



# Department of Water and Sanitation

## Weekly State of the Reservoirs on

2018-11-05

### 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
CT	Cape Town
CW	Crocodile West
IV	IVRS
KP	Klipplaat
LV	Luvuvhu
PK	Polokwane
UM	Umgenti

This document is also available on the internet at:

<https://www.dwa.gov.za/Hydrology/Weekly/Weekly.pdf>

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Year %Full	Last Week %Full	2018-11-05 %Full
<b>A</b>											
A1	A1R001	Ngotwane	Ngotwane	1	NW		19.033	10.256	74.3	55.5	53.9
A2	A2R001	Hartbeespoort	Krokodil	1	NW	CW	186.44	164.63	93.8	88.5	88.3
	A2R002	Bon Accord	Apies	1	G		4.381	4.603	101.1	104.2	105.1
	A2R003	Olifantsnek	Hex	1	NW		13.677	4.233	56.1	# 31.9	31.0
	A2R004	Rietvlei	Hennops	1	G	CW	12.250	12.175	89.6	99.4	99.4
	A2R005	Buffelspoort	Sterkstroom	1	NW		10.183	9.429	96.1	94.1	92.6
	A2R006	Bospoort	Hex	1	NW	CW	15.799	13.315	100.4	87.3	84.3
	A2R007	Lindleyspoort	Elands	1	NW		14.208	2.390	69.2	18.2	16.8
	A2R008	-Warmbad	Buffelspruit	1	LP		0.549	0.287	64.2	60.9	52.4
	A2R009	Roodeplaat	Pienaars	1	G	CW	41.158	41.000	99.3	100.0	99.6
	A2R011	Koster	Koster	1	NW		12.417	7.266	88.2	59.4	58.5
	A2R012	Klipvoor	Pienaars	1	NW	CW	40.735	29.623	84.8	74.5	72.7
	A2R013	Swartruggens	Elands	1	NW		0.475	0.070	99.2	17.5	14.8
	A2R014	Vaalkop	Elands	1	NW	CW	51.315	15.169	57.7	28.9	29.6
	A2R015	Rodekopjes	Krokodil	1	NW	CW	96.345	58.786	77.5	62.1	61.0
	A2R018	Middelkraal	Maretlwane	1	NW		0.736	0.398	65.3	72.9	54.1
A3	A3R001	Marico-Bosveld	Groot-Marico	1	NW		26.963	7.836	78.9	29.4	29.1
	A3R002	Klein Maricopoort	Klein-Marico	1	NW		7.073	1.678	56.4	25.1	23.7
	A3R003	Kromellenboog	Klein-Marico	1	NW		8.956	# 0.222	49.5	2.5	# 2.5
	A3R004	Molatedi	Groot-Marico	1	NW		200.79	53.086	47.4	27.1	26.4
	A3R005	Sehujwane	Sehujane	1	NW		3.614	2.434	66.8	69.9	67.4
	A3R006	Madikwe	Tholwane	1	NW		15.938	5.213	73.5	40.1	32.7
	A3R007	Pella	Lethlakane	1	NW		2.111	0.815	59.9	39.0	38.6
A4	A4R001	Mokolo	Mokolo	1	LP		145.77	107.87	86.5	74.5	74.0
A6	A6R001	Doorndraai	Sterk	1	LP		43.764	12.103	51.2	28.3	27.7
	A6R002	Glen Alpine	Mogalakwena	1	LP		18.889	1.460	49.8	8.2	7.7
A7	A7R002	Houtrivier	Hout	1	LP		6.625	2.312	41.5	34.3	34.9
A8	A8R001	Nzhelele	Nzhelele	1	LP		51.234	31.886	50.1	63.4	62.2
	A8R002	Luphephe	Luphephe	1	LP		13.984	9.477	60.8	69.5	67.8
	A8R003	Nwanedzi	Nwanedzi	1	LP		5.144	3.452	75.4	68.4	67.1
	A8R004	&&& Mutshedzi	Mutshedzi	1	LP		2.336	2.084	87.6	91.3	89.2
A9	A9R001	Albasini	Luvuvhu	1	LP	LV	28.199	22.116	78.3	79.0	78.4
	A9R002	Vondo	Mutshindudi	1	LP	LV	30.447	27.144	88.6	89.9	89.2
	A9R004	Nandoni	Levhuvhu	1	LP	LV	166.11	156.60	97.2	94.9	94.3
	<b>Subtotal</b>						<b>1297.65</b>	<b>821.42</b>	<b>76.4</b>	<b>64.1</b>	<b>63.3</b>
<b>B</b>											
B1	B1R001	Witbank	Olifants	2	M		104.02	96.327	97.8	93.4	92.6
	B1R002	Middelburg	Little Olifants	2	M		48.056	43.891	59.1	91.5	91.3
B2	B2R001	Bronkhorstspuit	Bronkhorstspuit	2	G		56.994	55.539	73.0	97.3	97.4
B3	B3R001	Rust De Winter	Elands	2	LP		28.186	26.081	87.5	93.5	92.5
	B3R002	Loskop	Olifants	2	M		361.51	313.89	90.3	87.6	86.8
	B3R005	Rhenosterkop	Elands	2	M		204.58	6.823	13.8	3.0	3.3
B4	B4R001	Tonteldoos	Tonteldoos	2	LP		0.189	0.145	100.2	90.9	76.6
	B4R002	Vlugkraal	Vlugkraal	2	LP		0.443	0.333	96.3	75.0	75.0
	B4R004	Buffelskloof	Waterval	2	M		5.244	2.393	94.6	48.2	45.6
	B4R007	De Hoop	Steelpoort	2	LP		348.70	288.49	95.4	82.7	82.7
B5	B5R002	Flag Boshielo	Olifants	2	LP	PK	185.13	147.03	37.7	80.1	79.4
B6	B6R001	Ohrigstad	Ohrigstad	2	M		13.448	1.181	53.5	9.2	8.8
	B6R003	Blyderivierpoort	Blyde	2	M		54.369	28.577	73.6	55.1	52.6
B7	B7R001	Klaserie	Klaserie	2	LP		5.604	3.130	85.6	57.9	55.8
	B7R003	Tours	Ngwabitsi	2	LP		6.084	1.745	77.1	29.3	28.7
B8	B8R001	Ebenezer	Groot-Letaba	2	LP	PK	69.139	50.092	92.5	73.2	72.5
	B8R002	Hans Merensky	Ramadiepa	2	LP		1.225	0.987	100.4	80.9	80.6
	B8R003	Magoebaskloof	Politsi	2	LP		4.840	4.835	99.9	99.5	99.9
	B8R004	Vergelegen	Politsi Tributary	2	LP		0.254	0.222	93.6	88.3	87.4
	B8R005	Tzaneen	Groot-Letaba	2	LP		156.53	32.536	44.8	21.7	20.8
	B8R006	Dap Naude	Broederstroom	2	LP		1.936	1.626	83.7	85.8	84.0
	B8R007	Middel-Letaba	Middel-Letaba	2	LP		171.93	13.509	17.5	8.3	7.9
	B8R009	Nsami	Nsama	2	LP		21.874	6.315	60.7	29.9	28.9
	B8R011	Modjadji	Molototsi	2	LP		7.196	0.585	41.4	8.6	8.1
	<b>Subtotal</b>						<b>1857.48</b>	<b>1126.28</b>	<b>64.8</b>	<b>61.1</b>	<b>60.6</b>

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Year %Full	Last Week %Full	2018-11-05 %Full
<b>C</b>											
C1	C1R001	Vaal	Vaal	5	FS	IV	2603.45	2148.28	80.7	83.8	82.5
	C1R002	Grootdraai	Vaal	5	M	IV	349.53	# 278.46	73.7	79.7	# 79.7
C2	C2R001	Boskop	Mooi	5	NW		21.026	18.083	99.8	86.3	86.0
	C2R002	Johan Neser	Skoonspruit	5	NW		5.672	# 0.196	56.4	3.5	# 3.5
	C2R003	Klerkskraal	Mooi	5	NW		7.922	# 6.926	92.4	# 87.4	# 87.4
	C2R004	Potchefstroom	Mooi	5	NW		2.027	1.546	88.5	96.8	76.2
	C2R005	Klipdrift	Loop Spruit	5	G		13.301	# 12.076	86.7	# 90.8	# 90.8
	C2R006	Elandskuil	Swartleege	5	NW		1.181	0.335	59.8	29.6	28.4
	C2R007	Rietspruit	Rietspruit	5	NW		7.275	1.472	66.7	21.5	20.2
	C2R008	Vaalrivier Barrage	Vaal	5	FS		53.616	51.250	***	95.1	95.6
C3	C3R002	Spitskop	Harts	5	NC		57.831	41.841	79.6	75.8	72.4
	C3R006	Taung	Harts	5	NW		61.366	53.546	93.6	87.6	87.3
C4	C4R001	Allemskraal	Sand	5	FS		174.52	74.848	37.1	44.2	42.9
	C4R002	Erfenis	Groot-Vet	5	FS		206.06	147.64	54.1	73.5	71.7
C5	C5R001	Tierpoort	Tierpoort	6	FS		33.995	1.755	1.5	5.6	5.2
	C5R002	Kalkfontein	Riet	6	FS		325.13	90.910	11.2	28.8	28.0
	C5R003	Rustfontein	Modder	6	FS	BF	72.109	22.052	29.1	31.9	30.6
	C5R004	Krugersdrift	Modder	6	FS		71.479	44.906	22.8	79.2	62.8
	C5R005	Groothoek	Kgabanyane	6	FS	BF	11.905	5.601	14.7	48.9	47.0
C7	C7R001	Koppies	Renoster	5	FS		42.311	31.278	75.0	76.8	73.9
C8	C8R003	~Sterkfontein	Nuwejaar Spruit	5	FS	IV	2616.90	2472.36	94.1	94.5	94.5
	C8R004	~Saulspoort	Liebenbergvlei	5	FS		15.675	15.534	101.6	100.2	99.1
	C8R008	Fika-Patso	Namahadi	5	FS		29.411	# 16.169	37.9	# 55.0	# 55.0
C9	C9R001	~Vaalharts Storage Weir	Vaal	5	NC		50.682	41.002	83.6	74.8	80.9
	C9R002	Bloemhof	Vaal	5	FS	IV	1242.91	1021.15	85.5	84.8	82.2
	C9R003	~Douglas Storage Weir	Vaal	6	NC		16.245	11.544	84.1	81.2	71.1
	<b>Subtotal</b>						<b>8093.53</b>	<b>6610.76</b>	<b>79.1</b>	<b>82.8</b>	<b>81.7</b>
<b>D</b>											
D1	D1R001	Sterkspruit	Sterkspruit	6	EC		9.473	8.905	84.1	95.2	94.0
	D1R002	*Katse	Malibamatso	10	L	IV	1519.10	725.09	31.1	48.4	47.7
	D1R003	Mohale	Sequnyane	10	L	IV	843.53	150.78	38.7	18.3	17.9
D2	D2R001	Egmont	Witspruit	6	FS		9.059	7.235	73.3	82.5	79.9
	D2R002	Armenia	Leeu	6	FS		12.957	11.183	73.5	88.6	86.3
	D2R004	~Welbedacht	Caledon	6	FS	BF	5.418	5.418	14.1	87.5	100.0
	D2R006	Knellpoort	Rietspruit	6	FS	BF	130.00	105.27	38.2	82.6	81.0
D3	D3R002	Gariiep	Orange	6	FS		5196.04	4216.22	60.5	82.6	81.1
	D3R003	Vanderkloof	Orange	6	FS		3092.36	2791.42	74.9	91.7	90.3
D4	D4R001	Leeubos	Swartbas	6	NC		0.995	# 0.000	# 0.0	0.0	# 0.0
	D4R003	Disaneng	Molopo	5	NW		14.125	7.139	78.3	50.0	50.5
	D4R004	Setumo	Molopo	5	NW		20.718	16.818	92.4	75.8	81.2
D7	D7R001	~Boegoeberg	Orange	6	NC		20.613	# 20.371	106.7	# 98.8	# 98.8
	<b>Subtotal</b>						<b>10874.39</b>	<b>8065.85</b>	<b>58.7</b>	<b>75.4</b>	<b>74.2</b>
<b>E</b>											
E1	E1R001	Bulshoek	Olifants	9	WCw		4.809	3.294	42.6	81.4	68.5
	E1R002	Clanwilliam	Olifants	9	WCw		122.48	117.47	38.3	97.7	95.9
E4	E4R001	Karee	Karee	9	NC		0.949	0.519	0.4	57.7	54.7
	<b>Subtotal</b>						<b>128.24</b>	<b>121.28</b>	<b>38.2</b>	<b>96.8</b>	<b>94.6</b>
<b>G</b>											
G1	G1R001	Voëlvlei	Voëlvlei	9	WCw	CT	158.59	150.82	28.5	96.2	95.1
	G1R002	Wemmershoek	Wemmers	9	WCw	CT	58.710	53.631	49.1	92.2	91.3
	G1R003	~Misverstand Berg	Berg	9	WCw		5.678	5.429	78.8	99.6	95.6
	G1R004	Berg River	Berg	9	WCw	CT	127.05	126.08	67.4	99.1	99.2
G4	G4R001	~Steenbras	Steenbras	9	WCw	CT	33.880	28.753	51.8	88.9	84.9
	G4R002	Eikenhof	Palmiet	8	WCw		28.856	28.427	85.0	98.8	98.5
	G4R007	~Steenbrasdam-Upper	Steenbras	9	WCw	CT	31.811	22.603	99.7	81.2	71.1
	G4R010	De Bos	Onrus	8	WCw		5.735	3.753	64.3	66.0	65.4
	<b>Subtotal</b>						<b>450.31</b>	<b>419.50</b>	<b>53.7</b>	<b>94.7</b>	<b>93.2</b>

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Year %Full	Last Week %Full	2018-11-05 %Full
<b>H</b>											
H1	H1R001	Brandvlei	Brandvlei	8	WCw		286.04	168.28	33.3	60.1	58.8
	H1R002	Stettynskloof	Holsloot	8	WCw		14.747	14.708	100.1	100.0	99.7
	H1R003	Ceres	Koekedou	8	WCw		17.250	17.190	45.4	100.0	99.7
H2	H2R001	Roode Elsberg	Sanddrifskloof	8	WCw		7.727	7.716	40.6	100.2	99.9
	H2R002	Lakenvallei	Sanddrifskloof	8	WCw		10.443	7.766	82.1	74.4	74.4
H3	H3R001	Poortjies Kloof	Groot	8	WCw		9.720	0.827	34.3	8.5	8.5
	H3R002	Pietersfontein	Pietersfontein	8	WCw		1.917	0.709	55.6	37.0	37.0
H4	H4R002	Keerom	Nuy	8	WCw		9.750	3.182	40.8	32.6	32.6
	H4R003	Klipberg	Konings	8	WCw		1.939	0.002	10.7	0.2	0.1
	H4R004	Kwaggaskloof	Kwaggaskloof	8	WCw		169.41	97.308	34.3	58.7	57.4
H6	H6R001	Thee Waters Kloof	Riviersonderend	8	WCw	CT	479.26	273.70	26.1	57.6	57.1
	H6R002	Elandskloof	Elands	8	WCw		10.993	10.891	40.3	99.0	99.1
H7	H7R001	Buffelsjags	Buffelsjags	8	WCo		4.543	3.910	99.6	92.4	86.1
H8	H8R001	Duiwenhoks	Duiwenhoks	8	WCo		6.180	3.894	90.0	68.0	63.0
H9	H9R001	Korentepoort	Korinte	8	WCo		8.092	3.047	50.9	38.7	37.7
	<b>Subtotal</b>						<b>1038.01</b>	<b>613.13</b>	<b>32.8</b>	<b>59.9</b>	<b>59.1</b>
<b>J</b>											
J1	J1R001	Prinsrivier	Prins	8	WCo		2.258	0.153	9.4	6.8	6.8
	J1R002	Bellair	Brak	8	WCo		4.241	0.556	30.8	13.1	13.1
	J1R003	Floris Kraal	Buffels	8	WCo		48.266	2.455	2.9	5.4	5.1
	J1R004	Miertjies Kraal	Brand	8	WCo		1.442	0.001	0.2	7.0	0.1
J2	J2R001	Calitzdorp	Nels	8	WCo		4.817	0.635	22.4	13.1	13.2
	J2R002	Leeugamka	Leeu	8	WCo		13.584	0.014	0.1	0.1	0.1
	J2R003	Oukloof	Cordiers	8	WCo		4.190	0.020	0.9	0.5	0.5
	J2R004	Gamka	Gamka	8	WCo		1.733	0.000	0.0	0.0	0.0
	J2R006	Gamkapoort	Gamka	8	WCo		35.717	0.000	0.0	0.0	0.0
J3	J3R001	Kammanassie	Kammanassie	8	WCo		34.354	1.474	5.5	5.1	4.3
	J3R002	Stompdrift	Olifants	8	WCo		46.267	2.578	3.9	5.7	5.6
	<b>Subtotal</b>						<b>196.87</b>	<b>7.886</b>	<b>3.94</b>	<b>4.31</b>	<b>4.01</b>
<b>K</b>											
K1	K1R001	Hartebeestkuil	Hartenbos	8	WCo		7.133	0.317	10.5	4.5	4.4
	K1R002	Klipheuwel	Hartenbos	8	WCo		4.450	3.358	75.8	78.0	75.5
K2	K2R001	Ernest Robertson	Grootbrak	8	WCo		0.415	0.392	99.1	99.9	94.6
	K2R002	Wolwedans	Grootbrak	8	WCo		24.626	18.033	79.3	75.1	73.2
K3	K3R002	Garden Route	Swart	8	WCo		9.979	6.574	63.4	67.5	65.9
K6	K6R001	Roodefontein	Piesang	8	WCo		1.990	1.974	66.3	101.0	99.2
K9	K9R001	Kromrivier	Krom	7	EC	AL	35.240	35.010	14.0	100.0	99.3
	K9R002	Impofu	Krom	7	EC	AL	105.76	40.012	50.4	38.6	37.8
	<b>Subtotal</b>						<b>189.59</b>	<b>105.67</b>	<b>47.5</b>	<b>56.7</b>	<b>55.7</b>
<b>L</b>											
L3	L3R001	~Beervlei	Groot	7	EC		85.779	0.004	0.0	0.0	0.0
L8	L8R001	Kouga	Kouga	7	EC	AL	125.91	68.163	11.8	54.6	54.1
	L8R002	Haarlem	Groot	7	WCo		4.603	4.527	27.5	99.9	98.4
L9	L9R001	~Loerie	Loerie Spruit	7	EC	AL	3.026	2.376	91.3	83.4	78.5
	<b>Subtotal</b>						<b>219.32</b>	<b>75.07</b>	<b>8.60</b>	<b>34.6</b>	<b>34.2</b>
<b>M</b>											
M1	M1R001	Groendal	Swartkops	7	EC	AL	11.638	7.133	52.6	62.1	61.3
	<b>Subtotal</b>						<b>11.64</b>	<b>7.133</b>	<b>52.6</b>	<b>62.1</b>	<b>61.3</b>

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Year %Full	Last Week %Full	2018-11-05 %Full
<b>N</b>											
N1	N1R001	Nqweba (Van Ryneveldspas)	Sondags	7	EC		44.718	3.052	12.6	7.1	6.8
N2	N2R001	Darlington	Sondags	7	EC		179.84	57.519	33.6	33.7	32.0
	<b>Subtotal</b>						<b>224.56</b>	<b>60.57</b>	<b>29.5</b>	<b>28.4</b>	<b>27.0</b>
<b>P</b>											
P1	P1R003	Nuwejaars	Nuwejaarspruit	7	EC		4.556	1.237	45.5	27.7	27.2
	<b>Subtotal</b>						<b>4.556</b>	<b>1.237</b>	<b>45.5</b>	<b>27.7</b>	<b>27.2</b>
<b>Q</b>											
Q1	Q1R001	~Grassridge	Groot Brak	7	EC		44.487	17.682	37.9	44.3	39.7
Q4	Q4R001	Lake Arthur	Tarka	7	EC		10.332	# 3.029	# 0.0	29.3	# 29.3
	Q4R002	Kommando drift	Tarka	7	EC		55.870	10.272	31.2	19.3	18.4
Q5	Q5L001	~Elands Drift	Great Fish	7	EC		3.546	2.523	75.9	47.5	71.1
Q8	Q8R001	~De Mist Kraal	Little Fish	7	EC		2.053	1.347	100.1	66.9	65.6
Q9	Q9L001	Glen Melville	Water from Fish river via Eccca tunnel	7	EC		6.229	2.836	70.7	50.7	45.5
	Q9R001	Katrivier	Kat	7	EC		24.839	24.249	92.4	98.2	97.6
	<b>Subtotal</b>						<b>147.36</b>	<b>61.94</b>	<b>45.0</b>	<b>43.5</b>	<b>42.0</b>
<b>R</b>											
R1	R1R001	Sandile	Keiskamma	7	EC		29.656	24.586	65.3	84.0	82.9
	R1R003	Binfield	Tyume	7	EC		36.849	35.551	98.8	96.7	96.5
R2	R2L001	Debe	Debe	7	EC		6.331	2.594	50.0	41.3	41.0
	R2R001	Laing	Buffalo	7	EC	AM	18.904	18.319	99.5	97.9	96.9
	R2R002	Rooikrantz	Buffalo	7	EC	AM	4.799	3.129	83.4	68.8	65.2
	R2R003	Bridle Drift	Buffalo	7	EC	AM	97.923	55.198	53.7	57.7	56.4
R3	R3R001	Nahoon	Nahoon	7	EC	AM	19.257	10.940	96.4	58.1	56.8
	<b>Subtotal</b>						<b>213.72</b>	<b>150.32</b>	<b>71.6</b>	<b>71.4</b>	<b>70.3</b>
<b>S</b>											
S1	S1L001	Macubeni	Cacadu	7	EC		3.373	2.908	96.8	90.9	86.2
	S1R001	Xonxa	White Kei	7	EC		115.86	112.13	99.4	97.4	96.8
S2	S2R001	Lubisi	Indwe	7	EC		113.52	61.667	32.4	55.4	54.3
	S2R002	Doornrivier	Doorn	7	EC		17.099	14.646	50.3	86.9	85.7
S3	S3L001	Boesmanskranz	Oxkraal	7	EC	KP	4.818	1.365	26.5	28.7	28.3
	S3R001	Waterdown	Klipplaat	7	EC	KP	37.441	30.924	71.3	84.9	82.6
	S3R002	Bonkolo	Bonkolo	7	EC		6.943	# 0.000	***	0.0	# 0.0
	S3R003	Oxkraal	Oskraal	7	EC	KP	14.829	8.554	28.7	58.3	57.7
S5	S5R001	Ncora	Tsomo	7	EC		147.28	128.71	98.6	88.5	87.4
	S5R002	Tsojana	Tsojana	7	EC		12.272	11.516	97.4	94.6	93.8
S6	S6R001	Gubu	Gubu	7	EC	AM	8.504	7.880	93.2	93.6	92.7
	S6R002	Wriggleswade	Kubisi	7	EC	AM	91.471	88.010	65.6	96.8	96.2
S7	S7R001	Gcuwa	Gcuwa	7	EC		0.421	0.254	25.1	47.3	60.4
	S7R002	Xilinxa	Xilinca	7	EC		13.823	4.856	7.4	39.2	35.1
	S7R003	Toleni	Toleni	7	EC		0.177	0.043	84.0	26.9	24.2
	<b>Subtotal</b>						<b>587.83</b>	<b>473.46</b>	<b>71.9</b>	<b>81.6</b>	<b>80.5</b>
<b>T</b>											
T2	T2R001	Umtata	Mtata	7	EC		244.67	235.78	100.1	96.5	96.4
	T2R002	Mabeleni	Mhlahlane	7	EC		2.099	2.046	100.0	98.0	97.5
	T2R003	Corana	Corana	7	EC		0.725	0.583	51.2	81.5	80.4
T3	T3R001	Belfort	Mafube	7	EC		0.413	0.337	97.0	84.5	81.4
	T3R003	Ntenetyana	Ntenetyana	7	EC		1.615	1.026	67.5	65.0	63.6
	T3R004	Nqadu	Nqadu	7	EC		1.274	0.662	31.8	52.8	52.0
T7	T7R001	Mlanga	Mlanga	7	EC		1.597	0.816	13.9	53.3	51.1
	<b>Subtotal</b>						<b>252.39</b>	<b>241.25</b>	<b>98.9</b>	<b>95.7</b>	<b>95.6</b>

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Year %Full	Last Week %Full	2018-11-05 %Full
<b>U</b>											
U2	U2R001	Midmar	Mgeni	4	KN	UM	235.42	223.73	74.0	95.1	95.0
	U2R002	Nagle	Mgeni	4	KN	UM	23.236	14.684	66.6	64.3	63.2
	U2R003	Albert-Falls	Mgeni	4	KN	UM	288.14	126.87	20.8	44.8	44.0
	U2R004	Inanda	Mgeni	4	KN	UM	237.40	152.42	58.0	64.6	64.2
U3	U3R001	Hazelmere	Mdloti	4	KN		37.133	20.385	46.0	58.9	54.9
	<b>Subtotal</b>						<b>821.33</b>	<b>538.09</b>	<b>49.2</b>	<b>66.1</b>	<b>65.5</b>
<b>V</b>											
V1	V1R001	Spioenkop	Tugela	4	KN		270.64	222.40	71.3	83.0	82.2
	V1R002	~Driel Barrage	Tugela	4	KN		8.694	8.347	100.1	# 96.0	96.0
	V1R003	~Woodstock	Tugela	4	KN	IV	373.25	345.72	52.7	92.6	92.6
V2	V2R001	Craigie Burn	Mnyamvubu	4	KN		22.466	17.736	83.3	80.8	78.9
	V2R002	Mearns	Mooi	4	KN		5.163	2.701	68.0	50.1	52.3
	V2R003	Spring Grove	Mooi	4	KN	UM	139.20	91.898	76.9	68.4	66.0
V3	V3R001	Ntshingwayo	Ngagane	4	KN		194.56	149.26	74.9	77.8	76.7
	V3R003	Zaaihoek	Slang	4	KN	IV	184.26	157.81	60.0	# 86.9	85.6
V7	V7R001	Wagendrift	Boesmans	4	KN		55.900	49.761	93.1	91.2	89.0
	<b>Subtotal</b>						<b>1254.13</b>	<b>1045.63</b>	<b>66.6</b>	<b>84.3</b>	<b>83.4</b>
<b>W</b>											
W1	W1R001	Goedertrouw	Mhlatuze	4	KN		301.26	142.09	31.7	47.1	47.2
W2	W2R001	Klipfontein	Wit Mfolozi	4	KN		18.086	13.795	42.7	77.2	76.3
W3	W3R001	Hluhluwe	Hluhluwe	4	KN		25.893	22.619	59.7	86.8	87.4
W4	W4R001	Pongolapoort	Phongolo	4	KN		2267.07	969.70	36.0	46.5	42.8
	W4R002	Bivane	Bivane	4	KN		114.04	84.030	42.9	76.0	73.7
W5	W5R001	Jericho	Mpama	3	M	IV	59.273	42.111	68.9	70.5	71.0
	W5R002	Westoe	Usutu	3	M	IV	60.095	30.047	83.5	49.5	50.0
	W5R003	Morgenstond	Ngwempisi	3	M	IV	99.988	69.559	45.8	70.4	69.6
	W5R004	Heyshope	Assegai	3	M	IV	444.94	371.49	77.0	84.0	83.5
	<b>Subtotal</b>						<b>3390.65</b>	<b>1745.44</b>	<b>43.2</b>	<b>54.1</b>	<b>51.5</b>
<b>X</b>											
X1	X1R001	Nooigedacht	Komati	3	M	IV	78.343	71.819	84.3	90.8	91.7
	X1R003	Vygeboom	Komati	3	M	IV	78.020	73.602	84.6	93.8	94.3
	X1R004	Driekoppies	Lomati	3	M		250.92	160.32	39.7	64.4	63.9
	X1R005	Maguga	Komati	11	S		333.75	259.35	52.3	78.1	77.7
X2	X2R001	Longmere	Wit	3	M		4.202	2.755	67.3	70.0	65.6
	X2R002	Klipkopjes	Wit	3	M		11.777	6.183	73.5	52.7	52.5
	X2R003	Witklip	Sand	3	M		12.519	9.700	88.2	78.8	77.5
	X2R004	Primkop	Wit	3	M		1.899	0.792	62.3	44.3	41.7
	X2R005	Kwena	Krokodil	3	M		158.65	88.320	59.1	52.8	55.7
X3	X3R001	Da Gama	White Waters	3	M		13.526	9.119	72.7	67.4	67.4
	X3R002	Inyaka	Marite	3	M		123.66	80.432	79.7	64.8	65.0
	<b>Subtotal</b>						<b>1067.27</b>	<b>762.39</b>	<b>59.2</b>	<b>71.2</b>	<b>71.4</b>

<b>Total Full Supply Capacity of dams</b> <b>10<sup>6</sup>M<sup>3</sup></b>	<b>Last Year</b>	<b>Last Week</b>	<b>This Week</b> <b>2018-11-05</b>
	32321.4	32320.8	32320.8

<b>Summary Provinces</b>	<b>Full Supply Capacity 10<sup>6</sup>M<sup>3</sup></b>	<b>Water in Storage 10<sup>6</sup>M<sup>3</sup></b>	<b>Last Year %Full</b>	<b>Last Week %Full</b>	<b>This Week %Full</b>
EC Eastern Cape	1807.2	1150.4	58.1	64.5	63.7
FS Free State	15945.3	13280.5	71.9	84.6	83.3
G Gauteng	128.1	125.4	85.4	97.9	97.9
KN Kwazulu-Natal	4801.8	2816.0	46.3	60.8	58.6
L Lesotho	2362.6	875.9	33.8	37.7	37.1
LP Limpopo	1522.3	954.5	68.1	63.2	62.7
M Mpumalanga	2538.6	1787.8	68.2	70.5	70.4
NC Northern Cape	147.3	115.3	84.2	78.6	78.3
NW North West	868.1	492.9	74.8	57.5	56.8
S Swaziland	333.8	259.4	52.3	78.1	77.7
WCo Western Cape - Other rainfall	268.9	53.9	20.4	20.9	20.1
WCw Western Cape - Winter rainfall	1596.8	1142.5	38.6	72.7	71.6
WC Western Cape - Total	1865.7	1196.4	36.0	65.2	64.1
<b>GRAND TOTAL</b>	32320.8	23054.3	62.0	72.5	71.3

<b>Summary WMA</b>	<b>Full Supply Capacity 10<sup>6</sup>M<sup>3</sup></b>	<b>Water in Storage 10<sup>6</sup>M<sup>3</sup></b>	<b>Last Year %Full</b>	<b>Last Week %Full</b>	<b>This Week %Full</b>
1 Limpopo	1297.6	821.4	76.4	64.1	63.3
2 Olifants	1857.5	1126.3	64.8	61.1	60.6
3 Inkomati-Usuthu	1397.8	1016.2	67.0	72.6	72.7
4 Pongola-Mtamvuna	4801.8	2816.0	46.3	60.8	58.6
5 Vaal Major	7597.5	6457.9	83.5	86.0	85.0
6 Orange	9007.8	7342.8	62.7	83.1	81.5
7 Mzimvubu-Tsitsikamma	1802.4	1146.0	57.9	64.5	63.6
8 Breede-Gouritz	1318.1	683.8	30.9	52.7	51.9
9 Berg-Olifants	544.0	508.6	48.2	95.3	93.5
10 Lesotho	2362.6	875.9	33.8	37.7	37.1
11 Swaziland	333.8	259.4	52.3	78.1	77.7
<b>GRAND TOTAL</b>	32320.8	23054.3	62.0	72.5	71.3

**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.

<b>Summary Water Supply Systems</b>	<b>Full Supply Capacity 10<sup>6</sup>M<sup>3</sup></b>	<b>Water in Storage 10<sup>6</sup>M<sup>3</sup></b>	<b>Last Year %Full</b>	<b>Last Week %Full</b>	<b>This Week %Full</b>
AL Algoa	281.6	152.7	29.1	54.9	54.2
AM Amathole	240.9	183.5	67.2	77.2	76.2
BF Bloemfontein	219.4	138.3	33.3	64.2	63.0
CT Cape Town	889.3	655.6	37.6	74.7	73.7
CW Crocodile West	444.0	334.7	85.9	75.9	75.4
IV IVRS	10553.6	7958.3	72.0	76.2	75.4
KP Klipplaat	57.1	40.8	56.4	73.2	71.5
LV Luvuvhu	224.8	205.9	93.7	92.2	91.6
PK Polokwane	254.3	197.1	52.6	78.2	77.5
UM Umgeni	923.4	609.6	53.5	66.8	66.0

## 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 %.