

STORAGE STATUS OF IMPORTANT RESERVOIRS IN THE COUNTRY AS ON 17.05.2012

- Central Water Commission is monitoring storage status of **84** 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 **84** important reservoirs in different parts of the country, monitored by CWC as on **17.05.2012** is **35.218 BCM** (**23** percent of the storage capacity at FRL). The current year's storage is nearly **84** percent of last year's storage and **132** percent of the average of last ten years.

3 Region wise storage status:-

REGION (States), (Monitoring No. of Reservoirs)	Filling position of 84 reservoirs w.r.t. FRL								Storage w.r.t. Normal storage
	100%	91%- 99%	81%- 90%	71%- 80%	61%- 70%	51%- 60%	41%- 50%	40% & below	
NORTH (HP,Punjab & Rajasthan), (6 Resv.)	-	-	-	-	-	1	-	5	H.P. 18 % PUNJAB -34 % RAJASTHAN 86 %
EAST (Jharkhand,Orissa, Tripura & W.Bengal (15 Resv.)	-	-	-	-	1	-	2	12	JHARKHAND 21 % ORISSA -21 % W. BENGAL 90 % TRIPURA -100 %
WEST (Guj.& Mah.), (22 Resv.)	-	-	-	-	1	2	2	17	GUJARAT 25 % MAH. -13 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (11 Resv)	-	-	-	-	-	2	1	8	U.P. 70 % UTTARAKHAND 85 % M.P. 217 % CHHATISGARH 30 %
SOUTH (Karnataka,TN,AP & Kerala), (30 Resv.)	-	1	-	-	1	1	2	25	A.P. 23 % KARNATAKA 6 % KERALA 14 % T.N. 9 %
Status of 84 reservoirs	0	1	0	0	3	6	7	67	

4 Basin wise storage position:

Better than normal: Ganga, Indus, Narmada, Tapi, Mahi, Sabarmati, River of Kutch, Cauvery & neighbouring EFRs, Godavari, Mahanadi & Neighbouring EFRs and West Flowing Rivers of South

Close to normal: Krishna

Deficient: Nil

Highly deficient: Nil

- 5 Out of 84 reservoirs, **63** reservoirs reported more than 80% of normal storage & **21** reservoirs reported 80% or below of normal storage.

Out of these 21 reservoirs 11 having storage upto 50% of normal storage					
Name of reservoir	%	Name of reservoir	%	Name of reservoir	%
BHIMA(UJJANI)	0	JAYAKWADI(PAITHON)	31		
GUMTI	0	UPPER KOLAB	39		
ALMATTI	0	DAMANAGANGA	42		
YELDARI	0	LOWER BHAWANI	46		
BALIMELA	0				
RENGALI	18				
GHATAPRABHA	21				

10 reservoirs having storage 51% to 80% of normal storage.		
51% to 60%	61% to 70%	71% to 80%
2	6	2

- 6 Out of **37** reservoirs with significant hydropower generation, the storage build up is less than or equal to normal in **9** 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 OF 84 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 17.05.2012

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>NORTHERN REGION</u>											
<u>HIMACHAL PRADESH</u>											
*1	GOBIND SAGAR(BHAKRA)	512.06	470.64	6.229	1.200	05/16/12	19	31	17	676	1200
*2	PONG DAM	423.67	402.42	6.157	1.792	05/16/12	29	52	24	-	360
<u>PUNJAB</u>											
*3	THEIN	527.91	500.33	2.344	0.637	05/17/12	27	48	41	348	600
<u>RAJASTHAN</u>											
*4	MAHI BAJAJ SAGAR	280.75	270.40	1.711	0.632	05/16/12	37	3	14	63	140
5	JHAKAM	359.50	345.65	0.132	0.033	05/16/12	25	0	11	28	-
*6	RANA PRATAP SAGAR	352.81	349.23	1.436	0.780	05/14/12	54	11	36	229	172
<u>EASTERN REGION</u>											
<u>JHARKHAND</u>											
7	TENUGHAT	269.14	258.07	0.821	0.171	05/17/12	21	22	27	-	-
8	MAITHON	146.3	139.47	0.471	0.139	05/17/12	30	16	31	342	-
*9	PANCHET HILL	124.97	123.67	0.184	0.124	05/17/12	67	17	11	\$	80
10	KONAR	425.81	419.52	0.176	0.073	05/17/12	41	22	26	\$	-
11	TILAIYA	368.81	365.25	0.142	0.034	05/17/12	24	9	11	\$	4
<u>ORISSA</u>											
*12	HIRAKUD	192.02	183.67	5.378	1.098	05/17/12	20	24	20	153	307
*13	BALIMELA	462.08	438.85	2.676	-0.003	05/16/12	0	31	10	-	360
14	SALANADI	82.30	70.38	0.558	0.217	05/17/12	39	1	21	42	-
*15	RENGALI	123.50	110.31	3.432	0.086	05/17/12	3	8	14	3	200
*16	MACHKUND(JALPUT)	838.16	830.91	0.893	0.387	05/16/12	43	71	32	-	115
*17	UPPER KOLAB	858.00	845.73	0.935	0.068	05/17/12	7	29	19	89	320
*18	UPPER INDRAVATI	642.00	628.22	1.456	0.218	05/17/12	15	27	16	128	600
<u>WEST BENGAL</u>											
19	MAYURAKSHI	121.31	112.20	0.480	0.099	05/17/12	21	15	12	227	-
20	KANGSABATI	134.14	123.50	0.914	0.072	05/17/12	8	5	4	341	-
<u>TRIPURA</u>											
21	GUMTI	93.55	83.60	0.312	0.000	05/08/12	0	1	13	-	15
<u>WESTERN REGION</u>											
<u>GUJARAT</u>											
*22	UKAI	105.16	94.57	6.615	1.975	05/16/12	30	37	26	348	300
23	SABARMATI(DHAROI)	189.59	182.42	0.735	0.191	05/16/12	26	13	14	95	1
*24	KADANA	127.7	122.96	1.472	0.750	05/16/12	51	23	40	200	120
25	SHETRUNJI	55.53	48.07	0.300	0.023	05/16/12	8	10	5	36	-
26	BHADAR	107.89	103.20	0.188	0.045	05/16/12	24	29	15	27	-
27	DAMANAGANGA	79.86	67.65	0.502	0.078	05/16/12	16	10	37	51	1
28	DANTIWADA	184.1	163.42	0.399	0.004	05/16/12	1	1	2	45	-
29	PANAM	127.41	123.90	0.697	0.466	05/16/12	67	35	28	36	2
*30	SARDAR SAROVAR	121.92	116.34	1.566	0.695	05/17/12	44	48	25	2120	1450
31	KARJAN	115.25	101.34	0.523	0.193	05/17/12	37	47	55	51	3

WEEKLY REPORT OF 84 IMPORTANT RESERVOIRS OF INDIA

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WEEK ENDING :- 17.05.2012

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>											
32	JAYAKWADI(PAITHON)	463.91	456.36	2.171	0.135	05/16/12	6	25	20	227	-
*33	KOYANA	657.90	639.24	2.652	1.045	05/16/12	39	38	33	-	1920
34	BHIMA(UJJANI)	496.83	489.34	1.517	-0.308	05/16/12	0	25	0	125	12
35	ISAPUR	441.00	433.02	0.965	0.327	05/16/12	34	55	24	104	-
36	MULA	552.30	538.09	0.609	0.081	05/16/12	13	34	15	139	-
37	YELDARI	461.77	447.74	0.809	0.000	05/16/12	0	38	8	78	-
38	GIRNA	398.07	384.67	0.524	0.055	05/16/12	10	18	16	79	-
39	KHADAKVASLA	582.47	580.46	0.056	0.030	05/16/12	54	43	18	78	8
*40	UPPER VAITARNA	603.50	597.30	0.331	0.148	05/16/12	45	44	31	-	61
41	UPPER TAPI	214.00	208.93	0.255	0.032	05/16/12	13	33	24	45	-
42	PENCH (TOTALADOH)	490.00	475.16	1.091	0.252	05/14/12	23	44	14	127	160
43	UPPER WARDHA	342.50	336.71	0.564	0.164	05/16/12	29	45	32	70	-
<u>CENTRAL REGION</u>											
<u>UTTAR PRADESH</u>											
44	MATATILA	308.46	303.25	0.707	0.250	05/09/12	35	37	39	-	30
*45	RIHAND	268.22	257.04	5.649	1.168	05/17/12	21	6	10	-	300
<u>UTTRAKHAND</u>											
*46	RAMGANGA	365.30	340.86	2.196	0.746	05/08/12	34	44	18	1897	198
*47	TEHRI	830.00	747.65	2.615	0.139	05/17/12	5	11	3	2351	1000
<u>MADHYA PRADESH</u>											
*48	GANDHI SAGAR	399.90	387.94	6.827	1.315	05/15/12	19	0	5	220	115
49	TAWA	355.40	341.44	1.944	0.343	05/16/12	18	23	22	247	-
*50	BARGI	422.76	407.85	3.180	0.437	05/16/12	14	23	14	157	90
*51	BANSAGAR	341.64	336.68	5.166	3.087	05/14/12	60	11	4	488	425
*52	INDIRA SAGAR	262.13	249.52	9.745	1.990	05/02/12	20	20	9	2380	1000
<u>CHHATTIS GARH</u>											
*53	MINIMATA BANGOI	359.66	352.12	3.046	1.722	05/02/12	57	39	41	-	120
54	MAHANADI	348.70	343.42	0.767	0.346	05/16/12	45	20	46	319	10
<u>SOUTHERN REGION</u>											
<u>ANDHRA PRADESH</u>											
*55	SRISAILAM	269.75	244.88	8.288	1.234	05/17/12	15	18	15	-	770
*56	NAGARJUNA SAGAR	179.83	156.00	6.841	1.213	05/17/12	18	57	25	895	810
57	SRIRAMSAGAR	332.54	321.50	2.300	0.259	05/16/12	11	19	0	411	27
58	SOMASILA	100.58	94.61	1.994	0.971	05/17/12	49	73	25	168	-
59	LOWER MANAIR	280.42	270.62	0.621	0.149	05/16/12	24	28	21	199	60

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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>KARNATAKA</u>											
60	KRISHNARAJA SAGRA	752.50	739.58	1.163	0.100	05/16/12	9	29	10	79	-
*61	TUNGBHADRA	497.74	483.01	3.276	0.182	05/17/12	6	4	2	529	72
62	GHATAPRABHA	662.95	630.17	1.391	0.013	05/17/12	1	14	4	317	-
63	BHADRA	657.76	643.68	1.785	0.517	05/17/12	29	39	22	106	39
64	LINGANAMAKKI	554.43	537.93	4.294	0.937	05/17/12	22	25	17	-	55
65	NARAYANPUR	492.25	486.70	0.863	0.279	05/17/12	32	34	35	425	-
66	MALAPRABHA(RENUKA)	633.83	620.18	0.972	0.029	05/17/12	3	9	6	215	-
67	KABINI	696.16	688.83	0.275	0.000	05/16/12	0	0	0	85	-
68	HEMAVATHY	890.63	874.82	0.927	0.058	05/16/12	6	11	6	265	-
69	HARANGI	871.42	856.72	0.220	0.033	05/16/12	15	39	11	53	-
70	SUPA	564.00	522.25	4.120	0.691	05/17/12	17	21	19	-	-
71	VANIVILAS SAGAR	652.28	638.62	0.802	0.186	05/17/12	23	43	16	123	-
*72	ALMATTI	519.60	506.66	3.105	-0.007	05/17/12	0	9	4	@	290
*73	GERUSOPPA	55.00	53.61	0.130	0.122	05/17/12	94	82	88	83	240
<u>KERALA</u>											
74	KALLADA(PARAPPAR)	115.82	95.50	0.507	0.133	05/16/12	26	23	25	62	-
*75	IDAMALAYAR	169.00	137.65	1.018	0.265	05/16/12	26	12	17	33	75
*76	IDUKKI	732.43	705.92	1.460	0.296	05/16/12	20	29	19	-	780
*77	KAKKI	981.46	951.96	0.447	0.122	05/10/09	27	29	26	23	300
*78	PERIYAR	867.41	859.61	0.173	0.033	05/16/12	19	42	29	84	140
<u>TAMIL NADU</u>											
79	LOWER BHAWANI	278.89	263.52	0.792	0.123	05/16/12	16	37	34	105	8
*80	METTUR(STANLEY)	240.79	228.30	2.647	1.160	05/16/12	44	89	39	122	360
81	VAIGAI	279.20	272.16	0.172	0.049	05/16/12	28	38	26	61	6
82	PARAMBIKULAM	556.26	547.47	0.380	0.205	05/16/12	54	74	26	101	-
83	ALIYAR	320.04	315.04	0.095	0.064	05/16/12	67	73	40	#	60
*84	SHOLAYAR	1002.79	968.54	0.143	0.021	05/16/12	15	8	5	-	95
TOTAL FOR 84 RESERVOIRS				154.421	35.218						
PERCENTAGE							23	27	17		

Sd/-

Director

W. M. , CWC

* HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

TOTAL CCA 101 TH. HA OF PARAMBIKULAM & ALIYAR

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

† SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

Sl. No. 19th 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

