BRIEF NOTE ON LIVE STORAGE STATUS OF 91 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 30.11.2017)

1. ALL INDIA STATUS

Central Water Commission is monitoring live storage status of 91 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 91 reservoirs is 157.799 BCM which is about 62% of the live storage capacity of 253.388 BCM which is estimated to have been created in the country. As per reservoir storage bulletin dated 30.11.2017, live storage available in these reservoirs is 98.578 BCM, which is 62% of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was 103.099 BCM and the average of last 10 years live storage was 103.734 BCM. Thus, the live storage available in 91 reservoirs as per 30.11.2017 Bulletin is 96% of the live storage of corresponding period of last year and 95% of storage of average of last ten years.

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 30.11.2017, the total live storage available in these reservoirs is 11.81 BCM which is 66% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 59% and average storage of last ten years during corresponding period was 66% of live storage capacity of these reservoirs. Thus, storage during current year is better than the corresponding period of last year and is equal to 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 15 reservoirsunder CWC monitoring having total live storage capacity of 18.83 BCM. As per Reservoir Storage Bulletin dated 30.11.2017, the total live storage available in these reservoirs is 14.32 BCM which is 76% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 82% 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 corresponding period of last year but is 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 27 reservoirs under CWC monitoring having total live storage capacity of 27.07 BCM. As per Reservoir Storage Bulletin dated 30.11.2017, the total live storage available in these reservoirs is 19.32 BCM which is 71% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 78% 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 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 30.11.2017, the total live storage available in these reservoirs is 24.15 BCM which is 57% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 83% 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 less than the storage of last year and is also 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 30.11.2017, the total live storage available in these reservoirs is 28.99 BCM which is 56% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 41% 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 but is 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 4, better than normal storage is available in Ganga, Mahi, Indus, Sabarmati, Mahanadi & Neighbouring East Flowing Rivers and Rivers of Kutch. Close to Normal in Godavari, Krishna, Cauvery & neighbouring EFRs and West Flowing Rivers of South. Deficient in Narmada and Tapi basin and NIL in Highly Deficient.
- Table on page 5-7 of the bulletin. The numbers of reservoirs having storage more than last year are 52 and reservoirs having storage more than average of last ten years are 46. The numbers of reservoirs having storage less than 20% with respect to last year is 0 and having storage less than 20% with reference to average of last ten years is 1. The number of reservoirs having storage less than or equal to 50% with respect to last year are 5 and having storage less than or equal to 50% with reference to average of last ten years are 9.

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 30.11.2017

- 1 Central Water Commission is monitoring storage status of 91 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.
- 2 The total live storage in 91 important reservoirs in different parts of the country, monitored by CWC as on
 30.11.2017 is 98.578 BCM (62 percent of the live storage capacity at FRL). The current year's storage is nearly 96 percent of last year's storage and 95 percent of the average of last ten years.

3 Region wise storage status:

		Filling	positio	n of 91	reserv	oirs w	.r.t. FR	L			
REGION (States), (Monitoring No. of Reservoirs)	100%	91%- 99%	81%- 90%	71%- 80%	61%- 70%	51%- 60%	41%- 50%	40% & below	Departure fr stor		
NORTH (HP,Punjab & Rajasthan), (6 Resv.)	1	1	1	1	1	-	1	1	H.P. PUNJAB RAJASTHAN	3 % -14 % -7 %	
EAST (Jharkhand,Odisha, Tripura & W.Bengal (15 Resv.)	2	4	2	1	1	2	3	-	JHARKHAND ODISHA W. BENGAL TRIPURA	4 % 0 % 95 % 77 %	
WEST (Guj.& Mah.), (27 Resv.)	3	7	7	3	2	1	1	3	GUJARAT MAH.	-13 % 12 %	
CENTRAL (MP,UP,Uttarakhand & Chh.), (12 Resv)	-	-	2	-	3	3	2	2	U.P. UTTARAKHAND M.P. CHHATISGARH	17 % -4 % -14 % -12 %	
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (31 Resv.)	-	1	2	4	6	5	7	6	AP&TG A,P TG KARNATAKA KERALA T.N.	-9 % -13 % 12 % -12 % -1 % -31 %	
Status of 91 reservoirs	5	13	14	9	13	11	14	12			

4 Basin wise storage position:

Better than normal: Ganga, Mahi, Indus, Sabarmati, Mahanadi & Neighbouring EFRS, and Rivers of Kutch .

Godavari, Krishna, Cauvery & neighbouring EFRS and West Flowing Rivers

Close to normal: of South .

Deficient: Narmada and Tapi. .

Highly deficient: NIL

5 Out of 91 reservoirs, 66 reservoirs reported more than 80% of normal storage & 25 reservoirs reported 80% or below of normal storage. Out of these 25 reservoirs 9 having storage upto 50% of normal

storage.

Name of reservoir	%	Name of reservoir	%
VANIVILAS SAGAR	14		
ISAPUR	24		
YELDARI	31		
SHOLAYAR	33		
ALIYAR	39		
HEMAVATHY	42		
RANA PRATAP SAGAR	44		
PENCH (TOTALADOH)	48		
MAHANADI	50]	

16 reservors								
having storage 51%								
to 80% of normal								
storage.								
51%	61%	71%						
to	to	to						
60%	70%	80%						
2	6	8						

WEEKLY REPORT - BASINWISE

GOVERNMENT OF INDIA

WEEK ENDING :- 30.11.2017

CENTRAL WATER COMMISSION

NAME OF BASIN	LIVE CAP. AT FRL	_	/EAR'S RAGE	LAST Y STOR	_	LAST 10 AVG. ST	_	% DEPARTURE W.R.T. AVE. OF 10 YEARS'
GANGA	28.096	17.687	62.95%	22.047	78.47%	15.919	56.66%	11.11
INDUS	14.730	9.730	66.06%	7.962	54.05%	9.687	65.76%	0.44
NARMADA	17.414	9.391	53.93%	14.970	85.97%	12.616	72.45%	-25.56
TAPI	7.394	3.684	49.82%	6.196	83.80%	5.386	72.84%	-31.60
MAHI	4.012	3.248	80.96%	3.399	84.72%	2.892	72.08%	12.31
SABARMATI	0.735	0.536	72.93%	0.623	84.76%	0.464	63.13%	15.52
RIVERS OF KUTCH	0.887	0.627	70.69%	0.284	32.02%	0.452	50.96%	38.72
GODAVARI	15.394	9.237	60.00%	12.016	78.06%	9.427	61.24%	-2.02
KRISHNA	32.831	20.410	62.17%	14.515	44.21%	20.969	63.87%	-2.67
MAHANADI & NEIGHBOURING EFRS	13.181	10.216	77.51%	10.999	83.45%	9.915	75.22%	3.04
CAUVERY& NEIGHBOURING EFRS	8.359	4.245	50.78%	1.998	23.90%	5.183	62.01%	-18.10
WEST FLOWING RIVERS OF SOUTH	14.766	9.567	64.79%	8.090	54.79%	10.824	73.30%	-11.61
TOTAL	157.799	98.578		103.099		103.734		
PERCENTAGE								-4.97

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

	GOVERNMENT OF INDIA			WEE	K ENDING :-	30.11.2017		CLIVITAL	VATER OOK	illiliooio	
			CURRENT	LIVE			STORAGE AS	S % OF LIVE C FRL	APACITY AT	BENE	FITS
S. NO	NAME OF RESERVOIR	FRL (m)	CURRENT RESERVOIR LEVEL (m)	LIVE CAPACITY AT FRL (BCM)	CURRENT LIVE STORAGE (BCM)	DATE	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										
	HIMACHAL PRADESH										
*1	GOBIND SAGAR(BHAKRA)	512.06	504.74	6.229	4.790	30-11-2017	77	57	74	676	1200
*2	PONG DAM PUNJAB	423.67	414.57	6.157	3.879	29-11-2017	63	54	62	-	360
*3	THEIN	527.91	509.10	2.344	1.061	30-11-2017	45	46	53	348	600
	RAJASTHAN										
*4	MAHI BAJAJ SAGAR	280.75	280.05	1.711	1.627	30-11-2017	95	99	80	63	140
5	JHAKAM	359.50	357.10	0.132	0.108	30-11-2017	82	90	70	28	-
*6	RANA PRATAP SAGAR	352.81	346.33	1.436	0.343	29-11-2017	24	54	55	229	172
	EASTERN REGION										
	<u>JHARKHAND</u>										
7	TENUGHAT	269.14	259.87	0.821	0.411	29-11-2017	50	52	45	-	-
8	MAITHON	146.3	149.49	0.471	0.471	29-11-2017	100	100	92	342	-
*9	PANCHET HILL	124.97	128.15	0.184	0.184	29-11-2017	100	100	91	\$	80
10	KONAR	425.81	423.47	0.176	0.135	29-11-2017	77	98	84	\$	-
11	TILAIYA	368.81	366.91	0.142	0.078	29-11-2017	55	100	85	\$	4
	<u>ODISHA</u>										
*12	HIRAKUD	192.02	191.45	5.378	4.458	29-11-2017	83	87	86	153	307
*13	BALIMELA	462.08	452.32	2.676	1.216	30-11-2017	45	81	62	-	360
14	SALANADI	82.30	71.10	0.558	0.240	29-11-2017	43	39	39	42	-
*15	RENGALI	123.50	123.00	3.432	3.281	30-11-2017	96	94	73	3	200
*16	MACHKUND(JALPUT)	838.16	837.85	0.893	0.860	30-11-2017	96	85	84	-	115
*17	UPPER KOLAB	858.00	853.99	0.935	0.576	30-11-2017	62	83	63	89	320
*18	UPPER INDRAVATI	642.00	636.13	1.456	0.856	29-11-2017	59	77	72	128	600
	WEST BENGAL										
19	MAYURAKSHI	121.31	120.41	0.480	0.456	29-11-2017	95	46	46	227	-
20	KANGSABATI	134.14	132.62	0.914	0.814	29-11-2017	89	63	47	341	-
	TRIPURA										
21	GUMTI	93.55	92.90	0.312	0.283	28-11-2017	91	80	51	-	15
	WESTERN REGION	·									
	<u>GUJARAT</u>										
	UKAI	105.16	97.67			30-11-2017	46	83	74		
	SABARMATI(DHAROI)	189.59	187.45			30-11-2017	73	85	63		
	KADANA	127.7	125.96			30-11-2017	69	77	66		
	SHETRUNJI	55.53	53.47			30-11-2017	54	58	71	36	
	BHADAR	107.89	106.65			30-11-2017	73	10	58		
	DAMANAGANGA	79.86	79.50			30-11-2017	92	88	91	51	1
	DANTIWADA	184.1	182.27		0.326	30-11-2017	82	23	33		
	PANAM	127.41	126.60			30-11-2017	71	64	67	36	
	SARDAR SAROVAR	121.92	124.22			30-11-2017	100	83	86	2120	1450
31	KARJAN	115.25	112.09	0.523	0.428	30-11-2017	82	65	83	51	3

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

					WEE	K ENDING :-	30.11.2017					
NAME OF RESERVORR FRL RESERVORR CAPACITY AT CHICAGO CH								STORAGE A		APACITY AT	BENE	FITS
MAHARASHTRA		NAME OF RESERVOIR		RESERVOIR LEVEL	CAPACITY AT FRL	STORAGE	DATE		LAST YEAR	YEARS	(CCA) IN	HYDEL IN MW
32 JAYAKWADI(PAITHON) 463.91 463.55 2.171 2.031 30-11-2017 94 79 46 227 33 KOYANA 667.90 657.86 2.682 2.646 28-11-2017 100 86 89 - 11 34 BHIMA(UJJANI) 496.83 497.30 1.517 1.517 30-11-2017 100 100 76 125 35 ISAPUR 441.00 428.96 0.965 0.143 28-11-2017 15 49 61 104 36 MULA 552.30 552.03 0.609 0.595 30-11-2017 98 96 78 139 37 YELDARI 461.77 451.41 0.809 0.107 28-11-2017 13 29 43 78 38 GIRNA 398.07 394.96 0.524 0.368 29-11-2017 13 29 43 78 39 KHADAKVASLA 562.47 581.80 0.056 0.047 28-11-2017 70 88 44 64 78 40 UPPER VAITARNA 603.50 603.31 0.331 0.326 28-11-2017 98 97 89 - 4 41 UPPER TAPI 214.00 213.83 0.255 0.243 28-11-2017 98 97 89 - 4 42 PENCH (TOTALADOH) 490.00 477.44 1.091 0.308 29-11-2017 85 88 83 70 43 UPPER WARDHA 342.50 341.53 0.564 0.480 30-11-2017 85 88 83 70 44 BHATSA 142.07 138.24 0.942 0.840 29-11-2017 88 69 76 36.2 45 DHOM 747.70 745.88 0.331 0.290 28-11-2017 88 69 76 36.2 46 DUDHGANGA 646.00 644.69 0.664 0.635 29-11-2017 88 69 76 36.2 47 MANIKODH (KUKADI) 711.25 708.28 0.288 0.237 28-11-2017 99 99 89 89 63.74 48 BHANDARDARA 744.91 744.61 0.304 0.302 29-11-2017 88 69 50 2.2 48 BHANDARDARA 385.30 385.14 2.196 1.408 30-11-2017 55 72 45 - 3 49 MATATILA 308.46 305.82 0.707 0.354 30-11-2017 55 72 45 - 3 47 MANIKODH (KUKADI) 71.25 708.28 0.288 0.237 28-11-2017 99 99 89 89 63.74 49 MATATILA 308.46 305.82 0.707 0.354 30-11-2017 55 72 45 - 3 47 MANIKODH (KUKADI) 71.25 708.28 0.288 0.237 28-11-2017 55 72 45 - 3 48 BHANDARDARA 74.91 744.61 0.304 0.302 29-11-2017 59 83 81 80 2351 10 48 BHANDARDARA 385.40 348.91 1.944 1.150 30-11-2017 59 83 81 80 2351 10 47 MANIKODH (KUKADI) 74.61 337.60 5.166 3.423 30-11-2017 59 85 83 247 45 DHOM 385.40 348.91 1.944 1.150 30-11-2017 59 85 83 247 55 BARGI 42.76 420.65 3.180 2.632 30-11-2017 59 85 83 247 55 BARGI 42.76 420.65 3.180 2.632 30-11-2017 59 85 83 247 56 BANNA 398.55 344.56 0.456 0.456 0.211 30-11-2017 64 69 64 - 60 64 64 64 64 64 64 64 64 64 64 64 64 64	1	2	4	6	5	7	8	9	10	11	3A	3B
**************************************		MAHARASHTRA										
34 BHIMA(UJJANI) 496.83 497.30 1.517 1.517 30-11-2017 100 100 76 125 35 ISAPUR 441.00 428.96 0.965 0.143 29-11-2017 15 49 61 104 36 MULA 552.30 562.03 0.609 0.595 30-11-2017 15 49 61 104 36 MULA 552.30 562.03 0.609 0.595 30-11-2017 13 29 43 78 38 GIRNA 398.07 384.96 0.524 0.366 29-11-2017 70 88 47 79 39 KHADAKVASLA 582.47 581.80 0.066 0.047 29-11-2017 84 84 64 78 40 UPPER VAITARNA 603.50 603.31 0.331 0.326 29-11-2017 85 99 99 - 41 UPPER TAPI 214.00 213.83 0.255 0.243 29-11-2017 95 100 96 45 42 PENCH (TOTALADOH) 490.00 477.44 1.091 0.308 29-11-2017 85 88 83 70 43 UPPER WARDHA 342.50 341.53 0.564 0.480 30-11-2017 85 88 84 29.376 45 DHOM 747.70 745.88 0.331 0.290 29-11-2017 88 69 76 36.2 46 DUDHGANGA 646.00 644.69 0.664 0.635 29-11-2017 96 93 90 2.441 47 MANIKODH (KUKADI) 711.25 708.28 0.288 0.237 29-11-2017 99 99 89 89 63.74 48 BHADARDARA 744.91 744.61 0.304 0.302 29-11-2017 82 69 50 2.2 48 BHADARDARA 368.03 354.14 0.919 0.304 30-11-2017 85 72 45 - 3 **UTTAR PRADESH** 49 MATATILA 308.46 305.62 0.707 0.354 30-11-2017 50 41 60 - **UTTAR KHAND** **So RIHAND 268.22 262.25 5.649 3.125 30-11-2017 59 99 99 89 63.74 **So RANDHYA PRADESH** 49 MATATILA 308.46 305.62 0.707 0.354 30-11-2017 59 93 94 2.441 **MADHYA PRADESH** 49 SARAIGH 330.00 818.75 2.615 2.158 29-11-2017 83 81 80 2351 10 **MADHYA PRADESH** 53 GANDHI SAGAR 399.0 385.27 6.827 4.044 30-11-2017 59 93 47 220 51 12017 59 85 83 247 250 11 12017 59 85 85 83 247 250 11 12017 59 85 85 83 247 250 11 1201	32	JAYAKWADI(PAITHON)	463.91	463.55	2.171	2.031	30-11-2017	94	79	46	227	-
35 ISAPUR	*33	KOYANA	657.90	657.86	2.652	2.646	28-11-2017	100	86	89	-	1920
36 MULA 552.30 552.03 0.609 0.595 30.11-2017 98 96 78 139 93 7 YELDARI 461.77 451.41 0.809 0.107 29-11-2017 13 29 43 78 78 78 78 78 81 79 81 81 81 81 81 81 81 81 81 81 81 81 81	34	BHIMA(UJJANI)	496.83	497.30	1.517	1.517	30-11-2017	100	100	76	125	12
37 YELDARI 461.77 451.41 0.809 0.107 29-11-2017 13 29 43 78 38 GIRNA 398.07 394.96 0.524 0.368 29-11-2017 70 88 47 79 39 KHADAKVASLA 582.47 581.80 0.056 0.047 29-11-2017 84 84 64 78 40 UPPER VAITARNA 603.50 603.31 0.331 0.326 29-11-2017 98 97 89 - 41 UPPER TAP! 214.00 213.83 0.255 0.243 29-11-2017 95 100 96 45 42 PENCH (TOTALADOH) 490.00 477.44 1.091 0.308 29-11-2017 28 43 59 127 43 UPPER WARDHA 342.50 341.53 0.564 0.480 30-11-2017 85 88 83 70 44 BHATSA 142.07 138.24 0.942 0.840 29-11-2017 89 88 84 29.378 45 DHOM 747.70 745.88 0.331 0.290 29-11-2017 89 88 84 29.378 46 DUDHGANGA 646.00 644.69 0.664 0.655 29-11-2017 96 93 99 2.441 47 MANIKDOH (KUKADI) 711.25 708.28 0.288 0.237 29-11-2017 99 99 89 63.74 48 BHANDARDARA 744.91 744.61 0.304 0.302 29-11-2017 99 99 89 63.74 49 MATATILA 308.46 305.62 0.707 0.354 30-11-2017 50 41 60 - 40 CENTRAL REGION UTTAKHAND 51 RAMGANGA 365.30 354.14 2.196 1.408 30-11-2017 57 83 81 80 2351 10 **STEPRADESH** 49 MATATILA 308.46 305.62 0.707 0.354 30-11-2017 50 41 60 - 50 RIHAND 268.22 262.25 5.649 3.125 30-11-2017 59 93 47 220 - 51 RAMGANGA 365.30 354.14 2.196 1.408 30-11-2017 59 83 81 80 2351 10 **MADHYA PRADESH** 52 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 59 83 81 80 2351 10 **MADHYA PRADESH** 53 GANDHI SAGAR 399.90 395.27 6.827 4.044 30-11-2017 59 85 83 247 220 - 55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 59 85 83 247 220 - 56 BANSAGAR 341.64 337.60 5.166 3.423 30-11-2017 59 85 83 247 220 - 57 INDIRA SAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 93 61 488 - 57 INDIRA SAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 85 66 546 6	35	ISAPUR	441.00	428.96	0.965	0.143	29-11-2017	15	49	61	104	-
38 GIRNA 398.07 394.96 0.524 0.368 29-11-2017 70 88 47 79 39 KHADAKVASLA 582.47 581.80 0.056 0.047 29-11-2017 84 84 64 64 78 40 UPPER VAITARNA 603.50 603.31 0.331 0.336 29-11-2017 98 97 89 - 45 45 45 45 45 45 45 45 45 45 45 45 45	36	MULA	552.30	552.03	0.609	0.595	30-11-2017	98	96	78	139	-
39 KHADAKVASLA 58247 581.80 0.066 0.047 29-11-2017 84 84 64 78 78 40 UPPER VAITARNA 603.50 603.31 0.331 0.326 29-11-2017 98 97 89 - 4 40 UPPER TAPI 214.00 213.83 0.255 0.243 29-11-2017 95 100 96 45 41 UPPER TAPI 214.00 213.83 0.255 0.243 29-11-2017 95 100 96 45 42 PENCH (TOTALADOH) 490.00 477.44 1.091 0.308 29-11-2017 28 43 59 127 43 UPPER WARDHA 342.50	37	YELDARI	461.77	451.41	0.809	0.107	29-11-2017	13	29	43	78	-
***40 UPPER VAITARNA 603.50 603.31 0.331 0.326 29-11-2017 98 97 89	38	GIRNA	398.07	394.96	0.524	0.368	29-11-2017	70	88	47	79	-
11 UPPER TAPI 214.00 213.83 0.255 0.243 29-11-2017 95 100 96 45 45 PENCH (TOTALADOH) 490.00 477.44 1.091 0.308 29-11-2017 28 43 59 127 143 UPPER WARDHA 342.50 341.53 0.564 0.480 30-11-2017 85 88 83 70 144 BHATSA 142.07 138.24 0.942 0.840 29-11-2017 89 88 64 29.378 145 DHOM 747.70 745.88 0.331 0.290 29-11-2017 88 69 76 36.2 146 DUDHGANGA 646.00 644.69 0.664 0.635 29-11-2017 82 69 50 2.2 148 BHANDARDARA 744.91 744.61 0.304 0.302 29-11-2017 82 69 50 2.2 148 BHANDARDARA 744.91 744.61 0.304 0.302 29-11-2017 99 99 89 63.74 174.91 174.61 0.304 0.302 29-11-2017 99 99 89 63.74 174.91 174.61 0.304 0.302 29-11-2017 50 41 60 - 12 11 11 11 11 11 11 11 11 11 11 11 11	39	KHADAKVASLA	582.47	581.80	0.056	0.047	29-11-2017	84	84	64	78	8
*** PENCH (TOTALADOH)	*40	UPPER VAITARNA	603.50	603.31	0.331	0.326	29-11-2017	98	97	89	-	61
43 UPPER WARDHA 44 BHATSA 142.07 138.24 0.942 0.840 29-11-2017 89 88 84 29.378 45 DHOM 747.70 745.88 0.331 0.290 29-11-2017 89 88 69 76 36.2 48 DUDHGANGA 646.00 644.69 0.664 0.635 29-11-2017 96 93 90 2.441 47 MANIKDOH (KUKADI) 711.25 708.28 0.288 0.287 29-11-2017 99 99 89 89 63.74 CENTRAL REGION UTTAR PRADESH 49 MATATILA 308.46 305.62 0.707 0.354 30-11-2017 50 41 60 - 50 RIHAND 268.22 262.25 5.649 3.125 30-11-2017 50 41 60 - 152 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 59 93 47 47 48 49 49 40 40 40 40 40 40 40 40	41	UPPER TAPI	214.00	213.83	0.255	0.243	29-11-2017	95	100	96	45	-
44 BHATSA 142.07 138.24 0.942 0.840 29-11-2017 89 88 84 29.378 45 DHOM 747.70 745.88 0.331 0.290 29-11-2017 88 69 76 36.2 46 DUDHGANGA 646.00 644.69 0.664 0.635 29-11-2017 96 93 90 2.441 47 MANIKDOH (KUKADI) 711.25 708.28 0.288 0.237 29-11-2017 82 69 50 2.2 48 BHANDARDARA 744.91 744.61 0.304 0.302 29-11-2017 99 99 89 63.74 CENTRAL REGION 44 MATAILLA 308.46 305.62 0.707 0.354 30-11-2017 50 41 60 - 30 50 72 72 72 72 72 72 72 72 72 72 72 72 72	*42	PENCH (TOTALADOH)	490.00	477.44	1.091	0.308	29-11-2017	28	43	59	127	160
## DHOM	43	UPPER WARDHA	342.50	341.53	0.564	0.480	30-11-2017	85	88	83	70	-
46 DUDHGANGA 646.00 644.69 0.664 0.635 29-11-2017 96 93 90 2.441 47 MANIKDOH (KUKADI) 711.25 708.28 0.288 0.237 29-11-2017 82 69 50 2.2 48 BHANDARDARA 744.91 744.61 0.304 0.302 29-11-2017 99 99 89 63.74 CENTRAL REGION UTTAR PRADESH 49 MATATILA 308.46 305.62 0.707 0.354 30-11-2017 50 41 60 - "50 RIHAND 268.22 262.25 5.649 3.125 30-11-2017 55 72 45 - 3 UTTRAKHAND "51 RAMGANGA 365.30 354.14 2.196 1.408 30-11-2017 64 55 73 1897 72 "52 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 83 81 80 2351 10 MADHYA PRADESH "53 GANDHI SAGAR 399.90 395.27 6.827 4.044 30-11-2017 59 93 47 220 75 54 TAWA 355.40 349.91 1.944 1.150 30-11-2017 59 85 83 247 "55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 66 93 61 488 65 57 INDIRA SAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 93 61 488 65 58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 CHHATTIS GARH "59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 38 99 75 319 SOUTHERN REGION A.P & TG	44	BHATSA	142.07	138.24	0.942	0.840	29-11-2017	89	88	84	29.378	15
## MANIKDOH (KUKADI) ## BHANDARDARA T44.91	45	DHOM	747.70	745.88	0.331	0.290	29-11-2017	88	69	76	36.2	2
## BHANDARDARA CENTRAL REGION	46	DUDHGANGA	646.00	644.69	0.664	0.635	29-11-2017	96	93	90	2.441	24
CENTRAL REGION UTTAR PRADESH 49 MATATILA 308.46 305.62 0.707 0.354 30-11-2017 50 41 60 - *50 RIHAND 268.22 262.25 5.649 3.125 30-11-2017 55 72 45 - 3 UTTRAKHAND *51 RAMGANGA 365.30 354.14 2.196 1.408 30-11-2017 64 55 73 1897 *52 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 83 81 80 2351 10 MADHYA PRADESH *53 GANDHI SAGAR 399.90 395.27 6.827 4.044 30-11-2017 59 93 47 220 20 25 58 BARGI 422.76 420.65 3.180 2.632 30-11-2017 59 85 83 247 20 25 58 BARSAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 93 61 488 42 48 48 48 48 48 48 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6</td></t<>												6
UTTAR PRADESH 49 MATATILA 308.46 305.62 0.707 0.354 30-11-2017 50 41 60 - *50 RIHAND 268.22 262.25 5.649 3.125 30-11-2017 55 72 45 - 3 UTTRAKHAND *51 RAMGANGA 365.30 354.14 2.196 1.408 30-11-2017 64 55 73 1897 - *52 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 83 81 80 2351 10 MADHYA PRADESH ** ** ** ** 4.044 30-11-2017 59 93 47 220 - 54 TAWA 355.40 349.91 1.944 1.150 30-11-2017 59 85 83 247 - **	48		744.91	744.61	0.304	0.302	29-11-2017	99	99	89	63.74	46
49 MATATILA 308.46 305.62 0.707 0.354 30-11-2017 50 41 60 - **50 RIHAND 268.22 262.25 5.649 3.125 30-11-2017 55 72 45 - 3 **UTTRAKHAND **51 RAMGANGA 365.30 354.14 2.196 1.408 30-11-2017 64 55 73 1897 - 3 **52 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 83 81 80 2351 10 **MADHYA PRADESH **53 GANDHI SAGAR 399.90 395.27 6.827 4.044 30-11-2017 59 93 47 220 - 3 **54 TAWA 355.40 349.91 1.944 1.150 30-11-2017 59 85 83 247 - 3 **55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 83 85 80 157 - 3 **56 BANSAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 93 61 488 48 **57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 **58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 **CHHATTIS GARH **59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 - 4 **59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 - 4 **59 MINIMATA BANGOI 348.70 342.50 0.767 0.289 29-11-2017 38 99 75 319 **SOUTHERN REGION **A.P & TG												
*50 RIHAND *51 RAMGANGA *52 TEHRI *53 GANDHI SAGAR *55 BARGI *52 BANSAGAR *341.64 *37.60 *57 INDIRA SAGAR *348.55 *344.56 *37.60 *37.70 *38.70 *		' <u></u>	000.40			0.054						
*51 RAMGANGA 365.30 354.14 2.196 1.408 30-11-2017 64 55 73 1897 75 75 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 83 81 80 2351 10 **52 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 83 81 80 2351 10 ***MADHYA PRADESH** **53 GANDHI SAGAR 399.90 395.27 6.827 4.044 30-11-2017 59 93 47 220 75 ***55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 59 85 83 247 ***55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 83 85 80 157 ***56 BANSAGAR 341.64 337.60 5.166 3.423 30-11-2017 83 85 80 157 ***57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 ***57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 ***58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 ***CHHATTIS GARH** ***59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 -											-	30
*51 RAMGANGA 365.30 354.14 2.196 1.408 30-11-2017 64 55 73 1897 75 180 *52 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 83 81 80 2351 10 **MADHYA PRADESH** *53 GANDHI SAGAR 399.90 395.27 6.827 4.044 30-11-2017 59 93 47 220 75 **55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 83 85 80 157 **56 BANSAGAR 341.64 337.60 5.166 3.423 30-11-2017 83 85 80 157 **56 BANSAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 **57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 **58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 **CHHATTIS GARH** **59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 -	"50		268.22	262.25	5.649	3.125	30-11-2017	55	72	45	-	300
*52 TEHRI 830.00 818.75 2.615 2.158 29-11-2017 83 81 80 2351 10 MADHYA PRADESH *53 GANDHI SAGAR 399.90 395.27 6.827 4.044 30-11-2017 59 93 47 220 54 TAWA 355.40 349.91 1.944 1.150 30-11-2017 59 85 83 247 *55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 83 85 80 157 *56 BANSAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 93 61 488 40 *57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 CHHATTIS GARH *59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 46 69 64 60 MAHANADI 348.70 342.50 0.767 0.289 29-11-2017 38 99 75 319 SOUTHERN REGION A.P & TG	*54	' <u> </u>	205.20	25444	0.400	4 400	20 44 2047	64		70	4007	400
*53 GANDHI SAGAR 399.90 395.27 6.827 4.044 30-11-2017 59 93 47 220 75 75 75 84 75 85 85 83 247 85 85 85 85 85 85 85 85 85 85 85 85 85												198
*53 GANDHI SAGAR 399.90 395.27 6.827 4.044 30-11-2017 59 93 47 220 54 TAWA 355.40 349.91 1.944 1.150 30-11-2017 59 85 83 247 55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 83 85 80 157 56 BANSAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 93 61 488 40 57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 CHHATTIS GARH 59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 36 99 75 319 SOUTHERN REGION A.P & TG	"52		830.00	818.75	2.015	2.158	29-11-2017	83	81	80	2351	1000
54 TAWA 355.40 349.91 1.944 1.150 30-11-2017 59 85 83 247 *55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 83 85 80 157 *56 BANSAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 93 61 488 4 *57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 16 58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 CHHATTIS GARH *59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 - SOUTHERN REGION A.P & TG	*50	·	200.00	205.27	6 927	4.044	20 11 2017	F0.	03	47	220	115
*55 BARGI 422.76 420.65 3.180 2.632 30-11-2017 83 85 80 157 *56 BANSAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 93 61 488 4 *57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 CHHATTIS GARH *59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 - 60 MAHANADI 348.70 342.50 0.767 0.289 29-11-2017 38 99 75 319 SOUTHERN REGION A.P & TG												115
*56 BANSAGAR 341.64 337.60 5.166 3.423 30-11-2017 66 93 61 488 4 *57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 CHHATTIS GARH *59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 - 60 MAHANADI 348.70 342.50 0.767 0.289 29-11-2017 38 99 75 319 SOUTHERN REGION A.P & TG												90
*57 INDIRA SAGAR 262.13 253.21 9.745 3.404 30-11-2017 35 88 65 2380 10 58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 CHHATTIS GARH *59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 - 60 MAHANADI 348.70 342.50 0.767 0.289 29-11-2017 38 99 75 319 SOUTHERN REGION A.P & TG												425
58 BARNA 348.55 344.56 0.456 0.211 30-11-2017 46 85 66 546 CHHATTIS GARH *59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 - 60 MAHANADI 348.70 342.50 0.767 0.289 29-11-2017 38 99 75 319 SOUTHERN REGION A.P & TG												1000
CHHATTIS GARH *59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 - 60 MAHANADI 348.70 342.50 0.767 0.289 29-11-2017 38 99 75 319 SOUTHERN REGION A.P & TG												-
*59 MINIMATA BANGOI 359.66 353.74 3.046 1.948 30-11-2017 64 69 64 - 60 MAHANADI 348.70 342.50 0.767 0.289 29-11-2017 38 99 75 319 SOUTHERN REGION A.P & TG	00		0.0.00	01.1100	000	0.2	00 20			00	0.0	
60 MAHANADI 348.70 342.50 0.767 0.289 29-11-2017 38 99 75 319 SOUTHERN REGION A.P & TG	*59		359.66	353.74	3.046	1.948	30-11-2017	64	69	64		120
A.P & TG	60	MAHANADI									319	10
	,	SOUTHERN REGION										
		A.P & TG										
	*61	·	269.75	266.43	8.288	4.416	30-11-2017	53	51	61	0	770
												810
ANDHRA PRADESH												
63 SOMASILA 100.58 95.48 1.994 1.299 30-11-2017 65 55 75 168	63	·	100.58	95.48	1.994	1.299	30-11-2017	65	55	75	168	0
TELANGANA												
64 SRIRAMSAGAR 332.54 328.61 2.300 1.344 30-11-2017 58 100 52 411	64	SRIRAMSAGAR	332.54	328.61	2.300	1.344	30-11-2017	58	100	52	411	27
65 LOWER MANAIR 280.42 276.70 0.621 0.419 30-11-2017 67 100 60 199	65	LOWER MANAIR	280.42	276.70	0.621	0.419	30-11-2017	67	100	60	199	60

WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

				WEE	K ENDING :-	30.11.2017					
			OURDENT				STORAGE A	S % OF LIVE C FRL	APACITY AT	BENE	EFITS
S. NO	NAME OF RESERVOIR	FRL (m)	CURRENT RESERVOIR LEVEL (m)	LIVE CAPACITY AT FRL (BCM)	CURRENT LIVE STORAGE (BCM)	DATE	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										
66	KRISHNARAJA SAGRA	752.50	747.96	1.163	0.771	27-11-2017	66	14	75	79	-
*67	TUNGABHADRA	497.74	493.75	3.276	1.642	30-11-2017	50	8	61	529	72
68	GHATAPRABHA	662.95	659.64	1.391	1.149	29-11-2017	83	63	72	317	-
69	BHADRA	657.76	652.89	1.785	1.258	29-11-2017	70	34	84	106	39
70	LINGANAMAKKI	554.43	547.36	4.294	2.433	30-11-2017	57	53	76	-	55
71	NARAYANPUR	492.25	490.87	0.863	0.571	30-11-2017	66	58	82	425	-
72	MALAPRABHA(RENUKA)	633.83	627.46	0.972	0.342	29-11-2017	35	27	60	215	-
73	KABINI(Sancherla Tank)	696.16	694.65	0.444	0.358	27-11-2017	81	31	34	85	-
74	HEMAVATHY	890.63	877.32	0.927	0.216	27-11-2017	23	11	55	265	-
75	HARANGI	871.42	862.48	0.220	0.082	27-11-2017	37	23	34	53	-
76	SUPA	564.00	547.55	4.120	2.366	30-11-2017	57	54	64	-	-
77	VANIVILAS SAGAR	652.28	632.55	0.802	0.021	30-11-2017	3	4	19	123	-
*78	ALMATTI	519.60	518.08	3.105	2.454	30-11-2017	79	65	69	@	290
*79	GERUSOPPA	55.00	49.78	0.130	0.101	30-11-2017	78	86	83	83	240
	KERALA										
80	KALLADA(PARAPPAR)	115.82	114.76	0.507	0.461	27-11-2017	91	40	81	62	-
*81	IDAMALAYAR	169.00	160.46	1.018	0.773	27-11-2017	76	60	74	33	75
*82	IDUKKI	732.43	723.58	1.460	0.990	27-11-2017	68	42	68	-	780
*83	KAKKI	981.46	975.88	0.447	0.356	27-11-2017	80	58	81	23	300
*84	PERIYAR	867.41	862.76	0.173	0.072	27-11-2017	42	9	68	84	140
85	MALAPMUZHA	115.06	110.78	0.224	0.134	30-11-2017	60	43	78	21	3
	TAMIL NADU										
86	LOWER BHAWANI	278.89	270.13	0.792	0.325	27-11-2017	41	12	60	105	8
*87	METTUR(STANLEY)	240.79	227.87	2.647	1.122	27-11-2017	42	13	57	122	360
88	VAIGAI	279.20	273.95	0.172	0.072	27-11-2017	42	2	56	61	6
89	PARAMBIKULAM	556.26	546.57	0.380	0.189	27-11-2017	50	26	78	101	-
90	ALIYAR	320.04	308.95	0.095	0.031	27-11-2017	33	9	84	#	60
*91	SHOLAYAR	1002.79	979.42	0.143	0.034	27-11-2017	24	0	73	-	95
	TOTAL FOR 91 RESERVOIRS			157.799	98.578						
	PERCENTAGE						62	65	66		

Sd/-

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

Director W. M., CWC

^{*} HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

[#] TOTAL CCA 101 TH. HA OF PARAMBIKULAM & ALIYAR

^{@&#}x27; TOTAL CCA 425 TH. HA. OF NARAYANPUR AND ALMATTI

[†] SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

SI. No. 30th The FRL of S.S.P. 138.38 M and Live capacity at FRL will be 5.760 BCM. However at present the lowest block of the dam is at the level of 121.92 M. and the live capacity at this level is 1.566 BCM $\,$