM	747.70	736.12	0.331	0.113	07-07-2020	34	5	21	36.2	2
58	DUDHGANGA	646.00	634.67	0.664	0.342	09-07-2020	52	22	34	2.441	24
59	MANIKDOH	711.25	688.14	0.288	0.021	09-07-2020	7	9	9	2.2	6
60	BHANDARDARA	744.91	727.60	0.304	0.098	09-07-2020	32	24	26	63.74	46
61	URMODI	696.00	687.69	0.273	0.155	09-07-2020	57	21	47	37	3
62	BHATGHAR	623.28	606.03	0.673	0.182	09-07-2020	27	5	21	60.66	14.09
63	NIRA DEOGHAR	667.10	637.90	0.332	0.039	09-07-2020	12	3	19	0	6
*64	THOKARWADI	667.14	656.72	0.353	0.123	09-07-2020	35	35	24	0	72
65	KANHER	690.78	677.51	0.272	0.086	09-07-2020	32	31	38	44.78	4
*66	MULSHI	607.10	593.63	0.572	0.091	09-07-2020	16	24	16	0	300
67	SURYA	118.60	105.95	0.276	0.112	09-07-2020	41	57	45	18.32	6
68	TILLARI	113.20	107.70	0.447	0.363	09-07-2020	81	35	57	21.26	10
<b>CENTRAL REGION</b>											
<b>UTTAR PRADESH</b>											
69	MATATILA	308.46	302.30	0.707	0.121	08-07-2020	17	8	34	0	30
*70	RIHAND	268.22	258.26	5.649	1.585	09-07-2020	28	12	11	0	300
71	SHARDA SAGAR	190.50	187.86	0.330	0.264	09-07-2020	80	0	54	126.5	0
72	JIRGO	98.20	96.52	0.147	0.109	09-07-2020	74	18	24	13.14	0
<b>UTTRAKHAND</b>											
*73	RAMGANGA	365.30	348.60	2.196	1.104	08-07-2020	50	26	26	1897	198
*74	TEHRI	830.00	761.40	2.615	0.430	09-07-2020	16	7	15	2351	1000
<b>MADHYA PRADESH</b>											
*75	GANDHI SAGAR	399.90	395.29	6.827	4.048	09-07-2020	59	8	24	220	115
76	TAWA	355.40	342.53	1.944	0.436	07-07-2020	22	11	28	247	0
*77	BARGI	422.76	413.32	3.180	1.100	09-07-2020	35	40	25	157	90
*78	BANSAGAR	341.64	337.80	5.166	3.493	09-07-2020	68	50	40	488	425
*79	INDIRA SAGAR	262.13	248.81	9.745	1.702	07-07-2020	17	24	13	2380	1000
80	BARNA DAM	348.55	345.60	0.456	0.268	07-07-2020	59	0	22	546	0
*81	OMKARESHWAR	196.60	193.93	0.299	0.035	09-07-2020	12	0	100	132.5	520
82	SANJAY SAROVAR	519.38	516.30	0.508	0.269	09-07-2020	53	4	11	12.65	3.45
83	KOLAR DAM	462.20	452.25	0.270	0.116	09-07-2020	43	10	18	25.68	0
<b>CHHATTIS GARH</b>											
*84	MINIMATA BANGO	359.66	356.95	3.046	2.436	09-07-2020	80	48	52	0	120
85	MAHANADI	348.70	344.08	0.767	0.388	08-07-2020	51	17	24	319	10
86	DUDHAWA	425.10	422.65	0.284	0.184	08-07-2020	65	14	18	324.5	0
87	TANDULA	332.20	326.20	0.312	0.088	08-07-2020	28	40	28	246.4	0
<b>SOUTHERN REGION</b>											
<b>A.P &amp; TG</b>											
*88	SRSAILAM	269.75	247.99	8.288	0.935	09-07-2020	11	10	9	0	770
*89	NAGARJUNA SAGAR	179.83	161.60	5.108	1.044	09-07-2020	20	0	15	895	810
<b>ANDHRA PRADESH</b>											
90	SOMASILA	100.58	89.05	1.994	0.625	09-07-2020	31	4	20	168	0
91	YELERU	86.56	79.07	0.508	0.176	09-07-2020	35	80	19	66.6	0
<b>TELANGANA</b>											
92	SRIRAMSAGAR	332.54	326.62	2.300	0.914	09-07-2020	40	7	16	411	27
93	LOWER MANAIR	280.42	273.15	0.621	0.240	09-07-2020	39	16	22	199	60
94	NIZAM SAGAR	428.24	419.53	0.482	0.023	09-07-2020	5	0	8	93.62	10
95	SINGUR	523.6	510.03	0.822	0.000	09-07-2020	0	0	27	16.19	15

**WEEKLY REPORT OF 123 IMPORTANT RESERVOIRS OF INDIA**

**WEEK ENDING : 09-07-2020**

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>KARNATAKA</b>											
96	KRISHNARAJA SAGARA	752.50	745.43	1.163	0.558	09-07-2020	48	21	32	79	0
*97	TUNGABHADRA	497.74	485.82	3.276	0.371	09-07-2020	11	3	22	529	72
98	GHATAPRABHA(HIDKAL)	662.95	645.17	1.391	0.390	09-07-2020	28	22	19	317	0
99	BHADRA	657.76	645.46	1.785	0.636	09-07-2020	36	19	35	106	39
100	LINGANAMAKKI	554.43	537.56	4.294	0.899	09-07-2020	21	17	24	0	55
101	NARAYANPUR	492.25	489.42	0.863	0.418	09-07-2020	48	28	34	425	0
102	MALAPRABHA(RENUKA)	633.83	626.15	0.972	0.254	09-07-2020	26	9	10	215	0
103	KABINI	696.66	691.67	0.444	0.212	09-07-2020	48	35	46	85	0
104	HEMAVATHY	890.63	880.97	0.927	0.365	09-07-2020	39	24	36	265	0
105	HARANGI	871.42	868.28	0.220	0.147	09-07-2020	67	21	55	53	0
106	SUPA	564.00	530.95	4.120	1.151	09-07-2020	28	36	27	0	0
107	VANI VILAS SAGAR	652.28	639.39	0.802	0.151	08-07-2020	19	1	11	123	0
*108	ALMATTI	519.60	516.60	3.105	1.909	09-07-2020	61	30	33	@	290
*109	GERUSOPPA	55.00	49.83	0.130	0.101	09-07-2020	78	81	75	83	240
*110	MANI DAM	594.36	574.18	0.884	0.137	09-07-2020	15	100	32	0	469
111	TATTIHALLA	468.30	450.97	0.249	0.006	09-07-2020	2	6	6	0	0
<b>KERALA</b>											
112	KALLADA(PARAPPAR)	115.82	96.10	0.507	0.156	09-07-2020	31	35	39	62	0
*113	IDAMALAYAR	169.00	130.92	1.018	0.160	09-07-2020	16	10	28	33	75
*114	IDUKKI	732.43	710.41	1.460	0.448	09-07-2020	31	13	30	0	780
*115	KAKKI	981.46	944.86	0.447	0.084	09-07-2020	19	8	29	23	300
*116	PERIYAR	867.41	859.97	0.173	0.025	09-07-2020	14	13	33	84	140
117	MALAMPUZHA	115.06	103.21	0.224	0.036	09-07-2020	16	17	36	21.17	2.5
<b>TAMIL NADU</b>											
118	LOWER BHAWANI	278.89	273.46	0.792	0.478	09-07-2020	60	24	32	105	8
*119	METTUR(STANLEY)	240.79	228.94	2.647	1.219	09-07-2020	46	14	30	122	360
120	VAIGAI	279.20	267.69	0.172	0.015	09-07-2020	9	6	15	61	6
121	PARAMBIKULAM	556.26	540.42	0.380	0.085	09-07-2020	22	16	33	101	0
122	ALIYAR	320.04	300.02	0.095	0.000	09-07-2020	0	0	34	#	60
*123	SHOLAYAR	1002.79	982.84	0.143	0.045	09-07-2020	31	1	48	0	95
TOTAL FOR 123 RESERVOIRS				<b>171.091</b>	<b>57.974</b>						
PERCENTAGE							<b>34</b>	<b>20</b>	<b>23</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.

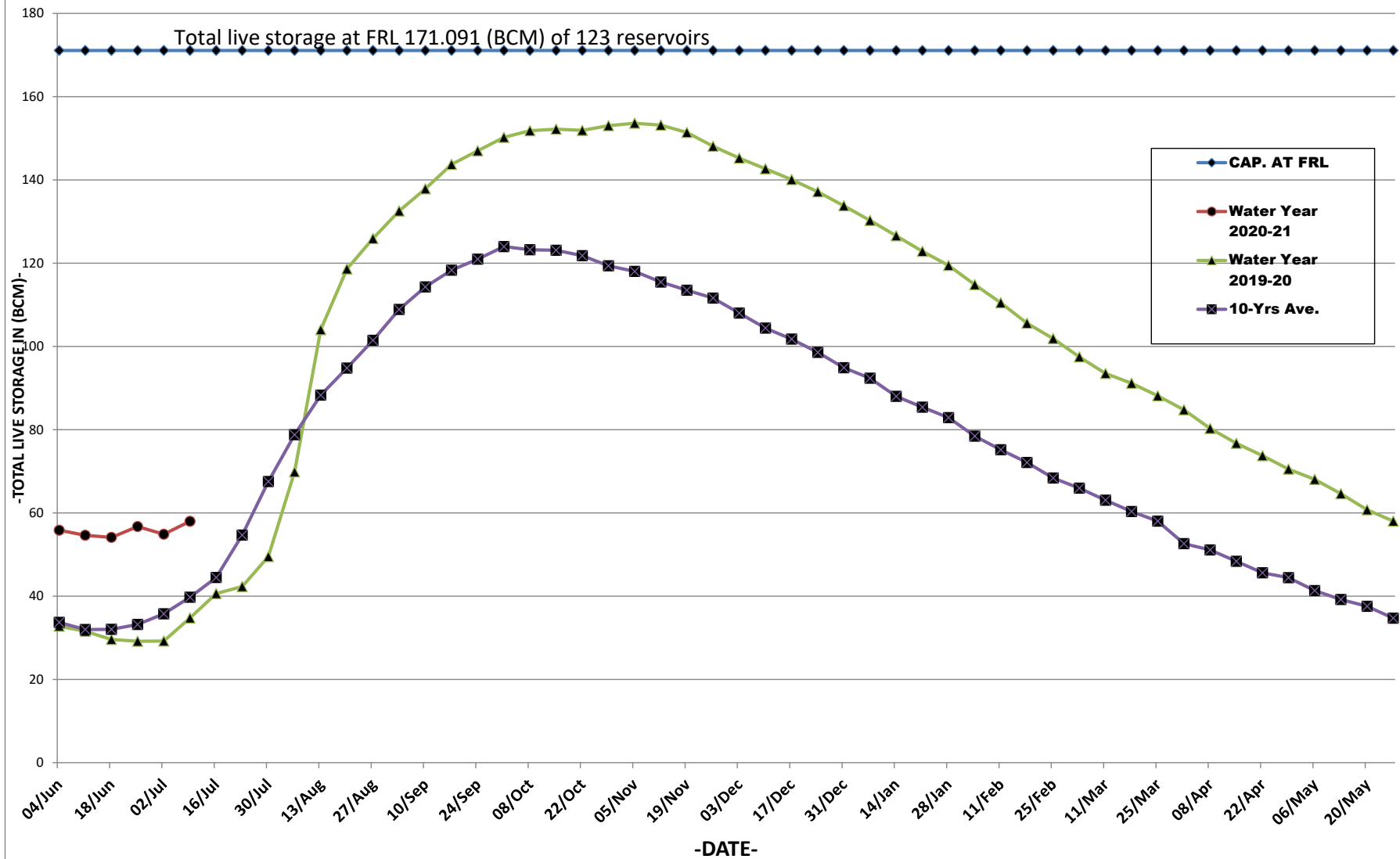
09-07-2020

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

S. NO.	STATE	NO. OF RESERVOIRS MONITORED	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	0.21	0.23	0.40
2	PUNJAB	1	2.34	-0.09	-0.03	0.01
3	RAJASTHAN	4	4.36	0.01	0.50	0.10
<b>SUB-TOTAL</b>		<b>8</b>	<b>19.17</b>	<b>0.13</b>	<b>0.70</b>	<b>0.51</b>
<b>EASTERN REGION</b>						
1	JHARKHAND	5	1.79	-0.02	0.06	0.06
2	ORISSA	9	15.39	-0.25	0.23	-0.05
3	W. BENGAL	2	1.39	0.09	0.01	0.04
4	TRIPURA	1	0.31	0.02	0.00	0.02
5	NAGALAND	1	0.54	0.06	0.00	0.03
<b>SUB-TOTAL</b>		<b>18</b>	<b>19.43</b>	<b>-0.11</b>	<b>0.29</b>	<b>0.10</b>
<b>WESTERN REGION</b>						
1	GUJARAT	17	17.96	0.09	0.16	0.20
2	MAH.	25	17.27	0.84	1.00	0.67
<b>SUB-TOTAL</b>		<b>42</b>	<b>35.24</b>	<b>0.93</b>	<b>1.17</b>	<b>0.87</b>
<b>CENTRAL REGION</b>						
1	U.P.	4	6.83	0.08	0.09	0.03
2	UTTARAKHAND	2	4.81	0.18	0.13	0.16
3	M.P.	9	28.40	0.44	1.13	0.85
4	CHHATISGARH	4	4.41	0.04	0.09	0.05
<b>SUB-TOTAL</b>		<b>19</b>	<b>44.45</b>	<b>0.74</b>	<b>1.45</b>	<b>1.09</b>
<b>SOUTHERN REGION</b>						
1	AP&TG	2	13.40	0.01	0.00	0.01
2	A.P	2	2.50	-0.03	0.00	-0.02
3	TELANGANA	4	4.23	0.05	0.00	0.10
4	KARNATAKA	16	24.63	1.48	1.90	1.20
5	KERALA	6	3.83	0.08	0.03	0.09
6	T.N.	6	4.23	-0.20	0.01	0.04
<b>SUB-TOTAL</b>		<b>36</b>	<b>52.81</b>	<b>1.39</b>	<b>1.93</b>	<b>1.42</b>
<b>COUNTRY AS A WHOLE</b>		<b>123</b>	<b>171.09</b>	<b>3.08</b>	<b>5.54</b>	<b>3.99</b>

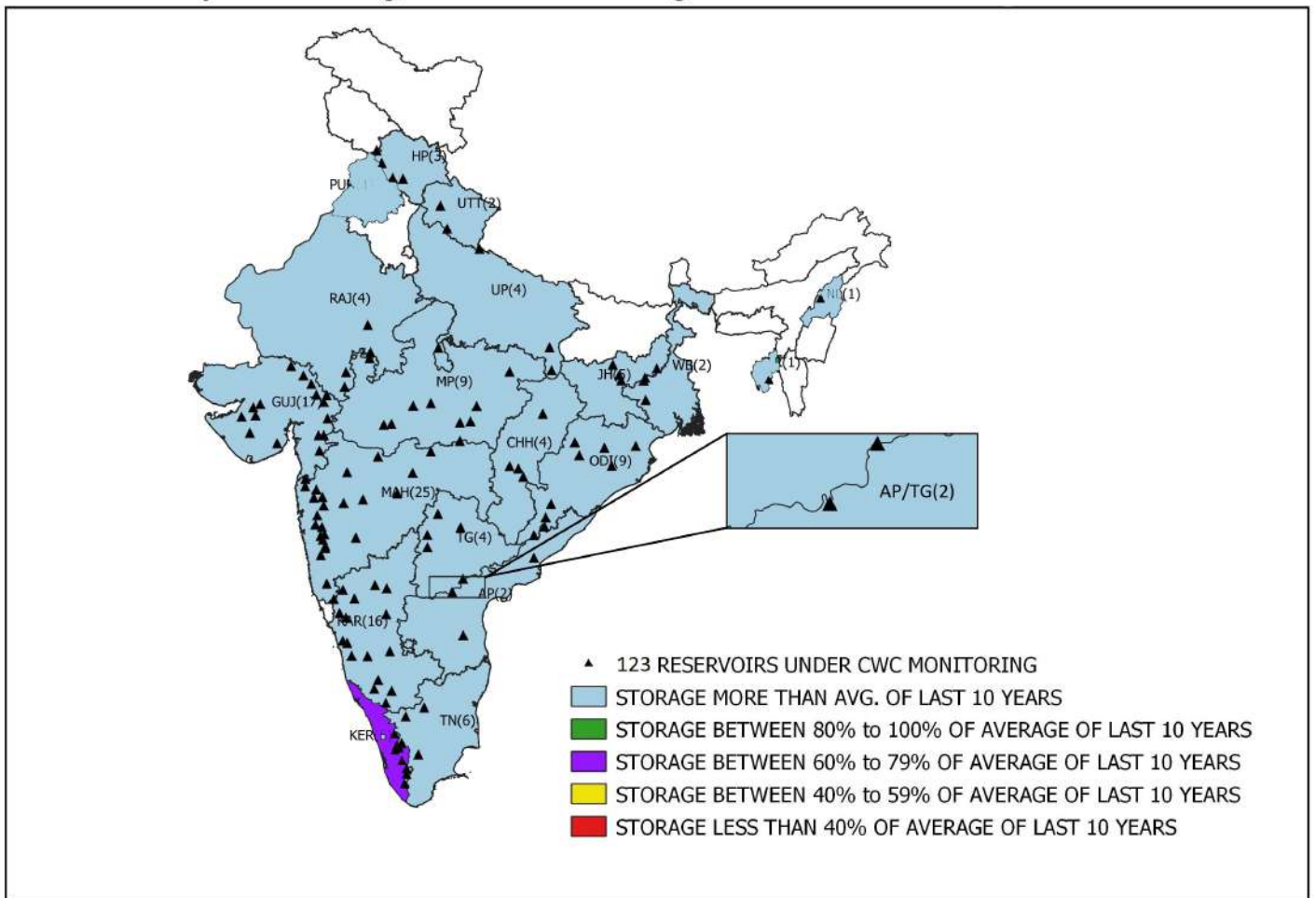
# STORAGE POSITION OF 123 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2020-2021)

AS On 09.07.2020



## Map Indicating Statewise Storage Position

As on 09-07-2020









**WEEKLY REPORT OF 123 IMPORTANT RESERVOIRS OF INDIA**

WEEK ENDING

09-07-2020

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.
			IRR. (CCA)IN TH. HA	HYDEL IN MW				LEVEL ( MTS)	LIVE STORAGE (BCM)		LEVEL (MTS)	LIVE STORAGE (BCM)					
1	2	3	3A	3B	4	5	6	7	8	9	10	11	12	13	14	15	16
*105	MAHI BAJAJ SAGAR	RAJ	63	140	280.75	1.711	09-07-2020	270.10	0.607	35	272.75	0.835	49	0.508	30	73	119
106	JHAKAM	RAJ	28	0	359.5	0.132	09-07-2020	346.40	0.036	27	348.50	0.046	35	0.029	22	78	124
*107	RANA PRATAP SAGAR	RAJ	229	172	352.81	1.436	09-07-2020	348.36	0.634	44	346.92	0.427	30	0.539	38	148	118
108	BISALPUR	RAJ	81.8	0	315.5	1.076	09-07-2020	312.80	0.608	57	310.00	0.210	20	0.279	26	290	218
109	LOWER BHAWANI	TN	105	8	278.89	0.792	09-07-2020	273.46	0.478	60	266.10	0.188	24	0.250	32	254	191
*110	METTUR(STANLEY)	TN	122	360	240.79	2.647	09-07-2020	228.94	1.219	46	217.08	0.375	14	0.796	30	325	153
111	VAIGAI	TN	61	6	279.2	0.172	09-07-2020	267.69	0.015	9	266.47	0.010	6	0.026	15	150	58
112	PARAMBIKULAM	TN	101	0	556.26	0.38	09-07-2020	540.42	0.085	22	538.73	0.059	16	0.125	33	144	68
113	ALIYAR	TN	#	60	320.04	0.095	09-07-2020	300.02	0.000	0	298.34	0.000	0	0.032	34	0	0
*114	SHOLAYAR	TN	0	95	1002.79	0.143	09-07-2020	982.84	0.045	31	965.54	0.001	1	0.068	48	4500	66
115	GUMTI	TRP	0	15	93.55	0.312	09-07-2020	90.25	0.168	54	88.00	0.091	29	0.143	46	185	117
116	MATATILA	UP	0	30	308.46	0.707	08-07-2020	302.30	0.121	17	300.93	0.055	8	0.238	34	220	51
*117	RIHAND	UP	0	300	268.22	5.649	09-07-2020	258.26	1.585	28	255.36	0.669	12	0.637	11	237	249
118	SHARDA SAGAR	UP	126.5	0	190.5	0.33	09-07-2020	187.86	0.264	80	183.80	0.000	0	0.178	54	0	148
119	JIRGO	UP	13.14	0	98.2	0.147	09-07-2020	96.52	0.109	74	90.71	0.027	18	0.036	24	404	303
*120	RAMGANGA	UKH	1897	198	365.3	2.196	08-07-2020	348.60	1.104	50	336.27	0.566	26	0.577	26	195	191
*121	TEHRI	UKH	2351	1000	830	2.615	09-07-2020	761.40	0.430	16	750.20	0.189	7	0.393	15	228	109
122	MAYURAKSHI	WB	227	0	121.31	0.48	09-07-2020	116.74	0.272	57	110.00	0.080	17	0.150	31	340	181
123	KANGSABATI	WB	341	0	134.14	0.914	09-07-2020	129.81	0.566	62	125.78	0.309	34	0.307	34	183	184
TOTAL FOR 123 RESERVOIRS			21460.9	18604.04		171.091		57.974			34.739		39.726				
PERCENTAGE								34			20		23			167	146

\* 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