

BRIEF NOTE ON LIVE STORAGE STATUS OF 133 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 23.12.2021)

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 **23.12.2021**, live storage available in these reservoirs is **128.818 BCM**, which is **75%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **130.418 BCM** and the average of last 10 years live storage was **109.474 BCM**. Thus, the live storage available in 133 reservoirs as per **23.12.2021 Bulletin** is **99%** of the live storage of corresponding period of last year and **118%** 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 **23.12.2021**, the total live storage available in these reservoirs is **10.36BCM** which is **53%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **50%** and average storage of last ten years during corresponding period was **60%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the corresponding period of last year but it is 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 **23.12.2021**, the total live storage available in these reservoirs is **13.80 BCM** which is **69%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **68%** and average storage of last ten years during corresponding period was **73%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the corresponding period of last year but it is 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 **23.12.2021**, the total live storage available in these reservoirs is **28.07 BCM** which is **80%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **85%** 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 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 **23.12.2021**, the total live storage available in these reservoirs is **32.64 BCM** which is **72%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **76%** and average storage of last ten years during corresponding period was **68%** of live storage capacity of these reservoirs. Thus, storage during current year is 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 **23.12.2021**, the total live storage available in these reservoirs is **43.96 BCM** which is **84%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **81%** and average storage of last ten years during corresponding period was **58%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the storage of 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 10, better than normal storage is available in Ganga, Subarnarekha, Narmada, Tapi, Rivers of Kutch, Godavari, Krishna, Mahanadi & Neighbouring East Flowing Rivers, Cauvery & neighbouring EFRs and West Flowing Rivers of South. Close to Normal in Mahi 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 **73** and reservoirs having storage more than average of last ten years are **105**. The numbers of reservoirs having storage less than or equal to 20% with respect to last year is **01** and having storage less than or equal to 20% with reference to average of last ten years is **Nil**. The number of reservoirs having storage less than or equal to 50% with respect to last year are **09** and having storage less than or equal to 50% with reference to average of last ten years are **08**.

States having better storage (in %) than last year for corresponding period: Himachal Pradesh, Punjab, Rajasthan, Jharkhand, West Bengal, Bihar, Uttarakhand, 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: Odisha, Tripura, Nagaland, Gujarat, Maharashtra, Uttar Pradesh, Madhya Pradesh, Chhattisgarh, AP&TG (Two combined projects in both states) and Andhra 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 : 23-12-2021

- 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 23-12-2021 is 128.818 BCM (75 percent of the live storage capacity at FRL).The current year's storage is nearly 99 percent of last year's storage and 118 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	2	2	H.P.	-19 %
									PUNJAB	-26 %
									RAJASTHAN	17 %
EAST (Jharkhand,Odisha, Tripura, Nagaland, W.Bengal and Bihar) (21 Resv.)	4	3	3	-	2	3	5	1	JHARKHAND	13 %
									ODISHA	-12 %
									W. BENGAL	57 %
									TRIPURA	13 %
									NAGALAND	-11 %
WEST (Guj.& Mah.), (42 Resv.)	5	17	6	2	4	-	2	6	GUJARAT	24 %
									MAH.	30 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (24 Resv)	1	2	3	5	2	6	3	2	U.P.	5 %
									UTTARAKHAND	16 %
									M.P.	4 %
									CHHATISGARH	0 %
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (37 Resv.)	8	11	9	5	1	2	-	1	AP&TG	39 %
									A.P	62 %
									TELANGANA	63 %
									KARNATAKA	40 %
									KERALA	34 %
									T.N.	82 %
Status of 133 reservoirs	18	34	24	12	9	12	12	12		

4 Basin wise storage position:

Better than normal:

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

Close to normal:

Mahi .

Deficient:

Indus and Sabarmati .

Highly deficient:

NIL

5 Out of 133 reservoirs, **114** reservoirs reported more than 80% of normal storage & **19** reservoirs reported 80% or below of normal storage. Out of these **19** reservoirs **8** having storage upto 50% of normal storage.

Name of Reservoir having storage less than 50% of normal storage.	%
JAWAI DAM	26
DANTIWADA	35
RANGAWAN	36
DUDHAWA	44
WATRAK	45
KHADAKVASLA	47
UPPER INDRAVATI	48
BRAHMANI(GUJ)	50

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

6 Out of **44** reservoirs with significant(*) hydropower generation, the storage build up is less than or equal to normal in **14** reservoirs.

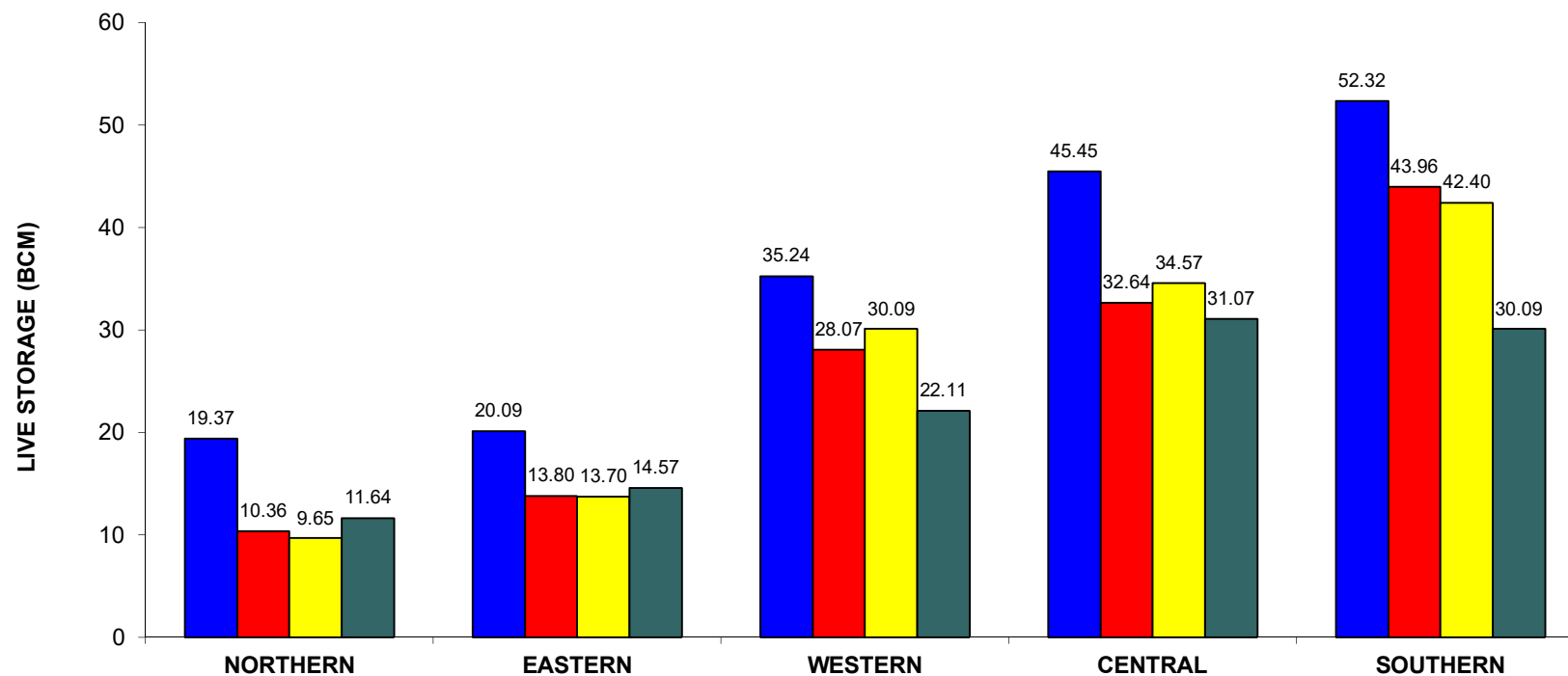
NOTE : **Normal:** Average of previous ten years, **Close to normal:** Where shortfall is up to 20% of the normal, **Deficient:** Where shortfall is more than 20% of the normal and up to 60% of the normal, **Highly deficient** : Where shortfall is more than 60% of the normal

TABLE-01
STATUS OF CURRENT STORAGE
23-12-2021

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	6.09	6.02	7.57	49	48	61	-19
2	PUNJAB	1	2.34	0.84	0.57	1.14	36	24	48	-26
3	RAJASTHAN	5	4.55	3.43	3.07	2.94	75	67	65	17
SUB-TOTAL		9	19.37	10.36	9.65	11.64	53	50	60	-11
EASTERN REGION										
1	JHARKHAND	6	2.01	1.47	1.41	1.31	73	70	65	13
2	ODISHA	10	15.70	10.58	10.81	11.99	67	69	76	-12
3	W. BENGAL	2	1.39	1.15	0.74	0.73	82	53	52	57
4	TRIPURA	1	0.31	0.20	0.29	0.18	65	91	58	13
5	NAGALAND	1	0.54	0.27	0.38	0.30	50	70	56	-11
6	BIHAR	1	0.14	0.14	0.08	0.06	99	58	46	118
SUB-TOTAL		21	20.09	13.80	13.70	14.57	69	68	73	-5
WESTERN REGION										
1	GUJARAT	17	17.96	12.45	14.46	10.06	69	80	56	24
2	MAH.	25	17.27	15.61	15.63	12.05	90.4	90.5	70	30
SUB-TOTAL		42	35.24	28.07	30.09	22.11	80	85	63	27
CENTRAL REGION										
1	U.P.	8	7.66	4.16	4.28	3.98	54	56	52	5
2	UTTARAKHAND	3	4.99	4.09	3.70	3.54	82	74	71	16
3	M.P.	9	28.40	21.22	22.95	20.40	75	81	72	4
4	CHHATISGARH	4	4.41	3.16	3.65	3.16	72	83	72	0
SUB-TOTAL		24	45.45	32.64	34.57	31.07	72	76	68.4	5
SOUTHERN REGION										
1	AP&TG	2	11.12	7.84	9.40	5.64	70	84	51	39
2	A.P	3	4.29	3.92	3.97	2.42	91	92	56	62
3	TELANGANA	4	4.23	4.19	4.17	2.57	99.2	98.6	61	63
4	KARNATAKA	16	24.63	20.29	18.46	14.52	82	75	59	40
5	KERALA	6	3.83	3.52	3.04	2.62	92	79	69	34
6	T.N.	6	4.23	4.21	3.37	2.32	100	80	55	82
SUB-TOTAL		37	52.32	43.96	42.40	30.09	84	81	58	46
COUNTRY AS A WHOLE		133	172.46	128.82	130.42	109.47	75	76	63	18

REGION-WISE STORAGE POSITION

(As on 23.12.2021)



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:

23-12-2021

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
Gujarat	17	SABARMATI(DHAROI)	53
		DANTIWADA	35
		PANAM	68
		WATRAK	45
		HATHMATI	52
		BRAHMANI(GUJ)	50
Himachal Pradesh	3	PONG DAM(BEAS)	79
Chhattisgarh	4	DUDHAWA	44
		TANDULA	80
Maharashtra	25	KHADAKVASLA	47
Odisha	10	BALIMELA	60
		MACHKUND(JALAPUT)	61
		UPPER KOLAB	64
		UPPER INDRAVATI	48
		HARIHARJHOR	63
Punjab	1	THEIN DAM	74
Rajasthan	5	BISALPUR	73
		JAWAI DAM	26
Uttar Pradesh	8	RANGAWAN	36

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

23-12-2021

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	35
		WATRAK	45
		BRAHMANI(GUJ)	50
Chhattisgarh	4	DUDHAWA	44
Mahaya Pradesh	9	KHADAKVASLA	47
Odisha	10	UPPER INDRAVATI	48
Rajasthan	5	JAWAI DAM	26
Uttar Pradesh	8	RANGAWAN	36

IMD SUB-DIVISIONS HAVING LOW RAINFALL (80% or LESS THAN 80% OF NORMAL) AND STORAGE IN RESERVOIRS FALLING UNDER THESE AREAS AS ON: 23-12-2021						
RAINFALL POSITION*			STORAGE POSITION			
Meteorological Sub-Divisions	CUMULATIVE RAINFALL (mm) (1st Oct 2021 to 22nd Dec 2021)	%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
Assam & Meghalaya	149	-23	No reservoir monitored by CWC falls under this IMD sub-Division			
Nagaland, Manipur, Mizoram & Tripura	149	-32	Gumti	0.31	0.20	13
			Doyang HEP	0.54	0.27	-11
East Madhya Pradesh	32	-42	Bargi	3.18	2.99	18
			Bansagar	5.17	3.95	-4
			Indira Sagar	9.75	5.82	-11
			Sanjay Sarovar	0.51	0.25	6
			Rangawan	0.16	0.02	-64
Vidarbha	62	-21	Yeldari	0.81	0.80	120
			Pench (Totladoh)	1.09	0.81	23
			Upper Wardha	0.56	0.47	18
Telangana	94	-23	N.J.Sagar	5.11	4.55	98
			Sriram Sagar	2.30	2.30	99
			Lower Manair	0.62	0.62	51
			Nizam Sagar	0.48	0.48	52
			Singur	0.82	0.79	97

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

WEEKLY REPORT - BASINWISE

WEEK ENDING :- 23-12-2021

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	23.123	73.83%	21.814	69.65%	20.591	65.75%	12.30
SUBERNAREKHA	0.218	0.116	53.21%	0.105	48.17%	0.115	52.75%	0.87
INDUS	14.819	6.936	46.80%	6.587	44.45%	8.703	58.73%	-20.30
NARMADA	22.344	14.391	64.41%	18.147	81.22%	13.419	60.06%	7.24
TAPI	7.394	7.012	94.83%	6.531	88.33%	4.942	66.84%	41.89
MAHI	4.012	2.915	72.66%	3.013	75.10%	2.989	74.50%	-2.48
SABARMATI	1.042	0.336	32.25%	0.802	76.97%	0.654	62.76%	-48.62
RIVERS OF KUTCH	1.379	0.735	53.30%	0.963	69.83%	0.626	45.40%	17.41
GODAVARI	17.714	13.357	75.40%	14.916	84.20%	11.251	63.51%	18.72
KRISHNA	31.298	25.728	82.20%	25.804	82.45%	18.414	58.83%	39.72
MAHANADI & NEIGHBOURING EFRS	14.151	11.213	79.24%	10.461	73.92%	10.783	76.20%	3.99
CAUVERY& NEIGHBOURING EFRS	10.151	9.545	94.03%	8.199	80.77%	5.348	52.68%	78.48
WEST FLOWING RIVERS OF SOUTH	16.622	13.411	80.68%	13.076	78.67%	11.639	70.02%	15.22
TOTAL	172.463	128.818		130.418		109.474		
PERCENTAGE								17.67

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 23-12-2021											
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	493.62	6.229	3.325	23-12-2021	53	47	66	676	1379
*2	PONG DAM(BEAS)	423.67	408.79	6.157	2.691	23-12-2021	44	49	55	0	396
*3	KOL DAM	642	641.28	0.089	0.078	23-12-2021	88	91	92	0	800
<u>PUNJAB</u>											
*4	THEIN DAM	527.91	504.76	2.344	0.842	23-12-2021	36	24	48	348	600
<u>RAJASTHAN</u>											
*5	MAHI BAJAJ SAGAR	280.75	278.60	1.711	1.425	23-12-2021	83	84	82	63	140
6	JHAKAM	359.50	358.20	0.132	0.119	23-12-2021	90	74	73	28	0
*7	RANA PRATAP SAGAR	352.81	352.25	1.436	1.365	16-12-2021	95	59	46	229	172
8	BISALPUR	315.50	311.93	1.076	0.493	23-12-2021	46	52	63	81.8	0
9	JAWAI DAM	313.40	298.17	0.193	0.023	23-12-2021	12	64	46	38.67	0
EASTERN REGION											
<u>JHARKHAND</u>											
10	TENUGHAT	269.14	259.72	0.821	0.406	23-12-2021	49	51	47	0	0
\$11	MAITHON	146.3	148.39	0.471	0.471	23-12-2021	100	100	83	342	0
*\$12	PANCHET HILL	124.97	127.82	0.184	0.184	23-12-2021	100	100	87	0	80
\$13	KONAR	425.81	425.32	0.176	0.167	23-12-2021	95	90	85	0	0
\$14	TILAIYA	368.81	368.34	0.142	0.125	23-12-2021	88	51	71	0	4
15	GETALSUD	590.06	586.62	0.218	0.116	23-12-2021	53	48	53	0	130
<u>ODISHA</u>											
*16	HIRAKUD	192.02	191.47	5.378	4.471	21-12-2021	83	78	81	153	307
*17	BALIMELA	462.08	451.59	2.676	1.130	23-12-2021	42	65	71	0	360
18	SALANADI	82.30	75.80	0.558	0.359	23-12-2021	64	39	43	42	0
*19	RENGALI	123.50	121.83	3.432	2.883	23-12-2021	84	60	78	3	200
*20	MACHKUND(JALAPUT)	838.16	832.33	0.893	0.467	23-12-2021	52	87	86	0	115
*21	UPPER KOLAB	858.00	852.06	0.935	0.430	23-12-2021	46	49	72	89	320
*22	UPPER INDRAVATI	642.00	632.00	1.456	0.499	23-12-2021	34	70	71	128	600
23	SAPUA	168.50	168.41	0.006	0.006	23-12-2021	100	100	67	0	0
24	HARIHARJHOR	147.50	143.59	0.059	0.025	22-12-2021	42	81	68	9.95	0
25	MANDIRA DAM	210.31	210.05	0.309	0.309	23-12-2021	100	93	94	0	0
<u>WEST BENGAL</u>											
26	MAYURAKSHI	121.31	116.89	0.480	0.280	23-12-2021	58	61	49	227	0
27	KANGSABATI	134.14	133.17	0.914	0.868	23-12-2021	95	49	54	341	0
<u>TRIPURA</u>											
28	GUMTI	93.55	91.10	0.312	0.203	21-12-2021	65	91	58	0	15
<u>NAGALAND</u>											
*29	DOYANG HEP	333.00	315.25	0.535	0.266	22-12-2021	50	70	56	0	75
<u>BIHAR</u>											
30	CHANDAN DAM	152.39	152.40	0.14	0.14	23-12-2021	99.26	58.09	45.59	75.00	0.00
WESTERN REGION											
<u>GUJARAT</u>											
*31	UKAI	105.16	104.32	6.615	6.242	23-12-2021	94	88	67	348	300
32	SABARMATI(DHAROI)	189.59	183.50	0.735	0.248	23-12-2021	34	79	64	95	1
*33	KADANA	127.7	126.32	1.472	1.050	23-12-2021	71	74	69	200	120
34	SHETRUNJI	55.53	55.42	0.300	0.291	23-12-2021	97	96	63	36	0
35	BHADAR	107.89	107.65	0.188	0.177	23-12-2021	94	89	50	27	0
36	DAMANGANGA	79.86	79.65	0.502	0.468	21-12-2021	93	81	80	51	1
37	DANTIWADA	184.1	169.91	0.399	0.047	23-12-2021	12	42	34	45	0
38	PANAM	127.41	123.45	0.697	0.321	23-12-2021	46	56	68	36	2
*39	SARDAR SAROVAR	138.68	127.56	5.760	2.660	21-12-2021	46	78	35	2120	1450
40	KARJAN	115.25	114.34	0.523	0.501	21-12-2021	96	88	77	51	3
41	SUKHI(GUJ)	147.82	147.65	0.167	0.162	21-12-2021	97	92	77	20.701	0
42	WATRAK	136.25	131.49	0.154	0.042	21-12-2021	27	61	61	22.977	0
43	HATHMATI	180.74	177.18	0.153	0.046	21-12-2021	30	82	58	5.166	0
44	MACHCHHU-I	135.33	134.39	0.071	0.050	21-12-2021	70	73	49	0	0
45	MACHCHHU-II	57.3	56.75	0.091	0.074	21-12-2021	81	70	46	10.13	0
46	UND-I	98	97.64	0.066	0.061	21-12-2021	92	88	30	9.9	0
47	BRAHMANI(GUJ)	64.62	60.04	0.071	0.012	21-12-2021	17	61	34	6.413	0

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 23-12-2021											
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	463.58	2.171	2.043	23-12-2021	94	92	52	227	0
*49	KOYANA	657.90	655.93	2.652	2.417	23-12-2021	91	96	82	0	1920
50	BHIMA(UJJANI)	496.83	497.27	1.517	1.517	23-12-2021	100	100	69	125	12
51	ISAPUR	441.00	440.32	0.965	0.900	23-12-2021	93	91	58	104	0
52	MULA	552.30	552.05	0.609	0.596	23-12-2021	98	99	71	139	0
53	YELDARI	461.77	461.66	0.809	0.798	23-12-2021	99	98	45	78	0
54	GIRNA	398.07	398.07	0.524	0.524	23-12-2021	100	88	50	79	0
55	KHADAKVASLA	582.47	579.18	0.056	0.017	23-12-2021	30	75	64	78	8
*56	UPPER VAITARNA	603.50	603.21	0.331	0.323	23-12-2021	98	97	86	0	61
57	UPPER TAPI	214.00	213.87	0.255	0.246	23-12-2021	96	93	90	45	0
*58	PENCH(TOTLADOH)	490.00	487.14	1.091	0.807	23-12-2021	74	87	60	127	160
59	UPPER WARDHA	342.50	341.42	0.564	0.470	23-12-2021	83	85	71	70	0
60	BHATSA	142.07	136.30	0.942	0.791	23-12-2021	84	83	81	29.378	15
61	DHOM	747.70	745.06	0.331	0.272	23-12-2021	82	82	75	36.2	2
62	DUDHGANGA	646.00	643.49	0.664	0.596	23-12-2021	90	89	84	2.441	24
63	MANIKDOH	711.25	705.15	0.288	0.188	23-12-2021	65	46	51	2.2	6
64	BHANDARDARA	744.91	744.73	0.304	0.304	23-12-2021	100	98	80	63.74	46
65	URMODI	696.00	695.93	0.273	0.272	22-12-2021	100	99	90	37	3
66	BHATGHAR	623.28	623.04	0.673	0.658	23-12-2021	98	97	83	60.656	14.09
67	NIRA DEOGHAR	667.10	667.00	0.332	0.331	23-12-2021	100	95	80	0	6
*68	THOKARWADI	667.14	663.09	0.353	0.246	23-12-2021	70	61	68	0	72
69	KANHER	690.78	688.55	0.272	0.232	23-12-2021	85	81	77	44.78	4
*70	MULSHI	607.10	602.15	0.572	0.371	23-12-2021	65	71	64	0	300
71	SURYA	118.60	118.40	0.276	0.274	23-12-2021	99	95	93	18.324	6
72	TILLARI	113.20	111.44	0.447	0.420	23-12-2021	94	85	84	21.26	10
CENTRAL REGION											
UTTAR PRADESH											
73	MATATILA	308.46	305.59	0.707	0.351	23-12-2021	50	34	51	0	30
*74	RIHAND	268.22	261.85	5.649	2.971	23-12-2021	53	59	52	0	300
75	SHARDA SAGAR	190.50	189.48	0.330	0.330	23-12-2021	100	100	68	126.5	0
76	SIRSI	217.93	215.30	0.190	0.106	23-12-2021	56	41	50	80.566	0
77	MAUDAHA	147.80	145.40	0.179	0.098	23-12-2021	55	33	51	41.7	0
78	JIRGO	98.20	95.18	0.147	0.082	23-12-2021	56	52	52	13.14	0
79	RANGAWAN	233.17	222.81	0.155	0.021	23-12-2021	14	25	37	20.235	0
80	MEJA	178.00	173.25	0.299	0.200	23-12-2021	67	44	47	71.048	0
UTTRAKHAND											
*81	RAMGANGA	365.30	362.95	2.196	2.019	23-12-2021	92	77	69	1897	198
*82	TEHRI	830.00	813.15	2.615	1.944	23-12-2021	74	73	74	2351	1000
83	NANAK SAGAR	215.19	214.15	0.176	0.130	23-12-2021	74	56	47	250	0
MADHYA PRADESH											
*84	GANDHI SAGAR	399.90	398.80	6.827	5.955	23-12-2021	87	78	75	220	115
85	TAWA	355.40	352.74	1.944	1.565	23-12-2021	81	76	67	247	0
*86	BARGI	422.76	421.67	3.180	2.990	23-12-2021	94	92	80	157	90
*87	BANSAGAR	341.64	338.93	5.166	3.953	23-12-2021	77	83	80	488	425
*88	INDIRA SAGAR	262.13	257.01	9.745	5.822	23-12-2021	60	81	67	2380	1000
89	BARNA DAM	348.55	346.76	0.456	0.339	23-12-2021	74	83	68	546	0
*90	OMKARESHWAR	196.60	195.69	0.299	0.193	23-12-2021	65	74	15	132.5	520
91	SANJAY SAROVAR	519.38	515.75	0.508	0.248	23-12-2021	49	51	46	12.646	3.45
92	KOLAR DAM	462.20	455.79	0.270	0.159	23-12-2021	59	68	49	25.677	0
CHHATTIS GARH											
*93	MINIMATA BANGO	359.66	356.01	3.046	2.287	23-12-2021	75	81	73	0	120
94	MAHANADI	348.70	347.67	0.767	0.668	23-12-2021	87	98	80	319	10
95	DUDHAWA	425.10	417.07	0.284	0.060	23-12-2021	21	94	48	324.54	0
96	TANDULA	332.20	328.18	0.312	0.145	22-12-2021	46	51	58	246.36	0

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 23-12-2021											
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	263.41	6.013	3.287	23-12-2021	55	82	55	0	770
*98	NAGARJUNA SAGAR	179.83	177.76	5.108	4.548	23-12-2021	89	87	45	895	810
<u>ANDHRA PRADESH</u>											
99	SOMASILA	100.58	100.05	1.994	1.994	23-12-2021	100	100	69	168	0
100	YELERU	86.56	85.97	0.508	0.474	23-12-2021	93	96	60	66.6	0
101	KANDALERU	85	82.43	1.792	1.450	23-12-2021	81	83	41	300	9
<u>TELANGANA</u>											
102	SRIRAMSAGAR	332.54	332.42	2.300	2.300	23-12-2021	100	100	66	411	27
103	LOWER MANAIR	280.42	279.96	0.621	0.621	23-12-2021	100	99	66	199	60
104	NIZAM SAGAR	428.24	428.20	0.482	0.482	23-12-2021	100	100	49	93.619	10
105	SINGUR	523.6	523.38	0.822	0.788	23-12-2021	96	93	49	16.187	15
<u>KARNATAKA</u>											
106	KRISHNARAJA SAGARA	752.50	752.41	1.163	1.151	23-12-2021	99	92	66	79	0
*107	TUNGABHADRA	497.74	497.54	3.276	2.784	23-12-2021	85	65	45	529	72
108	GHATAPRABHA(HIDKAL)	662.95	659.49	1.391	1.139	23-12-2021	82	87	65	317	0
109	BHADRA	657.76	657.76	1.785	1.785	23-12-2021	100	86	79	106	39
110	LINGANAMAKKI	554.43	551.49	4.294	3.433	23-12-2021	80	81	71	0	55
@111	NARAYANPUR	492.25	491.42	0.863	0.634	23-12-2021	73	75	63	425	0
112	MALAPRABHA(RENUKA)	633.83	632.83	0.972	0.847	23-12-2021	87	76	42	215	0
113	KABINI	696.66	696.00	0.444	0.434	23-12-2021	98	53	44	85	0
114	HEMAVATHY	890.63	887.29	0.927	0.740	23-12-2021	80	50	32	265	0
115	HARANGI	871.42	869.93	0.220	0.172	23-12-2021	78	28	18	53	0
116	SUPA	564.00	553.18	4.120	2.904	23-12-2021	70	79	68	0	0
117	VANI VILAS SAGAR	652.28	650.78	0.802	0.690	23-12-2021	86	41	19	123	0
*@118	ALMATTI	519.60	519.10	3.105	2.897	23-12-2021	93	85	58	0	290
*119	GERUSOPPA	55.00	49.77	0.130	0.101	23-12-2021	78	91	81	83	240
*120	MANI DAM	594.36	585.86	0.884	0.480	23-12-2021	54	58	61	0	469
*121	TATTIHALLA	468.30	460.66	0.249	0.094	23-12-2021	38	3	22	0	0
<u>KERALA</u>											
122	KALLADA(PARAPPAR)	115.82	113.86	0.507	0.444	23-12-2021	88	72	78	62	0
*123	IDAMALAYAR	169.00	165.13	1.018	0.906	23-12-2021	89	79	70	33	75
*124	IDUKKI	732.43	731.23	1.460	1.391	23-12-2021	95	85	65	0	780
*125	KAKKI	981.46	979.29	0.447	0.408	23-12-2021	91	87	75	23	300
*126	PERIYAR	867.41	868.81	0.173	0.173	23-12-2021	100	42	53	84	140
127	MALAMPUZHA	115.06	113.78	0.224	0.193	23-12-2021	86	71	59	21.165	2.5
<u>TAMIL NADU</u>											
128	LOWER BHAWANI	278.89	280.17	0.792	0.792	23-12-2021	100	87	55	105	8
*129	METTUR(STANLEY)	240.79	240.80	2.647	2.647	23-12-2021	100	79	54	122	360
130	VAIGAI	279.20	278.88	0.172	0.165	23-12-2021	96	60	44	61	6
#131	PARAMBIKULAM	556.26	555.99	0.380	0.374	23-12-2021	98	94	68	101	0
#132	ALIYAR	320.04	319.49	0.095	0.092	23-12-2021	97	83	69	0	60
*#133	SHOLAYAR	1002.79	1002.69	0.143	0.142	23-12-2021	99	36	43	0	95
TOTAL FOR 133 RESERVOIRS				172.463	128.818						
PERCENTAGE						75	76	63			

* 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

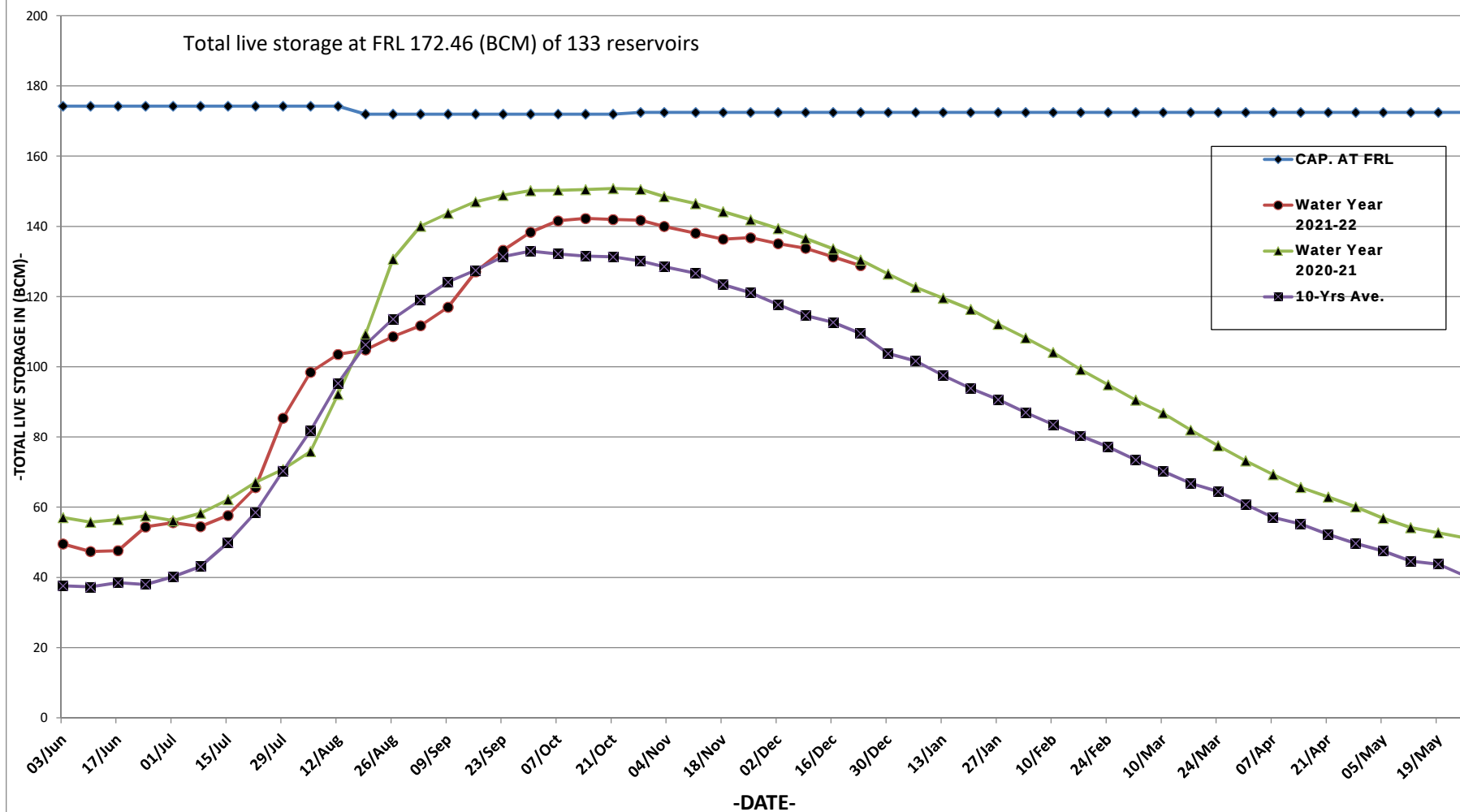
23-12-2021

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	0.01	-0.34	-0.43
2	PUNJAB	1	2.34	-0.10	-0.05	-0.07
3	RAJASTHAN	5	4.55	-0.09	-0.10	-0.09
SUB-TOTAL		9	19.37	-0.18	-0.49	-0.59
EASTERN REGION						
1	JHARKHAND	6	2.01	-0.02	-0.02	-0.01
2	ORISSA	10	15.70	-0.11	-0.27	0.09
3	W. BENGAL	2	1.39	0.00	0.00	0.00
4	TRIPURA	1	0.31	-0.04	0.00	0.01
5	NAGALAND	1	0.54	-0.01	0.00	-0.01
6	BIHAR	1	0.14	0.00	0.00	0.00
SUB-TOTAL		21	20.09	-0.18	-0.31	0.08
WESTERN REGION						
1	GUJARAT	17	17.96	-0.31	-0.17	-0.20
2	MAH.	25	17.27	-0.18	-0.29	-0.36
SUB-TOTAL		42	35.24	-0.49	-0.46	-0.56
CENTRAL REGION						
1	U.P.	8	7.66	-0.16	-0.16	-0.36
2	UTTARAKHAND	3	4.99	-0.17	-0.16	-0.14
3	M.P.	9	28.40	-0.40	-0.55	-0.93
4	CHHATISGARH	4	4.41	-0.02	-0.02	-0.02
SUB-TOTAL		24	45.45	-0.75	-0.89	-1.45
SOUTHERN REGION						
1	AP&TG	2	11.12	-0.35	-0.50	-0.26
2	A.P	3	4.29	-0.04	-0.03	-0.05
3	TELANGANA	4	4.23	-0.01	-0.01	-0.02
4	KARNATAKA	16	24.63	-0.47	-0.41	-0.15
5	KERALA	6	3.83	-0.05	-0.08	-0.07
6	T.N.	6	4.23	0.00	-0.01	-0.12
SUB-TOTAL		37	52.32	-0.92	-1.04	-0.67
COUNTRY AS A WHOLE		133	172.46	-2.51	-3.18	-3.19

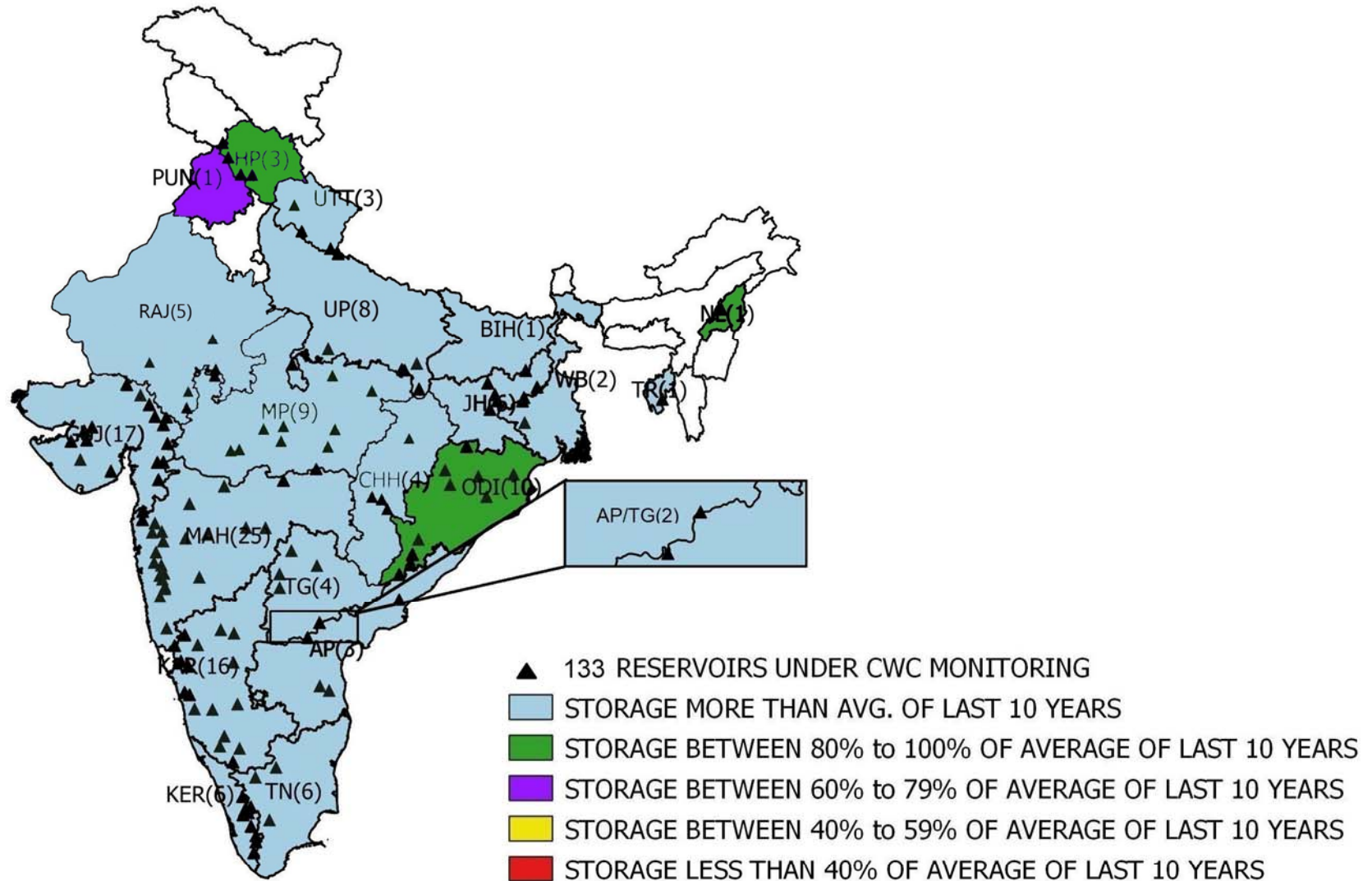
STORAGE POSITION OF 133 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2021-2022)

AS on 23.12.2021



Map Indicating Statewise Storage Position

As on 23.12.2021



WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

23-12-2021

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	23-12-2021	263.41	3.287	55	267.64	4.954	82	3.336	55	66	99
*2	NAGARJUNA SAGAR	AP/TG	895	810	179.83	5.108	23-12-2021	177.76	4.548	89	177.36	4.441	87	2.301	45	102	198
3	SOMASILA	AP	168	0	100.58	1.994	23-12-2021	100.05	1.994	100	100.06	1.994	100	1.384	69	100	144
4	YELERU	AP	66.6	0	86.56	0.508	23-12-2021	85.97	0.474	93	86.17	0.486	96	0.307	60	98	154
5	KANDALERU	AP	300	9	85	1.792	23-12-2021	82.43	1.450	81	82.74	1.489	83	0.729	41	97	199
6	SRIRAMSAGAR	TG	411	27	332.54	2.3	23-12-2021	332.42	2.300	100	332.45	2.300	100	1.520	66	100	151
7	LOWER MANAIR	TG	199	60	280.42	0.621	23-12-2021	279.96	0.621	100	279.59	0.616	99	0.409	66	101	152
8	NIZAM SAGAR	TG	93.619	10	428.24	0.482	23-12-2021	428.20	0.482	100	428.14	0.482	100	0.237	49	100	203
9	SINGUR	TG	16.187	15	523.6	0.822	23-12-2021	523.38	0.788	96	523.26	0.768	93	0.400	49	103	197
10	CHANDAN DAM	BR	75	0	152.39	0.136	23-12-2021	152.40	0.135	99	147.65	0.079	58	0.062	46	171	218
11	TENUGHAT	JHA	0	0	269.14	0.821	23-12-2021	259.72	0.406	49	259.98	0.416	51	0.388	47	98	105
12	MAITHON	JHA	342	0	146.3	0.471	23-12-2021	148.39	0.471	100	149.10	0.471	100	0.391	83	100	120
*13	PANCHET HILL	JHA\$	0	80	124.97	0.184	23-12-2021	127.82	0.184	100	127.87	0.184	100	0.160	87	100	115
14	KONAR	JHA\$	0	0	425.81	0.176	23-12-2021	425.32	0.167	95	424.88	0.159	90	0.150	85	105	111
15	TILAIYA	JHA\$	0	4	368.81	0.142	23-12-2021	368.34	0.125	88	366.74	0.073	51	0.101	71	171	124
*16	GETALSUD	JHA	0	130	590.06	0.218	23-12-2021	586.62	0.116	53	586.19	0.105	48	0.115	53	110	101
*17	UKAI	GUJ	348	300	105.16	6.615	23-12-2021	104.32	6.242	94	103.62	5.835	88	4.453	67	107	140
18	SABARMATI(DHAROI)	GUJ	95	1	189.59	0.735	23-12-2021	183.50	0.248	34	187.95	0.583	79	0.472	64	43	53
*19	KADANA	GUJ	200	120	127.7	1.472	23-12-2021	126.32	1.050	71	126.70	1.088	74	1.010	69	97	104
20	SHETRUNJI	GUJ	36	0	55.53	0.3	23-12-2021	55.42	0.291	97	55.37	0.287	96	0.188	63	101	155
21	BHADAR	GUJ	27	0	107.89	0.188	23-12-2021	107.65	0.177	94	107.44	0.168	89	0.094	50	105	188
22	DAMANGANGA	GUJ	51	1	79.86	0.502	21-12-2021	79.65	0.468	93	78.35	0.409	81	0.401	80	114	117
23	DANTIWADA	GUJ	45	0	184.1	0.399	23-12-2021	169.91	0.047	12	176.72	0.168	42	0.135	34	28	35
24	PANAM	GUJ	36	2	127.41	0.697	23-12-2021	123.45	0.321	46	124.75	0.388	56	0.472	68	83	68
*25	SARDAR SAROVAR	GUJ	2120	1450	138.68	5.76	21-12-2021	127.56	2.660	46	134.59	4.484	78	1.994	35	59	133
26	KARJAN	GUJ	51	3	115.25	0.523	21-12-2021	114.34	0.501	96	113.38	0.461	88	0.405	77	109	124
27	SUKHI(GUJ)	GUJ	20.701	0	147.82	0.167	21-12-2021	147.65	0.162	97	147.42	0.154	92	0.129	77	105	126
28	WATRAK	GUJ	22.977	0	136.25	0.154	21-12-2021	131.49	0.042	27	134.53	0.094	61	0.094	61	45	45
29	HATHMATI	GUJ	5.166	0	180.74	0.153	21-12-2021	177.18	0.046	30	179.95	0.125	82	0.088	58	37	52
30	MACHCHHU-I	GUJ	0	0	135.33	0.071	21-12-2021	134.39	0.050	70	134.55	0.052	73	0.035	49	96	143
31	MACHCHHU-II	GUJ	10.13	0	57.3	0.091	21-12-2021	56.75	0.074	81	56.18	0.064	70	0.042	46	116	176
32	UND-I	GUJ	9.9	0	98	0.066	21-12-2021	97.64	0.061	92	97.45	0.058	88	0.020	30	105	305
33	BRAHMANI(GUJ)	GUJ	6.413	0	64.62	0.071	21-12-2021	60.04	0.012	17	63.62	0.043	61	0.024	34	28	50
*34	GOBIND SAGAR(BHAKRA)	HP	676	1379	512.06	6.229	23-12-2021	493.62	3.325	53	492.66	2.927	47	4.100	66	114	81
*35	PONG DAM(BEAS)	HP	0	396	423.67	6.157	23-12-2021	408.79	2.691	44	410.62	3.012	49	3.386	55	89	79
*36	KOL DAM	HP	0	800	642	0.089	23-12-2021	641.28	0.078	88	641.50	0.081	91	0.082	92	96	95
37	KRISHNARAJA SAGARA	KAR	79	0	752.5	1.163	23-12-2021	752.41	1.151	99	750.85	1.072	92	0.773	66	107	149
*38	TUNGBABHADRA	KAR	529	72	497.74	3.276	23-12-2021	497.54	2.784	85	495.50	2.123	65	1.476	45	131	189
39	GHATAPRABHA(HIDKAL)	KAR	317	0	662.95	1.391	23-12-2021	659.49	1.139	82	660.60	1.217	87	0.906	65	94	126
40	BHADRA	KAR	106	39	657.76	1.785	23-12-2021	657.76	1.785	100	655.62	1.542	86	1.405	79	116	127
41	LINGANAMAKKI	KAR	0	55	554.43	4.294	23-12-2021	551.49	3.433	80	551.70	3.489	81	3.041	71	98	113
42	NARAYANPUR	KAR@	425	0	492.25	0.863	23-12-2021	491.42	0.634	73	491.53	0.648	75	0.541	63	98	117

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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
43	MALAPRABHA(RENUKA)	KAR	215	0	633.83	0.972	23-12-2021	632.83	0.847	87	631.91	0.740	76	0.412	42	114	206
44	KABINI	KAR	85	0	696.66	0.444	23-12-2021	696.00	0.434	98	692.21	0.236	53	0.194	44	184	224
45	HEMAVATHY	KAR	265	0	890.63	0.927	23-12-2021	887.29	0.740	80	882.84	0.463	50	0.296	32	160	250
46	HARANGI	KAR	53	0	871.42	0.22	23-12-2021	869.93	0.172	78	859.37	0.062	28	0.039	18	277	441
47	SUPA	KAR	0	0	564	4.12	23-12-2021	553.18	2.904	70	556.61	3.266	79	2.798	68	89	104
48	VANI VILAS SAGAR	KAR	123	0	652.28	0.802	23-12-2021	650.78	0.690	86	644.60	0.325	41	0.150	19	212	460
*49	ALMATTI	KAR@	0	290	519.6	3.105	23-12-2021	519.10	2.897	93	518.53	2.642	85	1.789	58	110	162
*50	GERUSOPPA	KAR	83	240	55	0.13	23-12-2021	49.77	0.101	78	53.03	0.118	91	0.105	81	86	96
*51	MANI DAM	KAR	0	469	594.36	0.884	23-12-2021	585.86	0.480	54	586.60	0.510	58	0.542	61	94	89
52	TATTIHALLA	KAR	0	0	468.3	0.249	23-12-2021	460.66	0.094	38	451.31	0.008	3	0.056	22	1175	168
53	KALLADA(PARAPPAR)	KRL	62	0	115.82	0.507	23-12-2021	113.86	0.444	88	110.20	0.367	72	0.394	78	121	113
*54	IDAMALAYAR	KRL	33	75	169	1.018	23-12-2021	165.13	0.906	89	161.60	0.805	79	0.716	70	113	127
*55	IDUKKI	KRL	0	780	732.43	1.46	23-12-2021	731.23	1.391	95	728.53	1.245	85	0.956	65	112	146
*56	KAKKI	KRL	23	300	981.46	0.447	23-12-2021	979.29	0.408	91	978.18	0.390	87	0.334	75	105	122
*57	PERIYAR	KRL	84	140	867.41	0.173	23-12-2021	868.81	0.173	100	862.83	0.073	42	0.092	53	237	188
58	MALAMPUZHA	KRL	21.165	2.5	115.06	0.224	23-12-2021	113.78	0.193	86	112.18	0.160	71	0.132	59	121	146
*59	GANDHI SAGAR	MP	220	115	399.9	6.827	23-12-2021	398.80	5.955	87	397.77	5.351	78	5.146	75	111	116
60	TAWA	MP	247	0	355.4	1.944	23-12-2021	352.74	1.565	81	352.23	1.485	76	1.304	67	105	120
*61	BARGI	MP	157	90	422.76	3.18	23-12-2021	421.67	2.990	94	421.65	2.912	92	2.539	80	103	118
*62	BANSAGAR	MP	488	425	341.64	5.166	23-12-2021	338.93	3.953	77	339.68	4.290	83	4.128	80	92	96
*63	INDIRA SAGAR	MP	2380	1000	262.13	9.745	23-12-2021	257.01	5.822	60	259.87	7.870	81	6.561	67	74	89
64	BARNA DAM	MP	546	0	348.55	0.456	23-12-2021	346.76	0.339	74	347.37	0.378	83	0.310	68	90	109
*65	OMKARESHWAR	MP	132.5	520	196.6	0.299	23-12-2021	195.69	0.193	65	195.99	0.220	74	0.046	15	88	420
66	SANJAY SAROVAR	MP	12.646	3.45	519.38	0.508	23-12-2021	515.75	0.248	49	516.05	0.259	51	0.235	46	96	106
67	KOLAR DAM	MP	25.677	0	462.2	0.27	23-12-2021	455.79	0.159	59	457.62	0.183	68	0.131	49	87	121
*68	MINIMATA BANGO	CHH	0	120	359.66	3.046	23-12-2021	356.01	2.287	75	357.16	2.470	81	2.227	73	93	103
69	MAHANADI	CHH	319	10	348.7	0.767	23-12-2021	347.67	0.668	87	348.50	0.748	98	0.613	80	89	109
70	DUDHAWA	CHH	324.535	0	425.1	0.284	23-12-2021	417.07	0.060	21	424.69	0.268	94	0.137	48	22	44
71	TANDULA	CHH	246.36	0	332.2	0.312	22-12-2021	328.18	0.145	46	328.58	0.160	51	0.182	58	91	80
72	JAYAKWADI(PAITHAN)	MAH	227	0	463.91	2.171	23-12-2021	463.58	2.043	94	463.46	1.996	92	1.129	52	102	181
*73	KOYANA	MAH	0	1920	657.9	2.652	23-12-2021	655.93	2.417	91	656.92	2.534	96	2.179	82	95	111
74	BHIMA(UJJANI)	MAH	125	12	496.83	1.517	23-12-2021	497.27	1.517	100	497.11	1.517	100	1.048	69	100	145
75	ISAPUR	MAH	104	0	441	0.965	23-12-2021	440.32	0.900	93	440.12	0.881	91	0.556	58	102	162
76	MULA	MAH	139	0	552.3	0.609	23-12-2021	552.05	0.596	98	552.22	0.605	99	0.432	71	99	138
77	YELDARI	MAH	78	0	461.77	0.809	23-12-2021	461.66	0.798	99	461.63	0.794	98	0.363	45	101	220
78	GIRNA	MAH	79	0	398.07	0.524	23-12-2021	398.07	0.524	100	396.93	0.460	88	0.260	50	114	202
79	KHADAKVASLA	MAH	78	8	582.47	0.056	23-12-2021	579.18	0.017	30	581.38	0.042	75	0.036	64	40	47
*80	UPPER VAITARNA	MAH	0	61	603.5	0.331	23-12-2021	603.21	0.323	98	603.18	0.322	97	0.286	86	100	113
81	UPPER TAPI	MAH	45	0	214	0.255	23-12-2021	213.87	0.246	96	213.69	0.236	93	0.229	90	104	107
*82	PENCH(TOTLADOH)	MAH	127	160	490	1.091	23-12-2021	487.14	0.807	74	489.17	0.953	87	0.655	60	85	123
83	UPPER WARDHA	MAH	70	0	342.5	0.564	23-12-2021	341.42	0.470	83	341.56	0.482	85	0.399	71	98	118
84	BHATSA	MAH	29.378	15	142.07	0.942	23-12-2021	136.30	0.791	84	135.90	0.781	83	0.767	81	101	103

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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
85	DHOM	MAH	36.2	2	747.7	0.331	23-12-2021	745.06	0.272	82	745.12	0.273	82	0.248	75	100	110
86	DUDHGANGA	MAH	2.441	24	646	0.664	23-12-2021	643.49	0.596	90	643.36	0.591	89	0.555	84	101	107
87	MANIKDOH	MAH	2.2	6	711.25	0.288	23-12-2021	705.15	0.188	65	701.00	0.132	46	0.146	51	142	129
88	BHANDARDARA	MAH	63.74	46	744.91	0.304	23-12-2021	744.73	0.304	100	744.50	0.299	98	0.242	80	102	126
89	URMODI	MAH	37	3	696	0.273	22-12-2021	695.93	0.272	100	695.76	0.270	99	0.245	90	101	111
90	BHATGHAR	MAH	60.656	14.09	623.28	0.673	23-12-2021	623.04	0.658	98	622.91	0.654	97	0.559	83	101	118
91	NIRA DEOGHAR	MAH	0	6	667.1	0.332	23-12-2021	667.00	0.331	100	665.95	0.316	95	0.267	80	105	124
*92	THOKARWADI	MAH	0	72	667.14	0.353	23-12-2021	663.09	0.246	70	661.78	0.217	61	0.241	68	113	102
93	KANHER	MAH	44.78	4	690.78	0.272	23-12-2021	688.55	0.232	85	687.74	0.219	81	0.210	77	106	110
*94	MULSHI	MAH	0	300	607.1	0.572	23-12-2021	602.15	0.371	65	603.12	0.407	71	0.364	64	91	102
95	SURYA	MAH	18.324	6	118.6	0.276	23-12-2021	118.40	0.274	99	117.50	0.262	95	0.258	93	105	106
96	TILLARI	MAH	21.26	10	113.2	0.447	23-12-2021	111.44	0.420	94	108.98	0.382	85	0.376	84	110	112
*97	DOYANG HEP	NAG	0	75	333	0.535	22-12-2021	315.25	0.266	50	323.50	0.377	70	0.300	56	71	89
*98	HIRAKUD	ORI	153	307	192.02	5.378	21-12-2021	191.47	4.471	83	191.03	4.188	78	4.383	81	107	102
*99	BALIMELA	ORI	0	360	462.08	2.676	23-12-2021	451.59	1.130	42	456.38	1.744	65	1.888	71	65	60
100	SALANADI	ORI	42	0	82.3	0.558	23-12-2021	75.80	0.359	64	70.10	0.220	39	0.239	43	163	150
*101	RENGALI	ORI	3	200	123.5	3.432	23-12-2021	121.83	2.883	84	119.26	2.066	60	2.666	78	140	108
*102	MACHKUND(JALAPUT)	ORI	0	115	838.16	0.893	23-12-2021	832.33	0.467	52	836.95	0.777	87	0.769	86	60	61
*103	UPPER KOLAB	ORI	89	320	858	0.935	23-12-2021	852.06	0.430	46	852.43	0.459	49	0.671	72	94	64
*104	UPPER INDRAVATI	ORI	128	600	642	1.456	23-12-2021	632.00	0.499	34	637.76	1.015	70	1.039	71	49	48
105	SAPUA	ORI	0	0	168.5	0.006	23-12-2021	168.41	0.006	100	168.52	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 E (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	22-12-2021	143.59	0.025	42	145.73	0.048	81	0.040	68	52	63
107	MANDIRA DAM	ORI	0	0	210.31	0.309	23-12-2021	210.05	0.309	100	209.58	0.287	93	0.292	94	108	106
*108	THEIN DAM	PUN	348	600	527.91	2.344	23-12-2021	504.76	0.842	36	498.51	0.567	24	1.135	48	149	74
*109	MAHI BAJAJ SAGAR	RAJ	63	140	280.75	1.711	23-12-2021	278.60	1.425	83	278.70	1.439	84	1.410	82	99	101
110	JHAKAM	RAJ	28	0	359.5	0.132	23-12-2021	358.20	0.119	90	356.00	0.098	74	0.097	73	121	123
*111	RANA PRATAP SAGAR	RAJ	229	172	352.81	1.436	16-12-2021	352.25	1.365	95	349.58	0.851	59	0.666	46	160	205
112	BISALPUR	RAJ	81.8	0	315.5	1.076	23-12-2021	311.93	0.493	46	312.41	0.556	52	0.675	63	89	73
113	JAWAI DAM	RAJ	38.67	0	313.4	0.193	23-12-2021	298.17	0.023	12	310.22	0.123	64	0.088	46	19	26
114	LOWER BHAWANI	TN	105	8	278.89	0.792	23-12-2021	280.17	0.792	100	277.09	0.689	87	0.433	55	115	183
*115	METTUR(STANLEY)	TN	122	360	240.79	2.647	23-12-2021	240.80	2.647	100	236.75	2.091	79	1.424	54	127	186
116	VAIGAI	TN	61	6	279.2	0.172	23-12-2021	278.88	0.165	96	275.92	0.103	60	0.076	44	160	217
117	PARAMBIKULAM	TN#	101	0	556.26	0.38	23-12-2021	555.99	0.374	98	555.30	0.359	94	0.258	68	104	145
118	ALIYAR	TN#	0	60	320.04	0.095	23-12-2021	319.49	0.092	97	317.51	0.079	83	0.066	69	116	139
*119	SHOLAYAR	TN#	0	95	1002.79	0.143	23-12-2021	1002.69	0.142	99	984.76	0.051	36	0.061	43	278	233
120	GUMTI	TRP	0	15	93.55	0.312	21-12-2021	91.10	0.203	65	92.95	0.285	91	0.180	58	71	113
121	MATATILA	UP	0	30	308.46	0.707	23-12-2021	305.59	0.351	50	304.22	0.241	34	0.362	51	146	97
*122	RIHAND	UP	0	300	268.22	5.649	23-12-2021	261.85	2.971	53	262.77	3.327	59	2.927	52	89	102
123	SHARDA SAGAR	UP	126.5	0	190.5	0.33	23-12-2021	189.48	0.330	100	189.16	0.330	100	0.226	68	100	146
124	SIRSI	UP	80.566	0	217.93	0.19	23-12-2021	215.30	0.106	56	214.00	0.077	41	0.095	50	138	112
125	MAUDAHA	UP	41.7	0	147.8	0.179	23-12-2021	145.40	0.098	55	143.80	0.059	33	0.091	51	166	108
126	JIRGO	UP	13.14	0	98.2	0.147	23-12-2021	95.18	0.082	56	94.84	0.076	52	0.076	52	108	108
127	RANGAWAN	UP	20.235	0	233.17	0.155	23-12-2021	222.81	0.021	14	226.10	0.038	25	0.058	37	55	36
128	MEJA	UP	71.048	0	178	0.299	23-12-2021	173.25	0.200	67	168.90	0.132	44	0.141	47	152	142
*129	RAMGANGA	UKH	1897	198	365.3	2.196	23-12-2021	362.95	2.019	92	358.58	1.696	77	1.521	69	119	133
*130	TEHRI	UKH	2351	1000	830	2.615	23-12-2021	813.15	1.944	74	812.10	1.905	73	1.934	74	102	101
131	NANAK SAGAR	UKH	250	0	215.19	0.176	23-12-2021	214.15	0.130	74	213.30	0.099	56	0.082	47	131	159
132	MAYURAKSHI	WB	227	0	121.31	0.48	23-12-2021	116.89	0.280	58	117.15	0.292	61	0.236	49	96	119
133	KANGSABATI	WB	341	0	134.14	0.914	23-12-2021	133.17	0.868	95	128.28	0.450	49	0.495	54	193	175

**TOTAL FOR
133 RESERVOIRS**

22338.2 18743

172.463

128.818

130.418

109.474

PERCENTAGE

75

76

63

99

117.67

* 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