

BRIEF NOTE ON LIVE STORAGE STATUS OF 100 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 01.08.2019)

1. ALL INDIA STATUS

Central Water Commission is monitoring live storage status of 100 reservoirs of the country on weekly basis and is issuing weekly bulletin on every Thursday. Out of these reservoirs, 37 reservoirs have hydropower benefit with installed capacity of more than 60 MW. The total live storage capacity of these 100 reservoirs is 163.045 BCM which is about 63.24% 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 **01.08.2019**, live storage available in these reservoirs is **54.258 BCM**, which is **33%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **73.162 BCM** and the average of last 10 years live storage was **67.922BCM**. Thus, the live storage available in 100 reservoirs **as per 01.08.2019 Bulletin** is **74%** of the live storage of corresponding period of last year and **80%** 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 and is also **less 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 6 reservoirs under CWC monitoring having total live storage capacity of 18.01 BCM. As per Reservoir Storage Bulletin dated **01.08.2019**, the total live storage available in these reservoirs is **9.95 BCM** which is **55%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **32%** and average storage of last ten years during corresponding period was **47%** 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 and Tripura. There are 16 reservoirs under CWC monitoring having total live storage capacity of 18.83 BCM. As per Reservoir Storage Bulletin dated **01.08.2019**, the total live storage available in these reservoirs is **4.21 BCM** which is **22%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **40%** and average storage of last ten years during corresponding period was **35%** 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 35 reservoirs under CWC monitoring having total live storage capacity of 32.31 BCM. As per Reservoir Storage Bulletin dated **01.08.2019**, the total live storage available in these reservoirs is **9.19 BCM** which is **28%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **34%** and average storage of last ten years during corresponding period was **38%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the storage of last year and is also less 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 12 reservoirs under CWC monitoring having total live storage capacity of 42.30 BCM. As per Reservoir Storage Bulletin dated **01.08.2019**, the total live storage available in these reservoirs is **17.13 BCM** which is **40%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **40%** and average storage of last ten years during corresponding period was **43%** of live storage capacity of these reservoirs. Thus, storage during current year is equal to the storage of last year and is less 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 31 reservoirs under CWC monitoring having total live storage capacity of 51.59 BCM. As per Reservoir Storage Bulletin dated **01.08.2019**, the total live storage available in these reservoirs is **13.79 BCM** which is **27%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **62%** and average storage of last ten years during corresponding period was **43%** 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.

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 and Narmada. Close to Normal in Mahi and West Flowing Rivers of South. Deficient in Ganga, Tapi Godavari, Krishna, Mahanadi & Neighbouring East Flowing Rivers and Cauvery & neighbouring EFRs and Highly Deficient in Sabarmati and Rivers of Kutch.
- Table on page 12-14 of the bulletin. The numbers of reservoirs having storage more than last year are **17** and reservoirs having storage more than average of last ten years are **21**. The numbers of reservoirs having storage less than or equal to 20% with respect to last year is **16** and having storage less than or equal to 20% with reference to average of last ten years is **14**. The number of reservoirs having storage less than or equal to 50% with respect to last year are **40** and having storage less than or equal to 50% with reference to average of last ten years are **41**.

States having better storage (in %) than last year for corresponding period: Himachal Pradesh, Punjab, Gujarat and Madhya Pradesh.

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

States having lesser storage (in %) than last year for corresponding period: Rajasthan, Jharkhand, Odisha, West Bengal, Tripura, Maharashtra, Uttar Pradesh, Uttarakhand, Chhattisgarh, AP&TG (Two combined projects in both states), Andhra Pradesh, Telangana, Karnataka, Kerala 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 : 01.08.2019

- Central Water Commission is monitoring storage status of 100 important reservoirs spread all over the country, in which 37 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 100 important reservoirs in different parts of the country, monitored by CWC as on **01.08.2019** is **54.258** BCM (**33** percent of the live storage capacity at FRL).The current year's storage is nearly **74** percent of last year's storage and **80** percent of the average of last ten years.

3 Region wise storage status:-

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 100 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), (6 Resv.)	-	-	-	-	1	2	1	2	H.P.	24 %
									PUNJAB	28 %
									RAJASTHAN	-9 %
EAST (Jharkhand,Odisha, Tripura & W.Bengal) (16 Resv.)	-	-	-	-	-	2	3	11	JHARKHAND	-20 %
									ODISHA	-43 %
									W. BENGAL	-24 %
									TRIPURA	16 %
WEST (Guj.& Mah.), (35 Resv.)	1	-	1	2	3	1	2	25	GUJARAT	-27 %
									MAH.	-24 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (12 Resv)	-	-	-	-	1	1	3	7	U.P.	-50 %
									UTTARAKHAND	-25 %
									M.P.	7 %
									CHHATISGARH	-25 %
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (31 Resv.)	-	-	1	1	3	1	3	22	AP&TG	-73 %
									A,P	-84 %
									TG	-73 %
									KARNATAKA	-20 %
									KERALA	-54 %
									T.N.	-62 %
Status of 100 reservoirs	1	0	2	3	8	7	12	67		

4 Basin wise storage position:

Better than normal: Indus and Narmada

Close to normal: Mahi and West Flowing Rivers of South.

Deficient: Ganga,Tapi , Godavari, Krishna ,Mahanadi & Neighbouring East Flowing Rivers and Cauvery & neighbouring EFRs.

Highly deficient: Sabarmati and Rivers of Kutch

5 Out of 100 reservoirs, 36 reservoirs reported more than 80% of normal storage & 64 reservoirs reported 80% or below of normal storage. Out of these 64 reservoirs 41 having storage upto 50% of normal storage.

Name of reservoir	%	Name of reservoir	%
YELDARI	0	UPPER WARDHA	31
PENCH (TOTALADOH)	0	BHIMA(UJJANI)	33
NAGARJUNA SAGAR	0	PERIYAR	35
ALIYAR	3	KRISHNARAJA SAGRA	35
WATRAK	5	METTUR(STANLEY)	35
ISAPUR	5	KAKKI	35
VANIVILAS SAGAR	7	SRISAILAM	37
TILAIYA	9	MATATILA	39
BRAHMANI	10	HIRAKUD	39
SABARMATI(DHAROI)	15	TUNGABHADRA	39
SOMASILA	16	GANDHI SAGAR	40
DANTIWADA	18	IDAMALAYAR	40
UND-I	19	IDUKKI	42
RENGALI	20	MALAMPUZHA	43
SRIRAMSAGAR	21	HARANGI	44
JAYAKWADI(PAITHON)	21	KONAR	44
VAIGAI	26	HATHMATI	45
BARNA	28	SAPUA	50
BHADAR	28	UKAI	50
SHOLAYAR	29		
SHETRUNJI	30		
PARAMBIKULAM	31		

23 reservoirs having storage 51% to 80% of normal storage.		
51% to 60%	61% to 70%	71% to 80%
7	5	11

6 Out of 37 reservoirs with significant(*) hydropower generation, the storage build up is less than or equal to normal in 26 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,

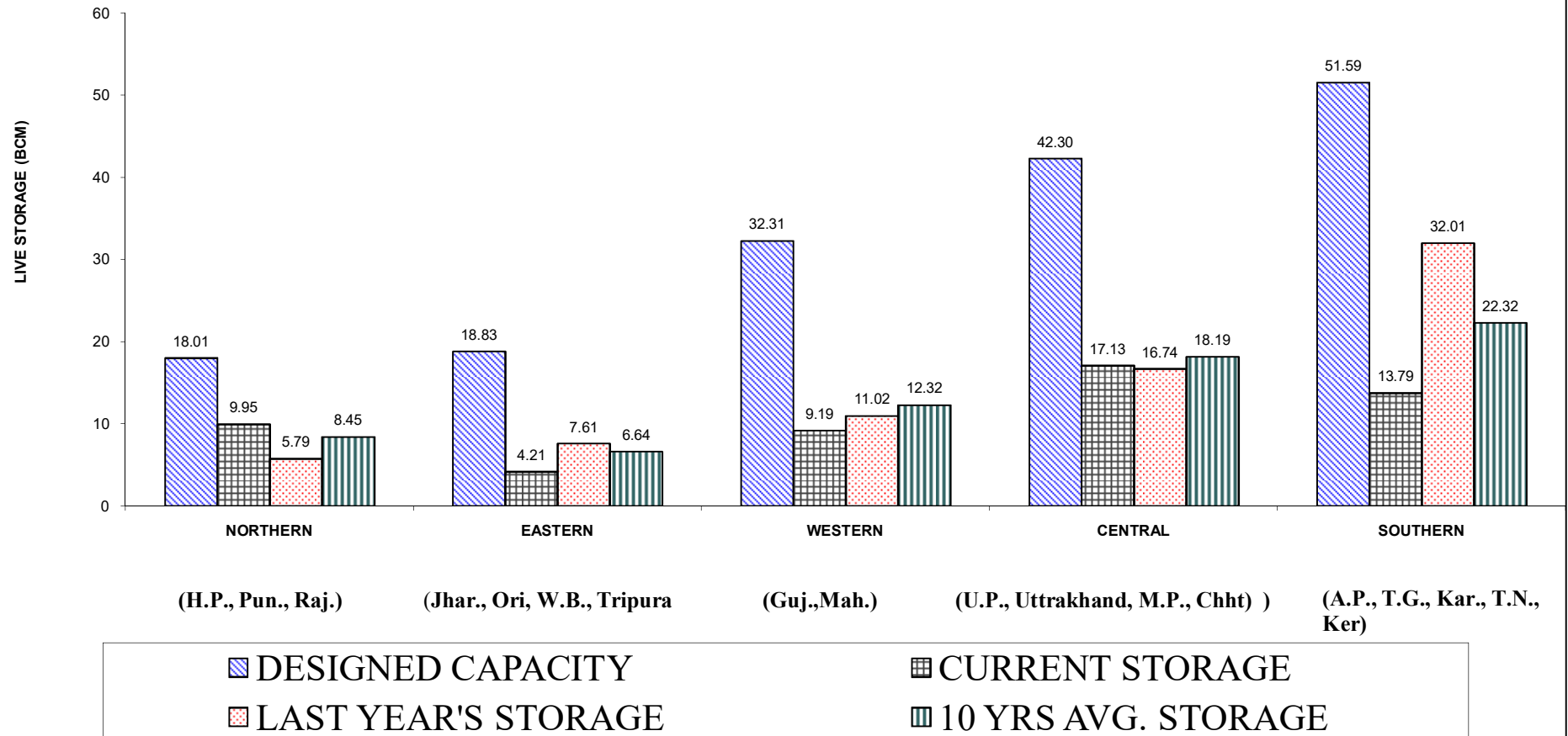
Highly deficient : Where shortfall is more than 60% of the normal

TABLE-01
STATUS OF CURRENT STORAGE
01.08.2019

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.	2	12.39	7.08	3.10	5.73	57	25	46	24
2	PUNJAB	1	2.34	1.36	1.09	1.07	58	46	45	28
3	RAJASTHAN	3	3.28	1.51	1.60	1.66	46	49	51	-9
SUB-TOTAL		6	18.01	9.95	5.79	8.45	55	32	47	18
EASTERN REGION										
1	JHARKHAND	5	1.79	0.69	0.86	0.86	38	48	48	-20
2	ODISHA	8	15.33	2.88	5.88	5.02	19	38	33	-43
3	W. BENGAL	2	1.39	0.46	0.58	0.60	33	42	43	-24
4	TRIPURA	1	0.31	0.18	0.29	0.15	57	93	49	16
SUB-TOTAL		16	18.83	4.21	7.61	6.64	22	40	35	-37
WESTERN REGION										
1	GUJARAT	17	17.96	4.29	3.63	5.88	24	20	33	-27
2	MAH.	18	14.35	4.90	7.39	6.44	34	51	45	-24
SUB-TOTAL		35	32.31	9.19	11.02	12.32	28	34	38	-25
CENTRAL REGION										
1	U.P.	2	6.36	0.86	1.60	1.72	14	25	27	-50
2	UTTARAKHAND	2	4.81	1.51	1.88	2.02	31	39	42	-25
3	M.P.	6	27.32	13.06	10.78	12.19	48	39	45	7
4	CHHATISGARH	2	3.81	1.70	2.47	2.26	44	65	59	-25
SUB-TOTAL		12	42.30	17.13	16.74	18.19	40	40	43	-6
SOUTHERN REGION										
1	AP&TG	2	15.13	0.92	4.55	3.39	6	30	22	-73
2	A.P	1	1.99	0.06	0.31	0.40	3	15	20	-84
3	TELANGANA	2	2.92	0.25	0.55	0.93	9	19	32	-73
4	KARNATAKA	14	23.49	10.84	18.95	13.48	46	81	57	-20
5	KERALA	6	3.83	0.88	3.56	1.93	23	93	50	-54
6	T.N.	6	4.23	0.83	4.10	2.20	20	97	52	-62
SUB-TOTAL		31	51.59	13.79	32.01	22.32	27	62	43	-38
COUNTRY AS A WHOLE		100	163.05	54.26	73.16	67.92	33	45	42	-20

REGIONWISE STORAGE POSITION

(As on 01.08.2019)



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

01.08.2019

STATE	TOTAL NO OF PROJECTS MONITORED	PROJECTS HAVING DEFICIENCY MORE THAN 20% OF AVG. OF LAST 10 YRS.	Current Year's Storage as %age of NORMAL
A.P & TG	2	SRISAILAM	37
		NAGARJUNA SAGAR	0
A.P.	1	SOMASILA	16
Telengana	2	SRIRAMSAGAR	21
		LOWER MANAIR	54
Jharkhand	5	MAITHON	73
		PANCHET HILL	71
		KONAR	44
		TILAIYA	9
		UKAI	50
Gujarat	17	SABARMATI(DHAROI)	15
		KADANA	66
		SHETRUNJI	30
		BHADAR	28
		DANTIWADA	18
		PANAM	73
		WATRAK	5
		HATHMATI	45
		MACHCHHU-I	71
		MACHCHHU-II	59
		UND-I	19
		BRAHMANI	10
Karnataka	14	KRISHNARAJA SAGRA	35
		TUNGABHADRA	39
		BHADRA	51
		LINGANAMAKKI	68
		HEMAVATHY	58
		HARANGI	44
		VANIVILAS SAGAR	7
Kerala	6	KALLADA(PARAPPAR)	80
		IDAMALAYAR	40
		IDUKKI	42
		KAKKI	35
		PERIYAR	35
		MALAMPUZHA	43
Mahaya Pradesh	6	GANDHI SAGAR	40
		TAWA	76
		BARNA	28
Chhattisgarh	2	MINIMATA BANGO	80
		MAHANADI	52
Maharashtra	18	JAYAKWADI(PAITHON)	21
		BHIMA(UJJANI)	33
		ISAPUR	5
		YELDARI	0
		GIRNA	60
		UPPER TAPI	72
		PENCH	0
		UPPER WARDHA	31
Odisha	8	HIRAKUD	39
		BALIMELA	64
		RENGALI	20
		SAPUA	50
Rajasthan	3	RANA PRATAP SAGAR	71
Tamil Nadu	6	LOWER BHAWANI	62
		METTUR(STANLEY)	35
		VAIGAI	26
		PARAMBIKULAM	31
		ALIYAR	3
		SHOLAYAR	29
Uttar Pradesh	2	MATATILA	39
Uttranchal	2	RIHAND	53
		TEHRI	68
West Bengal	2	MAYURAKSHI	71
		KANGSABATI	79

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

01.08.2019

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
A.P & TG	2	SRISAILAM	37
		NAGARJUNA SAGAR	0
A.P.	1	SOMASILA	16
Telengana	2	SRIRAMSAGAR	21
Jharkhand	5	KONAR	44
		TILAIYA	9
		UKAI	50
Gujarat	17	SABARMATI(DHAROI)	15
		SHETRUNJI	30
		BHADAR	28
		DANTIWADA	18
		WATRAK	5
		HATHMATI	45
		UND-I	19
		BRAHMANI	10
		KRISHNARAJA SAGRA	35
Karnataka	14	TUNGABHADRA	39
		HARANGI	44
		VANIVILAS SAGAR	7
		IDAMALAYAR	40
		IDUKKI	42
Kerala	6	KAKKI	35
		PERIYAR	35
		MALAMPUZHA	43
		GANDHI SAGAR	40
Mahaya Pradesh	6	BARNA	28
		JAYAKWADI(PAITHON)	21
Maharashtra	18	BHIMA(UJJANI)	33
		ISAPUR	5
		YELDARI	0
		PENCH (TOTALADOH)	0
		UPPER WARDHA	31
		HIRAKUD	39
Odisha	8	RENGALI	20
		SAPUA	50
		METTUR(STANLEY)	35
Tamil Nadu	6	VAIGAI	26
		PARAMBIKULAM	31
		ALIYAR	3
		SHOLAYAR	29
Uttar Pradesh	2	MATATILA	39

IMD SUB-DIVISIONS HAVING LOW RAINFALL (80% or LESS THAN 80% OF NORMAL) AND STORAGE IN RESERVOIRS FALLING UNDER THESE AREAS AS ON:						
01.08.2019						
RAINFALL POSITION*			STORAGE POSITION			
	CUMULATIVE RAINFALL (mm) (1st June to 24th July 2019)	%AGE DEPARTURE FROM NORMAL	RESERVOIRS BENEFITING IMD SUB-DIVISION	LIVE STORAGE CAPACITY (BCM)	CURRENT STORAGE (BCM)	%AGE DEPARTURE FROM LAST 10 YRS AVG. STORAGE
Gangetic West Bengal	235	-54	Mayurakahi	0.48	0.15	-47
			Maithan	0.47	0.18	-15
			Panchet Hill	0.18	0.11	-32
Odisha	322	-32	Hirakud	5.38	0.72	-29
			Balimela	2.68	0.51	-21
			Salanadi	0.56	0.25	66
			Rengali	3.43	0.21	-80
			Machkud	0.89	0.34	-9
			Upper Kolab	0.94	0.23	-7
			Upper Indravati	1.46	0.62	18
			SAPUA	0.01	0.00	-50
			Konar	0.18	0.04	-56
Jharkhand	253	-44	Tilaiya	0.14	0.01	-91
			Matatila	0.71	0.14	-61
			Ramganga	2.20	0.70	-15
West Uttar Pradesh	191	-26				
Uttarakhand	291	-39	No reservoir monitored by CWC falls under this IMD sub-Division			
Haryana, Chandigarh & Delhi	113	-33	Gobind Sagar	6.23	4.28	32
			Pong Dam	6.16	2.81	13
Himachal Pradesh	174	-43	No reservoir monitored by CWC falls under this IMD sub-Division			
Jammu & Kashmir	166	-24	Thein	2.34	1.36	28
West Rajasthan	64	-45	Gobind Sagar	6.23	4.28	32
			Pong Dam	6.16	2.81	13
East Madhya Pradesh	299	-25	Bargi	3.18	1.59	-5
			Bansagar	5.17	2.74	13
			Indira Sagar	9.75	6.75	62
Gujarat Region	264	-33	Ukai	6.62	1.26	-50
			Sabarmati	0.74	0.04	-85
			Kadana	1.47	0.50	-34
			Damanganga	0.50	0.20	-7
			Dantiwada	0.40	0.02	-82
			Panam	0.70	0.24	-27
			Sukhi	0.17	0.04	-12
			Watrak	0.15	0.00	-95
			Hathmati	0.15	0.01	-55
			Shetrunji	0.30	0.04	-70
Saurashtra, Kutch & Diu	110	-55	Bhadar	0.19	0.02	-72
			Sardar Sarovar	5.76	1.63	55
			Karjan	0.52	0.26	3
			Machchhu-I	0.07	0.02	-29
			Machchhu-II	0.09	0.02	-41
			Und- I	0.07	0.00	-81
			Brahmani	0.07	0.00	-90

RAINFALL POSITION*			STORAGE POSITION			
	CUMULATIVE RAINFALL (mm) (1st June to 24th July 2019)	%AGE DEPARTURE FROM NORMAL	RESERVOIRS BENEFITING IMD SUB-DIVISION	LIVE STORAGE CAPACITY (BCM)	CURRENT STORAGE (BCM)	%AGE DEPARTURE FROM LAST 10 YRS AVG. STORAGE
Marathawada	178	-34	Jayakwadi	2.17	0.06	-79
			Isapur	0.97	0.02	-95
			Yeldari	0.81	-	-100
Vidarbha	239	-41	Yeldari	0.81	-	-100
			Pench (Totladoh)	1.09	-	-100
			Upper Wardha	0.56	0.10	-69
Chhattisgarh	347	-28	Minimata Bango	3.05	1.50	-20
			Mahanadi	0.77	0.20	-48
Coastal Andhra Pradesh	179	-21	N. J. Sagar	6.84	-	-100
			Somasila	1.99	0.06	-84
Telangana	199	-36	N.J.Sagar	6.84	-	-100
			Sriram Sagar	2.30	0.16	-79
			Lower Manair	0.62	0.09	-46
Rayalaseema	110	-22	Srisaillam	8.29	0.92	-63
Tamil Nadu & Pondicherry	78	-31	Lower Bhawani	0.79	0.23	-46
			Mettur	2.65	0.49	-65
			Vaigai	0.17	0.01	-74
			Parambikulam	0.38	0.07	-69
			Aliyar	0.10	0.00	-97
			Malampuzha	0.22	0.05	-57
			Sholayar	0.14	0.03	-71
South Interior Karnataka	239	-23	K.R.Sagar	1.16	0.25	-65
			Tungabhadra	3.28	0.80	-61
			Bhadra	1.79	0.62	-49
			Kabini	0.44	0.27	-4
			Hemavathy	0.93	0.40	-42
			Harangi	0.22	0.09	-56
			V.V.Sagar	0.80	0.01	-93
Kerala	890	-26	Kallada	0.51	0.21	-20
			Idamalayar	1.02	0.21	-60
			Idukki	1.46	0.30	-58

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

WEEKLY REPORT - BASINWISE

WEEK ENDING :- 01.08.2019

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	28.096	7.895	28.10%	9.819	34.95%	10.895	38.78%	-27.54
INDUS	14.730	8.441	57.30%	4.190	28.45%	6.790	46.10%	24.32
NARMADA	21.775	11.302	51.90%	7.242	33.26%	8.726	40.07%	29.52
TAPI	7.394	1.358	18.37%	1.544	20.88%	2.664	36.03%	-49.02
MAHI	4.012	1.730	43.12%	1.992	49.65%	2.014	50.20%	-14.10
SABARMATI	1.042	0.052	4.99%	0.266	25.53%	0.343	32.92%	-84.84
RIVERS OF KUTCH	1.186	0.118	9.95%	0.373	31.45%	0.388	32.72%	-69.59
GODAVARI	15.394	2.623	17.04%	5.094	33.09%	4.957	32.20%	-47.08
KRISHNA	33.104	10.036	30.32%	18.643	56.32%	14.456	43.67%	-30.58
MAHANADI & NEIGHBOURING EFRS	13.187	2.876	21.81%	5.874	44.54%	5.330	40.42%	-46.04
CAUVERY & NEIGHBOURING EFRS	8.359	1.795	21.47%	6.540	78.24%	4.085	48.87%	-56.06
WEST FLOWING RIVERS OF SOUTH	14.766	6.032	40.85%	11.585	78.46%	7.274	49.26%	-17.07
TOTAL	163.045	54.258		73.162		67.922		
PERCENTAGE								-20.12

WEEKLY REPORT OF 100 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 01.08.2019

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
NORTHERN REGION											
<u>HIMACHAL PRADESH</u>											
*1	GOBIND SAGAR(BHAKRA)	512.06	502.98	6.229	4.276	01-08-2019	69	28	52	676	1200
*2	PONG DAM	423.67	409.44	6.157	2.805	01-08-2019	46	22	40	-	360
<u>PUNJAB</u>											
*3	THEIN	527.91	514.12	2.344	1.360	29-07-2019	58	46	45	348	600
<u>RAJASTHAN</u>											
*4	MAHI BAJAJ SAGAR	280.75	273.90	1.711	0.940	31-07-2019	55	55	51	63	140
5	JHAKAM	359.50	349.35	0.132	0.051	31-07-2019	39	39	47	28	-
*6	RANA PRATAP SAGAR	352.81	347.57	1.436	0.518	01-08-2019	36	43	51	229	172
<u>EASTERN REGION</u>											
<u>JHARKHAND</u>											
7	TENUGHAT	269.14	258.47	0.821	0.359	31-07-2019	44	44	40	-	-
8	MAITHON	146.3	140.60	0.471	0.180	31-07-2019	38	52	52	342	-
*9	PANCHET HILL	124.97	123.21	0.184	0.105	31-07-2019	57	100	80	\$	80
10	KONAR	425.81	415.92	0.176	0.036	31-07-2019	20	21	47	\$	-
11	TILAIYA	368.81	363.71	0.142	0.005	31-07-2019	4	20	39	\$	4
<u>ODISHA</u>											
*12	HIRAKUD	192.02	182.96	5.378	0.720	01-08-2019	13	34	34	153	307
*13	BALIMELA	462.08	445.56	2.676	0.512	31-07-2019	19	38	30	-	360
14	SALANADI	82.30	71.32	0.558	0.245	31-07-2019	44	55	27	42	-
*15	RENGALI	123.50	111.09	3.432	0.213	31-07-2019	6	36	31	3	200
*16	MACHKUND(JALPUT)	838.16	829.82	0.893	0.335	31-07-2019	38	48	41	-	115
*17	UPPER KOLAB	858.00	849.06	0.935	0.231	31-07-2019	25	34	27	89	320
*18	UPPER INDRAVATI	642.00	633.50	1.456	0.623	31-07-2019	43	49	36	128	600
19	SAPUA	168.50	164.62	0.006	0.002	01-08-2019	33	50	67	0	0
<u>WEST BENGAL</u>											
20	MAYURAKSHI	121.31	113.04	0.480	0.148	31-07-2019	31	33	44	227	-
21	KANGSABATI	134.14	125.85	0.914	0.313	31-07-2019	34	46	43	341	-
<u>TRIPURA</u>											
22	GUMTI	93.55	90.10	0.312	0.178	31-07-2019	57	93	49	-	15
<u>WESTERN REGION</u>											
<u>GUJARAT</u>											
*23	UKAI	105.16	91.04	6.615	1.258	01-08-2019	19	20	38	348	300
24	SABARMATI(DHAROI)	189.59	177.99	0.735	0.039	31-07-2019	5	23	35	95	1
*25	KADANA	127.7	119.48	1.472	0.498	31-07-2019	34	44	51	200	120
26	SHETRANJI	55.53	49.07	0.300	0.036	31-07-2019	12	45	40	36	-
27	BHADAR	107.89	101.41	0.188	0.020	31-07-2019	11	51	38	27	-
28	DAMANAGANGA	79.86	72.50	0.502	0.196	01-08-2019	39	37	42	51	1
29	DANTIWADA	184.1	166.22	0.399	0.016	31-07-2019	4	20	23	45	-
30	PANAM	127.41	121.60	0.697	0.241	31-07-2019	35	50	47	36	2
*31	SARDAR SAROVAR	138.68	122.25	5.760	1.626	01-08-2019	28	2	18	2120	1450
32	KARJAN	115.25	104.77	0.523	0.262	01-08-2019	50	63	49	51	3
33	SUKHI	147.82	140.50	0.167	0.038	01-08-2019	23	20	26	20.701	0
34	WATRAK	136.25	127.02	0.154	0.003	01-08-2019	2	29	40	22.977	0
35	HATHMATI	180.74	173.28	0.153	0.010	01-08-2019	7	35	14	5.166	0
36	MACHCHHU-I	135.33	129.46	0.071	0.017	01-08-2019	24	17	34	-	0
37	MACHCHHU-II	57.3	52.43	0.091	0.023	01-08-2019	25	12	43	10.13	0
38	UND-I	98	91.50	0.066	0.004	01-08-2019	6	45	32	9.9	0
39	BRAHMANI	64.62	57.24	0.071	0.002	01-08-2019	3	11	30	6.413	0

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S. NO	NAME OF RESERVOIR	FRL (m)	CURRENT RESERVOIR LEVEL (m)	LIVE CAPACITY AT FRL (BCM)	CURRENT LIVE STORAGE (BCM)	DATE	STORAGE AS % OF LIVE CAPACITY AT FRL			BENEFITS	
							CURRENT YEAR	LAST YEAR	LAST 10 YEARS AVERAGE	IRR. (CCA) IN TH. HA	HYDEL IN MW
1	2	4	6	5	7	8	9	10	11	3A	3B
<u>MAHARASHTRA</u>											
40	JAYAKWADI(PAITHON)	463.91	455.89	2.171	0.064	01-08-2019	3	32	14	227	-
*41	KOYANA	657.90	651.69	2.652	2.043	01-08-2019	77	87	75	-	1920
42	BHIMA(UJJANI)	496.83	491.60	1.517	0.116	31-07-2019	8	34	23	125	12
43	ISAPUR	441.00	426.51	0.965	0.020	01-08-2019	2	33	39	104	-
44	MULA	552.30	543.85	0.609	0.243	01-08-2019	40	53	43	139	-
45	YELDARI	461.77	446.10	0.809	0.000	01-08-2019	0	0	15	78	-
46	GIRNA	398.07	384.40	0.524	0.049	01-08-2019	9	27	15	79	-
47	KHADAKVASLA	582.47	582.47	0.056	0.056	01-08-2019	100	100	86	78	8
*48	UPPER VAITARNA	603.50	599.33	0.331	0.202	30-07-2019	61	79	62	-	61
49	UPPER TAPI	214.00	209.67	0.255	0.051	01-08-2019	20	20	28	45	-
*50	PENCH (TOTALADOH)	490.00	460.10	1.091	0.000	01-08-2019	0	20	43	127	160
51	UPPER WARDHA	342.50	335.35	0.564	0.102	01-08-2019	18	46	58	70	-
52	BHATSA	142.07	137.90	0.942	0.831	30-07-2019	88	83	67	29.378	15
53	DHOM	747.70	740.45	0.331	0.184	01-08-2019	56	81	60	36.2	2
54	DUDHGANGA	646.00	636.37	0.664	0.402	30-07-2019	61	88	70	2.441	24
55	MANIKDOH (KUKADI)	711.25	700.26	0.288	0.124	01-08-2019	43	42	34	2.2	6
56	BHANDARDARA	744.91	741.24	0.304	0.239	01-08-2019	79	84	71	63.74	46
57	URMODI	696.00	689.50	0.273	0.178	01-08-2019	65	85	78	37	3
<u>CENTRAL REGION</u>											
<u>UTTAR PRADESH</u>											
58	MATATILA	308.46	302.57	0.707	0.136	31-07-2019	19	27	50	-	30
*59	RIHAND	268.22	255.57	5.649	0.723	01-08-2019	13	25	24	-	300
<u>UTTRAKHAND</u>											
*60	RAMGANGA	365.30	339.75	2.196	0.703	01-08-2019	32	26	38	1897	198
*61	TEHRI	830.00	776.75	2.615	0.806	31-07-2019	31	50	46	2351	1000
<u>MADHYA PRADESH</u>											
*62	GANDHI SAGAR	399.90	386.14	6.827	0.941	31-07-2019	14	22	35	220	115
63	TAWA	355.40	348.39	1.944	0.967	01-08-2019	50	43	65	247	-
*64	BARGI	422.76	416.25	3.180	1.590	01-08-2019	50	82	53	157	90
*65	BANSAGAR	341.64	335.70	5.166	2.744	31-07-2019	53	48	47	488	425
*66	INDIRA SAGAR	262.13	254.85	9.745	6.746	01-08-2019	69	33	43	2380	1000
67	BARNA	348.55	341.00	0.456	0.073	01-08-2019	16	32	57	546	-
<u>CHHATTIS GARH</u>											
*68	MINIMATA BANGOI	359.66	350.36	3.046	1.495	01-08-2019	49	73	61	-	120
69	MAHANADI	348.70	341.00	0.767	0.201	31-07-2019	26	34	51	319	10
<u>SOUTHERN REGION</u>											
<u>A.P & TG</u>											
*70	SRISAILAM	269.75	247.65	8.288	0.916	01-08-2019	11	53	30	0	770
*71	NAGARJUNA SAGAR	179.83	154.47	6.841	0.000	01-08-2019	0	2	13	895	810
<u>ANDHRA PRADESH</u>											
72	SOMASILA	100.58	76.76	1.994	0.064	01-08-2019	3	15	20	168	0
<u>TELANGANA</u>											
73	SRIRAMSAGAR	332.54	319.74	2.300	0.160	01-08-2019	7	20	33	411	27
74	LOWER MANAIR	280.42	268.56	0.621	0.094	01-08-2019	15	16	28	199	60
<u>KARNATAKA</u>											
75	KRISHNARAJA SAGRA	752.50	740.40	1.163	0.250	31-07-2019	21	100	62	79	-
*76	TUNGABHADRA	497.74	489.55	3.276	0.804	01-08-2019	25	83	62	529	72
77	GHATAPRABHA	662.95	655.85	1.391	0.906	01-08-2019	65	95	65	317	-
78	BHADRA	657.76	645.26	1.785	0.622	01-08-2019	35	97	68	106	39
79	LINGANAMAKKI	554.43	542.01	4.294	1.467	01-08-2019	34	76	50	-	55
80	NARAYANPUR	492.25	490.93	0.863	0.578	01-08-2019	67	79	72	425	-
81	MALAPRABHA(RENUKA)	633.83	628.01	0.972	0.451	31-07-2019	46	46	33	215	-
82	KABINI(Sancherla Tank)	696.16	692.95	0.444	0.272	01-08-2019	61	96	64	85	-
83	HEMAVATHY	890.63	881.58	0.927	0.397	01-08-2019	43	100	74	265	-
84	HARANGI	871.42	863.91	0.220	0.089	01-08-2019	40	99	92	53	-
85	SUPA	564.00	546.20	4.120	2.247	01-08-2019	55	69	40	-	-
86	VANIVILAS SAGAR	652.28	631.43	0.802	0.006	31-07-2019	1	0	11	123	-
*87	ALMATTI	519.60	518.55	3.105	2.650	01-08-2019	85	100	81	@	290
*88	GERUSOPPA	55.00	50.49	0.130	0.104	01-08-2019	80	72	79	83	240

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							CURRENT YEAR	LAST YEAR	LAST 10 YEARS AVERAGE	IRR. (CCA) IN TH. HA	HYDEL IN MW
1	2	4	6	5	7	8	9	10	11	3A	3B
<u>KERALA</u>											
89	KALLADA(PARAPPAR)	115.82	101.72	0.507	0.213	01-08-2019	42	92	52	62	-
*90	IDAMALAYAR	169.00	134.05	1.018	0.206	01-08-2019	20	94	51	33	75
*91	IDUKKI	732.43	705.89	1.460	0.296	01-08-2019	20	92	48	-	780
*92	KAKKI	981.46	944.38	0.447	0.083	01-08-2019	19	94	53	23	300
*93	PERIYAR	867.41	860.24	0.173	0.029	01-08-2019	17	90	49	84	140
94	MALAMPUZHA	115.06	105.06	0.224	0.054	01-08-2019	24	96	56	21	3
<u>TAMIL NADU</u>											
95	LOWER BHAWANI	278.89	267.43	0.792	0.228	01-08-2019	29	97	47	105	8
*96	METTUR(STANLEY)	240.79	219.13	2.647	0.485	01-08-2019	18	100	52	122	360
97	VAIGAI	279.20	266.69	0.172	0.010	01-08-2019	6	49	22	61	6
98	PARAMBIKULAM	556.26	539.51	0.380	0.071	01-08-2019	19	99	61	101	-
99	ALIYAR	320.04	301.51	0.095	0.002	01-08-2019	2	98	62	#	60
*100	SHOLAYAR	1002.79	978.29	0.143	0.031	01-08-2019	22	92	76	-	95
TOTAL FOR 100 RESERVOIRS				163.045	54.258						
PERCENTAGE							33	45	42		

Sd/-

* HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

Director

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

W. M. , CWC

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.

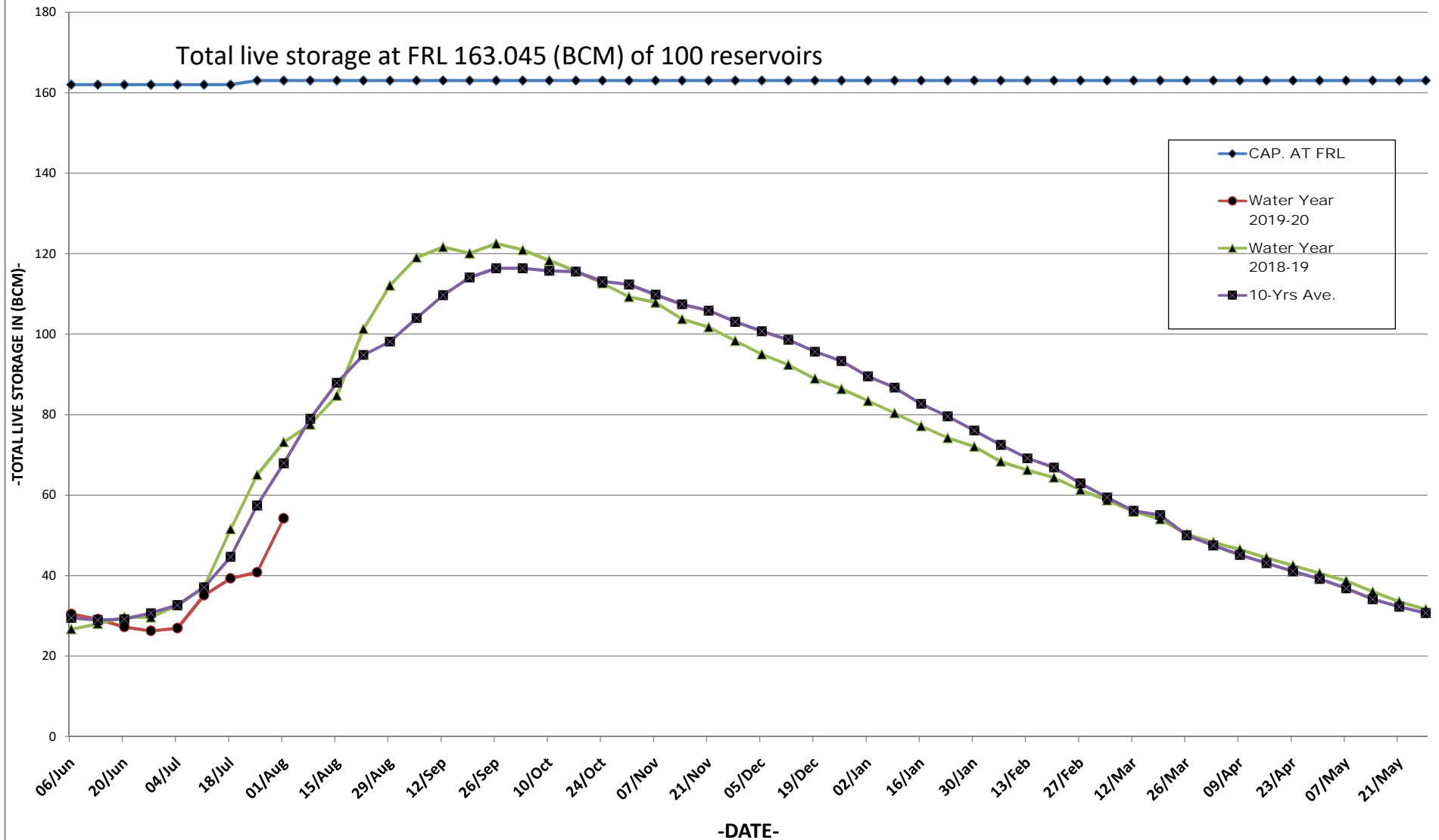
01.08.2019

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.	2	12.39	7.04	3.03	5.65
2	PUNJAB	1	2.34	1.24	0.86	0.87
3	RAJASTHAN	3	3.28	0.43	-1.95	-1.02
SUB-TOTAL		6	18.01	8.72	1.94	5.51
EASTERN REGION						
1	JHARKHAND	5	1.79	0.08	0.30	0.05
2	ORISSA	8	15.33	1.66	3.47	2.94
3	W. BENGAL	2	1.39	0.39	0.14	0.36
4	TRIPURA	1	0.31	-0.71	-0.58	-0.43
SUB-TOTAL		16	18.83	1.42	3.33	2.92
WESTERN REGION						
1	GUJARAT	17	17.96	1.14	0.38	1.31
2	MAH.	18	14.35	-4.87	-7.39	-6.56
SUB-TOTAL		35	32.31	-3.73	-7.01	-5.25
CENTRAL REGION						
1	U.P.	2	6.36	0.40	0.93	1.04
2	UTTARAKHAND	2	4.81	0.94	-1.49	0.44
3	M.P.	6	27.32	12.18	7.62	10.42
4	CHHATISGARH	2	3.81	1.05	1.68	-0.06
SUB-TOTAL		12	42.30	14.57	8.75	11.84
SOUTHERN REGION						
1	AP&TG	2	15.13	0.12	1.55	1.18
2	A.P	1	1.99	0.00	-0.01	-0.01
3	TELANGANA	2	2.92	0.01	0.00	0.12
4	KARNATAKA	14	23.49	0.81	6.22	1.72
5	KERALA	6	3.83	-4.72	-3.47	-2.99
6	T.N.	6	4.23	-1.27	1.04	-0.54
SUB-TOTAL		31	51.59	-5.05	5.34	-0.51
COUNTRY AS A WHOLE		100	163.05	15.93	12.34	14.50

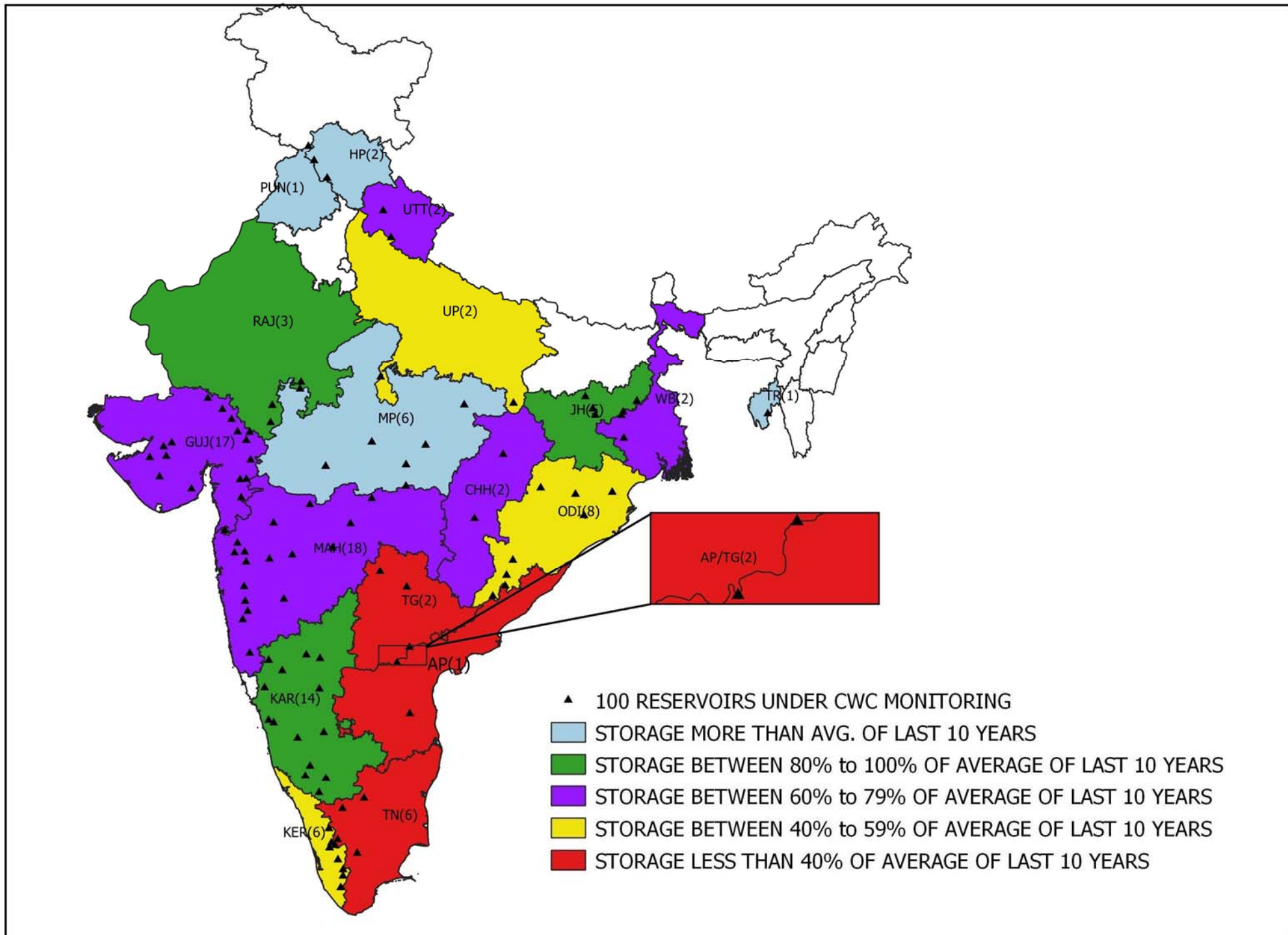
STORAGE POSITION OF 100 IMPORTANT RESERVOIRS IN INDIA (WATER YEAR 2019-2020)

AS ON 01.08.2019



Map Indicating Statewise Storage Position

(As on 01.08.2019)



WEEKLY REPORT OF 100 IMPORTANT RESERVOIRS OF INDIA																		
WEEK ENDING																		
01.08.2019																		
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	SRISAILAM	(AP/TG)	0	770	269.75	8.288	01-08-2019	247.65	0.916	11	266.36	4.384	53	2.468	30	21	37	*1
*2	NAGARJUNA SAGAR	(AP/TG)	895	810	179.83	6.841	01-08-2019	154.47	0.000	0	156.45	0.161	2	0.920	13	0	0	*2
3	SOMASILA	(A.P)	168	0	100.58	1.994	01-08-2019	76.76	0.064	3	84.19	0.306	15	0.395	20	21	16	3
4	SRIRAMSAGAR	(TG)	411	27	332.54	2.3	01-08-2019	319.74	0.160	7	323.70	0.451	20	0.760	33	35	21	4
5	LOWER MANAIR	(TG)	199	60	280.42	0.621	01-08-2019	268.56	0.094	15	268.68	0.097	16	0.174	28	97	54	5
6	TENUGHAT	(JHAR)	-	-	269.14	0.821	31-07-2019	258.47	0.359	44	258.59	0.363	44	0.331	40	99	108	6
7	MAITHON	(JHAR)	342	-	146.30	0.471	31-07-2019	140.60	0.180	38	142.35	0.247	52	0.245	52	73	73	7
*8	PANCHET HILL	(JHAR)	\$	80	124.97	0.184	31-07-2019	123.21	0.105	57	125.25	0.184	100	0.148	80	57	71	*8
9	KONAR	(JHAR)	\$	-	425.81	0.176	31-07-2019	415.92	0.036	20	416.13	0.037	21	0.082	47	97	44	9
10	TILAIYA	(JHAR)	\$	4	368.81	0.142	31-07-2019	363.71	0.005	4	365.01	0.029	20	0.055	39	17	9	10
*11	UKAI	(GUJ)	348	300	105.16	6.615	01-08-2019	91.04	1.258	19	91.51	1.350	20	2.512	38	93	50	*11
12	SABARMATI(DHAROI)	(GUJ)	95	1	189.59	0.735	31-07-2019	177.99	0.039	5	181.88	0.167	23	0.260	35	23	15	12
*13	KADANA	(GUJ)	200	120	127.70	1.472	31-07-2019	119.48	0.498	34	121.77	0.655	44	0.752	51	76	66	*13
14	SHETRUNJI	(GUJ)	36	-	55.53	0.300	31-07-2019	49.07	0.036	12	52.92	0.136	45	0.121	40	26	30	14
15	BHADAR	(GUJ)	27	-	107.89	0.188	31-07-2019	101.41	0.020	11	105.34	0.096	51	0.071	38	21	28	15
16	DAMANAGANGA	(GUJ)	51	1	79.86	0.502	01-08-2019	72.50	0.196	39	72.20	0.187	37	0.211	42	105	93	16
17	DANTIWADA	(GUJ)	45	-	184.10	0.399	31-07-2019	166.22	0.016	4	172.46	0.080	20	0.091	23	20	18	17
18	PANAM	(GUJ)	36	2	127.41	0.697	31-07-2019	121.60	0.241	35	124.05	0.351	50	0.329	47	69	73	18
*19	SARDAR SAROVAR	(GUJ)	2120	1450	138.68	5.760	01-08-2019	122.25	1.626	28	111.48	0.090	2	1.051	18	1807	155	*19
20	KARJAN	(GUJ)	51	3	115.25	0.523	01-08-2019	104.77	0.262	50	108.07	0.328	63	0.254	49	80	103	20
21	SUKHI	(GUJ)	20.701	0	147.82	0.167	01-08-2019	140.50	0.038	23	140.10	0.034	20	0.043	26	112	88	21
22	WATRAK	(GUJ)	22.977	0	136.25	0.154	01-08-2019	127.02	0.003	2	131.70	0.045	29	0.061	40	7	5	22
23	HATHMATI	(GUJ)	5.166	0	180.74	0.153	01-08-2019	173.28	0.010	7	177.76	0.054	35	0.022	14	19	45	23
24	MACHCHHU-I	(GUJ)	-	0	135.33	0.071	01-08-2019	129.46	0.017	24	128.28	0.012	17	0.024	34	142	71	24
25	MACHCHHU-II	(GUJ)	10.13	0	57.30	0.091	01-08-2019	52.43	0.023	25	50.86	0.011	12	0.039	43	209	59	25
26	UND-I	(GUJ)	9.9	0	98.00	0.066	01-08-2019	91.50	0.004	6	95.15	0.030	45	0.021	32	13	19	26
27	BRAHMANI	(GUJ)	6.413	0	64.62	0.071	01-08-2019	57.24	0.002	3	59.33	0.008	11	0.021	30	25	10	27
*28	GOBIND SAGAR(BHAKRA)	(H.P)	676	1200	512.06	6.229	01-08-2019	502.98	4.276	69	477.84	1.722	28	3.237	52	248	132	*28
*29	PONG DAM	(H.P)	-	360	423.67	6.157	01-08-2019	409.44	2.805	46	399.62	1.382	22	2.488	40	203	113	*29
30	KRISHNARAJA SAGRA	(KAR)	79	-	752.50	1.163	31-07-2019	740.40	0.250	21	751.86	1.163	100	0.718	62	21	35	30
*31	TUNGABHADRA	(KAR)	529	72	497.74	3.276	01-08-2019	489.55	0.804	25	497.39	2.731	83	2.045	62	29	39	*31
32	GHATAPRABHA	(KAR)	317	-	662.95	1.391	01-08-2019	655.85	0.906	65	662.00	1.320	95	0.902	65	69	100	32
33	BHADRA	(KAR)	106	39	657.76	1.785	01-08-2019	645.26	0.622	35	657.33	1.735	97	1.210	68	36	51	33
34	LINGANAMAKKI	(KAR)	-	55	554.43	4.294	01-08-2019	542.01	1.467	34	550.83	3.261	76	2.143	50	45	68	34
35	NARAYANPUR	(KAR)	425	-	492.25	0.863	01-08-2019	490.93	0.578	67	491.81	0.683	79	0.622	72	85	93	35
36	MALAPRABHA(RENUKA)	(KAR)	215	-	633.83	0.972	31-07-2019	628.01	0.451	46	628.88	0.451	46	0.325	33	100	139	36
37	KABINI(Sancherla Tank)	(KAR)	85	-	696.16	0.444	01-08-2019	692.95	0.272	61	695.91	0.428	96	0.282	64	64	96	37
38	HEMAVATHY	(KAR)	265	-	890.63	0.927	01-08-2019	881.58	0.397	43	890.11	0.927	100	0.690	74	43	58	38
39	HARANGI	(KAR)	53	-	871.42	0.220	01-08-2019	863.91	0.089	40	871.07	0.218	99	0.203	92	41	44	39
40	SUPA	(KAR)	-	-	564.00	4.120	01-08-2019	546.20	2.247	55	552.55	2.841	69	1.651	40	79	136	40
41	VANIVILAS SAGAR	(KAR)	123	-	652.28	0.802	31-07-2019	631.43	0.006	1	631.28	0.004	0	0.085	11	150	7	41
*42	ALMATTI	(KAR)	@	290	519.60	3.105	01-08-2019	518.55	2.650	85	519.52	3.097	100	2.503	81	86	106	*42
*43	GERUSOPPA	(KAR)	83	240	55.00	0.130	01-08-2019	50.49	0.104	80	49.51	0.094	72	0.103	79	111	101	*43

WEEKLY REPORT OF 100 IMPORTANT RESERVOIRS OF INDIA																		
WEEK ENDING																		
01.08.2019																		
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
44	KALLADA(PARAPPAR)	(KRL)	62	-	115.82	0.507	01-08-2019	101.72	0.213	42	115.02	0.466	92	0.266	52	46	80	44
*45	IDAMALAYAR	(KRL)	33	75	169.00	1.018	01-08-2019	134.05	0.206	20	167.03	0.961	94	0.520	51	21	40	*45
*46	IDUKKI	(KRL)	-	780	732.43	1.460	01-08-2019	705.89	0.296	20	730.25	1.338	92	0.697	48	22	42	*46
*47	KAKKI	(KRL)	23	300	981.46	0.447	01-08-2019	944.38	0.083	19	980.11	0.422	94	0.237	53	20	35	*47
*48	PERIYAR	(KRL)	84	140	867.41	0.173	01-08-2019	860.24	0.029	17	866.84	0.155	90	0.084	49	19	35	*48
49	MALAMPUZHA	(KRL)	21	3	115.06	0.224	01-08-2019	105.06	0.054	24	114.86	0.216	96	0.125	56	25	43	49
*50	GANDHI SAGAR	(M.P.)	220	115	399.90	6.827	31-07-2019	386.14	0.941	14	388.43	1.527	22	2.380	35	62	40	*50
51	TAWA	(M.P.)	247	-	355.40	1.944	01-08-2019	348.39	0.967	50	347.17	0.833	43	1.273	65	116	76	51
*52	BARGI	(M.P.)	157	90	422.76	3.180	01-08-2019	416.25	1.590	50	420.55	2.604	82	1.682	53	61	95	*52
*53	BANSAGAR	(M.P.)	488	425	341.64	5.166	31-07-2019	335.70	2.744	53	334.56	2.464	48	2.432	47	111	113	*53
*54	INDIRA SAGAR	(M.P.)	2380	1000	262.13	9.745	01-08-2019	254.85	6.746	69	252.83	3.207	33	4.162	43	210	162	*54
55	BARNA	(M.P.)	546	-	348.55	0.456	01-08-2019	341.00	0.073	16	343.17	0.146	32	0.261	57	50	28	55
*56	MINIMATA BANGOI	(CHH.)	-	120	359.66	3.046	01-08-2019	350.36	1.495	49	355.55	2.216	73	1.872	61	67	80	*56
57	MAHANADI	(CHH.)	319	10	348.70	0.767	31-07-2019	341.00	0.201	26	341.98	0.257	34	0.388	51	78	52	57
58	JAYAKWADI(PAITHON)	(MAH)	227	-	463.91	2.171	01-08-2019	455.89	0.064	3	459.21	0.700	32	0.301	14	9	21	58
*59	KOYANA	(MAH)	-	1920	657.90	2.652	01-08-2019	651.69	2.043	77	654.74	2.296	87	1.999	75	89	102	*59
60	BHIMA(UJJANI)	(MAH)	125	12	496.83	1.517	31-07-2019	491.60	0.116	8	493.39	0.519	34	0.355	23	22	33	60
61	ISAPUR	(MAH)	104	-	441.00	0.965	01-08-2019	426.51	0.020	2	432.58	0.315	33	0.376	39	6	5	61
62	MULA	(MAH)	139	-	552.30	0.609	01-08-2019	543.85	0.243	40	546.07	0.323	53	0.261	43	75	93	62
63	YELDARI	(MAH)	78	-	461.77	0.809	01-08-2019	446.10	0.000	0	447.70	0.000	0	0.118	15	100	0	63
64	GIRNA	(MAH)	79	-	398.07	0.524	01-08-2019	384.40	0.049	9	388.14	0.143	27	0.081	15	34	60	64
65	KHADAKVASLA	(MAH)	78	8	582.47	0.056	01-08-2019	582.47	0.056	100	582.47	0.056	100	0.048	86	100	117	65
*66	UPPER VAITARNA	(MAH.)	-	61	603.50	0.331	30-07-2019	599.33	0.202	61	601.32	0.262	79	0.204	62	77	99	*66
67	UPPER TAPI	(MAH.)	45	-	214.00	0.255	01-08-2019	209.67	0.051	20	209.67	0.051	20	0.071	28	100	72	67
*68	PENCH (TOTALADOH)	(MAH.)	127	160	490.00	1.091	01-08-2019	460.10	0.000	0	474.90	0.221	20	0.473	43	0	0	*68
69	UPPER WARDHA	(MAH.)	70	-	342.50	0.564	01-08-2019	335.35	0.102	18	338.42	0.258	46	0.327	58	40	31	69
70	BHATSA	(MAH.)	29.378	15	142.07	0.942	30-07-2019	137.90	0.831	88	135.94	0.782	83	0.634	67	106	131	70
71	DHOM	(MAH.)	36.2	2	747.7	0.331	01-08-2019	740.45	0.184	56	744.83	0.267	81	0.198	60	69	93	71
72	DUDHGANGA	(MAH.)	2.441	24	646	0.664	30-07-2019	636.37	0.402	61	643.21	0.587	88	0.465	70	68	86	72
73	MANIKDOH (KUKADI)	(MAH.)	2.2	6	711.25	0.288	01-08-2019	700.26	0.124	43	699.95	0.120	42	0.097	34	103	128	73
74	BHANDARDARA	(MAH.)	63.74	46	744.91	0.304	01-08-2019	741.24	0.239	79	742.28	0.255	84	0.216	71	94	111	74
75	URMODI	(MAH.)	37	3	696	0.273	01-08-2019	689.50	0.178	65	693.35	0.232	85	0.214	78	77	83	75
*76	HIRAKUD	(ODI)	153	307	192.02	5.378	01-08-2019	182.96	0.720	13	186.36	1.838	34	1.841	34	39	39	*76
*77	BALIMELA	(ODI)	-	360	462.08	2.676	31-07-2019	445.56	0.512	19	450.56	1.009	38	0.806	30	51	64	*77
78	SALANADI	(ODI)	42	-	82.30	0.558	31-07-2019	71.32	0.245	44	73.98	0.309	55	0.148	27	79	166	78
*79	RENGALI	(ODI)	3	200	123.50	3.432	31-07-2019	111.09	0.213	6	116.21	1.251	36	1.077	31	17	20	*79
*80	MACHKUND(JALPUT)	(ODI)	-	115	838.16	0.893	31-07-2019	829.82	0.335	38	831.65	0.429	48	0.370	41	78	91	*80
*81	UPPER KOLAB	(ODI)	89	320	858.00	0.935	31-07-2019	849.06	0.231	25	850.58	0.320	34	0.248	27	72	93	*81
*82	UPPER INDRAVATI	(ODI)	128	600	642.00	1.456	31-07-2019	633.50	0.623	43	634.64	0.716	49	0.527	36	87	118	*82
83	SAPUA	(ODI)	0	0	168.50	0.006	01-08-2019	164.62	0.002	33	165.60	0.003	50	0.004	67	67	50	83
*84	THEIN	(PUN)	348	600	527.91	2.344	29-07-2019	514.12	1.360	58	509.55	1.086	46	1.065	45	125	128	*84
*85	MAHI BAJAJ SAGAR	(RAJ)	63	140	280.75	1.711	31-07-2019	273.90	0.940	55	273.85	0.935	55	0.871	51	101	108	*85
86	JHAKAM	(RAJ)	28	-	359.50	0.132	31-07-2019	349.35	0.051	39	349.45	0.051	39	0.062	47	100	82	86
*87	RANA PRATAP SAGAR	(RAJ)	229	172	352.81	1.436	01-08-2019	347.57	0.518	36	348.26	0.617	43	0.731	51	84	71	*87

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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
88	LOWER BHAWANI	(TN)	105	8	278.89	0.792	01-08-2019	267.43	0.228	29	278.24	0.767	97	0.370	47	30	62	88
*89	METTUR(STANLEY)	(TN)	122	360	240.79	2.647	01-08-2019	219.13	0.485	18	240.81	2.647	100	1.389	52	18	35	*89
90	VAIGAI	(TN)	61	6	279.20	0.172	01-08-2019	266.69	0.010	6	274.79	0.084	49	0.038	22	12	26	90
91	PARAMBIKULAM	(TN)	101	-	556.26	0.380	01-08-2019	539.51	0.071	19	556.03	0.375	99	0.232	61	19	31	91
92	ALIYAR	(TN)	#	60	320.04	0.095	01-08-2019	301.51	0.002	2	319.71	0.093	98	0.059	62	2	3	92
*93	SHOLAYAR	(TN)	-	95	1002.79	0.143	01-08-2019	978.29	0.031	22	1003.45	0.132	92	0.108	76	23	29	*93
94	GUMTI	(TRP)	-	15	93.55	0.312	31-07-2019	90.10	0.178	57	93.05	0.289	93	0.153	49	62	116	94
95	MATATILA	(UP)	-	30	308.46	0.707	31-07-2019	302.57	0.136	19	303.52	0.193	27	0.352	50	70	39	95
*96	RIHAND	(UP)	-	300	268.22	5.649	01-08-2019	255.57	0.723	13	257.74	1.406	25	1.366	24	51	53	*96
*97	RAMGANGA	(UTT)	1897	198	365.30	2.196	01-08-2019	339.75	0.703	32	329.08	0.570	26	0.826	38	123	85	*97
*98	TEHRI	(UTT)	2351	1000	830.00	2.615	31-07-2019	776.75	0.806	31	794.50	1.312	50	1.191	46	61	68	*98
99	MAYURAKSHI	(WB)	227	-	121.31	0.480	31-07-2019	113.04	0.148	31	113.33	0.156	33	0.209	44	95	71	99
100	KANGSABATI	(WB)	341	-	134.14	0.914	31-07-2019	125.85	0.313	34	127.91	0.425	46	0.394	43	74	79	100
TOTAL FOR 100 RESERVOIRS			20166.2	16085		163.045		54.258			73.162			67.922				
PERCENTAGE								33			45			42		74	80	

* 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