

BRIEF NOTE ON LIVE STORAGE STATUS OF 128 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 19.11.2020)

1. ALL INDIA STATUS

Central Water Commission is monitoring live storage status of 128 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 128 reservoirs is **172.132 BCM** which is about **66.77%** 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 **19.11.2020**, live storage available in these reservoirs is **141.666 BCM**, which is **82%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **151.967 BCM** and the average of last 10 years live storage was **120.58 BCM**. Thus, the live storage available in 128 reservoirs as per **19.11.2020 Bulletin** is **93%** of the live storage of corresponding period of last year and **117%** 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 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 8 reservoirs under CWC monitoring having total live storage capacity of 19.17 BCM. As per Reservoir Storage Bulletin dated **19.11.2020**, the total live storage available in these reservoirs is **11.54 BCM** which is **60%** 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 **74%** 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 and Nagaland. There are 19 reservoirs under CWC monitoring having total live storage capacity of 19.65 BCM. As per Reservoir Storage Bulletin dated **19.11.2020**, the total live storage available in these reservoirs is **14.22 BCM** which is **72%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **88%** and average storage of last ten years during corresponding period was **79%** 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 **19.11.2020**, the total live storage available in these reservoirs is **32.17 BCM** which is **91%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **96%** and average storage of last ten years during corresponding period was **69%** 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.

d) CENTRAL REGION

The Central region includes States of Uttar Pradesh, Uttarakhand, Madhya Pradesh and Chhattisgarh. There are 23 reservoirs under CWC monitoring having total live storage capacity of 45.27 BCM. As per Reservoir Storage Bulletin dated **19.11.2020**, the total live storage available in these reservoirs is **39.02 BCM** which is **86%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **88%** and average storage of last ten years during corresponding period was **72%** 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 36reservoirs under CWC monitoring having total live storage capacity of 52.81 BCM. As per Reservoir Storage Bulletin dated **19.11.2020**, the total live storage available in these reservoirs is **44.72 BCM** which is **85%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **87%** and average storage of last ten years during corresponding period was **64%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year but is better than the average storage of last ten years during the corresponding period.

The region wise and reservoir wise details are given in the following pages of the Bulletin.

BROAD ANALYSIS OF OTHER TABLES IN THE BULLETIN

- Normal storage means average storage of last ten years, Close to normal storage means where shortfall is upto 20% of normal, deficient storage is where shortfall is more than 20% of the normal and upto 60% of the normal, highly deficient means where shortfall is more than 60% of normal.
- In the table on page 11, better than normal storage is available in Ganga, Narmada, Tapi, Mahi, Sabarmati, Rivers of Kutch, Godavari, Krishna, Cauvery & neighbouring EFRs and West Flowing Rivers of South. Close to Normal in Subernarekha and Mahanadi & Neighbouring East Flowing Rivers. Deficient in Indus and Nil in Highly Deficient.
- Table on page 12-14 of the bulletin. The numbers of reservoirs having storage more than last year are **30** and reservoirs having storage more than average of last ten years are **99**. The numbers of reservoirs having storage less than or equal to 20% with respect to last year is **Nil** 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 **1** and having storage less than or equal to 50% with reference to average of last ten years are **Nil**.

States having better storage (in %) than last year for corresponding period: Tripura, Nagaland, Uttarakhand, Chhattisgarh, AP&TG (Two combined projects in both states), Andhra Pradesh, Telangana and Kerala

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

States having lesser storage (in %) than last year for corresponding period: Himachal Pradesh, Punjab, Rajasthan, Jharkhand, Odisha, West Bengal, Gujarat, Maharashtra, Uttar Pradesh, Madhya Pradesh, Karnataka and Tamil Nadu.

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 : 19.11.2020

- Central Water Commission is monitoring storage status of 128 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 128 important reservoirs in different parts of the country, monitored by CWC as on 19.11.2020 is 141.666 BCM (82 percent of the live storage capacity at FRL).The current year's storage is nearly 93 percent of last year's storage and 117 percent of the average of last ten years.

3 Region wise storage status:-

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 128 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), (8 Resv.)	1	2	-	-	-	4	1	-	H.P.	-23 %
									PUNJAB	-31 %
									RAJASTHAN	-1 %
EAST (Jharkhand,Odisha, Tripura, Nagaland & W.Bengal) (19 Resv.)	3	3	3	2	3	3	1	1	JHARKHAND	9 %
									ODISHA	-12 %
									W. BENGAL	-2 %
									TRIPURA	66 %
									NAGALAND	17 %
WEST (Guj.& Mah.), (42 Resv.)	11	19	2	5	3	1	1	-	GUJARAT	43 %
									MAH.	24 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (23 Resv)	1	6	5	3	1	2	3	2	U.P.	15 %
									UTTARAKHAND	5 %
									M.P.	23 %
									CHHATISGARH	20 %
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (36 Resv.)	6	9	9	4	4	1	-	3	AP&TG	45 %
									A.P	47 %
									TELANGANA	58 %
									KARNATAKA	23 %
									KERALA	19 %
									T.N.	21 %
Status of 128 reservoirs	22	39	19	14	11	11	6	6		

4 Basin wise storage position:

Better than normal:

Ganga , Narmada, Tapi, Mahi, Sabarmati, Rivers of Kutch, Godavari, Krishna, Cauvery & Neighbouring East Flowing River and West Flowing Rivers of South

Close to normal:

Subernarekha and Mahanadi & Neighbouring East Flowing River.

Deficient:

Indus

Highly deficient:

Nil

5 Out of 128 reservoirs, **118** reservoirs reported more than 80% of normal storage & 80% or below of normal storage.

10 reservoirs reported

10 reservoirs having storage 51% to 80% of normal storage.		
51% to 60%	61% to 70%	71% to 80%
0	3	7

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
19.11.2020

S. NO.	REGION/STATE	NO. OF RESERVOIRS MONITORED	LIVE CAPACITY AT FRL (BCM)	LIVE STORAGE (BCM)			STORAGE AS PERCENTAGE OF LIVE CAPACITY AT FRL			% departure from 10 yrs
				CURRENT YEAR	LAST YEAR	LAST 10 YRS. AVG.	CURRENT YEAR	LAST YEAR	LAST 10 YRS. AVERAGE	
NORTHERN REGION										
1	H.P.	3	12.48	7.30	9.56	9.44	59	77	76	-23
2	PUNJAB	1	2.34	1.03	1.84	1.49	44	79	63	-31
3	RAJASTHAN	4	4.36	3.21	4.14	3.23	74	95	74	-1
SUB-TOTAL		8	19.17	11.54	15.54	14.16	60	81	74	-18
EASTERN REGION										
1	JHARKHAND	6	2.01	1.48	1.54	1.36	74	76	68	9
2	ODISHA	9	15.39	11.31	14.15	12.85	73	92	83	-12
3	W. BENGAL	2	1.39	0.75	1.07	0.76	54	77	55	-2
4	TRIPURA	1	0.31	0.31	0.15	0.19	99	48	59	66
5	NAGALAND	1	0.54	0.38	0.35	0.33	71	65	61	17
SUB-TOTAL		19	19.65	14.22	17.26	15.48	72.4	88	78.8	-8
WESTERN REGION										
1	GUJARAT	17	17.96	15.53	16.94	10.86	86	94	60	43
2	MAH.	25	17.27	16.64	16.73	13.40	96	97	78	24
SUB-TOTAL		42	35.24	32.17	33.67	24.25	91.3	95.6	69	33
CENTRAL REGION										
1	U.P.	8	7.66	4.75	4.88	4.12	62	64	54	15
2	UTTARAKHAND	2	4.81	4.09	3.91	3.89	85	81	81	5
3	M.P.	9	28.40	26.50	27.42	21.59	93	97	76	23
4	CHHATISGARH	4	4.41	3.68	3.53	3.07	83	80	70	20
SUB-TOTAL		23	45.27	39.02	39.74	32.67	86	88	72	19
SOUTHERN REGION										
1	AP&TG	2	13.40	10.77	10.47	7.44	80	78	56	45
2	A.P	2	2.50	2.49	2.44	1.69	99	98	68	47
3	TELANGANA	4	4.23	4.22	3.05	2.66	100	72	63	58
4	KARNATAKA	16	24.63	20.89	22.56	16.92	85	92	69	23
5	KERALA	6	3.83	3.31	3.09	2.78	86	81	72	19
6	T.N.	6	4.23	3.05	4.13	2.53	72	98	60	21
SUB-TOTAL		36	52.81	44.72	45.75	34.01	84.7	86.6	64	31
COUNTRY AS A WHOLE		128	172.13	141.67	151.97	120.58	82	88	70	17

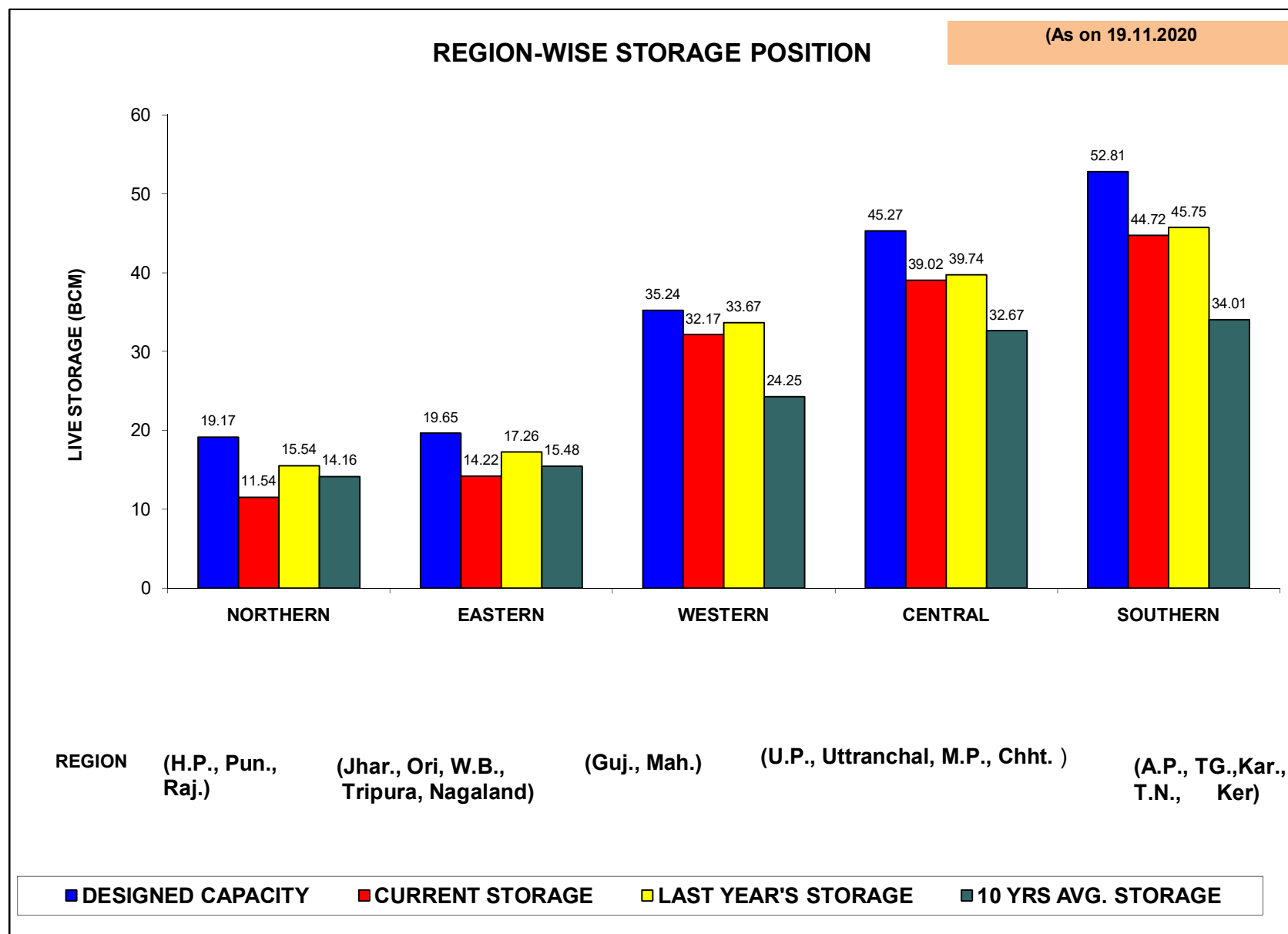


Table-02 STATEWISE DISTRIBUTION OF PROJECTS HAVING STORAGE 80% OR LESS OF AVG. OF LAST 10 YRS' STORAGE AS ON:

19.11.2020

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
Himachal Pradesh	3	GOBIND SAGAR(BHAKRA)	71
Maharashtra	25	MANIKDOH	80
Odisha	9	RENGALI	79
		UPPER KOLAB	70
Punjab	1	THEIN DAM	69
Tamil Nadu	6	VAIGAI	74
Uttar Pradesh	8	MATATILA	68
		SIRSI	79
		MAUDAHA	71
		RANGAWAN	75

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

19.11.2020

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
NIL			

IMD SUB-DIVISIONS HAVING LOW RAINFALL (80% or LESS THAN 80% OF NORMAL) AND STORAGE IN RESERVOIRS FALLING UNDER THESE AREAS AS ON:						
19.11.2020						
RAINFALL POSITION*			STORAGE POSITION			
Meteorological Sub-Divisions	CUMULATIVE RAINFALL (mm) (1st October to 18th November 2020)	%AGE DEPARTURE FROM NORMAL	RESERVOIRS BENEFITING IMD SUB-DIVISION	LIVE STORAGE CAPACITY (BCM)	CURRENT STORAGE (BCM)	%AGE DEPARTURE FROM LAST 10 YRS AVG. STORAGE
Sub- Himalayan West Bengal & Sikkim	114	-31	No reservoir monitored by CWC falls under this IMD sub-Division			
Gangetic West Bengal	76	-48	Mayurakahi	0.48	0.30	20
			Maithan	0.47	0.47	13
			Panchet Hill	0.18	0.18	9
Jharkhand	60	-27	Konar	0.18	0.17	13
			Tilaiya	0.14	0.13	15
			Getalsud	0.22	0.11	-9
Bihar	29	-56	No reservoir monitored by CWC falls under this IMD sub-Division			
East Uttar Pradesh	6	-84	Jirgo	0.15	0.08	9
			Sirsi	0.19	0.09	-21
			Maudaha	0.18	0.08	-29
			Meja	0.30	0.14	7
West Uttar Pradesh	4	-83	Matatila	0.71	0.27	-32
			Ramganga	2.20	1.73	3
			Sharda Sagar	0.33	0.33	42
Uttarakhand	6	-85	Ramganga	2.20	1.73	3
			Tehri	2.62	2.36	6
Haryana, Chandigarh & Delhi	5	-54	Gobind Sagar	6.23	3.57	-29
			Pong Dam	6.16	3.65	-17
Himachal Pradesh	23	-39	Gobind Sagar	6.23	3.57	-29
			Pong Dam	6.16	3.65	-17
			Kol Dam	0.09	0.09	6
Jammu & Kashmir	24	-55	Thein	2.34	1.03	-31
West Rajasthan	4	-60	Gobind Sagar	6.23	3.57	-29
			Pong Dam	6.16	3.65	-17
East Rajasthan	7	-61	Gandhi Sagar	6.83	6.12	32
			M.B.Sagar	1.71	1.71	7
			Jakham	0.13	0.12	7
			R.P.Sagar	1.44	0.76	-3
			Bisalpur	1.08	0.61	-16
West Madhya Pradesh	12	-66	Gandhi Sagar	6.83	6.12	32
			Tawa	1.94	1.83	9
			Barna	0.46	0.43	26
			R.P.Sagar	1.44	0.76	-3
			Omkareshwar	0.30	0.22	704
			Kolar	0.27	0.22	39
			Rangawan	0.16	0.05	-25

RAINFALL POSITION*			STORAGE POSITION			
Meteorological Sub-Divisions	CUMULATIVE RAINFALL (mm) (1st October to 18th November)	%AGE DEPARTURE FROM NORMAL	RESERVOIRS BENEFITING IMD SUB-DIVISION	LIVE STORAGE CAPACITY (BCM)	CURRENT STORAGE (BCM)	%AGE DEPARTURE FROM LAST 10 YRS AVG. STORAGE
East Madhya Pradesh	26	-36	Bargi	3.18	3.10	9
			Bansagar	5.17	4.67	13
			Indira Sagar	9.75	9.52	28
			Sanjay Sarovar	0.51	0.38	14
			Rangawan	0.16	0.05	-25
Gujarat Region	11	-55	Ukai	6.62	6.34	29
			Sabarmati	0.74	0.68	25
			Kadana	1.47	1.17	9
			Damanganga	0.50	0.46	0
			Dantiwada	0.40	0.23	35
			Panam	0.70	0.43	-16
			Sukhi	0.17	0.16	46
			Watrak	0.15	0.11	36
Vidarbha	48	-28	Hathmati	0.15	0.15	55
			Yeldari	0.81	0.81	87
			Pench (Totladoh)	1.09	0.99	40
Tamil Nadu & Pondicherry	232	-22	Upper Wardha	0.56	0.56	13
			Lower Bhawani	0.79	0.72	55
			Mettur	2.65	1.70	9
			Vaigai	0.17	0.06	-26
			Parambikulam	0.38	0.36	28
			Aliyar	0.10	0.09	15
			Malampuzha	0.22	0.21	17
Kerala	305	-28	Sholayar	0.14	0.12	18
			Kallada	0.51	0.44	10
			Idamalayar	1.02	0.87	14
Lakshadweep	111	-51	Idukki	1.46	1.30	29
			No reservoir monitored by CWC falls under this IMD sub-Division			

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

WEEKLY REPORT - BASINWISE

WEEK ENDING :- 19.11.2020

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	31.007	24.070	77.63%	25.404	81.93%	20.805	67.10%	15.69
SUBERNAREKHA	0.218	0.112	51.38%	0.155	71.10%	0.123	56.42%	-8.94
INDUS	14.819	8.334	56.24%	11.400	76.93%	10.929	73.75%	-23.74
NARMADA	22.344	20.573	92.07%	21.881	97.93%	15.028	67.26%	36.90
TAPI	7.394	7.123	96.33%	7.394	100.00%	5.429	73.42%	31.20
MAHI	4.012	3.427	85.42%	3.588	89.43%	3.289	81.98%	4.20
SABARMATI	1.042	0.931	89.35%	1.013	97.22%	0.714	68.52%	30.39
RIVERS OF KUTCH	1.186	0.964	81.28%	0.878	74.03%	0.667	56.24%	44.53
GODAVARI	17.714	15.738	88.84%	15.664	88.43%	12.300	69.44%	27.95
KRISHNA	33.573	28.784	85.74%	29.217	87.03%	22.581	67.26%	27.47
MAHANADI & NEIGHBOURING EFRS	13.842	10.728	77.50%	12.188	88.05%	11.077	80.02%	-3.15
CAUVERY& NEIGHBOURING EFRS	8.359	6.877	82.27%	8.129	97.25%	5.152	61.63%	33.48
WEST FLOWING RIVERS OF SOUTH	16.622	14.269	85.84%	15.056	90.58%	12.486	75.12%	14.28
TOTAL	172.132	141.930		151.967		120.580		
PERCENTAGE								17.71

WEEKLY REPORT OF 128 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 19.11.2020

S. NO	NAME OF RESERVOIR	FRL (m)	CURRENT RESERVOIR LEVEL (m)	LIVE CAPACITY AT FRL (BCM)	CURRENT LIVE STORAGE (BCM)	DATE	STORAGE AS % OF LIVE CAPACITY AT FRL			BENEFITS	
							CURRENT YEAR	LAST YEAR	LAST 10 YEARS AVERAGE	IRR. (CCA) IN TH. HA	HYD EL IN MW
1	2	4	6	5	7	8	9	10	11	3A	3B
NORTHERN REGION											
<u>HIMACHAL PRADESH</u>											
*1	GOBIND SAGAR(BHAKRA)	512.06	497.80	6.229	3.566	19 / 11 / 2020	57	74	80	676	1379
*2	PONG DAM(BEAS)	423.67	414.04	6.157	3.652	19 / 11 / 2020	59	79	71	0	396
*3	KOL DAM	642	641.75	0.089	0.085	19 / 11 / 2020	96	92	90	0	800
<u>PUNJAB</u>											
*4	THEIN DAM	527.91	507.61	2.344	1.031	19 / 11 / 2020	44	79	63	348	600
<u>RAJASTHAN</u>											
*5	MAHI BAJAJ SAGAR	280.75	281.00	1.711	1.711	19 / 11 / 2020	100	100	93	63	140
6	JHAKAM	359.50	358.60	0.132	0.123	19 / 11 / 2020	93	100	87	28	0
*7	RANA PRATAP SAGAR	352.81	349.13	1.436	0.763	19 / 11 / 2020	53	85	55	229	172
8	BISALPUR	315.50	312.81	1.076	0.610	19 / 11 / 2020	57	100	68	81.8	0
EASTERN REGION											
<u>JHARKHAND</u>											
9	TENUGHAT	269.14	259.95	0.821	0.415	19 / 11 / 2020	51	52	48	0	0
10	MAITHON	146.3	149.00	0.471	0.471	19 / 11 / 2020	100	100	88	342	0
*11	PANCHET HILL	124.97	127.60	0.184	0.184	19 / 11 / 2020	100	100	92	0	80
12	KONAR	425.81	425.50	0.176	0.170	19 / 11 / 2020	97	97	86	0	0
13	TILAIYA	368.81	368.40	0.142	0.127	19 / 11 / 2020	89	92	77	0	4
14	GETALSUD	590.06	586.45	0.218	0.112	19 / 11 / 2020	51	71	56	0	130
<u>ODISHA</u>											
*15	HIRAKUD	192.02	191.33	5.378	4.384	19 / 11 / 2020	82	90	87	153	307
*16	BALIMELA	462.08	457.63	2.676	1.915	19 / 11 / 2020	72	94	84	0	360
17	SALANADI	82.30	69.70	0.558	0.211	16 / 11 / 2020	38	62	41	42	0
*18	RENGALI	123.50	120.26	3.432	2.401	19 / 11 / 2020	70	100	89	3	200
*19	MACHKUND(JALAPUT)	838.16	837.88	0.893	0.863	19 / 11 / 2020	97	95	93	0	115
*20	UPPER KOLAB	858.00	852.73	0.935	0.482	19 / 11 / 2020	52	91	74	89	320
*21	UPPER INDRAVATI	642.00	637.55	1.456	0.995	19 / 11 / 2020	68	88	74	128	600
22	SAPUA	168.50	168.53	0.006	0.006	19 / 11 / 2020	100	100	67	0	0
23	HARIHARJHOR	147.50	145.72	0.059	0.048	19 / 11 / 2020	81	88	63	9.95	0
<u>WEST BENGAL</u>											
24	MAYURAKSHI	121.31	117.27	0.480	0.297	19 / 11 / 2020	62	77	52	227	0
25	KANGSABATI	134.14	128.32	0.914	0.453	19 / 11 / 2020	50	77	56	341	0
<u>TRIPURA</u>											
26	GUMTI	93.55	93.45	0.312	0.308	18 / 11 / 2020	99	48	59	0	15
<u>NAGALAND</u>											
*27	DOYANG HEP	333.00	323.60	0.535	0.379	19 / 11 / 2020	71	65	61	0	75
WESTERN REGION											
<u>GUJARAT</u>											
*28	UKAI	105.16	104.50	6.615	6.344	19 / 11 / 2020	96	100	74	348	300
29	SABARMATI(DHAROI)	189.59	188.92	0.735	0.675	19 / 11 / 2020	92	99	73	95	1
*30	KADANA	127.7	127.46	1.472	1.166	19 / 11 / 2020	79	81	72	200	120
31	SHETRUNJI	55.53	55.47	0.300	0.295	19 / 11 / 2020	98	92	67	36	0
32	BHADAR	107.89	107.88	0.188	0.187	19 / 11 / 2020	99	98	60	27	0
33	DAMANGANGA	79.86	79.40	0.502	0.456	19 / 11 / 2020	91	93	91	51	1
34	DANTIWADA	184.1	178.87	0.399	0.225	19 / 11 / 2020	56	36	42	45	0
35	PANAM	127.41	125.45	0.697	0.427	19 / 11 / 2020	61	79	73	36	2
*36	SARDAR SAROVAR	138.68	134.93	5.760	4.589	19 / 11 / 2020	80	96	35	2120	1450
37	KARIAN	115.25	114.52	0.523	0.493	19 / 11 / 2020	94	98	84	51	3
38	SUKHI(GUJ)	147.82	147.80	0.167	0.163	19 / 11 / 2020	98	98	67	20.7	0
39	WATRAK	136.25	135.24	0.154	0.110	19 / 11 / 2020	71	88	53	22.98	0
40	HATHMATI	180.74	180.65	0.153	0.146	19 / 11 / 2020	95	97	61	5.166	0
41	MACHCHHU-I	135.33	135.22	0.071	0.066	19 / 11 / 2020	93	97	68	0	0
42	MACHCHHU-II	57.3	56.90	0.091	0.077	19 / 11 / 2020	85	92	67	10.13	0
43	UND-I	98	97.89	0.066	0.064	19 / 11 / 2020	97	100	70	9.9	0
44	BRAHMANI(GUJ)	64.62	64.13	0.071	0.050	19 / 11 / 2020	70	76	46	6.413	0

WEEKLY REPORT OF 128 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 19.11.2020

S. NO	NAME OF RESERVOIR	FRL (m)	CURRENT RESERVOIR LEVEL (m)	LIVE CAPACITY AT FRL (BCM)	CURRENT LIVE STORAGE (BCM)	DATE	STORAGE AS % OF LIVE CAPACITY AT FRL			BENEFITS	
							CURRENT YEAR	LAST YEAR	LAST 10 YEARS AVERAGE	IRR. (CCA) IN TH. HA	HYD EL IN MW
1	2	4	6	5	7	8	9	10	11	3A	3B
MAHARASHTRA											
45	JAYAKWADI(PAITHAN)	463.91	463.91	2.171	2.171	19 / 11 / 2020	100	100	50	227	0
*46	KOYANA	657.90	658.83	2.652	2.652	19 / 11 / 2020	100	100	91	0	1920
47	BHIMA(UJJANI)	496.83	496.83	1.517	1.517	19 / 11 / 2020	100	100	84	125	12
48	ISAPUR	441.00	440.97	0.965	0.961	19 / 11 / 2020	100	79	66	104	0
49	MULA	552.30	552.30	0.609	0.609	19 / 11 / 2020	100	100	84	139	0
50	YELDARI	461.77	461.77	0.809	0.809	19 / 11 / 2020	100	100	53	78	0
51	GIRNA	398.07	398.07	0.524	0.524	19 / 11 / 2020	100	100	52	79	0
52	KHADAKVASLA	582.47	581.22	0.056	0.040	19 / 11 / 2020	71	88	73	78	8
*53	UPPER VAITARNA	603.50	603.38	0.331	0.328	19 / 11 / 2020	99	100	92	0	61
54	UPPER TAPI	214.00	214.00	0.255	0.255	19 / 11 / 2020	100	100	99	45	0
*55	PENCH(TOTLADOH)	490.00	489.60	1.091	0.986	16 / 11 / 2020	90	93	65	127	160
56	UPPER WARDHA	342.50	342.40	0.564	0.555	19 / 11 / 2020	98	100	87	70	0
57	BHATSA	142.07	139.44	0.942	0.871	18 / 11 / 2020	92	94	88	29.38	15
58	DHOM	747.70	747.58	0.331	0.328	19 / 11 / 2020	99	100	87	36.2	2
59	DUDHGANGA	646.00	645.71	0.664	0.664	19 / 11 / 2020	100	100	96	2.441	24
60	MANIKDOH	711.25	701.31	0.288	0.136	19 / 11 / 2020	47	89	59	2.2	6
61	BHANDARDARA	744.91	744.65	0.304	0.302	19 / 11 / 2020	99	100	91	63.74	46
62	URMODI	696.00	696.00	0.273	0.273	19 / 11 / 2020	100	100	91	37	3
63	BHATGHAR	623.28	623.19	0.673	0.663	19 / 11 / 2020	99	98	94	60.66	14.09
64	NIRA DEOGHAR	667.10	667.10	0.332	0.332	19 / 11 / 2020	100	100	90	0	6
*65	THOKARWADI	667.14	662.82	0.353	0.240	19 / 11 / 2020	68	100	75	0	72
66	KANHER	690.78	690.70	0.272	0.270	19 / 11 / 2020	99	100	89	44.78	4
*67	MULSHI	607.10	604.47	0.572	0.458	19 / 11 / 2020	80	81	75	0	300
68	SURYA	118.60	118.25	0.276	0.272	19 / 11 / 2020	99	96	97	18.32	6
69	TILLARI	113.20	111.74	0.447	0.425	19 / 11 / 2020	95	94	92	21.26	10
CENTRAL REGION											
UTTAR PRADESH											
70	MATATILA	308.46	304.59	0.707	0.269	19 / 11 / 2020	38	64	56	0	30
*71	RIHAND	268.22	263.72	5.649	3.717	19 / 11 / 2020	66	62	53	0	300
72	SHARDA SAGAR	190.50	189.78	0.330	0.330	19 / 11 / 2020	100	100	70	126.5	0
73	SIRSI	217.93	214.60	0.190	0.090	19 / 11 / 2020	47	89	60	80.57	0
74	MAUDAHA	147.80	144.50	0.179	0.075	19 / 11 / 2020	42	76	59	41.7	0
75	JIRGO	98.20	95.15	0.147	0.082	19 / 11 / 2020	56	79	51	13.14	0
76	RANGAWAN	233.17	227.38	0.155	0.053	19 / 11 / 2020	34	93	46	20.24	0
77	MEJA	178.00	169.44	0.299	0.137	19 / 11 / 2020	46	1	43	71.05	0
UTTRAKHAND											
*78	RAMGANGA	365.30	359.00	2.196	1.727	19 / 11 / 2020	79	72	76	1897	198
*79	TEHRI	830.00	823.70	2.615	2.359	19 / 11 / 2020	90	89	85	2351	1000
MADHYA PRADESH											
*80	GANDHI SAGAR	399.90	399.09	6.827	6.120	19 / 11 / 2020	90	95	68	220	115
81	TAWA	355.40	354.30	1.944	1.834	19 / 11 / 2020	94	100	86	247	0
*82	BARGI	422.76	422.40	3.180	3.102	19 / 11 / 2020	98	97	89	157	90
*83	BANSAGAR	341.64	340.53	5.166	4.670	19 / 11 / 2020	90	95	80	488	425
*84	INDIRA SAGAR	262.13	261.79	9.745	9.523	19 / 11 / 2020	98	99	76	2380	1000
85	BARNA DAM	348.55	348.17	0.456	0.428	19 / 11 / 2020	94	92	74	546	0
*86	OMKARESHWAR	196.60	195.96	0.299	0.217	19 / 11 / 2020	73	0	0	132.5	520
87	SANJAY SAROVAR	519.38	518.75	0.508	0.380	19 / 11 / 2020	75	80	66	12.65	3.45
88	KOLAR DAM	462.20	460.31	0.270	0.224	19 / 11 / 2020	83	99	60	25.68	0
CHHATTIS GARH											
*89	MINIMATA BANGO	359.66	357.20	3.046	2.477	19 / 11 / 2020	81	84	70	0	120
90	MAHANADI	348.70	348.61	0.767	0.758	19 / 11 / 2020	99	89	78	319	10
91	DUDHAWA	425.10	424.92	0.284	0.277	19 / 11 / 2020	98	76	54	324.5	0
92	TANDULA	332.20	328.76	0.312	0.166	18 / 11 / 2020	53	28	58	246.4	0

WEEKLY REPORT OF 128 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 19.11.2020

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>											
*93	SRISAILAM	269.75	269.17	8.288	5.702	19 / 11 / 2020	69	66	52	0	770
*94	NAGARJUNA SAGAR	179.83	179.68	5.108	5.066	19 / 11 / 2020	99	97	62	895	810
<u>ANDHRA PRADESH</u>											
95	SOMASILA	100.58	100.30	1.994	1.994	19 / 11 / 2020	100	98	68	168	0
96	YELERU	86.56	86.31	0.508	0.494	19 / 11 / 2020	97	97	65	66.6	0
<u>TELANGANA</u>											
97	SRIRAMSAGAR	332.54	332.54	2.300	2.300	19 / 11 / 2020	100	100	69	411	27
98	LOWER MANAIR	280.42	280.05	0.621	0.621	19 / 11 / 2020	100	94	64	199	60
99	NIZAM SAGAR	428.24	428.24	0.482	0.482	19 / 11 / 2020	100	24	53	93.62	10
100	SINGUR	523.6	523.54	0.822	0.813	19 / 11 / 2020	99	6	51	16.19	15
<u>KARNATAKA</u>											
101	KRISHNARAJA SAGARA	752.50	751.95	1.163	1.163	19 / 11 / 2020	100	100	76	79	0
*102	TUNGABHADRA	497.74	496.92	3.276	2.573	19 / 11 / 2020	79	84	61	529	72
103	GHATAPRABHA(HIDKAL)	662.95	662.94	1.391	1.387	19 / 11 / 2020	100	100	82	317	0
104	BHADRA	657.76	656.37	1.785	1.626	19 / 11 / 2020	91	98	80	106	39
105	LINGANAMAKKI	554.43	552.79	4.294	3.799	19 / 11 / 2020	88	96	77	0	55
106	NARAYANPUR	492.25	491.24	0.863	0.613	19 / 11 / 2020	71	80	74	425	0
107	MALAPRABHA(RENUKA)	633.83	633.57	0.972	0.939	19 / 11 / 2020	97	100	57	215	0
108	KABINI	696.66	693.95	0.444	0.322	19 / 11 / 2020	73	94	51	85	0
109	HEMAVATHY	890.63	887.83	0.927	0.780	19 / 11 / 2020	84	96	55	265	0
110	HARANGI	871.42	867.62	0.220	0.134	19 / 11 / 2020	61	75	43	53	0
111	SUPA	564.00	558.45	4.120	3.468	19 / 11 / 2020	84	97	69	0	0
112	VANI VILAS SAGAR	652.28	643.47	0.802	0.276	19 / 11 / 2020	34	31	18	123	0
*113	ALMATTI	519.60	519.38	3.105	3.029	19 / 11 / 2020	98	100	75	0	290
*114	GERUSOPPA	55.00	49.73	0.130	0.101	19 / 11 / 2020	78	77	82	83	240
*115	MANI DAM	594.36	588.36	0.884	0.583	19 / 11 / 2020	66	75	69	0	469
*116	TATTIHALLA	468.30	460.65	0.249	0.094	19 / 11 / 2020	38	51	40	0	0
<u>KERALA</u>											
117	KALLADA(PARAPPAR)	115.82	113.74	0.507	0.441	19 / 11 / 2020	87	89	79	62	0
*118	IDAMALAYAR	169.00	163.71	1.018	0.865	19 / 11 / 2020	85	79	74	33	75
*119	IDUKKI	732.43	729.50	1.460	1.298	19 / 11 / 2020	89	78	69	0	780
*120	KAKKI	981.46	978.36	0.447	0.393	19 / 11 / 2020	88	82	75	23	300
*121	PERIYAR	867.41	863.90	0.173	0.098	19 / 11 / 2020	57	64	55	84	140
122	MALAMPUZHA	115.06	114.60	0.224	0.210	19 / 11 / 2020	94	97	80	21.17	2.5
<u>TAMIL NADU</u>											
123	LOWER BHAWANI	278.89	277.60	0.792	0.723	19 / 11 / 2020	91	100	55	105	8
*124	METTUR(STANLEY)	240.79	233.53	2.647	1.698	19 / 11 / 2020	64	100	59	122	360
125	VAIGAI	279.20	273.36	0.172	0.063	19 / 11 / 2020	37	59	49	61	6
126	PARAMBIKULAM	556.26	555.54	0.380	0.364	19 / 11 / 2020	96	98	75	101	0
127	ALIYAR	320.04	318.47	0.095	0.085	19 / 11 / 2020	89	97	78	0	60
*128	SHOLAYAR	1002.79	1000.62	0.143	0.118	19 / 11 / 2020	83	89	70	0	95
TOTAL FOR 128 RESERVOIRS				172.132	141.666						
PERCENTAGE								82	88	70	

Sd/-

Director

W. M. , CWC

* HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

TOTAL CCA 101 TH. HA OF PARAMBIKULAM & ALIYAR

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

† SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

19.11.2020

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

S. NO.	STATE	NO. OF RESERVOI RS MONITOR	LIVE CAPACITY AT FRL (BCM)	CHANGE IN STORAGE (BCM)		
				CURRENT YEAR	LAST YEAR	10 YRS AVG.

NORTHERN REGION						
1	H.P.	3	12.48	-0.20	-0.21	-0.48
2	PUNJAB	1	2.34	-0.03	0.00	-0.04
3	RAJASTHAN	4	4.36	-0.14	-0.19	-0.12
SUB-TOTAL		8	19.17	-0.37	-0.40	-0.64

EASTERN REGION						
1	JHARKHAND	6	2.01	-0.02	-0.01	0.03
2	ORISSA	9	15.39	-0.26	0.41	0.65
3	W. BENGAL	2	1.39	0.00	0.01	0.09
4	TRIPURA	1	0.31	0.00	0.00	-0.01
5	NAGALAND	1	0.54	0.01	-0.01	-0.01
SUB-TOTAL		19	19.65	-0.28	0.40	0.76

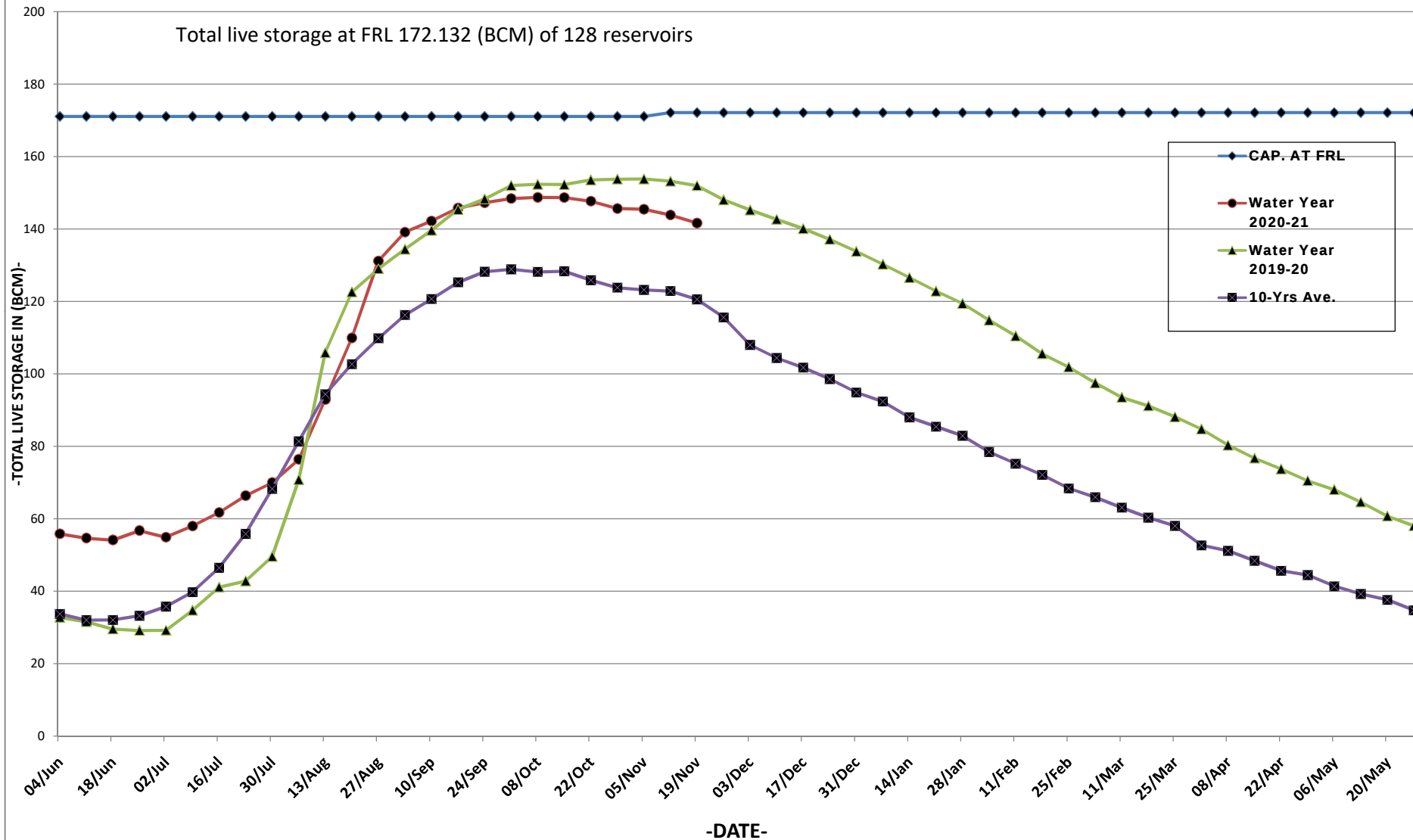
WESTERN REGION						
1	GUJARAT	17	17.96	-0.20	-0.17	-0.38
2	MAH.	25	17.27	-0.08	0.02	-0.34
SUB-TOTAL		42	35.24	-0.28	-0.15	-0.71

CENTRAL REGION						
1	U.P.	8	7.66	-0.10	0.03	-0.07
2	UTTARAKHAND	2	4.81	-0.06	-0.04	-0.02
3	M.P.	9	28.40	-0.46	-0.33	-0.63
4	CHHATISGARH	4	4.41	-0.01	0.00	-0.06
SUB-TOTAL		23	45.27	-0.62	-0.34	-0.78

SOUTHERN REGION						
1	AP&TG	2	13.40	-0.20	-0.26	-0.35
2	A.P	2	2.50	0.01	-0.04	0.06
3	TELANGANA	4	4.23	-0.01	-0.02	-0.01
4	KARNATAKA	16	24.63	-0.54	-0.41	-0.66
5	KERALA	6	3.83	0.03	0.02	-0.01
6	T.N.	6	4.23	0.05	-0.02	0.05
SUB-TOTAL		36	52.81	-0.66	-0.73	-0.92
COUNTRY AS A WHOLE		128	172.13	-2.22	-1.22	-2.30

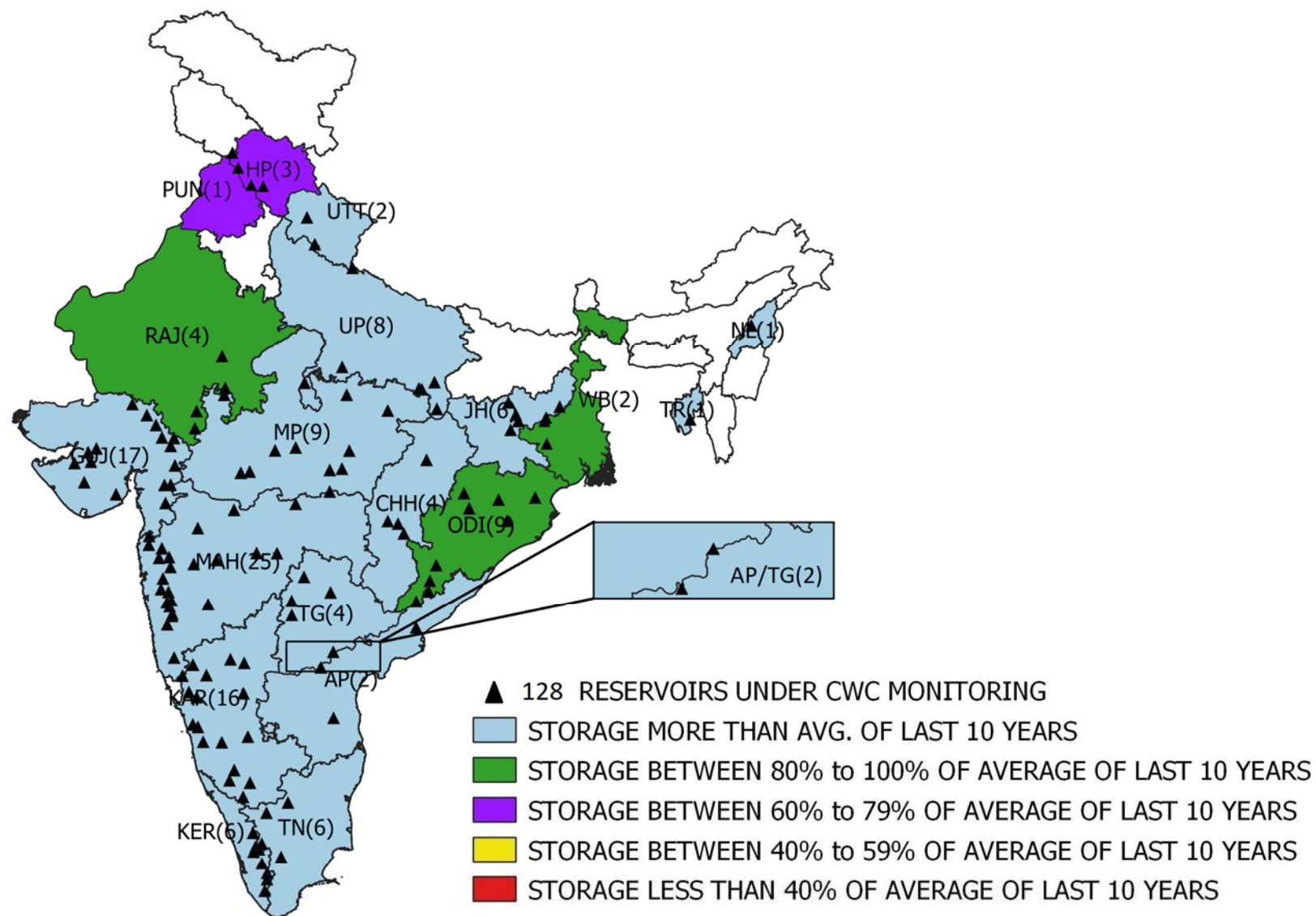
STORAGE POSITION OF 128 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2020-2021)

AS on 19.11.2020



Map Indicating Statewise Storage Position

As on 19.11.2020



WEEKLY REPORT OF 128 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

19.11.2020

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	8.288	19 / 11 / 2020	269.17	5.702	69	268.77	5.507	66	4.294	52	104	133
*2	NAGARJUNA SAGAR	AP/TG	895	810	179.83	5.108	19 / 11 / 2020	179.68	5.066	99	179.31	4.965	97	3.143	62	102	161
3	SOMASILA	AP	168	0	100.58	1.994	19 / 11 / 2020	100.30	1.994	100	99.33	1.951	98	1.360	68	102	147
4	YELERU	AP	66.6	0	86.56	0.508	19 / 11 / 2020	86.31	0.494	97	86.29	0.493	97	0.332	65	100	149
5	SRIRAMSAGAR	TG	411	27	332.54	2.3	19 / 11 / 2020	332.54	2.300	100	332.51	2.300	100	1.590	69	100	145
6	LOWER MANAIR	TG	199	60	280.42	0.621	19 / 11 / 2020	280.05	0.621	100	279.20	0.586	94	0.400	64	106	155
7	NIZAM SAGAR	TG	93.619	10	428.24	0.482	19 / 11 / 2020	428.24	0.482	100	423.70	0.116	24	0.254	53	416	190
8	SINGUR	TG	16.187	15	523.6	0.822	19 / 11 / 2020	523.54	0.813	99	512.40	0.047	6	0.420	51	1730	194
9	TENUGHAT	JHA	0	0	269.14	0.821	19 / 11 / 2020	259.95	0.415	51	260.30	0.429	52	0.391	48	97	106
10	MAITHON	JHA	342	0	146.3	0.471	19 / 11 / 2020	149.00	0.471	100	149.92	0.471	100	0.416	88	100	113
*11	PANCHET HILL	JHA	0	80	124.97	0.184	19 / 11 / 2020	127.60	0.184	100	128.73	0.184	100	0.169	92	100	109
12	KONAR	JHA	0	0	425.81	0.176	19 / 11 / 2020	425.50	0.170	97	425.50	0.170	97	0.151	86	100	113
13	TILAIYA	JHA	0	4	368.81	0.142	19 / 11 / 2020	368.40	0.127	89	368.49	0.130	92	0.110	77	98	115
*14	GETALSUD	JHA	0	130	590.06	0.218	19 / 11 / 2020	586.45	0.112	51	588.08	0.155	71	0.123	56	72	91
*15	UKAI	GUJ	348	300	105.16	6.615	19 / 11 / 2020	104.50	6.344	96	105.14	6.615	100	4.905	74	96	129
16	SABARMATI(DHAROI)	GUJ	95	1	189.59	0.735	19 / 11 / 2020	188.92	0.675	92	189.43	0.729	99	0.539	73	93	125
*17	KADANA	GUJ	200	120	127.7	1.472	19 / 11 / 2020	127.46	1.166	79	127.71	1.192	81	1.065	72	98	109
18	SHESTRUNJI	GUJ	36	0	55.53	0.3	19 / 11 / 2020	55.47	0.295	98	55.22	0.275	92	0.200	67	107	148
19	BHADAR	GUJ	27	0	107.89	0.188	19 / 11 / 2020	107.88	0.187	99	107.83	0.185	98	0.112	60	101	167
20	DAMANGANGA	GUJ	51	1	79.86	0.502	19 / 11 / 2020	79.40	0.456	91	79.60	0.466	93	0.455	91	98	100
21	DANTIWADA	GUJ	45	0	184.1	0.399	19 / 11 / 2020	178.87	0.225	56	175.78	0.145	36	0.167	42	155	135
22	PANAM	GUJ	36	2	127.41	0.697	19 / 11 / 2020	125.45	0.427	61	127.41	0.553	79	0.510	73	77	84
*23	SARDAR SAROVAR	GUJ	2120	1450	138.68	5.76	19 / 11 / 2020	134.93	4.589	80	138.24	5.554	96	1.988	35	83	231
24	KARJAN	GUJ	51	3	115.25	0.523	19 / 11 / 2020	114.52	0.493	94	115.09	0.510	98	0.439	84	97	112
25	SUKHI(GUJ)	GUJ	20.701	0	147.82	0.167	19 / 11 / 2020	147.80	0.163	98	147.82	0.163	98	0.112	67	100	146
26	WATRAK	GUJ	22.977	0	136.25	0.154	19 / 11 / 2020	135.24	0.110	71	136.25	0.135	88	0.081	53	81	136
27	HATHMATI	GUJ	5.166	0	180.74	0.153	19 / 11 / 2020	180.65	0.146	95	180.75	0.149	97	0.094	61	98	155
28	MACHCHHU-I	GUJ	0	0	135.33	0.071	19 / 11 / 2020	135.22	0.066	93	135.31	0.069	97	0.048	68	96	138
29	MACHCHHU-II	GUJ	10.13	0	57.3	0.091	19 / 11 / 2020	56.90	0.077	85	57.30	0.084	92	0.061	67	92	126
30	UND-I	GUJ	9.9	0	98	0.066	19 / 11 / 2020	97.89	0.064	97	98.00	0.066	100	0.046	70	97	139
31	BRAHMANI(GUJ)	GUJ	6.413	0	64.62	0.071	19 / 11 / 2020	64.13	0.050	70	64.42	0.054	76	0.033	46	93	152
*32	GOBIND SAGAR(BHAKRA)	HP	676	1379	512.06	6.229	19 / 11 / 2020	497.80	3.566	57	505.31	4.609	74	4.989	80	77	71
*33	PONG DAM(BEAS)	HP	0	396	423.67	6.157	19 / 11 / 2020	414.04	3.652	59	419.80	4.868	79	4.375	71	75	83
*34	KOL DAM	HP	0	800	642	0.089	19 / 11 / 2020	641.75	0.085	96	641.57	0.082	92	0.080	90	104	106
35	KRISHNARAJA SAGARA	KAR	79	0	752.5	1.163	19 / 11 / 2020	751.95	1.163	100	752.50	1.163	100	0.888	76	100	131
*36	TUNGABHADRA	KAR	529	72	497.74	3.276	19 / 11 / 2020	496.92	2.573	79	497.49	2.768	84	2.006	61	93	128
37	GHATAPRABHA(HIDKAL)	KAR	317	0	662.95	1.391	19 / 11 / 2020	662.94	1.387	100	662.94	1.387	100	1.136	82	100	122
38	BHADRA	KAR	106	39	657.76	1.785	19 / 11 / 2020	656.37	1.626	91	657.48	1.752	98	1.422	80	93	114
39	LINGANAMAKKI	KAR	0	55	554.43	4.294	19 / 11 / 2020	552.79	3.799	88	553.82	4.108	96	3.311	77	92	115
40	NARAYANPUR	KAR	425	0	492.25	0.863	19 / 11 / 2020	491.24	0.613	71	491.88	0.692	80	0.637	74	89	96
41	MALAPRABHA(RENUKA)	KAR	215	0	633.83	0.972	19 / 11 / 2020	633.57	0.939	97	633.83	0.972	100	0.554	57	97	169
42	KABINI	KAR	85	0	696.66	0.444	19 / 11 / 2020	693.95	0.322	73	695.74	0.419	94	0.225	51	77	143
43	HEMAVATHY	KAR	265	0	890.63	0.927	19 / 11 / 2020	887.83	0.780	84	889.23	0.891	96	0.513	55	88	152
44	HARANGI	KAR	53	0	871.42	0.22	19 / 11 / 2020	867.62	0.134	61	869.10	0.164	75	0.095	43	82	141
45	SUPA	KAR	0	0	564	4.12	19 / 11 / 2020	558.45	3.468	84	563.07	4.002	97	2.857	69	87	121
46	VANI VILAS SAGAR	KAR	123	0	652.28	0.802	19 / 11 / 2020	643.47	0.276	34	642.58	0.245	31	0.142	18	113	194
*47	ALMATTI	KAR	0	290	519.6	3.105	19 / 11 / 2020	519.38	3.029	98	519.60	3.105	100	2.316	75	98	131
*48	GERUSOPPA	KAR	83	240	55	0.13	19 / 11 / 2020	49.73	0.101	78	49.71	0.100	77	0.107	82	101	94
*49	MANI DAM	KAR	0	469	594.36	0.884	19 / 11 / 2020	588.36	0.583	66	590.16	0.666	75	0.607	69	88	96
50	TATTIHALLA	KAR	0	0	468.3	0.249	19 / 11 / 2020	460.65	0.094	38	462.80	0.127	51	0.100	40	74	94
*51	KALLADA(PARAPPAR)	KRL	62	0	115.82	0.507	19 / 11 / 2020	113.74	0.441	87	114.11	0.449	89	0.401	79	98	110
*52	IDAMALAYAR	KRL	33	75	169	1.018	19 / 11 / 2020	163.71	0.865	85	161.64	0.806	79	0.756	74	107	114

WEEKLY REPORT OF 128 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

19.11.2020

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
*53	IDUKKI	KRL	0	780	732.43	1.46	19 / 11 / 2020	729.50	1.298	89	726.67	1.144	78	1.009	69	113	129
*54	KAKKI	KRL	23	300	981.46	0.447	19 / 11 / 2020	978.36	0.393	88	976.59	0.366	82	0.334	75	107	118
*55	PERIYAR	KRL	84	140	867.41	0.173	19 / 11 / 2020	863.90	0.098	57	864.72	0.110	64	0.096	55	89	102
56	MALAMPUZHA	KRL	21.165	2.5	115.06	0.224	19 / 11 / 2020	114.60	0.210	94	114.92	0.217	97	0.180	80	97	117
*57	GANDHI SAGAR	MP	220	115	399.9	6.827	19 / 11 / 2020	399.09	6.120	90	399.66	6.466	95	4.624	68	95	132
58	TAWA	MP	247	0	355.4	1.944	19 / 11 / 2020	354.30	1.834	94	355.21	1.944	100	1.675	86	94	109
*59	BARGI	MP	157	90	422.76	3.18	19 / 11 / 2020	422.40	3.102	98	422.30	3.079	97	2.837	89	101	109
*60	BANSAGAR	MP	488	425	341.64	5.166	19 / 11 / 2020	340.53	4.670	90	341.02	4.894	95	4.143	80	95	113
*61	INDIRA SAGAR	MP	2380	1000	262.13	9.745	19 / 11 / 2020	261.79	9.523	98	262.02	9.679	99	7.450	76	98	128
62	BARNA DAM	MP	546	0	348.55	0.456	19 / 11 / 2020	348.17	0.428	94	348.02	0.418	92	0.339	74	102	126
*63	OMKARESHWAR	MP	132.5	520	196.6	0.299	19 / 11 / 2020	195.96	0.217	73	196.52	0.267	0	0.027	0	100	100
64	SANJAY SAROVAR	MP	12.646	3.45	519.38	0.508	19 / 11 / 2020	518.75	0.380	75	519.25	0.404	80	0.333	66	94	114
65	KOLAR DAM	MP	25.677	0	462.2	0.27	19 / 11 / 2020	460.31	0.224	83	462.26	0.267	99	0.161	60	84	139
*66	MINIMATA BANGO	CHH	0	120	359.66	3.046	19 / 11 / 2020	357.20	2.477	81	357.64	2.549	84	2.142	70	97	116
67	MAHANADI	CHH	319	10	348.7	0.767	19 / 11 / 2020	348.61	0.758	99	347.79	0.680	89	0.596	78	111	127
68	DUDHAWA	CHH	324.535	0	425.1	0.284	19 / 11 / 2020	424.92	0.277	98	423.47	0.217	76	0.152	54	128	182
69	TANDULA	CHH	246.36	0	332.2	0.312	18 / 11 / 2020	328.76	0.166	53	326.28	0.088	28	0.182	58	189	91
70	JAYAKWADI(PAITHAN)	MAH	227	0	463.91	2.171	19 / 11 / 2020	463.91	2.171	100	463.91	2.171	100	1.077	50	100	202
*71	KOYANA	MAH	0	1920	657.9	2.652	19 / 11 / 2020	658.83	2.652	100	658.82	2.652	100	2.412	91	100	110
72	BHIMA(UJJANI)	MAH	125	12	496.83	1.517	19 / 11 / 2020	496.83	1.517	100	497.33	1.517	100	1.270	84	100	119
73	ISAPUR	MAH	104	0	441	0.965	19 / 11 / 2020	440.97	0.961	100	438.72	0.758	79	0.634	66	127	152
74	MULA	MAH	139	0	552.3	0.609	19 / 11 / 2020	552.30	0.609	100	552.29	0.609	100	0.510	84	100	119
75	YELDARI	MAH	78	0	461.77	0.809	19 / 11 / 2020	461.77	0.809	100	461.76	0.808	100	0.432	53	100	187
76	GIRNA	MAH	79	0	398.07	0.524	19 / 11 / 2020	398.07	0.524	100	398.07	0.524	100	0.272	52	100	193
77	KHADAKVASLA	MAH	78	8	582.47	0.056	19 / 11 / 2020	581.22	0.040	71	581.95	0.049	88	0.041	73	82	98
*78	UPPER VAITARNA	MAH	0	61	603.5	0.331	19 / 11 / 2020	603.38	0.328	99	603.50	0.331	100	0.305	92	99	108
79	UPPER TAPI	MAH	45	0	214	0.255	19 / 11 / 2020	214.00	0.255	100	214.00	0.255	100	0.252	99	100	101
*80	PENCH(TOTLADOH)	MAH	127	160	490	1.091	16 / 11 / 2020	489.60	0.986	90	489.94	1.012	93	0.704	65	97	140
81	UPPER WARDHA	MAH	70	0	342.5	0.564	19 / 11 / 2020	342.40	0.555	98	342.48	0.562	100	0.493	87	99	113
82	BHATSA	MAH	29.378	15	142.07	0.942	18 / 11 / 2020	139.44	0.871	92	140.05	0.887	94	0.832	88	98	105
83	DHOM	MAH	36.2	2	747.7	0.331	19 / 11 / 2020	747.58	0.328	99	747.70	0.331	100	0.288	87	99	114
84	DUDHGANGA	MAH	2.441	24	646	0.664	19 / 11 / 2020	645.71	0.664	100	646.00	0.664	100	0.640	96	100	104
85	MANIKDOH	MAH	2.2	6	711.25	0.288	19 / 11 / 2020	701.31	0.136	47	709.43	0.256	89	0.169	59	53	80
86	BHANDARDARA	MAH	63.74	46	744.91	0.304	19 / 11 / 2020	744.65	0.302	99	744.73	0.304	100	0.276	91	99	109
87	URMODI	MAH	37	3	696	0.273	19 / 11 / 2020	696.00	0.273	100	696.00	0.273	100	0.248	91	100	110
88	BHATGHAR	MAH	60.656	14.09	623.28	0.673	19 / 11 / 2020	623.19	0.663	99	623.15	0.661	98	0.631	94	100	105
89	NIRA DEOGHAR	MAH	0	6	667.1	0.332	19 / 11 / 2020	667.10	0.332	100	667.10	0.332	100	0.298	90	100	111
*90	THOKARWADI	MAH	0	72	667.14	0.353	19 / 11 / 2020	662.82	0.240	68	667.12	0.352	100	0.263	75	68	91
91	KANHER	MAH	44.78	4	690.78	0.272	19 / 11 / 2020	690.70	0.270	99	690.78	0.272	100	0.242	89	99	112
*92	MULSHI	MAH	0	300	607.1	0.572	19 / 11 / 2020	604.47	0.458	80	604.50	0.465	81	0.429	75	98	107
93	SURYA	MAH	18.324	6	118.6	0.276	19 / 11 / 2020	118.25	0.272	99	117.80	0.265	96	0.268	97	103	101
94	TILLARI	MAH	21.26	10	113.2	0.447	19 / 11 / 2020	111.74	0.425	95	111.48	0.420	94	0.410	92	101	104
*95	DOYANG HEP	NAG	0	75	333	0.535	19 / 11 / 2020	323.60	0.379	71	321.59	0.350	65	0.325	61	108	117
*96	HIRAKUD	ORI	153	307	192.02	5.378	19 / 11 / 2020	191.33	4.384	82	192.01	4.818	90	4.700	87	91	93
*97	BALIMELA	ORI	0	360	462.08	2.676	19 / 11 / 2020	457.63	1.915	72	461.19	2.505	94	2.239	84	76	86
98	SALANADI	ORI	42	0	82.3	0.558	16 / 11 / 2020	69.70	0.211	38	75.37	0.346	62	0.226	41	61	93
*99	RENGALI	ORI	3	200	123.5	3.432	19 / 11 / 2020	120.26	2.401	70	450.13	3.432	100	3.038	89	70	79
*100	MACHKUND(JALAPUT)	ORI	0	115	838.16	0.893	19 / 11 / 2020	837.88	0.863	97	837.74	0.851	95	0.832	93	101	104
*101	UPPER KOLAB	ORI	89	320	858	0.935	19 / 11 / 2020	852.73	0.482	52	857.15	0.855	91	0.692	74	56	70
*102	UPPER INDRAVATI	ORI	128	600	642	1.456	19 / 11 / 2020	637.55	0.995	68	640.45	1.283	88	1.082	74	78	92
103	SAPUA	ORI	0	0	168.5	0.006	19 / 11 / 2020	168.53	0.006	100	168.55	0.006	100	0.004	67	100	150
104	HARIHARJHOR	ORI	9.95	0	147.5	0.059	19 / 11 / 2020	145.72	0.048	81	146.23	0.052	88	0.037	63	92	130

WEEKLY REPORT OF 128 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

19.11.2020

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
*105	THEIN DAM	PUN	348	600	527.91	2.344	19 / 11 / 2020	507.61	1.031	44	521.05	1.841	79	1.485	63	56	69
*106	MAHI BAJAJ SAGAR	RAJ	63	140	280.75	1.711	19 / 11 / 2020	281.00	1.711	100	281.50	1.711	100	1.599	93	100	107
107	JHAKAM	RAJ	28	0	359.5	0.132	19 / 11 / 2020	358.60	0.123	93	359.50	0.132	100	0.115	87	93	107
*108	RANA PRATAP SAGAR	RAJ	229	172	352.81	1.436	19 / 11 / 2020	349.13	0.763	53	351.68	1.220	85	0.790	55	63	97
109	BISALPUR	RAJ	81.8	0	315.5	1.076	19 / 11 / 2020	312.81	0.610	57	315.50	1.076	100	0.727	68	57	84
110	LOWER BHAWANI	TN	105	8	278.89	0.792	19 / 11 / 2020	277.60	0.723	91	280.42	0.792	100	0.432	55	91	167
*111	METTUR(STANLEY)	TN	122	360	240.79	2.647	19 / 11 / 2020	233.53	1.698	64	240.80	2.647	100	1.554	59	64	109
112	VAIGAI	TN	61	6	279.2	0.172	19 / 11 / 2020	273.36	0.063	37	275.83	0.102	59	0.085	49	62	74
113	PARAMBIKULAM	TN	101	0	556.26	0.38	19 / 11 / 2020	555.54	0.364	96	555.93	0.373	98	0.284	75	98	128
114	ALIYAR	TN	0	60	320.04	0.095	19 / 11 / 2020	318.47	0.085	89	319.57	0.092	97	0.074	78	92	115
*115	SHOLAYAR	TN	0	95	1002.79	0.143	19 / 11 / 2020	1000.62	0.118	83	1002.50	0.127	89	0.100	70	93	118
116	GUMTI	TRP	0	15	93.55	0.312	18 / 11 / 2020	93.45	0.308	99	89.80	0.151	48	0.185	59	204	166
117	MATATILA	UP	0	30	308.46	0.707	19 / 11 / 2020	304.59	0.269	38	306.66	0.452	64	0.398	56	60	68
*118	RIHAND	UP	0	300	268.22	5.649	19 / 11 / 2020	263.72	3.717	66	263.26	3.528	62	2.995	53	105	124
119	SHARDA SAGAR	UP	126.5	0	190.5	0.33	19 / 11 / 2020	189.78	0.330	100	189.36	0.330	100	0.232	70	100	142
120	SIRSI	UP	80.566	0	217.93	0.19	19 / 11 / 2020	214.60	0.090	47	217.29	0.169	89	0.114	60	53	79
121	MAUDAHA	UP	41.7	0	147.8	0.179	19 / 11 / 2020	144.50	0.075	42	146.50	0.136	76	0.105	59	55	71
122	JIRGO	UP	13.14	0	98.2	0.147	19 / 11 / 2020	95.15	0.082	56	96.85	0.116	79	0.075	51	71	109
123	RANGAWAN	UP	20.235	0	233.17	0.155	19 / 11 / 2020	227.38	0.053	34	232.65	0.144	93	0.071	46	37	75
124	MEJA	UP	71.048	0	178	0.299	19 / 11 / 2020	169.44	0.137	46	153.92	0.003	1	0.128	43	4567	107
*125	RAMGANGA	UKH	1897	198	365.3	2.196	19 / 11 / 2020	359.00	1.727	79	356.89	1.578	72	1.678	76	109	103
*126	TEHRI	UKH	2351	1000	830	2.615	19 / 11 / 2020	823.70	2.359	90	823.23	2.336	89	2.216	85	101	106
127	MAYURAKSHI	WB	227	0	121.31	0.48	19 / 11 / 2020	117.27	0.297	62	118.74	0.368	77	0.248	52	81	120
128	KANGSABATI	WB	341	0	134.14	0.914	19 / 11 / 2020	128.32	0.453	50	131.49	0.703	77	0.514	56	64	88
TOTAL FOR 128 RESERVOIRS			21674.5	18734.04		172.132		141.666		151.967		120.580					
PERCENTAGE								82		88		70				93	117

* HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

TOTAL CCA 101 TH. HA OF PARAMBIKULAM & ALIYAR

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

† SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

Sd/-
Director
W. M. , CWC