

BRIEF NOTE ON LIVE STORAGE STATUS OF 133 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 11.11.2021)

1. ALL INDIA STATUS

Central Water Commission is monitoring live storage status of 133 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 133 reservoirs is **172.463 BCM** which is about **66.89%** 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 **11.11.2021**, live storage available in these reservoirs is **138.05 BCM**, which is **80%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **146.48 BCM** and the average of last 10 years live storage was **126.63 BCM**. Thus, the live storage available in 133 reservoirs as per **11.11.2021 Bulletin** is **94%** of the live storage of corresponding period of last year and **109%** of storage of average of last ten years.

As per Table-01, the overall storage position is **less than the** corresponding period of last year in the country as a whole but it is **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 9 reservoirs under CWC monitoring having total live storage capacity of 19.37 BCM. As per Reservoir Storage Bulletin dated **11.11.2021**, the total live storage available in these reservoirs is **11.94 BCM** which is **62%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **63%** and average storage of last ten years during corresponding period was **76%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year and is also less than the average storage of last ten years during the corresponding period.

b) EASTERN REGION

The Eastern region includes States of Jharkhand, Odisha, West Bengal, Tripura, Nagaland and Bihar. There are 21 reservoirs under CWC monitoring having total live storage capacity of 20.09 BCM. As per Reservoir Storage Bulletin dated **11.11.2021**, the total live storage available in these reservoirs is **14.37 BCM** which is **72%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **74%** and average storage of last ten years during corresponding period was **76%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year and is also less than the average storage of last ten years during the corresponding period.

c) WESTERN REGION

The Western region includes States of Gujarat and Maharashtra. There are 42 reservoirs under CWC monitoring having total live storage capacity of 35.24 BCM. As per Reservoir Storage Bulletin dated **11.11.2021**, the total live storage available in these reservoirs is **30.28 BCM** which is **86%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **92%** 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 storage of last year but it is 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 24 reservoirs under CWC monitoring having total live storage capacity of 45.45 BCM. As per Reservoir Storage Bulletin dated **11.11.2021**, the total live storage available in these reservoirs is **36.89 BCM** which is **81%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **88%** and average storage of last ten years during corresponding period was **80%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the storage of last year but is better than the average storage of last ten years during the corresponding period.

e) SOUTHERN REGION

The Southern region includes States of Andhra Pradesh, Telangana, AP&TG (2combined projects in both states), Karnataka, Kerala and Tamil Nadu. There are 37 reservoirs under CWC monitoring having total live storage capacity of 52.32 BCM. As per Reservoir Storage Bulletin dated **11.11.2021**, the total live storage available in these reservoirs is **44.57 BCM** which is **85%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **90%** and average storage of last ten years during corresponding period was **67%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the storage of corresponding period of last year but it 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 10, better than normal storage is available in Ganga, Subarnarekha, Narmada, Tapi, Godavari, Krishna, Mahanadi & Neighbouring East Flowing Rivers, Cauvery & neighbouring EFRs and West Flowing Rivers of South. Close to Normal in Mahi and Rivers of Kutch, Deficient in Indus and Sabarmati and Nil in Highly Deficient.
- Table on page 11-13 of the bulletin. The numbers of reservoirs having storage more than last year are **46** and reservoirs having storage more than average of last ten years are **94**. The numbers of reservoirs having storage less than or equal to 20% with respect to last year is **3** and having storage less than or equal to 20% with reference to average of last ten years is also **Nil**. The number of reservoirs having storage less than or equal to 50% with respect to last year are **11** 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, Jharkhand, Bihar, West Bengal, Uttar Pradesh, Uttarakhand, Kerala and Tamil Nadu.

States having equal storage (in %) to last year for corresponding period: Punjab and Telangana.

States having lesser storage (in %) than last year for corresponding period: Himachal Pradesh, Odisha, Tripura, Nagaland, Gujarat, Maharashtra, Madhya Pradesh, Chhattisgarh, AP&TG (Two combined projects in both states), Andhra Pradesh and Karnataka.

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 : 11-11-2021

- Central Water Commission is monitoring storage status of 133 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.
- The total live storage in 133 important reservoirs in different parts of the country, monitored by CWC as on 11-11-2021 is 138.050 BCM (80 percent of the live storage capacity at FRL).The current year's storage is nearly 94 percent of last year's storage and 109 percent of the average of last ten years.

3 Region wise storage status:-

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 133 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), (9 Resv.)	1	3	-	-	1	-	3	1	H.P.	-26 %
									PUNJAB	-25 %
									RAJASTHAN	2 %
EAST (Jharkhand,Odisha, Tripura, Nagaland, W.Bengal and Bihar) (21 Resv.)	6	1	3	1	2	4	3	1	JHARKHAND	11 %
									ODISHA	-12 %
									W. BENGAL	49 %
									TRIPURA	14 %
									NAGALAND	-8 %
WEST (Guj.& Mah.), (42 Resv.)	13	13	4	3	1	2	-	6	GUJARAT	19 %
									MAH.	19 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (24 Resv)	1	4	5	4	5	1	1	3	U.P.	11 %
									UTTARAKHAND	13 %
									M.P.	-1 %
									CHHATISGARH	-4 %
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (37 Resv.)	10	10	8	4	2	1	1	1	AP&TG	11 %
									A.P	68 %
									TELANGANA	64 %
									KARNATAKA	19 %
									KERALA	27 %
Status of 133 reservoirs	31	31	20	12	11	8	8	12	T.N.	66 %

4 Basin wise storage position:

Better than normal:

Ganga, Subernarekha, Narmada, Tapi, Godavari, Krishna,Mahanadi & Neighbouring East Flowing River, Cauvery & Neighbouring East Flowing River and West Flowing Rivers of South .

Close to normal:

Mahi and Rivers of Kutch .

Deficient:

Indus and Sabarmati .

Highly deficient:

NIL

5 Out of 133 reservoirs, **110** reservoirs reported more than 80% of normal storage & **23** reservoirs reported 80% or below of normal storage. Out of these **23** reservoirs **8** having storage upto 50% of normal storage.

Name of Reservoir having storage less than 50% of normal storage.	%
JAWAI DAM	26
DANTIWADA	26
DUDHAWA	32
RANGAWAN	38
UPPER INDRAVATI	44
KHADAKVASLA	49
BRAHMANI(GUJ)	50
WATRAK	50

15 reservoirs having storage 51% to 80% of normal storage.		
51% to 60%	61% to 70%	71% to 80%
2	8	5

6 Out of **44** reservoirs with significant(*) hydropower generation, the storage build up is less than or equal to normal in **18** reservoirs.

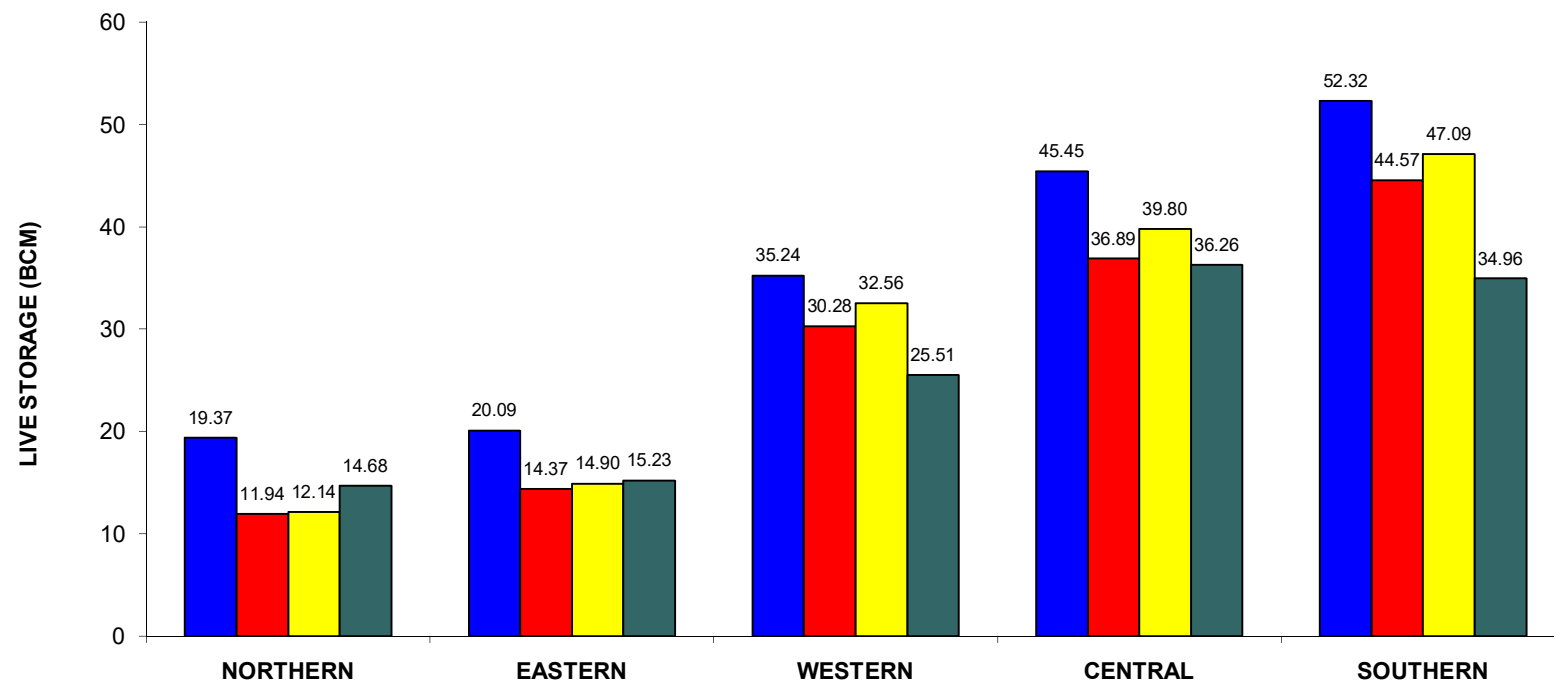
NOTE : **Normal:** Average of previous ten years, **Close to normal:** Where shortfall is up to 20% of the normal, **Deficient:** Where shortfall is more than 20% of the normal and up to 60% of the normal, **Highly deficient** : Where shortfall is more than 60% of the normal

TABLE-01
STATUS OF CURRENT STORAGE
11-11-2021

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 avg.
				CURRENT YEAR	LAST YEAR	LAST 10 YRS. AVG.	CURRENT YEAR	LAST YEAR	LAST 10 YRS. AVERAGE	
NORTHERN REGION										
1	H.P.	3	12.48	7.05	7.51	9.51	57	60	76	-26
2	PUNJAB	1	2.34	1.11	1.11	1.48	47	47	63	-25
3	RAJASTHAN	5	4.55	3.78	3.52	3.69	83	77	81	2
SUB-TOTAL		9	19.37	11.94	12.14	14.68	62	63	76	-19
EASTERN REGION										
1	JHARKHAND	6	2.01	1.53	1.50	1.38	76	75	68	11
2	ODISHA	10	15.70	11.07	11.88	12.52	70	76	80	-12
3	W. BENGAL	2	1.39	1.09	0.75	0.73	78	54	53	49
4	TRIPURA	1	0.31	0.24	0.31	0.21	77	100	67	14
5	NAGALAND	1	0.54	0.31	0.37	0.33	58	70	62	-8
6	BIHAR	1	0.14	0.14	0.08	0.06	100	57	45	123
SUB-TOTAL		21	20.09	14.37	14.90	15.23	72	74	76	-6
WESTERN REGION										
1	GUJARAT	17	17.96	13.88	15.83	11.67	77	88	65	19
2	MAH.	25	17.27	16.40	16.72	13.83	95	97	80	19
SUB-TOTAL		42	35.24	30.28	32.56	25.51	86	92	72	19
CENTRAL REGION										
1	U.P.	8	7.66	4.95	4.85	4.46	65	63	58	11
2	UTTARAKHAND	3	4.99	4.53	4.26	4.02	91	86	81	13
3	M.P.	9	28.40	24.25	26.99	24.48	85	95	86	-1
4	CHHATISGARH	4	4.41	3.15	3.69	3.30	72	84	75	-4
SUB-TOTAL		24	45.45	36.89	39.80	36.26	81	88	79.8	2
SOUTHERN REGION										
1	AP&TG	2	11.12	8.07	11.00	7.29	73	99	66	11
2	A.P	3	4.29	3.88	4.06	2.31	90	94	54	68
3	TELANGANA	4	4.23	4.23	4.23	2.58	100	100	61	64
4	KARNATAKA	16	24.63	20.70	21.51	17.47	84	87	71	19
5	KERALA	6	3.83	3.54	3.28	2.79	92	86	73	27
6	T.N.	6	4.23	4.16	3.02	2.51	98	71	59	66
SUB-TOTAL		37	52.32	44.57	47.09	34.96	85	90	67	27
COUNTRY AS A WHOLE		133	172.46	138.05	146.48	126.63	80	85	73	9

REGION-WISE STORAGE POSITION

(As on 11.11.2021)



REGION (H.P., Pun., Raj.) (Jhar., Ori, W.B., Tripura, Nagaland, Bihar) (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:

11-11-2021

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
A.P & TG	2	SRISAILAM	73
Gujarat	17	SABARMATI(DHAROI)	51
		DANTIWADA	26
		PANAM	69
		WATRAK	50
		HATHMATI	57
		BRAHMANI(GUJ)	50
Himachal Pradesh	3	GOBIND SAGAR(BHAKRA)	79
		PONG DAM(BEAS)	68
Karnataka	16	TATTIHALLA	66
Chhattisgarh	4	DUDHAWA	32
		TANDULA	80
Maharashtra	25	KHADAKVASLA	49
Odisha	10	BALIMELA	61
		MACHKUND(JALAPUT)	65
		UPPER KOLAB	65
		UPPER INDRAVATI	44
		HARIHARJHOR	65
Punjab	1	THEIN DAM	75
Rajasthan	5	BISALPUR	67
		JAWAI DAM	26
Uttar Pradesh	8	SHARDA SAGAR	80
		RANGAWAN	38

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

11-11-2021

STATE	TOTAL NO OF PROJECTS MONITORED	PROJECTS HAVING DEFICIENCY MORE THAN 50% OF AVG. OF LAST 10 YRS.	Current Year's Storage as %age of NORMAL
Gujarat	17	DANTIWADA	26
		WATRAK	50
		BRAHMANI	50
Chhattisgarh	4	DUDHAWA	32
Maharashtra	25	KHADAKVASLA	49
Odisha	10	UPPER INDRAVATI	44
Rajasthan	5	JAWAI DAM	26
Uttar Pradesh	8	RANGAWAN	38

IMD SUB-DIVISIONS HAVING LOW RAINFALL (80% or LESS THAN 80% OF NORMAL) AND STORAGE IN RESERVOIRS FALLING UNDER THESE AREAS AS ON: 11-11-2021						
RAINFALL POSITION*			STORAGE POSITION			
Meteorological Sub-Divisions	CUMULATIVE RAINFALL (mm) (1st Oct 2021 to 11th Nov 2021)	%AGE DEPARTURE FROM NORMAL	RESERVOIRS BENEFITING IMD SUB-DIVISION	LIVE STORAGE CAPACITY (BCM)	CURRENT STORAGE (BCM)	%AGE DEPARTURE FROM LAST 10 YRS AVG. STORAGE
Arunachal Pradesh	126	-38	No reservoir monitored by CWC falls under this IMD sub-Division			
Nagaland, Manipur, Mizoram & Tripura	89	-52	Gumti	0.31	0.24	14
			Doyang HEP	0.54	0.31	-8
Odisha	87	-25	Hirakud	5.38	4.70	2
			Balimela	2.68	1.21	29
			Salanadi	0.56	0.36	44
			Rengali	3.43	3.10	7
			Machkund	0.89	0.54	44
			Upper Kolab	0.94	0.40	-35
			Upper Indravati	1.46	0.44	-56
			SAPUA	0.01	0.01	50
			Hariharjhor	0.06	0.03	-35
			Mandira Dam	0.31	0.28	5
East Madhya Pradesh	29	-20	Bargi	3.18	3.13	7
			Bansagar	5.17	4.33	-12
			Indira Sagar	9.75	7.38	-7
			Sanjay Sarovar	0.51	0.39	10
			Rangawan	0.16	0.03	-62
Chhattisgarh	41	-35	Minimata Bango	3.05	2.30	-1
			Mahanadi	0.77	0.65	6
			Dudhawa	0.28	0.06	-68
Coastal Andhra Pradesh	156	-37	N. J. Sagar	5.11	5.08	58
			Somasila	1.99	1.99	52
			Yeleru	0.51	0.45	42
			Kandarelu	1.79	1.43	110
Telangana	65	-38	N.J.Sagar	5.11	5.08	58
			Sriram Sagar	2.30	2.30	110
			Lower Manair	0.62	0.62	52
			Nizam Sagar	0.48	0.48	67
			Singur	0.82	0.82	87

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

WEEKLY REPORT - BASINWISE

WEEK ENDING :- 11-11-2021

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	31.319	25.354	80.95%	24.460	78.10%	23.617	75.41%	7.35
SUBERNAREKHA	0.218	0.137	62.84%	0.119	54.59%	0.130	59.63%	5.38
INDUS	14.819	8.163	55.08%	8.618	58.16%	10.986	74.13%	-25.70
NARMADA	22.344	17.141	76.71%	20.949	93.76%	16.303	72.96%	5.14
TAPI	7.394	7.394	100.00%	7.306	98.81%	5.704	77.14%	29.63
MAHI	4.012	3.380	84.25%	3.446	85.89%	3.422	85.29%	-1.23
SABARMATI	1.042	0.411	39.44%	0.951	91.27%	0.797	76.49%	-48.43
RIVERS OF KUTCH	1.379	0.798	57.87%	1.154	83.68%	0.816	59.17%	-2.21
GODAVARI	17.714	13.931	78.64%	15.873	89.61%	11.988	67.68%	16.21
KRISHNA	31.298	26.009	83.10%	29.384	93.88%	22.798	72.84%	14.08
MAHANADI & NEIGHBOURING EFRS	14.151	11.635	82.22%	11.229	79.35%	11.397	80.54%	2.09
CAUVERY& NEIGHBOURING EFRS	10.151	9.484	93.43%	8.538	84.11%	5.858	57.71%	61.90
WEST FLOWING RIVERS OF SOUTH	16.622	14.213	85.51%	14.453	86.95%	12.814	77.09%	10.92
TOTAL	172.463	138.050		146.480		126.630		
PERCENTAGE								9.02

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 11-11-2021											
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
NORTHERN REGION											
<u>HIMACHAL PRADESH</u>											
*1	GOBIND SAGAR(BHAKRA)	512.06	500.12	6.229	3.870	11-11-2021	62	59	78	676	1379
*2	PONG DAM(BEAS)	423.67	411.11	6.157	3.100	11-11-2021	50	61	74	0	396
*3	KOL DAM	642	641.54	0.089	0.082	11-11-2021	92	90	92	0	800
<u>PUNJAB</u>											
*4	THEIN DAM	527.91	510.08	2.344	1.111	10-11-2021	47	47	63	348	600
<u>RAJASTHAN</u>											
*5	MAHI BAJAJ SAGAR	280.75	281.10	1.711	1.711	11-11-2021	100	100	99	63	140
6	JHAKAM	359.50	359.15	0.132	0.129	11-11-2021	98	99	97	28	0
*7	RANA PRATAP SAGAR	352.81	352.48	1.436	1.377	11-11-2021	96	62	67	229	172
8	BISALPUR	315.50	312.25	1.076	0.534	11-11-2021	50	58	74	81.8	0
9	JAWAI DAM	313.40	299.62	0.193	0.029	11-11-2021	15	83	59	38.67	0
EASTERN REGION											
<u>JHARKHAND</u>											
10	TENUGHAT	269.14	260.07	0.821	0.420	11-11-2021	51	50	49	0	0
\$11	MAITHON	146.3	148.04	0.471	0.471	11-11-2021	100	100	85	342	0
*\$12	PANCHET HILL	124.97	128.02	0.184	0.184	11-11-2021	100	100	85	0	80
\$13	KONAR	425.81	425.88	0.176	0.176	11-11-2021	100	98	92	0	0
\$14	TILAIYA	368.81	370.00	0.142	0.142	11-11-2021	100	97	90	0	4
15	GETALSUD	590.06	587.44	0.218	0.137	11-11-2021	63	55	60	0	130
<u>ODISHA</u>											
*16	HIRAKUD	192.02	191.84	5.378	4.704	11-11-2021	87	83	86	153	307
*17	BALIMELA	462.08	452.29	2.676	1.213	10-11-2021	45	74	74	0	360
18	SALANADI	82.30	75.90	0.558	0.362	11-11-2021	65	41	45	42	0
*19	RENGALI	123.50	122.49	3.432	3.099	10-11-2021	90	74	85	3	200
*20	MACHKUND(JALAPUT)	838.16	833.54	0.893	0.537	10-11-2021	60	98	92	0	115
*21	UPPER KOLAB	858.00	851.65	0.935	0.400	10-11-2021	43	52	66	89	320
*22	UPPER INDRAVATI	642.00	631.23	1.456	0.436	10-11-2021	30	69	69	128	600
23	SAPUA	168.50	167.82	0.006	0.006	11-11-2021	100	100	67	0	0
24	HARIHARJHOR	147.50	143.92	0.059	0.028	11-11-2021	47	81	73	9.95	0
25	MANDIRA DAM	210.31	209.24	0.309	0.282	11-11-2021	91	85	87	0	0
<u>WEST BENGAL</u>											
26	MAYURAKSHI	121.31	116.65	0.480	0.269	11-11-2021	56	62	50	227	0
27	KANGSABATI	134.14	132.66	0.914	0.819	11-11-2021	90	50	54	341	0
<u>TRIPURA</u>											
28	GUMTI	93.55	92.00	0.312	0.240	10-11-2021	77	100	67	0	15
<u>NAGALAND</u>											
*29	DOYANG HEP	333.00	318.65	0.535	0.308	11-11-2021	58	70	62	0	75
<u>BIHAR</u>											
30	CHANDAN DAM	152.39	152.40	0.14	0.14	11-11-2021	100.00	57.35	44.85	75.00	0.00
WESTERN REGION											
<u>GUJARAT</u>											
*31	UKAI	105.16	105.07	6.615	6.615	10-11-2021	100	99	78	348	300
32	SABARMATI(DHAROI)	189.59	184.31	0.735	0.296	11-11-2021	40	94	79	95	1
*33	KADANA	127.7	127.64	1.472	1.184	11-11-2021	80	79	73	200	120
34	SHETRUNJI	55.53	55.53	0.300	0.300	11-11-2021	100	100	68	36	0
35	BHADAR	107.89	107.90	0.188	0.188	11-11-2021	100	100	62	27	0
36	DAMANGANGA	79.86	79.70	0.502	0.470	10-11-2021	94	93	93	51	1
37	DANTIWADA	184.1	170.28	0.399	0.051	11-11-2021	13	60	49	45	0
38	PANAM	127.41	124.15	0.697	0.356	11-11-2021	51	63	74	36	2
*39	SARDAR SAROVAR	138.68	130.76	5.760	3.397	10-11-2021	59	80	42	2120	1450
40	KARJAN	115.25	115.15	0.523	0.512	10-11-2021	98	96	85	51	3
41	SUKHI(GUJ)	147.82	147.82	0.167	0.163	10-11-2021	98	98	72	20.701	0
42	WATRAK	136.25	132.50	0.154	0.057	10-11-2021	37	73	73	22.977	0
43	HATHMATI	180.74	178.03	0.153	0.058	10-11-2021	38	96	66	5.166	0
44	MACHCHHU-I	135.33	135.24	0.071	0.067	11-11-2021	94	96	66	0	0
45	MACHCHHU-II	57.3	57.09	0.091	0.080	10-11-2021	88	88	63	10.13	0
46	UND-I	98	97.98	0.066	0.066	10-11-2021	100	100	71	9.9	0
47	BRAHMANI(GUJ)	64.62	60.77	0.071	0.017	10-11-2021	24	72	48	6.413	0

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 11-11-2021											
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
MAHARASHTRA											
48	JAYAKWADI(PAITHAN)	463.91	463.91	2.171	2.171	11-11-2021	100	100	54	227	0
*49	KOYANA	657.90	656.84	2.652	2.525	10-11-2021	95	100	92	0	1920
50	BHIMA(UJJANI)	496.83	496.83	1.517	1.517	10-11-2021	100	100	84	125	12
51	ISAPUR	441.00	441.00	0.965	0.964	11-11-2021	100	100	70	104	0
52	MULA	552.30	552.22	0.609	0.605	11-11-2021	99	100	85	139	0
53	YELDARI	461.77	461.77	0.809	0.809	11-11-2021	100	100	54	78	0
54	GIRNA	398.07	398.07	0.524	0.524	11-11-2021	100	100	60	79	0
55	KHADAKVASLA	582.47	579.58	0.056	0.021	11-11-2021	38	80	77	78	8
*56	UPPER VAITARNA	603.50	603.43	0.331	0.329	11-11-2021	99	99	96	0	61
57	UPPER TAPI	214.00	214.00	0.255	0.255	11-11-2021	100	100	99	45	0
*58	PENCH(TOTLADOH)	490.00	487.99	1.091	0.866	11-11-2021	79	91	66	127	160
59	UPPER WARDHA	342.50	342.47	0.564	0.561	11-11-2021	99	100	89	70	0
60	BHATSA	142.07	140.00	0.942	0.885	11-11-2021	94	95	92	29.378	15
61	DHOM	747.70	746.12	0.331	0.295	11-11-2021	89	100	92	36.2	2
62	DUDHGANGA	646.00	644.27	0.664	0.621	11-11-2021	94	100	99	2.441	24
63	MANIKDOH	711.25	705.31	0.288	0.191	11-11-2021	66	48	68	2.2	6
64	BHANDARDARA	744.91	744.70	0.304	0.303	11-11-2021	100	100	91	63.74	46
65	URMODI	696.00	695.80	0.273	0.270	11-11-2021	99	100	95	37	3
66	BHATGHAR	623.28	623.13	0.673	0.661	11-11-2021	98	99	95	60.656	14.09
67	NIRA DEOGHAR	667.10	667.05	0.332	0.331	11-11-2021	100	100	93	0	6
*68	THOKARWADI	667.14	664.44	0.353	0.279	11-11-2021	79	70	80	0	72
69	KANHER	690.78	689.20	0.272	0.243	11-11-2021	89	100	90	44.78	4
*70	MULSHI	607.10	604.59	0.572	0.463	10-11-2021	81	81	77	0	300
71	SURYA	118.60	118.55	0.276	0.276	11-11-2021	100	99	97	18.324	6
72	TILLARI	113.20	112.50	0.447	0.437	11-11-2021	98	97	92	21.26	10
CENTRAL REGION											
UTTAR PRADESH											
73	MATATILA	308.46	308.46	0.707	0.641	11-11-2021	91	42	63	0	30
*74	RIHAND	268.22	263.32	5.649	3.553	11-11-2021	63	67	58	0	300
75	SHARDA SAGAR	190.50	186.54	0.330	0.191	11-11-2021	58	100	72	126.5	0
76	SIRSI	217.93	216.00	0.190	0.127	11-11-2021	67	50	53	80.566	0
77	MAUDAHA	147.80	145.90	0.179	0.114	11-11-2021	64	45	61	41.7	0
78	JIRGO	98.20	95.57	0.147	0.089	11-11-2021	61	56	54	13.14	0
79	RANGAWAN	233.17	224.18	0.155	0.030	11-11-2021	19	37	50	20.235	0
80	MEJA	178.00	173.50	0.299	0.204	11-11-2021	68	47	47	71.048	0
UTTRAKHAND											
*81	RAMGANGA	365.30	363.98	2.196	2.095	09-11-2021	95	79	74	1897	198
*82	TEHRI	830.00	822.25	2.615	2.297	11-11-2021	88	92	88	2351	1000
83	NANAK SAGAR	215.19	214.43	0.176	0.142	11-11-2021	81	69	61	250	0
MADHYA PRADESH											
*84	GANDHI SAGAR	399.90	399.67	6.827	6.470	11-11-2021	95	91	86	220	115
85	TAWA	355.40	355.15	1.944	1.944	09-11-2021	100	100	92	247	0
*86	BARGI	422.76	422.50	3.180	3.125	09-11-2021	98	98	92	157	90
*87	BANSAGAR	341.64	339.76	5.166	4.325	11-11-2021	84	92	95	488	425
*88	INDIRA SAGAR	262.13	259.41	9.745	7.380	11-11-2021	76	100	82	2380	1000
89	BARNA DAM	348.55	347.27	0.456	0.371	11-11-2021	81	95	89	546	0
*90	OMKARESHWAR	196.60	194.04	0.299	0.045	11-11-2021	15	77	16	132.5	520
91	SANJAY SAROVAR	519.38	518.90	0.508	0.387	11-11-2021	76	79	69	12.646	3.45
92	KOLAR DAM	462.20	459.08	0.270	0.204	11-11-2021	76	86	68	25.677	0
CHHATTIS GARH											
*93	MINIMATA BANGO	359.66	356.10	3.046	2.301	11-11-2021	76	81	76	0	120
94	MAHANADI	348.70	347.46	0.767	0.648	11-11-2021	84	100	80	319	10
95	DUDHAWA	425.10	416.79	0.284	0.056	11-11-2021	20	99	61	324.54	0
96	TANDULA	332.20	328.27	0.312	0.149	10-11-2021	48	54	60	246.36	0

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 11-11-2021											
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
SOUTHERN REGION											
<u>A.P & TG</u>											
*97	SRISAILAM	269.75	262.40	6.013	2.983	11-11-2021	50	99	68	0	770
*98	NAGARJUNA SAGAR	179.83	179.74	5.108	5.083	11-11-2021	100	99	63	895	810
<u>ANDHRA PRADESH</u>											
99	SOMASILA	100.58	99.64	1.994	1.994	11-11-2021	100	100	66	168	0
100	YELERU	86.56	85.62	0.508	0.454	11-11-2021	89	96	63	66.6	0
101	KANDALERU	85	82.27	1.792	1.429	11-11-2021	80	88	38	300	9
<u>TELANGANA</u>											
102	SRIRAMSAGAR	332.54	332.54	2.300	2.300	11-11-2021	100	100	66	411	27
103	LOWER MANAIR	280.42	279.76	0.621	0.621	11-11-2021	100	100	60	199	60
104	NIZAM SAGAR	428.24	428.24	0.482	0.482	11-11-2021	100	100	53	93.619	10
105	SINGUR	523.6	523.60	0.822	0.822	11-11-2021	100	100	54	16.187	15
<u>KARNATAKA</u>											
106	KRISHNARAJA SAGARA	752.50	752.50	1.163	1.163	11-11-2021	100	100	79	79	0
*107	TUNGABHADRA	497.74	497.57	3.276	2.796	11-11-2021	85	83	64	529	72
108	GHATAPRABHA(HIDKAL)	662.95	661.07	1.391	1.251	11-11-2021	90	100	83	317	0
109	BHADRA	657.76	657.55	1.785	1.761	11-11-2021	99	95	78	106	39
110	LINGANAMAKKI	554.43	552.85	4.294	3.816	10-11-2021	89	90	79	0	55
@111	NARAYANPUR	492.25	491.15	0.863	0.603	11-11-2021	70	78	73	425	0
112	MALAPRABHA(RENUKA)	633.83	633.06	0.972	0.875	11-11-2021	90	98	60	215	0
113	KABINI	696.66	696.14	0.444	0.442	11-11-2021	100	81	58	85	0
114	HEMAVATHY	890.63	886.64	0.927	0.695	11-11-2021	75	91	58	265	0
115	HARANGI	871.42	871.02	0.220	0.207	11-11-2021	94	75	51	53	0
116	SUPA	564.00	555.75	4.120	3.173	10-11-2021	77	85	73	0	0
117	VANI VILAS SAGAR	652.28	648.04	0.802	0.501	11-11-2021	62	33	17	123	0
*@118	ALMATTI	519.60	518.75	3.105	2.739	11-11-2021	88	100	78	0	290
*119	GERUSOPPA	55.00	49.83	0.130	0.101	11-11-2021	78	83	81	83	240
*120	MANI DAM	594.36	586.80	0.884	0.517	10-11-2021	58	68	71	0	469
*121	TATTIHALLA	468.30	458.25	0.249	0.063	11-11-2021	25	49	38	0	0
<u>KERALA</u>											
122	KALLADA(PARAPPAR)	115.82	114.40	0.507	0.454	11-11-2021	90	84	77	62	0
*123	IDAMALAYAR	169.00	165.32	1.018	0.912	11-11-2021	90	86	75	33	75
*124	IDUKKI	732.43	730.88	1.460	1.373	11-11-2021	94	89	70	0	780
*125	KAKKI	981.46	979.91	0.447	0.419	11-11-2021	94	87	75	23	300
*126	PERIYAR	867.41	867.85	0.173	0.173	11-11-2021	100	46	57	84	140
127	MALAMPUZHA	115.06	114.45	0.224	0.207	11-11-2021	92	96	82	21.165	2.5
<u>TAMIL NADU</u>											
128	LOWER BHAWANI	278.89	279.81	0.792	0.792	11-11-2021	100	93	58	105	8
*129	METTUR(STANLEY)	240.79	240.49	2.647	2.602	11-11-2021	98	62	57	122	360
130	VAIGAI	279.20	278.68	0.172	0.160	11-11-2021	93	28	50	61	6
#131	PARAMBIKULAM	556.26	555.96	0.380	0.373	11-11-2021	98	97	77	101	0
#132	ALIYAR	320.04	319.49	0.095	0.093	11-11-2021	98	93	78	0	60
*#133	SHOLAYAR	1002.79	1002.66	0.143	0.142	11-11-2021	99	87	72	0	95
TOTAL FOR 133 RESERVOIRS				172.463	138.050						
PERCENTAGE						80	85	73			

* HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

TOTAL CCA 101 TH. HA OF PARAMBIKULAM,ALIYAR & SHOLAYAR

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

† SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

Sd/-

Director

W. M. , CWC

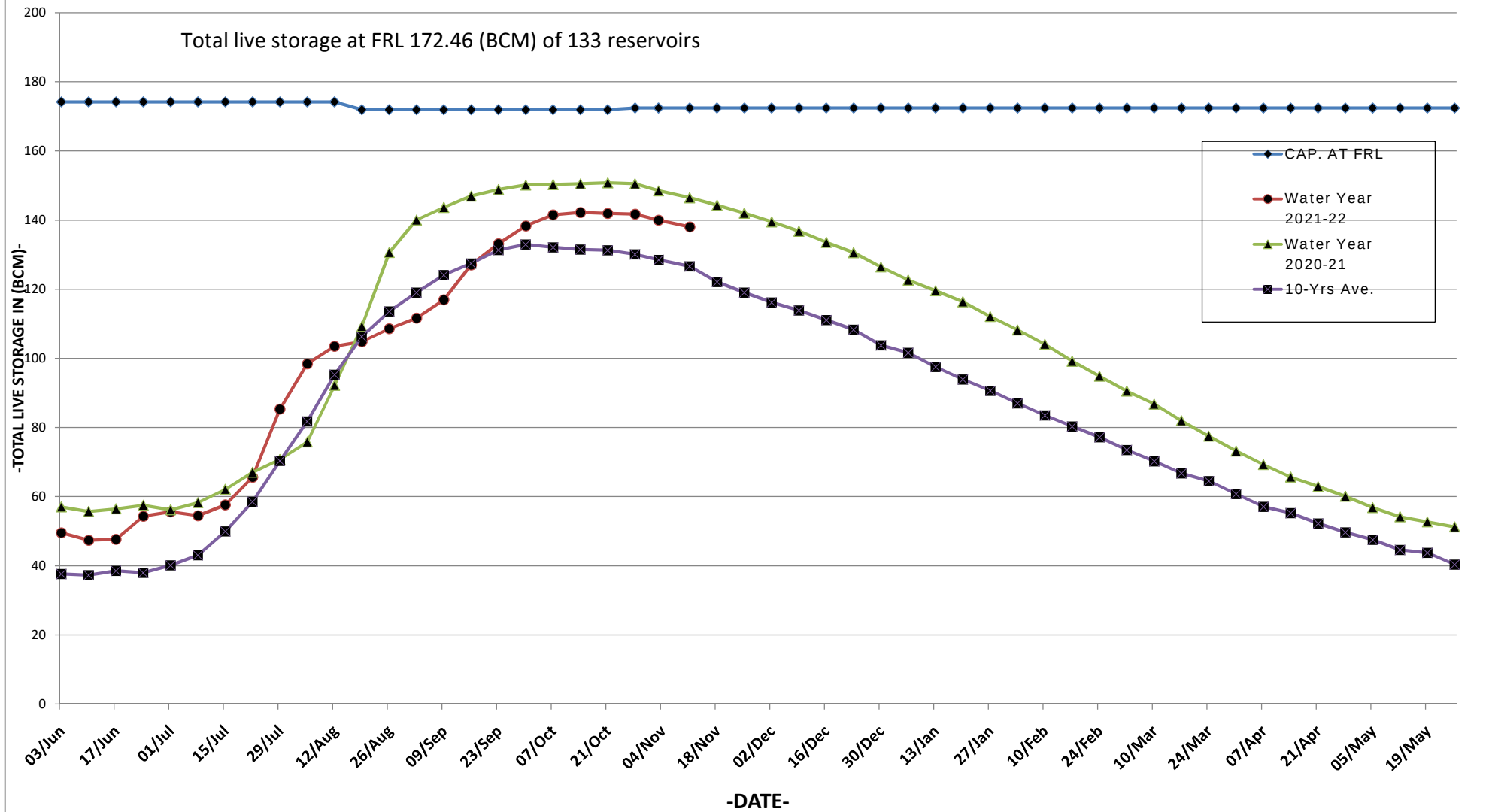
11-11-2021

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.
NORTHERN REGION						
1	H.P.	3	12.48	-0.20	-0.23	-0.21
2	PUNJAB	1	2.34	-0.03	-0.06	-0.05
3	RAJASTHAN	5	4.55	-0.04	-0.14	-0.06
SUB-TOTAL		9	19.37	-0.26	-0.43	-0.32
EASTERN REGION						
1	JHARKHAND	6	2.01	-0.01	0.00	0.01
2	ORISSA	10	15.70	-0.11	-0.44	-0.41
3	W. BENGAL	2	1.39	0.01	0.00	0.01
4	TRIPURA	1	0.31	-0.01	0.00	0.00
5	NAGALAND	1	0.54	-0.01	0.00	0.00
6	BIHAR	1	0.14	0.01	0.00	0.00
SUB-TOTAL		21	20.09	-0.12	-0.44	-0.39
WESTERN REGION						
1	GUJARAT	17	17.96	-0.12	-0.14	-0.34
2	MAH.	25	17.27	-0.20	-0.06	0.15
SUB-TOTAL		42	35.24	-0.32	-0.20	-0.20
CENTRAL REGION						
1	U.P.	8	7.66	-0.01	0.02	-0.09
2	UTTARAKHAND	3	4.99	-0.02	-0.05	-0.01
3	M.P.	9	28.40	-0.27	-0.16	-0.14
4	CHHATISGARH	4	4.41	0.00	-0.01	0.10
SUB-TOTAL		24	45.45	-0.30	-0.21	-0.14
SOUTHERN REGION						
1	AP&TG	2	11.12	-0.85	-0.07	-0.32
2	A.P	3	4.29	0.01	0.06	0.10
3	TELANGANA	4	4.23	0.00	0.00	-0.14
4	KARNATAKA	16	24.63	-0.43	-0.52	-0.55
5	KERALA	6	3.83	0.02	-0.04	0.00
6	T.N.	6	4.23	0.33	-0.13	0.07
SUB-TOTAL		37	52.32	-0.92	-0.70	-0.84
COUNTRY AS A WHOLE		133	172.46	-1.93	-1.98	-1.89

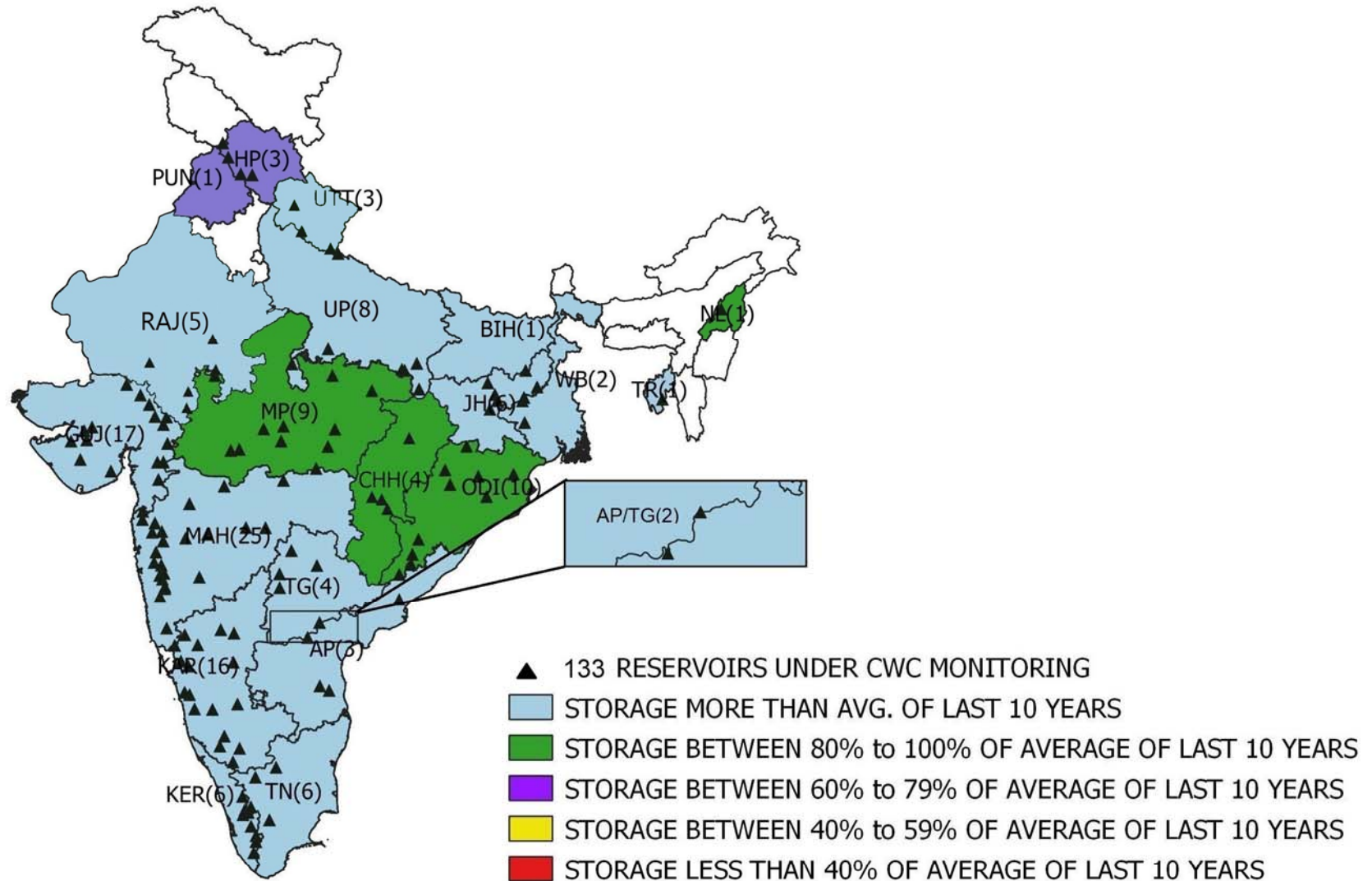
STORAGE POSITION OF 133 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2021-2022)

AS on 11.11.2021



Map Indicating Statewise Storage Position

As on 11.11.2021



WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

11-11-2021

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
*1	SRISAILAM	AP/TG	0	770	269.75	6.013	11-11-2021	262.40	2.983	50	269.63	5.946	99	4.066	68	50	73
*2	NAGARJUNA SAGAR	AP/TG	895	810	179.83	5.108	11-11-2021	179.74	5.083	100	179.65	5.057	99	3.223	63	101	158
3	SOMASILA	AP	168	0	100.58	1.994	11-11-2021	99.64	1.994	100	100.13	1.994	100	1.310	66	100	152
4	YELERU	AP	66.6	0	86.56	0.508	11-11-2021	85.62	0.454	89	86.18	0.486	96	0.320	63	93	142
5	KANDALERU	AP	300	9	85	1.792	11-11-2021	82.27	1.429	80	83.42	1.577	88	0.679	38	91	210
6	SRIRAMSAGAR	TG	411	27	332.54	2.3	11-11-2021	332.54	2.300	100	332.54	2.300	100	1.517	66	100	152
7	LOWER MANAIR	TG	199	60	280.42	0.621	11-11-2021	279.76	0.621	100	280.07	0.621	100	0.371	60	100	167
8	NIZAM SAGAR	TG	93.619	10	428.24	0.482	11-11-2021	428.24	0.482	100	428.24	0.482	100	0.255	53	100	189
9	SINGUR	TG	16.187	15	523.6	0.822	11-11-2021	523.60	0.822	100	523.60	0.822	100	0.440	54	100	187
10	CHANDAN DAM	BR	75	0	152.39	0.136	11-11-2021	152.40	0.136	100	147.56	0.078	57	0.061	45	174	223
11	TENUGHAT	JHA	0	0	269.14	0.821	11-11-2021	260.07	0.420	51	259.93	0.414	50	0.400	49	101	105
12	MAITHON	JHA	342	0	146.3	0.471	11-11-2021	148.04	0.471	100	148.93	0.471	100	0.400	85	100	118
*13	PANCHET HILL	JHA\$	0	80	124.97	0.184	11-11-2021	128.02	0.184	100	127.55	0.184	100	0.156	85	100	118
14	KONAR	JHA\$	0	0	425.81	0.176	11-11-2021	425.88	0.176	100	425.62	0.173	98	0.162	92	102	109
15	TILAIYA	JHA\$	0	4	368.81	0.142	11-11-2021	370.00	0.142	100	368.73	0.138	97	0.128	90	103	111
*16	GETALSUD	JHA	0	130	590.06	0.218	11-11-2021	587.44	0.137	63	586.65	0.119	55	0.130	60	115	105
*17	UKAI	GUJ	348	300	105.16	6.615	10-11-2021	105.07	6.615	100	104.81	6.527	99	5.136	78	101	129
18	SABARMATI(DHAROI)	GUJ	95	1	189.59	0.735	11-11-2021	184.31	0.296	40	189.07	0.691	94	0.583	79	43	51
*19	KADANA	GUJ	200	120	127.7	1.472	11-11-2021	127.64	1.184	80	127.48	1.168	79	1.080	73	101	110
20	SHETRUNJI	GUJ	36	0	55.53	0.3	11-11-2021	55.53	0.300	100	55.53	0.300	100	0.205	68	100	146
21	BHADAR	GUJ	27	0	107.89	0.188	11-11-2021	107.90	0.188	100	107.90	0.188	100	0.117	62	100	161
22	DAMANGANGA	GUJ	51	1	79.86	0.502	10-11-2021	79.70	0.470	94	79.60	0.466	93	0.466	93	101	101
23	DANTIWADA	GUJ	45	0	184.1	0.399	11-11-2021	170.28	0.051	13	179.44	0.241	60	0.196	49	21	26
24	PANAM	GUJ	36	2	127.41	0.697	11-11-2021	124.15	0.356	51	125.60	0.436	63	0.516	74	82	69
*25	SARDAR SAROVAR	GUJ	2120	1450	138.68	5.76	10-11-2021	130.76	3.397	59	135.05	4.627	80	2.407	42	73	141
26	KARJAN	GUJ	51	3	115.25	0.523	10-11-2021	115.15	0.512	98	114.77	0.501	96	0.447	85	102	115
27	SUKHI(GUJ)	GUJ	20.701	0	147.82	0.167	10-11-2021	147.82	0.163	98	147.82	0.163	98	0.121	72	100	135
28	WATRAK	GUJ	22.977	0	136.25	0.154	10-11-2021	132.50	0.057	37	135.37	0.113	73	0.113	73	50	50
29	HATHMATI	GUJ	5.166	0	180.74	0.153	10-11-2021	178.03	0.058	38	180.68	0.147	96	0.101	66	39	57
30	MACHCHHU-I	GUJ	0	0	135.33	0.071	11-11-2021	135.24	0.067	94	135.28	0.068	96	0.047	66	99	143
31	MACHCHHU-II	GUJ	10.13	0	57.3	0.091	10-11-2021	57.09	0.080	88	57.06	0.080	88	0.057	63	100	140
32	UND-I	GUJ	9.9	0	98	0.066	10-11-2021	97.98	0.066	100	98.00	0.066	100	0.047	71	100	140
33	BRAHMANI(GUJ)	GUJ	6.413	0	64.62	0.071	10-11-2021	60.77	0.017	24	64.22	0.051	72	0.034	48	33	50
*34	GOBIND SAGAR(BHAKRA)	HP	676	1379	512.06	6.229	11-11-2021	500.12	3.870	62	498.55	3.661	59	4.869	78	106	79
*35	PONG DAM(BEAS)	HP	0	396	423.67	6.157	11-11-2021	411.11	3.100	50	414.63	3.766	61	4.558	74	82	68
*36	KOL DAM	HP	0	800	642	0.089	11-11-2021	641.54	0.082	92	641.44	0.080	90	0.082	92	103	100
37	KRISHNARAJA SAGARA	KAR	79	0	752.5	1.163	11-11-2021	752.50	1.163	100	752.23	1.163	100	0.915	79	100	127
*38	TUNGBHADRA	KAR	529	72	497.74	3.276	11-11-2021	497.57	2.796	85	497.31	2.703	83	2.109	64	103	133
39	GHATAPRABHA(HIDKAL)	KAR	317	0	662.95	1.391	11-11-2021	661.07	1.251	90	662.94	1.387	100	1.157	83	90	108
40	BHADRA	KAR	106	39	657.76	1.785	11-11-2021	657.55	1.761	99	657.02	1.697	95	1.397	78	104	126
41	LINGANAMAKKI	KAR	0	55	554.43	4.294	10-11-2021	552.85	3.816	89	553.06	3.876	90	3.384	79	98	113
42	NARAYANPUR	KAR@	425	0	492.25	0.863	11-11-2021	491.15	0.603	70	491.70	0.669	78	0.627	73	90	96

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

11-11-2021

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
43	MALAPRABHA(RENUKA)	KAR	215	0	633.83	0.972	11-11-2021	633.06	0.875	90	633.68	0.953	98	0.579	60	92	151
44	KABINI	KAR	85	0	696.66	0.444	11-11-2021	696.14	0.442	100	694.65	0.358	81	0.259	58	123	171
45	HEMAVATHY	KAR	265	0	890.63	0.927	11-11-2021	886.64	0.695	75	888.67	0.845	91	0.539	58	82	129
46	HARANGI	KAR	53	0	871.42	0.22	11-11-2021	871.02	0.207	94	869.16	0.165	75	0.112	51	125	185
47	SUPA	KAR	0	0	564	4.12	10-11-2021	555.75	3.173	77	558.65	3.491	85	3.006	73	91	106
48	VANI VILAS SAGAR	KAR	123	0	652.28	0.802	11-11-2021	648.04	0.501	62	643.22	0.267	33	0.133	17	188	377
*49	ALMATTI	KAR@	0	290	519.6	3.105	11-11-2021	518.75	2.739	88	519.60	3.105	100	2.422	78	88	113
*50	GERUSOPPA	KAR	83	240	55	0.13	11-11-2021	49.83	0.101	78	51.08	0.108	83	0.105	81	94	96
*51	MANI DAM	KAR	0	469	594.36	0.884	10-11-2021	586.80	0.517	58	588.76	0.600	68	0.630	71	86	82
52	TATTIHALLA	KAR	0	0	468.3	0.249	11-11-2021	458.25	0.063	25	462.50	0.122	49	0.095	38	52	66
53	KALLADA(PARAPPAR)	KRL	62	0	115.82	0.507	11-11-2021	114.40	0.454	90	113.12	0.425	84	0.392	77	107	116
*54	IDAMALAYAR	KRL	33	75	169	1.018	11-11-2021	165.32	0.912	90	163.98	0.873	86	0.767	75	104	119
*55	IDUKKI	KRL	0	780	732.43	1.46	11-11-2021	730.88	1.373	94	729.55	1.300	89	1.018	70	106	135
*56	KAKKI	KRL	23	300	981.46	0.447	11-11-2021	979.91	0.419	94	978.00	0.387	87	0.335	75	108	125
*57	PERIYAR	KRL	84	140	867.41	0.173	11-11-2021	867.85	0.173	100	863.17	0.079	46	0.098	57	219	177
58	MALAMPUZHA	KRL	21.165	2.5	115.06	0.224	11-11-2021	114.45	0.207	92	114.80	0.215	96	0.184	82	96	113
*59	GANDHI SAGAR	MP	220	115	399.9	6.827	11-11-2021	399.67	6.470	95	399.20	6.186	91	5.896	86	105	110
60	TAWA	MP	247	0	355.4	1.944	09-11-2021	355.15	1.944	100	354.82	1.936	100	1.796	92	100	108
*61	BARGI	MP	157	90	422.76	3.18	09-11-2021	422.50	3.125	98	422.50	3.125	98	2.926	92	100	107
*62	BANSAGAR	MP	488	425	341.64	5.166	11-11-2021	339.76	4.325	84	340.70	4.748	92	4.903	95	91	88
*63	INDIRA SAGAR	MP	2380	1000	262.13	9.745	11-11-2021	259.41	7.380	76	262.06	9.703	100	7.968	82	76	93
64	BARNA DAM	MP	546	0	348.55	0.456	11-11-2021	347.27	0.371	81	348.21	0.431	95	0.405	89	86	92
*65	OMKARESHWAR	MP	132.5	520	196.6	0.299	11-11-2021	194.04	0.045	15	196.12	0.231	77	0.049	16	19	92
66	SANJAY SAROVAR	MP	12.646	3.45	519.38	0.508	11-11-2021	518.90	0.387	76	519.20	0.402	79	0.352	69	96	110
67	KOLAR DAM	MP	25.677	0	462.2	0.27	11-11-2021	459.08	0.204	76	460.73	0.232	86	0.184	68	88	111
*68	MINIMATA BANGO	CHH	0	120	359.66	3.046	11-11-2021	356.10	2.301	76	357.23	2.482	81	2.327	76	93	99
69	MAHANADI	CHH	319	10	348.7	0.767	11-11-2021	347.46	0.648	84	348.67	0.764	100	0.610	80	85	106
70	DUDHAWA	CHH	324.535	0	425.1	0.284	11-11-2021	416.79	0.056	20	425.00	0.280	99	0.173	61	20	32
71	TANDULA	CHH	246.36	0	332.2	0.312	10-11-2021	328.27	0.149	48	328.79	0.167	54	0.187	60	89	80
72	JAYAKWADI(PAITHAN)	MAH	227	0	463.91	2.171	11-11-2021	463.91	2.171	100	463.91	2.171	100	1.182	54	100	184
*73	KOYANA	MAH	0	1920	657.9	2.652	10-11-2021	656.84	2.525	95	659.18	2.652	100	2.436	92	95	104
74	BHIMA(UJJANI)	MAH	125	12	496.83	1.517	10-11-2021	496.83	1.517	100	496.83	1.517	100	1.273	84	100	119
75	ISAPUR	MAH	104	0	441	0.965	11-11-2021	441.00	0.964	100	441.00	0.964	100	0.671	70	100	144
76	MULA	MAH	139	0	552.3	0.609	11-11-2021	552.22	0.605	99	552.30	0.609	100	0.520	85	99	116
77	YELDARI	MAH	78	0	461.77	0.809	11-11-2021	461.77	0.809	100	461.77	0.809	100	0.439	54	100	184
78	GIRNA	MAH	79	0	398.07	0.524	11-11-2021	398.07	0.524	100	398.07	0.524	100	0.315	60	100	166
79	KHADAKVASLA	MAH	78	8	582.47	0.056	11-11-2021	579.58	0.021	38	581.62	0.045	80	0.043	77	47	49
*80	UPPER VAITARNA	MAH	0	61	603.5	0.331	11-11-2021	603.43	0.329	99	603.43	0.329	99	0.318	96	100	103
81	UPPER TAPI	MAH	45	0	214	0.255	11-11-2021	214.00	0.255	100	214.00	0.255	100	0.253	99	100	101
*82	PENCH(TOTLADOH)	MAH	127	160	490	1.091	11-11-2021	487.99	0.866	79	489.72	0.995	91	0.724	66	87	120
83	UPPER WARDHA	MAH	70	0	342.5	0.564	11-11-2021	342.47	0.561	99	342.49	0.563	100	0.503	89	100	112
84	BHATSA	MAH	29.378	15	142.07	0.942	11-11-2021	140.00	0.885	94	140.30	0.894	95	0.865	92	99	102

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA																	
WEEK ENDING																	
11-11-2021																	
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 E.
			IRR. (CCA)IN TH. HA	HYDEL IN MW				LEVEL (MTS)	LIVE STORAGE (BCM)		LEVEL (MTS)	LIVE STORAGE E (BCM)					
1	2	3	3A	3B	4	5	6	7	8	9	10	11	12	13	14	15	16
85	DHOM	MAH	36.2	2	747.7	0.331	11-11-2021	746.12	0.295	89	747.70	0.331	100	0.303	92	89	97
86	DUDHGANGA	MAH	2.441	24	646	0.664	11-11-2021	644.27	0.621	94	645.94	0.664	100	0.656	99	94	95
87	MANIKDOH	MAH	2.2	6	711.25	0.288	11-11-2021	705.31	0.191	66	701.36	0.137	48	0.197	68	139	97
88	BHANDARDARA	MAH	63.74	46	744.91	0.304	11-11-2021	744.70	0.303	100	744.70	0.303	100	0.278	91	100	109
89	URMODI	MAH	37	3	696	0.273	11-11-2021	695.80	0.270	99	696.00	0.273	100	0.259	95	99	104
90	BHATGHAR	MAH	60.656	14.09	623.28	0.673	11-11-2021	623.13	0.661	98	623.22	0.664	99	0.639	95	100	103
91	NIRA DEOGHAR	MAH	0	6	667.1	0.332	11-11-2021	667.05	0.331	100	667.10	0.332	100	0.310	93	100	107
*92	THOKARWADI	MAH	0	72	667.14	0.353	11-11-2021	664.44	0.279	79	663.12	0.247	70	0.284	80	113	98
93	KANHER	MAH	44.78	4	690.78	0.272	11-11-2021	689.20	0.243	89	690.78	0.272	100	0.246	90	89	99
*94	MULSHI	MAH	0	300	607.1	0.572	10-11-2021	604.59	0.463	81	604.68	0.466	81	0.439	77	99	105
95	SURYA	MAH	18.324	6	118.6	0.276	11-11-2021	118.55	0.276	100	118.35	0.273	99	0.268	97	101	103
96	TILLARI	MAH	21.26	10	113.2	0.447	11-11-2021	112.50	0.437	98	112.34	0.434	97	0.413	92	101	106
*97	DOYANG HEP	NAG	0	75	333	0.535	11-11-2021	318.65	0.308	58	323.25	0.373	70	0.333	62	83	92
*98	HIRAKUD	ORI	153	307	192.02	5.378	11-11-2021	191.84	4.704	87	191.45	4.458	83	4.631	86	106	102
*99	BALIMELA	ORI	0	360	462.08	2.676	10-11-2021	452.29	1.213	45	458.05	1.978	74	1.974	74	61	61
100	SALANADI	ORI	42	0	82.3	0.558	11-11-2021	75.90	0.362	65	70.70	0.231	41	0.252	45	157	144
*101	RENGALI	ORI	3	200	123.5	3.432	10-11-2021	122.49	3.099	90	120.66	2.531	74	2.902	85	122	107
*102	MACHKUND(JALAPUT)	ORI	0	115	838.16	0.893	10-11-2021	833.54	0.537	60	838.00	0.875	98	0.824	92	61	65
*103	UPPER KOLAB	ORI	89	320	858	0.935	10-11-2021	851.65	0.400	43	852.75	0.486	52	0.620	66	82	65
*104	UPPER INDRAVATI	ORI	128	600	642	1.456	10-11-2021	631.23	0.436	30	637.68	1.007	69	0.998	69	43	44
105	SAPUA	ORI	0	0	168.5	0.006	11-11-2021	167.82	0.006	100	168.53	0.006	100	0.004	67	100	150

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			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
106	HARIHARJHOR	ORI	9.95	0	147.5	0.059	11-11-2021	143.92	0.028	47	145.78	0.048	81	0.043	73	58	65
107	MANDIRA DAM	ORI	0	0	210.31	0.309	11-11-2021	209.24	0.282	91	208.88	0.262	85	0.268	87	108	105
*108	THEIN DAM	PUN	348	600	527.91	2.344	10-11-2021	510.08	1.111	47	509.25	1.111	47	1.477	63	100	75
*109	MAHI BAJAJ SAGAR	RAJ	63	140	280.75	1.711	11-11-2021	281.10	1.711	100	281.30	1.711	100	1.698	99	100	101
110	JHAKAM	RAJ	28	0	359.5	0.132	11-11-2021	359.15	0.129	98	359.40	0.131	99	0.128	97	98	101
*111	RANA PRATAP SAGAR	RAJ	229	172	352.81	1.436	11-11-2021	352.48	1.377	96	349.88	0.891	62	0.959	67	155	144
112	BISALPUR	RAJ	81.8	0	315.5	1.076	11-11-2021	312.25	0.534	50	312.92	0.625	58	0.793	74	85	67
113	JAWAI DAM	RAJ	38.67	0	313.4	0.193	11-11-2021	299.62	0.029	15	311.99	0.160	83	0.113	59	18	26
114	LOWER BHAWANI	TN	105	8	278.89	0.792	11-11-2021	279.81	0.792	100	277.78	0.736	93	0.461	58	108	172
*115	METTUR(STANLEY)	TN	122	360	240.79	2.647	11-11-2021	240.49	2.602	98	233.12	1.652	62	1.497	57	158	174
116	VAIGAI	TN	61	6	279.2	0.172	11-11-2021	278.68	0.160	93	272.05	0.048	28	0.086	50	333	186
117	PARAMBIKULAM	TN#	101	0	556.26	0.38	11-11-2021	555.96	0.373	98	555.73	0.368	97	0.293	77	101	127
118	ALIYAR	TN#	0	60	320.04	0.095	11-11-2021	319.49	0.093	98	318.91	0.088	93	0.074	78	106	126
*119	SHOLAYAR	TN#	0	95	1002.79	0.143	11-11-2021	1002.66	0.142	99	1002.08	0.125	87	0.103	72	114	138
120	GUMTI	TRP	0	15	93.55	0.312	10-11-2021	92.00	0.240	77	93.55	0.312	100	0.210	67	77	114
121	MATATILA	UP	0	30	308.46	0.707	11-11-2021	308.46	0.641	91	304.95	0.297	42	0.442	63	216	145
*122	RIHAND	UP	0	300	268.22	5.649	11-11-2021	263.32	3.553	63	263.84	3.767	67	3.274	58	94	109
123	SHARDA SAGAR	UP	126.5	0	190.5	0.33	11-11-2021	186.54	0.191	58	189.59	0.330	100	0.238	72	58	80
124	SIRSI	UP	80.566	0	217.93	0.19	11-11-2021	216.00	0.127	67	214.80	0.095	50	0.100	53	134	127
125	MAUDAHA	UP	41.7	0	147.8	0.179	11-11-2021	145.90	0.114	64	144.70	0.080	45	0.110	61	143	104
126	JIRGO	UP	13.14	0	98.2	0.147	11-11-2021	95.57	0.089	61	95.24	0.083	56	0.080	54	107	111
127	RANGAWAN	UP	20.235	0	233.17	0.155	11-11-2021	224.18	0.030	19	227.72	0.058	37	0.078	50	52	38
128	MEJA	UP	71.048	0	178	0.299	11-11-2021	173.50	0.204	68	169.70	0.141	47	0.141	47	145	145
*129	RAMGANGA	UKH	1897	198	365.3	2.196	09-11-2021	363.98	2.095	95	359.12	1.736	79	1.624	74	121	129
*130	TEHRI	UKH	2351	1000	830	2.615	11-11-2021	822.25	2.297	88	824.96	2.406	92	2.289	88	95	100
131	NANAK SAGAR	UKH	250	0	215.19	0.176	11-11-2021	214.43	0.142	81	213.97	0.122	69	0.108	61	116	131
132	MAYURAKSHI	WB	227	0	121.31	0.48	11-11-2021	116.65	0.269	56	117.27	0.297	62	0.238	50	91	113
133	KANGSABATI	WB	341	0	134.14	0.914	11-11-2021	132.66	0.819	90	128.34	0.455	50	0.494	54	180	166

**TOTAL FOR
133 RESERVOIRS**

22338.2 18743

172.463

138.050

146.480

126.630

PERCENTAGE

80

85

73

94

109.02

* HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

TOTAL CCA 101 TH. HA OF PARAMBIKULAM, ALIYAR & SHOLAYAR

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

† SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

Sd/-
Director
W. M. , CWC