

## **BRIEF NOTE ON LIVE STORAGE STATUS OF 113 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 05.09.2019)**

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

Central Water Commission is monitoring live storage status of 113 reservoirs of the country on weekly basis and is issuing weekly bulletin on every Thursday. Out of these reservoirs, 41 reservoirs have hydropower benefit with installed capacity of more than 60 MW. The total live storage capacity of these 113 reservoirs is **168.77 BCM** which is about **65.46%** 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 **05.09.2019**, live storage available in these reservoirs is **133.588 BCM**, which is **79%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **122.024 BCM** and the average of last 10 years live storage was **108.901 BCM**. Thus, the live storage available in 113 reservoirs as per **05.09.2019 Bulletin** is **109%** of the live storage of corresponding period of last year and **123%** 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 **05.09.2019**, the total live storage available in these reservoirs is **17.39 BCM** which is **91%** 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 **77%** 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.

#### **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 **05.09.2019**, the total live storage available in these reservoirs is **13.86 BCM** which is **72%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **79%** and average storage of last ten years during corresponding period was **63%** 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.

#### **c) WESTERN REGION**

The Western region includes States of Gujarat and Maharashtra. There are 39 reservoirs under CWC monitoring having total live storage capacity of 33.94 BCM. As per Reservoir Storage Bulletin dated **05.09.2019**, the total live storage available in these reservoirs is **27.10 BCM** which is **80%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **59%** and average storage of last ten years during corresponding period was **61%** 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 16 reservoirs under CWC monitoring having total live storage capacity of 43.71 BCM. As per Reservoir Storage Bulletin dated **05.09.2019**, the total live storage available in these reservoirs is **35.41 BCM** which is **81%** 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 **66%** 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 (2 combined projects in both states), Karnataka, Kerala and Tamil Nadu. There are 33 reservoirs under CWC monitoring having total live storage capacity of 52.58 BCM. As per Reservoir Storage Bulletin dated **05.09.2019**, the total live storage available in these reservoirs is **39.82 BCM** which is **76%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **82%** and average storage of last ten years during corresponding period was **61%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year but is 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 Indus, Narmada, Tapi, Mahi, Rivers of Kutch, Godavari, Krishna, Cauvery & neighbouring EFRs, Ganga and Mahanadi & Neighbouring East Flowing Rivers and West Flowing Rivers of South. NIL in Close to Normal. Deficient in Sabarmati and NIL in Highly Deficient.
- Table on page 12-14 of the bulletin. The numbers of reservoirs having storage more than last year are **58** and reservoirs having storage more than average of last ten years are **81**. The numbers of reservoirs having storage less than or equal to 20% with respect to last year is **2** 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 **8** and having storage less than or equal to 50% with reference to average of last ten years are **9**.

States having better storage (in %) than last year for corresponding period: Himachal Pradesh, Punjab, Rajasthan, Gujarat, Maharashtra, Uttarakhand, Madhya Pradesh and Karnataka

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

States having lesser storage (in %) than last year for corresponding period: Jharkhand, Odisha, Tripura, West Bengal, Nagaland, Uttar Pradesh, Chhattisgarh, AP&TG (Two combined projects in both states), Andhra Pradesh Telangana, Kerala and Tamil Nadu.

## STORAGE STATUS OF IMPORTANT RESERVOIRS IN THE COUNTRY

AS ON : 05.09.2019

- 1 Central Water Commission is monitoring storage status of 113 important reservoirs spread all over the country, in which 41 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 113 important reservoirs in different parts of the country, monitored by CWC as on **05.09.2019** is **133.588** BCM ( **79** percent of the live storage capacity at FRL ). The current year's storage is nearly **109** percent of last year's storage and **123** percent of the average of last ten years.

### 3 Region wise storage status:-

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 113 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	1	3	1	-	-	-	-	H.P.	10 %
									PUNJAB	22 %
									RAJASTHAN	39 %
<b>EAST</b> (Jharkhand,Odisha, Tripura, Nagaland & W.Bengal ) ( 17 Resv.)	2	2	2	1	2	3	2	3	JHARKHAND	-9 %
									ODISHA	20 %
									W. BENGAL	-20 %
									TRIPURA	-8 %
									NAGALAND	-26 %
<b>WEST</b> (Guj.& Mah.), (39 Resv.)	8	10	6	3	2	2	1	7	GUJARAT	50 %
									MAH.	14 %
<b>CENTRAL</b> (MP,UP,Uttarakhand & Chh.), (16 Resv)	1	5	2	3	-	1	1	3	U.P.	-18 %
									UTTARAKHAND	3 %
									M.P.	37 %
									CHHATISGARH	-8 %
<b>SOUTH</b> (Karnataka,TN,AP&TG,AP, TG, & Kerala), ( 33 Resv.)	6	6	4	3	4	4	2	4	AP&TG	30 %
									A.P	37 %
									TELANGANA	-34 %
									KARNATAKA	26 %
									KERALA	1 %
									T.N.	51 %
Status of 113 reservoirs	20	24	17	11	8	10	6	17		

### 4 Basin wise storage position:

#### Better than normal:

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

**Close to normal:** NIL

**Deficient:** Sabarmati

**Highly deficient:** NIL

5 Out of 113 reservoirs, 94 reservoirs reported more than 80% of normal storage & 19 reservoirs reported 80% or below of normal storage. Out of these 19 reservoirs 9 having storage upto 50% of normal storage.

Name of reservoir	%
OMKARESHWAR	0
YELDARI	0
VANI VILAS SAGAR	11
NIZAM SAGAR	15
ISAPUR	30
TILAIYA	33
UPPER TAPI	42
WATRAK	48
KONAR	49

10 reservoirs having storage 51% to 80% of normal storage.		
51% to 60%	61% to 70%	71% to 80%
1	5	4

6 Out of 41 reservoirs with significant(\*) hydropower generation, the storage build up is less than or equal to normal in 8 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,

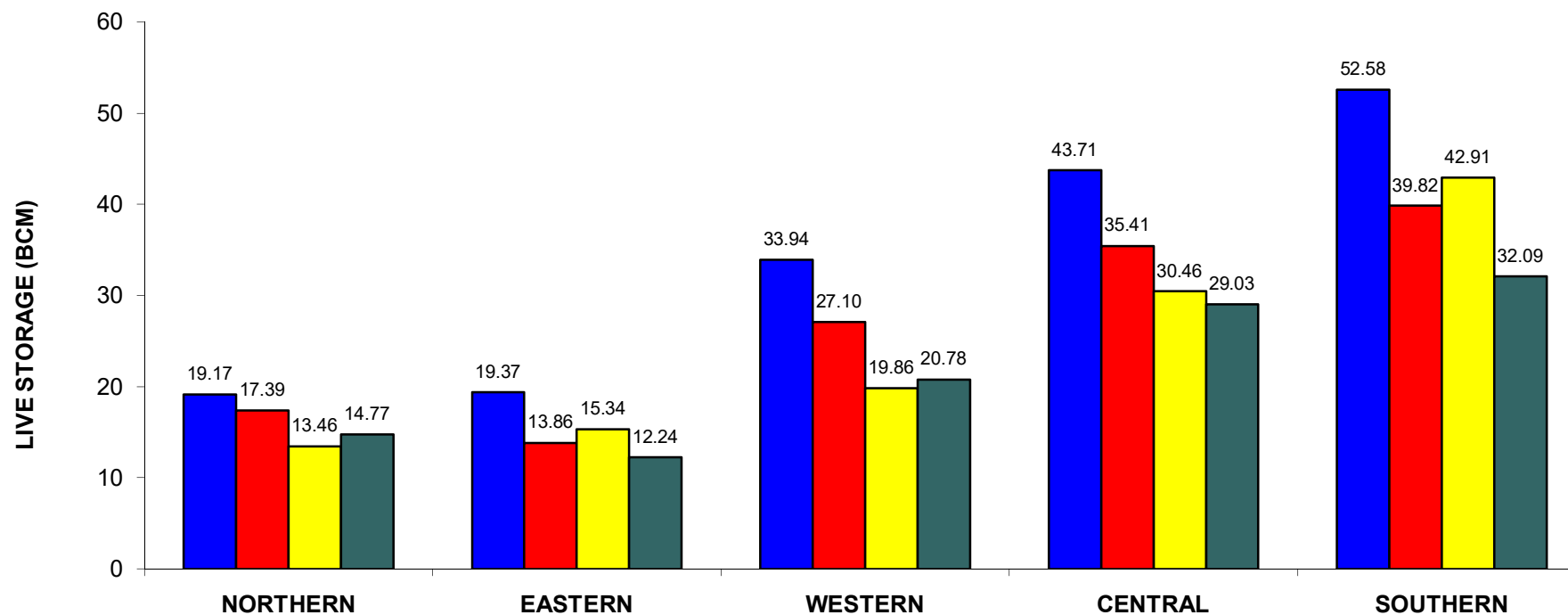
**Highly deficient :** Where shortfall is more than 60% of the normal

**TABLE-01**  
**STATUS OF CURRENT STORAGE**  
**05.09.2019**

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	
NORTHERN REGION										
1	H.P.	3	12.48	11.02	9.16	9.99	88	73	80	10
2	PUNJAB	1	2.34	2.04	1.80	1.67	87	77	71	22
3	RAJASTHAN	4	4.36	4.33	2.50	3.11	99	57	71	39
SUB-TOTAL		8	19.17	17.39	13.46	14.77	91	70	77	18
EASTERN REGION										
1	JHARKHAND	5	1.79	1.06	1.27	1.17	59	71	65	-9
2	ODISHA	8	15.33	11.72	12.75	9.74	76	83	64	20
3	W. BENGAL	2	1.39	0.62	0.67	0.77	44	48	55	-20
4	TRIPURA	1	0.31	0.18	0.29	0.19	57	91	62	-8
5	NAGALAND	1	0.54	0.27	0.38	0.37	51	70	69	-26
SUB-TOTAL		17	19.37	13.86	15.34	12.24	72	79	63	13
WESTERN REGION										
1	GUJARAT	17	17.96	14.20	7.84	9.44	79	44	53	50
2	MAH.	22	15.98	12.91	12.01	11.34	81	75	71	14
SUB-TOTAL		39	33.94	27.10	19.86	20.78	80	59	61	30
CENTRAL REGION										
1	U.P.	3	6.69	2.96	4.21	3.60	44	63	54	-18
2	UTTARAKHAND	2	4.81	3.58	3.39	3.47	74	70	72	3
3	M.P.	9	28.40	26.26	19.52	19.13	92	69	67	37
4	CHHATISGARH	2	3.81	2.60	3.35	2.83	68	88	74	-8
SUB-TOTAL		16	43.71	35.41	30.46	29.03	81	70	66	22
SOUTHERN REGION										
1	AP&TG	2	15.13	9.65	10.59	7.41	64	70	49	30
2	A.P	2	2.50	0.99	1.05	0.72	39	42	29	37
3	TELANGANA	3	3.40	1.09	2.26	1.65	32	66	49	-34
4	KARNATAKA	14	23.49	21.86	21.44	17.34	93	91	74	26
5	KERALA	6	3.83	2.51	3.38	2.49	66	88	65	1
6	T.N.	6	4.23	3.73	4.20	2.47	88	99	58	51
SUB-TOTAL		33	52.58	39.82	42.91	32.09	76	82	61	24
COUNTRY AS A WHOLE		113	168.77	133.59	122.02	108.90	79	72	65	23

## REGIONWISE STORAGE POSITION

(As on 05.09.2019)



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:**

**05.09.2019**

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	3	SRIRAMSAGAR	64
		NIZAM SAGAR	15
Jharkhand	5	KONAR	49
		TILAIYA	33
Gujarat	17	SHETRANJI	66
		DANTIWADA	65
		WATRAK	48
Karnataka	14	VANIVILAS SAGAR	11
Mahaya Pradesh	9	OMKARESHWAR	0
Chhattisgarh	2	MAHANADI	59
Maharashtra	22	ISAPUR	30
		YELDARI	0
		UPPER TAPI	42
		PENCH	63
Nagaland	1	DOYANG HEP	74
Tamil Nadu	6	ALIYAR	80
		RIHAND	78
Uttar Pradesh	2	SHARDA SAGAR	67
		MAYURAKSHI	74
West Bengal	2		

**Statewise distribution of projects having storage 50% or less of avg.**

**Of last 10 yrs' storage as on:**

**05.09.2019**

<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	3	NIZAM SAGAR	15
Jharkhand	5	KONAR	49
		TILAIYA	33
Gujarat	17	WATRAK	48
Karnataka	14	VANIVILAS SAGAR	11
Mahaya Pradesh	9	OMKARESHWAR	0
		ISAPUR	30
Maharashtra	22	YELDARI	0
		UPPER TAPI	42



<b>IMD SUB-DIVISIONS HAVING LOW RAINFALL (80% or LESS THAN 80% OF NORMAL) AND STORAGE IN RESERVOIRS FALLING UNDER THESE AREAS AS ON:</b>						
05.09.2019						
RAINFALL POSITION*			STORAGE POSITION			
	CUMULATIVE RAINFALL (mm) (1st June to 21st Aug2019)	%AGE DEPARTUR E 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	829	-20	Gumti	0.31	0.18	-8
			Doyang HEP	0.54	0.27	-26
Gangetic West Bengal	575	-29	Mayurakahi	0.48	0.19	-22
			Maithan	0.47	0.40	-10
			Panchet Hill	0.18	0.18	12
Jharkhand	534	-27	Konar	0.18	0.06	-51
			Tilaiya	0.14	0.03	-67
West Uttar Pradesh	373	-26	Matatila	0.71	0.61	14
			Ramganga	2.20	1.18	-10
			Sharda Sagar	0.33	0.13	-33
Uttarakhand	668	-24	Ramganga	2.20	1.18	-10
			Tehri	2.62	2.40	12
Haryana, Chandigarh & Delhi	229	-28	Gobind Sagar	6.23	5.43	6
			Pong Dam	6.16	5.52	14
Marathawada	328	-25	Jayakwadi	2.17	1.86	143
			Isapur	0.97	0.15	-70
			Yeldari	0.81	-	-100

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

# WEEKLY REPORT - BASINWISE

WEEK ENDING :- 05.09.2019

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	30.037	22.038	73.37%	18.037	60.05%	17.757	59.12%	<b>24.11</b>
INDUS	14.819	13.062	88.14%	10.955	73.93%	11.658	78.67%	<b>12.04</b>
NARMADA	22.344	20.452	91.53%	14.959	66.95%	14.223	63.65%	<b>43.80</b>
TAPI	7.394	6.224	84.18%	3.216	43.49%	4.776	64.59%	<b>30.32</b>
MAHI	4.012	3.511	87.51%	3.031	75.55%	2.989	74.50%	<b>17.46</b>
SABARMATI	1.042	0.460	44.15%	0.296	28.41%	0.580	55.66%	<b>-20.69</b>
RIVERS OF KUTCH	1.186	0.576	48.57%	0.361	30.44%	0.545	45.95%	<b>5.69</b>
GODAVARI	16.892	9.861	58.38%	11.264	66.68%	8.951	52.99%	<b>10.17</b>
KRISHNA	34.734	27.676	79.68%	28.310	81.51%	23.191	66.77%	<b>19.34</b>
MAHANADI & NEIGHBOURING EFRS	13.187	10.044	76.17%	10.694	81.10%	9.206	69.81%	<b>9.10</b>
CAUVERY& NEIGHBOURING EFRS	8.359	6.667	79.76%	7.065	84.52%	4.669	55.86%	<b>42.79</b>
WEST FLOWING RIVERS OF SOUTH	14.766	13.017	88.16%	13.836	93.70%	10.356	70.13%	<b>25.70</b>
<b>TOTAL</b>	<b>168.772</b>	<b>133.588</b>		<b>122.024</b>		<b>108.901</b>		
<b>PERCENTAGE</b>								<b>22.67</b>

## WEEKLY REPORT OF 113 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 05.09.2019

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>NORTHERN REGION</b>											
<b><u>HIMACHAL PRADESH</u></b>											
*1	GOBIND SAGAR(BHAKRA)	512.06	510.62	6.229	5.430	05-09-2019	87	70	82	676	1200
*2	PONG DAM(BEAS)	423.67	422.62	6.157	5.523	05-09-2019	90	78	79	0	360
*3	KOL DAM	642	640.76	0.089	0.070	05-09-2019	79	42	43	0	800
<b><u>PUNJAB</u></b>											
*4	THEIN DAM	527.91	524.22	2.344	2.039	05-09-2019	87	77	71	348	600
<b><u>RAJASTHAN</u></b>											
*5	MAHI BAJAJ SAGAR	280.75	281.15	1.711	1.711	05-09-2019	100	78	85	63	140
6	JHAKAM	359.50	360.00	0.132	0.132	05-09-2019	100	78	83	28	0
*7	RANA PRATAP SAGAR	352.81	352.65	1.436	1.412	05-09-2019	98	58	63	229	172
8	BISALPUR	315.50	315.50	1.076	1.076	05-09-2019	100	21	58	81.8	0
<b><u>EASTERN REGION</u></b>											
<b><u>JHARKHAND</u></b>											
9	TENUGHAT	269.14	259.23	0.821	0.386	05-09-2019	47	50	46	0	0
10	MAITHON	146.3	145.49	0.471	0.396	05-09-2019	84	96	86	342	0
*11	PANCHET HILL	124.97	125.23	0.184	0.184	05-09-2019	100	95	83	\$	80
12	KONAR	425.81	418.55	0.176	0.064	05-09-2019	36	71	74	\$	0
13	TILAIYA	368.81	365.11	0.142	0.034	05-09-2019	24	75	73	\$	4
<b><u>ODISHA</u></b>											
*14	HIRAKUD	192.02	190.73	5.378	3.998	05-09-2019	74	69	71	153	307
*15	BALIMELA	462.08	454.91	2.676	1.552	04-09-2019	58	93	50	0	360
16	SALANADI	82.30	75.96	0.558	0.364	04-09-2019	65	87	43	42	0
*17	RENGALI	123.50	122.42	3.432	3.075	04-09-2019	90	91	68	3	200
*18	MACHKUND(JALAPUT)	838.16	837.36	0.893	0.815	04-09-2019	91	94	70	0	115
*19	UPPER KOLAB	858.00	854.26	0.935	0.595	04-09-2019	64	85	51	89	320
*20	UPPER INDRAVATI	642.00	640.77	1.456	1.319	04-09-2019	91	87	64	128	600
21	SAPUA	168.50	168.18	0.006	0.006	05-09-2019	100	83	67	0	0
<b><u>WEST BENGAL</u></b>											
22	MAYURAKSHI	121.31	114.35	0.480	0.186	05-09-2019	39	46	53	227	0
23	KANGSABATI	134.14	128.02	0.914	0.430	05-09-2019	47	49	57	341	0
<b><u>TRIPURA</u></b>											
24	GUMTI	93.55	90.50	0.312	0.178	04-09-2019	57	91	62	0	15
<b><u>NAGALAND</u></b>											
*25	DOYANG HEP	333.00	315.78	0.535	0.273	05-09-2019	51	70	69	0	75
<b><u>WESTERN REGION</u></b>											
<b><u>GUJARAT</u></b>											
*26	UKAI	105.16	103.42	6.615	5.726	05-09-2019	87	42	67	348	300
27	SABARMATI(DHAROI)	189.59	185.47	0.735	0.376	05-09-2019	51	25	60	95	1
*28	KADANA	127.7	127.00	1.472	1.119	05-09-2019	76	72	63	200	120
29	SHETRUNJI	55.53	52.42	0.300	0.116	05-09-2019	39	43	58	36	0
30	BHADAR	107.89	105.84	0.188	0.111	05-09-2019	59	51	55	27	0
31	DAMANGANGA	79.86	76.90	0.502	0.348	05-09-2019	69	70	72	51	1
32	DANTIWADA	184.1	172.82	0.399	0.086	05-09-2019	22	20	33	45	0
33	PANAM	127.41	127.35	0.697	0.549	05-09-2019	79	77	70	36	2
*34	SARDAR SAROVAR	138.68	135.65	5.760	4.812	05-09-2019	84	34	28	2120	1450
35	KARJAN	115.25	112.94	0.523	0.448	05-09-2019	86	83	73	51	3
36	SUKHI(GUJ)	147.82	147.51	0.167	0.159	05-09-2019	95	58	59	20.7	0
37	WATRAK	136.25	132.02	0.154	0.049	05-09-2019	32	31	66	22.98	0
38	HATHMATI	180.74	176.30	0.153	0.035	05-09-2019	23	41	25	5.166	0
39	MACHCHHU-I	135.33	135.33	0.071	0.069	05-09-2019	97	20	42	0	0
40	MACHCHHU-II	57.3	57.30	0.091	0.084	05-09-2019	92	9	49	10.13	0
41	UND-I	98	98.00	0.066	0.066	05-09-2019	100	42	50	9.9	0
42	BRAHMANI(GUJ)	64.62	63.67	0.071	0.044	05-09-2019	62	10	35	6.413	0

**WEEKLY REPORT OF 113 IMPORTANT RESERVOIRS OF INDIA**

**WEEK ENDING :- 05.09.2019**

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>MAHARASHTRA</b>											
43	JAYAKWADI(PAITHAN)	463.91	463.08	2.171	1.860	05-09-2019	86	47	35	227	0
*44	KOYANA	657.90	659.31	2.652	2.652	05-09-2019	100	100	97	0	1920
45	BHIMA(UJJANI)	496.83	497.00	1.517	1.517	04-09-2019	100	100	70	125	12
46	ISAPUR	441.00	429.38	0.965	0.149	05-09-2019	15	67	51	104	0
47	MULA	552.30	551.50	0.609	0.566	05-09-2019	93	73	71	139	0
48	YELDARI	461.77	447.10	0.809	0.000	05-09-2019	0	9	32	78	0
49	GIRNA	398.07	396.24	0.524	0.428	05-09-2019	82	48	32	79	0
50	KHADAKVASLA	582.47	582.47	0.056	0.056	05-09-2019	100	100	77	78	8
*51	UPPER VAITARNA	603.50	603.29	0.331	0.325	05-09-2019	98	96	88	0	61
52	UPPER TAPI	214.00	210.20	0.255	0.070	05-09-2019	27	78	65	45	0
*53	PENCH(TOTLADOH)	490.00	481.20	1.091	0.467	05-09-2019	43	26	68	127	160
54	UPPER WARDHA	342.50	341.73	0.564	0.496	05-09-2019	88	48	84	70	0
55	BHATSA	142.07	141.27	0.942	0.921	05-09-2019	98	97	90	29.38	15
56	DHOM	747.70	747.18	0.331	0.319	05-09-2019	96	96	82	36.2	2
57	DUDHGANGA	646.00	645.80	0.664	0.664	05-09-2019	100	98	96	2.441	24
58	MANIKDOH	711.25	707.45	0.288	0.223	05-09-2019	77	74	53	2.2	6
59	BHANDARDARA	744.91	744.73	0.304	0.304	05-09-2019	100	100	95	63.74	46
60	URMODI	696.00	695.83	0.273	0.271	05-09-2019	99	99	92	37	3
61	BHATGHAR	623.28	623.28	0.673	0.666	05-09-2019	99	99	94	60.66	14.09
62	NIRA DEOGHAR	667.10	667.10	0.332	0.332	05-09-2019	100	100	84	0	6
*63	THOKARWADI	667.14	667.14	0.353	0.353	05-09-2019	100	98	73	0	72
64	KANHER	690.78	690.60	0.272	0.268	05-09-2019	99	96	93	44.78	4
<b>CENTRAL REGION</b>											
<b>UTTAR PRADESH</b>											
65	MATATILA	308.46	308.15	0.707	0.609	04-09-2019	86	83	76	0	30
*66	RIHAND	268.22	259.96	5.649	2.227	05-09-2019	39	61	51	0	300
67	SHARDA SAGAR	190.50	185.20	0.330	0.128	05-09-2019	39	57	58	126.5	0
<b>UTTRAKHAND</b>											
*68	RAMGANGA	365.30	350.10	2.196	1.182	05-09-2019	54	52	60	1897	198
*69	TEHRI	830.00	824.85	2.615	2.402	05-09-2019	92	86	82	2351	1000
<b>MADHYA PRADESH</b>											
*70	GANDHI SAGAR	399.90	399.51	6.827	6.378	05-09-2019	93	34	43	220	115
71	TAWA	355.40	355.31	1.944	1.944	04-09-2019	100	66	90	247	0
*72	BARGI	422.76	422.60	3.180	3.148	04-09-2019	99	99	85	157	90
*73	BANSAGAR	341.64	340.13	5.166	4.493	05-09-2019	87	86	72	488	425
*74	INDIRA SAGAR	262.13	261.64	9.745	9.298	04-09-2019	95	79	73	2380	1000
75	BARNA DAM	348.55	348.40	0.456	0.445	04-09-2019	98	50	82	546	0
*76	OMKARESHWAR	196.60	192.98	0.299	0.000	05-09-2019	0	0	0	132.5	520
77	SANJAY SAROVAR	519.38	518.30	0.508	0.359	05-09-2019	71	50	69	12.65	3.45
78	KOLAR DAM	462.20	458.63	0.270	0.198	05-09-2019	73	41	63	25.68	0
<b>CHHATTIS GARH</b>											
*79	MINIMATA BANGO	359.66	355.85	3.046	2.262	05-09-2019	74	86	74	0	120
80	MAHANADI	348.70	343.30	0.767	0.339	04-09-2019	44	96	75	319	10
<b>SOUTHERN REGION</b>											
<b>A.P &amp; TG</b>											
*81	SRISAILAM	269.75	267.55	8.288	4.920	05-09-2019	59	68	56	0	770
*82	NAGARJUNA SAGAR	179.83	178.43	6.841	4.727	05-09-2019	69	72	41	895	810
<b>ANDHRA PRADESH</b>											
83	SOMASILA	100.58	89.96	1.994	0.698	05-09-2019	35	37	29	168	0
84	YELERU	86.56	82.35	0.508	0.290	05-09-2019	57	60	27	66.6	0
<b>TELANGANA</b>											
85	SRIRAMSAGAR	332.54	325.92	2.300	0.780	05-09-2019	34	89	53	411	27
86	LOWER MANAIR	280.42	274.17	0.621	0.284	05-09-2019	46	25	44	199	60
87	NIZAM SAGAR	428.24	419.62	0.482	0.025	04-09-2019	5	9	34	93.62	10

**WEEKLY REPORT OF 113 IMPORTANT RESERVOIRS OF INDIA**

**WEEK ENDING :- 05.09.2019**

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>											
88	KRISHNARAJA SAGARA	752.50	752.50	1.163	1.163	05-09-2019	100	100	73	79	0
*89	TUNGABHADRA	497.74	497.74	3.276	2.856	05-09-2019	87	85	78	529	72
90	GHATAPRABHA(HIDKAL)	662.95	662.94	1.391	1.387	05-09-2019	100	100	86	317	0
91	BHADRA	657.76	657.67	1.785	1.775	05-09-2019	99	98	83	106	39
92	LINGANAMAKKI	554.43	554.37	4.294	4.278	05-09-2019	100	98	75	0	55
93	NARAYANPUR	492.25	491.90	0.863	0.694	05-09-2019	80	85	82	425	0
94	MALAPRABHA(RENUKA)	633.83	633.83	0.972	0.972	05-09-2019	100	68	54	215	0
95	KABINI	696.66	695.93	0.444	0.430	05-09-2019	97	99	65	85	0
96	HEMAVATHY	890.63	890.48	0.927	0.927	05-09-2019	100	100	79	265	0
97	HARANGI	871.42	871.18	0.220	0.220	05-09-2019	100	87	92	53	0
98	SUPA	564.00	563.37	4.120	4.039	05-09-2019	98	96	63	0	0
99	VANI VILAS SAGAR	652.28	631.64	0.802	0.009	05-09-2019	1	2	10	123	0
*100	ALMATTI	519.60	519.35	3.105	3.015	05-09-2019	97	100	91	@	290
*101	GERUSOPPA	55.00	49.52	0.130	0.099	05-09-2019	76	67	82	83	240
<b><u>KERALA</u></b>											
102	KALLADA(PARAPPAR)	115.82	112.20	0.507	0.407	05-09-2019	80	90	64	62	0
*103	IDAMALAYAR	169.00	155.72	1.018	0.649	05-09-2019	64	88	70	33	75
*104	IDUKKI	732.43	720.76	1.460	0.859	05-09-2019	59	88	62	0	780
*105	KAKKI	981.46	970.42	0.447	0.285	05-09-2019	64	87	68	23	300
*106	PERIYAR	867.41	864.89	0.173	0.113	05-09-2019	65	88	50	84	140
107	MALAMPUZHA	115.06	113.98	0.224	0.197	05-09-2019	88	89	71	21.17	2.5
<b><u>TAMIL NADU</u></b>											
108	LOWER BHAWANI	278.89	277.12	0.792	0.692	05-09-2019	87	100	49	105	8
*109	METTUR(STANLEY)	240.79	239.53	2.647	2.464	05-09-2019	93	100	59	122	360
110	VAIGAI	279.20	274.04	0.172	0.073	05-09-2019	42	92	35	61	6
111	PARAMBIKULAM	556.26	552.77	0.380	0.307	05-09-2019	81	99	73	101	0
112	ALIYAR	320.04	313.70	0.095	0.056	05-09-2019	59	98	74	#	60
*113	SHOLAYAR	1002.79	1003.66	0.143	0.134	05-09-2019	94	90	81	0	95
TOTAL FOR 113 RESERVOIRS				<b>168.772</b>	<b>133.588</b>						
PERCENTAGE							<b>79</b>	<b>72</b>	<b>65</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.

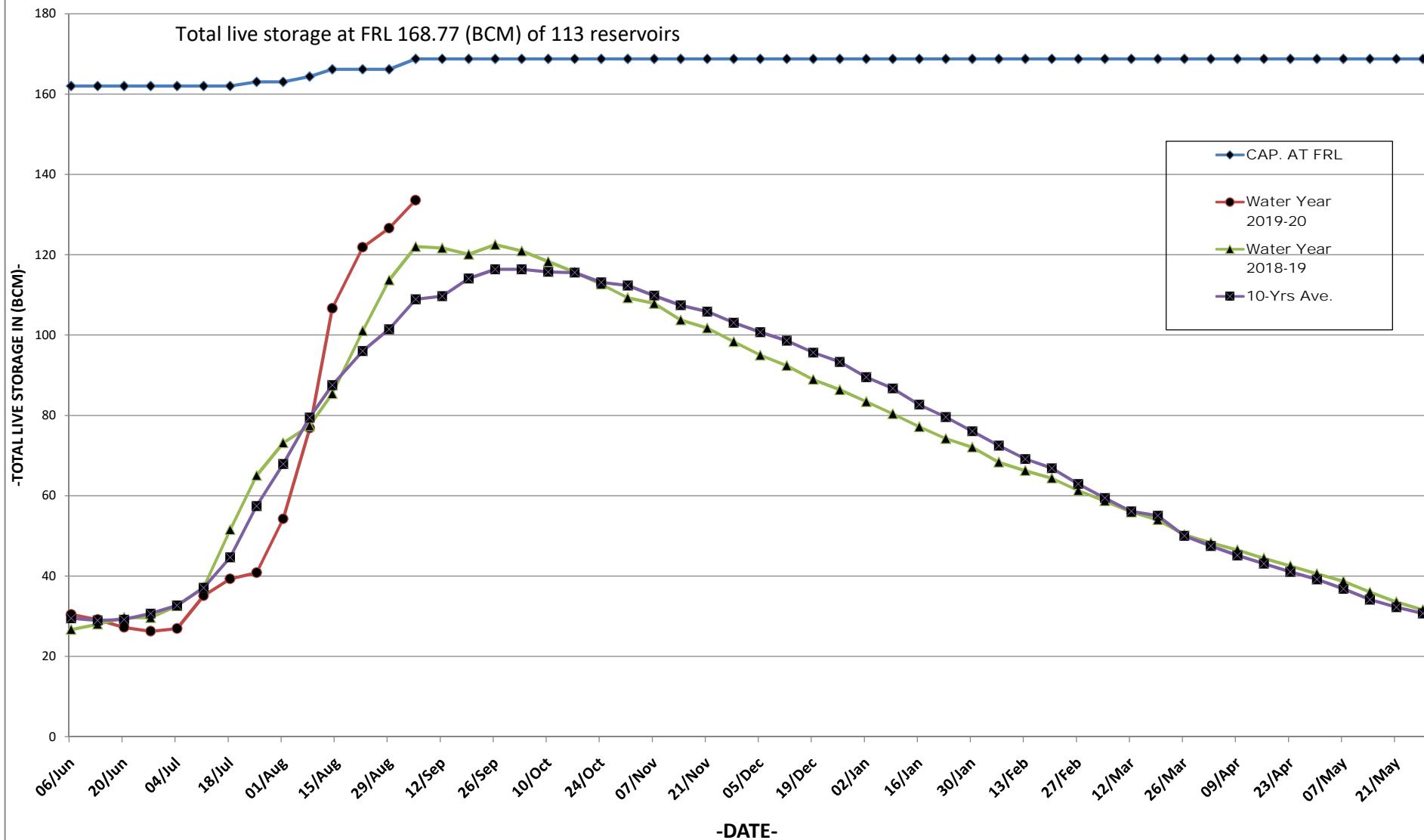
05.09.2019

**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><u>NORTHERN REGION</u></b>						
1	H.P.	3	12.48	0.22	0.59	0.41
2	PUNJAB	1	2.34	0.00	0.04	0.05
3	RAJASTHAN	4	4.36	0.05	0.24	0.09
<b>SUB-TOTAL</b>		<b>8</b>	<b>19.17</b>	<b>0.27</b>	<b>0.86</b>	<b>0.55</b>
<b><u>EASTERN REGION</u></b>						
1	JHARKHAND	5	1.79	0.03	0.15	0.04
2	ORISSA	8	15.33	1.08	1.13	1.38
3	W. BENGAL	2	1.39	0.03	0.02	0.01
4	TRIPURA	1	0.31	0.00	-0.01	0.01
5	NAGALAND	1	0.54	0.01	-0.01	0.00
<b>SUB-TOTAL</b>		<b>17</b>	<b>19.37</b>	<b>1.14</b>	<b>1.28</b>	<b>1.44</b>
<b><u>WESTERN REGION</u></b>						
1	GUJARAT	17	17.96	0.86	0.89	0.81
2	MAH.	22	15.98	0.28	0.33	0.64
<b>SUB-TOTAL</b>		<b>39</b>	<b>33.94</b>	<b>1.14</b>	<b>1.21</b>	<b>1.46</b>
<b><u>CENTRAL REGION</u></b>						
1	U.P.	3	6.69	0.30	0.64	0.17
2	UTTARAKHAND	2	4.81	0.30	0.25	0.20
3	M.P.	9	28.40	1.23	1.97	0.64
4	CHHATISGARH	2	3.81	0.13	0.14	0.06
<b>SUB-TOTAL</b>		<b>16</b>	<b>43.71</b>	<b>1.95</b>	<b>3.00</b>	<b>1.07</b>
<b><u>SOUTHERN REGION</u></b>						
1	AP&TG	2	15.13	-0.60	0.63	0.57
2	A.P	2	2.50	0.13	0.25	0.12
3	TELANGANA	3	3.40	0.48	0.03	0.10
4	KARNATAKA	14	23.49	0.10	0.01	0.55
5	KERALA	6	3.83	0.25	-0.18	0.15
6	T.N.	6	4.23	0.00	0.01	0.02
<b>SUB-TOTAL</b>		<b>33</b>	<b>52.58</b>	<b>0.36</b>	<b>0.76</b>	<b>1.51</b>
<b>COUNTRY AS A WHOLE</b>		<b>113</b>	<b>168.77</b>	<b>4.86</b>	<b>7.12</b>	<b>6.02</b>

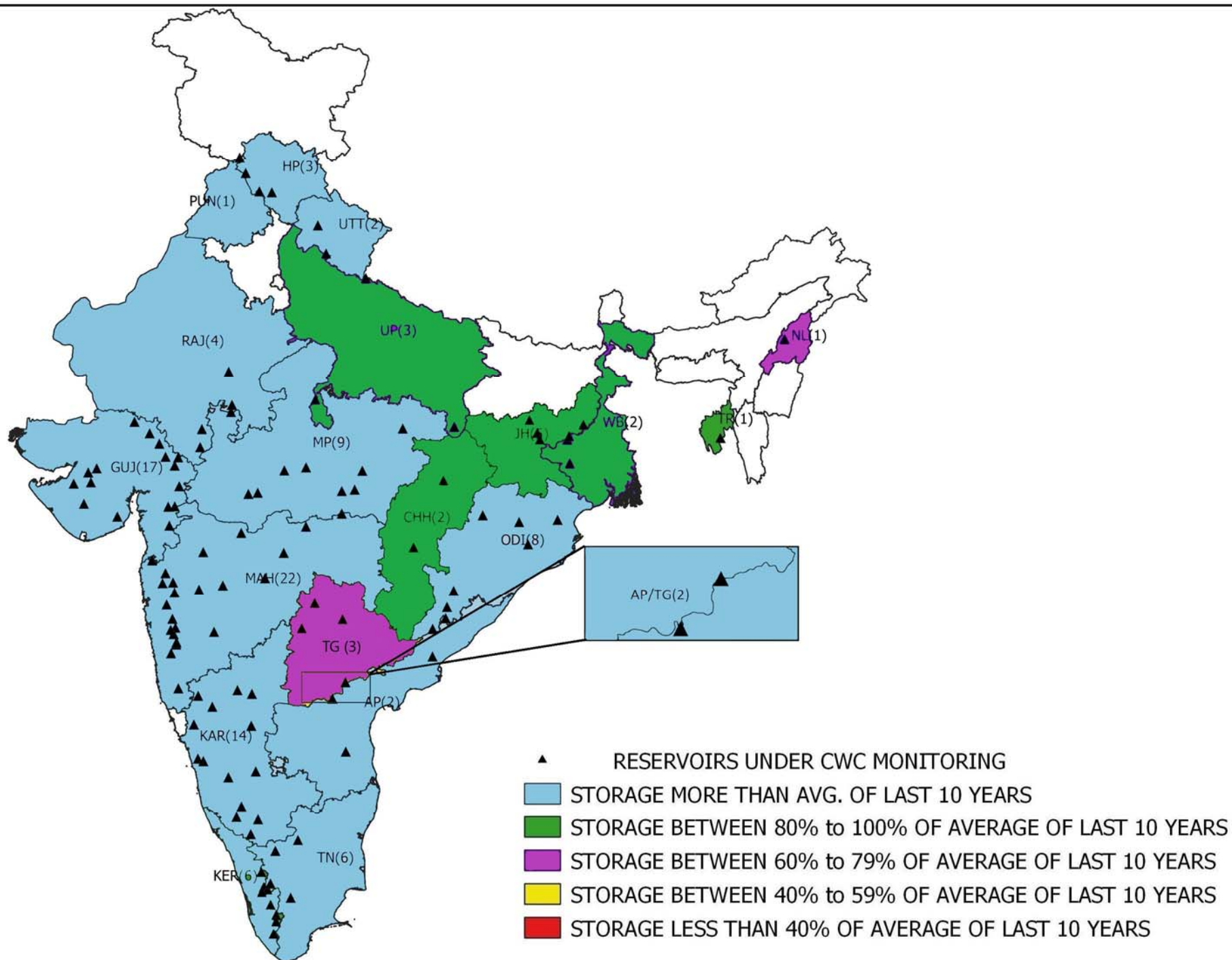
# STORAGE POSITION OF 113 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2019-2020)

AS ON 05.09.2019



# Map Indicating Statewise Storage Position

(As on 05.09.2019)





**WEEKLY REPORT OF 113 IMPORTANT RESERVOIRS OF INDIA**

WEEK ENDING

**05.09.2019**

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	05-09-2019	267.55	4.920	59	269.08	5.664	68	4.628	56	87	106	*1
2	*2 NAGARJUNA SAGAR	AP/TG	895	810	179.83	6.841	05-09-2019	178.43	4.727	69	178.92	4.923	72	2.783	41	96	170	*2
3	3 SOMASILA	AP	168	0	100.58	1.994	05-09-2019	89.96	0.698	35	90.48	0.746	37	0.582	29	94	120	3
4	4 YELERU	AP	66.6	0	86.56	0.508	05-09-2019	82.35	0.290	57	82.68	0.304	60	0.137	27	95	212	4
5	5 SRIRAMSAGAR	TG	411	27	332.54	2.3	05-09-2019	325.92	0.780	34	331.26	2.056	89	1.212	53	38	64	5
6	6 LOWER MANAIR	TG	199	60	280.42	0.621	05-09-2019	274.17	0.284	46	270.92	0.158	25	0.276	44	180	103	6
7	7 NIZAM SAGAR	TG	93.619	10	428.24	0.482	04-09-2019	419.62	0.025	5	422.07	0.043	9	0.163	34	58	15	7
8	8 TENUGHAT	JHA	0	0	269.14	0.821	05-09-2019	259.23	0.386	47	259.81	0.409	50	0.377	46	94	102	8
9	9 MAITHON	JHA	342	0	146.3	0.471	05-09-2019	145.49	0.396	84	146.52	0.454	96	0.406	86	87	98	9
10	*10 PANCHET HILL	JHA	\$	80	124.97	0.184	05-09-2019	125.23	0.184	100	124.78	0.175	95	0.152	83	105	121	*10
11	11 KONAR	JHA	\$	0	425.81	0.176	05-09-2019	418.55	0.064	36	422.82	0.125	71	0.130	74	51	49	11
12	12 TILAIYA	JHA	\$	4	368.81	0.142	05-09-2019	365.11	0.034	24	367.76	0.107	75	0.104	73	32	33	12
13	*13 UKAI	GUJ	348	300	105.16	6.615	05-09-2019	103.42	5.726	87	96.84	2.765	42	4.439	67	207	129	*13
14	14 SABARMATI(DHAROI)	GUJ	95	1	189.59	0.735	05-09-2019	185.47	0.376	51	182.31	0.186	25	0.439	60	202	86	14
15	*15 KADANA	GUJ	200	120	127.7	1.472	05-09-2019	127.00	1.119	76	126.34	1.053	72	0.933	63	106	120	*15
16	16 SHETRUNJI	GUJ	36	0	55.53	0.3	05-09-2019	52.42	0.116	39	52.77	0.129	43	0.175	58	90	66	16
17	17 BHADAR	GUJ	27	0	107.89	0.188	05-09-2019	105.84	0.111	59	105.32	0.096	51	0.104	55	116	107	17
18	18 DAMANGANGA	GUJ	51	1	79.86	0.502	05-09-2019	76.90	0.348	69	77.00	0.352	70	0.361	72	99	96	18
19	19 DANTIWADA	GUJ	45	0	184.1	0.399	05-09-2019	172.82	0.086	22	172.39	0.079	20	0.133	33	109	65	19
20	20 PANAM	GUJ	36	2	127.41	0.697	05-09-2019	127.35	0.549	79	127.15	0.535	77	0.486	70	103	113	20
21	*21 SARDAR SAROVAR	GUJ	2120	1450	138.68	5.76	05-09-2019	135.65	4.812	84	124.05	1.952	34	1.612	28	247	299	*21
22	22 KARJAN	GUJ	51	3	115.25	0.523	05-09-2019	112.94	0.448	86	112.35	0.432	83	0.380	73	104	118	22
23	23 SUKHI(GUJ)	GUJ	20.701	0	147.82	0.167	05-09-2019	147.51	0.159	95	144.40	0.097	58	0.099	59	164	161	23
24	24 WATRAK	GUJ	22.977	0	136.25	0.154	05-09-2019	132.02	0.049	32	131.93	0.048	31	0.102	66	102	48	24
25	25 HATHMATI	GUJ	5.166	0	180.74	0.153	05-09-2019	176.30	0.035	23	178.19	0.062	41	0.039	25	56	90	25
26	26 MACHCHHU-I	GUJ	0	0	135.33	0.071	05-09-2019	135.33	0.069	97	128.89	0.014	20	0.030	42	493	230	26
27	27 MACHCHHU-II	GUJ	10.13	0	57.3	0.091	05-09-2019	57.30	0.084	92	50.30	0.008	9	0.045	49	1050	187	27
28	28 UND-I	GUJ	9.9	0	98	0.066	05-09-2019	98.00	0.066	100	94.92	0.028	42	0.033	50	236	200	28
29	29 BRAHMANI(GUJ)	GUJ	6.413	0	64.62	0.071	05-09-2019	63.67	0.044	62	58.98	0.007	10	0.025	35	629	176	29
30	*30 GOBIND SAGAR(BHAKRA)	HP	676	1200	512.06	6.229	05-09-2019	510.62	5.430	87	501.30	4.335	70	5.109	82	125	106	*30
31	*31 PONG DAM(BEAS)	HP	0	360	423.67	6.157	05-09-2019	422.62	5.523	90	418.80	4.783	78	4.846	79	115	114	*31
32	*32 KOL DAM	HP	0	800	642	0.089	05-09-2019	640.76	0.070	79	639.03	0.037	42	0.038	43	189	184	*32
33	33 KRISHNARAJA SAGARA	KAR	79	0	752.5	1.163	05-09-2019	752.50	1.163	100	752.50	1.163	100	0.854	73	100	136	33
34	*34 TUNGABHADRA	KAR	529	72	497.74	3.276	05-09-2019	497.74	2.856	87	497.54	2.784	85	2.540	78	103	112	*34
35	35 GHATAPRABHA(HIDKAL)	KAR	317	0	662.95	1.391	05-09-2019	662.94	1.387	100	662.94	1.387	100	1.196	86	100	116	35
36	36 BHADRA	KAR	106	39	657.76	1.785	05-09-2019	657.67	1.775	99	657.48	1.753	98	1.488	83	101	119	36
37	37 LINGANAMAKKI	KAR	0	55	554.43	4.294	05-09-2019	554.37	4.278	100	554.20	4.226	98	3.215	75	101	133	37
38	38 NARAYANPUR	KAR	425	0	492.25	0.863	05-09-2019	491.90	0.694	80	492.20	0.734	85	0.707	82	95	98	38
39	39 MALAPRABHA(RENUKA)	KAR	215	0	633.83	0.972	05-09-2019	633.83	0.972	100	631.20	0.663	68	0.523	54	147	186	39
40	40 KABINI	KAR	85	0	696.66	0.444	05-09-2019	695.93	0.430	97	696.08	0.439	99	0.287	65	98	150	40
41	41 HEMAVATHY	KAR	265	0	890.63	0.927	05-09-2019	890.48	0.927	100	890.15	0.927	100	0.734	79	100	126	41
42	42 HARANGI	KAR	53	0	871.42	0.22	05-09-2019	871.18	0.220	100	870.25	0.192	87	0.203	92	115	108	42
43	43 SUPA	KAR	0	0	564	4.12	05-09-2019	563.37	4.039	98	562.74	3.963	96	2.578	63	102	157	43
44	44 VANI VILAS SAGAR	KAR	123	0	652.28	0.802	05-09-2019	631.64	0.009	1	632.16	0.016	2	0.082	10	56	11	44
45	*45 ALMATI	KAR	@	290	519.6	3.105	05-09-2019	519.35	3.015	97	519.60	3.105	100	2.831	91	97	106	*45
46	*46 GERUSOPPA	KAR	83	240	55	0.13	05-09-2019	49.52	0.099	76	47.04	0.087	67	0.106	82	114	93	*46

**WEEKLY REPORT OF 113 IMPORTANT RESERVOIRS OF INDIA**

WEEK ENDING

**05.09.2019**

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
47	47 KALLADA(PARAPPAR)	KRL	62	0	115.82	0.507	05-09-2019	112.20	0.407	80	113.67	0.457	90	0.323	64	89	126	47
48	*48 IDAMALAYAR	KRL	33	75	169	1.018	05-09-2019	155.72	0.649	64	164.70	0.894	88	0.710	70	73	91	*48
49	*49 IDUKKI	KRL	0	780	732.43	1.46	05-09-2019	720.76	0.859	59	729.25	1.284	88	0.903	62	67	95	*49
50	*50 KAKKI	KRL	23	300	981.46	0.447	05-09-2019	970.42	0.285	64	978.17	0.390	87	0.306	68	73	93	*50
51	*51 PERIYAR	KRL	84	140	867.41	0.173	05-09-2019	864.89	0.113	65	866.73	0.152	88	0.087	50	74	130	*51
52	52 MALAMPUZHA	KRL	21.165	2.5	115.06	0.224	05-09-2019	113.98	0.197	88	114.07	0.199	89	0.159	71	99	124	52
53	*53 GANDHI SAGAR	MP	220	115	399.9	6.827	05-09-2019	399.51	6.378	93	391.03	2.321	34	2.923	43	275	218	*53
54	54 TAWA	MP	247	0	355.4	1.944	04-09-2019	355.31	1.944	100	350.92	1.283	66	1.755	90	152	111	54
55	*55 BARGI	MP	157	90	422.76	3.18	04-09-2019	422.60	3.148	99	422.60	3.148	99	2.713	85	100	116	*55
56	*56 BANSAGAR	MP	488	425	341.64	5.166	05-09-2019	340.13	4.493	87	340.07	4.466	86	3.731	72	101	120	*56
57	*57 INDIRA SAGAR	MP	2380	1000	262.13	9.745	04-09-2019	261.64	9.298	95	259.74	7.709	79	7.122	73	121	131	*57
58	58 BARNA DAM	MP	546	0	348.55	0.456	04-09-2019	348.40	0.445	98	344.87	0.227	50	0.373	82	196	119	58
59	*59 OMKARESHWAR	MP	132.5	520	196.6	0.299	05-09-2019	192.98	0.000	0	192.02	0.000	0	0.000	0	0	0	*59
60	60 SANJAY SAROVAR	MP	12.646	3.45	519.38	0.508	05-09-2019	518.30	0.359	71	515.95	0.255	50	0.348	69	141	103	60
61	61 KOLAR DAM	MP	25.677	0	462.2	0.27	05-09-2019	458.63	0.198	73	451.84	0.111	41	0.169	63	178	117	61
62	*62 MINIMATA BANGO	CHH	0	120	359.66	3.046	05-09-2019	355.85	2.262	74	358.00	2.608	86	2.253	74	87	100	*62
63	63 MAHANADI	CHH	319	10	348.7	0.767	04-09-2019	343.30	0.339	44	348.40	0.739	96	0.577	75	46	59	63
64	64 JAYAKWADI(PAITHAN)	MAH	227	0	463.91	2.171	05-09-2019	463.08	1.860	86	461.00	1.029	47	0.767	35	181	243	64
65	*65 KOYANA	MAH	0	1920	657.9	2.652	05-09-2019	659.31	2.652	100	658.99	2.652	100	2.581	97	100	103	*65
66	66 BHIMA(UJJANI)	MAH	125	12	496.83	1.517	04-09-2019	497.00	1.517	100	497.11	1.517	100	1.060	70	100	143	66
67	67 ISAPUR	MAH	104	0	441	0.965	05-09-2019	429.38	0.149	15	437.69	0.648	67	0.491	51	23	30	67
68	68 MULA	MAH	139	0	552.3	0.609	05-09-2019	551.50	0.566	93	549.03	0.446	73	0.431	71	127	131	68
69	69 YELDARI	MAH	78	0	461.77	0.809	05-09-2019	447.10	0.000	0	450.38	0.074	9	0.255	32	0	0	69
70	70 GIRNA	MAH	79	0	398.07	0.524	05-09-2019	396.24	0.428	82	391.87	0.253	48	0.170	32	169	252	70
71	71 KHADAKVASLA	MAH	78	8	582.47	0.056	05-09-2019	582.47	0.056	100	582.47	0.056	100	0.043	77	100	130	71
72	*72 UPPER VAITARNA	MAH	0	61	603.5	0.331	05-09-2019	603.29	0.325	98	603.09	0.319	96	0.292	88	102	111	*72
73	73 UPPER TAPI	MAH	45	0	214	0.255	05-09-2019	210.20	0.070	27	213.00	0.198	78	0.167	65	35	42	73
74	*74 PENCH(TOTLADOH)	MAH	127	160	490	1.091	05-09-2019	481.20	0.467	43	476.50	0.279	26	0.740	68	167	63	*74
75	75 UPPER WARDHA	MAH	70	0	342.5	0.564	05-09-2019	341.73	0.496	88	338.59	0.268	48	0.476	84	185	104	75
76	76 BHATSA	MAH	29.378	15	142.07	0.942	05-09-2019	141.27	0.921	98	141.03	0.914	97	0.852	90	101	108	76
77	77 DHOM	MAH	36.2	2	747.7	0.331	05-09-2019	747.18	0.319	96	747.08	0.317	96	0.270	82	101	118	77
78	78 DUDHGANGA	MAH	2.441	24	646	0.664	05-09-2019	645.80	0.664	100	645.24	0.653	98	0.635	96	102	105	78
79	79 MANIKDOH	MAH	2.2	6	711.25	0.288	05-09-2019	707.45	0.223	77	706.78	0.212	74	0.153	53	105	146	79
80	80 BHANDARDARA	MAH	63.74	46	744.91	0.304	05-09-2019	744.73	0.304	100	744.73	0.304	100	0.289	95	100	105	80
81	81 URMODI	MAH	37	3	696	0.273	05-09-2019	695.83	0.271	99	695.70	0.269	99	0.250	92	101	108	81
82	82 BHATGHAR	MAH	60.656	14.09	623.28	0.673	05-09-2019	623.28	0.666	99	623.28	0.666	99	0.635	94	100	105	82
83	83 NIRA DEOGHAR	MAH	0	6	667.1	0.332	05-09-2019	667.10	0.332	100	667.10	0.332	100	0.278	84	100	119	83
84	*84 THOKARWADI	MAH	0	72	667.14	0.353	05-09-2019	667.14	0.353	100	666.90	0.346	98	0.256	73	102	138	*84
85	85 KANHER	MAH	44.78	4	690.78	0.272	05-09-2019	690.60	0.268	99	690.20	0.261	96	0.252	93	103	106	85
86	*86 DOYANG HEP	NAG	0	75	333	0.535	05-09-2019	315.78	0.273	51	323.30	0.375	70	0.367	69	73	74	*86
87	*87 HIRAKUD	ORI	153	307	192.02	5.378	05-09-2019	190.73	3.998	74	190.26	3.721	69	3.806	71	107	105	*87
88	*88 BALIMELA	ORI	0	360	462.08	2.676	04-09-2019	454.91	1.552	58	461.16	2.499	93	1.339	50	62	116	*88
89	89 SALANADI	ORI	42	0	82.3	0.558	04-09-2019	75.96	0.364	65	80.06	0.488	87	0.241	43	75	151	89
90	*90 RENGALI	ORI	3	200	123.5	3.432	04-09-2019	122.42	3.075	90	122.59	3.133	91	2.325	68	98	132	*90
91	*91 MACHKUND(JALAPUT)	ORI	0	115	838.16	0.893	04-09-2019	837.36	0.815	91	837.59	0.836	94	0.621	70	97	131	*91
92	*92 UPPER KOLAB	ORI	89	320	858	0.935	04-09-2019	854.26	0.595	64	856.50	0.793	85	0.475	51	75	125	*92
93	*93 UPPER INDRAVATI	ORI	128	600	642	1.456	04-09-2019	640.77	1.319	91	640.35	1.272	87	0.931	64	104	142	*93
94	94 SAPUA	ORI	0	0	168.5	0.006	05-09-2019	168.18	0.006	100	166.98	0.005	83	0.004	67	120	150	94
95	*95 THEIN DAM	PUN	348	600	527.91	2.344	05-09-2019	524.22	2.039	87	521.05	1.800	77	1.665	71	113	122	*95
96	*96 MAHI BAJAJ SAGAR	RAJ	63	140	280.75	1.711	05-09-2019	281.15	1.711	100	277.85	1.340	78	1.461	85	128	117	*96
97	97 JHAKAM	RAJ	28	0	359.5	0.132	05-09-2019	360.00	0.132	100	356.60	0.103	78	0.109	83	128	121	97
98	*98 RANA PRATAP SAGAR	RAJ	229	172	352.81	1.436	05-09-2019	352.65	1.412	98	349.53	0.830	58	0.910	63	170	155	*98

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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
99	99 BISALPUR	RAJ	81.8	0	315.5	1.076	05-09-2019	315.50	1.076	100	309.25	0.228	21	0.628	58	472	171	99
100	100 LOWER BHAWANI	TN	105	8	278.89	0.792	05-09-2019	277.12	0.692	87	279.50	0.792	100	0.386	49	87	179	100
101	*101 METTUR(STANLEY)	TN	122	360	240.79	2.647	05-09-2019	239.53	2.464	93	240.83	2.647	100	1.563	59	93	158	*101
102	102 VAIGAI	TN	61	6	279.2	0.172	05-09-2019	274.04	0.073	42	278.63	0.159	92	0.060	35	46	122	102
103	103 PARAMBIKULAM	TN	101	0	556.26	0.38	05-09-2019	552.77	0.307	81	556.14	0.377	99	0.278	73	81	110	103
104	104 ALIYAR	TN	#	60	320.04	0.095	05-09-2019	313.70	0.056	59	319.64	0.093	98	0.070	74	60	80	104
105	*105 SHOLAYAR	TN	0	95	1002.79	0.143	05-09-2019	1003.66	0.134	94	1002.87	0.129	90	0.116	81	104	116	*105
106	106 GUMTI	TRP	0	15	93.55	0.312	04-09-2019	90.50	0.178	57	92.95	0.285	91	0.193	62	62	92	106
107	107 MATATILA	UP	0	30	308.46	0.707	04-09-2019	308.15	0.609	86	307.97	0.589	83	0.534	76	103	114	107
108	*108 RIHAND	UP	0	300	268.22	5.649	05-09-2019	259.96	2.227	39	263.01	3.428	61	2.872	51	65	78	*108
109	109 SHARDA SAGAR	UP	126.5	0	190.5	0.33	05-09-2019	185.20	0.128	39	187.91	0.189	57	0.192	58	68	67	109
110	*110 RAMGANGA	UKH	1897	198	365.3	2.196	05-09-2019	350.10	1.182	54	349.44	1.148	52	1.312	60	103	90	*110
111	*111 TEHRI	UKH	2351	1000	830	2.615	05-09-2019	824.85	2.402	92	820.90	2.242	86	2.154	82	107	112	*111
112	112 MAYURAKSHI	WB	227	0	121.31	0.48	05-09-2019	114.35	0.186	39	115.29	0.219	46	0.253	53	85	74	112
113	113 KANGSABATI	WB	341	0	134.14	0.914	05-09-2019	128.02	0.430	47	128.23	0.447	49	0.519	57	96	83	113
TOTAL FOR 113 RESERVOIRS			20811.2	17589.04		168.772		133.588			122.024			108.901				
PERCENTAGE								79			72			65		109	123	

\* 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