

BRIEF NOTE ON LIVE STORAGE STATUS OF 133 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 18.11.2021)

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 **18.11.2021**, live storage available in these reservoirs is **136.342 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 **144.166 BCM** and the average of last 10 years live storage was **123.401 BCM**. Thus, the live storage available in 133 reservoirs as per **18.11.2021 Bulletin** is **95%** of the live storage of corresponding period of last year and **110%** 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 **18.11.2021**, the total live storage available in these reservoirs is **11.61 BCM** which is **59.95%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **60.37%** 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 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 **18.11.2021**, the total live storage available in these reservoirs is **14.35 BCM** which is **71%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **73%** and average storage of last ten years during corresponding period was **75%** 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 **18.11.2021**, the total live storage available in these reservoirs is **29.90 BCM** which is **85%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **91%** and average storage of last ten years during corresponding period was **70%** 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 **18.11.2021**, the total live storage available in these reservoirs is **36.44 BCM** which is **80%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **86%** 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 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 **18.11.2021**, the total live storage available in these reservoirs is **44.05 BCM** which is **84%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **89%** 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 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 **52** and reservoirs having storage more than average of last ten years are **102**. The numbers of reservoirs having storage less than or equal to 20% with respect to last year is **1** and having storage less than or equal to 20% with reference to average of last ten years is also **Nil**. The number of reservoirs having storage less than or equal to 50% with respect to last year are **10** 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: Punjab, Rajasthan, Jharkhand, Bihar, West Bengal, Uttar Pradesh, Uttarakhand, Kerala and Tamil Nadu.

States having equal storage (in %) to last year for corresponding period: 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 : 18-11-2021

- 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 18-11-2021 is 136.342 BCM (79 percent of the live storage capacity at FRL).The current year's storage is nearly 95 percent of last year's storage and 110 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	2	1	-	-	1	3	1	H.P.	-25 %
									PUNJAB	-25 %
									RAJASTHAN	6 %
EAST (Jharkhand,Odisha, Tripura, Nagaland, W.Bengal and Bihar) (21 Resv.)	7	1	2	1	2	3	4	1	JHARKHAND	12 %
									ODISHA	-11 %
									W. BENGAL	54 %
									TRIPURA	18 %
									NAGALAND	-8 %
WEST (Guj.& Mah.), (42 Resv.)	11	15	3	4	1	2	-	6	GUJARAT	19 %
									MAH.	23 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (24 Resv)	-	4	7	4	5	-	1	3	U.P.	12 %
									UTTARAKHAND	13 %
									M.P.	2 %
									CHHATISGARH	-1 %
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (37 Resv.)	12	8	10	3	1	1	1	1	AP&TG	5 %
									A.P	61 %
									TELANGANA	65 %
									KARNATAKA	20 %
									KERALA	28 %
									T.N.	68 %
Status of 133 reservoirs	31	30	23	12	9	7	9	12		

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, **112** reservoirs reported more than 80% of normal storage & **21** reservoirs reported 80% or below of normal storage. Out of these **21** reservoirs **8** having storage upto 50% of normal storage.

Name of Reservoir having storage less than 50% of normal storage.	%
JAWAI DAM	26
DANTIWADA	27
DUDHAWA	34
RANGAWAN	38
BRAHMANI(GUJ)	42
UPPER INDRAVATI	46
HATHMATI	48
SABARMATI(DHAROI)	49

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

6 Out of **44** reservoirs with significant(*) hydropower generation, the storage build up is less than or equal to normal in **13** reservoirs.

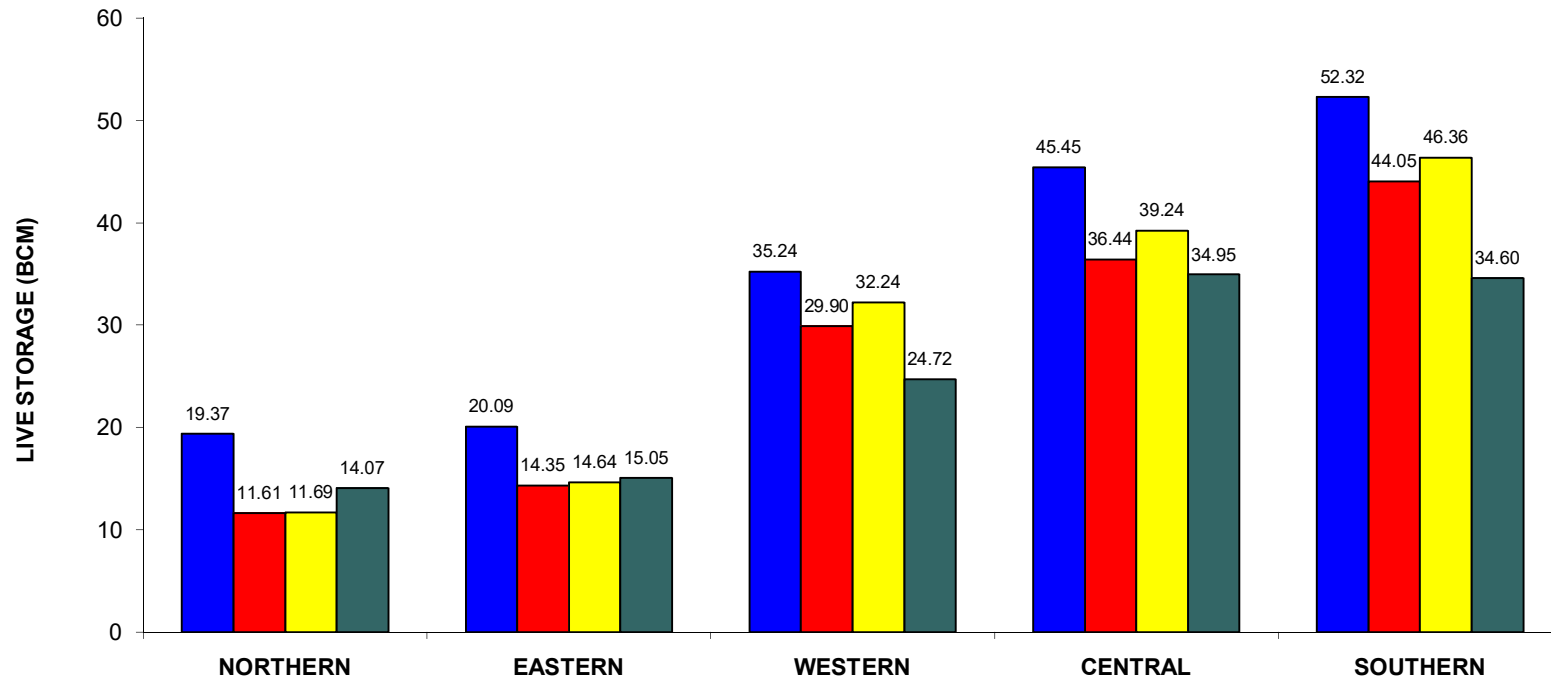
NOTE : **Normal:** Average of previous ten years, **Close to normal:** Where shortfall is up to 20% of the normal, **Deficient:** Where shortfall is more than 20% of the normal and up to 60% of the normal, **Highly deficient** : Where shortfall is more than 60% of the normal

TABLE-01
STATUS OF CURRENT STORAGE
18-11-2021

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	6.86	7.31	9.19	55	59	74	-25
2	PUNJAB	1	2.34	1.06	1.01	1.42	45	43	60	-25
3	RAJASTHAN	5	4.55	3.69	3.37	3.47	81	74	76	6
SUB-TOTAL		9	19.37	11.61	11.69	14.07	59.95	60.37	73	-18
EASTERN REGION										
1	JHARKHAND	6	2.01	1.52	1.48	1.36	76	74	68	12
2	ODISHA	10	15.70	11.03	11.64	12.37	70	74	79	-11
3	W. BENGAL	2	1.39	1.13	0.75	0.73	81	54	53	54
4	TRIPURA	1	0.31	0.23	0.31	0.20	74	99	63	18
5	NAGALAND	1	0.54	0.30	0.38	0.33	56	71	61	-8
6	BIHAR	1	0.14	0.14	0.08	0.06	100	59	47	113
SUB-TOTAL		21	20.09	14.35	14.64	15.05	71	73	75	-5
WESTERN REGION										
1	GUJARAT	17	17.96	13.64	15.58	11.45	76	87	64	19
2	MAH.	25	17.27	16.26	16.65	13.27	94	96	77	23
SUB-TOTAL		42	35.24	29.90	32.24	24.72	85	91	70	21
CENTRAL REGION										
1	U.P.	8	7.66	4.92	4.77	4.38	64	62	57	12
2	UTTARAKHAND	3	4.99	4.51	4.24	3.99	90	85	80	13
3	M.P.	9	28.40	23.84	26.55	23.39	84	94	82	2
4	CHHATISGARH	4	4.41	3.17	3.68	3.19	72	83	72	-1
SUB-TOTAL		24	45.45	36.44	39.24	34.95	80	86	76.9	4
SOUTHERN REGION										
1	AP&TG	2	11.12	7.52	10.81	7.15	68	97	64	5
2	A.P	3	4.29	3.90	4.07	2.42	91	95	56	61
3	TELANGANA	4	4.23	4.23	4.22	2.56	100	100	61	65
4	KARNATAKA	16	24.63	20.62	20.96	17.17	84	85	70	20
5	KERALA	6	3.83	3.57	3.29	2.79	93	86	73	28
6	T.N.	6	4.23	4.21	3.02	2.51	100	71	59	68
SUB-TOTAL		37	52.32	44.05	46.36	34.60	84	89	66	27
COUNTRY AS A WHOLE		133	172.46	136.34	144.17	123.40	79	84	72	10

REGION-WISE STORAGE POSITION

(As on 18.11.2021)



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:

18-11-2021

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	63
Gujarat	17	SABARMATI(DHAROI)	49
		DANTIWADA	27
		PANAM	69
		WATRAK	57
		HATHMATI	48
		BRAHMANI(GUJ)	42
Himachal Pradesh	3	GOBIND SAGAR(BHAKRA)	77
		PONG DAM(BEAS)	72
Karnataka	16	TATTIHALLA	79
Chhattisgarh	4	DUDHAWA	34
Maharashtra	25	KHADAKVASLA	52
Odisha	10	BALIMELA	58
		MACHKUND(JALAPUT)	66
		UPPER KOLAB	67
		UPPER INDRAVATI	46
		HARIHARJHOR	60
Punjab	1	THEIN DAM	75
Rajasthan	5	BISALPUR	67
		JAWAI DAM	26
Uttar Pradesh	8	RANGAWAN	38

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

18-11-2021

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	SABARMATI	49
		DANTIWADA	27
		HATHMATI	48
		BRAHMANI	42
Chhattisgarh	4	DUDHAWA	34
Odisha	10	UPPER INDRAVATI	46
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: 18-11-2021						
RAINFALL POSITION*			STORAGE POSITION			
Meteorological Sub-Divisions	CUMULATIVE RAINFALL (mm) (1st Oct 2021 to 17th Nov 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
Arunachal Pradesh	126	-40	No reservoir monitored by CWC falls under this IMD sub-Division			
Assam & Meghalaya	139	-21	No reservoir monitored by CWC falls under this IMD sub-Division			
Nagaland, Manipur, Mizoram & Tripura	99	-50	Gumti	0.31	0.23	18
			Doyang HEP	0.54	0.30	-8
East Madhya Pradesh	29	-29	Bargi	3.18	3.13	9
			Bansagar	5.17	4.31	-4
			Indira Sagar	9.75	7.14	-8
			Sanjay Sarovar	0.51	0.37	10
			Rangawan	0.16	0.03	-62
Telangana	81	-27	N.J.Sagar	5.11	4.94	61
			Sriram Sagar	2.30	2.30	108
			Lower Manair	0.62	0.62	52
			Nizam Sagar	0.48	0.48	65
			Singur	0.82	0.82	95

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

WEEKLY REPORT - BASINWISE

WEEK ENDING :- 18-11-2021

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	25.119	80.20%	24.059	76.82%	22.608	72.19%	11.11
SUBERNAREKHA	0.218	0.141	64.68%	0.112	51.38%	0.125	57.34%	12.80
INDUS	14.819	7.925	53.48%	8.327	56.19%	10.607	71.58%	-25.29
NARMADA	22.344	16.744	74.94%	20.621	92.29%	15.798	70.70%	5.99
TAPI	7.394	7.317	98.96%	7.167	96.93%	5.545	74.99%	31.96
MAHI	4.012	3.353	83.57%	3.434	85.59%	3.429	85.47%	-2.22
SABARMATI	1.042	0.389	37.33%	0.934	89.64%	0.784	75.24%	-50.38
RIVERS OF KUTCH	1.379	0.791	57.36%	1.120	81.22%	0.799	57.94%	-1.00
GODAVARI	17.714	13.781	77.80%	15.769	89.02%	11.634	65.68%	18.45
KRISHNA	31.298	25.316	80.89%	28.876	92.26%	22.150	70.77%	14.29
MAHANADI & NEIGHBOURING EFRS	14.151	11.708	82.74%	11.035	77.98%	11.263	79.59%	3.95
CAUVERY& NEIGHBOURING EFRS	10.151	9.586	94.43%	8.444	83.18%	5.872	57.85%	63.25
WEST FLOWING RIVERS OF SOUTH	16.622	14.172	85.26%	14.268	85.84%	12.787	76.93%	10.83
TOTAL	172.463	136.342		144.166		123.401		
PERCENTAGE								10.49

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 18-11-2021											
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	499.35	6.229	3.760	18-11-2021	60	57	79	676	1379
*2	PONG DAM(BEAS)	423.67	410.68	6.157	3.020	18-11-2021	49	59	68	0	396
*3	KOL DAM	642	641.72	0.089	0.084	18-11-2021	94	92	91	0	800
<u>PUNJAB</u>											
*4	THEIN DAM	527.91	509.18	2.344	1.061	18-11-2021	45	43	60	348	600
<u>RAJASTHAN</u>											
*5	MAHI BAJAJ SAGAR	280.75	280.85	1.711	1.711	18-11-2021	100	100	99	63	140
6	JHAKAM	359.50	358.90	0.132	0.127	18-11-2021	96	96	94	28	0
*7	RANA PRATAP SAGAR	352.81	352.07	1.436	1.297	18-11-2021	90	53	54	229	172
8	BISALPUR	315.50	312.17	1.076	0.523	18-11-2021	49	57	72	81.8	0
9	JAWAI DAM	313.40	299.39	0.193	0.028	18-11-2021	15	79	56	38.67	0
EASTERN REGION											
<u>JHARKHAND</u>											
10	TENUGHAT	269.14	259.72	0.821	0.406	18-11-2021	49	51	48	0	0
\$11	MAITHON	146.3	148.11	0.471	0.471	18-11-2021	100	100	85	342	0
*\$12	PANCHET HILL	124.97	128.86	0.184	0.184	18-11-2021	100	100	86	0	80
\$13	KONAR	425.81	425.87	0.176	0.176	18-11-2021	100	97	91	0	0
\$14	TILAIYA	368.81	369.79	0.142	0.142	18-11-2021	100	90	87	0	4
15	GETALSUD	590.06	587.59	0.218	0.141	18-11-2021	65	51	57	0	130
<u>ODISHA</u>											
*16	HIRAKUD	192.02	191.92	5.378	4.759	18-11-2021	88	82	86	153	307
*17	BALIMELA	462.08	451.35	2.676	1.099	17-11-2021	41	72	71	0	360
18	SALANADI	82.30	75.75	0.558	0.358	18-11-2021	64	39	44	42	0
*19	RENGALI	123.50	122.44	3.432	3.083	17-11-2021	90	71	83	3	200
*20	MACHKUND(JALAPUT)	838.16	833.37	0.893	0.535	17-11-2021	60	97	91	0	115
*21	UPPER KOLAB	858.00	851.80	0.935	0.412	17-11-2021	44	52	66	89	320
*22	UPPER INDRAVATI	642.00	631.32	1.456	0.443	17-11-2021	30	68	67	128	600
23	SAPUA	168.50	168.13	0.006	0.006	18-11-2021	100	100	67	0	0
24	HARIHARJHOR	147.50	143.59	0.059	0.025	18-11-2021	42	80	71	9.95	0
25	MANDIRA DAM	210.31	209.94	0.309	0.308	18-11-2021	100	88	89	0	0
<u>WEST BENGAL</u>											
26	MAYURAKSHI	121.31	116.80	0.480	0.275	18-11-2021	57	62	50	227	0
27	KANGSABATI	134.14	133.01	0.914	0.853	18-11-2021	93	50	54	341	0
<u>TRIPURA</u>											
28	GUMTI	93.55	91.80	0.312	0.232	18-11-2021	74	99	63	0	15
<u>NAGALAND</u>											
*29	DOYANG HEP	333.00	318.20	0.535	0.302	18-11-2021	56	71	61	0	75
<u>BIHAR</u>											
30	CHANDAN DAM	152.39	152.43	0.14	0.14	18-11-2021	100.00	58.82	47.06	75.00	0.00
WESTERN REGION											
<u>GUJARAT</u>											
*31	UKAI	105.16	104.83	6.615	6.538	17-11-2021	99	97	76	348	300
32	SABARMATI(DHAROI)	189.59	184.03	0.735	0.277	18-11-2021	38	92	77	95	1
*33	KADANA	127.7	127.41	1.472	1.161	18-11-2021	79	79	75	200	120
34	SHETRUNJI	55.53	55.53	0.300	0.300	18-11-2021	100	98	67	36	0
35	BHADAR	107.89	107.90	0.188	0.188	18-11-2021	100	99	56	27	0
36	DAMANGANGA	79.86	79.65	0.502	0.468	17-11-2021	93	91	91	51	1
37	DANTIWADA	184.1	170.12	0.399	0.049	18-11-2021	12	57	46	45	0
38	PANAM	127.41	124.10	0.697	0.354	18-11-2021	51	62	73	36	2
*39	SARDAR SAROVAR	138.68	130.32	5.760	3.296	18-11-2021	57	80	40	2120	1450
40	KARJAN	115.25	115.06	0.523	0.506	17-11-2021	97	95	84	51	3
41	SUKHI(GUJ)	147.82	147.82	0.167	0.163	17-11-2021	98	98	68	20.701	0
42	WATRAK	136.25	132.35	0.154	0.054	17-11-2021	35	71	62	22.977	0
43	HATHMATI	180.74	178.00	0.153	0.058	17-11-2021	38	96	79	5.166	0
44	MACHCHHU-I	135.33	135.19	0.071	0.065	17-11-2021	92	94	73	0	0
45	MACHCHHU-II	57.3	57.09	0.091	0.080	17-11-2021	88	86	67	10.13	0
46	UND-I	98	97.95	0.066	0.065	17-11-2021	98	98	74	9.9	0
47	BRAHMANI(GUJ)	64.62	60.68	0.071	0.016	17-11-2021	23	70	54	6.413	0

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 18-11-2021											
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
<u>MAHARASHTRA</u>											
48	JAYAKWADI(PAITHAN)	463.91	463.91	2.171	2.171	18-11-2021	100	100	54	227	0
*49	KOYANA	657.90	656.54	2.652	2.489	18-11-2021	94	100	91	0	1920
50	BHIMA(UJJANI)	496.83	496.83	1.517	1.517	18-11-2021	100	100	76	125	12
51	ISAPUR	441.00	441.00	0.965	0.964	18-11-2021	100	100	66	104	0
52	MULA	552.30	552.12	0.609	0.600	18-11-2021	99	100	80	139	0
53	YELDARI	461.77	461.77	0.809	0.809	18-11-2021	100	100	50	78	0
54	GIRNA	398.07	398.07	0.524	0.524	17-11-2021	100	100	51	79	0
55	KHADAKVASLA	582.47	579.73	0.056	0.022	18-11-2021	39	71	75	78	8
*56	UPPER VAITARNA	603.50	603.40	0.331	0.328	18-11-2021	99	99	92	0	61
57	UPPER TAPI	214.00	214.00	0.255	0.255	17-11-2021	100	100	98	45	0
*58	PENCH(TOTLADOH)	490.00	487.77	1.091	0.851	18-11-2021	78	90	62	127	160
59	UPPER WARDHA	342.50	342.37	0.564	0.553	18-11-2021	98	99	87	70	0
60	BHATSA	142.07	139.30	0.942	0.867	18-11-2021	92	92	88	29.378	15
61	DHOM	747.70	745.56	0.331	0.283	18-11-2021	85	99	86	36.2	2
62	DUDHGANGA	646.00	644.00	0.664	0.612	18-11-2021	92	100	94	2.441	24
63	MANIKDOH	711.25	705.24	0.288	0.190	18-11-2021	66	47	60	2.2	6
64	BHANDARDARA	744.91	744.67	0.304	0.303	18-11-2021	100	100	86	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	623.10	0.673	0.660	18-11-2021	98	99	94	60.656	14.09
67	NIRA DEOGHAR	667.10	667.00	0.332	0.331	18-11-2021	100	100	92	0	6
*68	THOKARWADI	667.14	664.25	0.353	0.274	16-11-2021	78	68	76	0	72
69	KANHER	690.78	688.56	0.272	0.232	18-11-2021	85	99	89	44.78	4
*70	MULSHI	607.10	604.17	0.572	0.447	18-11-2021	78	81	76	0	300
71	SURYA	118.60	118.50	0.276	0.275	18-11-2021	100	99	97	18.324	6
72	TILLARI	113.20	112.35	0.447	0.434	18-11-2021	97	95	91	21.26	10
CENTRAL REGION											
<u>UTTAR PRADESH</u>											
73	MATATILA	308.46	308.27	0.707	0.622	18-11-2021	88	38	56	0	30
*74	RIHAND	268.22	263.13	5.649	3.478	18-11-2021	62	66	57	0	300
75	SHARDA SAGAR	190.50	187.91	0.330	0.266	18-11-2021	81	100	72	126.5	0
76	SIRSI	217.93	215.80	0.190	0.120	18-11-2021	63	48	59	80.566	0
77	MAUDAHA	147.80	145.90	0.179	0.114	18-11-2021	64	42	59	41.7	0
78	JIRGO	98.20	95.54	0.147	0.089	18-11-2021	61	56	54	13.14	0
79	RANGAWAN	233.17	223.97	0.155	0.028	18-11-2021	18	34	48	20.235	0
80	MEJA	178.00	173.55	0.299	0.205	17-11-2021	69	46	46	71.048	0
<u>UTTRAKHAND</u>											
*81	RAMGANGA	365.30	363.96	2.196	2.094	16-11-2021	95	79	73	1897	198
*82	TEHRI	830.00	821.60	2.615	2.271	18-11-2021	87	91	87	2351	1000
83	NANAK SAGAR	215.19	214.43	0.176	0.142	18-11-2021	81	69	61	250	0
<u>MADHYA PRADESH</u>											
*84	GANDHI SAGAR	399.90	399.52	6.827	6.380	18-11-2021	93	90	83	220	115
85	TAWA	355.40	354.59	1.944	1.892	18-11-2021	97	95	87	247	0
*86	BARGI	422.76	422.50	3.180	3.125	18-11-2021	98	98	90	157	90
*87	BANSAGAR	341.64	339.64	5.166	4.313	18-11-2021	83	90	87	488	425
*88	INDIRA SAGAR	262.13	259.05	9.745	7.136	18-11-2021	73	98	80	2380	1000
89	BARNA DAM	348.55	347.27	0.456	0.371	18-11-2021	81	94	84	546	0
*90	OMKARESHWAR	196.60	194.21	0.299	0.060	18-11-2021	20	74	16	132.5	520
91	SANJAY SAROVAR	519.38	518.50	0.508	0.368	18-11-2021	72	75	66	12.646	3.45
92	KOLAR DAM	462.20	458.44	0.270	0.195	18-11-2021	72	83	65	25.677	0
<u>CHHATTIS GARH</u>											
*93	MINIMATA BANGO	359.66	356.09	3.046	2.299	18-11-2021	75	81	74	0	120
94	MAHANADI	348.70	347.62	0.767	0.664	18-11-2021	87	99	78	319	10
95	DUDHAWA	425.10	416.97	0.284	0.057	18-11-2021	20	98	60	324.54	0
96	TANDULA	332.20	328.27	0.312	0.149	18-11-2021	48	53	56	246.36	0

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 18-11-2021											
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	260.94	6.013	2.584	18-11-2021	43	96	68	0	770
*98	NAGARJUNA SAGAR	179.83	179.22	5.108	4.940	18-11-2021	97	99	60	895	810
<u>ANDHRA PRADESH</u>											
99	SOMASILA	100.58	99.50	1.994	1.986	18-11-2021	100	100	70	168	0
100	YELERU	86.56	85.51	0.508	0.448	18-11-2021	88	97	63	66.6	0
101	KANDALERU	85	82.59	1.792	1.469	18-11-2021	82	88	39	300	9
<u>TELANGANA</u>											
102	SRIRAMSAGAR	332.54	332.54	2.300	2.300	18-11-2021	100	100	66	411	27
103	LOWER MANAIR	280.42	279.85	0.621	0.621	18-11-2021	100	100	61	199	60
104	NIZAM SAGAR	428.24	428.24	0.482	0.482	18-11-2021	100	100	53	93.619	10
105	SINGUR	523.6	523.60	0.822	0.822	18-11-2021	100	99	51	16.187	15
<u>KARNATAKA</u>											
106	KRISHNARAJA SAGARA	752.50	752.50	1.163	1.163	18-11-2021	100	100	77	79	0
*107	TUNGABHADRA	497.74	497.74	3.276	2.856	18-11-2021	87	79	61	529	72
108	GHATAPRABHA(HIDKAL)	662.95	660.36	1.391	1.200	18-11-2021	86	100	78	317	0
109	BHADRA	657.76	657.76	1.785	1.785	18-11-2021	100	92	78	106	39
110	LINGANAMAKKI	554.43	552.79	4.294	3.799	18-11-2021	88	89	78	0	55
@111	NARAYANPUR	492.25	491.59	0.863	0.655	18-11-2021	76	72	73	425	0
112	MALAPRABHA(RENUKA)	633.83	632.95	0.972	0.861	18-11-2021	89	98	57	215	0
113	KABINI	696.66	696.16	0.444	0.444	18-11-2021	100	74	54	85	0
114	HEMAVATHY	890.63	886.92	0.927	0.714	18-11-2021	77	85	54	265	0
115	HARANGI	871.42	871.13	0.220	0.210	18-11-2021	95	63	43	53	0
116	SUPA	564.00	555.34	4.120	3.130	18-11-2021	76	84	75	0	0
117	VANI VILAS SAGAR	652.28	648.82	0.802	0.546	18-11-2021	68	34	17	123	0
*@118	ALMATTI	519.60	518.34	3.105	2.562	18-11-2021	83	98	77	0	290
*119	GERUSOPPA	55.00	51.13	0.130	0.108	18-11-2021	83	80	81	83	240
*120	MANI DAM	594.36	586.72	0.884	0.514	18-11-2021	58	66	69	0	469
*121	TATTIHALLA	468.30	458.88	0.249	0.071	18-11-2021	29	39	36	0	0
<u>KERALA</u>											
122	KALLADA(PARAPPAR)	115.82	114.15	0.507	0.450	18-11-2021	89	86	78	62	0
*123	IDAMALAYAR	169.00	165.39	1.018	0.914	18-11-2021	90	85	75	33	75
*124	IDUKKI	732.43	731.34	1.460	1.397	18-11-2021	96	89	69	0	780
*125	KAKKI	981.46	980.40	0.447	0.427	18-11-2021	96	87	75	23	300
*126	PERIYAR	867.41	868.55	0.173	0.173	18-11-2021	100	52	57	84	140
127	MALAMPUZHA	115.06	114.45	0.224	0.207	18-11-2021	92	95	80	21.165	2.5
<u>TAMIL NADU</u>											
128	LOWER BHAWANI	278.89	280.18	0.792	0.792	18-11-2021	100	91	58	105	8
*129	METTUR(STANLEY)	240.79	240.83	2.647	2.647	18-11-2021	100	63	57	122	360
130	VAIGAI	279.20	278.72	0.172	0.161	18-11-2021	94	32	47	61	6
#131	PARAMBIKULAM	556.26	556.02	0.380	0.374	18-11-2021	98	96	76	101	0
#132	ALIYAR	320.04	319.67	0.095	0.093	18-11-2021	98	89	77	0	60
*#133	SHOLAYAR	1002.79	1002.98	0.143	0.143	18-11-2021	100	83	69	0	95
TOTAL FOR 133 RESERVOIRS				172.463	136.342						
PERCENTAGE								79	84	72	

* 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

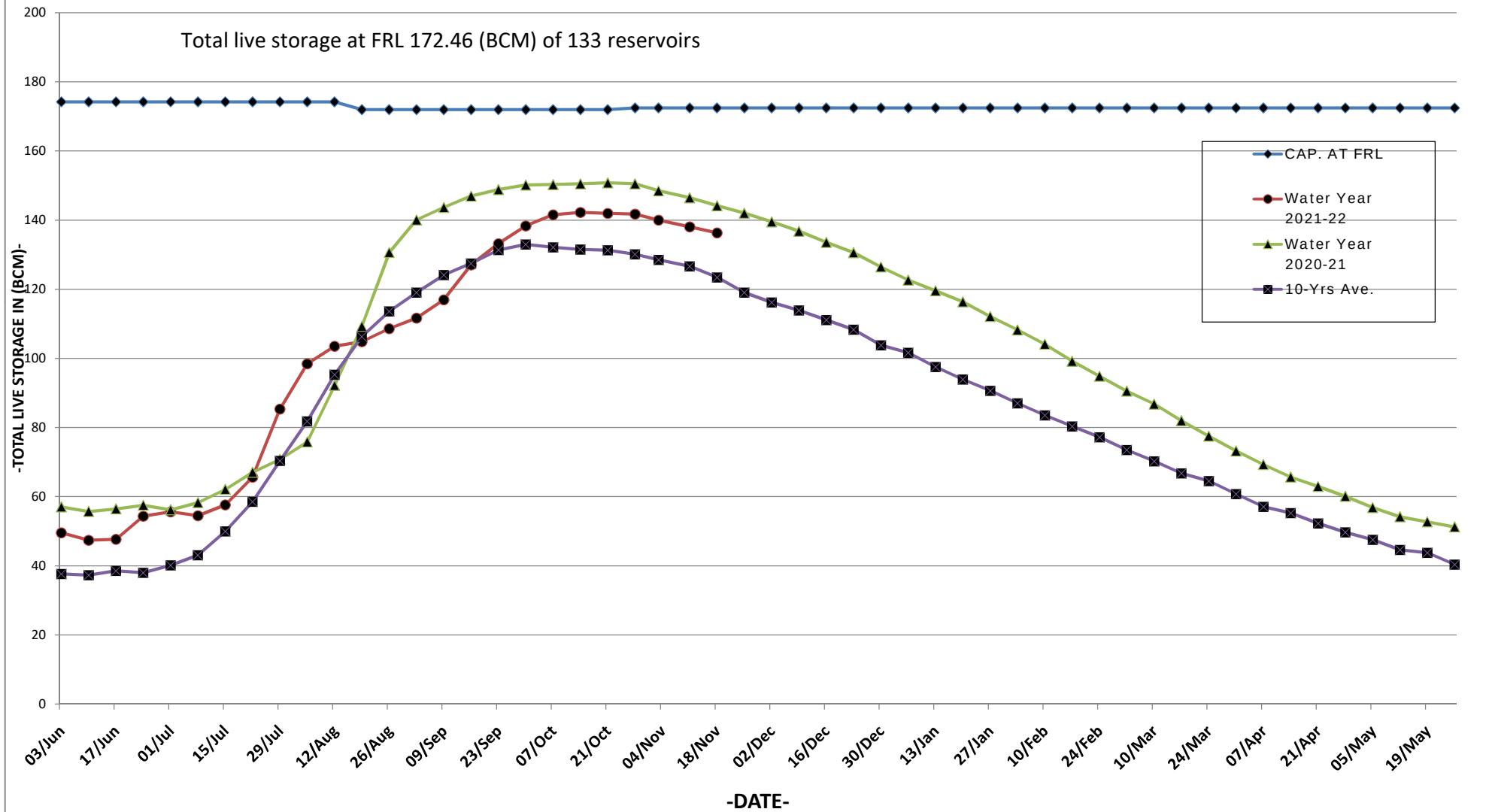
18-11-2021

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	-0.19	-0.19	-0.32
2	PUNJAB	1	2.34	-0.05	-0.10	-0.06
3	RAJASTHAN	5	4.55	-0.09	-0.15	-0.22
SUB-TOTAL		9	19.37	-0.33	-0.44	-0.60
EASTERN REGION						
1	JHARKHAND	6	2.01	-0.01	-0.02	-0.01
2	ORISSA	10	15.70	-0.04	-0.24	-0.15
3	W. BENGAL	2	1.39	0.04	0.00	0.00
4	TRIPURA	1	0.31	-0.01	0.00	-0.01
5	NAGALAND	1	0.54	-0.01	0.01	0.00
6	BIHAR	1	0.14	0.00	0.00	0.00
SUB-TOTAL		21	20.09	-0.02	-0.26	-0.18
WESTERN REGION						
1	GUJARAT	17	17.96	-0.24	-0.25	-0.22
2	MAH.	25	17.27	-0.14	-0.07	-0.56
SUB-TOTAL		42	35.24	-0.38	-0.32	-0.78
CENTRAL REGION						
1	U.P.	8	7.66	-0.03	-0.08	-0.08
2	UTTARAKHAND	3	4.99	-0.03	-0.03	-0.03
3	M.P.	9	28.40	-0.41	-0.44	-1.09
4	CHHATISGARH	4	4.41	0.01	-0.02	-0.10
SUB-TOTAL		24	45.45	-0.45	-0.57	-1.31
SOUTHERN REGION						
1	AP&TG	2	11.12	-0.54	-0.19	-0.14
2	A.P	3	4.29	0.03	0.01	0.11
3	TELANGANA	4	4.23	0.00	-0.01	-0.02
4	KARNATAKA	16	24.63	-0.08	-0.55	-0.30
5	KERALA	6	3.83	0.03	0.01	-0.01
6	T.N.	6	4.23	0.05	0.00	-0.01
SUB-TOTAL		37	52.32	-0.52	-0.73	-0.36
COUNTRY AS A WHOLE		133	172.46	-1.71	-2.31	-3.23

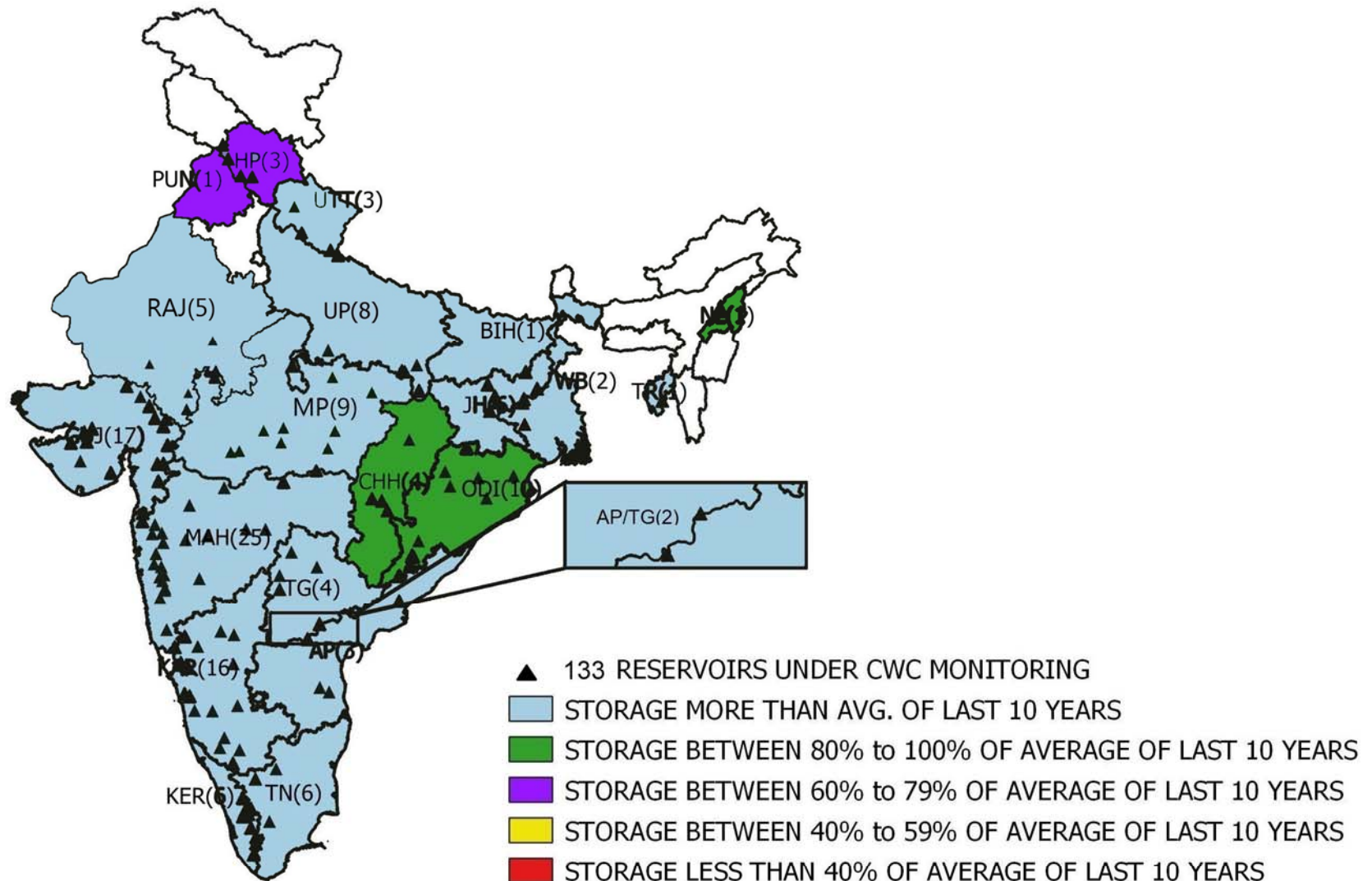
STORAGE POSITION OF 133 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2021-2022)

AS on 18.11.2021



Map Indicating Statewise Storage Position

As on 18.11.2021



WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

18-11-2021

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	18-11-2021	260.94	2.584	43	269.26	5.752	96	4.074	68	45	63
*2	NAGARJUNA SAGAR	AP/TG	895	810	179.83	5.108	18-11-2021	179.22	4.940	97	179.65	5.057	99	3.074	60	98	161
3	SOMASILA	AP	168	0	100.58	1.994	18-11-2021	99.50	1.986	100	100.31	1.994	100	1.392	70	100	143
4	YELERU	AP	66.6	0	86.56	0.508	18-11-2021	85.51	0.448	88	86.30	0.493	97	0.322	63	91	139
5	KANDALERU	AP	300	9	85	1.792	18-11-2021	82.59	1.469	82	83.48	1.584	88	0.705	39	93	208
6	SRIRAMSAGAR	TG	411	27	332.54	2.3	18-11-2021	332.54	2.300	100	332.54	2.300	100	1.512	66	100	152
7	LOWER MANAIR	TG	199	60	280.42	0.621	18-11-2021	279.85	0.621	100	280.05	0.621	100	0.376	61	100	165
8	NIZAM SAGAR	TG	93.619	10	428.24	0.482	18-11-2021	428.24	0.482	100	428.24	0.482	100	0.254	53	100	190
9	SINGUR	TG	16.187	15	523.6	0.822	18-11-2021	523.60	0.822	100	523.55	0.814	99	0.422	51	101	195
10	CHANDAN DAM	BR	75	0	152.39	0.136	18-11-2021	152.43	0.136	100	147.71	0.080	59	0.064	47	170	213
11	TENUGHAT	JHA	0	0	269.14	0.821	18-11-2021	259.72	0.406	49	259.96	0.415	51	0.398	48	98	102
12	MAITHON	JHA	342	0	146.3	0.471	18-11-2021	148.11	0.471	100	148.99	0.471	100	0.398	85	100	118
*13	PANCHET HILL	JHA\$	0	80	124.97	0.184	18-11-2021	128.86	0.184	100	127.59	0.184	100	0.158	86	100	116
14	KONAR	JHA\$	0	0	425.81	0.176	18-11-2021	425.87	0.176	100	425.52	0.171	97	0.160	91	103	110
15	TILAIYA	JHA\$	0	4	368.81	0.142	18-11-2021	369.79	0.142	100	368.43	0.128	90	0.124	87	111	115
*16	GETALSUD	JHA	0	130	590.06	0.218	18-11-2021	587.59	0.141	65	586.45	0.112	51	0.125	57	126	113
*17	UKAI	GUJ	348	300	105.16	6.615	17-11-2021	104.83	6.538	99	104.57	6.388	97	5.028	76	102	130
18	SABARMATI(DHAROI)	GUJ	95	1	189.59	0.735	18-11-2021	184.03	0.277	38	188.94	0.677	92	0.568	77	41	49
*19	KADANA	GUJ	200	120	127.7	1.472	18-11-2021	127.41	1.161	79	127.46	1.166	79	1.107	75	100	105
20	SHETRUNJI	GUJ	36	0	55.53	0.3	18-11-2021	55.53	0.300	100	55.47	0.295	98	0.201	67	102	149
21	BHADAR	GUJ	27	0	107.89	0.188	18-11-2021	107.90	0.188	100	107.88	0.187	99	0.105	56	101	179
22	DAMANGANGA	GUJ	51	1	79.86	0.502	17-11-2021	79.65	0.468	93	79.40	0.456	91	0.458	91	103	102
23	DANTIWADA	GUJ	45	0	184.1	0.399	18-11-2021	170.12	0.049	12	178.93	0.226	57	0.184	46	22	27
24	PANAM	GUJ	36	2	127.41	0.697	18-11-2021	124.10	0.354	51	125.50	0.430	62	0.512	73	82	69
*25	SARDAR SAROVAR	GUJ	2120	1450	138.68	5.76	18-11-2021	130.32	3.296	57	134.91	4.583	80	2.319	40	72	142
26	KARJAN	GUJ	51	3	115.25	0.523	17-11-2021	115.06	0.506	97	114.56	0.495	95	0.440	84	102	115
27	SUKHI(GUJ)	GUJ	20.701	0	147.82	0.167	17-11-2021	147.82	0.163	98	147.82	0.163	98	0.113	68	100	144
28	WATRAK	GUJ	22.977	0	136.25	0.154	17-11-2021	132.35	0.054	35	135.27	0.110	71	0.095	62	49	57
29	HATHMATI	GUJ	5.166	0	180.74	0.153	17-11-2021	178.00	0.058	38	180.68	0.147	96	0.121	79	39	48
30	MACHCHHU-I	GUJ	0	0	135.33	0.071	17-11-2021	135.19	0.065	92	135.24	0.067	94	0.052	73	97	125
31	MACHCHHU-II	GUJ	10.13	0	57.3	0.091	17-11-2021	57.09	0.080	88	56.94	0.078	86	0.061	67	103	131
32	UND-I	GUJ	9.9	0	98	0.066	17-11-2021	97.95	0.065	98	97.92	0.065	98	0.049	74	100	133
33	BRAHMANI(GUJ)	GUJ	6.413	0	64.62	0.071	17-11-2021	60.68	0.016	23	64.16	0.050	70	0.038	54	32	42
*34	GOBIND SAGAR(BHAKRA)	HP	676	1379	512.06	6.229	18-11-2021	499.35	3.760	60	497.92	3.580	57	4.908	79	105	77
*35	PONG DAM(BEAS)	HP	0	396	423.67	6.157	18-11-2021	410.68	3.020	49	414.04	3.652	59	4.202	68	83	72
*36	KOL DAM	HP	0	800	642	0.089	18-11-2021	641.72	0.084	94	641.53	0.082	92	0.081	91	102	104
37	KRISHNARAJA SAGARA	KAR	79	0	752.5	1.163	18-11-2021	752.50	1.163	100	751.99	1.163	100	0.893	77	100	130
*38	TUNGBHADRA	KAR	529	72	497.74	3.276	18-11-2021	497.74	2.856	87	496.97	2.588	79	1.985	61	110	144
39	GHATAPRABHA(HIDKAL)	KAR	317	0	662.95	1.391	18-11-2021	660.36	1.200	86	662.94	1.387	100	1.091	78	87	110
40	BHADRA	KAR	106	39	657.76	1.785	18-11-2021	657.76	1.785	100	656.45	1.635	92	1.393	78	109	128
41	LINGANAMAKKI	KAR	0	55	554.43	4.294	18-11-2021	552.79	3.799	88	552.80	3.803	89	3.370	78	100	113
42	NARAYANPUR	KAR@	425	0	492.25	0.863	18-11-2021	491.59	0.655	76	491.28	0.618	72	0.631	73	106	104

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

18-11-2021

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	18-11-2021	632.95	0.861	89	633.59	0.953	98	0.552	57	90	156
44	KABINI	KAR	85	0	696.66	0.444	18-11-2021	696.16	0.444	100	694.04	0.327	74	0.240	54	136	185
45	HEMAVATHY	KAR	265	0	890.63	0.927	18-11-2021	886.92	0.714	77	887.95	0.789	85	0.504	54	90	142
46	HARANGI	KAR	53	0	871.42	0.22	18-11-2021	871.13	0.210	95	867.82	0.138	63	0.094	43	152	223
47	SUPA	KAR	0	0	564	4.12	18-11-2021	555.34	3.130	76	558.49	3.473	84	3.090	75	90	101
48	VANI VILAS SAGAR	KAR	123	0	652.28	0.802	18-11-2021	648.82	0.546	68	643.44	0.275	34	0.136	17	199	401
*49	ALMATTI	KAR@	0	290	519.6	3.105	18-11-2021	518.34	2.562	83	519.38	3.029	98	2.387	77	85	107
*50	GERUSOPPA	KAR	83	240	55	0.13	18-11-2021	51.13	0.108	83	50.37	0.104	80	0.105	81	104	103
*51	MANI DAM	KAR	0	469	594.36	0.884	18-11-2021	586.72	0.514	58	588.39	0.584	66	0.613	69	88	84
52	TATTIHALLA	KAR	0	0	468.3	0.249	18-11-2021	458.88	0.071	29	460.90	0.097	39	0.090	36	73	79
53	KALLADA(PARAPPAR)	KRL	62	0	115.82	0.507	18-11-2021	114.15	0.450	89	113.48	0.434	86	0.396	78	104	114
*54	IDAMALAYAR	KRL	33	75	169	1.018	18-11-2021	165.39	0.914	90	163.74	0.866	85	0.763	75	106	120
*55	IDUKKI	KRL	0	780	732.43	1.46	18-11-2021	731.34	1.397	96	729.44	1.294	89	1.014	69	108	138
*56	KAKKI	KRL	23	300	981.46	0.447	18-11-2021	980.40	0.427	96	978.21	0.391	87	0.336	75	109	127
*57	PERIYAR	KRL	84	140	867.41	0.173	18-11-2021	868.55	0.173	100	863.73	0.090	52	0.098	57	192	177
58	MALAMPUZHA	KRL	21.165	2.5	115.06	0.224	18-11-2021	114.45	0.207	92	114.67	0.212	95	0.180	80	98	115
*59	GANDHI SAGAR	MP	220	115	399.9	6.827	18-11-2021	399.52	6.380	93	399.09	6.120	90	5.645	83	104	113
60	TAWA	MP	247	0	355.4	1.944	18-11-2021	354.59	1.892	97	354.36	1.846	95	1.690	87	102	112
*61	BARGI	MP	157	90	422.76	3.18	18-11-2021	422.50	3.125	98	422.40	3.102	98	2.859	90	101	109
*62	BANSAGAR	MP	488	425	341.64	5.166	18-11-2021	339.64	4.313	83	340.53	4.670	90	4.483	87	92	96
*63	INDIRA SAGAR	MP	2380	1000	262.13	9.745	18-11-2021	259.05	7.136	73	261.82	9.560	98	7.771	80	75	92
64	BARNA DAM	MP	546	0	348.55	0.456	18-11-2021	347.27	0.371	81	348.17	0.428	94	0.383	84	87	97
*65	OMKARESHWAR	MP	132.5	520	196.6	0.299	18-11-2021	194.21	0.060	20	195.99	0.220	74	0.048	16	27	125
66	SANJAY SAROVAR	MP	12.646	3.45	519.38	0.508	18-11-2021	518.50	0.368	72	518.75	0.380	75	0.336	66	97	110
67	KOLAR DAM	MP	25.677	0	462.2	0.27	18-11-2021	458.44	0.195	72	460.31	0.224	83	0.175	65	87	111
*68	MINIMATA BANGO	CHH	0	120	359.66	3.046	18-11-2021	356.09	2.299	75	357.20	2.477	81	2.253	74	93	102
69	MAHANADI	CHH	319	10	348.7	0.767	18-11-2021	347.62	0.664	87	348.61	0.758	99	0.595	78	88	112
70	DUDHAWA	CHH	324.535	0	425.1	0.284	18-11-2021	416.97	0.057	20	424.92	0.277	98	0.170	60	21	34
71	TANDULA	CHH	246.36	0	332.2	0.312	18-11-2021	328.27	0.149	48	328.76	0.166	53	0.175	56	90	85
72	JAYAKWADI(PAITHAN)	MAH	227	0	463.91	2.171	18-11-2021	463.91	2.171	100	463.91	2.171	100	1.165	54	100	186
*73	KOYANA	MAH	0	1920	657.9	2.652	18-11-2021	656.54	2.489	94	658.83	2.652	100	2.416	91	94	103
74	BHIMA(UJJANI)	MAH	125	12	496.83	1.517	18-11-2021	496.83	1.517	100	496.83	1.517	100	1.147	76	100	132
75	ISAPUR	MAH	104	0	441	0.965	18-11-2021	441.00	0.964	100	440.97	0.961	100	0.634	66	100	152
76	MULA	MAH	139	0	552.3	0.609	18-11-2021	552.12	0.600	99	552.30	0.609	100	0.488	80	99	123
77	YELDARI	MAH	78	0	461.77	0.809	18-11-2021	461.77	0.809	100	461.77	0.809	100	0.401	50	100	202
78	GIRNA	MAH	79	0	398.07	0.524	17-11-2021	398.07	0.524	100	398.07	0.524	100	0.266	51	100	197
79	KHADAKVASLA	MAH	78	8	582.47	0.056	18-11-2021	579.73	0.022	39	581.25	0.040	71	0.042	75	55	52
*80	UPPER VAITARNA	MAH	0	61	603.5	0.331	18-11-2021	603.40	0.328	99	603.40	0.328	99	0.305	92	100	108
81	UPPER TAPI	MAH	45	0	214	0.255	17-11-2021	214.00	0.255	100	214.00	0.255	100	0.251	98	100	102
*82	PENCH(TOTLADOH)	MAH	127	160	490	1.091	18-11-2021	487.77	0.851	78	489.60	0.986	90	0.672	62	86	127
83	UPPER WARDHA	MAH	70	0	342.5	0.564	18-11-2021	342.37	0.553	98	342.41	0.556	99	0.493	87	99	112
84	BHATSA	MAH	29.378	15	142.07	0.942	18-11-2021	139.30	0.867	92	139.44	0.871	92	0.833	88	100	104

WEEKLY REPORT OF 133 IMPORTANT RESERVOIRS OF INDIA																	
WEEK ENDING																	
18-11-2021																	
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
85	DHOM	MAH	36.2	2	747.7	0.331	18-11-2021	745.56	0.283	85	747.63	0.329	99	0.286	86	86	99
86	DUDHGANGA	MAH	2.441	24	646	0.664	18-11-2021	644.00	0.612	92	645.74	0.664	100	0.621	94	92	99
87	MANIKDOH	MAH	2.2	6	711.25	0.288	18-11-2021	705.24	0.190	66	701.32	0.136	47	0.172	60	140	110
88	BHANDARDARA	MAH	63.74	46	744.91	0.304	18-11-2021	744.67	0.303	100	744.67	0.303	100	0.262	86	100	116
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	18-11-2021	623.10	0.660	98	623.19	0.663	99	0.633	94	100	104
91	NIRA DEOGHAR	MAH	0	6	667.1	0.332	18-11-2021	667.00	0.331	100	667.10	0.332	100	0.305	92	100	109
*92	THOKARWADI	MAH	0	72	667.14	0.353	16-11-2021	664.25	0.274	78	662.82	0.240	68	0.270	76	114	101
93	KANHER	MAH	44.78	4	690.78	0.272	18-11-2021	688.56	0.232	85	690.70	0.270	99	0.243	89	86	95
*94	MULSHI	MAH	0	300	607.1	0.572	18-11-2021	604.17	0.447	78	604.68	0.466	81	0.433	76	96	103
95	SURYA	MAH	18.324	6	118.6	0.276	18-11-2021	118.50	0.275	100	118.25	0.272	99	0.267	97	101	103
96	TILLARI	MAH	21.26	10	113.2	0.447	18-11-2021	112.35	0.434	97	111.74	0.425	95	0.408	91	102	106
*97	DOYANG HEP	NAG	0	75	333	0.535	18-11-2021	318.20	0.302	56	323.60	0.379	71	0.329	61	80	92
*98	HIRAKUD	ORI	153	307	192.02	5.378	18-11-2021	191.92	4.759	88	191.33	4.384	82	4.647	86	109	102
*99	BALIMELA	ORI	0	360	462.08	2.676	17-11-2021	451.35	1.099	41	457.79	1.938	72	1.899	71	57	58
100	SALANADI	ORI	42	0	82.3	0.558	18-11-2021	75.75	0.358	64	70.10	0.220	39	0.245	44	163	146
*101	RENGALI	ORI	3	200	123.5	3.432	17-11-2021	122.44	3.083	90	120.34	2.427	71	2.856	83	127	108
*102	MACHKUND(JALAPUT)	ORI	0	115	838.16	0.893	17-11-2021	833.37	0.535	60	837.93	0.867	97	0.813	91	62	66
*103	UPPER KOLAB	ORI	89	320	858	0.935	17-11-2021	851.80	0.412	44	852.73	0.482	52	0.614	66	85	67
*104	UPPER INDRAVATI	ORI	128	600	642	1.456	17-11-2021	631.32	0.443	30	637.58	0.997	68	0.971	67	44	46
105	SAPUA	ORI	0	0	168.5	0.006	18-11-2021	168.13	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	18-11-2021	143.59	0.025	42	145.71	0.047	80	0.042	71	53	60
107	MANDIRA DAM	ORI	0	0	210.31	0.309	18-11-2021	209.94	0.308	100	209.18	0.273	88	0.276	89	113	112
*108	THEIN DAM	PUN	348	600	527.91	2.344	18-11-2021	509.18	1.061	45	507.83	1.013	43	1.416	60	105	75
*109	MAHI BAJAJ SAGAR	RAJ	63	140	280.75	1.711	18-11-2021	280.85	1.711	100	281.05	1.711	100	1.686	99	100	101
110	JHAKAM	RAJ	28	0	359.5	0.132	18-11-2021	358.90	0.127	96	358.95	0.127	96	0.124	94	100	102
*111	RANA PRATAP SAGAR	RAJ	229	172	352.81	1.436	18-11-2021	352.07	1.297	90	349.13	0.763	53	0.773	54	170	168
112	BISALPUR	RAJ	81.8	0	315.5	1.076	18-11-2021	312.17	0.523	49	312.83	0.612	57	0.775	72	85	67
113	JAWAI DAM	RAJ	38.67	0	313.4	0.193	18-11-2021	299.39	0.028	15	311.67	0.152	79	0.109	56	18	26
114	LOWER BHAWANI	TN	105	8	278.89	0.792	18-11-2021	280.18	0.792	100	277.55	0.720	91	0.462	58	110	171
*115	METTUR(STANLEY)	TN	122	360	240.79	2.647	18-11-2021	240.83	2.647	100	233.32	1.674	63	1.501	57	158	176
116	VAIGAI	TN	61	6	279.2	0.172	18-11-2021	278.72	0.161	94	272.72	0.055	32	0.081	47	293	199
117	PARAMBIKULAM	TN#	101	0	556.26	0.38	18-11-2021	556.02	0.374	98	555.55	0.364	96	0.289	76	103	129
118	ALIYAR	TN#	0	60	320.04	0.095	18-11-2021	319.67	0.093	98	318.46	0.085	89	0.073	77	109	127
*119	SHOLAYAR	TN#	0	95	1002.79	0.143	18-11-2021	1002.98	0.143	100	1000.80	0.119	83	0.099	69	120	144
120	GUMTI	TRP	0	15	93.55	0.312	18-11-2021	91.80	0.232	74	93.45	0.308	99	0.197	63	75	118
121	MATATILA	UP	0	30	308.46	0.707	18-11-2021	308.27	0.622	88	304.62	0.272	38	0.399	56	229	156
*122	RIHAND	UP	0	300	268.22	5.649	18-11-2021	263.13	3.478	62	263.75	3.729	66	3.234	57	93	108
123	SHARDA SAGAR	UP	126.5	0	190.5	0.33	18-11-2021	187.91	0.266	81	189.78	0.330	100	0.237	72	81	112
124	SIRSI	UP	80.566	0	217.93	0.19	18-11-2021	215.80	0.120	63	214.70	0.092	48	0.112	59	130	107
125	MAUDAHA	UP	41.7	0	147.8	0.179	18-11-2021	145.90	0.114	64	144.50	0.075	42	0.106	59	152	108
126	JIRGO	UP	13.14	0	98.2	0.147	18-11-2021	95.54	0.089	61	95.18	0.082	56	0.079	54	109	113
127	RANGAWAN	UP	20.235	0	233.17	0.155	18-11-2021	223.97	0.028	18	227.38	0.053	34	0.074	48	53	38
128	MEJA	UP	71.048	0	178	0.299	17-11-2021	173.55	0.205	69	169.44	0.137	46	0.138	46	150	149
*129	RAMGANGA	UKH	1897	198	365.3	2.196	16-11-2021	363.96	2.094	95	359.00	1.727	79	1.603	73	121	131
*130	TEHRI	UKH	2351	1000	830	2.615	18-11-2021	821.60	2.271	87	823.70	2.389	91	2.281	87	95	100
131	NANAK SAGAR	UKH	250	0	215.19	0.176	18-11-2021	214.43	0.142	81	213.97	0.122	69	0.108	61	116	131
132	MAYURAKSHI	WB	227	0	121.31	0.48	18-11-2021	116.80	0.275	57	117.27	0.297	62	0.239	50	93	115
133	KANGSABATI	WB	341	0	134.14	0.914	18-11-2021	133.01	0.853	93	128.32	0.453	50	0.494	54	188	173

**TOTAL FOR
133 RESERVOIRS
PERCENTAGE**

22338.2 18743

172.463

136.342

79

144.166

84

123.401

72

95

110.49

* 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