



Zimbabwe National Water Authority

State of Major Dams Report

As At 17/3/2014



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	
									10/3/2014	30/9/2013
Gwayi										
	EXCHANGE	IR	4.932	100	14.506	100	14.506	100.0	0.0	48.2
	MANANDA	IRIN	1.2	100	11.736	100.17	12.276	104.6	2.7	97.6
	KHAMI	IR	1	100	3.256	100	3.256	100.0	0.0	19.2
	MGULULU	WS	0.644	100	1.966	100	1.966	100.0	-0.5	35.0
	TSHONGOKWE	IR	0.078	100	0.491	100.08	0.514	104.7	0.6	95.9
	SHANGANI	MI	3.5	94.82	13.388	94.98	13.89	103.7	-0.9	49.3
	NGWENYA	IR	0.45	100	2.541	100	2.541	100.0	0.0	51.9
	MOZA	IR	1.282	100	3.213	100.3	3.573	111.2	0.0	62.7
	POLLARDS	IR	1.282	100	3.22	99.99	3.216	99.9	0.5	37.6
	TSHANGWA	IR		100	2.52	100.04	2.548	101.1	-0.9	36.0
	INSUKAMINI	IR	2.19	100	7.792	100.15	8.099	103.9	0.3	69.4
	UPPER MGUSA	IR	0.26	100	3.134	99.4	2.581	82.4	-1.4	69.0
	LUNGWALA	IR	1.72	100	9.647	99.72	9.182	95.2	-2.4	42.5
	KALOPE	IR	0.432	100	1.802	100.02	1.815	100.7	-0.7	61.1
	LOWER MGUSA	IR		101	1.517	101.02	1.524	100.5	-0.6	29.5
Manyame										
	BUMURURU	IRWS	1.011	100	2.345	99.21	2.042	87.1	0.0	0.0
	HARAVA	WSIR	3.38	100	9.026	100.01	9.026	100.0	0.0	46.7
	MAZVIKADEI	IRMI	99.7	100	343.815	100.17	347.818	101.2	-0.2	9.2
	BHIRI-MANYAME	IR	75	100	172.485	99.64	166.201	96.4	0.8	8.3
	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
	CHIVERO	IRWS	89.3	100	247.181	100.16	251.444	101.7	0.6	15.0
	MANYAME	WSIR	107.22	100	480.236	100.2	496.479	103.4	2.9	16.8
	BLOCKLEY	IRWS	3.26	99.5	4.868	97.46	3.248	66.7	0.3	9.9
	PEMBI	IRWS	1.25	100	2.029	100.03	2.047	100.9	0.3	13.1

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	
									10/3/2014	30/9/2013
	SEKE	WS	1.92	100	3.38	99.52	2.88	85.2	0.7	52.8
Mazowe										
	ARCADIA	IR	40	100	55.293	100.06	55.681	100.7	-0.4	16.0
	NYAMBUYA	IRWS	0.4	100	2.102	100	2.102	100.0	0.0	11.6
	NEGOMO	IR		100	4.968	100	4.968	100.0	-0.5	14.3
	NYAMAROPA	IR	0.753	100	1.622	98.8	1.319	81.3	0.0	0.0
	NYANGOMBE	WS	0.43	100	1	100	0.95	95.0	0.0	0.0
	JUMBO	IRMI	7.5	100	20.951	99.79	20.41	97.4	-0.4	27.2
	MASEMBURA	IR	14.68	100	25.775	99.71	25.079	97.3	-0.8	6.7
	WILLIAM LAURIE	IR	6.5	100	16.874	94.81	7.846	46.5	0.3	10.9
	NYAMAPUNGA	IR	0.254	100	1	99.95	0.95	95.0	0.0	0.0
	NYAKAMBIRI	IRWS	0.396	100	0.664	100	0.664	100.0	0.0	41.9
	KUSHINGA PHIKELELA	IRWS	4.13	100	7.721	100.03	7.759	100.5	-0.2	30.0
	KUDZWE	WS	0.733	100	2.077	99.96	2.051	98.7	0.0	0.0
	CHESA	WS		100	1.15	100	1.15	100.0	-0.6	28.1
	NYADIRE	WS	3.3	100	1.067	99.9	1.016	95.2	0.0	0.0
	MAZOWE	IR	18.3	100	39.357	91.98	11.287	28.7	0.0	9.7
	NYAWA	IRWS	1.13	100	2.734	100.08	2.773	101.4	0.2	2.6
	CHITISA	WS	0.67	100	1.524	97.56	0.746	49.0	0.0	0.0
	KOTWA	WS		100	0.733	99	0.435	59.3	-1.6	44.5
	RUFARO	IRWSI	2.3	100	4.84	99.99	4.832	99.8	-0.5	17.3
	MUFURUDZI	IR	9	100	9.619	100.09	9.788	101.8	-0.8	17.1
	CHIWAKE	WS		100	2.036	100	2.036	100.0	0.0	14.5
	MWARAZI	MIWS	4.92	100	5.893	100.08	5.963	101.2	-0.6	1.3
	MWENJE (NOAKES - STAGE II)	IRWSI	27.082	100	36.117	100.08	36.466	101.0	-0.2	18.6
	CHIMHANDA	IRWS	2.2	100	3.469	99	2.779	80.1	0.0	23.6
Mzingwane										
	BEIT BRIDGE 1	WS	1.705	100	1.368	99.61	1.249	91.3	-0.2	35.5
	BULILIMA	IRWS	0.138	100	1.333	98.06	0.588	44.1	0.0	0.0
	BIRI	IR	1.905	100	2.286	98.92	1.603	70.1	1.5	54.9
	INYANKUNI	WS	9.1	100	74.52	86.41	15.635	21.0	0.3	20.9
	BEIT BRIDGE 2	WS	6.16	100	5.315	94.71	1.381	26.0	0.2	-8.8
	ANTELOPE	IRWS	6.025	100	12.525	100.09	12.796	102.2	-7.2	38.0
	INSIZA	WSIR	39.8	100	173.491	100.47	183.05	105.5	0.1	55.7

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	
									10/3/2014	30/9/2013
	INGWESI	IRWS	7.44	100	67.183	100.01	67.266	100.1	-1.2	44.5
	CHIMWE	IR	1.4	100	6.416	100.04	6.459	100.7	-0.5	12.0
	ZHOVHE	IR	45	100	130.46	100.08	132.255	101.4	-4.0	17.7
	SIWAZE	IRWS	0.576	100	2.325	100.18	2.453	105.5	-0.6	64.7
	MUNDI MATAGA	IR		100	38.827	100.1	39.402	101.5	0.0	15.1
	NGWANE	WS	1.35	100	1.1	100.04	1.115	101.4	-1.4	55.0
	MZINGWANE	IRWS	13	100	42.179	96.89	30.309	71.9	-0.2	48.9
	SHASHANI	IRWS	9	100	27.338	100	27.338	100.0	0.0	31.2
	SILALABUHWA	IRWS	10.743	100	23.22	100.02	23.299	100.3	-1.5	67.0
	MTSHABEZI	IRWS	11.35	100	51.996	100.05	52.185	100.4	-0.2	5.5
	MPOPOMA	IR	0.06	100	2.159	98.8	1.65	76.4	0.0	0.0
	MHLANGWA	WSIR	1.436	100	4.239	100.11	4.327	102.1	0.0	67.6
	LOWER MUJENI	IRWS	7.04	102.4	10.126	102.74	10.864	107.3	0.0	36.8
	SUKWE	IR	0.36	100	1.7	99.9	1.24	72.9	0.0	0.0
	MANGWE	WS		100	8.713	100.03	8.76	100.5	0.4	27.8
	LOWER NCEMA	WS	8.688	100	14.876	98.93	13.332	89.6	6.3	63.6
	VALLEY	IR	0.103	100	5.427	100.15	5.617	103.5	0.2	29.1
	UPPER NCEMA	WS	24.6	100	43.574	96.84	28.964	66.5	-2.8	65.7
	MASHOLOMOSHE	IR	0.67	100	1.068	99.2	1.02	95.5	0.0	0.0
	UPPER INSIZA	IR	4	100	7.818	100	7.818	100.0	-0.3	94.3
	TULI MAKWE	IRMI	1.62	100	6.122	100.06	6.21	101.4	-3.7	40.5
	MANYUCHI	IR	104	100	309.066	100.29	318.728	103.1	1.3	40.6
	MBEMBESWANE	IRWS	0.09	100	1.6	99.99	1.595	99.7	0.0	0.0
Runde										
	BANGA	IR	0.6	100	0.902	93.04	0.018	2.0	0.0	0.0
	BANGALA	IR	130	100	126.588	100.28	129.77	102.5	-0.7	96.4
	AMAPONGOKWE	IRWS	5.93	100	37.587	98.67	30.947	82.3	-0.1	41.1
	TUGWANE	IR	2.06	100	3.055	99.9	2.449	80.2	0.0	0.0
	SHURUGWI	IRIN	1.09	100	2.116	100.01	2.121	100.2	-0.6	88.0
	NYATARE	IR	1.929	100	2.597	99.91	2.529	97.4	0.0	0.0
	TOKWANE	IR	6.5	100	14.467	100.46	15.631	108.0	0.7	107.7
	WOODLANDS	MI	1.606	100	2.454	99.86	2.335	95.2	0.0	0.0
	NYAJENA	IR	4.9	100	4.667	100.18	5.038	107.9	-1.3	35.7
	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

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	
									10/3/2014	30/9/2013
	NGEZI	WSIR	33.29	100	72.32	100.09	72.823	100.7	-1.2	38.7
	CHIVAKE	IR	2.115	100	4.639	98.57	3.183	68.6	0.0	-9.4
	MUZHWI	IRMI	60	100	106.961	100.41	111.483	104.2	0.2	92.9
	MUTIRIKWI	WSIR	383.958	101	1378.082	89.36	533.406	38.7	3.0	26.8
	MUTERI	IR	33.344	100	74.214	96.42	45.661	61.5	0.0	0.0
	MUSHANDIKE	IR	9.2	100	37.252	95.91	22.254	59.7	9.6	58.9
	MHENDE	IR	1	100	3.642	96.67	1.616	44.4	0.0	0.0
	GONYE	WS	1.1	100	2	99.95	1.88	94.0	0.0	0.0
	MBINDANGOMBE	IR	6.044	100	22.583	100.05	22.741	100.7	0.0	81.2
	MANJIRENJI	IR	105	100	274.179	100.21	278.458	101.6	-0.1	84.3
	MAGUDU	IR	0.682	100	5.845	99.93	5.756	98.5	0.0	0.0
	MABWEMATEMA	IR	0.141	100	2.798	99.95	2.767	98.9	0.0	0.0
	MABVUTE	IR	1.616	100	3.219	98.02	2.023	62.8	0.0	0.0
	GWENORO	IRWS	26.205	100	29.554	99.14	26.002	88.0	0.3	78.2
	CHEDOZVO	WS	0.56	100	2.865	99.94	2.805	97.9	0.0	0.0
	JIRI	IR	8.98	100	20	100	20	100.0	0.0	0.0
	MUSAWEREMA	IR		100	7.316	98.55	4.216	57.6	0.0	0.0
	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
Sanyati										
	CLIFTON	IRWS	5.1	100	10.807	97.78	6.846	63.3	2.5	6.2
	CLAW (STAGE II)	IRWS	25.4	105.7	65.455	105.69	65.338	99.8	0.0	24.5
	MUPFURE WEIRS	WS		0	3.835	0	3.75	97.8	0.0	0.0
	CHIKOMBA	IRWS	2	100	5.461	100	5.461	100.0	-0.3	52.5
	MAMINA	IR	9.33	100	11.361	100	11.361	100.0	-0.9	24.6
	CHIBERO	WSIR	2.3	100	3.12	100.29	3.342	107.1	0.0	70.9
	DZIVA	IRWS	0.3	100	2.877	100.45	3.277	113.9	7.2	46.1
	NGONDOMA	IR	4.77	100	7.487	101.05	9.894	132.1	32.4	88.2
	NGESI	IRWS	14.818	100	22.686	100.1	23.245	102.5	1.2	62.7
	SEBAKWE (STAGE II)	WSIR	95.93	100	265.733	100.06	267.133	100.5	-0.8	40.4
	PADRE'S POOL	WSIR		100	2.987	100.03	3.005	100.6	0.0	46.8
	KARIBA	HY		100	64800	95.91	42680.9	65.9	0.6	-4.8
	CACTUS POORT	INWS	2	100	3.009	100	3.009	100.0	0.0	18.2
	SURI SURI	IR	2.89	100	9.971	98.57	6.99	70.1	-0.2	61.8
	NYAMAFUFU	WS	1.42	100	9.113	100.01	9.136	100.3	0.0	19.5

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	
									10/3/2014	30/9/2013
	SOMALALA	IR	0.58	100	1.7	99.9	1.29	75.9	0.0	0.0
	MAHUSEKWA	IR	2.458	100	2.992	100.07	3.036	101.5	0.0	7.7
	WHITEWATERS	WS	1.181	100	4.895	100.03	4.94	100.9	0.0	35.0
	LOWER ZIVAGWE	IRWS	0.9	100	6.993	100.23	7.493	107.2	-2.3	21.4
SAVE										
	MATEZVA	M,IRR	1.327	100	12.057	100	12.057	100.0	0.0	55.7
	NYAHANGARE	IR	0.12	100	0.275	99.94	0.268	97.5	0.0	0.0
	ODZANI	WS	10.2	100	6.422	100.11	6.504	101.3	0.1	28.0
	CHAKO	IR	0.243	100	0.295	100.36	0.317	107.5	0.0	3.4
	WENIMBI	IR		100	21.932	100.07	22.157	101.0	-0.3	6.3
	OSBORNE	IR	162.5	100	401.646	100.32	409.934	102.1	0.1	1.6
	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
	RUSAPE	WSIR	47.2	100	66.964	100.2	68.13	101.7	-0.6	22.9
	RUTI	IR	77.7	101.6	152.308	100.46	133.454	87.6	-0.5	68.1
	MUNJANGANJA	IR	0.584	100	1.969	100.01	1.976	100.4	-0.3	41.5
	SIYA	IR	78.21	100	105.455	98.68	95.113	90.2	3.0	64.9
	MHAKWE	IR	0.291	100	0.524	100	0.524	100.0	0.0	58.4
	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
	BANGAZAAN	WS	2.58	100	2.825	99.09	2.48	87.8	3.5	36.6
	CHINYAMATUMWA	IR	0.6	100	2.319	100.01	2.324	100.2	0.0	16.8
	SMALL BRIDGE	WS	15.86	100	14.785	100.13	15.013	101.5	0.2	28.7

APPENDIX 2
URBAN SUPPLY SUMMARY
As At 17/3/2014

CITY / TOWN	DAMS	Net Capacity (10 ⁶ M ³)	Present Capacity (10 ⁶ M ³)	Percent Full	% CHANGE SINCE	
					10/3/2014	30/9/2013
HARARE	MANYAME, CHIVERO, SEKE, HARAVA	739.823	759.829	102.7	2.1	16.7
BULAWAYO	INSIZA, INYANKUNI, NCEMA DAMS, MZINGWANE	348.64	271.29	77.8	0.0	49.1
MUTARE	ODZANI, SMALL BRIDGE	21.207	21.517	101.5	0.2	28.5
GWERU	WHITEWATERS, AMAPONGOKWE, GWENORO	72.036	61.889	85.9	0.0	55.9
KADOMA	CLAW (STAGE II)	65.455	65.338	99.8	0.0	24.5
KWEKWE	LOWER ZIVAGWE, SEBAKWE (STAGE II)	272.726	274.626	100.7	-0.8	39.9
CHEGUTU	MUPFURE, CLIFTON, DZIVA + WEIRS	17.519	13.873	79.2	2.7	11.4
GWANDA	LOWER MUJENI	10.126	10.864	107.3	0.0	36.8
PLUMTREE	MHLANGWA, MANGWE, BULILIMA	14.285	13.675	95.7	0.2	37.0
BEIT BRIDGE	BEIT BRIDGE O/R DAMS	6.683	2.63	39.4	0.1	0.3
FIGTREE	MGULULU	1.966	1.966	100.0	-0.5	35.0
MARONDERA	RUFARO, NYAMBUYA, NYAKAMBIRI	7.606	7.598	99.9	-0.3	17.9
RUSAPE	RUSAPE	66.964	68.13	101.7	-0.6	22.9
KAROI	BLOCKLEY, KAROI	6.22	4.663	75.0	0.2	14.5
BINDURA/SHAMVA	MWENJE (NOAKES - STAGE II)	36.117	36.466	101.0	-0.2	18.6
CHIVHU	CHIKOMBA	5.461	5.461	100.0	-0.3	52.5
CHIPINGE	BANGAZAAN	2.825	2.48	87.8	3.5	36.6
MASVINGO	MUTIRIKWI	1378.082	533.406	38.7	3.0	26.8
KARIBA	KARIBA	64800	42680.9	65.9	0.6	-4.8
SHURUGWI	SHURUGWI	2.116	2.121	100.2	-0.6	88.0

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).

APPENDIX 2
URBAN SUPPLY SUMMARY

As At 17/3/2014

CITY / TOWN	DAMS	Net Capacity (10 ⁶ M ³)	Present Capacity (10 ⁶ M ³)	Percent Full	% CHANGE SINCE	
					10/3/2014	30/9/2013
LOWVELD DAMS	MUTERI, RUSAPE, RUTI, SIYA, MANJIRENJI, BANGALA, MUZHWI, TOKWANE, OSBORNE, MUTIRIKWI	2700.864	1821.04	67.4	1.6	38.2
BUHERA	NERUTANGA	1.775	1.714	96.6	0.0	0.0
ZVISHAVANE	NGEZI	72.32	72.823	100.7	-1.2	38.7
BIKITA	ROSWA	2.819	2.853	101.2	0.0	31.8
MUPANDAWANA/GUTU	WODLANDS, TURRAMURA	2.778	2.568	92.4	0.0	0.0
MASHAVA	MUZHWI	106.961	111.483	104.2	0.2	92.9
ZAKA	NYATARE	2.597	2.529	97.4	0.0	0.0
KEZI	NGWANE	1.1	1.115	101.4	-1.4	55.0
CHIRUMANZU	HAMA	1.725	1.203	69.7	0.0	0.0
MAPHISA	ANTELOPE	12.525	12.796	102.2	-7.2	38.0
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	1.3	40.6
SARAHURO	CHEDOZVO	2.865	2.805	97.9	0.0	0.0
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	2.047	100.9	0.3	13.1
CENTENARY	BUMURURU	2.345	2.042	87.1	0.0	0.0
AVOCA	SIWAZE	2.325	2.453	105.5	-0.6	64.7

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).

APPENDIX 2
URBAN SUPPLY SUMMARY
As At 17/3/2014

CITY / TOWN	DAMS	Net Capacity (10 ⁶ M ³)	Present Capacity (10 ⁶ M ³)	Percent Full	% CHANGE SINCE	
					10/3/2014	30/9/2013
CONCESSION	JUMBO	20.951	20.41	97.4	-0.4	27.2
MAHUSEKWA	MAHUSEKWA	2.992	3.036	101.5	0.0	7.7
MVUMA	NYAMAFUFU	9.113	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).

ZIMBABWE NATIONAL WATER AUTHORITY (ZINWA) - RESEARCH AND DATA

CATCHMENT SUMMARY

AS AT 17/3/2014

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})		10/3/2014	30/9/2013
Gwayi	80.729	81.487	100.9	-0.1	56.4
Manyame	1281.43	1296.402	101.2	1.3	13.3
Mazowe	248.586	209.05	84.1	-0.3	14.7
Mzingwane	1078.37	1008.508	93.5	-0.3	38.2
Runde	2247.276	1351.254	60.1	1.9	42.2
Sanyati	440.482	438.546	99.6	0.2	38.0
Save	796.142	776.59	97.5	0.3	26.6
TOTALS	6173.015	5161.837	83.6	0.94	32.26

Attention: Mrs. A. Kachingwe.