



Zimbabwe National Water Authority

State of Major Dams Report

As At 10/03/2014



Catchment	Dam Name	Purpose	10% Yield (10 ⁶ m ³)	F. S. Level (M)	F.S Capacity (10 ⁶ m ³)	Present Level (M)	Present Capacity (10 ⁶ m ³)	% Full	% Change Since	
									03/03/2014	30/09/2013
Gwayi										
	INSUKAMINI	IR	2.19	100	7.792	100.14	8.078	103.7	2.6	69.1
	POLLARDS	IR	1.282	100	3.22	99.9	3.18	98.8	0.0	36.5
	MGULULU	WS	0.644	100	1.966	100	1.966	100.0	0.0	35.0
	LUNGWALA	IR	1.72	100	9.647	99.95	9.563	99.1	0.0	46.5
	NGWENYA	IR	0.45	100	2.541	100	2.541	100.0	0.0	51.9
	TSHANGWA	IR		100	2.52	100.07	2.57	102.0	0.6	36.9
	SHANGANI	MI	3.5	94.82	13.388	94.63	12.81	95.7	-0.2	41.2
	TSHONGOKWE	IR	0.078	100	0.491	100.07	0.511	104.1	-1.2	95.3
	EXCHANGE	IR	4.932	100	14.506	100	14.506	100.0	-0.8	48.2
	MOZA	IR	1.282	100	3.213	100.3	3.573	111.2	0.0	62.7
	KALOPE	IR	0.432	100	1.802	100.04	1.827	101.4	0.3	61.8
	UPPER MGUSA	IR	0.26	100	3.134	99.45	2.624	83.7	1.1	70.4
	KHAMI	IR	1	100	3.256	100	3.256	100.0	0.0	19.2
	MANANDA	IRIN	1.2	100	11.736	100.07	11.957	101.9	1.9	94.9
	LOWER MGUSA	IR		101	1.517	101.05	1.533	101.1	-2.6	30.1
Manyame										
	KAROI	WSIR	0.62	100	1.352	100.18	1.415	104.7	4.7	31.2
	MAZVIKADEI	IRMI	99.7	100	343.815	100.2	348.528	101.4	-0.1	9.4
	MANYAME	WSIR	107.22	100	480.236	100.03	482.65	100.5	0.0	13.9
	EASTWOLDS	IR	6.2	100	14.713	99.58	13.802	93.8	0.0	0.0
	CHIVERO	IRWS	89.3	100	247.181	100.1	249.84	101.1	-0.8	14.3
	PEMBI	IRWS	1.25	100	2.029	100.02	2.041	100.6	0.6	12.8
	BUMURURU	IRWS	1.011	100	2.345	99.21	2.042	87.1	0.0	0.0
	SEKE	WS	1.92	100	3.38	99.51	2.857	84.5	-2.7	52.2

Catchment	Dam Name	Purpose	10% Yield (10 ⁶ m ³)	F. S. Level (M)	F.S Capacity (10 ⁶ m ³)	Present Level (M)	Present Capacity (10 ⁶ m ³)	% Full	% Change Since	
									03/03/2014	30/09/2013
	HARAVA	WSIR	3.38	100	9.026	100.01	9.026	100.0	0.0	46.7
	BLOCKLEY	IRWS	3.26	99.5	4.868	97.44	3.234	66.4	0.1	9.6
	BHIRI-MANYAME	IR	75	100	172.485	99.56	164.826	95.6	2.3	7.5
Mazowe										
	NYAMAPUNGA	IR	0.254	100	1	99.95	0.95	95.0	0.0	0.0
	CHIWAKE	WS		100	2.036	100	2.036	100.0	0.0	14.5
	MWARAZI	MIWS	4.92	100	5.893	100.12	5.998	101.8	0.0	1.9
	MASEMBURA	IR	14.68	100	25.775	99.8	25.293	98.1	-1.6	7.5
	JUMBO	IRMI	7.5	100	20.951	99.82	20.487	97.8	0.1	27.5
	NYAMAROPA	IR	0.753	100	1.622	98.8	1.319	81.3	0.0	0.0
	KOTWA	WS		100	0.733	99.05	0.447	61.0	1.2	46.1
	MAZOWE	IR	18.3	100	39.357	91.98	11.287	28.7	0.2	9.7
	ARCADIA	IR	40	100	55.293	100.09	55.875	101.1	-0.1	16.4
	NEGOMO	IR		100	4.968	100.03	4.991	100.5	-0.9	14.7
	MWENJE (NOAKES - STAG	IRWSIN	27.082	100	36.117	100.1	36.554	101.2	0.1	18.9
	NYAKAMBIRI	IRWS	0.396	100	0.664	100	0.664	100.0	0.0	41.9
	MUFURUDZI	IR	9	100	9.619	100.13	9.864	102.5	0.0	17.9
	NYADIRE	WS	3.3	100	1.067	99.9	1.016	95.2	0.0	0.0
	RUFARO	IRWSIN	2.3	100	4.84	100.02	4.856	100.3	2.0	17.8
	CHESA	WS		108	1.15	100.11	1.186	103.1	-8.5	31.2
	NYAMBUYA	IRWS	0.4	100	2.102	100	2.102	100.0	0.0	11.6
	CHIMHANDA	IRWS	2.2	100	3.469	99	2.779	80.1	0.0	23.6
	KUSHINGA PHIKELELA	IRWS	4.13	100	7.721	100.04	7.771	100.6	-0.2	30.2
	KUDZWE	WS	0.733	100	2.077	99.96	2.051	98.7	0.0	0.0
	NYAWA	IRWS	1.13	100	2.734	100.07	2.768	101.2	-0.4	2.5
	WILLIAM LAURIE	IR	6.5	100	16.874	94.77	7.797	46.2	0.8	10.6
	NYANGOMBE	WS	0.43	100	1	100	0.95	95.0	0.0	0.0
	CHITISA	WS	0.67	100	1.418	97.56	0.746	52.6	0.0	0.0
Mzingwane										
	MANYUCHI	IR	104	100	303.473	100.17	314.707	103.7	0.0	40.0
	LOWER NCEMA	WS	8.688	100	14.876	98.25	12.402	83.4	12.5	57.4
	MTSHABEZI	IRWS	11.35	100	51.996	100.08	52.298	100.6	0.1	5.7
	MPOPOMA	IR	0.06	100	2.159	98.8	1.65	76.4	0.0	0.0

Catchment	Dam Name	Purpose	10% Yield (10 ⁶ m ³)	F. S. Level (M)	F.S Capacity (10 ⁶ m ³)	Present Level (M)	Present Capacity (10 ⁶ m ³)	% Full	% Change Since	
									03/03/2014	30/09/2013
	MHLANGWA	WSIR	1.436	100	4.239	100.11	4.327	102.1	0.9	67.6
	LOWER MUJENI	IRWS	7.04	102.4	10.126	102.74	10.864	107.3	-0.2	36.8
	UPPER INSIZA	IR	4	100	7.818	100.01	7.839	100.3	0.3	94.6
	UPPER NCEMA	WS	24.6	100	43.574	97.15	30.192	69.3	0.0	68.5
	MBEMBESWANE	IRWS	0.09	100	2.318	99.99	1.595	68.8	0.0	0.0
	VALLEY	IR	0.103	100	5.427	100.14	5.604	103.3	0.9	28.9
	ANTELOPE	IRWS	6.025	100	12.525	100.39	13.702	109.4	5.0	45.3
	MASHOLOMOSHE	IR	0.67	100	1.068	99.2	1.02	95.5	0.0	0.0
	MANGWE	WS		100	8.713	100.01	8.728	100.2	-0.2	27.4
	ZHOVHE	IR	45	100	130.46	100.31	137.494	105.4	5.6	21.7
	NGWANE	WS	1.35	100	1.1	100.08	1.13	102.7	5.9	56.4
	BULILIMA	IRWS	0.138	100	1.333	98.06	0.588	44.1	0.0	0.0
	SILALABUHWA	IRWS	10.743	100	23.22	100.11	23.655	101.9	2.0	68.5
	SIWAZE	IRWS	0.576	100	2.325	100.2	2.467	106.1	3.1	65.3
	CHIMWE	IR	1.4	100	6.416	100.07	6.492	101.2	0.5	12.5
	BIRI	IR	1.905	100	2.286	98.86	1.569	68.6	4.9	53.4
	SUKWE	IR	0.36	100	1.7	99.9	1.24	72.9	0.0	0.0
	BEIT BRIDGE 2	WS	6.16	100	5.315	94.68	1.368	25.7	0.3	-9.0
	BEIT BRIDGE 1	WS	1.705	100	1.368	99.62	1.252	91.5	-1.8	35.7
	MUNDI MATAGA	IR		128	38.827	100.1	39.402	101.5	-0.7	15.1
	INSIZA	WSIR	39.8	100	173.491	100.46	182.842	105.4	0.2	55.6
	INYANKUNI	WS	9.1	100	74.52	86.34	15.434	20.7	3.4	20.7
	MZINGWANE	IRWS	13	100	42.179	96.91	30.376	72.0	2.0	49.1
	SHASHANI	IRWS	9	100	27.338	100	27.338	100.0	0.0	31.2
	INGWESI	IRWS	7.44	100	67.183	100.11	68.103	101.4	-0.1	45.8
	TULI MAKWE	IRMI	1.62	100	6.122	100.21	6.434	105.1	3.2	44.2
Runde										
	JIRI	IR	8.98	100	20	100	20	100.0	0.0	0.0
	CHEDOZVO	WS	0.56	100	2.865	99.94	2.805	97.9	0.0	0.0
	AMAPONGOKWE	IRWS	5.93	100	37.587	98.68	30.995	82.5	1.4	41.3
	GONYE	WS	1.1	100	2	99.95	1.88	94.0	0.0	0.0
	CHIVAKE	IR	2.115	100	4.639	98.57	3.183	68.6	0.0	-9.4
	GWENORO	IRWS	26.205	100	29.554	99.12	25.923	87.7	3.3	77.9
	BANGALA	IR	130	100	126.588	100.36	130.689	103.2	-0.4	97.1

Catchment	Dam Name	Purpose	10% Yield (10 ⁶ m ³)	F. S. Level (M)	F.S Capacity (10 ⁶ m ³)	Present Level (M)	Present Capacity (10 ⁶ m ³)	% Full	% Change Since	
									03/03/2014	30/09/2013
	HAMA	IR	1.278	100	1.725	98.52	1.203	69.7	0.0	0.0
	GOZHO	IR	0.622	100	1.325	96.68	0.622	46.9	0.0	0.0
	BANGA	IR	0.6	100	0.902	93.04	0.018	2.0	0.0	0.0
	SHURUGWI	IRIN	1.09	100	2.116	100.04	2.134	100.9	0.4	88.6
	MABVUTE	IR	1.616	100	3.219	98.02	2.023	62.8	0.0	0.0
	NYAJENA	IR	4.9	100	4.667	100.21	5.101	109.3	-1.4	37.0
	NGEZI	WSIR	33.29	100	72.32	100.25	73.724	101.9	1.4	39.9
	MUZHWI	IRMI	60	100	106.961	100.39	111.259	104.0	-3.6	92.7
	MUTIRIKWI	WSIR	383.958	101	1378.082	88.54	492.115	35.7	3.5	23.8
	MUTERI	IR	33.344	100	74.214	96.42	45.661	61.5	0.0	0.0
	MUSHANDIKE	IR	9.2	100	37.252	94.67	18.661	50.1	5.2	49.2
	NYATARE	IR	1.929	100	2.597	99.91	2.529	97.4	0.0	0.0
	MUSAWEREMA	IR		100	7.316	98.55	4.216	57.6	0.0	0.0
	MHENDE	IR	1	100	3.642	96.67	1.616	44.4	0.0	0.0
	TOKWANE	IR	6.5	100	14.467	100.42	15.527	107.3	-1.8	107.0
	MABWEMATEMA	IR	0.141	100	2.798	99.95	2.767	98.9	0.0	0.0
	MBINDANGOMBE	IR	6.044	100	22.583	100.05	22.741	100.7	0.0	81.2
	TUGWANE	IR	2.06	100	3.055	99.9	2.449	80.2	0.0	0.0
	MANJIRENJI	IR	105	100	274.179	100.23	278.868	101.7	0.2	84.4
	TURRAMURA	IR	0.154	100	0.324	99.5	0.233	71.9	0.0	0.0
	MAKONESE	IR	0.569	100	2	98.48	1.284	64.2	0.0	0.0
	WOODLANDS	MI	1.606	100	2.454	99.86	2.335	95.2	0.0	0.0
	MAGUDU	IR	0.682	100	5.845	99.93	5.756	98.5	0.0	0.0
Sanyati										
	WHITEWATERS	WS	1.181	100	4.895	100.03	4.94	100.9	0.0	35.0
	PADRE'S POOL	WSIR		100	2.987	100.03	3.005	100.6	-0.2	46.8
	CHIKOMBA	IRWS	2	100	5.461	100.01	5.475	100.3	-1.8	52.7
	CHIBERO	WSIR	2.3	100	3	100.29	3.342	111.4	3.3	73.8
	SOMALALA	IR	0.58	100	1.7	99.9	1.29	75.9	0.0	0.0
	SEBAKWE (STAGE II)	WSIR	95.93	100	265.733	100.15	269.244	101.3	1.1	41.2
	SURI SURI	IR	2.89	100	9.971	98.58	7.008	70.3	0.6	61.9
	CLIFTON	IRWS	5.1	100	10.807	97.6	6.578	60.9	2.3	3.7
	CACTUS POORT	INWS	2	100	3.009	100	3.009	100.0	0.0	18.2
	NGESI	IRWS	14.818	100	22.686	100.05	22.965	101.2	-0.5	61.5

Catchment	Dam Name	Purpose	10% Yield (10 ⁶ m ³)	F. S. Level (M)	F.S Capacity (10 ⁶ m ³)	Present Level (M)	Present Capacity (10 ⁶ m ³)	% Full	% Change Since	
									03/03/2014	30/09/2013
	LOWER ZIVAGWE	IRWS	0.9	100	6.993	100.3	7.653	109.4	2.9	23.7
	MAHUSEKWA	IR	2.458	100	2.992	100.07	3.036	101.5	0.0	7.7
	MAMINA	IR	9.33	100	11.361	100.04	11.467	100.9	1.2	25.5
	KARIBA	HY		100	64800	95.83	42267.7	65.2	0.8	-5.4
	NYAMAFUFU	WS	1.42	100	9.113	100.01	9.136	100.3	0.0	19.5
	MUPFURE WEIRS	WS		100	3.835	0	3.75	97.8	0.0	0.0
	NGONDOMA	IR	4.77	100	7.487	99.99	7.466	99.7	-1.7	55.8
	CLAW (STAGE II)	IRWS	25.4	105.7	65.455	105.69	65.338	99.8	-0.2	24.5
	DZIVA	IRWS	0.3	100	2.877	100.22	3.069	106.7	-4.1	38.8
Save										
	SMALL BRIDGE	WS	15.86	100	14.785	100.11	14.977	101.3	-0.6	28.5
	ODZANI	WS	10.2	100	6.422	100.1	6.496	101.2	-0.4	27.9
	WENIMBI	IR		80.2	9.616	100.09	22.221	231.1	0.0	15.1
	OSBORNE	IR	162.5	100	401.646	100.3	409.412	101.9	-0.3	1.4
	MASHOKO	IR	0.91	100	1.512	100	1.512	100.0	0.0	47.3
	BANGAZAAN	WS	2.58	100	2.825	98.82	2.382	84.3	9.3	33.1
	ZIMUNYA	WS	0.238	100	0.26	101.99	0.26	100.0	0.0	0.0
	NERUTANGA	WS	1.16	100	1.775	99.88	1.714	96.6	0.0	0.0
	MUNJANGANJA	IR	0.584	101	2.713	100.02	1.982	73.1	0.0	30.3
	NYAHANGARE	IR	0.12	100	0.275	99.94	0.268	97.5	0.0	0.0
	SIYA	IR	78.21	100	105.455	98.25	91.902	87.1	6.9	61.8
	ROSWA	IR	1.45	100	2.819	100.07	2.853	101.2	0.0	31.8
	MHAKWE	IR	0.291	100	0.524	100	0.524	100.0	0.0	58.4
	CHAKO	IR	0.243	100	0.295	100.35	0.317	107.5	-0.3	3.4
	RUTI	IR	77.7	101.6	152.308	100.51	134.242	88.1	-1.6	68.6
	RUSAPE	WSIR	47.2	100	66.964	100.25	68.516	102.3	0.2	23.5
	CHINYAMATUMWA	IR	0.6	100	2.319	100.01	2.324	100.2	0.0	16.8

ZIMBABWE NATIONAL WATER AUTHORITY (ZINWA) - RESEARCH AND DATA

URBAN SUPPLY SUMMARY

As At 10/3/2014

CITY / TOWN	DAMS	Full Supply Capacity (10 ⁶ M ³)	Present Capacity (10 ⁶ M ³)	Percent Full	% CHANGE SINCE	
					3/3/2014	30/9/2013
HARARE	MANYAME, CHIVERO, SEKE, HARAVA	739.82	744.373	100.6	-0.3	14.6
BULAWAYO	INSIZA, INYANKUNI, NCEMA DAMS, MZINGWANE	353.19	271.246	76.8	1.6	48.4
MUTARE	ODZANI, SMALL BRIDGE	21.20	21.473	101.3	-0.5	28.3
GWERU	WHITEWATERS, AMAPONGOKWE, GWENORO	72.03	61.858	85.9	2.1	55.9
KADOMA	CLAW (STAGE II)	65.45	65.338	99.8	-0.2	24.5
KWEKWE	LOWER ZIVAGWE, SEBAKWE (STAGE II)	272.72	276.897	101.5	1.1	40.8
CHEGUTU	MUPFURE, CLIFTON, DZIVA + WEIRS	17.51	13.397	76.5	0.7	8.7
GWANDA	LOWER MUJENI	10.12	10.864	107.3	-0.2	36.8
PLUMTREE	MHLANGWA, MANGWE, BULILIMA	14.28	13.643	95.5	0.2	36.8
BEIT BRIDGE	BEIT BRIDGE O/R DAMS	6.68	2.62	39.2	-0.1	0.1
FIGTREE	MGULULU	1.96	1.966	100.0	0.0	35.0
MARONDERA	RUFARO, NYAMBUYA, NYAKAMBIRI	7.60	7.622	100.2	1.3	18.2
RUSAPE	RUSAPE	66.96	68.516	102.3	0.2	23.5
KAROI	BLOCKLEY, KAROI	6.2	4.649	74.7	1.1	14.3
BINDURA/SHAMVA	MWENJE (NOAKES - STAGE II)	36.11	36.554	101.2	0.1	18.9
CHIVHU	CHIKOMBA	5.46	5.475	100.3	-1.8	52.7
CHIPINGE	BANGAZAAN	2.82	2.382	84.3	9.3	33.1
MASVINGO	MUTIRIKWI	1378.08	492.115	35.7	3.5	23.8
KARIBA	KARIBA	6480	42267.7	65.2	0.8	-5.4
SHURUGWI	SHURUGWI	2.11	2.134	100.9	0.4	88.6
LOWVELD DAMS	MUTERI, RUSAPE, RUTI, SIYA, MANJIRENJI, BANGALA, MUZHWI, TOKWANE, OSBORNE, MUTIRIKWI	2700.86	1778.191	65.8	1.8	36.6
BUHERA	NERUTANGA	1.77	1.714	96.6	0.0	0.0
ZVISHAVANE	NGEZI	72.3	73.724	101.9	1.4	39.9
BIKITA	ROSWA	2.81	2.853	101.2	0.0	31.8
MUPANDAWANA/GUTU	WODLANDS, TURRAMURA	2.77	2.568	92.4	0.0	0.0
MASHAVA	MUZHWI	106.96	111.259	104.0	-3.6	92.7

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).

THE RESEARCH AND DATA MANAGER

13/3/2014 9:41:21 AM

ZIMBABWE NATIONAL WATER AUTHORITY (ZINWA) - RESEARCH AND DATA

URBAN SUPPLY SUMMARY

As At 10/3/2014

CITY / TOWN	DAMS	Full Supply Capacity (10 ⁶ M ³)	Present Capacity (10 ⁶ M ³)	Percent Full	% CHANGE SINCE	
					3/3/2014	30/9/2013
ZAKA	NYATARE	2.59	2.529	97.4	0.0	0.0
KEZI	NGWANE	1.	1.13	102.7	5.9	56.4
CHIRUMANZU	HAMA	1.72	1.203	69.7	0.0	0.0
MAPHISA	ANTELOPE	12.52	13.702	109.4	5.0	45.3
MUTOKO	NYADIRE	1.06	1.016	95.2	0.0	0.0
MUDZI	CHITISA/KUDZWE	3.60	2.797	77.7	0.0	0.0
MUREWA	CHIVAKE	2.03	2.036	100.0	0.0	14.5
RUTENGA/MWENEZI	MANYUCHI	309.06	314.707	101.8	0.0	39.3
SARAHURO	CHEDOZVO	2.86	2.805	97.9	0.0	0.0
ZIMUNYA	ZIMUNYA	0.2	0.26	100.0	0.0	0.0
RUSHINGA	CHIMHANDA	3.46	2.779	80.1	0.0	23.6
MVURWI	PEMBI	2.02	2.041	100.6	0.6	12.8
CENTENARY	BUMURURU	2.34	2.042	87.1	0.0	0.0
AVOCA	SIWAZE	2.32	2.467	106.1	3.1	65.3
CONCESSION	JUMBO	20.95	20.487	97.8	0.1	27.5
MAHUSEKWA	MAHUSEKWA	2.99	3.036	101.5	0.0	7.7
MVUMA	NYAMAFUFU	9.11	9.136	100.3	0.0	19.5

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).

THE RESEARCH AND DATA MANAGER

13/3/2014 9:41:21 AM

ZIMBABWE NATIONAL WATER AUTHORITY (ZINWA) - RESEARCH AND DATA

CATCHMENT SUMMARY

AS AT 10/3/2014

Please note that Kariba is not included in Catchment Analysis

CATCHMENT	NET CAPACITY (10 ^6 m^3)	PRESENT CAPACITY (10 ^6 m^3)	% FULL	% CHANGE SINCE 3/3/2014	30/9/2013
Gwayi	80.729	80.495	99.7	0.4	55.1
Manyame	1281.43	1280.261	99.9	0.1	12.1
Mazowe	248.586	209.787	84.4	-0.1	15.0
Mzingwane	1082.926	1012.112	93.5	1.3	38.3
Runde	2247.276	1308.317	58.2	2.2	40.3
Sanyati	440.482	437.771	99.4	0.7	37.9
Save	771.769	761.902	98.7	0.5	26.3
TOTALS	6153.198	5090.645	82.7	1.16	31.30