

BRIEF NOTE ON LIVE STORAGE STATUS OF 143 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 18.08.2022)

1. ALL INDIA STATUS

Central Water Commission is monitoring live storage status of 143 reservoirs of the country on weekly basis and is issuing weekly bulletin on every Thursday. Out of these reservoirs, 46 reservoirs have hydropower benefit with installed capacity of more than 60 MW. The total live storage capacity of these 143 reservoirs is **177.464 BCM** which is about **68.83%** 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 **18.08.2022**, live storage available in these reservoirs is **135.043 BCM**, which is **76%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **108.252 BCM** and the average of last 10 years live storage was **107.65 BCM**. Thus, the live storage available in 143 reservoirs as per **18.08.2022 Bulletin** is **125%** of the live storage of corresponding period of last year and **125%** of storage of average of last ten years.

As per Table-01, the overall storage position is **better than the** corresponding period of last year in the country as a whole and is also **better than the** average storage of last ten years during the corresponding period.

2. REGION WISE STORAGE STATUS:

a) NORTHERN REGION

The northern region includes States of Himachal Pradesh, Punjab and Rajasthan. There are 10 reservoirs under CWC monitoring having total live storage capacity of 19.66 BCM. As per Reservoir Storage Bulletin dated **18.08.2022**, the total live storage available in these reservoirs is **14.55 BCM** which is **74%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **46%** 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 better than the corresponding period of last year and is also better than the average storage of last ten years during the corresponding period.

b) EASTERN REGION

The Eastern region includes States of Jharkhand, Odisha, West Bengal, Tripura, 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 **18.08.2022**, the total live storage available in these reservoirs is **10.14 BCM** which is **50%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **45%** and average storage of last ten years during corresponding period was **53%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the corresponding period of last year but 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 46 reservoirs under CWC monitoring having total live storage capacity of 36.41 BCM. As per Reservoir Storage Bulletin dated **18.08.2022**, the total live storage available in these reservoirs is **30.65 BCM** which is **84%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **53%** 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 last year and is also better than the average storage of last ten years during the corresponding period.

d) CENTRAL REGION

The Central region includes States of Uttar Pradesh, Uttarakhand, Madhya Pradesh and Chhattisgarh. There are 26 reservoirs under CWC monitoring having total live storage capacity of 48.23 BCM. As per Reservoir Storage Bulletin dated **18.08.2022**, the total live storage available in these reservoirs is **33.29 BCM** which is **69%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **58%** and average storage of last ten years during corresponding period was **65%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the storage of last year and is also better than the average storage of last ten years during the corresponding period.

e) SOUTHERN REGION

The Southern region includes States of Andhra Pradesh, Telangana, AP&TG (2combined projects in both states), Karnataka, Kerala and Tamil Nadu. There are 40 reservoirs under CWC monitoring having total live storage capacity of 53.07 BCM. As per Reservoir Storage Bulletin dated **18.08.2022**, the total live storage available in these reservoirs is **46.43 BCM** which is **87%** 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 **59%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the storage of corresponding period of last year and also 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 11, better than normal storage is available in Indus, Mahi, Sabarmati, 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 Ganga and Subarnarekha. Deficient in Nil and Highly Deficient in Nil.
- Table on page 12-14 of the bulletin. The numbers of reservoirs having storage more than last year are **103** and reservoirs having storage more than average of last ten years are **106**. The numbers of reservoirs having storage less than or equal to 20% with respect to last year is **04** and having storage less than or equal to 20% with reference to average of last ten years is **02**. 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 **12**.

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

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

STORAGE STATUS OF 143 IMPORTANT RESERVOIRS IN THE COUNTRY

AS ON : 18-08-2022

1 Central Water Commission is monitoring storage status of 143 important reservoirs spread all over the country, in which 46 reservoirs have hydropower benefit each with installed capacity of more than 60 MW. These reservoirs are identified thus(*) in the enclosed weekly report.

2 The total live storage in 143 important reservoirs in different parts of the country, monitored by CWC as on

18-08-2022 is 135.043 BCM (76 percent of the live storage capacity at FRL).The current year's storage is nearly 125 percent of last year's storage and 125 percent of the average of last ten years.

3 Region wise storage status:-

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 143 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), (10 Resv.)	1	1	2	1	1	3	-	1	H.P.	4 %
									PUNJAB	31 %
									RAJASTHAN	13 %
EAST (Jharkhand,Odisha, Tripura, Nagaland, W.Bengal and Bihar) (21 Resv.)	1	1	1	2	1	2	5	8	JHARKHAND	-34 %
									ODISHA	5 %
									W. BENGAL	-31 %
									TRIPURA	11 %
									NAGALAND	-28 %
									BIHAR	-85 %
WEST (Guj.& Mah.), (46 Resv.)	6	15	8	5	4	1	3	4	GUJARAT	58 %
									MAH.	38 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (26 Resv)	1	3	8	1	2	-	3	8	U.P.	-37 %
									UTTARAKHAND	3 %
									M.P.	15 %
									CHHATISGARH	6 %
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (40 Resv.)	5	19	4	6	3	1	1	1	AP&TG	84 %
									A.P	164 %
									TELANGANA	139 %
									KARNATAKA	17 %
									KERALA	34 %
									T.N.	64 %
Status of 143 reservoirs	14	39	23	15	11	7	12	22		

4 Basin wise storage position:

Better than normal:

Indus, Mahi, Sabarmati,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:

Ganga and Subernarekha.

Deficient:

NIL

Highly deficient:

NIL

5 Out of 143 reservoirs, 119 reservoirs reported more than 80% of normal storage & 24 reservoirs reported 80% or below of normal storage. Out of these 24 reservoirs 12 having storage upto 50% of normal storage.

Name of Reservoir having storage less than 50% of normal storage.	%
CHANDAN DAM	15
TILAIYA	16
SIRSI	22
MEJA	25
KONAR	30
MAYURAKSHI	39
JIRGO	41
KOL DAM	42
MAITHON	42
SHARDA SAGAR	50
PANAM	50
MACHKUND(JALAPUT)	50

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

6 Out of 46 reservoirs with significant(*) hydropower generation, the storage build up is less than or equal to normal in 13 reservoirs.

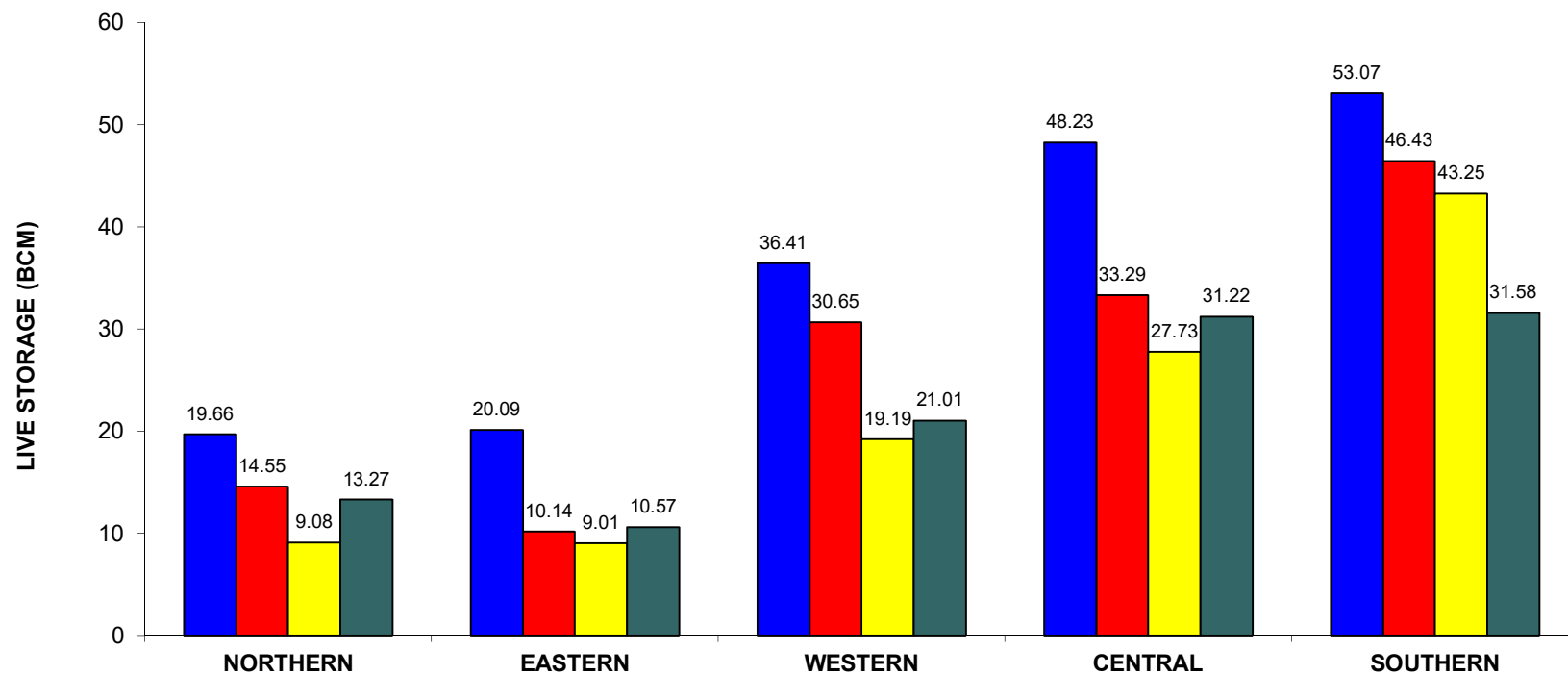
NOTE : **Normal:** Average of previous ten years, **Close to normal:** Where shortfall is up to 20% of the normal, **Deficient:** Where shortfall is more than 20% of the normal and up to 60% of the normal, **Highly deficient** : Where shortfall is more than 60% of the normal

TABLE-01
STATUS OF CURRENT STORAGE
18-08-2022

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	8.65	5.34	8.30	69	43	67	4
2	PUNJAB	1	2.34	2.00	0.99	1.53	85	42	65	31
3	RAJASTHAN	6	4.84	3.90	2.75	3.44	80	57	71	13
SUB-TOTAL		10	19.66	14.55	9.08	13.27	74	46	67	10
EASTERN REGION										
1	JHARKHAND	6	2.01	0.811	1.499	1.24	40	75	61	-34
2	ODISHA	10	15.70	8.28	6.00	7.90	53	38	50	5
3	W. BENGAL	2	1.39	0.56	1.01	0.81	40	72	58	-31
4	TRIPURA	1	0.31	0.22	0.18	0.20	72	57	64	11
5	NAGALAND	1	0.54	0.240	0.189	0.34	45	35	63	-28
6	BIHAR	1	0.14	0.01	0.14	0.09	10	100	67	-85
SUB-TOTAL		21	20.09	10.14	9.01	10.57	50	45	53	-4
WESTERN REGION										
1	GUJARAT	17	17.96	13.42	6.19	8.50	75	34	47	58
2	MAH.	29	18.45	17.23	13.00	12.51	93	70	68	38
SUB-TOTAL		46	36.41	30.65	19.19	21.01	84	53	58	46
CENTRAL REGION										
1	U.P.	8	7.66	2.34	4.34	3.69	31	57	48	-37
2	UTTARAKHAND	3	4.99	3.14	3.24	3.05	63	65	61	3
3	M.P.	11	31.18	24.58	17.15	21.45	79	55	69	15
4	CHHATISGARH	4	4.41	3.23	3.00	3.03	73	68	69	6
SUB-TOTAL		26	48.23	33.29	27.73	31.22	69	58	65	7
SOUTHERN REGION										
1	AP&TG	2	11.12	10.57	10.19	5.73	95	92	52	84
2	A.P	4	4.67	3.19	3.27	1.21	68	70	26	164
3	TELANGANA	5	4.39	4.25	3.75	1.78	97	85	40	139
4	KARNATAKA	16	24.63	20.99	21.07	17.91	85	86	73	17
5	KERALA	6	3.83	3.03	2.53	2.27	79	66	59	34
6	T.N.	7	4.44	4.39	2.45	2.68	99	55	60	64
SUB-TOTAL		40	53.07	46.43	43.25	31.58	87	81	59	47
COUNTRY AS A WHOLE		143	177.46	135.04	108.25	107.65	76	61	61	25

REGION-WISE STORAGE POSITION

(As on 18.08.2022)



REGION (H.P., Pun., Raj.)

(Jhar., Ori, W.B., Tripura, Nagaland, Bihar)

(Guj., Mah.)

(U.P., Uttarakhand, 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:
18-08-2022**

STATE	TOTAL NO OF PROJECTS MONITORED	TOTAL NO OF PROJECTS MONITORED	Current Year's Storage as %age of NORMAL
A.P.	4	DONKARAYI	73
Bihar	1	CHANDAN DAM	15
Jharkhand	6	MAITHON	42
		PANCHET HILL	57
		KONAR	30
		TILAIYA	16
Gujarat	17	PANAM	50
		WATRAK	66
		BRAHMANI(GUJ)	57
Himachal Pradesh	3	KOL DAM	42
Maharashtra	29	BANSAGAR	58
Nagaland	1	UPPER TAPI	65
Odisha	10	DOYANG HEP	72
		BALIMELA	61
		RENGALI	75
		MACHKUND(JALAPUT)	50
		MANDIRA DAM	69
Uttar Pradesh	8	RIHAND	57
		SHARDA SAGAR	50
		SIRSI	22
		JIRGO	41
		RANGAWAN	51
		MEJA	25
West Bengal	2	MAYURAKSHI	39

**Statewise distribution of projects having storage 50% or less of avg. of last 10 yrs' storage as on:
18-08-2022**

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
Bihar	1	CHANDAN DAM	15
Jharkhand	6	MAITHON	42
		KONAR	30
		TILAIYA	16
Gujarat	17	PANAM	50
Himachal Pradesh	3	KOL DAM	42
Odisha	10	MACHKUND(JALAPUT)	50
Uttar Pradesh	8	SHARDA SAGAR	50
		SIRSI	22
		JIRGO	41
		MEJA	25
West Bengal	2	MAYURAKSHI	39

IMD SUB-DIVISIONS HAVING LOW RAINFALL (80% or LESS THAN 80% OF NORMAL) AND STORAGE IN RESERVOIRS FALLING UNDER THESE AREAS AS ON: 18-08-2022						
RAINFALL POSITION*			STORAGE POSITION			
Meteorological Sub-Divisions	CUMULATIVE RAINFALL (mm) (1st June 2022 to 17th August 2022)	%AGE DEPARTUR E FROM NORMAL	RESERVOIRS BENEFITING IMD SUB- DIVISION	LIVE STORAGE CAPACITY (BCM)	CURRENT STORAGE (BCM)	%AGE DEPARTURE FROM LAST 10 YRS AVG. STORAGE
Nagaland, Manipur, Mizoram & Tripura	687	-23	Gumti	0.21	0.20	52
			Doyang HEP	0.54	0.24	70
Gangetic West Bengal	500	-36	Mayurakahi	0.18	0.05	-15
			Maithan	0.47	0.15	7
			Panchet Hill	0.18	0.10	-58
Jharkhand	431	-37	Konar	0.18	0.03	-43
			Tilaiya	0.14	0.02	-70
			Getalsud	0.22	0.13	-84
Bihar	390	-41	Chandan Dam	0.14	0.01	-12
East Uttar Pradesh	275	-48	Jirgo	0.18	0.08	-50
			Sirsi	0.33	0.10	25
			Maudaha	0.19	0.02	-43
			Meja	0.16	0.03	1
West Uttar Pradesh	267	-41	Matatila	0.31	0.22	28
			Ramganga	0.30	0.05	-59
			Sharda Sagar	5.65	1.46	11

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

WEEKLY REPORT - BASINWISE

WEEK ENDING :- 18-08-2022

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	34.099	19.514	57.23%	21.947	64.36%	21.694	63.62%	-10.05
SUBERNAREKHA	0.218	0.127	58.26%	0.187	85.78%	0.145	66.51%	-12.41
INDUS	14.819	10.648	71.85%	6.328	42.70%	9.826	66.31%	8.37
NARMADA	22.344	18.981	84.95%	7.872	35.23%	12.502	55.95%	51.82
TAPI	7.394	5.670	76.68%	3.944	53.34%	4.438	60.02%	27.76
MAHI	4.312	3.241	75.16%	1.842	42.72%	2.788	64.66%	16.25
SABARMATI	1.042	0.821	78.79%	0.277	26.58%	0.452	43.38%	81.64
RIVERS OF KUTCH	1.379	0.855	62.00%	0.377	27.34%	0.515	37.35%	66.02
GODAVARI	18.090	13.254	73.27%	9.549	52.79%	8.420	46.55%	57.41
KRISHNA	32.301	30.424	94.19%	28.403	87.93%	22.200	68.73%	37.05
MAHANADI & NEIGHBOURING EFRS	14.151	9.202	65.03%	7.613	53.80%	8.080	57.10%	13.89
CAUVERY& NEIGHBOURING EFRS	10.358	9.213	88.95%	7.268	70.17%	5.222	50.42%	76.43
WEST FLOWING RIVERS OF SOUTH	16.961	13.093	77.19%	12.645	74.55%	11.368	67.02%	15.17
TOTAL	177.468	135.043		108.252		107.650		
PERCENTAGE								25.45

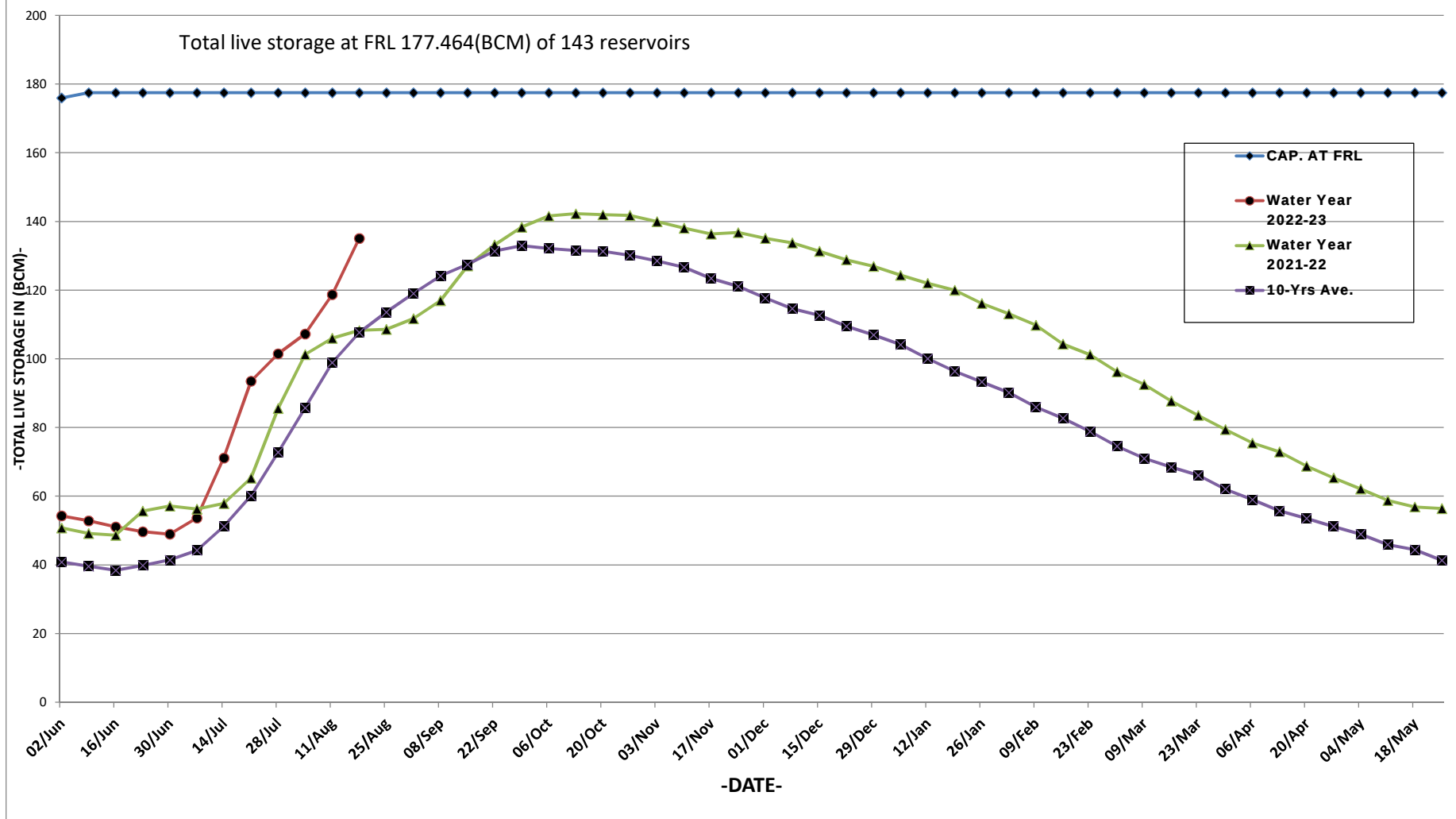
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TABLE-03 - CHANGE IN STORAGE FROM LAST WEEK TO THIS WEEK

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	1.97	0.24	0.89
2	PUNJAB	1	2.34	0.31	-0.02	0.16
3	RAJASTHAN	6	4.84	0.76	0.12	0.29
SUB-TOTAL		10	19.66	3.03	0.34	1.34
EASTERN REGION						
1	JHARKHAND	6	2.01	0.22	-0.06	0.06
2	ORISSA	10	15.70	3.96	0.46	1.37
3	W. BENGAL	2	1.39	0.15	0.03	0.03
4	TRIPURA	1	0.31	0.00	0.01	0.01
5	NAGALAND	1	0.54	0.01	0.01	-0.01
6	BIHAR	1	0.14	-0.03	0.00	-0.01
SUB-TOTAL		21	20.09	4.31	0.45	1.47
WESTERN REGION						
1	GUJARAT	17	17.96	2.25	-0.18	0.34
2	MAH.	29	18.45	1.27	0.20	0.69
SUB-TOTAL		46	36.41	3.52	0.03	1.03
CENTRAL REGION						
1	U.P.	8	7.66	0.19	0.27	0.59
2	UTTARAKHAND	3	4.99	0.24	0.24	0.25
3	M.P.	11	31.18	3.44	1.17	1.47
4	CHHATISGARH	4	4.41	0.51	0.12	0.14
SUB-TOTAL		26	48.23	4.38	1.80	2.44
SOUTHERN REGION						
1	AP&TG	2	11.12	-0.31	-0.86	0.91
2	A.P	4	4.67	0.11	0.17	0.04
3	TELANGANA	5	4.39	0.05	-0.08	0.14
4	KARNATAKA	16	24.63	1.33	0.55	1.05
5	KERALA	6	3.83	-0.10	0.01	0.11
6	T.N.	7	4.44	0.01	-0.12	0.24
SUB-TOTAL		40	53.07	1.10	-0.32	2.50
COUNTRY AS A WHOLE		143	177.46	16.34	2.29	8.77

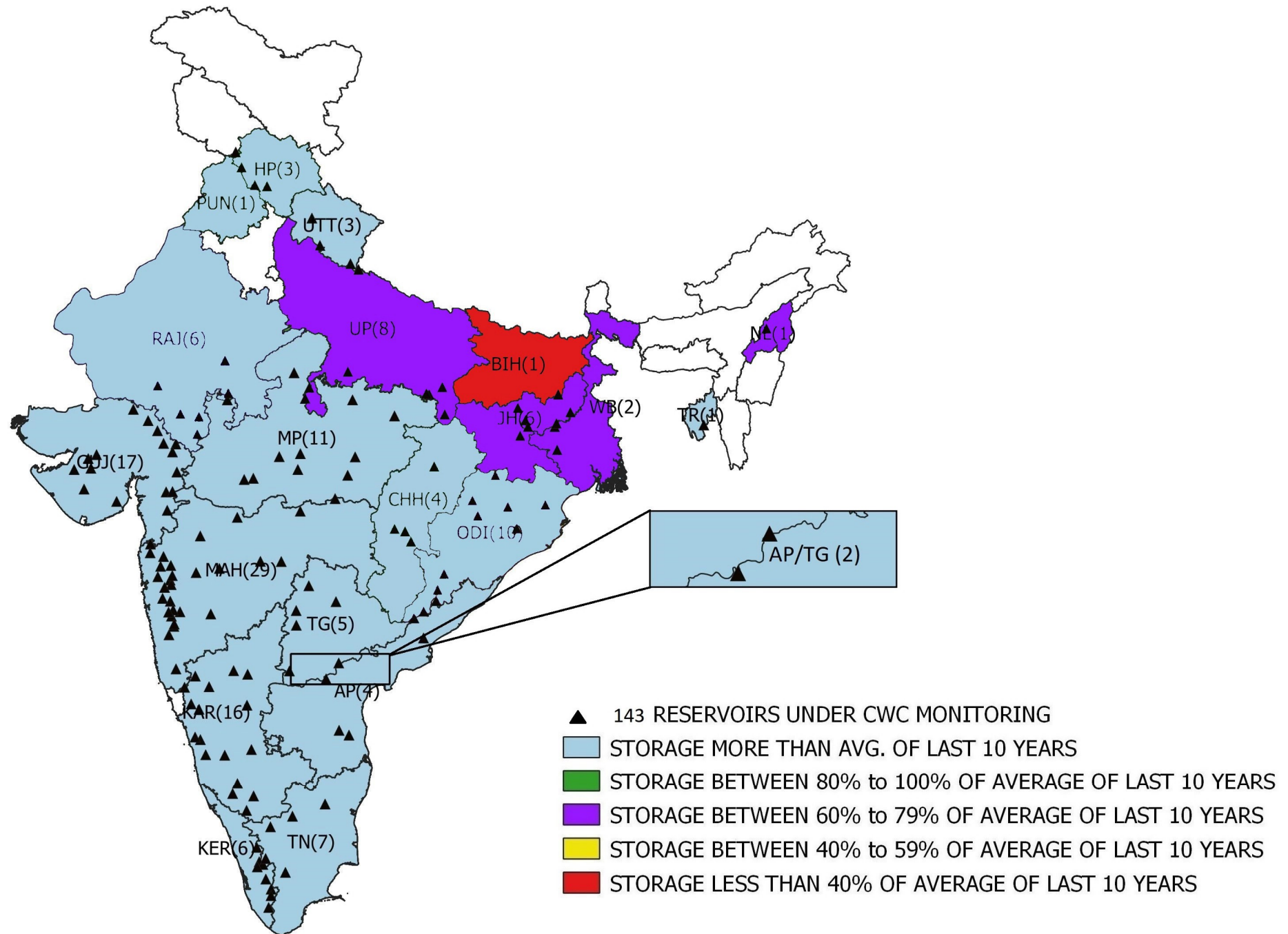
STORAGE POSITION OF 143 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2022-2023)

AS on 18.08.2022



Map Indicating Statewise Storage Position

(As on 18.08.2022)



WEEKLY REPORT OF 143 IMPORTANT RESERVOIRS OF INDIA																	
WEEK ENDING																	
18-08-2022																	
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
87	UPPER WARDHA	MAH	70	0	342.5	0.564	18-08-2022	341.89	0.510	90	339.74	0.343	61	0.409	73	149	125
88	BHATSA	MAH	29.378	15	142.07	0.942	18-08-2022	140.80	0.907	96	137.21	0.814	86	0.806	86	111	113
89	DHOM	MAH	36.2	2	747.7	0.331	18-08-2022	746.55	0.305	92	745.42	0.280	85	0.266	80	109	115
90	DUDHGANGA	MAH	2.441	24	646	0.664	18-08-2022	643.83	0.607	91	644.06	0.614	92	0.604	91	99	100
91	MANIKDOH	MAH	2.2	6	711.25	0.288	18-08-2022	705.60	0.195	68	700.20	0.123	43	0.151	52	159	129
92	BHANDARDARA	MAH	63.74	46	744.91	0.304	18-08-2022	744.73	0.304	100	742.85	0.262	86	0.282	93	116	108
93	URMODI	MAH	37	3	696	0.273	18-08-2022	694.96	0.257	94	692.96	0.226	83	0.251	92	114	102
94	BHATGHAR	MAH	60.656	14.09	623.28	0.673	18-08-2022	623.28	0.666	99	621.21	0.599	89	0.618	92	111	108
95	NIRA DEOGHAR	MAH	0	6	667.1	0.332	18-08-2022	666.60	0.325	98	667.10	0.332	100	0.309	93	98	105
*96	THOKARWADI	MAH	0	72	667.14	0.353	18-08-2022	664.22	0.273	77	662.76	0.238	67	0.234	66	115	117
97	KANHER	MAH	44.78	4	690.78	0.272	18-08-2022	689.28	0.245	90	688.63	0.234	86	0.242	89	105	101
*98	MULSHI	MAH	0	300	607.1	0.572	18-08-2022	607.08	0.570	100	605.23	0.488	85	0.479	84	117	119
99	SURYA	MAH	18.324	6	118.6	0.276	18-08-2022	117.10	0.257	93	115.95	0.242	88	0.232	84	106	111
100	TILLARI	MAH	21.26	10	113.2	0.447	18-08-2022	107.85	0.365	82	107.43	0.359	80	0.392	88	102	93
101	DIMBHE DAM	MAH	52.569	5	719.15	0.354	18-08-2022	718.21	0.338	95	699.51	0.098	28	0.284	80	345	119
102	VEER DAM	MAH	181.27	13.5	579.85	0.266	18-08-2022	579.67	0.261	98	579.45	0.254	95	0.231	87	103	113
103	BARVI DAM	MAH	0	1.1	72.6	0.339	18-08-2022	72.59	0.338	100	62.78	0.137	40	0.199	59	247	170
104	CHASKAMAN	MAH	55.214	3	649.53	0.215	18-08-2022	649.53	0.214	100	646.70	0.163	76	0.194	90	131	110
*105	DOYANG HEP	NAG	0	75	333	0.535	18-08-2022	313.00	0.240	45	308.85	0.189	35	0.335	63	127	72
*106	HIRAKUD	ORI	153	307	192.02	5.378	18-08-2022	190.37	3.778	70	186.33	1.828	34	2.473	46	207	153
*107	BALIMELA	ORI	0	360	462.08	2.676	18-08-2022	447.66	0.705	26	446.78	0.622	23	1.152	43	113	61
108	SALANADI	ORI	42	0	82.3	0.558	18-08-2022	78.90	0.450	81	67.00	0.157	28	0.252	45	287	179
*109	RENGALI	ORI	3	200	123.5	3.432	18-08-2022	117.48	1.557	45	120.33	2.419	70	2.085	61	64	75
*110	MACHKUND(JALAPUT)	ORI	0	115	838.16	0.893	18-08-2022	827.44	0.236	26	826.62	0.204	23	0.470	53	116	50
*111	UPPER KOLAB	ORI	89	320	858	0.935	18-08-2022	850.77	0.334	36	847.03	0.131	14	0.364	39	255	92
*112	UPPER INDRAVATI	ORI	128	600	642	1.456	18-08-2022	637.92	1.031	71	631.15	0.429	29	0.863	59	240	119
113	SAPUA	ORI	0	0	168.5	0.006	18-08-2022	168.56	0.006	100	162.95	0.001	17	0.003	50	600	200

WEEKLY REPORT OF 143 IMPORTANT RESERVOIRS OF INDIA
WEEK ENDING
18-08-2022

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
114	HARIHARJHOR	ORI	9.95	0	147.5	0.059	18-08-2022	146.77	0.055	93	142.29	0.013	22	0.046	78	423	120
115	MANDIRA DAM	ORI	0	0	210.31	0.309	18-08-2022	205.32	0.131	42	207.11	0.195	63	0.191	62	67	69
*116	THEIN DAM	PUN	348	600	527.91	2.344	18-08-2022	523.70	1.999	85	507.70	0.988	42	1.526	65	202	131
*117	MAHI BAJAJ SAGAR	RAJ	63	140	280.75	1.711	18-08-2022	280.20	1.650	96	274.60	1.013	59	1.392	81	163	119
118	JHAKAM	RAJ	28	0	359.5	0.132	18-08-2022	360.35	0.132	100	348.50	0.046	35	0.102	77	287	129
*119	RANA PRATAP SAGAR	RAJ	229	172	352.81	1.436	18-08-2022	352.06	1.298	90	351.37	1.158	81	1.098	76	112	118
120	BISALPUR	RAJ	81.8	0	315.5	1.076	18-08-2022	312.43	0.558	52	310.80	0.376	35	0.669	62	148	83
121	JAWAI DAM	RAJ	38.67	0	313.4	0.193	18-08-2022	307.94	0.100	52	299.85	0.002	1	0.060	31	5000	167
122	JAISAMAND	RAJ	16	0	295.54	0.296	18-08-2022	296.05	0.159	54	292.30	0.152	51	0.121	41	105	131
123	LOWER BHAWANI	TN	105	8	278.89	0.792	18-08-2022	279.50	0.792	100	279.16	0.792	100	0.492	62	100	161
*124	METTUR(STANLEY)	TN	122	360	240.79	2.647	18-08-2022	240.80	2.647	100	224.98	0.880	33	1.656	63	301	160
125	VAIGAI	TN	61	6	279.2	0.172	18-08-2022	278.69	0.160	93	278.29	0.151	88	0.062	36	106	258
126	PARAMBIKULAM	TN	101	0	556.26	0.38	18-08-2022	555.61	0.366	96	554.88	0.351	92	0.260	68	104	141
127	ALIYAR	TN	0	60	320.04	0.095	18-08-2022	319.39	0.091	96	318.53	0.085	89	0.060	63	107	152
*128	SHOLAYAR	TN	0	95	1002.79	0.143	18-08-2022	1002.92	0.143	100	1003.06	0.143	100	0.112	78	100	128
129	SATHANUR	TN	20.243	7.5	222.2	0.207	18-08-2022	221.60	0.195	94	210.26	0.043	21	0.041	20	453	476
130	GUMTI	TRP	0	15	93.55	0.312	18-08-2022	91.60	0.224	72	90.50	0.178	57	0.201	64	126	111
131	MATATILA	UP	0	30	308.46	0.707	18-08-2022	307.85	0.576	81	307.85	0.576	81	0.460	65	100	125
*132	RIHAND	UP	0	300	268.22	5.649	18-08-2022	257.89	1.458	26	261.95	3.007	53	2.545	45	48	57
133	SHARDA SAGAR	UP	126.5	0	190.5	0.33	18-08-2022	184.32	0.095	29	186.13	0.165	50	0.190	58	58	50
134	SIRSI	UP	80.566	0	217.93	0.19	18-08-2022	210.70	0.024	13	216.70	0.150	79	0.107	56	16	22
135	MAUDAHA	UP	41.7	0	147.8	0.179	18-08-2022	144.80	0.082	46	144.70	0.079	44	0.081	45	104	101
136	JIRGO	UP	13.14	0	98.2	0.147	18-08-2022	19.12	0.030	20	95.56	0.089	61	0.073	50	34	41
137	RANGAWAN	UP	20.235	0	233.17	0.155	18-08-2022	224.79	0.026	17	223.88	0.019	12	0.051	33	137	51
138	MEJA	UP	71.048	0	178	0.299	18-08-2022	161.80	0.045	15	176.00	0.255	85	0.179	60	18	25
*139	RAMGANGA	UKH	1897	198	365.3	2.196	18-08-2022	347.25	1.036	47	353.08	1.348	61	1.212	55	77	85
*140	TEHRI	UKH	2351	1000	830	2.615	18-08-2022	816.05	2.052	78	811.70	1.890	72	1.783	68	109	115
141	NANAK SAGAR	UKH	250	0	215.19	0.176	18-08-2022	211.74	0.054	31	208.03	0.004	2	0.058	33	1350	93
142	MAYURAKSHI	WB	227	0	121.31	0.48	18-08-2022	111.19	0.104	22	117.24	0.296	62	0.270	56	35	39
143	KANGSABATI	WB	341	0	134.14	0.914	18-08-2022	128.40	0.459	50	131.60	0.714	78	0.541	59	64	85
TOTAL FOR 143 RESERVOIRS			20817	19137		177.464		135.043		108.252		107.650					
PERCENTAGE								76		61		61		61		125	125

* 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.

NA- since the calculation involved '0' in the denominator the value is not expressed, but the position is much better than the Normal.

Sd/-
Director
W. M. , CWC