



Zimbabwe National Water Authority

State of Major Dams Report

As At 24/3/2014



Catchment	Dam Name	Purpose	10% Yield (10 ⁶ m ³)	F. S. Level (M)	Net Capacity (10 ⁶ m ³)	Present Level (M)	Present Capacity (10 ⁶ m ³)	% Full	% Change Since	
									17/3/2014	30/9/2013
Gwayi										
	POLLARDS	IR	1.282	100	3.22	99.94	3.195	99.2	-0.7	37.0
	KALOPE	IR	0.432	100	1.802	99.98	1.79	99.3	-0.3	59.7
	INSUKAMINI	IR	2.19	100	7.792	100	7.792	100.0	-3.9	65.5
	MOZA	IR	1.282	100	3.213	100.3	3.573	111.2	0.0	62.7
	LOWER MGUSA	IR		101	1.517	101.02	1.524	100.5	0.0	29.5
	EXCHANGE	IR	4.932	100	14.506	100	14.506	100.0	0.0	48.2
	NGWENYA	IR	0.45	100	2.541	100	2.541	100.0	0.0	51.9
	KHAMI	IR	1	100	3.256	100	3.256	100.0	0.0	19.2
	MANANDA	IRIN	1.2	100	11.736	100.01	11.925	101.6	-3.0	94.6
	TSHANGWA	IR		100	2.52	100.03	2.534	100.6	-0.6	35.4
	UPPER MGUSA	IR	0.26	100	3.134	99.4	2.581	82.4	0.0	69.0
	TSHONGOKWE	IR	0.078	100	0.491	100.07	0.511	104.1	-0.6	95.3
	SHANGANI	MI	3.5	94.82	13.388	94.92	13.7	102.3	-1.4	47.9
	MGULULU	WS	0.644	100	1.966	100	1.966	100.0	0.0	35.0
	LUNGWALA	IR	1.72	100	9.647	99.54	8.891	92.2	-3.0	39.5
Manyame										
	CHIVERO	IRWS	89.3	100	247.181	100.08	249.307	100.9	-0.9	14.1
	MANYAME	WSIR	107.22	100	480.236	100	480.236	100.0	-3.4	13.4
	MAZVIKADEI	IRMI	99.7	100	343.815	100.12	346.637	100.8	-0.3	8.8
	KAROI	WSIR	0.62	100	1.352	100.18	1.415	104.7	0.0	31.2
	EASTWOLDS	IR	6.2	100	14.713	99.58	13.802	93.8	0.0	0.0
	BUMURURU	IRWS	1.011	100	2.345	99.21	2.042	87.1	0.0	0.0
	BLOCKLEY	IRWS	3.26	99.5	4.868	97.46	3.248	66.7	0.0	9.9
	BHIRI-MANYAME	IR	75	100	172.485	99.47	163.287	94.7	-1.7	6.7
	SEKE	WS	1.92	100	3.38	99.53	2.903	85.9	0.7	53.5
	PEMBI	IRWS	1.25	100	2.029	100	2.029	100.0	-0.9	12.2

Catchment	Dam Name	Purpose	10% Yield (10 ⁶ m ³)	F. S. Level (M)	Net Capacity (10 ⁶ m ³)	Present Level (M)	Present Capacity (10 ⁶ m ³)	% Full	% Change Since	
									17/3/2014	30/9/2013
	HARAVA	WSIR	3.38	100	9.026	100.01	9.026	100.0	0.0	46.7
Mazowe										
	ARCADIA	IR	40	100	55.293	100.07	55.745	100.8	0.2	16.2
	WILLIAM LAURIE	IR	6.5	100	16.874	94.8	7.834	46.4	-0.1	10.8
	NYAMAROPA	IR	0.753	100	1.622	98.8	1.319	81.3	0.0	0.0
	NEGOMO	IR		100	4.968	99.98	4.952	99.7	-0.3	13.9
	MWARAZI	MIWS	4.92	100	5.893	100.07	5.954	101.0	-0.2	1.2
	KUDZWE	WS	0.733	100	2.077	99.96	2.051	98.7	0.0	0.0
	NYAMBUYA	IRWS	0.4	100	2.102	100	2.102	100.0	0.0	11.6
	NYAMAPUNGA	IR	0.254	100	1	99.95	0.95	95.0	0.0	0.0
	JUMBO	IRMI	7.5	100	20.951	99.78	20.385	97.3	-0.1	27.0
	KUSHINGA PHIKELELA	IRWS	4.13	100	7.721	100.02	7.746	100.3	-0.2	29.9
	KOTWA	WS		100	0.733	98.99	0.433	59.1	-0.3	44.2
	NYAWA	IRWS	1.13	100	2.734	100.075	2.773	101.4	0.0	2.6
	NYADIRE	WS	3.3	100	1.067	99.9	1.016	95.2	0.0	0.0
	RUFARO	IRWSI	2.3	100	4.84	100.03	4.864	100.5	0.7	18.0
	CHIWAKE	WS		100	2.036	100	2.036	100.0	0.0	14.5
	CHITISA	WS	0.67	100	1.524	97.56	0.746	49.0	0.0	0.0
	CHIMHANDA	IRWS	2.2	100	3.469	99	2.779	80.1	0.0	23.6
	NYANGOMBE	WS	0.43	100	1	100	0.95	95.0	0.0	0.0
	MASEMBURA	IR	14.68	100	25.775	99.65	24.938	96.8	-0.5	6.1
	MWENJE (NOAKES - STAGE II)	IRWSI	27.082	100	36.117	100.06	36.379	100.7	-0.2	18.4
	CHESA	WS		100	1.15	100	1.15	100.0	0.0	28.1
	NYAKAMBIRI	IRWS	0.396	100	0.664	100	0.664	100.0	0.0	41.9
	MAZOWE	IR	18.3	100	39.357	91.98	11.287	28.7	0.0	9.7
	MUFURUDZI	IR	9	100	9.619	100.09	11.86	123.3	-0.6	38.6
Mzingwane										
	SIWAZE	IRWS	0.576	100	2.325	100.13	2.417	104.0	-1.5	63.1
	BEIT BRIDGE 1	WS	1.705	100	1.368	99.58	1.239	90.6	-0.7	34.8
	TULI MAKWE	IRMI	1.62	100	6.122	100.04	6.18	100.9	-0.5	40.0
	MUNDI MATAGA	IR		100	38.827	100.06	39.171	100.9	-0.6	14.5
	BEIT BRIDGE 2	WS	6.16	100	5.315	94.66	1.359	25.6	-0.4	-9.2
	INGWESI	IRWS	7.44	100	67.183	99.96	64.377	95.8	-4.3	40.2
	BIRI	IR	1.905	100	2.286	98.9	1.592	69.6	-0.5	54.4

Catchment	Dam Name	Purpose	10% Yield	F. S. Level	Net Capacity	Present Level	Present Capacity	% Full	% Change Since	
			(10 ⁶ m ³)	(M)	(10 ⁶ m ³)	(M)	(10 ⁶ m ³)		17/3/2014	30/9/2013
	INSIZA	WSIR	39.8	100	173.491	100.43	182.22	105.0	-0.5	55.3
	NGWANE	WS	1.35	100	1.1	99.98	1.095	99.5	-1.8	53.2
	MASHOLOMOSHE	IR	0.67	100	1.068	99.2	1.02	95.5	0.0	0.0
	CHIMWE	IR	1.4	100	6.416	100.04	6.459	100.7	0.0	12.0
	MPOPOMA	IR	0.06	100	2.159	98.8	1.65	76.4	0.0	0.0
	SHASHANI	IRWS	9	100	27.338	100	27.338	100.0	0.0	31.2
	MTSHABEZI	IRWS	11.35	100	51.996	100.03	52.109	100.2	-0.1	5.4
	BULILIMA	IRWS	0.138	100	1.333	98.06	0.588	44.1	0.0	0.0
	MHLANGWA	WSIR	1.436	100	4.239	100.02	4.255	100.4	-1.7	65.9
	LOWER MUJENI	IRWS	7.04	102.4	10.126	102.72	10.82	106.9	-0.4	36.4
	VALLEY	IR	0.103	100	5.427	100.07	5.515	101.6	-1.9	27.3
	UPPER NCEMA	WS	24.6	100	43.574	96.71	28.462	65.3	-1.2	64.5
	ZHOVHE	IR	45	100	130.46	100	130.46	100.0	-1.4	16.3
	SUKWE	IR	0.36	100	1.7	99.9	1.24	72.9	0.0	0.0
	MANYUCHI	IR	104	100	309.066	100.29	318.728	103.1	0.0	40.6
	LOWER NCEMA	WS	8.688	100	14.876	98.81	13.165	88.5	-1.1	62.5
	MANGWE	WS		100	8.713	100.01	8.728	100.2	-0.4	27.4
	UPPER INSIZA	IR	4	100	7.818	99.99	7.797	99.7	-0.3	94.1
	SILALABUHWA	IRWS	10.743	100	23.22	99.99	23.181	99.8	-0.5	66.5
	MZINGWANE	IRWS	13	100	42.179	96.79	29.973	71.1	-0.8	48.1
	MBEMBESWANE	IRWS	0.09	100	1.6	99.99	1.595	99.7	0.0	0.0
	ANTELOPE	IRWS	6.025	100	12.525	100.04	12.645	101.0	-1.2	36.8
	INYANKUNI	WS	9.1	100	74.52	86.39	15.577	20.9	-0.1	20.9
Runde										
	TURRAMURA	IR	0.154	100	0.324	100	0.324	100.0	0.0	28.1
	TUGWANE	IR	2.06	100	3.055	100	3.055	100.0	0.0	19.8
	AMAPONGOKWE	IRWS	5.93	100	37.587	98.66	30.9	82.2	-0.1	41.0
	CHIVAKE	IR	2.115	100	4.639	100	4.639	100.0	0.0	21.9
	BANGALA	IR	130	100	126.588	100.24	129.312	102.2	-0.4	96.0
	WOODLANDS	MI	1.606	100	2.454	100	2.454	100.0	0.0	4.8
	BANGA	IR	0.6	100	0.902	100	0.902	100.0	0.0	98.0
	HAMA	IR	1.278	100	1.725	100	1.725	100.0	0.0	30.3
	MABVUTE	IR	1.616	100	3.219	100	3.22	100.0	0.0	37.2
	MHENDE	IR	1	100	3.642	100	3.642	100.0	0.0	55.6
	NYAJENA	IR	4.9	100	4.667	100.18	5.038	107.9	0.0	35.7

Catchment	Dam Name	Purpose	10% Yield	F. S. Level	Net Capacity	Present Level	Present Capacity	% Full	% Change Since	
			(10 ⁶ m ³)	(M)	(10 ⁶ m ³)	(M)	(10 ⁶ m ³)		17/3/2014	30/9/2013
	MBINDANGOMBE	IR	6.044	100	22.583	100.05	22.741	100.7	0.0	81.2
	MUSHANDIKE	IR	9.2	100	37.252	96.13	22.936	61.6	1.8	60.7
	MUTERI	IR	33.344	100	74.214	100	74.214	100.0	0.0	38.5
	MANJIRENJI	IR	105	100	274.179	100.22	274.585	100.1	-1.4	82.9
	MUTIRIKWI	WSIR	383.958	101	1378.082	89.59	545.351	39.6	0.9	27.7
	MAKONESE	IR	0.569	100	2	100	2	100.0	0.0	35.8
	MAGUDU	IR	0.682	100	5.845	100	5.845	100.0	0.0	1.5
	GOZHO	IR	0.622	100	1.325	100	1.325	100.0	0.0	53.1
	MABWEMATEMA	IR	0.141	100	2.798	100	2.798	100.0	0.0	1.1
	GONYE	WS	1.1	100	2	100	2	100.0	0.0	6.0
	MUZHWI	IRMI	60	100	106.961	100.23	109.483	102.4	-1.9	91.0
	JIRI	IR	8.98	100	20	100	20	100.0	0.0	0.0
	NYATARE	IR	1.929	100	2.597	100	2.597	100.0	0.0	2.6
	NGEZI	WSIR	33.29	100	72.32	100.09	72.823	100.7	0.0	38.7
	CHEDOZVO	WS	0.56	100	2.865	100	2.865	100.0	0.0	2.1
	GWENORO	IRWS	26.205	100	29.554	99.11	25.883	87.6	-0.4	77.8
	TOKWANE	IR	6.5	100	14.467	100.46	15.631	108.0	0.0	107.7
	MUSAWEREMA	IR		100	7.316	100	7.316	100.0	0.0	42.4
	SHURUGWI	IRIN	1.09	100	2.116	99.98	2.108	99.6	-0.6	87.4
Sanyati										
	SURI SURI	IR	2.89	100	9.971	98.54	6.935	69.6	-0.6	61.2
	NYAMAFUFU	WS	1.42	100	9.113	100	9.113	100.0	-0.3	19.3
	MUPFURE WEIRS	WS		0	3.835	0	3.75	97.8	0.0	0.0
	SEBAKWE (STAGE II)	WSIR	95.93	100	265.733	100.02	266.199	100.2	-0.4	40.1
	SOMALALA	IR	0.58	100	1.7	99.9	1.29	75.9	0.0	0.0
	CLIFTON	IRWS	5.1	100	10.807	97.91	7.054	65.3	1.9	8.2
	MAMINA	IR	9.33	100	11.361	99.99	11.334	99.8	-0.2	24.4
	MAHUSEKWA	IR	2.458	100	2.992	100	2.992	100.0	0.0	6.2
	LOWER ZIVAGWE	IRWS	0.9	100	6.993	100.13	7.272	104.0	-2.2	18.2
	KARIBA	HY		100	64800	95.92	42732.7	65.9	-0.4	-4.7
	NGESI	IRWS	14.818	100	22.686	100.03	22.853	100.7	-1.7	61.0
	NGONDOMA	IR	4.77	100	7.487	100.63	8.877	118.6	-13.6	74.6
	CACTUS POORT	INWS	2	100	3.009	100	3.009	100.0	0.0	18.2
	DZIVA	IRWS	0.3	100	2.877	100.15	3.007	104.5	-9.4	36.7
	WHITEWATERS	WS	1.181	100	4.895	100.01	4.91	100.3	-0.6	34.4

Catchment	Dam Name	Purpose	10% Yield	F. S. Level	Net Capacity	Present Level	Present Capacity	% Full	% Change Since	
			(10 ⁶ m ³)	(M)	(10 ⁶ m ³)	(M)	(10 ⁶ m ³)		17/3/2014	30/9/2013
	CLAW (STAGE II)	IRWS	25.4	105.7	65.455	105.67	65.105	99.5	-0.4	24.2
	CHIKOMBA	IRWS	2	100	5.461	100	5.461	100.0	0.0	52.5
	CHIBERO	WSIR	2.3	100	3.12	100.39	3.342	107.1	0.0	70.9
	PADRE'S POOL	WSIR		100	2.987	100.03	3.005	100.6	0.0	46.8
Save	BANGAZAAN	WS	2.58	100	2.825	99.22	2.528	89.5	1.7	38.3
	NYAHANGARE	IR	0.12	100	0.275	99.94	0.268	97.5	0.0	0.0
	MHAKWE	IR	0.291	100	0.524	100	0.524	100.0	0.0	58.4
	MUNJANGANJA	IR	0.584	100	1.969	100.01	1.976	100.4	0.0	41.5
	MASHOKO	IR	0.91	100	1.512	100	1.512	100.0	0.0	47.3
	ZIMUNYA	WS	0.238	100	0.26	101.99	0.26	100.0	0.0	0.0
	SMALL BRIDGE	WS	15.86	100	14.785	100.1	14.96	101.2	-0.4	28.4
	ROSWA	IR	1.45	100	2.819	100.07	2.853	101.2	0.0	31.8
	NERUTANGA	WS	1.16	100	1.775	99.88	1.714	96.6	0.0	0.0
	CHINYAMATUMWA	IR	0.6	100	2.319	100.01	2.324	100.2	0.0	16.8
	CHAKO	IR	0.243	100	0.295	100.36	0.317	107.5	0.0	3.4
	ODZANI	WS	10.2	100	6.422	100.09	6.489	101.0	-0.2	27.8
	OSBORNE	IR	162.5	100	401.646	100.21	407.072	101.4	-0.7	0.8
	WENIMBI	IR		100	21.932	100.06	22.125	100.9	-0.1	6.2
	RUSAPE	WSIR	47.2	100	66.964	100.34	69.081	103.2	1.4	24.3
	RUTI	IR	77.7	101.6	152.308	100.34	131.579	86.4	-1.2	66.8
	SIYA	IR	78.21	100	105.455	99.34	100.187	95.0	4.8	69.7

ZIMBABWE NATIONAL WATER AUTHORITY (ZINWA) - RESEARCH AND DATA

URBAN SUPPLY SUMMARY

As At 24/3/2014

CITY / TOWN	DAMS	Net Capacity (10 ⁶ M ³)	Present Capacity (10 ⁶ M ³)	Percent Full	% CHANGE SINCE	
					17/3/2014	30/9/2013
HARARE	MANYAME, CHIVERO, SEKE, HARAVA	739.823	741.472	100.2	-2.5	14.2
BULAWAYO	INSIZA, INYANKUNI, NCEMA DAMS, MZINGWANE	348.64	269.397	77.3	-0.5	48.5
MUTARE	ODZANI, SMALL BRIDGE	21.207	21.449	101.1	-0.3	28.2
GWERU	WHITEWATERS, AMAPONGOKWE, GWENORO	72.036	61.693	85.6	-0.3	55.7
KADOMA	CLAW (STAGE II)	65.455	65.105	99.5	-0.4	24.2
KWEKWE	LOWER ZIVAGWE, SEBAKWE (STAGE II)	272.726	273.471	100.3	-0.4	39.5
CHEGUTU	MUPFURE, CLIFTON, DZIVA + WEIRS	17.519	13.811	78.8	-0.4	11.1
GWANDA	LOWER MUJENI	10.126	10.82	106.9	-0.4	36.4
PLUMTREE	MHLANGWA, MANGWE, BULILIMA	14.285	13.571	95.0	-0.7	36.3
BEIT BRIDGE	BEIT BRIDGE O/R DAMS	6.683	2.598	38.9	-0.5	-0.2
FIGTREE	MGULULU	1.966	1.966	100.0	0.0	35.0
MARONDERA	RUFARO, NYAMBUYA, NYAKAMBIRI	7.606	7.63	100.3	0.4	18.3
RUSAPE	RUSAPE	66.964	69.081	103.2	1.4	24.3
KAROI	BLOCKLEY, KAROI	6.22	4.663	75.0	0.0	14.5
BINDURA/SHAMVA	MWENJE (NOAKES - STAGE II)	36.117	36.379	100.7	-0.2	18.4
CHIVHU	CHIKOMBA	5.461	5.461	100.0	0.0	52.5
CHIPINGE	BANGAZAAN	2.825	2.528	89.5	1.7	38.3
MASVINGO	MUTIRIKWI	1378.082	545.351	39.6	0.9	27.7
KARIBA	KARIBA	64800	42732.7	65.9	-0.4	-4.7
SHURUGWI	SHURUGWI	2.116	2.108	99.6	-0.6	87.4
LOWVELD DAMS	MUTERI, RUSAPE, RUTI, SIYA, MANJIRENJI, BANGALA, MUZHWI, TOKWANE, OSBORNE, MUTIRIKWI	2700.864	1856.495	68.7	0.3	39.5
BUHERA	NERUTANGA	1.775	1.714	96.6	0.0	0.0
ZVISHAVANE	NGEZI	72.32	72.823	100.7	0.0	38.7
BIKITA	ROSWA	2.819	2.853	101.2	0.0	31.8
MUPANDAWANA/GUTU	WODLANDS, TURRAMURA	2.778	2.778	100.0	0.0	7.6
MASHAVA	MUZHWI	106.961	109.483	102.4	-1.9	91.0

Note : The Lowveld dams were built to supply irrigation water to the Lowveld. Kariba Capacity shows only the live capacity (with respect to electricity Generation).

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ZIMBABWE NATIONAL WATER AUTHORITY (ZINWA) - RESEARCH AND DATA

URBAN SUPPLY SUMMARY

As At 24/3/2014

CITY / TOWN	DAMS	Net Capacity (10 ⁶ M ³)	Present Capacity (10 ⁶ M ³)	Percent Full	% CHANGE SINCE	
					17/3/2014	30/9/2013
ZAKA	NYATARE	2.597	2.597	100.0	0.0	2.6
KEZI	NGWANE	1.1	1.095	99.5	-1.8	53.2
CHIRUMANZU	HAMA	1.725	1.725	100.0	0.0	30.3
MAPHISA	ANTELOPE	12.525	12.645	101.0	-1.2	36.8
MUTOKO	NYADIRE	1.067	1.016	95.2	0.0	0.0
MUDZI	CHITISA/KUDZWE	3.601	2.797	77.7	0.0	0.0
MUREWA	CHIVAKE	2.036	2.036	100.0	0.0	14.5
RUTENGA/MWENEZI	MANYUCHI	309.066	318.728	103.1	0.0	40.6
SARAHURO	CHEDOZVO	2.865	2.865	100.0	0.0	2.1
ZIMUNYA	ZIMUNYA	0.26	0.26	100.0	0.0	0.0
RUSHINGA	CHIMHANDA	3.469	2.779	80.1	0.0	23.6
MVURWI	PEMBI	2.029	2.029	100.0	-0.9	12.2
CENTENARY	BUMURURU	2.345	2.042	87.1	0.0	0.0
AVOCA	SIWAZE	2.325	2.417	104.0	-1.5	63.1
CONCESSION	JUMBO	20.951	20.385	97.3	-0.1	27.0
MAHUSEKWA	MAHUSEKWA	2.992	2.992	100.0	0.0	6.2
MVUMA	NYAMAFUFU	9.113	9.113	100.0	-0.3	19.3

Note : The Lowveld dams were built to supply irrigation water to the Lowveld. Kariba Capacity shows only the live capacity (with respect to electricity Generation).

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ZIMBABWE NATIONAL WATER AUTHORITY (ZINWA) - RESEARCH AND DATA

CATCHMENT SUMMARY

AS AT 24/3/2014

Please note that Kariba is not included in Catchment Analysis

CATCHMENT	NET CAPACITY	PRESENT CAPACITY	% FULL	% CHANGE SINCE	
	(10 ⁶ m ³)	(10 ⁶ m ³)		17/3/2014	30/9/2013
Gwayi	80.729	80.285	99.5	-1.5	54.9
Manyame	1281.43	1273.932	99.4	-1.8	11.6
Mazowe	248.586	210.913	84.8	-0.1	15.5
Mzingwane	1078.37	1000.955	92.8	-0.7	37.5
Runde	2247.276	1397.712	62.2	0.3	44.2
Sanyati	440.482	435.508	98.9	-0.7	37.3
Save	784.085	765.769	97.7	0.2	26.3
TOTALS	6160.958	5165.074	83.8	-0.44	32.47