



Department of Water and Sanitation

State of the Reservoirs: Drought Report

on

2017-02-24

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 verify 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
CT	Cape Town
CW	Crocodile West
IV	IVRS
KP	Klipplaat
LV	Luvuvhu
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	20170220 %Full	20170224 %Full
A											
A1	A1R001	Ngotwane	Ngotwane	1	NW		19.033	# 9.398	4.6	# 49.4	# 49.4
A2	A2R001	Hartbeespoort	Krokodil	1	NW	CW	186.44	184.75	97.3	100.9	99.1
	A2R002	Bon Accord	Apies	1	G		4.381	5.088	104.9	116.1	116.1
	A2R003	Olifantsnek	Hex	1	NW		13.677	5.063	32.9	37.0	37.0
	A2R004	Rietvlei	Hennops	1	G	CW	12.250	12.557	# 94.6	# 102.5	102.5
	A2R005	Buffelspoort	Sterkstroom	1	NW		10.183	10.304	72.4	101.2	101.2
	A2R006	Bospoort	Hex	1	NW	CW	15.799	16.874	98.2	106.8	106.8
	A2R007	Lindleyspoort	Elands	1	NW		14.208	12.295	2.6	86.5	86.5
	A2R008	-Warmbad	Buffelspruit	1	LP		0.549	0.142	# 78.2	# 25.9	25.9
	A2R009	Roodeplaat	Pienaars	1	G	CW	41.158	42.316	99.1	102.8	102.8
	A2R011	Koster	Koster	1	NW		12.417	5.930	35.1	47.8	47.8
	A2R012	Klipvoor	Pienaars	1	NW	CW	40.735	44.948	54.8	110.3	110.3
	A2R013	Swartruggens	Elands	1	NW		0.475	0.532	0.7	112.1	112.1
	A2R014	Vaalkop	Elands	1	NW	CW	51.315	60.568	43.6	118.0	118.0
	A2R015	Roodekopjes	Krokodil	1	NW	CW	102.33	84.249	34.1	82.3	82.3
A3	A3R001	Marico-Bosveld	Groot-Marico	1	NW		26.963	29.683	15.7	110.1	110.1
	A3R002	Klein Maricopoort	Klein-Marico	1	NW		7.073	2.682	20.4	37.9	37.9
	A3R003	Kromellenboog	Klein-Marico	1	NW		8.956	9.726	13.2	108.6	108.6
	A3R004	Molatedi	Groot-Marico	1	NW		200.79	108.99	6.6	41.6	54.3
	A3R005	Sehujwane	Sehujane	1	NW		3.614	3.560	77.0	98.5	98.5
	A3R006	Madikwe	Tholwane	1	NW		15.938	16.423	21.2	103.0	103.0
	A3R007	Pella	Lethlakane	1	NW		2.111	2.129	38.9	100.8	100.8
A4	A4R001	Mokolo	Mokolo	1	LP		145.37	121.51	77.6	81.0	83.6
A6	A6R001	Doorndraai	Sterk	1	LP		43.764	27.768	73.0	62.3	63.5
	A6R002	Glen Alpine	Mogalakwena	1	LP		18.889	19.973	10.8	101.2	105.7
A8	A8R001	Nzhelele	Nzhelele	1	LP		51.234	22.253	34.6	41.2	43.4
	A8R002	Luphephe	Luphephe	1	LP		13.984	9.659	12.5	64.4	69.1
	A8R003	Nwanedzi	Nwanedzi	1	LP		5.144	3.983	37.7	76.7	77.4
	A8R004	&&& Mutshedzi	Mutshedzi	1	LP		2.336	2.381	32.1	101.5	101.9
A9	A9R001	Albasini	Luvuvhu	1	LP	LV	28.199	22.086	69.7	77.5	78.3
	A9R002	Vondo	Mutshindudi	1	LP	LV	30.447	31.129	62.7	96.3	102.2
	A9R004	Nandoni	Levhuvhu	1	LP	LV	166.11	157.23	67.6	91.4	94.7
	Subtotal						1295.87	1086.18	53.9	79.7	83.8
B											
B1	B1R001	Witbank	Olifants	2	M		104.02	104.51	53.1	98.5	100.5
	B1R002	Middelburg	Little Olifants	2	M		48.056	24.032	58.7	44.9	50.0
B2	B2R001	Bronkhorstspuit	Bronkhorstspuit	2	G		56.994	43.464	67.4	71.5	76.3
B3	B3R001	Rust De Winter	Elands	2	LP		28.186	19.780	57.1	68.1	70.2
	B3R002	Loskop	Olifants	2	M		361.51	247.71	56.3	63.0	68.5
	B3R005	Rhenosterkop	Elands	2	M		204.58	44.723	26.2	21.5	21.9
B4	B4R001	Tonteldoos	Tonteldoos	2	LP		0.189	0.190	100.1	100.5	100.5
	B4R002	Vlugkraal	Vlugkraal	2	LP		0.443	0.445	68.9	100.3	100.3
	B4R004	Buffelskloof	Waterval	2	M		5.244	5.311	29.2	102.2	101.3
	B4R007	De Hoop	Steelpoort	2	LP		348.70	350.05	92.4	98.7	100.4
B5	B5R002	Flag Boshielo	Olifants	2	LP	PK	185.13	85.898	41.5	44.8	46.4
B6	B6R001	Ohrigstad	Ohrigstad	2	M		13.448	8.440	8.2	52.2	62.8
	B6R003	Blyderivierpoort	Blyde	2	M		54.369	56.097	51.6	103.5	103.2
B7	B7R001	Klaserie	Klaserie	2	LP		5.604	5.788	51.6	108.9	103.3
	B7R003	Tours	Ngwabitsi	2	LP		6.084	4.301	33.1	64.5	70.7
B8	B8R001	Ebenezer	Groot-Letaba	2	LP	PK	69.139	59.512	70.3	82.4	86.1
	B8R002	Hans Merensky	Ramadipepa	2	LP		1.225	1.317	80.6	107.5	107.5
	B8R003	Magoebaskloof	Politsi	2	LP		4.840	4.960	99.7	102.2	102.5
	B8R004	Vergelegen	Politsi Tributary	2	LP		0.254	0.261	99.5	103.6	103.0
	B8R005	Tzaneen	Groot-Letaba	2	LP		156.53	74.418	31.5	42.7	47.5
	B8R006	Dap Naude	Broederstroom	2	LP		1.936	2.063	80.7	106.4	106.5
	B8R007	Middel-Letaba	Middel-Letaba	2	LP		171.93	42.743	26.0	24.4	24.9
	B8R009	Nsami	Nsama	2	LP		21.874	21.874	15.9	100.0	100.0
	Subtotal						1850.29	1207.89	53.2	62.5	65.3

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ m ³	Water in Dam 10 ⁶ m ³	Last Year %Full	20170220 %Full	20170224 %Full
C											
C1	C1R001	Vaal	Vaal	5	FS	IV	2603.45	2303.43	50.1	64.8	88.5
	C1R002	Grootdraai	Vaal	5	M	IV	349.53	356.63	64.8	99.4	102.0
C2	C2R001	Boskop	Mooi	5	NW		21.026	21.063	69.7	97.3	100.2
	C2R002	Johan Nesper	Skoonspruit	5	NW		5.672	# 6.555	0.0	115.6	# 115.6
	C2R003	Klerkskraal	Mooi	5	NW		7.922	8.225	39.5	101.9	103.8
	C2R004	Potchefstroom	Mooi	5	NW		2.027	2.058	47.5	91.1	101.5
	C2R005	Klipdrift	Loop Spruit	5	NW		13.301	13.832	67.8	101.8	104.0
	C2R006	Elandskuil	Swartleegte	5	NW		1.181	0.370	7.8	15.5	31.3
	C2R007	Rietspruit	Rietspruit	5	NW		7.275	7.536	# 4.0	29.6	103.6
C3	C3R002	Spitskop	Harts	5	NC		57.831	63.799	29.6	107.6	110.3
	C3R006	Taung	Harts	5	NW		61.366	63.925	82.3	88.0	104.2
C4	C4R001	Allemanskraal	Sand	5	FS		174.52	85.354	13.7	30.7	48.9
	C4R002	Erfenis	Groot-Vet	5	FS		206.06	164.15	9.2	69.5	79.7
C5	C5R001	Tierpoort	Tierpoort	6	FS		33.995	# 1.868	0.0	5.5	# 5.5
	C5R002	Kalkfontein	Riet	6	FS		325.13	38.082	6.2	6.1	11.7
	C5R003	Rustfontein	Modder	6	FS	BF	71.208	30.170	20.5	41.2	42.4
	C5R004	Krugersdrift	Modder	6	FS		71.479	40.088	7.0	42.9	56.1
	C5R005	Groothoek	Kgabanyane	6	FS	BF	11.905	1.846	0.0	11.4	15.5
C7	C7R001	Koppies	Renoster	5	FS		42.311	47.904	40.1	100.0	113.2
C8	C8R003	~Sterkfontein	Nuwejaar Spruit	5	FS	IV	2616.90	2313.40	88.0	88.1	88.4
	C8R004	~Saulspoort	Liebenbergvlei	5	FS		15.675	15.939	97.2	102.4	101.7
	C8R008	Fika-Patso	Namahadi	5	FS		29.411	12.607	13.3	43.4	42.9
C9	C9R001	~Vaalharts Storage Weir	Vaal	5	NC		50.682	47.554	71.2	88.8	93.8
	C9R002	Bloemhof	Vaal	5	FS	IV	1240.24	922.79	16.9	46.9	74.4
	C9R003	~Douglas Storage Weir	Vaal	6	NC		16.245	18.155	89.8	112.3	111.8
	Subtotal						8036.34	6587.33	53.6	72.7	82.0
D											
D1	D1R001	Sterkspruit	Sterkspruit	6	EC		9.473	# 8.660	89.7	# 91.4	# 91.4
	D1R002	*Katse	Malibatso	10	L	IV	1519.10	795.63	63.8	49.4	52.4
	D1R003	Mohale	Sequnyane	10	L	IV	857.10	500.77	26.7	54.8	58.4
D2	D2R001	Egmont	Witspruit	6	FS		9.059	9.541	23.8	49.6	105.3
	D2R002	Armenia	Leeu	6	FS		12.957	14.266	10.7	68.7	110.1
	D2R004	~Welbedacht	Caledon	6	FS	BF	9.592	10.447	95.3	106.9	108.9
	D2R006	Knellpoort	Rietspruit	6	FS	BF	130.00	56.741	33.1	42.2	43.6
D3	D3R002	Gariep	Orange	6	FS		5196.04	4244.54	52.2	69.8	81.7
	D3R003	Vanderkloof	Orange	6	FS		3171.30	1647.93	59.6	51.7	52.0
D4	D4R003	Disaneng	Molopo	5	NW		14.125	15.378	35.2	108.9	108.9
	D4R004	Setumo	Molopo	5	NW		20.718	21.623	42.7	104.4	104.4
D7	D7R001	~Boegoeburg	Orange	6	NC		19.815	22.920	91.2	107.1	115.7
	Subtotal						10969.28	7348.45	53.8	62.0	67.0
E											
E1	E1R001	Bulshoek	Olifants	9	WCw		4.809	3.362	61.4	71.5	69.9
	E1R002	Clanwilliam	Olifants	9	WCw		122.48	44.512	26.0	38.3	36.3
E4	E4R001	Karee	Karee	9	NC		0.949	# 0.000	19.9	0.0	# 0.0
	Subtotal						128.24	47.87	27.3	39.4	37.3
G											
G1	G1R001	Voëlmei	Voëlmei	9	WCw	CT	158.58	54.497	23.0	36.1	34.4
	G1R002	Wemmershoek	Wemmers	9	WCw	CT	58.710	# 21.527	53.4	36.7	# 36.7
	G1R003	~Misverstand	Berg	9	WCw		6.439	6.241	101.7	96.1	96.9
	G1R004	Berg River	Berg	9	WCw	CT	127.05	# 53.599	35.8	42.2	# 42.2
G4	G4R001	~Steenbras	Steenbras	9	WCw	CT	33.880	# 13.008	44.3	38.4	# 38.4
	G4R002	Eikenhof	Palmiet	8	WCw		28.856	17.153	59.1	61.9	59.4
	G4R007	~Steenbras dam-Upper	Steenbras	9	WCw	CT	31.811	# 18.206	68.8	57.2	# 57.2
	G4R010	De Bos	Onrus	8	WCw		5.735	4.203	73.8	74.2	73.3
	Subtotal						451.06	188.43	39.5	42.9	41.8

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H											
H1	H1R001	Brandvlei	Brandvlei	8	WCw		286.04	# 71.397	27.9	25.0	# 25.0
	H1R002	Stettynskloof	Holsloot	8	WCw		14.747	# 8.308	49.2	56.3	# 56.3
	H1R003	Ceres	Koekedou	8	WCw		17.250	# 11.620	14.0	67.4	# 67.4
H2	H2R001	Roode Elsberg	Sanddrifskloof	8	WCw		7.727	# 3.440	36.6	44.5	# 44.5
	H2R002	Lakenvallei	Sanddrifskloof	8	WCw		10.264	# 9.161	87.9	89.3	# 89.3
H3	H3R001	Poortjies Kloof	Groot	8	WCw		9.720	# 4.930	81.6	# 50.7	# 50.7
	H3R002	Pietersfontein	Pietersfontein	8	WCw		1.984	1.352	87.2	68.7	68.1
H4	H4R002	Keerom	Nuy	8	WCw		9.750	# 4.995	71.5	# 51.2	# 51.2
	H4R003	Klipberg	Konings	8	WCw		1.978	# 0.549	67.0	# 27.7	# 27.7
	H4R004	Kwaggaskloof	Kwaggaskloof	8	WCw		169.41	47.063	30.0	27.5	27.8
H6	H6R001	Thee Waters Kloof	Riviersonderend	8	WCw	CT	479.26	136.82	42.7	28.9	28.5
	H6R002	Elandskloof	Elands	8	WCw		10.993	3.583	40.1	32.7	32.6
H7	H7R001	Buffelsjags	Buffelsjags	8	WCo		4.543	# 4.568	100.8	100.6	# 100.6
H8	H8R001	Duiwenhoks	Duiwenhoks	8	WCo		6.180	# 6.086	100.3	98.5	# 98.5
H9	H9R001	Korentepoort	Korinte	8	WCo		8.092	# 5.454	97.9	67.4	# 67.4
	Subtotal						1037.94	319.33	38.3	31.7	30.8
J											
J1	J1R001	Prinsrivier	Prins	8	WCo		2.258	# 0.000	32.5	# 0.0	# 0.0
	J1R002	Bellair	Brak	8	WCo		4.241	# 2.006	78.7	# 47.3	# 47.3
	J1R003	Floris Kraal	Buffels	8	WCo		48.266	2.953	8.4	6.1	6.1
	J1R004	Miertjies Kraal	Brand	8	WCo		1.517	# 0.029	47.0	# 1.9	# 1.9
J2	J2R001	Calitzdorp	Nels	8	WCo		4.817	# 2.276	88.3	47.3	# 47.3
	J2R002	Leeugamka	Leeu	8	WCo		13.584	# 0.311	20.3	# 2.3	# 2.3
	J2R003	Oukloof	Cordiers	8	WCo		4.190	# 0.335	55.9	8.0	# 8.0
	J2R004	Gamka	Gamka	8	WCo		1.820	0.216	51.6	12.8	11.8
	J2R006	Gamkapoort	Gamka	8	WCo		36.234	# 0.000	17.8	0.0	# 0.0
J3	J3R001	Kammanassie	Kammanassie	8	WCo		34.354	# 2.872	81.9	8.4	# 8.4
	J3R002	Stompdrift	Olifants	8	WCo		46.267	# 3.444	52.0	7.4	# 7.4
	Subtotal						197.55	14.44	39.4	7.17	7.31
K											
K1	K1R001	Hartebeestk uil	Hartenbos	8	WCo		7.133	2.555	71.4	36.4	35.8
	K1R002	Klipheuwel	Hartenbos	8	WCo		4.450	# 3.712	85.4	83.4	# 83.4
K2	K2R001	Ernest Robertson	Grootbrak	8	WCo		0.415	# 0.420	97.0	101.4	# 101.4
	K2R002	Wolwedans	Grootbrak	8	WCo		24.626	23.220	97.1	94.9	94.3
K3	K3R002	Garden Route	Swart	8	WCo		9.979	# 8.087	93.9	81.0	# 81.0
K6	K6R001	Roodefontein	Piesang	8	WCo		1.990	# 1.672	96.6	84.0	# 84.0
K9	K9R001	Kromrivier	Krom	7	EC	AL	35.240	10.538	87.9	31.0	29.9
	K9R002	Impofu	Krom	7	EC	AL	105.76	75.545	94.0	72.0	71.4
	Subtotal						189.59	125.75	92.3	67.0	66.3
L											
L3	L3R001	-Beervlei	Groot	7	EC		85.779	0.004	1.7	0.0	0.0
L8	L8R001	Kouga	Kouga	7	EC	AL	125.91	44.334	83.4	36.0	35.2
	L8R002	Haarlem	Groot	7	WCo		4.603	# 2.075	77.4	45.1	# 45.1
L9	L9R001	-Loerie	Loerie Spruit	7	EC	AL	3.026	1.282	34.3	40.8	42.4
	Subtotal						219.32	47.70	50.6	22.4	21.7
M											
M1	M1R001	Groendal	Swartkops	7	EC	AL	11.638	7.382	91.8	63.7	63.4
	Subtotal						11.64	7.382	91.8	64.3	63.4

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ m ³	Water in Dam 10 ⁶ m ³	Last Year %Full	20170220 %Full	20170224 %Full
N											
N1	N1R001	Nqweba (Van Ryneveldspas)	Sondags	7	EC		44.718	9.941	40.6	22.1	22.2
N2	N2R001	Darlington	Sondags	7	EC		180.83	53.060	16.5	25.3	29.3
	Subtotal						225.55	63.00	21.3	22.3	27.9
Q											
Q1	Q1R001	~Grassridge	Groot Brak	7	EC		46.190	27.818	42.7	62.7	60.2
Q4	Q4R002	Kommando drift	Tarka	7	EC		55.870	27.976	65.2	48.1	50.1
Q5	Q5L001	~Elands Drift	Great Fish	7	EC		3.546	2.542	29.4	99.4	71.7
Q8	Q8R001	~De Mist Kraal	Little Fish	7	EC		2.053	1.966	91.7	85.2	95.7
Q9	Q9L001	Glen Melville	Water from Fish river via Eccatunnel	7	EC		6.229	6.191	92.5	98.6	99.4
	Q9R001	Katrivier	Kat	7	EC		24.682	21.745	93.7	86.9	88.1
	Subtotal						138.57	88.24	63.5	61.9	63.7
R											
R1	R1R001	Sandile	Keiskamma	7	EC		29.656	20.596	84.5	62.1	69.4
	R1R003	Binfield	Tyume	7	EC		36.849	34.480	97.1	93.6	93.6
R2	R2L001	Debe	Debe	7	EC		6.331	4.029	88.0	63.6	63.6
	R2R001	Laing	Buffalo	7	EC	AM	18.904	18.925	97.3	100.5	100.1
	R2R002	Rooikrantz	Buffalo	7	EC	AM	4.799	4.829	97.6	99.8	100.6
	R2R003	Bridle Drift	Buffalo	7	EC	AM	97.923	50.883	87.1	51.5	52.0
R3	R3R001	Nahoon	Nahoon	7	EC	AM	19.247	12.346	69.9	64.5	64.1
	Subtotal						213.71	146.09	88.1	66.2	68.4
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	100.5	106.2	102.0
S2	S2R001	Lubisi	Indwe	7	EC		158.00	72.789	67.0	46.2	46.1
	S2R002	Doornrivier	Doorn	7	EC		17.099	10.119	57.8	57.9	59.2
S3	S3L001	Boesmanskrantz	Oxkraal	7	EC	KP	4.818	1.536	87.9	30.4	31.9
	S3R001	Waterdown	Klipplaat	7	EC	KP	37.441	28.857	89.8	75.2	77.1
	S3R003	Oxkraal	Oskraal	7	EC	KP	14.829	4.405	51.5	27.9	29.7
S5	S5R001	Ncora	Tsomo	7	EC		147.28	118.09	75.0	69.0	80.2
	S5R002	Tsojana	Tsojana	7	EC		12.272	11.770	100.0	93.4	95.9
S6	S6R001	Gubu	Gubu	7	EC	AM	8.504	8.279	95.2	95.7	97.3
	S6R002	Wriggleswade	Kubisi	7	EC	AM	91.471	83.689	98.2	90.2	91.5
S7	S7R001	Gcuwa	Gcuwa	7	EC		0.421	0.421	100.0	100.0	100.0
	S7R002	Xilinx	Xilinx	7	EC		13.823	0.388	27.6	1.7	2.8
	S7R003	Toleni	Toleni	7	EC		0.177	0.044	42.6	24.2	25.1
	Subtotal						625.37	461.98	80.9	70.4	73.9
T											
T2	T2R001	Umtata	Mtata	7	EC		244.67	251.49	100.8	101.4	102.8
	T2R002	Mabeleni	Mhlahlane	7	EC		2.099	2.099	99.8	100.0	100.0
	T2R003	Corana	Corana	7	EC		0.725	0.073	29.9	9.4	10.1
T3	T3R001	Belfort	Mafube	7	EC		0.413	0.413	100.0	100.0	100.0
	T3R003	Ntenetyana	Ntenetyana	7	EC		1.615	1.161	41.9	56.6	71.9
	T3R004	Nqadu	Nqadu	7	EC		1.274	0.257	50.1	20.0	20.2
T7	T7R001	Mlanga	Mlanga	7	EC		1.597	0.000	13.2	0.0	0.0
	Subtotal						252.39	255.49	99.4	99.6	101.2

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ m ³	Water in Dam 10 ⁶ m ³	Last Year %Full	20170220 %Full	20170224 %Full
U											
U2	U2R001	Midmar	Mgeni	4	KN	UM	235.42	158.94	46.4	64.7	67.5
	U2R002	Nagle	Mgeni	4	KN	UM	23.236	20.334	78.3	82.7	87.5
	U2R003	Albert-Falls	Mgeni	4	KN	UM	288.14	84.951	37.3	27.4	29.5
	U2R004	Inanda	Mgeni	4	KN	UM	237.40	150.86	79.3	61.1	63.5
U3	U3R001	Hazelmere	Mdloti	4	KN		17.676	14.252	34.1	68.5	80.6
	Subtotal						801.87	429.34	53.5	51.9	53.5
V											
V1	V1R001	Spioenkop	Tugela	4	KN		270.64	284.99	62.9	77.2	105.3
	V1R002	~Driel Barrage	Tugela	4	KN		8.694	# 8.376	101.6	# 96.3	# 96.3
	V1R003	~Woodstock	Tugela	4	KN	IV	373.25	# 318.99	76.7	# 85.5	# 85.5
V2	V2R001	Craigie Burn	Mnyamvubu	4	KN		22.466	16.577	68.2	65.9	73.8
	V2R002	Mearns	Mooi	4	KN		5.163	6.266	99.5	103.5	121.4
	V2R003	Spring Grove	Mooi	4	KN	UM	139.20	103.67	84.2	68.1	74.5
V3	V3R001	Ntshingwayo	Ngagane	4	KN		194.56	180.80	57.1	72.2	92.9
	V3R003	Zaaihoek	Slang	4	KN	IV	184.63	# 95.731	59.1	51.8	# 51.8
V7	V7R001	Wagendrift	Boesmans	4	KN		55.900	58.598	100.6	103.0	104.8
	Subtotal						1254.50	1074.00	70.1	82.5	85.6
W											
W1	W1R001	Goedertrouw	Mhlatuze	4	KN		301.26	85.457	25.6	27.4	28.4
W2	W2R001	Klipfontein	Wit Mfolozi	4	KN		18.086	8.767	21.4	37.8	48.5
W3	W3R001	Hluhluwe	Hluhluwe	4	KN		25.893	6.936	18.3	25.0	26.8
W4	W4R001	Pongolaport	Phongolo	4	KN		2267.07	860.56	46.9	37.9	38.0
W5	W5R001	Jericho	Mpama	3	M	IV	59.273	44.053	76.2	73.0	74.3
	W5R002	Westoe	Usutu	3	M	IV	60.095	53.357	47.8	75.6	88.8
	W5R003	Morgenstond	Ngwempisi	3	M	IV	99.988	59.675	54.3	58.0	59.7
	W5R004	Heyshope	Assegaai	3	M	IV	444.94	372.36	88.0	81.4	83.7
	Subtotal						3276.61	1491.17	50.9	44.8	45.5
X											
X1	X1R001	Nooigedacht	Komati	3	M	IV	78.343	61.900	64.3	72.1	79.0
	X1R003	Vygeboom	Komati	3	M	IV	78.020	79.560	67.4	101.0	102.0
	X1R004	Driekoppies	Lomati	3	M		250.92	94.434	45.2	35.8	37.6
	X1R005	Maguga	Komati	11	S		333.75	196.29	31.6	54.1	58.8
X2	X2R001	Longmere	Wit	3	M		4.202	3.067	68.3	73.0	73.0
	X2R002	Klipkopjes	Wit	3	M		11.777	# 5.517	45.8	46.8	# 46.8
	X2R003	Witklip	Sand	3	M		12.519	10.878	41.8	76.8	86.9
	X2R004	Primkop	Wit	3	M		1.899	1.928	14.3	101.7	101.6
	X2R005	Kwena	Krokodil	3	M		158.89	84.207	50.3	48.9	53.0
X3	X3R001	Da Gama	White Waters	3	M		13.526	9.667	58.0	65.1	71.5
	X3R002	Inyaka	Marite	3	M		123.66	98.910	65.0	76.1	80.0
	Subtotal						1067.51	646.36	47.2	55.3	60.5

Total Full Supply Capacity of dams 10 ⁶ m ³	Previous Reading	Current Reading
	Last Year	20170220
	32246.7	32243.2
		20170224
		32243.2

Summary Provinces	Full Supply Capacity	Water in Storage	Last Year	20170220	20170224
	10 ⁶ m ³	10 ⁶ m ³	%Full	%Full	%Full
EC Eastern Cape	1832.4	1162.5	73.1	61.1	63.4
FS Free State	15971.2	11961.1	53.7	67.2	74.9
G Gauteng	114.8	103.4	83.2	86.9	90.1
KN Kwazulu-Natal	4668.7	2465.1	52.4	51.5	52.8
L Lesotho	2376.2	1296.4	49.8	52.7	54.6
LP Limpopo	1508.1	1091.7	59.3	69.2	72.4
M Mpumalanga	2538.8	1827.0	59.7	69.1	72.0
NC Northern Cape	145.5	152.4	57.0	101.8	104.7
NW North West	886.7	768.7	44.4	81.6	86.7
S Swaziland	333.8	196.3	31.6	51.9	58.8
WCo Western Cape - Other rainfall	269.6	72.3	54.0	26.7	26.8
WCw Western Cape - Winter rainfall	1597.5	539.5	37.7	34.9	33.8
WC Western Cape - Total	1867.1	611.8	40.1	33.7	32.8
GRAND TOTAL	32243.2	21636.4	54.0	62.3	67.1

Summary WMA	Full Supply Capacity	Water in Storage	Last Year	20170220	20170224
	10 ⁶ m ³	10 ⁶ m ³	%Full	%Full	%Full
1 Limpopo	1295.9	1086.2	54.0	79.7	83.8
2 Olifants	1850.3	1207.9	53.3	62.5	65.3
3 Inkomati-Usuthu	1398.1	979.5	65.8	66.5	70.1
4 Pongola-Mtamvuna	4668.7	2465.1	52.6	51.5	52.8
5 Vaal Major	7541.2	6494.1	56.6	76.5	86.1
6 Orange	9088.2	6145.3	51.9	61.9	67.6
7 Mzimvubu-Tsitsikamma	1827.5	1156.0	73.1	60.9	63.3
8 Breede-Gouritz	1318.7	394.8	41.0	30.7	29.9
9 Berg-Olifants	544.7	215.0	35.1	40.7	39.5
10 Lesotho	2376.2	1296.4	49.9	52.7	54.6
11 Swaziland	333.8	196.3	31.6	51.9	58.8
GRAND TOTAL	32243.2	21636.4	54.0	62.3	67.1

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	Water in Storage	Last Year	20170220	20170224
	10 ⁶ m ³	10 ⁶ m ³	%Full	%Full	%Full
AL Algoa	281.6	139.1	87.8	50.3	49.4
AM Amathole	240.8	179.0	91.3	73.3	74.3
BF Bloemfontein	222.7	99.2	30.0	43.7	44.5
CT Cape Town	889.3	297.7	39.9	34.4	33.5
CW Crocodile West	450.0	446.3	73.1	99.3	99.2
IV IVRS	10564.9	8278.3	59.2	71.7	78.4
KP Klipplaat	57.1	34.8	79.7	58.5	61.0
LV Luvuvhu	224.8	210.4	67.2	88.4	93.6
PK Polokwane	254.3	145.4	49.4	53.6	57.2
UM Umgeni	923.4	518.8	58.5	54.1	56.2

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 %.