

## **BRIEF NOTE ON LIVE STORAGE STATUS OF 91 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 21.02.2019)**

### **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 161.993 BCM which is about 63% 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 **21.02.2019**, live storage available in these reservoirs is **64.369 BCM**, which is **40%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **61.603 BCM** and the average of last 10 years live storage was **66.877 BCM**. Thus, the live storage available in 91 reservoirs **as per 21.02.2019 Bulletin** is **104%** of the live storage of corresponding period of last year and **96%** of storage of average of last ten years.

The overall storage position is **more than the** corresponding period of last year in the country as a whole but is 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 **21.02.2019**, the total live storage available in these reservoirs is **9.83 BCM** which is **55%** 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 **36%** 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 15 reservoirs under CWC monitoring having total live storage capacity of 18.83 BCM. As per Reservoir Storage Bulletin dated **21.02.2019**, the total live storage available in these reservoirs is **10.05 BCM** which is **53%** 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 **54%** 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 27 reservoirs under CWC monitoring having total live storage capacity of 31.26 BCM. As per Reservoir Storage Bulletin dated **21.02.2019**, the total live storage available in these reservoirs is **9.05 BCM** which is **29%** 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 **44%** 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 **21.02.2019**, the total live storage available in these reservoirs is **18.63 BCM** which is **44%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **38%** 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 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 31 reservoirs under CWC monitoring having total live storage capacity of 51.59 BCM. As per Reservoir Storage Bulletin dated **21.02.2019**, the total live storage available in these reservoirs is **16.82 BCM** which is **33%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **30%** 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 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 Indus, Narmada, Mahi, West Flowing Rivers of South and Cauvery & neighbouring EFRs. Close to Normal in Ganga, Godavari and Mahanadi & Neighbouring East Flowing Rivers Deficient in Tapi, Sabarmati Rivers of Kutch, and Krishna and Nil in Highly Deficient.
- Table on page 5-7 of the bulletin. The numbers of reservoirs having storage more than last year are **34** and reservoirs having storage more than average of last ten years are **34**. The numbers of reservoirs having storage less than 20% with respect to last year is **4** and having storage less than 20% with reference to average of last ten years is **3**. The number of reservoirs having storage less than or equal to 50% with respect to last year are **14** and having storage less than or equal to 50% with reference to average of last ten years are **20**.

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**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 21.02.2019**

- 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.
- The total live storage in 91 important reservoirs in different parts of the country, monitored by CWC as on **21.02.2019** is **64.369** BCM ( **40** percent of the live storage capacity at FRL ).The current year's storage is nearly **104** percent of last year's storage and **96** percent of the average of last ten years.

**3 Region wise storage status:-**

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 91 reservoirs w.r.t. FRL								Departure from Normal storage	
	100%	91%-99%	81%-90%	71%-80%	61%-70%	51%-60%	41%-50%	40% & below		
<b>NORTH</b> (HP, Punjab & Rajasthan), (6 Resv.)	-	-	-	-	2	-	2	2	H.P.	50 %
									PUNJAB	117 %
									RAJASTHAN	18 %
<b>EAST</b> (Jharkhand, Odisha, Tripura & W. Bengal ( 15 Resv.)	-	-	-	1	3	4	3	4	JHARKHAND	-20 %
									ODISHA	1 %
									W. BENGAL	-14 %
									TRIPURA	107 %
<b>WEST</b> (Guj.& Mah.), (27 Resv.)	-	-	-	1	1	5	2	18	GUJARAT	-38 %
									MAH.	-30 %
<b>CENTRAL</b> (MP, UP, Uttarakhand & Chh.), (12 Resv)	-	-	-	1	2	3	1	5	U.P.	-22 %
									UTTARAKHAND	1 %
									M.P.	7 %
									CHHATISGARH	-3 %
<b>SOUTH</b> (Karnataka, TN, AP&TG, AP, TG, & Kerala), ( 31 Resv.)	-	-	1	1	5	3	2	19	AP&TG	-40 %
									A,P	-58 %
									TG	-23 %
									KARNATAKA	6 %
									KERALA	8 %
									T.N.	27 %
Status of 91 reservoirs	0	0	1	4	13	15	10	48		

**4 Basin wise storage position:**

**Better than normal:** Indus, Narmada, Mahi, and West Flowing Rivers of South and Cauvery & neighbouring EFRs..

**Close to normal:** Ganga, Godavari and Mahanadi & Neighbouring East Flowing Rivers

**Deficient:** Tapi, Sabarmati, Rivers of Kutch and Krishna .

**Highly deficient:**

- 5 Out of 91 reservoirs, **57** reservoirs reported more than 80% of normal storage & **34** reservoirs reported 80% or below of normal storage. Out of these **34** reservoirs **20** having storage upto 50% of normal storage.

Name of reservoir	%	Name of reservoir	%
YELDARI	0	UPPER WARDHA	48
ALIYAR	3	SABARMATI(DHAROI)	50
VANIVILAS SAGAR	17	SRISAILAM	50
PENCH (TOTALADOH)	24		
TAWA	25		
TILAIYA	31		
JAYAKWADI(PAITHON)	32		
GANDHI SAGAR	34		
BHIMA(UJJANI)	36		
MULA	40		
NARAYANPUR	40		
SHETRANJI	41		
BARNA	42		
SOMASILA	42		
MANIKDOH	44		
BHADAR	45		
UKAI	46		

14 reservoirs having storage 51% to 80% of normal storage.		
51% to 60%	61% to 70%	71% to 80%
6	3	5

- 6 Out of **37** reservoirs with significant(\*) hydropower generation, the storage build up is less than or equal to normal in **20** 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

## WEEKLY REPORT - BASINWISE

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 21.02.2019

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	10.697	38.07%	11.554	41.12%	11.723	41.72%	<b>-8.75</b>
INDUS	14.730	8.445	57.33%	4.803	32.61%	5.319	36.11%	<b>58.77</b>
NARMADA	21.608	8.586	39.74%	5.413	25.05%	7.528	34.84%	<b>14.05</b>
TAPI	7.394	1.899	25.68%	2.606	35.24%	3.820	51.66%	<b>-50.29</b>
MAHI	4.012	1.976	49.25%	2.109	52.57%	1.936	48.26%	<b>2.07</b>
SABARMATI	0.735	0.121	16.46%	0.215	29.25%	0.244	33.20%	<b>-50.41</b>
RIVERS OF KUTCH	0.887	0.106	11.95%	0.353	39.80%	0.235	26.49%	<b>-54.89</b>
GODAVARI	15.394	5.805	37.71%	6.234	40.50%	6.611	42.95%	<b>-12.19</b>
KRISHNA	32.831	8.695	26.48%	10.419	31.74%	11.171	34.03%	<b>-22.16</b>
MAHANADI & NEIGHBOURING EFRS	13.181	7.064	53.59%	8.669	65.77%	7.966	60.44%	<b>-11.32</b>
CAUVERY & NEIGHBOURING EFRS	8.359	3.035	36.31%	1.885	22.55%	2.984	35.70%	<b>1.71</b>
WEST FLOWING RIVERS OF SOUTH	14.766	7.940	53.77%	7.343	49.73%	7.340	49.71%	<b>8.17</b>
<b>TOTAL</b>	<b>161.993</b>	<b>64.369</b>		<b>61.603</b>		<b>66.877</b>		
<b>PERCENTAGE</b>								<b>-3.75</b>

## WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 21.02.2019

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
<b><u>NORTHERN REGION</u></b>											
<b><u>HIMACHAL PRADESH</u></b>											
*1	GOBIND SAGAR(BHAKRA)	512.06	497.55	6.229	3.830	21-02-2019	61	41	41	676	1200
*2	PONG DAM	423.67	410.17	6.157	3.047	21-02-2019	49	29	33	-	360
<b><u>PUNJAB</u></b>											
*3	THEIN	527.91	517.60	2.344	1.568	14-02-2019	67	20	31	348	600
<b><u>RAJASTHAN</u></b>											
*4	MAHI BAJAJ SAGAR	280.75	272.75	1.711	0.835	21-02-2019	49	55	43	63	140
5	JHAKAM	359.50	349.10	0.132	0.049	21-02-2019	37	36	30	28	-
*6	RANA PRATAP SAGAR	352.81	347.39	1.436	0.497	21-02-2019	35	26	28	229	172
<b><u>EASTERN REGION</u></b>											
<b><u>JHARKHAND</u></b>											
7	TENUGHAT	269.14	258.41	0.821	0.356	16-02-2019	43	48	44	-	-
8	MAITHON	146.3	141.51	0.471	0.214	16-02-2019	45	100	76	342	-
*9	PANCHET HILL	124.97	123.92	0.184	0.135	16-02-2019	73	100	77	\$	80
10	KONAR	425.81	421.39	0.176	0.103	16-02-2019	59	45	67	\$	-
11	TILAIYA	368.81	364.39	0.142	0.017	16-02-2019	12	20	38	\$	4
<b><u>ODISHA</u></b>											
*12	HIRAKUD	192.02	189.17	5.378	3.117	21-02-2019	58	62	61	153	307
*13	BALIMELA	462.08	457.02	2.676	1.830	21-02-2019	68	18	42	-	360
14	SALANADI	82.30	73.59	0.558	0.300	21-02-2019	54	41	30	42	-
*15	RENGALI	123.50	116.55	3.432	1.327	21-02-2019	39	84	61	3	200
*16	MACHKUND(JALPUT)	838.16	834.10	0.893	0.574	21-02-2019	64	84	64	-	115
*17	UPPER KOLAB	858.00	853.41	0.935	0.532	21-02-2019	57	48	50	89	320
*18	UPPER INDRAVATI	642.00	637.11	1.456	0.952	21-02-2019	65	48	56	128	600
<b><u>WEST BENGAL</u></b>											
19	MAYURAKSHI	121.31	111.01	0.480	0.100	16-02-2019	21	82	39	227	-
20	KANGSABATI	134.14	126.23	0.914	0.334	16-02-2019	37	66	35	341	-
<b><u>TRIPURA</u></b>											
21	GUMTI	93.55	89.90	0.312	0.155	20-02-2019	50	71	24	-	15
<b><u>WESTERN REGION</u></b>											
<b><u>GUJARAT</u></b>											
*22	UKAI	105.16	92.80	6.615	1.629	21-02-2019	25	35	53	348	300
23	SABARMATI(DHAROI)	189.59	180.73	0.735	0.121	21-02-2019	16	29	33	95	1
*24	KADANA	127.7	122.35	1.472	0.701	21-02-2019	48	49	56	200	120
25	SHETRUNJI	55.53	50.02	0.300	0.052	21-02-2019	17	35	43	36	-
26	BHADAR	107.89	101.73	0.188	0.024	21-02-2019	13	31	28	27	-
27	DAMANAGANGA	79.86	72.15	0.502	0.185	21-02-2019	37	67	65	51	1
28	DANTIWADA	184.1	168.16	0.399	0.030	21-02-2019	8	48	14	45	-
29	PANAM	127.41	124.80	0.697	0.391	21-02-2019	56	56	50	36	2
*30	SARDAR SAROVAR	138.68	116.68	5.760	0.744	21-02-2019	13	0	16	2120	1450
31	KARJAN	115.25	107.41	0.523	0.314	21-02-2019	60	68	64	51	3

## WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 21.02.2019

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
<b>MAHARASHTRA</b>											
32	JAYAKWADI(PAITHON)	463.91	456.93	2.171	0.229	14-02-2019	11	70	33	227	-
*33	KOYANA	657.90	560.75	2.652	1.965	21-02-2019	74	80	67	-	1920
34	BHIMA(UJJANI)	496.83	492.54	1.517	0.319	18-02-2019	21	78	59	125	12
35	ISAPUR	441.00	432.91	0.965	0.322	21-02-2019	33	6	37	104	-
36	MULA	552.30	539.73	0.609	0.120	21-02-2019	20	73	50	139	-
37	YELDARI	461.77	446.35	0.809	0.000	15-02-2019	0	5	26	78	-
38	GIRNA	398.07	388.40	0.524	0.150	21-02-2019	29	31	26	79	-
39	KHADAKVASLA	582.47	580.52	0.056	0.031	21-02-2019	55	68	55	78	8
*40	UPPER VAITARNA	603.50	599.95	0.331	0.219	20-02-2019	66	65	69	-	61
41	UPPER TAPI	214.00	211.40	0.255	0.120	21-02-2019	47	60	67	45	-
*42	PENCH (TOTALADOH)	490.00	469.80	1.091	0.091	21-02-2019	8	15	35	127	160
43	UPPER WARDHA	342.50	336.09	0.564	0.135	16-02-2019	24	56	50	70	-
44	BHATSA	142.07	124.26	0.942	0.526	21-02-2019	56	64	61	29.378	15
45	DHOM	747.70	736.09	0.331	0.113	21-02-2019	34	58	46	36.2	2
46	DUDHGANGA	646.00	635.57	0.664	0.365	21-02-2019	55	70	64	2.441	24
47	MANIKDOH (KUKADI)	711.25	690.40	0.288	0.035	21-02-2019	12	60	28	2.2	6
48	BHANDARDARA	744.91	729.78	0.304	0.115	21-02-2019	38	82	65	63.74	46
<b>CENTRAL REGION</b>											
<b>UTTAR PRADESH</b>											
49	MATATILA	308.46	303.22	0.707	0.174	13-02-2019	25	34	42	-	30
*50	RIHAND	268.22	258.10	5.649	1.538	21-02-2019	27	30	34	-	300
<b>UTTRAKHAND</b>											
*51	RAMGANGA	365.30	347.73	2.196	1.061	12-02-2019	48	35	49	1897	198
*52	TEHRI	830.00	794.88	2.615	1.325	13-02-2019	51	45	49	2351	1000
<b>MADHYA PRADESH</b>											
*53	GANDHI SAGAR	399.90	385.84	6.827	0.872	21-02-2019	13	32	38	220	115
54	TAWA	355.40	337.69	1.944	0.150	21-02-2019	8	9	31	247	-
*55	BARGI	422.76	417.00	3.180	1.740	21-02-2019	55	67	56	157	90
*56	BANSAGAR	341.64	338.59	5.166	3.816	21-02-2019	74	53	50	488	425
*57	INDIRA SAGAR	262.13	256.73	9.745	5.579	16-02-2019	57	28	39	2380	1000
58	BARNA	348.55	340.49	0.456	0.059	21-02-2019	13	13	31	546	-
<b>CHHATTIS GARH</b>											
*59	MINIMATA BANGOI	359.66	353.06	3.046	1.851	15-02-2019	61	60	62	-	120
60	MAHANADI	348.70	345.19	0.767	0.469	20-02-2019	61	54	66	319	10
<b>SOUTHERN REGION</b>											
<b>A.P &amp; TG</b>											
*61	SRISAILAM	269.75	253.62	8.288	1.364	21-02-2019	16	25	33	0	770
*62	NAGARJUNA SAGAR	179.83	161.48	6.841	1.022	21-02-2019	15	9	19	895	810
<b>ANDHRA PRADESH</b>											
63	SOMASILA	100.58	86.01	1.994	0.415	21-02-2019	21	31	49	168	0
<b>TELANGANA</b>											
64	SRIRAMSAGAR	332.54	325.28	2.300	0.678	21-02-2019	29	33	36	411	27
65	LOWER MANAIR	280.42	272.83	0.621	0.227	21-02-2019	37	45	58	199	60

## WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 21.02.2019

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
<b><u>KARNATAKA</u></b>											
66	KRISHNARAJA SAGRA	752.50	747.36	1.163	0.716	21-02-2019	62	29	44	79	-
*67	TUNGABHADRA	497.74	486.70	3.276	0.452	18-02-2019	14	13	21	529	72
68	GHATAPRABHA	662.95	647.32	1.391	0.477	14-02-2019	34	45	27	317	-
69	BHADRA	657.76	651.98	1.785	1.169	14-02-2019	65	49	64	106	39
70	LINGANAMAKKI	554.43	545.87	4.294	2.128	21-02-2019	50	38	47	-	55
71	NARAYANPUR	492.25	487.27	0.863	0.228	21-02-2019	26	49	66	425	-
72	MALAPRABHA(RENUKA)	633.83	624.29	0.972	0.158	14-02-2019	16	15	17	215	-
73	KABINI(Sancherla Tank)	696.16	693.18	0.444	0.283	21-02-2019	64	44	33	85	-
74	HEMAVATHY	890.63	875.30	0.927	0.154	21-02-2019	17	18	20	265	-
75	HARANGI	871.42	856.79	0.220	0.042	21-02-2019	19	25	17	53	-
76	SUPA	564.00	547.69	4.120	2.378	21-02-2019	58	50	46	-	-
77	VANIVILAS SAGAR	652.28	632.56	0.802	0.021	14-02-2019	3	2	15	123	-
*78	ALMATTI	519.60	512.89	3.105	0.976	21-02-2019	31	33	24	@	290
*79	GERUSOPPA	55.00	51.18	0.130	0.108	21-02-2019	83	91	83	83	240
<b><u>KERALA</u></b>											
80	KALLADA(PARAPPAR)	115.82	111.74	0.507	0.397	21-02-2019	78	92	67	62	-
*81	IDAMALAYAR	169.00	149.21	1.018	0.497	21-02-2019	49	59	52	33	75
*82	IDUKKI	732.43	721.39	1.460	0.888	21-02-2019	61	56	49	-	780
*83	KAKKI	981.46	968.82	0.447	0.266	21-02-2019	60	79	66	23	300
*84	PERIYAR	867.41	860.79	0.173	0.038	21-02-2019	22	17	21	84	140
85	MALAPMUZHA	115.06	103.36	0.224	0.038	18-02-2019	17	16	24	21	3
<b><u>TAMIL NADU</u></b>											
86	LOWER BHAWANI	278.89	273.30	0.792	0.469	21-02-2019	59	16	32	105	8
*87	METTUR(STANLEY)	240.79	225.32	2.647	0.908	21-02-2019	34	14	32	122	360
88	VAIGAI	279.20	272.12	0.172	0.048	21-02-2019	28	10	22	61	6
89	PARAMBIKULAM	556.26	549.87	0.380	0.250	21-02-2019	66	16	45	101	-
90	ALIYAR	320.04	300.38	0.095	0.001	21-02-2019	1	1	36	#	60
*91	SHOLAYAR	1002.79	974.78	0.143	0.021	21-02-2019	15	0	6	-	95
TOTAL FOR 91 RESERVOIRS				<b>161.993</b>	<b>64.369</b>						
PERCENTAGE							<b>40</b>	<b>38</b>	<b>41</b>		

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 &amp; ALIYAR

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

† SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.