



Department of Water and Sanitation

State of the Reservoirs: Supplementary Report on 2022-01-14

ABBREVIATIONS:

FSC Nett Full Supply Capacity
 # Latest available data
 * Water available to RSA from Lesotho.
 ~ Balancing dam (See notes on last page)

&&& Error detected in current survey, reverted back to the original survey.
 (For a historical update of this dam go to verified data at <https://www.dwa.gov.za/Hydrology/hymain.aspx>)

WMA = Water Management areas:	
1	Limpopo
2	Olifants
3	Inkomati-Usuthu
4	Pongola-Mtamvuna
5	Vaal Major
6	Orange
7	Mzimvubu-Tsitsikamma
8	Breede-Gouritz
9	Berg-Olifants
10	Lesotho
11	Swaziland

Prov = Geographical Provinces:	
EC	Eastern Cape
FS	Free State
G	Gauteng
KN	Kwazulu-Natal
L	Lesotho
LP	Limpopo
M	Mpumalanga
NC	Northern Cape
NW	North West
S	Swaziland
WC	Western Cape Total
Wcw	Western Cape (Winter Rainfall)
WCo	Western Cape (Other Rainfall)

WSS = Water Supply Systems:	
AL	Algoa
AM	Amathole
BF	Bloemfontein
BW	Butterworth
CE	Crocodile East
CT	Cape Town
CW	Crocodile West
IV	IVRS
KP	Klipplaat
LV	Luvuvhu
MH	uMhlathuze
OR	Orange
PK	Polokwane
UM	Umgeni

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ M ³	Water in Dam 10 ⁶ M ³	Last Year %Full	Last Week %Full	202011 4 %Full
A											
A1	A1R001	Ngotwane	Ngotwane	1	NW		19.033	8.867	27.2	46.6	46.6
A2	A2R001	Hartbeespoort	Krokodil	1	NW	CW	185.79	178.68	96.1	96.5	96.2
	A2R002	Bon Accord	Apies	1	G		4.381	4.577	139.2	105.1	104.5
	A2R003	Olifantsnek	Hex	1	NW		13.677	6.111	38.8	44.7	44.7
	A2R004	Rietvlei	Hennops	1	G	CW	12.250	# 12.441	99.9	101.6	# 101.6
	A2R005	Buffelspoort	Sterkstream	1	NW		10.183	10.264	100.4	100.7	100.8
	A2R006	Bospoort	Hex	1	NW	CW	15.799	16.102	102.1	101.9	101.9
	A2R007	Lindleyspoort	Elands	1	NW		14.208	5.563	22.0	38.6	39.2
	A2R008	~Warmbad	Buffelspruit	1	LP		0.549	# 0.557	26.1	101.6	# 101.6
	A2R009	Roodeplaat	Pienaars	1	G	CW	41.158	41.754	104.7	101.1	101.4
	A2R011	Koster	Koster	1	NW		12.417	5.452	48.3	43.9	43.9
	A2R012	Klipvoor	Pienaars	1	NW	CW	40.735	42.184	91.1	103.6	103.6
	A2R013	Swartruggens	Elands	1	NW		0.475	0.484	101.8	102.0	102.0
	A2R014	Vaalkop	Elands	1	NW	CW	51.315	37.107	81.0	72.3	72.3
	A2R015	Rodekopjes	Krokodil	1	NW	CW	96.345	82.783	80.9	88.9	85.9
	A2R018	Middelkraal	Maretlwane	1	NW		0.736	# 0.736	100.0	100.0	# 100.0
A3	A3R001	Marico-Bosveld	Groot-Marico	1	NW		26.932	21.838	38.8	81.1	81.1
	A3R002	Klein Maricopoort	Klein-Marico	1	NW		7.230	2.780	23.8	38.5	38.5
	A3R003	Kromellenboog	Klein-Marico	1	NW		8.652	4.141	22.6	47.9	47.9
	A3R004	Molatedi	Groot-Marico	1	NW		200.78	86.399	13.4	43.0	43.0
	A3R005	Sehujwane	Sehujane	1	NW		3.614	3.594	100.2	99.4	99.4
	A3R006	Madikwe	Tholwane	1	NW		15.938	9.380	55.5	58.9	58.9
	A3R007	Pella	Lethlakane	1	NW		2.111	1.218	35.0	57.7	57.7
A4	A4R001	Mokolo	Mokolo	1	LP		145.77	149.08	40.3	102.6	102.3
A6	A6R001	Doomdraai	Sterk	1	LP		43.764	24.169	7.6	52.4	55.2
	A6R002	Glen Alpine	Mogalakwena	1	LP		18.889	19.309	13.0	103.2	102.2
A7	A7R002	Houtrivier	Hout	1	LP		6.625	6.511	87.3	98.8	98.3
A8	A8R001	Nzhelele	Nzhelele	1	LP		51.234	46.063	69.6	90.3	89.9
	A8R002	Luphephe	Luphephe	1	LP		13.984	13.457	79.0	94.4	96.2
	A8R003	Nwanedzi	Nwanedzi	1	LP		5.144	4.896	46.7	93.1	95.2
	A8R004	&&& Mutshedzi	Mutshedzi	1	LP		2.336	2.374	100.4	100.6	101.6
A9	A9R001	Albasini	Luvuvhu	1	LP	LV	28.199	27.799	69.9	98.2	98.6
	A9R002	Vondo	Mutshindudi	1	LP	LV	30.447	29.663	101.3	97.1	97.4
	A9R004	Nandoni	Levhuvhu	1	LP	LV	166.11	167.64	103.1	# 101.4	100.9
	Subtotal						1296.81	1073.97	64.9	83.1	82.8
B											
B1	B1R001	Witbank	Olifants	2	M		104.02	99.419	90.6	96.1	95.6
	B1R002	Middelburg	Little Olifants	2	M		48.056	44.855	73.8	87.9	93.3
B2	B2R001	Bronkhorstspuit	Bronkhorstspuit	2	G		56.994	# 60.326	90.6	105.8	# 105.8
B3	B3R001	Rust De Winter	Elands	2	LP		28.186	28.682	99.7	102.1	101.8
	B3R002	Loskop	Olifants	2	M		361.51	377.94	91.7	103.2	104.5
	B3R005	Rhenosterkop	Elands	2	M		204.58	25.179	# 0.8	14.2	12.3
B4	B4R001	Tonteldoos	Tonteldoos	2	LP		0.189	0.191	100.5	100.8	100.8
	B4R002	Vlugkraal	Vlugkraal	2	LP		0.443	0.446	57.3	100.6	100.6
	B4R004	Buffelskloof	Waterval	2	M		5.244	5.281	69.1	100.5	100.7
	B4R007	De Hoop	Steelpoort	2	LP		348.70	355.48	90.2	100.7	101.9
B5	B5R002	Flag Boshielo	Olifants	2	LP	PK	185.13	195.97	81.7	109.9	105.9
B6	B6R001	Ohrigstad	Ohrigstad	2	M		13.448	4.136	9.1	31.8	30.8
	B6R003	Blyderivierpoort	Blyde	2	M		54.369	54.166	100.8	100.8	99.6
B7	B7R001	Klaserie	Klaserie	2	LP		5.604	5.628	101.9	100.4	100.4
	B7R003	Tours	Ngwabitsi	2	LP		6.084	6.049	46.5	98.1	99.4
B8	B8R001	Ebenezer	Groot-Letaba	2	LP	PK	69.139	67.110	25.2	97.1	97.1
	B8R002	Hans Merensky	Ramadiepa	2	LP		1.225	1.249	102.5	101.9	101.9
	B8R003	Magoebaskloof	Politsi	2	LP		4.840	4.875	100.9	100.5	100.7
	B8R004	Vergelegen	Politsi Tributary	2	LP		0.254	0.259	101.3	98.7	102.0
	B8R005	Tzaneen	Groot-Letaba	2	LP		114.28	98.664	28.4	84.8	86.3
	B8R006	Dap Naude	Broederstroom	2	LP		1.936	2.042	105.1	104.9	105.5
	B8R007	Middel-Letaba	Middel-Letaba	2	LP		171.93	8.504	0.7	5.1	4.9
	B8R009	Nsami	Nsama	2	LP		21.874	14.287	32.7	66.0	65.3
	B8R011	Modjadji	Molototsi	2	LP		7.196	# 3.952	11.7	# 54.9	# 54.9
	Subtotal						1815.23	1464.69	63.0	80.7	80.7

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ M ³	Water in Dam 10 ⁶ M ³	Last Year %Full	Last Week %Full	2022011 4 %Full
C											
C1	C1R001	Vaal	Vaal	5	FS	IV	2603.45	2659.08	69.1	105.4	102.1
	C1R002	Grootdraai	Vaal	5	M	IV	349.53	359.32	101.3	101.8	102.8
C2	C2R001	Boskop	Mooi	5	NW		21.026	# 21.329	101.3	101.4	# 101.4
	C2R002	Johan Nesper	Skoonspruit	5	NW		5.672	# 5.770	99.5	101.7	# 101.7
	C2R003	Klerkskraal	Mooi	5	NW		7.922	# 8.073	101.7	101.9	# 101.9
	C2R004	Potchefstroom	Mooi	5	NW		2.027	# 2.066	101.9	101.9	# 101.9
	C2R005	Klipdrift	Loop Spruit	5	G		13.301	# 13.734	99.6	103.3	# 103.3
	C2R006	Elandskuil	Swartleegte	5	NW		1.181	# 1.250	61.3	105.8	# 105.8
	C2R007	Rietspruit	Rietspruit	5	NW		7.275	# 7.441	78.6	102.3	# 102.3
	C2R008	Vaalrivier Barrage	Vaal	5	FS		53.616	# 50.103	95.7	93.4	# 93.4
C3	C3R002	Spitskop	Harts	5	NC		57.831	57.049	114.2	97.3	98.6
	C3R006	Taung	Harts	5	NW		61.366	60.897	97.8	98.6	99.2
C4	C4R001	Allemskraal	Sand	5	FS		174.52	181.79	92.5	103.9	104.2
	C4R002	Erfenis	Groot-Vet	5	FS		206.06	212.34	94.3	103.1	103.1
C5	C5R001	Tierpoort	Tierpoort	6	FS		33.995	35.080	58.0	101.6	103.2
	C5R002	Kalkfontein	Riet	6	FS		325.13	325.13	# 16.5	99.9	100.0
	C5R003	Rustfontein	Modder	6	FS	BF	72.109	72.582	26.3	100.7	100.7
	C5R004	Krugersdrift	Modder	6	FS		71.479	76.410	94.7	101.6	106.9
	C5R005	Groothoek	Kgabanyane	6	FS	BF	11.905	11.804	59.2	99.4	99.2
C7	C7R001	Koppies	Renoster	5	FS		42.311	# 47.024	105.1	111.1	# 111.1
C8	C8R002	Metsi-Matso	Metsi-Matsho	5	FS		4.380	# 4.558	102.6	104.0	# 104.0
	C8R003	~Sterkfontein	Nuwejaar Spruit	5	FS	IV	2616.90	2650.57	96.3	101.2	101.3
	C8R004	~Saulspoort	Liebenbergvlei	5	FS		15.675	16.090	105.4	108.1	102.6
	C8R008	Fika-Patso	Namahadi	5	FS		29.411	# 29.411	64.9	100.0	# 100.0
C9	C9R001	~Vaalharts Storage Weir	Vaal	5	NC		50.682	43.530	79.4	88.1	85.9
	C9R002	Bloemhof	Vaal	5	FS	IV	1242.91	1293.43	107.6	103.1	104.1
	C9R003	~Douglas Storage Weir	Vaal	6	NC		16.245	21.730	132.8	133.8	133.8
	Subtotal						8097.91	8267.59	85.4	102.9	102.1
D											
D1	D1R001	Sterkspruit	Sterkspruit	6	EC		9.473	9.625	101.4	102.7	101.6
	D1R002	*Katse	Malibatso	10	L	IV	1519.10	1514.76	53.1	99.2	99.7
	D1R003	Mohale	Sequnyane	10	L	IV	843.53	540.35	# 18.4	63.6	64.1
D2	D2R001	Egmont	Witspruit	6	FS		9.059	9.010	89.0	100.8	99.5
	D2R002	Armenia	Leeu	6	FS		13.218	14.136	# 108.1	101.5	106.9
	D2R004	~Welbedacht	Caledon	6	FS	BF	5.418	5.418	100.0	87.5	100.0
	D2R006	Knellpoort	Rietspruit	6	FS	BF	130.00	124.79	55.3	95.7	96.0
D3	D3R002	Gariep	Orange	6	FS	OR	4903.45	5137.18	105.6	103.8	104.8
	D3R003	Vanderkloof	Orange	6	FS	OR	3092.36	3252.89	84.5	106.0	105.2
D4	D4R003	Disaneng	Molopo	5	NW		14.125	5.434	69.6	38.5	38.5
	D4R004	Setumo	Molopo	5	NW		20.718	11.468	44.4	55.4	55.4
D7	D7R001	~Boegoeberg	Orange	6	NC		20.613	# 33.296	118.1	161.5	# 161.5
	Subtotal						10581.06	10658.36	84.2	100.4	100.7
E											
E1	E1R001	Bulshoek	Olifants	9	WCw		4.809	2.905	55.5	57.3	60.4
	E1R002	Clanwilliam	Olifants	9	WCw		122.48	109.34	68.4	91.0	89.3
E4	E4R001	Karee	Karee	9	NC		0.949	0.092	47.9	9.9	9.7
	Subtotal						128.24	112.34	67.8	89.1	87.6
G											
G1	G1R001	Voëlveli	Voëlveli	9	WCw	CT	158.59	131.30	83.5	88.3	82.8
	G1R002	Wemmershoek	Wemmers	9	WCw	CT	58.710	# 49.172	88.9	83.8	# 83.8
	G1R003	~Misverstand	Berg	9	WCw		5.678	# 5.254	94.3	92.5	# 92.5
	G1R004	Berg River	Berg	9	WCw	CT	127.05	117.84	89.0	93.6	92.8
G4	G4R001	~Steenbras	Steenbras	9	WCw	CT	33.880	# 29.407	83.1	86.8	# 86.8
	G4R002	Eikenhof	Palmiet	8	WCw		28.856	27.108	92.4	95.2	93.9
	G4R007	~Steenbrasdam- Upper	Steenbras	9	WCw	CT	31.811	# 30.544	70.4	96.0	# 96.0
	G4R010	De Bos	Onrus	8	WCw		5.735	5.606	93.3	98.0	97.7
	Subtotal						450.31	396.23	85.6	90.3	88.0

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H											
H1	H1R001	Brandvlei	Brandvlei	8	WCw		286.04	179.67	54.6	64.0	62.8
	H1R002	Stettynskloof	Holsloot	8	WCw		14.747	# 14.123	86.6	# 95.8	# 95.8
	H1R003	Ceres	Koekedou	8	WCw		17.250	16.059	90.1	94.5	93.1
H2	H2R001	Roode Elsberg	Sanddrifskloof	8	WCw		7.727	# 6.769	79.6	87.6	# 87.6
	H2R002	Lakenvallei	Sanddrifskloof	8	WCw		10.443	# 9.558	88.2	91.5	# 91.5
H3	H3R001	Poortjies Kloof	Groot	8	WCw		9.720	# 0.700	# 0.0	7.2	# 7.2
	H3R002	Pietersfontein	Pietersfontein	8	WCw		1.917	# 0.618	# 34.9	# 32.2	# 32.2
H4	H4R002	Keerom	Nuy	8	WCw		9.750	# 4.589	# 51.1	# 47.1	# 47.1
	H4R003	Klipberg	Konings	8	WCw		1.939	1.832	63.7	95.4	94.5
	H4R004	Kwaggaskloof	Kwaggaskloof	8	WCw		169.41	103.66	53.4	62.5	61.2
H6	H6R001	Thee Waters Kloof	Riviersonderend	8	WCw	CT	479.26	444.70	90.9	94.4	92.8
	H6R002	Elandskloof	Elands	8	WCw		10.993	9.451	79.7	88.4	86.0
H7	H7R001	Buffelsjags	Buffelsjags	8	WCo		4.543	4.540	100.0	100.0	99.9
H8	H8R001	Duiwenhoks	Duiwenhoks	8	WCo		6.180	6.179	99.3	100.2	100.0
H9	H9R001	Korentepoort	Korinte	8	WCo		8.092	8.012	100.2	99.6	99.0
	Subtotal						1038.01	810.46	73.3	79.4	78.1
J											
J1	J1R001	Prinsrivier	Prins	8	WCo		2.258	# 2.269	# 6.8	# 100.5	# 100.5
	J1R002	Bellair	Brak	8	WCo		4.241	# 0.202	# 11.0	# 4.8	# 4.8
	J1R003	Floris Kraal	Buffels	8	WCo		48.266	17.116	12.0	35.2	35.5
	J1R004	Miertjies Kraal	Brand	8	WCo		1.434	# 1.427	25.1	99.5	# 99.5
J2	J2R001	Calitzdorp	Nels	8	WCo		4.817	4.682	48.6	98.4	97.2
	J2R002	Leeugamka	Leeu	8	WCo		13.584	11.846	3.7	79.0	87.2
	J2R003	Oukloof	Cordiers	8	WCo		4.190	0.107	0.0	2.6	2.6
	J2R004	Gamka	Gamka	8	WCo		1.733	1.735	51.5	100.7	100.1
	J2R006	Gamkapoort	Gamka	8	WCo		35.717	36.086	0.4	101.3	101.0
	J2R008	Tierkloof	Tributary of Seweweekspoort	8	WCo		0.031	0.031	69.1	100.0	100.0
J3	J3R001	Kammanassie	Kammanassie	8	WCo		34.354	3.086	0.0	9.4	9.0
	J3R002	Stompdrift	Olifants	8	WCo		46.267	14.294	12.2	31.0	30.9
	Subtotal						196.89	92.88	8.29	46.7	47.2
K											
K1	K1R001	Hartebeestkuil	Hartenbos	8	WCo		7.133	0.354	5.1	9.3	5.0
	K1R002	Klipheuwel	Hartenbos	8	WCo		4.450	1.543	61.9	36.5	34.7
K2	K2R001	Ernest Robertson	Grootbrak	8	WCo		0.415	0.396	100.8	93.5	95.4
	K2R002	Wolwedans	Grootbrak	8	WCo		24.626	24.596	63.3	99.6	99.9
K3	K3R002	Garden Route	Swart	8	WCo		9.979	9.979	100.0	100.0	100.0
K6	K6R001	Roodefontein	Piesang	8	WCo		1.990	1.994	98.4	100.3	100.2
K9	K9R001	Kromrivier	Krom	7	EC	AL	35.240	9.775	54.9	27.9	27.7
	K9R002	Impofu	Krom	7	EC	AL	105.76	15.646	17.4	15.1	14.8
	Subtotal						189.59	64.28	36.3	34.3	33.9
L											
L3	L3R001	~Beervlei	Groot	7	EC		88.096	1.595	0.0	1.9	1.8
L8	L8R001	Kouga	Kouga	7	EC	AL	125.91	22.170	8.9	17.7	17.6
	L8R002	Haarlem	Groot	7	WCo		4.603	4.541	33.0	99.4	98.6
L9	L9R001	~Loerie	Loerie Spruit	7	EC	AL	3.026	2.251	72.4	75.7	74.4
	Subtotal						221.63	30.56	6.75	13.9	13.8
M											
M1	M1R001	Groendal	Swartkops	7	EC	AL	11.638	3.323	39.7	28.6	28.6
	Subtotal						11.64	3.323	39.7	28.6	28.6

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N											
N1	N1R001	Nqweba (Van Ryneveldspas)	Sondags	7	EC		44.718	2.341	11.9	5.0	5.2
N2	N2R001	Darlington	Sondags	7	EC		179.84	84.595	36.1	47.1	47.0
	Subtotal						224.56	86.94	31.3	38.7	38.7
P											
P1	P1R003	Nuwejaars	Nuwejaarspruit	7	EC		4.556	0.218	5.3	5.0	4.8
	Subtotal						4.556	0.218	5.31	4.96	4.78
Q											
Q1	Q1R001	~Grassridge	Groot Brak	7	EC		44.487	43.510	54.0	97.7	97.8
Q4	Q4R001	Lake Arthur	Tarka	7	EC		11.292	# 0.001	2.3	0.0	# 0.0
	Q4R002	Kommando drift	Tarka	7	EC		55.870	3.771	5.4	7.3	6.7
Q5	Q5L001	~Elands Drift	Great Fish	7	EC		3.546	2.943	78.7	79.3	83.0
Q8	Q8R001	~De Mist Kraal	Little Fish	7	EC		2.053	1.249	68.3	63.5	60.8
Q9	Q9L001	Glen Melville	Water from Fish river via Eccca tunnel	7	EC		6.229	6.240	99.9	101.5	100.2
	Q9R001	Katrivier	Kat	7	EC		24.839	22.582	48.8	90.9	90.9
	Subtotal						148.32	80.30	33.6	54.3	54.1
R											
R1	R1R001	Sandile	Keiskamma	7	EC		29.656	27.836	49.1	93.9	93.9
	R1R002	Cata	Cata	7	EC		12.080	8.633	45.3	71.5	71.5
	R1R003	Binfield	Tyume	7	EC		36.849	32.960	57.1	89.4	89.4
	R1R004	Mnyameni	uMnyama	7	EC		1.824	1.824	100.0	100.0	100.0
R2	R2L001	Debe	Debe	7	EC		6.331	0.928	12.8	14.7	14.7
	R2R001	Laing	Buffalo	7	EC	AM	18.904	19.171	101.1	101.4	101.4
	R2R002	Rooikrantz	Buffalo	7	EC	AM	4.799	4.822	92.7	100.5	100.5
	R2R003	Bridle Drift	Buffalo	7	EC	AM	97.923	54.717	32.3	55.9	55.9
R3	R3R001	Nahoon	Nahoon	7	EC	AM	19.257	19.826	29.6	103.0	103.0
	Subtotal						227.62	170.72	45.9	75.0	75.0
S											
S1	S1L001	Macubeni	Cacadu	7	EC		3.373	3.373	100.0	100.0	100.0
	S1R001	Xonxa	White Kei	7	EC		115.86	118.22	101.8	101.8	102.0
S2	S2R001	Lubisi	Indwe	7	EC		113.52	91.723	66.5	80.8	80.8
	S2R002	Doornrivier	Doorn	7	EC		17.099	15.701	102.1	91.8	91.8
S3	S3L001	Boesmanskranz	Oxkraal	7	EC	KP	4.818	4.818	34.0	100.0	100.0
	S3R001	Waterdown	Klipplaat	7	EC	KP	37.441	37.572	19.3	100.4	100.4
	S3R002	Bonkolo	Bonkolo	7	EC		6.943	0.000	0.0	0.0	0.0
	S3R003	Oxkraal	Oskraal	7	EC	KP	14.829	7.703	49.3	51.9	51.9
S5	S5R001	Ncora	Tsomo	7	EC		147.28	149.94	103.8	101.8	101.8
	S5R002	Tsojana	Tsojana	7	EC		12.272	12.272	100.0	100.0	100.0
S6	S6R001	Gubu	Gubu	7	EC	AM	8.524	8.118	70.6	95.2	95.2
	S6R002	Wriggleswade	Kubisi	7	EC	AM	91.471	22.325	18.3	24.4	24.4
S7	S7R001	~Gcuwa	Gcuwa	7	EC	BW	0.421	0.421	92.4	100.0	100.0
	S7R002	Xilinx	Xilinx	7	EC	BW	13.823	5.264	10.6	38.1	38.1
	S7R003	Toleni	Toleni	7	EC	BW	0.177	0.163	17.0	92.0	92.0
	Subtotal						587.85	477.61	71.5	81.2	81.2
T											
T2	T2R001	Umtata	Mtata	7	EC		244.67	250.20	101.1	102.3	102.3
	T2R002	Mabeleni	Mhlahlane	7	EC		2.099	2.099	100.0	100.0	100.0
	T2R003	Corana	Corana	7	EC		0.725	0.723	98.9	99.7	99.7
T3	T3R001	Belfort	Mafube	7	EC		0.413	0.399	# 100.0	96.6	96.6
	T3R003	Ntenetyana	Ntenetyana	7	EC		1.615	1.628	105.5	100.9	100.9
	T3R004	Nqadu	Nqadu	7	EC		1.274	1.247	99.9	97.9	97.9
T7	T7R001	Mlanga	Mlanga	7	EC		1.597	0.715	16.6	44.8	44.8
	Subtotal						252.39	257.01	100.6	101.8	101.8

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ M ³	Water in Dam 10 ⁶ M ³	Last Year %Full	Last Week %Full	20220114 %Full
U											
U2	U2R001	Midmar	Mgeni	4	KN	UM	235.42	241.73	100.7	101.1	102.7
	U2R002	Nagle	Mgeni	4	KN	UM	23.236	21.738	93.8	97.5	93.6
	U2R003	Albert-Falls	Mgeni	4	KN	UM	288.14	238.52	34.3	75.2	82.8
	U2R004	Inanda	Mgeni	4	KN	UM	237.40	245.01	100.3	104.9	103.2
U3	U3R001	Hazelmere	Mdloti	4	KN		37.133	20.409	55.4	65.0	55.0
	Subtotal						821.33	767.41	75.0	91.4	93.4
V											
V1	V1R001	Spioenkop	Tugela	4	KN		270.64	278.85	101.0	102.2	103.0
	V1R002	~Driel Barrage	Tugela	4	KN		8.694	7.579	# 93.4	87.2	87.2
	V1R003	~Woodstock	Tugela	4	KN	IV	355.42	341.61	# 83.2	96.1	96.1
V2	V2R001	Craigie Burn	Mnyamvubu	4	KN		22.466	22.695	92.4	101.3	101.0
	V2R002	Mearns	Mooi	4	KN		5.163	5.837	109.0	115.5	113.1
	V2R003	Spring Grove	Mooi	4	KN	UM	139.20	140.00	67.4	94.9	100.6
V3	V3R001	Ntshingwayo	Ngagane	4	KN		194.56	142.22	82.8	66.8	73.1
	V3R003	Zaaihoek	Slang	4	KN	IV	184.26	139.01	# 55.2	# 75.4	75.4
V7	V7R001	Wagendrift	Boesmans	4	KN		55.900	57.703	103.2	104.2	103.2
	Subtotal						1236.30	1135.50	82.3	90.1	91.8
W											
W1	W1R001	Goedertrouw	Mhlatuze	4	KN	MH	301.26	233.65	62.6	76.9	77.6
W2	W2R001	Klipfontein	Wit Mfolozi	4	KN		18.086	18.533	60.5	101.3	102.5
W3	W3R001	Hluhluwe	Hluhluwe	4	KN		25.893	19.541	68.1	76.1	75.5
W4	W4R001	Pongolapoort	Phongolo	4	KN		2395.24	1682.04	42.8	68.4	70.2
	W4R002	Bivane	Bivane	4	KN		114.04	83.124	# 56.4	# 72.9	72.9
W5	W5R001	Jericho	Mpama	3	M	IV	59.273	# 57.334	52.2	96.7	# 96.7
	W5R002	Westoe	Usutu	3	M	IV	60.095	# 52.620	34.1	87.6	# 87.6
	W5R003	Morgenstond	Ngwempisi	3	M	IV	99.988	# 100.28	42.9	100.3	# 100.3
	W5R004	Heyshope	Assegai	3	M	IV	444.94	# 447.87	69.8	100.7	# 100.7
	Subtotal						3518.82	2694.99	48.7	75.3	76.6
X											
X1	X1R001	Nooigedacht	Komati	3	M	IV	78.343	78.191	80.2	95.1	99.8
	X1R003	Vygeboom	Komati	3	M	IV	78.020	79.473	77.4	101.1	101.9
	X1R004	Driekoppies	Lomati	3	M		250.92	255.89	67.4	101.3	102.0
	X1R005	Maguga	Komati	11	S		333.75	# 334.79	36.6	100.3	# 100.3
X2	X2R001	Longmere	Wit	3	M		4.202	3.543	49.4	83.6	84.3
	X2R002	Klipkopjes	Wit	3	M		11.777	11.735	20.5	100.0	99.6
	X2R003	Witklip	Sand	3	M		12.519	14.545	69.8	99.7	116.2
	X2R004	Primkop	Wit	3	M		1.899	1.942	77.8	100.9	102.3
	X2R005	Kwena	Krokodil	3	M	CE	158.65	155.28	28.8	91.5	97.9
X3	X3R001	Da Gama	White Waters	3	M		13.526	13.539	55.9	100.3	100.1
	X3R002	Inyaka	Marite	3	M		123.66	95.905	53.5	79.0	77.6
	Subtotal						1067.27	1044.83	51.4	96.4	97.9

Total Full Supply Capacity of dams 10 ⁶ M ³	Last Year	Last Week	This Week 20220114
	32116.3	32116.3	32116.3

Summary Provinces	Full Supply Capacity 10⁶M³	Water in Storage 10⁶M³	Last Year %Full	Last Week %Full	This Week %Full
EC Eastern Cape	1824.4	1137.2	52.9	62.4	62.3
FS Free State	15657.4	16208.8	90.7	103.8	103.5
G Gauteng	128.1	132.8	98.6	103.6	103.7
KN Kwazulu-Natal	4912.2	3939.8	59.9	78.5	80.2
L Lesotho	2362.6	2055.1	40.7	86.5	87.0
LP Limpopo	1480.1	1284.9	61.8	86.9	86.8
M Mpumalanga	2538.6	2338.4	67.3	91.2	92.1
NC Northern Cape	146.3	155.7	104.3	106.6	106.4
NW North West	867.3	647.4	64.5	75.0	74.6
S Swaziland	333.8	334.8	36.6	100.3	100.3
WCo Western Cape - Other rainfall	268.9	155.0	25.2	57.5	57.6
WCw Western Cape - Winter rainfall	1596.8	1300.2	76.0	83.1	81.4
WC Western Cape - Total	1865.7	1455.2	68.7	79.4	78.0
GRAND TOTAL	32116.3	29690.2	74.5	92.3	92.4

Summary WMA	Full Supply Capacity 10⁶M³	Water in Storage 10⁶M³	Last Year %Full	Last Week %Full	This Week %Full
1 Limpopo	1296.8	1074.0	64.9	83.1	82.8
2 Olifants	1815.2	1464.7	63.0	80.7	80.7
3 Inkomati-Usuthu	1397.8	1368.1	59.5	96.7	97.9
4 Pongola-Mtamvuna	4912.2	3939.8	59.9	78.5	80.2
5 Vaal Major	7601.9	7741.8	88.7	102.7	101.8
6 Orange	8714.5	9129.1	93.1	104.4	104.8
7 Mzimvubu-Tsitsikamma	1819.6	1132.1	52.6	62.3	62.2
8 Breede-Gouritz	1318.1	974.9	63.7	75.0	74.0
9 Berg-Olifants	544.0	475.9	81.0	89.7	87.5
10 Lesotho	2362.6	2055.1	40.7	86.5	87.0
11 Swaziland	333.8	334.8	36.6	100.3	100.3
GRAND TOTAL	32116.3	29690.2	74.5	92.3	92.4

Please note that the above summaries are not representative of all dams within any of the Provinces or Water Management Areas.

The summaries only reflect the storages for those dams listed in the Weekly State of Reservoirs Report.

Summary Water Supply Systems	Full Supply Capacity 10⁶M³	Water in Storage 10⁶M³	Last Year %Full	Last Week %Full	This Week %Full
AL Algoa	281.6	53.2	19.8	19.1	18.9
AM Amathole	240.9	129.0	34.7	53.5	53.5
BF Bloemfontein	219.4	214.6	47.1	97.3	97.8
BW Butterworth	14.4	5.8	13.0	40.6	40.6
CE Crocodile East	158.7	155.3	28.8	91.5	97.9
CT Cape Town	889.3	803.0	88.1	92.3	90.3
CW Crocodile West	443.4	411.1	91.7	93.5	92.7
IV IVRS	10535.8	10313.9	75.0	98.4	97.9
KP Klipplaat	57.1	50.1	28.3	87.7	87.7
LV Luvuvhu	224.8	225.1	98.7	100.4	100.2
MH uMhlathuze	301.3	233.7	62.6	76.9	77.6
OR Orange	7995.8	8390.1	97.4	104.6	104.9
PK Polokwane	254.3	263.1	66.4	106.4	103.5
UM Umgeni	923.4	887.0	74.7	92.9	96.1

Balancing Dams

Unlike a storage dam where the primary purpose is the long term storage of water, a balancing dam is designed to act as a multi-purpose facility. Commonly it would serve as a distribution point from where water is diverted into pipelines, canals or power generating turbines or to serve as a pumping station. In some instances the balancing dam may have no natural catchment of its own. Water is usually fed into the dam from one or more outside sources in such a way that a **balance** is struck between the water entering at one end and being distributed at the other. Depending on the size of the dam, it may happen that the volume of water passing through the dam in the course of a day may exceed the capacity of the dam. The constant in and outflow of water will cause the water level in the dam to fluctuate, and the smaller the balancing dam the larger and more rapid such fluctuations will be.

Dams marked with a ~ in the Weekly Bulletin fall under the above description and water levels at these dams can therefore be expected to vary considerably from week to week.

NOTE:

Beervlei Dam does not qualify as either a balancing dam or a storage dam but belongs to a category of its own. The dam was built as a flood control dam to protect the Gamtoos River Valley from flooding. In order to perform its flood control function the dam is operated at 0 %.