

BRIEF NOTE ON LIVE STORAGE STATUS OF 120 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 21.11.2019)

1. ALL INDIA STATUS

Central Water Commission is monitoring live storage status of 120 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 120 reservoirs is **170.328 BCM** which is about **66.06%** 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 **21.11.2019**, live storage available in these reservoirs is **149.481 BCM**, which is **88%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **106.65 BCM** and the average of last 10 years live storage was **112.70 BCM**. Thus, the live storage available in 120 reservoirs as per **21.11.2019 Bulletin** is **140%** of the live storage of corresponding period of last year and **133%** 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 8 reservoirs under CWC monitoring having total live storage capacity of 19.17 BCM. As per Reservoir Storage Bulletin dated **21.11.2019**, the total live storage available in these reservoirs is **14.48 BCM** which is **76%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **79%** 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 corresponding period of last year but it is 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 and Nagaland. There are 17 reservoirs under CWC monitoring having total live storage capacity of 19.37 BCM. As per Reservoir Storage Bulletin dated **21.11.2019**, the total live storage available in these reservoirs is **17.04 BCM** which is **88%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **68%** and average storage of last ten years during corresponding period was **74%** 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.

c) WESTERN REGION

The Western region includes States of Gujarat and Maharashtra. There are 41 reservoirs under CWC monitoring having total live storage capacity of 34.84 BCM. As per Reservoir Storage Bulletin dated **21.11.2019**, the total live storage available in these reservoirs is **33.26 BCM** which is **95%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **52%** and average storage of last ten years during corresponding period was **63%** of live storage capacity of these reservoirs. Thus, storage during current year is 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 18 reservoirs under CWC monitoring having total live storage capacity of 44.14 BCM. As per Reservoir Storage Bulletin dated **21.11.2019**, the total live storage available in these reservoirs is **39.17 BCM** which is **89%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **68%** and average storage of last ten years during corresponding period was **68%** 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 36 reservoirs under CWC monitoring having total live storage capacity of 52.81 BCM. As per Reservoir Storage Bulletin dated **21.11.2019**, the total live storage available in these reservoirs is **45.53 BCM** which is **86%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **57%** and average storage of last ten years during corresponding period was **63%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the corresponding period of last year and is also better than the average storage of last ten years during the corresponding period.

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

BROAD ANALYSIS OF OTHER TABLES IN THE BULLETIN

- Normal storage means average storage of last ten years, Close to normal storage means where shortfall is upto 20% of normal, deficient storage is where shortfall is more than 20% of the normal and upto 60% of the normal, highly deficient means where shortfall is more than 60% of normal.
- In the table on page 11, better than normal storage is available in Narmada, Tapi, Mahi, Sabarmati, Rivers of Kutch, Godavari, Krishna, Cauvery & neighbouring EFRs, Ganga and Mahanadi & Neighbouring East Flowing Rivers and West Flowing Rivers of South. Close to Normal in Indus and NIL in Deficient and in Highly Deficient.
- Table on page 12-14 of the bulletin. The numbers of reservoirs having storage more than last year are **104** and reservoirs having storage more than average of last ten years are **112** 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 **2**. 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 **3**.

States having better storage (in %) than last year for corresponding period:

Rajasthan, Jharkhand, Odisha, West Bengal, Nagaland, Gujarat, Maharashtra, Uttar Pradesh, Uttarakhand, Madhya Pradesh, Chhattisgarh, AP&TG (Two combined projects in both states), Andhra Pradesh, Telangana, Karnataka, Kerala and Tamil Nadu.

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

States having lesser storage (in %) than last year for corresponding period: Himachal Pradesh, Punjab and Tripura,

STORAGE STATUS OF IMPORTANT RESERVOIRS IN THE COUNTRY

AS ON : 21.11.2019

- 1 Central Water Commission is monitoring storage status of 120 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.
- 2 The total live storage in 120 important reservoirs in different parts of the country, monitored by CWC as on **21.11.2019** is **149.481** BCM (**88** percent of the live storage capacity at FRL).The current year's storage is nearly **140** percent of last year's storage and **133** percent of the average of last ten years.

3 Region wise storage status:-

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 120 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.)	2	1	2	2	1	-	-	-	H.P.	-7 %
									PUNJAB	37 %
									RAJASTHAN	40 %
EAST (Jharkhand,Odisha, Tripura, Nagaland & W.Bengal) (17 Resv.)	4	5	2	2	2	1	1	-	JHARKHAND	16 %
									ODISHA	18 %
									W. BENGAL	76 %
									TRIPURA	-19 %
									NAGALAND	8 %
WEST (Guj.& Mah.), (41 Resv.)	18	15	3	4	-	-	-	1	GUJARAT	75 %
									MAH.	34 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (18 Resv)	2	6	4	4	2	-	-	-	U.P.	26 %
									UTTARAKHAND	5 %
									M.P.	37 %
									CHHATISGARH	27 %
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (36 Resv.)	7	12	5	5	2	1	1	3	AP&TG	37 %
									A.P	50 %
									TELANGANA	26 %
									KARNATAKA	38 %
									KERALA	11 %
									T.N.	71 %
Status of 120 reservoirs	33	39	16	17	7	2	2	4		

4 Basin wise storage position:

Better than normal:

Ganga, Narmada ,Tapi, Mahi,Sabarmati, Rivers of Kutch , Godavari, Krishna, Mahanadi & Neighbouring East Flowing Rivers, Cauvery & neighbouring EFRs. and West Flowing Rivers of South.

Close to normal: Indus

Deficient: NIL

Highly deficient: NIL

5 Out of 120 reservoirs, **117** reservoirs reported more than 80% of normal storage & **3** reservoirs reported 80% or below of normal storage. Out of these **3** reservoirs **3** having storage upto 50% of normal storage.

Name of reservoir	%
OMKARESHWAR	0
SINGUR	10
NIZAM SAGAR	47

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

6 Out of **44** reservoirs with significant(*) hydropower generation, the storage build up is less than or equal to normal in **4** reservoirs.

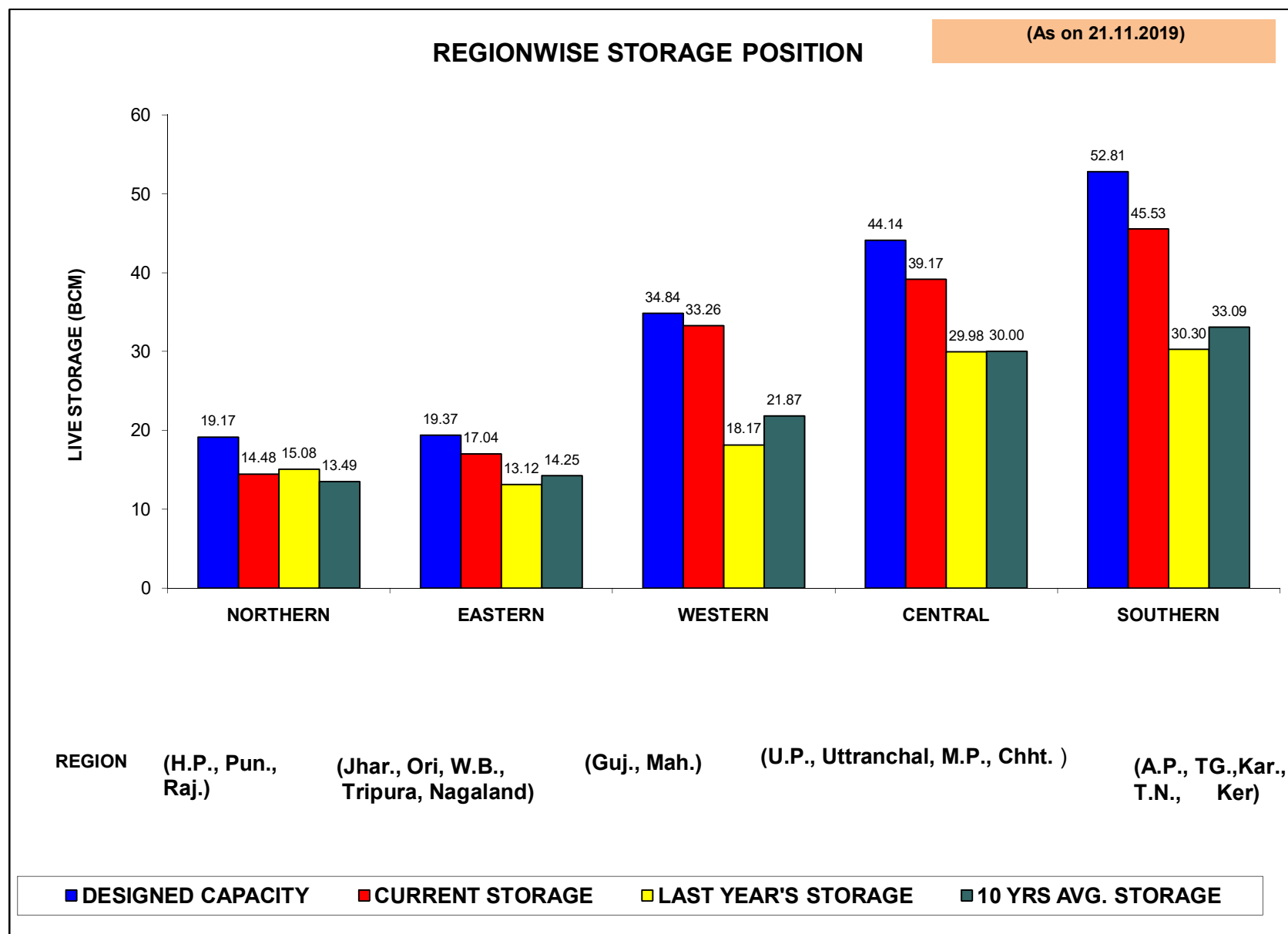
NOTE : **Normal:** Average of previous ten years, **Close to normal:** Where shortfall is up to 20% of the normal,

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
21.11.2019

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	8.54	10.62	9.20	68	85	74	-7
2	PUNJAB	1	2.34	1.84	1.88	1.35	79	80	57	37
3	RAJASTHAN	4	4.36	4.10	2.58	2.94	94	59	67	40
SUB-TOTAL		8	19.17	14.48	15.08	13.49	76	79	70	7
EASTERN REGION										
1	JHARKHAND	5	1.79	1.39	1.03	1.19	77	57	66	16
2	ODISHA	8	15.33	14.09	11.14	11.94	92	73	78	18
3	W. BENGAL	2	1.39	1.07	0.46	0.61	77	33	44	76
4	TRIPURA	1	0.31	0.15	0.24	0.19	48	76	60	-19
5	NAGALAND	1	0.54	0.35	0.27	0.32	65	50	60	8
SUB-TOTAL		17	19.37	17.04	13.12	14.25	88	68	74	20
WESTERN REGION										
1	GUJARAT	17	17.96	16.92	8.02	9.70	94	45	54	75
2	MAH.	24	16.88	16.34	10.15	12.17	97	60	72	34
SUB-TOTAL		41	34.84	33.26	18.17	21.87	95	52	63	52
CENTRAL REGION										
1	U.P.	4	6.83	4.41	3.76	3.51	65	55	51	26
2	UTTARAKHAND	2	4.81	3.90	3.82	3.71	81	79	77	5
3	M.P.	9	28.40	27.41	19.79	20.08	97	70	71	37
4	CHHATISGARH	3	4.10	3.45	2.61	2.71	84	64	66	27
SUB-TOTAL		18	44.14	39.17	29.98	30.00	89	68	68	31
SOUTHERN REGION										
1	AP&TG	2	13.40	10.38	4.93	7.58	77	37	57	37
2	A.P	2	2.50	2.44	1.54	1.63	98	62	65	50
3	TELANGANA	4	4.23	3.04	1.30	2.41	72	31	57	26
4	KARNATAKA	16	24.63	22.45	16.30	16.27	91	66	66	38
5	KERALA	6	3.83	3.10	2.91	2.79	81	76	73	11
6	T.N.	6	4.23	4.13	3.33	2.42	98	79	57	71
SUB-TOTAL		36	52.81	45.53	30.30	33.09	86	57	63	38
COUNTRY AS A WHOLE		120	170.33	149.48	106.65	112.70	88	63	66	33



**Table-02 STATEWISE DISTRIBUTION OF PROJECTS HAVING
STORAGE 80% OR LESS OF AVG. OF LAST 10 YRS' STORAGE AS
ON:
21.11.2019**

STATE	TOTAL NO OF PROJECTS MONITORE D	PROJECTS HAVING DEFICIENCY MORE THAN 20% OF AVG. OF LAST 10 YRS.	Current Year's Storage as %age of NORMAL
Telengana	4	NIZAM SAGAR	47
		SINGUR	10
Mahaya Pradesh	9	OMKARESHWAR	0

Statewise distribution of projects having storage 50% or less of avg.

Of last 10 yrs' storage as on:

21.11.2019

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
Telengana	4	NIZAM SAGAR	47
		SINGUR	10
Mahaya Pradesh	9	OMKARESHWAR	0

IMD SUB-DIVISIONS HAVING LOW RAINFALL (80% or LESS THAN 80% OF NORMAL) AND STORAGE IN RESERVOIRS FALLING UNDER THESE AREAS AS ON:						
21.11.2019						
RAINFALL POSITION*			STORAGE POSITION			
Meteorological Sub-Divisions	CUMULATIVE RAINFALL (mm) (1st October to 13th Nov 2019)	%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
Andaman & Nicobar Islands	249	-36	No reservoir monitored by CWC falls under this IMD sub-Division			
Arunachal Pradesh	119	-42	No reservoir monitored by CWC falls under this IMD sub-Division			
Sub- Himalayan West Bengal & Sikkim	116	-29	No reservoir monitored by CWC falls under this IMD sub-Division			
Bihar	25	-61	No reservoir monitored by CWC falls under this IMD sub-Division			
East Uttar Pradesh	25	-36	Jirgo	0.15	0.12	81
West Uttar Pradesh	9	-61	Matatila	0.71	0.44	9
			Ramganga	2.20	1.58	4
			Sharda Sagar	0.33	0.33	46
Haryana, Chandigarh & Delhi	7	-36	Gobind Sagar	6.23	4.61	-8
			Pong Dam	6.16	3.85	-7

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

WEEKLY REPORT - BASINWISE

WEEK ENDING :- 21.11.2019

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	30.184	24.884	82.44%	17.689	58.60%	18.654	61.80%	33.40
INDUS	14.819	10.380	70.05%	12.497	84.33%	10.550	71.19%	-1.61
NARMADA	22.344	21.845	97.77%	15.545	69.57%	14.011	62.71%	55.91
TAPI	7.394	7.394	100.00%	2.745	37.12%	5.015	67.83%	47.44
MAHI	4.012	3.586	89.38%	3.325	82.88%	3.115	77.64%	15.12
SABARMATI	1.042	1.027	98.56%	0.325	31.19%	0.616	59.12%	66.72
RIVERS OF KUTCH	1.186	0.877	73.95%	0.195	16.44%	0.520	43.84%	68.65
GODAVARI	17.714	15.637	88.27%	8.951	50.53%	10.870	61.36%	43.85
KRISHNA	33.573	29.037	86.49%	17.592	52.40%	22.151	65.98%	31.09
MAHANADI & NEIGHBOURING EFRS	13.471	12.047	89.43%	8.809	65.39%	10.391	77.14%	15.94
CAUVERY & NEIGHBOURING EFRS	8.359	8.092	96.81%	5.842	69.89%	4.937	59.06%	63.91
WEST FLOWING RIVERS OF SOUTH	16.230	14.675	90.42%	13.133	80.92%	11.865	73.11%	23.68
TOTAL	170.328	149.481		106.648		112.695		
PERCENTAGE								32.64

WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 21.11.2019

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	505.31	6.229	4.609	21-11-2019	74	86	80	676	1379
*2	PONG DAM(BEAS)	423.67	419.80	6.157	3.850	21-11-2019	63	84	67	0	396
*3	KOL DAM	642	641.44	0.089	0.080	20-11-2019	90	94	88	0	800
<u>PUNJAB</u>											
*4	THEIN DAM	527.91	520.89	2.344	1.841	21-11-2019	79	80	57	348	600
<u>RAJASTHAN</u>											
*5	MAHI BAJAJ SAGAR	280.75	281.50	1.711	1.711	21-11-2019	100	97	88	63	140
6	JHAKAM	359.50	359.40	0.132	0.131	21-11-2019	99	91	80	28	0
*7	RANA PRATAP SAGAR	352.81	351.49	1.436	1.182	21-11-2019	82	38	49	229	172
8	BISALPUR	315.50	315.50	1.076	1.076	20-11-2019	100	25	58	81.8	0
<u>EASTERN REGION</u>											
<u>JHARKHAND</u>											
9	TENUGHAT	269.14	260.34	0.821	0.431	21-11-2019	52	48	47	0	0
10	MAITHON	146.3	149.94	0.471	0.471	21-11-2019	100	52	83	342	0
*11	PANCHET HILL	124.97	128.71	0.184	0.184	21-11-2019	100	76	82	0	80
12	KONAR	425.81	425.49	0.176	0.170	21-11-2019	97	76	85	0	0
13	TILAIYA	368.81	368.49	0.142	0.130	21-11-2019	92	82	80	0	4
<u>ODISHA</u>											
*14	HIRAKUD	192.02	192.01	5.378	4.818	19-11-2019	90	76	87	153	307
*15	BALIMELA	462.08	461.13	2.676	2.494	20-11-2019	93	88	68	0	360
16	SALANADI	82.30	75.35	0.558	0.346	21-11-2019	62	57	37	42	0
*17	RENGALI	123.50	123.71	3.432	3.432	20-11-2019	100	53	82	3	200
*18	MACHKUND(JALAPUT)	838.16	837.73	0.893	0.850	20-11-2019	95	86	88	0	115
*19	UPPER KOLAB	858.00	857.15	0.935	0.855	20-11-2019	91	75	66	89	320
*20	UPPER INDRAVATI	642.00	640.46	1.456	1.284	20-11-2019	88	77	70	128	600
21	SAPUA	168.50	168.55	0.006	0.006	21-11-2019	100	100	67	0	0
<u>WEST BENGAL</u>											
22	MAYURAKSHI	121.31	118.74	0.480	0.368	21-11-2019	77	25	41	227	0
23	KANGSABATI	134.14	131.49	0.914	0.703	21-11-2019	77	37	45	341	0
<u>TRIPURA</u>											
24	GUMTI	93.55	89.80	0.312	0.151	20-11-2019	48	76	60	0	15
<u>NAGALAND</u>											
*25	DOYANG HEP	333.00	321.37	0.535	0.347	20-11-2019	65	50	60	0	75
<u>WESTERN REGION</u>											
<u>GUJARAT</u>											
*26	UKAI	105.16	105.14	6.615	6.615	21-11-2019	100	35	69	348	300
27	SABARMATI(DHAROI)	189.59	189.38	0.735	0.724	21-11-2019	99	24	65	95	1
*28	KADANA	127.7	127.71	1.472	1.192	21-11-2019	81	70	70	200	120
29	SHESTRUNJI	55.53	55.22	0.300	0.275	21-11-2019	92	25	61	36	0
30	BHADAR	107.89	107.80	0.188	0.184	21-11-2019	98	25	47	27	0
31	DAMANGANGA	79.86	79.55	0.502	0.463	21-11-2019	92	69	91	51	1
32	DANTIWADA	184.1	175.75	0.399	0.145	21-11-2019	36	9	38	45	0
33	PANAM	127.41	127.40	0.697	0.552	21-11-2019	79	75	67	36	2
*34	SARDAR SAROVAR	138.68	137.95	5.760	5.525	21-11-2019	96	48	27	2120	1450
35	KARJAN	115.25	115.09	0.523	0.510	21-11-2019	98	78	81	51	3
36	SUKHI(GUJ)	147.82	147.82	0.167	0.163	20-11-2019	98	62	41	20.7	0
37	WATRAK	136.25	136.25	0.154	0.154	20-11-2019	100	33	54	22.98	0
38	HATHMATI	180.74	180.75	0.153	0.149	20-11-2019	97	65	37	5.166	0
39	MACHCHHU-I	135.33	135.31	0.071	0.069	21-11-2019	97	15	34	0	0
40	MACHCHHU-II	57.3	57.30	0.091	0.084	21-11-2019	92	21	40	10.13	0
41	UND-I	98	98.00	0.066	0.066	20-11-2019	100	8	29	9.9	0
42	BRAHMANI(GUJ)	64.62	64.42	0.071	0.054	21-11-2019	76	6	28	6.413	0

WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 21.11.2019

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											
43	JAYAKWADI(PAITHAN)	463.91	463.91	2.171	2.171	21-11-2019	100	29	42	227	0
*44	KOYANA	657.90	658.80	2.652	2.652	21-11-2019	100	87	90	0	1920
45	BHIMA(UJJANI)	496.83	497.33	1.517	1.517	21-11-2019	100	62	75	125	12
46	ISAPUR	441.00	438.76	0.965	0.762	21-11-2019	79	60	58	104	0
47	MULA	552.30	552.29	0.609	0.609	21-11-2019	100	51	76	139	0
48	YELDARI	461.77	461.77	0.809	0.809	21-11-2019	100	9	40	78	0
49	GIRNA	398.07	398.07	0.524	0.524	21-11-2019	100	38	41	79	0
50	KHADAKVASLA	582.47	581.89	0.056	0.048	21-11-2019	86	71	68	78	8
*51	UPPER VAITARNA	603.50	603.50	0.331	0.331	21-11-2019	100	91	89	0	61
52	UPPER TAPI	214.00	214.00	0.255	0.255	21-11-2019	100	89	98	45	0
*53	PENCH(TOTLADOH)	490.00	489.87	1.091	1.007	21-11-2019	92	12	56	127	160
54	UPPER WARDHA	342.50	342.45	0.564	0.559	21-11-2019	99	38	85	70	0
55	BHATSA	142.07	139.77	0.942	0.879	21-11-2019	93	80	85	29.38	15
56	DHOM	747.70	747.70	0.331	0.331	21-11-2019	100	70	81	36.2	2
57	DUDHGANGA	646.00	646.00	0.664	0.664	21-11-2019	100	89	92	2.441	24
58	MANIKDOH	711.25	709.42	0.288	0.255	21-11-2019	89	40	53	2.2	6
59	BHANDARDARA	744.91	744.73	0.304	0.304	21-11-2019	100	41	86	63.74	46
60	URMODI	696.00	696.00	0.273	0.273	21-11-2019	100	74	89	37	3
61	BHATGHAR	623.28	623.15	0.673	0.661	21-11-2019	98	89	93	60.66	14.09
62	NIRA DEOGHAR	667.10	667.05	0.332	0.331	21-11-2019	100	86	89	0	6
*63	THOKARWADI	667.14	667.06	0.353	0.350	21-11-2019	99	88	74	0	72
64	KANHER	690.78	690.78	0.272	0.272	21-11-2019	100	86	89	44.78	4
*65	ALWANDI	603.51	603.50	0.331	0.331	21-11-2019	100	91	89	3.93	60
*66	MULSHI	607.10	604.12	0.572	0.445	21-11-2019	78	80	76	0	300
CENTRAL REGION											
UTTAR PRADESH											
67	MATATILA	308.46	306.51	0.707	0.437	20-11-2019	62	52	57	0	30
*68	RIHAND	268.22	263.26	5.649	3.528	21-11-2019	62	54	50	0	300
69	SHARDA SAGAR	190.50	189.39	0.330	0.330	21-11-2019	100	79	68	126.5	0
70	JIRGO	98.20	96.85	0.147	0.116	21-11-2019	79	46	44	13.14	0
UTTRAKHAND											
*71	RAMGANGA	365.30	356.92	2.196	1.580	21-11-2019	72	67	69	1897	198
*72	TEHRI	830.00	822.82	2.615	2.320	21-11-2019	89	90	84	2351	1000
MADHYA PRADESH											
*73	GANDHI SAGAR	399.90	399.66	6.827	6.466	21-11-2019	95	40	61	220	115
74	TAWA	355.40	355.09	1.944	1.944	21-11-2019	100	65	85	247	0
*75	BARGI	422.76	422.30	3.180	3.079	21-11-2019	97	80	84	157	90
*76	BANSAGAR	341.64	341.02	5.166	4.894	21-11-2019	95	89	71	488	425
*77	INDIRA SAGAR	262.13	262.01	9.745	9.673	20-11-2019	99	84	73	2380	1000
78	BARNA DAM	348.55	348.02	0.456	0.418	21-11-2019	92	43	74	546	0
*79	OMKARESHWAR	196.60	196.51	0.299	0.266	21-11-2019	89	0	0	132.5	520
80	SANJAY SAROVAR	519.38	519.25	0.508	0.404	21-11-2019	80	42	62	12.65	3.45
81	KOLAR DAM	462.20	462.26	0.270	0.267	21-11-2019	99	28	55	25.68	0
CHHATTIS GARH											
*82	MINIMATA BANGO	359.66	357.63	3.046	2.548	21-11-2019	84	65	66	0	120
83	MAHANADI	348.70	347.79	0.767	0.680	20-11-2019	89	69	73	319	10
84	DUDHAWA	425.10	423.47	0.284	0.217	20-11-2019	76	32	46	324.5	0
SOUTHERN REGION											
A.P & TG											
*85	SRISAILAM	269.75	268.56	8.288	5.393	21-11-2019	65	28	55	0	770
*86	NAGARJUNA SAGAR	179.83	179.37	5.108	4.982	21-11-2019	98	52	60	895	810
ANDHRA PRADESH											
87	SOMASILA	100.58	99.31	1.994	1.947	21-11-2019	98	54	68	168	0
88	YELERU	86.56	86.29	0.508	0.493	21-11-2019	97	89	56	66.6	0
TELANGANA											
89	SRIRAMSAGAR	332.54	332.51	2.300	2.300	21-11-2019	100	43	59	411	27
90	LOWER MANAIR	280.42	279.01	0.621	0.573	21-11-2019	92	40	57	199	60
91	NIZAM SAGAR	428.24	423.70	0.482	0.116	20-11-2019	24	1	51	93.62	10
92	SINGUR	523.6	512.40	0.822	0.047	20-11-2019	6	8	55	16.19	15

WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 21.11.2019

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

KARNATAKA

93	KRISHNARAJA SAGARA	752.50	752.47	1.163	1.163	21-11-2019	100	90	75	79	0
*94	TUNGABHADRA	497.74	497.39	3.276	2.732	21-11-2019	83	45	60	529	72
95	GHATAPRABHA(HIDKAL)	662.95	662.94	1.391	1.387	20-11-2019	100	73	75	317	0
96	BHADRA	657.76	657.45	1.785	1.749	20-11-2019	98	86	77	106	39
97	LINGANAMAKKI	554.43	553.78	4.294	4.094	20-11-2019	95	83	76	0	55
98	NARAYANPUR	492.25	491.73	0.863	0.673	21-11-2019	78	32	74	425	0
99	MALAPRABHA(RENUKA)	633.83	633.83	0.972	0.972	20-11-2019	100	48	51	215	0
100	KABINI	696.66	695.60	0.444	0.410	21-11-2019	92	78	43	85	0
101	HEMAVATHY	890.63	889.04	0.927	0.875	21-11-2019	94	52	52	265	0
102	HARANGI	871.42	868.78	0.220	0.158	21-11-2019	72	37	38	53	0
103	SUPA	564.00	563.04	4.120	3.999	20-11-2019	97	83	65	0	0
104	VANI VILAS SAGAR	652.28	642.58	0.802	0.245	20-11-2019	31	3	17	123	0
*105	ALMATTI	519.60	519.60	3.105	3.105	21-11-2019	100	50	72	0	290
*106	GERUSOPPA	55.00	50.89	0.130	0.107	21-11-2019	82	85	84	83	240
*107	MANI DAM	594.36	590.16	0.884	0.666	21-11-2019	75	84	67	0	469
108	TATTIHALLA	468.30	462.20	0.249	0.117	21-11-2019	47	50	41	0	0

KERALA

109	KALLADA(PARAPPAR)	115.82	114.28	0.507	0.452	21-11-2019	89	87	80	62	0
*110	IDAMALAYAR	169.00	161.57	1.018	0.804	21-11-2019	79	68	74	33	75
*111	IDUKKI	732.43	726.66	1.460	1.143	21-11-2019	78	79	68	0	780
*112	KAKKI	981.46	976.56	0.447	0.366	20-11-2019	82	73	77	23	300
*113	PERIYAR	867.41	864.89	0.173	0.113	21-11-2019	65	66	61	84	140
114	MALAMPUZHA	115.06	114.92	0.224	0.217	21-11-2019	97	77	80	21.17	2.5

TAMIL NADU

115	LOWER BHAWANI	278.89	280.42	0.792	0.792	21-11-2019	100	99	53	105	8
*116	METTUR(STANLEY)	240.79	240.80	2.647	2.647	21-11-2019	100	71	55	122	360
117	VAIGAI	279.20	275.73	0.172	0.100	21-11-2019	58	71	53	61	6
118	PARAMBIKULAM	556.26	555.93	0.380	0.373	21-11-2019	98	90	74	101	0
119	ALIYAR	320.04	319.78	0.095	0.094	21-11-2019	99	89	78	0	60
*120	SHOLAYAR	1002.79	1002.33	0.143	0.126	21-11-2019	88	75	70	0	95

TOTAL FOR 120 RESERVOIRS

170.328 149.481

PERCENTAGE

88 63 66

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.

21.11.2019

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	-0.25	-0.10	-0.22
2	PUNJAB	1	2.34	0.00	-0.08	-0.04
3	RAJASTHAN	4	4.36	-0.19	-0.09	-0.05
SUB-TOTAL		8	19.17	-0.44	-0.27	-0.30

EASTERN REGION						
1	JHARKHAND	5	1.79	-0.01	-0.02	-0.01
2	ORISSA	8	15.33	-0.10	-0.13	-0.03
3	W. BENGAL	2	1.39	0.01	0.00	0.00
4	TRIPURA	1	0.31	0.00	-0.01	-0.01
5	NAGALAND	1	0.54	0.00	0.00	-0.01
SUB-TOTAL		17	19.37	-0.11	-0.17	-0.04

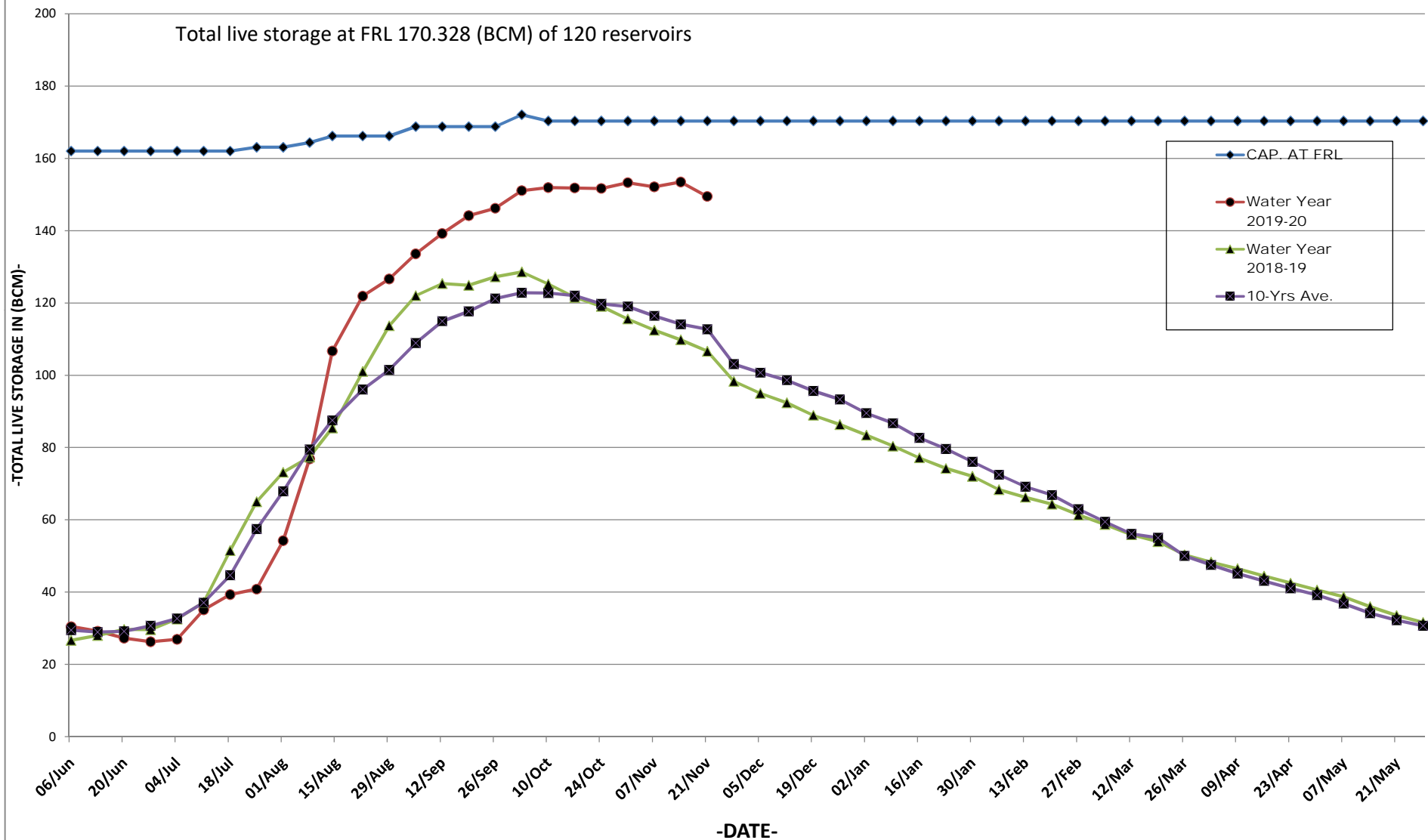
WESTERN REGION						
1	GUJARAT	17	17.96	-0.18	-0.24	-0.09
2	MAH.	24	16.88	0.00	-0.36	-0.19
SUB-TOTAL		41	34.84	-0.19	-0.60	-0.28

CENTRAL REGION						
1	U.P.	4	6.83	-2.22	-0.12	-0.05
2	UTTARAKHAND	2	4.81	-0.04	-0.04	-0.07
3	M.P.	9	28.40	-0.18	-0.52	0.24
4	CHHATISGARH	3	4.10	0.00	-0.01	-0.02
SUB-TOTAL		18	44.14	-2.45	-0.70	0.10

SOUTHERN REGION						
1	AP&TG	2	13.40	-0.38	-0.57	-0.37
2	A.P	2	2.50	-0.03	-0.05	0.10
3	TELANGANA	4	4.23	-0.04	-0.01	0.13
4	KARNATAKA	16	24.63	-0.38	-0.83	-0.81
5	KERALA	6	3.83	0.02	0.00	0.02
6	T.N.	6	4.23	-0.01	0.01	0.06
SUB-TOTAL		36	52.81	-0.81	-1.44	-0.87
COUNTRY AS A WHOLE		120	170.33	-3.99	-3.17	-1.39

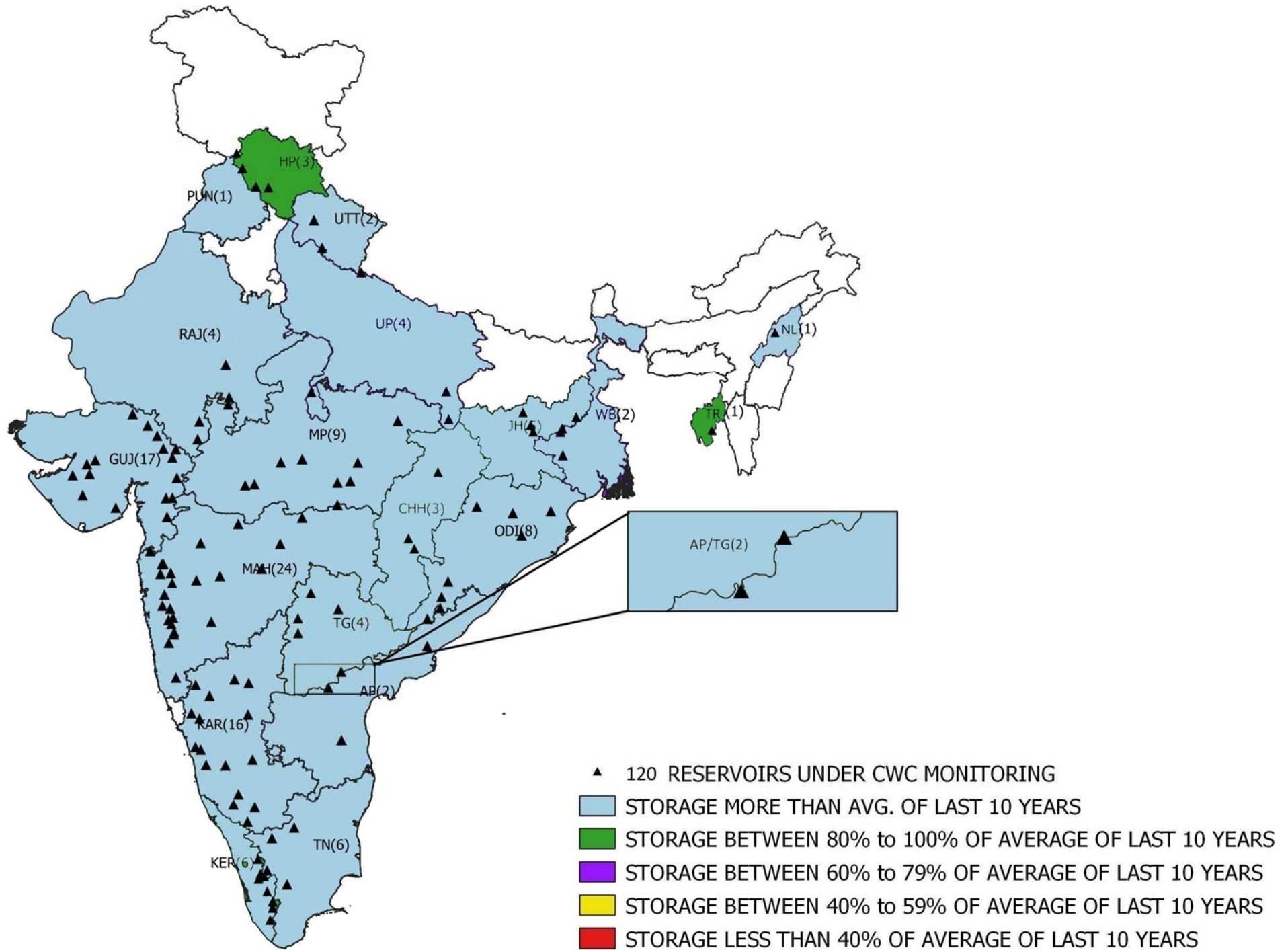
STORAGE POSITION OF 120 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2019-2020)

AS ON 21.11.2019



Map Indicating Statewise Storage Position

(As on 21.11.2019)



WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

21.11.2019

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.	S.No
			IRR. (CCA) IN TH. HA	HYDEL IN MW				LEVEL (MTS)	LIVE STORAGE (BCM)		LEVEL (MTS)	LIVE STORAGE (BCM)						
1	2		3A	3B	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	*1 SRISAILAM	AP/TG	0	770	269.75	8.288	21-11-2019	268.56	5.393	65	254.69	2.295	28	4.524	55	235	119	*1
2	*2 NAGARJUNA SAGAR	AP/TG	895	810	179.83	5.108	21-11-2019	179.37	4.982	98	169.65	2.631	52	3.059	60	189	163	*2
3	3 SOMASILA	AP	168	0	100.58	1.994	21-11-2019	99.31	1.947	98	93.86	1.086	54	1.347	68	179	145	3
4	4 YELERU	AP	66.6	0	86.56	0.508	21-11-2019	86.29	0.493	97	85.62	0.454	89	0.284	56	109	174	4
5	5 SRIRAMSAGAR	TG	411	27	332.54	2.3	21-11-2019	332.51	2.300	100	326.96	0.980	43	1.355	59	235	170	5
6	6 LOWER MANAIR	TG	199	60	280.42	0.621	21-11-2019	279.01	0.573	92	273.31	0.247	40	0.351	57	232	163	6
7	7 NIZAM SAGAR	TG	93.619	10	428.24	0.482	20-11-2019	423.70	0.116	24	419.94	0.006	1	0.246	51	1933	47	7
8	8 SINGUR	TG	16.187	15	523.6	0.822	20-11-2019	512.40	0.047	6	514.34	0.064	8	0.453	55	73	10	8
9	9 TENUGHAT	JHA	0	0	269.14	0.821	21-11-2019	260.34	0.431	52	259.40	0.393	48	0.388	47	110	111	9
10	10 MAITHON	JHA	342	0	146.3	0.471	21-11-2019	149.94	0.471	100	142.27	0.244	52	0.389	83	193	121	10
11	*11 PANCHET HILL	JHA	0	80	124.97	0.184	21-11-2019	128.71	0.184	100	124.01	0.139	76	0.151	82	132	122	*11
12	12 KONAR	JHA	0	0	425.81	0.176	21-11-2019	425.49	0.170	97	423.38	0.133	76	0.150	85	128	113	12
13	13 TILAIYA	JHA	0	4	368.81	0.142	21-11-2019	368.49	0.130	92	368.05	0.116	82	0.114	80	112	114	13
14	*14 UKAI	GUJ	348	300	105.16	6.615	21-11-2019	105.14	6.615	100	95.58	2.318	35	4.551	69	285	145	*14
15	15 SABARMATI(DHAROI)	GUJ	95	1	189.59	0.735	21-11-2019	189.38	0.724	99	182.05	0.175	24	0.477	65	414	152	15
16	*16 KADANA	GUJ	200	120	127.7	1.472	21-11-2019	127.71	1.192	81	126.06	1.025	70	1.030	70	116	116	*16
17	17 SHETRUNJI	GUJ	36	0	55.53	0.3	21-11-2019	55.22	0.275	92	51.07	0.074	25	0.183	61	372	150	17
18	18 BHADAR	GUJ	27	0	107.89	0.188	21-11-2019	107.80	0.184	98	103.30	0.047	25	0.088	47	391	209	18
19	19 DAMANGANGA	GUJ	51	1	79.86	0.502	21-11-2019	79.55	0.463	92	76.90	0.348	69	0.455	91	133	102	19
20	20 DANTIWADA	GUJ	45	0	184.1	0.399	21-11-2019	175.75	0.145	36	168.74	0.035	9	0.150	38	414	97	20
21	21 PANAM	GUJ	36	2	127.41	0.697	21-11-2019	127.40	0.552	79	126.95	0.522	75	0.469	67	106	118	21
22	*22 SARDAR SAROVAR	GUJ	2120	1450	138.68	5.76	21-11-2019	137.95	5.525	96	127.61	2.774	48	1.561	27	199	354	*22
23	23 KARJAN	GUJ	51	3	115.25	0.523	21-11-2019	115.09	0.510	98	111.43	0.408	78	0.426	81	125	120	23
24	24 SUKHI(GUJ)	GUJ	20.701	0	147.82	0.167	20-11-2019	147.82	0.163	98	144.74	0.103	62	0.068	41	158	240	24
25	25 WATRAK	GUJ	22.977	0	136.25	0.154	20-11-2019	136.25	0.154	100	132.16	0.051	33	0.083	54	302	186	25
26	26 HATHMATI	GUJ	5.166	0	180.74	0.153	20-11-2019	180.75	0.149	97	179.01	0.099	65	0.056	37	151	266	26
27	27 MACHCHHU-I	GUJ	0	0	135.33	0.071	21-11-2019	135.31	0.069	97	128.01	0.011	15	0.024	34	627	288	27
28	28 MACHCHHU-II	GUJ	10.13	0	57.3	0.091	21-11-2019	57.30	0.084	92	52.25	0.019	21	0.036	40	442	233	28
29	29 UND-I	GUJ	9.9	0	98	0.066	20-11-2019	98.00	0.066	100	91.86	0.005	8	0.019	29	1320	347	29
30	30 BRAHMANI(GUJ)	GUJ	6.413	0	64.62	0.071	21-11-2019	64.42	0.054	76	57.99	0.004	6	0.020	28	1350	270	30
31	*31 GOBIND SAGAR(BHAKRA)	HP	676	1379	512.06	6.229	21-11-2019	505.31	4.609	74	508.06	5.331	86	4.999	80	86	92	*31
32	*32 PONG DAM(BEAS)	HP	0	396	423.67	6.157	21-11-2019	419.80	3.850	63	420.68	5.202	84	4.127	67	74	93	*32
33	*33 KOL DAM	HP	0	800	642	0.089	20-11-2019	641.44	0.080	90	641.77	0.084	94	0.078	88	95	103	*33
34	34 KRISHNARAJA SAGARA	KAR	79	0	752.5	1.163	21-11-2019	752.47	1.163	100	750.67	1.052	90	0.878	75	111	132	34
35	*35 TUNGABHADRA	KAR	529	72	497.74	3.276	21-11-2019	497.39	2.732	83	493.11	1.487	45	1.958	60	184	140	*35
36	36 GHATAPRABHA(HIDKAL)	KAR	317	0	662.95	1.391	20-11-2019	662.94	1.387	100	657.59	1.014	73	1.038	75	137	134	36
37	37 BHADRA	KAR	106	39	657.76	1.785	20-11-2019	657.45	1.749	98	655.52	1.532	86	1.371	77	114	128	37
38	38 LINGANAMAKKI	KAR	0	55	554.43	4.294	20-11-2019	553.78	4.094	95	551.99	3.572	83	3.273	76	115	125	38
39	39 NARAYANPUR	KAR	425	0	492.25	0.863	21-11-2019	491.73	0.673	78	487.88	0.277	32	0.635	74	243	106	39
40	40 MALAPRABHA(RENUKA)	KAR	215	0	633.83	0.972	20-11-2019	633.83	0.972	100	629.02	0.462	48	0.493	51	210	197	40
41	41 KABINI	KAR	85	0	696.66	0.444	21-11-2019	695.60	0.410	92	694.43	0.347	78	0.191	43	118	215	41
42	42 HEMAVATHY	KAR	265	0	890.63	0.927	21-11-2019	889.04	0.875	94	883.16	0.480	52	0.479	52	182	183	42
43	43 HARANGI	KAR	53	0	871.42	0.22	21-11-2019	868.78	0.158	72	862.55	0.082	37	0.084	38	193	188	43
44	44 SUPA	KAR	0	0	564	4.12	20-11-2019	563.04	3.999	97	558.20	3.440	83	2.697	65	116	148	44
45	45 VANI VILAS SAGAR	KAR	123	0	652.28	0.802	20-11-2019	642.58	0.245	31	633.10	0.028	3	0.133	17	875	184	45
46	*46 ALMATTI	KAR	0	290	519.6	3.105	21-11-2019	519.60	3.105	100	515.41	1.550	50	2.239	72	200	139	*46
47	*47 GERUSOPPA	KAR	83	240	55	0.13	21-11-2019	50.89	0.107	82	51.76	0.111	85	0.109	84	96	98	*47
48	*48 MANI DAM	KAR	0	469	594.36	0.884	21-11-2019	590.16	0.666	75	591.70	0.741	84	0.594	67	90	112	*48
49	49 TATTIHALLA	KAR	0	0	468.3	0.249	21-11-2019	462.20	0.117	47	462.65	0.125	50	0.101	41	94	116	49

WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

21.11.2019

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.	S.No
			IRR. (CCA)IN TH. HA	HYDEL IN MW				LEVEL (MTS)	LIVE STORAGE (BCM)		LEVEL (MTS)	LIVE STORAGE (BCM)						
1	2		3A	3B	4	5	6	7	8	9	10	11	12	13	14	15	16	17
50	50 KALLADA(PARAPPAR)	KRL	62	0	115.82	0.507	21-11-2019	114.28	0.452	89	113.77	0.441	87	0.407	80	102	111	50
51	*51 IDAMALAYAR	KRL	33	75	169	1.018	21-11-2019	161.57	0.804	79	157.50	0.692	68	0.756	74	116	106	*51
52	*52 IDUKKI	KRL	0	780	732.43	1.46	21-11-2019	726.66	1.143	78	726.91	1.157	79	0.998	68	99	115	*52
53	*53 KAKKI	KRL	23	300	981.46	0.447	20-11-2019	976.56	0.366	82	973.79	0.328	73	0.342	77	112	107	*53
54	*54 PERIYAR	KRL	84	140	867.41	0.173	21-11-2019	864.89	0.113	65	865.01	0.115	66	0.105	61	98	108	*54
55	55 MALAMPUZHA	KRL	21.165	2.5	115.06	0.224	21-11-2019	114.92	0.217	97	112.79	0.172	77	0.179	80	126	121	55
56	*56 GANDHI SAGAR	MP	220	115	399.9	6.827	21-11-2019	399.66	6.466	95	392.09	2.702	40	4.132	61	239	156	*56
57	57 TAWA	MP	247	0	355.4	1.944	21-11-2019	355.09	1.944	100	350.83	1.269	65	1.654	85	153	118	57
58	*58 BARGI	MP	157	90	422.76	3.18	21-11-2019	422.30	3.079	97	420.30	2.534	80	2.676	84	122	115	*58
59	*59 BANSAGAR	MP	488	425	341.64	5.166	21-11-2019	341.02	4.894	95	340.40	4.615	89	3.678	71	106	133	*59
60	*60 INDIRA SAGAR	MP	2380	1000	262.13	9.745	20-11-2019	262.01	9.673	99	260.24	8.187	84	7.140	73	118	135	*60
61	61 BARNA DAM	MP	546	0	348.55	0.456	21-11-2019	348.02	0.418	92	344.27	0.195	43	0.338	74	214	124	61
62	*62 OMKARESHWAR	MP	132.5	520	196.6	0.299	21-11-2019	196.51	0.266	89	191.98	0.000	0	0.000	0	0	0	*62
63	63 SANJAY SAROVAR	MP	12.646	3.45	519.38	0.508	21-11-2019	519.25	0.404	80	514.80	0.215	42	0.314	62	188	129	63
64	64 KOLAR DAM	MP	25.677	0	462.2	0.27	21-11-2019	462.26	0.267	99	448.39	0.075	28	0.148	55	356	180	64
65	*65 MINIMATA BANGO	CHH	0	120	359.66	3.046	21-11-2019	357.63	2.548	84	353.99	1.983	65	2.016	66	128	126	*65
66	66 MAHANADI	CHH	319	10	348.7	0.767	20-11-2019	347.79	0.680	89	346.00	0.533	69	0.557	73	128	122	66
67	67 DUDHAWA	CHH	324.535	0	425.1	0.284	20-11-2019	423.47	0.217	76	418.94	0.092	32	0.132	46	236	164	67
68	68 JAYAKWADI(PAITHAN)	MAH	227	0	463.91	2.171	21-11-2019	463.91	2.171	100	458.90	0.624	29	0.908	42	348	239	68
69	*69 KOYANA	MAH	0	1920	657.9	2.652	21-11-2019	658.80	2.652	100	654.81	2.302	87	2.384	90	115	111	*69
70	70 BHIIMA(UJJANI)	MAH	125	12	496.83	1.517	21-11-2019	497.33	1.517	100	494.98	0.943	62	1.137	75	161	133	70
71	71 ISAPUR	MAH	104	0	441	0.965	21-11-2019	438.76	0.762	79	436.74	0.575	60	0.560	58	133	136	71
72	72 MULA	MAH	139	0	552.3	0.609	21-11-2019	552.29	0.609	100	545.74	0.310	51	0.465	76	196	131	72
73	73 YELDARI	MAH	78	0	461.77	0.809	21-11-2019	461.77	0.809	100	450.24	0.070	9	0.322	40	1156	251	73
74	74 GIRNA	MAH	79	0	398.07	0.524	21-11-2019	398.07	0.524	100	390.17	0.199	38	0.214	41	263	245	74
75	75 KHADAKVASLA	MAH	78	8	582.47	0.056	21-11-2019	581.89	0.048	86	581.29	0.040	71	0.038	68	120	126	75
76	*76 UPPER VAITARNA	MAH	0	61	603.5	0.331	21-11-2019	603.50	0.331	100	602.54	0.300	91	0.294	89	110	113	*76
77	77 UPPER TAPI	MAH	45	0	214	0.255	21-11-2019	214.00	0.255	100	213.55	0.228	89	0.250	98	112	102	77
78	*78 PENCH(TOTLADOH)	MAH	127	160	490	1.091	21-11-2019	489.87	1.007	92	471.65	0.132	12	0.614	56	763	164	*78
79	79 UPPER WARDHA	MAH	70	0	342.5	0.564	21-11-2019	342.45	0.559	99	337.63	0.213	38	0.481	85	262	116	79
80	80 BHATSA	MAH	29.378	15	142.07	0.942	21-11-2019	139.77	0.879	93	134.86	0.756	80	0.804	85	116	109	80
81	81 DHOM	MAH	36.2	2	747.7	0.331	21-11-2019	747.70	0.331	100	743.12	0.233	70	0.268	81	142	124	81
82	82 DUDHGANGA	MAH	2.441	24	646	0.664	21-11-2019	646.00	0.664	100	643.39	0.592	89	0.614	92	112	108	82
83	83 MANIKDOH	MAH	2.2	6	711.25	0.288	21-11-2019	709.42	0.255	89	699.36	0.114	40	0.153	53	224	167	83
84	84 BHANDARDARA	MAH	63.74	46	744.91	0.304	21-11-2019	744.73	0.304	100	731.11	0.126	41	0.262	86	241	116	84
85	85 URMODI	MAH	37	3	696	0.273	21-11-2019	696.00	0.273	100	691.36	0.203	74	0.244	89	134	112	85
86	86 BHATGHAR	MAH	60.656	14.09	623.28	0.673	21-11-2019	623.15	0.661	98	621.27	0.601	89	0.629	93	110	105	86
87	87 NIRA DEOGHAR	MAH	0	6	667.1	0.332	21-11-2019	667.05	0.331	100	663.75	0.285	86	0.295	89	116	112	87
88	*88 THOKARWADI	MAH	0	72	667.14	0.353	21-11-2019	667.06	0.350	99	665.47	0.310	88	0.262	74	113	134	*88
89	89 KANHER	MAH	44.78	4	690.78	0.272	21-11-2019	690.78	0.272	100	688.65	0.234	86	0.241	89	116	113	89
90	*90 ALWANDI	MAH	3.93	60	603.51	0.331	21-11-2019	603.50	0.331	100	602.54	0.300	91	0.294	89	110	113	*90
91	*91 MULSHI	MAH	0	300	607.1	0.572	21-11-2019	604.12	0.445	78	604.48	0.459	80	0.436	76	97	102	*91
92	*92 DOYANG HEP	NAG	0	75	333	0.535	20-11-2019	321.37	0.347	65	315.10	0.265	50	0.321	60	131	108	*92
93	*93 HIRAKUD	ORI	153	307	192.02	5.378	19-11-2019	192.01	4.818	90	190.85	4.075	76	4.666	87	118	103	*93
94	*94 BALIMELA	ORI	0	360	462.08	2.676	20-11-2019	461.13	2.494	93	460.37	2.347	88	1.827	68	106	137	*94
95	95 SALANADI	ORI	42	0	82.3	0.558	21-11-2019	75.35	0.346	62	74.32	0.318	57	0.209	37	109	166	95
96	*96 RENGALI	ORI	3	200	123.5	3.432	20-11-2019	123.71	3.432	100	118.41	1.802	53	2.807	82	190	122	*96
97	*97 MACHKUND(JALAPUT)	ORI	0	115	838.16	0.893	20-11-2019	837.73	0.850	95	836.75	0.764	86	0.789	88	111	108	*97
98	*98 UPPER KOLAB	ORI	89	320	858	0.935	20-11-2019	857.15	0.855	91	855.54	0.702	75	0.620	66	122	138	*98
99	*99 UPPER INDRAVATI	ORI	128	600	642	1.456	20-11-2019	640.46	1.284	88	638.86	1.122	77	1.019	70	114	126	*99
100	100 SAPUA	ORI	0	0	168.5	0.006	21-11-2019	168.55	0.006	100	168.52	0.006	100	0.004	67	100	150	100
101	*101 THEIN DAM	PUN	348	600	527.91	2.344	21-11-2019	520.89	1.841	79	522.24	1.880	80	1.346	57	98	137	*101

WEEKLY REPORT OF 120 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING

21.11.2019

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.	S.No
			IRR. (CCA)IN TH. HA	HYDEL IN MW				LEVEL (MTS)	LIVE STORAGE (BCM)		LEVEL (MTS)	LIVE STORAGE (BCM)						
1	2		3A	3B	4	5	6	7	8	9	10	11	12	13	14	15	16	17
102	*102 MAHI BAJAJ SAGAR	RAJ	63	140	280.75	1.711	21-11-2019	281.50	1.711	100	280.25	1.658	97	1.511	88	103	113	*102
103	103 JHAKAM	RAJ	28	0	359.5	0.132	21-11-2019	359.40	0.131	99	358.30	0.120	91	0.105	80	109	125	103
104	*104 RANA PRATAP SAGAR	RAJ	229	172	352.81	1.436	21-11-2019	351.49	1.182	82	347.72	0.539	38	0.700	49	219	169	*104
105	105 BISALPUR	RAJ	81.8	0	315.5	1.076	20-11-2019	315.50	1.076	100	309.76	0.267	25	0.622	58	403	173	105
106	106 LOWER BHAWANI	TN	105	8	278.89	0.792	21-11-2019	280.42	0.792	100	278.50	0.785	99	0.422	53	101	188	106
107	*107 METTUR(STANLEY)	TN	122	360	240.79	2.647	21-11-2019	240.80	2.647	100	235.13	1.888	71	1.445	55	140	183	*107
108	108 VAIGAI	TN	61	6	279.2	0.172	21-11-2019	275.73	0.100	58	276.94	0.122	71	0.091	53	82	110	108
109	109 PARAMBIKULAM	TN	101	0	556.26	0.38	21-11-2019	555.93	0.373	98	554.55	0.343	90	0.283	74	109	132	109
110	110 ALIYAR	TN	0	60	320.04	0.095	21-11-2019	319.78	0.094	99	317.94	0.085	89	0.074	78	111	127	110
111	*111 SHOLAYAR	TN	0	95	1002.79	0.143	21-11-2019	1002.33	0.126	88	998.42	0.107	75	0.100	70	118	126	*111
112	112 GUMTI	TRP	0	15	93.55	0.312	20-11-2019	89.80	0.151	48	91.90	0.236	76	0.187	60	64	81	112
113	113 MATATILA	UP	0	30	308.46	0.707	20-11-2019	306.51	0.437	62	305.78	0.367	52	0.402	57	119	109	113
114	*114 RIHAND	UP	0	300	268.22	5.649	21-11-2019	263.26	3.528	62	262.10	3.066	54	2.813	50	115	125	*114
115	115 SHARDA SAGAR	UP	126.5	0	190.5	0.33	21-11-2019	189.39	0.330	100	189.28	0.261	79	0.226	68	126	146	115
116	116 JIRGO	UP	13.14	0	98.2	0.147	21-11-2019	96.85	0.116	79	94.34	0.068	46	0.064	44	171	181	116
117	*117 RAMGANGA	UKH	1897	198	365.3	2.196	21-11-2019	356.92	1.580	72	355.11	1.464	67	1.515	69	108	104	*117
118	*118 TEHRI	UKH	2351	1000	830	2.615	21-11-2019	822.82	2.320	89	823.65	2.357	90	2.195	84	98	106	*118
119	119 MAYURAKSHI	WB	227	0	121.31	0.48	21-11-2019	118.74	0.368	77	111.98	0.121	25	0.196	41	304	188	119
120	120 KANGSABATI	WB	341	0	134.14	0.914	21-11-2019	131.49	0.703	77	126.28	0.336	37	0.411	45	209	171	120
TOTAL FOR 120 RESERVOIRS			21169	18648.04		170.328		149.481			106.648			112.695				
PERCENTAGE								88			63			66		140	133	

* 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