



# Department of Water and Sanitation

## Weekly State of the Reservoirs on

2019-03-18

### 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	2019-03-18 %Full
<b>A</b>											
A1	A1R001	Ngotwane	Ngotwane	1	NW		19.033	# 11.924	# 69.1	62.6	# 62.6
A2	A2R001	Hartbeespoort	Krokodil	1	NW	CW	186.44	180.71	96.9	97.8	96.9
	A2R002	Bon Accord	Apies	1	G		4.381	4.459	# 106.6	102.4	101.8
	A2R003	Olifantsnek	Hex	1	NW		13.677	2.817	# 43.3	21.4	20.6
	A2R004	Rietvlei	Hennops	1	G	CW	12.250	12.194	# 89.5	99.4	99.5
	A2R005	Buffelspoort	Sterkstroom	1	NW		10.183	9.061	98.2	89.4	89.0
	A2R006	Bospoort	Hex	1	NW	CW	15.799	15.050	101.6	95.7	95.3
	A2R007	Lindleyspoort	Elands	1	NW		14.208	1.599	46.0	11.4	11.3
	A2R008	-Warmbad	Buffelspruit	1	LP		0.549	0.322	67.3	65.5	58.7
	A2R009	Roodeplaat	Pienaars	1	G	CW	41.158	41.197	99.3	100.2	100.1
	A2R011	Koster	Koster	1	NW		12.417	6.704	76.2	54.4	54.0
	A2R012	Klipvoor	Pienaars	1	NW	CW	40.735	39.390	75.4	100.0	96.7
	A2R013	Swartruggens	Elands	1	NW		0.475	0.401	# 100.0	88.5	84.5
	A2R014	Vaalkop	Elands	1	NW	CW	51.315	21.665	36.5	42.3	42.2
	A2R015	Rodekopjes	Krokodil	1	NW	CW	96.345	87.078	66.6	92.4	90.4
	A2R018	Middelkraal	Maretlwane	1	NW		0.736	0.457	# 41.9	62.8	62.1
A3	A3R001	Marico-Bosveld	Groot-Marico	1	NW		26.963	# 3.363	57.1	12.5	# 12.5
	A3R002	Klein Maricopoort	Klein-Marico	1	NW		7.073	0.902	42.4	# 12.5	12.7
	A3R003	Kromellenboog	Klein-Marico	1	NW		8.956	# 0.530	32.1	5.9	# 5.9
	A3R004	Molatedi	Groot-Marico	1	NW		200.79	44.461	37.8	22.7	22.1
	A3R005	Sehujwane	Sehujane	1	NW		3.614	# 3.175	99.2	87.9	# 87.9
	A3R006	Madikwe	Tholwane	1	NW		15.938	9.888	58.3	63.2	62.0
	A3R007	Pella	Lethlakane	1	NW		2.111	# 1.012	52.0	47.9	# 47.9
A4	A4R001	Mokolo	Mokolo	1	LP		145.77	117.24	77.4	80.8	80.4
A6	A6R001	Doorndraai	Sterk	1	LP		43.764	8.432	39.7	19.8	19.3
	A6R002	Glen Alpine	Mogalakwena	1	LP		18.889	1.707	8.8	9.3	9.0
A7	A7R002	Houtrivier	Hout	1	LP		6.625	3.653	51.8	56.1	55.1
A8	A8R001	Nzhelele	Nzhelele	1	LP		51.234	41.366	63.4	81.0	80.7
	A8R002	Luphephe	Luphephe	1	LP		13.984	11.117	73.0	79.6	79.5
	A8R003	Nwanedzi	Nwanedzi	1	LP		5.144	3.956	75.2	77.0	76.9
	A8R004	&&& Mutshedzi	Mutshedzi	1	LP		2.336	2.371	95.2	100.9	101.5
A9	A9R001	Albasini	Luvuvhu	1	LP	LV	28.199	21.558	85.9	76.8	76.4
	A9R002	Vondo	Mutshindudi	1	LP	LV	30.447	30.622	101.0	100.6	100.6
	A9R004	Nandoni	Levhuvhu	1	LP	LV	166.11	167.80	100.5	101.1	101.0
	<b>Subtotal</b>						<b>1297.65</b>	<b>908.18</b>	<b>71.7</b>	<b>70.6</b>	<b>70.0</b>
<b>B</b>											
B1	B1R001	Witbank	Olifants	2	M		104.02	94.244	96.7	91.4	90.6
	B1R002	Middelburg	Little Olifants	2	M		48.056	45.302	92.7	94.7	94.3
B2	B2R001	Bronkhorstspuit	Bronkhorstspuit	2	G		56.994	54.108	85.9	95.2	94.9
B3	B3R001	Rust De Winter	Elands	2	LP		28.186	24.272	75.8	87.2	86.1
	B3R002	Loskop	Olifants	2	M		361.51	335.74	95.9	93.3	92.9
	B3R005	Rhenosterkop	Elands	2	M		204.58	4.543	8.2	2.3	2.2
B4	B4R001	Tonteldoos	Tonteldoos	2	LP		0.189	0.189	100.5	100.3	100.0
	B4R002	Vlugkraal	Vlugkraal	2	LP		0.443	0.382	96.7	86.1	86.2
	B4R004	Buffelskloof	Waterval	2	M		5.244	4.156	75.1	77.3	79.2
	B4R007	De Hoop	Steelpoort	2	LP		348.70	314.73	94.6	90.9	90.3
B5	B5R002	Flag Boshielo	Olifants	2	LP	PK	185.13	145.59	37.0	79.2	78.6
B6	B6R001	Ohrigstad	Ohrigstad	2	M		13.448	2.737	27.0	19.9	20.4
	B6R003	Blyderivierpoort	Blyde	2	M		54.369	54.524	75.1	100.3	100.3
B7	B7R001	Klaserie	Klaserie	2	LP		5.604	5.616	99.9	100.2	100.2
	B7R003	Tours	Ngwabitsi	2	LP		6.084	2.460	64.0	40.4	40.4
B8	B8R001	Ebenezer	Groot-Letaba	2	LP	PK	69.139	45.603	92.0	66.1	66.0
	B8R002	Hans Merensky	Ramadiepa	2	LP		1.225	1.234	101.1	100.8	100.8
	B8R003	Magoebaskloof	Politsi	2	LP		4.840	4.857	100.3	100.4	100.4
	B8R004	Vergelegen	Politsi Tributary	2	LP		0.254	0.228	101.3	98.1	89.8
	B8R005	Tzaneen	Groot-Letaba	2	LP		156.53	28.364	44.5	18.5	18.1
	B8R006	Dap Naude	Broederstroom	2	LP		1.936	1.911	102.0	97.1	98.7
	B8R007	Middel-Letaba	Middel-Letaba	2	LP		171.93	13.467	16.7	8.1	7.8
	B8R009	Nsami	Nsama	2	LP		21.874	13.533	56.8	63.4	61.9
	B8R011	Modjadji	Molototsi	2	LP		7.196	1.145	29.4	16.7	15.9
	<b>Subtotal</b>						<b>1857.48</b>	<b>1198.93</b>	<b>65.7</b>	<b>65.0</b>	<b>64.5</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	2019-03-18 %Full
<b>C</b>											
C1	C1R001	Vaal	Vaal	5	FS	IV	2603.45	1830.70	83.4	70.0	70.3
	C1R002	Grootdraai	Vaal	5	M	IV	349.53	293.85	97.0	83.3	84.1
C2	C2R001	Boskop	Mooi	5	NW		21.026	13.548	88.2	64.7	64.4
	C2R002	Johan Nesper	Skoonspruit	5	NW		5.672	0.276	5.6	4.9	4.9
	C2R003	Klerkskraal	Mooi	5	NW		7.922	# 4.457	60.9	# 56.3	# 56.3
	C2R004	Potchefstroom	Mooi	5	NW		2.027	1.824	73.6	72.9	90.0
	C2R005	Klipdrift	Loop Spruit	5	G		13.301	12.659	86.9	# 95.2	95.2
	C2R006	Elandskuil	Swartleege	5	NW		1.181	0.192	14.3	15.6	16.3
	C2R007	Rietspruit	Rietspruit	5	NW		7.275	0.654	24.4	# 8.3	9.0
	C2R008	Vaalrivier Barrage	Vaal	5	FS		53.616	50.611	20.5	98.3	94.4
C3	C3R002	Spitskop	Harts	5	NC		57.831	20.546	51.2	34.0	35.5
	C3R006	Taung	Harts	5	NW		61.366	50.610	88.2	82.5	82.5
C4	C4R001	Allemskraal	Sand	5	FS		174.52	42.290	31.7	24.2	24.2
	C4R002	Erfenis	Groot-Vet	5	FS		206.06	98.971	48.4	46.9	48.0
C5	C5R001	Tierpoort	Tierpoort	6	FS		33.995	2.680	0.2	1.1	7.9
	C5R002	Kalkfontein	Riet	6	FS		325.13	83.644	10.2	22.6	25.7
	C5R003	Rustfontein	Modder	6	FS	BF	72.109	20.002	23.5	26.7	27.7
	C5R004	Krugersdrift	Modder	6	FS		71.479	34.232	27.8	44.3	47.9
	C5R005	Groothoek	Kgabanyane	6	FS	BF	11.905	4.384	27.7	36.7	36.8
C7	C7R001	Koppies	Renoster	5	FS		42.311	32.630	70.6	68.0	77.1
C8	C8R003	~Sterkfontein	Nuwejaar Spruit	5	FS	IV	2616.90	2453.91	94.4	93.8	93.8
	C8R004	~Saulspoort	Liebenbergvlei	5	FS		15.675	17.370	107.6	108.3	110.8
	C8R008	Fika-Patso	Namahadi	5	FS		29.411	# 10.944	59.3	# 37.2	# 37.2
C9	C9R001	~Vaalharts Storage Weir	Vaal	5	NC		50.682	44.459	84.3	78.8	87.7
	C9R002	Bloemhof	Vaal	5	FS	IV	1242.91	700.26	73.7	56.6	56.3
	C9R003	~Douglas Storage Weir	Vaal	6	NC		16.245	17.913	103.7	77.7	110.3
	<b>Subtotal</b>						<b>8093.53</b>	<b>5843.62</b>	<b>78.9</b>	<b>71.7</b>	<b>72.2</b>
<b>D</b>											
D1	D1R001	Sterkspruit	Sterkspruit	6	EC		9.473	9.545	101.9	101.0	100.8
	D1R002	*Katse	Malibamatso	10	L	IV	1519.10	544.23	52.8	35.0	35.8
	D1R003	Mohale	Sequnyane	10	L	IV	843.53	179.35	25.5	20.3	21.3
D2	D2R001	Egmont	Witspruit	6	FS		9.059	8.386	72.4	46.3	92.6
	D2R002	Armenia	Leeu	6	FS		12.957	9.669	57.1	69.3	74.6
	D2R004	~Welbedacht	Caledon	6	FS	BF	5.418	5.418	99.3	87.5	100.0
	D2R006	Knellpoort	Rietspruit	6	FS	BF	130.00	91.201	46.5	69.7	70.2
D3	D3R002	Gariiep	Orange	6	FS		5196.04	4216.22	74.5	73.5	81.1
	D3R003	Vanderkloof	Orange	6	FS		3092.36	2056.33	55.0	65.0	66.5
D4	D4R001	Leeubos	Swartbas	6	NC		0.995	0.000	# 0.0	# 0.0	0.0
	D4R003	Disaneng	Molopo	5	NW		14.125	# 5.134	61.3	36.3	# 36.3
	D4R004	Setumo	Molopo	5	NW		20.718	# 10.609	79.7	51.2	# 51.2
D7	D7R001	~Boegoeberg	Orange	6	NC		20.613	14.473	106.7	78.7	70.2
	<b>Subtotal</b>						<b>10874.39</b>	<b>7150.56</b>	<b>61.9</b>	<b>61.4</b>	<b>65.8</b>
<b>E</b>											
E1	E1R001	Bulshoek	Olifants	9	WCw		4.809	3.266	23.5	81.4	67.9
	E1R002	Clanwilliam	Olifants	9	WCw		122.48	34.259	6.7	30.4	28.0
E4	E4R001	Karee	Karee	9	NC		0.949	0.223	0.0	24.8	23.5
	<b>Subtotal</b>						<b>128.24</b>	<b>37.75</b>	<b>7.27</b>	<b>32.2</b>	<b>29.4</b>
<b>G</b>											
G1	G1R001	Voëlvlei	Voëlvlei	9	WCw	CT	158.59	99.964	14.9	63.8	63.0
	G1R002	Wemmershoek	Wemmers	9	WCw	CT	58.710	34.379	44.2	60.0	58.6
	G1R003	~Misverstand	Berg	9	WCw		5.678	5.702	28.0	97.4	100.4
	G1R004	Berg River	Berg	9	WCw	CT	127.05	92.233	46.6	72.8	72.6
G4	G4R001	~Steenbras	Steenbras	9	WCw	CT	33.880	16.382	38.7	49.0	48.4
	G4R002	Eikenhof	Palmiet	8	WCw		28.856	19.796	22.1	67.4	68.6
	G4R007	~Steenbrasdam-Upper	Steenbras	9	WCw	CT	31.811	22.214	84.9	69.8	69.8
	G4R010	De Bos	Onrus	8	WCw		5.735	2.613	42.3	44.8	45.6
	<b>Subtotal</b>						<b>450.31</b>	<b>293.28</b>	<b>35.4</b>	<b>65.6</b>	<b>65.1</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	2019-03-18 %Full
<b>H</b>											
H1	H1R001	Brandvlei	Brandvlei	8	WCw		286.04	70.819	6.1	25.8	24.8
	H1R002	Stettynskloof	Holsloot	8	WCw		14.747	7.875	54.3	54.3	53.4
	H1R003	Ceres	Koekedou	8	WCw		17.250	12.830	25.8	81.3	74.4
H2	H2R001	Roode Elsberg	Sanddrifskloof	8	WCw		7.727	2.885	8.3	37.7	37.3
	H2R002	Lakenvallei	Sanddrifskloof	8	WCw		10.443	6.927	61.9	66.3	66.3
H3	H3R001	Poortjies Kloof	Groot	8	WCw		9.720	0.200	17.0	3.2	2.1
	H3R002	Pietersfontein	Pietersfontein	8	WCw		1.917	0.518	43.0	29.8	27.0
H4	H4R002	Keerom	Nuy	8	WCw		9.750	1.268	17.0	13.0	13.0
	H4R003	Klipberg	Konings	8	WCw		1.939	0.000	1.3	0.0	0.0
	H4R004	Kwaggaskloof	Kwaggaskloof	8	WCw		169.41	45.702	14.4	28.0	27.0
H6	H6R001	Thee Waters Kloof	Riviersonderend	8	WCw	CT	479.26	193.49	10.4	40.0	40.4
	H6R002	Elandskloof	Elands	8	WCw		10.993	4.040	16.8	37.3	36.8
H7	H7R001	Buffelsjags	Buffelsjags	8	WCo		4.543	4.594	101.1	127.4	101.1
H8	H8R001	Duiwenhoks	Duiwenhoks	8	WCo		6.180	3.547	89.0	45.1	57.4
H9	H9R001	Korentepoort	Korinte	8	WCo		8.092	3.892	54.4	44.6	48.1
	<b>Subtotal</b>						<b>1038.01</b>	<b>358.59</b>	<b>12.7</b>	<b>35.0</b>	<b>34.5</b>
<b>J</b>											
J1	J1R001	Prinsrivier	Prins	8	WCo		2.258	# 0.689	10.2	30.5	# 30.5
	J1R002	Bellair	Brak	8	WCo		4.241	# 0.730	20.4	17.2	# 17.2
	J1R003	Floris Kraal	Buffels	8	WCo		48.266	3.363	3.1	5.4	7.0
	J1R004	Miertjies Kraal	Brand	8	WCo		1.442	0.006	8.9	0.4	0.4
J2	J2R001	Calitzdorp	Nels	8	WCo		4.817	0.378	10.9	7.6	7.8
	J2R002	Leeugamka	Leeu	8	WCo		13.584	1.605	23.4	6.1	11.8
	J2R003	Oukloof	Cordiers	8	WCo		4.190	0.391	0.7	5.4	9.3
	J2R004	Gamka	Gamka	8	WCo		1.733	0.189	0.0	9.3	10.9
	J2R006	Gamkapoort	Gamka	8	WCo		35.717	8.874	5.3	2.5	24.8
J3	J3R001	Kammanassie	Kammanassie	8	WCo		34.354	0.909	4.1	2.7	2.6
	J3R002	Stompdrift	Olifants	8	WCo		46.267	4.461	8.1	9.7	9.6
	<b>Subtotal</b>						<b>196.87</b>	<b>21.59</b>	<b>6.87</b>	<b>6.05</b>	<b>11.0</b>
<b>K</b>											
K1	K1R001	Hartebeestkuil	Hartenbos	8	WCo		7.133	0.194	6.1	2.7	2.7
	K1R002	Klipheuwel	Hartenbos	8	WCo		4.450	2.231	82.2	48.0	50.1
K2	K2R001	Ernest Robertson	Grootbrak	8	WCo		0.415	0.415	100.9	101.4	100.0
	K2R002	Wolwedans	Grootbrak	8	WCo		24.626	17.232	89.6	68.7	70.0
K3	K3R002	Garden Route	Swart	8	WCo		9.979	8.624	100.0	84.3	86.4
K6	K6R001	Roodefontein	Piesang	8	WCo		1.990	1.880	69.7	94.8	94.5
K9	K9R001	Kromrivier	Krom	7	EC	AL	35.240	35.070	17.6	96.2	99.5
	K9R002	Impofu	Krom	7	EC	AL	105.76	30.355	39.3	29.0	28.7
	<b>Subtotal</b>						<b>189.59</b>	<b>96.00</b>	<b>45.2</b>	<b>49.9</b>	<b>50.6</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	61.042	11.6	46.2	48.5
	L8R002	Haarlem	Groot	7	WCo		4.603	3.369	60.1	74.5	73.2
L9	L9R001	~Loerie	Loerie Spruit	7	EC	AL	3.026	1.559	91.7	44.5	51.5
	<b>Subtotal</b>						<b>219.32</b>	<b>65.97</b>	<b>9.17</b>	<b>28.7</b>	<b>30.1</b>
<b>M</b>											
M1	M1R001	Groendal	Swartkops	7	EC	AL	11.638	6.539	50.7	55.4	56.2
	<b>Subtotal</b>						<b>11.64</b>	<b>6.539</b>	<b>50.7</b>	<b>55.4</b>	<b>56.2</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	2019-03-18 %Full
<b>N</b>											
N1	N1R001	Nqweba (Van Ryneveldspas)	Sondags	7	EC		44.718	0.883	12.8	2.1	2.0
N2	N2R001	Darlington	Sondags	7	EC		179.84	66.628	39.4	33.9	37.0
	<b>Subtotal</b>						<b>224.56</b>	<b>67.51</b>	<b>34.1</b>	<b>27.5</b>	<b>30.1</b>
<b>P</b>											
P1	P1R003	Nuwejaars	Nuwejaarspruit	7	EC		4.556	0.839	38.4	18.2	18.4
	<b>Subtotal</b>						<b>4.556</b>	<b>0.839</b>	<b>38.4</b>	<b>18.2</b>	<b>18.4</b>
<b>Q</b>											
Q1	Q1R001	~Grassridge	Groot Brak	7	EC		44.487	20.908	55.0	45.2	47.0
Q4	Q4R001	Lake Arthur	Tarka	7	EC		10.332	# 1.711	# 0.0	16.6	# 16.6
	Q4R002	Kommando drift	Tarka	7	EC		55.870	3.732	27.1	7.2	6.7
Q5	Q5L001	~Elands Drift	Great Fish	7	EC		3.546	4.257	49.1	51.7	120.1
Q8	Q8R001	~De Mist Kraal	Little Fish	7	EC		2.053	1.545	70.8	68.9	75.2
Q9	Q9L001	Glen Melville	Water from Fish river via Eccca tunnel	7	EC		6.229	6.206	93.4	85.4	99.6
	Q9R001	Katrivier	Kat	7	EC		24.839	18.093	100.5	74.3	72.8
	<b>Subtotal</b>						<b>147.36</b>	<b>56.45</b>	<b>50.0</b>	<b>35.9</b>	<b>38.3</b>
<b>R</b>											
R1	R1R001	Sandile	Keiskamma	7	EC		29.656	18.173	93.7	62.2	61.3
	R1R003	Binfield	Tyume	7	EC		36.849	31.575	100.0	86.1	85.7
R2	R2L001	Debe	Debe	7	EC		6.331	1.978	50.0	31.6	31.2
	R2R001	Laing	Buffalo	7	EC	AM	18.904	19.027	102.6	101.1	100.7
	R2R002	Rooikrantz	Buffalo	7	EC	AM	4.799	2.390	101.4	47.6	49.8
	R2R003	Bridle Drift	Buffalo	7	EC	AM	97.923	39.839	78.3	41.0	40.7
R3	R3R001	Nahoon	Nahoon	7	EC	AM	19.257	15.398	96.1	78.3	80.0
	<b>Subtotal</b>						<b>213.72</b>	<b>128.38</b>	<b>87.6</b>	<b>60.3</b>	<b>60.1</b>
<b>S</b>											
S1	S1L001	Macubeni	Cacadu	7	EC		3.373	3.373	100.0	100.0	100.0
	S1R001	Xonxa	White Kei	7	EC		115.86	116.91	101.2	104.9	100.9
S2	S2R001	Lubisi	Indwe	7	EC		113.52	61.513	48.1	53.0	54.2
	S2R002	Doornrivier	Doorn	7	EC		17.099	13.421	94.5	77.4	78.5
S3	S3L001	Boesmanskranz	Oxkraal	7	EC	KP	4.818	2.168	31.3	52.8	45.0
	S3R001	Waterdown	Klipplaat	7	EC	KP	37.441	20.187	79.0	54.7	53.9
	S3R002	Bonkolo	Bonkolo	7	EC		6.943	0.000	# 0.0	# 0.0	0.0
	S3R003	Oxkraal	Oskraal	7	EC	KP	14.829	9.496	53.0	62.7	64.0
S5	S5R001	Ncora	Tsomo	7	EC		147.28	149.80	104.2	91.1	101.7
	S5R002	Tsojana	Tsojana	7	EC		12.272	12.272	100.0	100.0	100.0
S6	S6R001	Gubu	Gubu	7	EC	AM	8.504	6.826	101.0	80.4	80.3
	S6R002	Wriggleswade	Kubisi	7	EC	AM	91.471	69.964	90.6	77.8	76.5
S7	S7R001	Gcuwa	Gcuwa	7	EC		0.421	0.421	100.0	100.0	100.0
	S7R002	Xilinxa	Xilinca	7	EC		13.823	3.037	24.3	22.1	22.0
	S7R003	Toleni	Toleni	7	EC		0.177	0.030	91.4	17.0	17.0
	<b>Subtotal</b>						<b>587.83</b>	<b>469.42</b>	<b>83.6</b>	<b>78.0</b>	<b>79.9</b>
<b>T</b>											
T2	T2R001	Umtata	Mtata	7	EC		244.67	248.93	103.4	102.9	101.7
	T2R002	Mabeleni	Mhlahlane	7	EC		2.099	2.099	100.0	100.0	100.0
	T2R003	Corana	Corana	7	EC		0.725	0.571	94.8	75.6	78.7
T3	T3R001	Belfort	Mafube	7	EC		0.413	0.413	100.0	100.0	100.0
	T3R003	Ntenetyana	Ntenetyana	7	EC		1.615	1.687	105.6	101.9	104.5
	T3R004	Nqadu	Nqadu	7	EC		1.274	0.762	48.8	54.0	59.8
T7	T7R001	Mlanga	Mlanga	7	EC		1.597	0.588	42.1	37.0	36.8
	<b>Subtotal</b>						<b>252.39</b>	<b>255.05</b>	<b>102.7</b>	<b>102.1</b>	<b>101.1</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	2019-03-18 %Full
<b>U</b>											
U2	U2R001	Midmar	Mgeni	4	KN	UM	235.42	236.31	100.2	100.5	100.4
	U2R002	Nagle	Mgeni	4	KN	UM	23.236	18.844	59.8	83.3	81.1
	U2R003	Albert-Falls	Mgeni	4	KN	UM	288.14	112.55	30.1	37.6	39.1
	U2R004	Inanda	Mgeni	4	KN	UM	237.40	163.02	63.6	66.3	68.7
U3	U3R001	Hazelmere	Mdloti	4	KN		37.133	23.314	61.1	51.6	62.8
	<b>Subtotal</b>						<b>821.33</b>	<b>554.04</b>	<b>62.1</b>	<b>65.8</b>	<b>67.5</b>
<b>V</b>											
V1	V1R001	Spioenkop	Tugela	4	KN		270.64	257.07	100.1	92.2	95.0
	V1R002	~Driel Barrage	Tugela	4	KN		8.694	# 7.847	98.3	90.3	# 90.3
	V1R003	~Woodstock	Tugela	4	KN	IV	373.25	# 345.44	100.2	92.5	# 92.5
V2	V2R001	Craigie Burn	Mnyamvubu	4	KN		22.466	16.525	100.2	72.9	73.6
	V2R002	Mearns	Mooi	4	KN		5.163	5.277	101.2	113.1	102.2
	V2R003	Spring Grove	Mooi	4	KN	UM	139.20	93.529	99.5	64.4	67.2
V3	V3R001	Ntshingwayo	Ngagane	4	KN		194.56	145.01	90.5	73.5	74.5
	V3R003	Zaaihoek	Slang	4	KN	IV	184.26	146.32	92.1	77.4	79.4
V7	V7R001	Wagendrift	Boesmans	4	KN		55.900	56.373	101.0	103.0	100.8
	<b>Subtotal</b>						<b>1254.13</b>	<b>1073.39</b>	<b>97.4</b>	<b>84.3</b>	<b>85.6</b>
<b>W</b>											
W1	W1R001	Goedertrouw	Mhlatuze	4	KN		301.26	150.46	34.9	49.3	49.9
W2	W2R001	Klipfontein	Wit Mfolozi	4	KN		18.086	18.146	100.3	101.0	100.3
W3	W3R001	Hluhluwe	Hluhluwe	4	KN		25.893	24.280	99.3	90.6	93.8
W4	W4R001	Pongolapoort	Phongolo	4	KN		2267.07	1014.24	38.2	44.0	44.7
	W4R002	Bivane	Bivane	4	KN		114.04	114.72	100.8	100.6	100.6
W5	W5R001	Jericho	Mpama	3	M	IV	59.273	41.774	85.9	70.9	70.5
	W5R002	Westoe	Usutu	3	M	IV	60.095	38.745	76.5	64.1	64.5
	W5R003	Morgenstond	Ngwempisi	3	M	IV	99.988	68.538	73.0	69.2	68.5
	W5R004	Heyshope	Assegai	3	M	IV	444.94	386.63	84.1	86.9	86.9
	<b>Subtotal</b>						<b>3390.65</b>	<b>1857.53</b>	<b>49.3</b>	<b>54.3</b>	<b>54.8</b>
<b>X</b>											
X1	X1R001	Nooigedacht	Komati	3	M	IV	78.343	78.267	89.6	100.1	99.9
	X1R003	Vygeboom	Komati	3	M	IV	78.020	78.620	100.6	99.7	100.8
	X1R004	Driekoppies	Lomati	3	M		250.92	169.75	54.7	67.1	67.7
	X1R005	Maguga	Komati	11	S		333.75	332.50	83.5	100.2	99.6
X2	X2R001	Longmere	Wit	3	M		4.202	2.517	67.9	66.1	59.9
	X2R002	Klipkopjes	Wit	3	M		11.777	5.887	75.5	50.2	50.0
	X2R003	Witklip	Sand	3	M		12.519	11.806	93.7	93.6	94.3
	X2R004	Primkop	Wit	3	M		1.899	0.393	85.6	21.5	20.7
	X2R005	Kwena	Krokodil	3	M		158.65	79.426	64.8	49.6	50.1
X3	X3R001	Da Gama	White Waters	3	M		13.526	9.971	83.0	74.9	73.7
	X3R002	Inyaka	Marite	3	M		123.66	79.507	76.2	63.8	64.3
	<b>Subtotal</b>						<b>1067.27</b>	<b>848.64</b>	<b>74.8</b>	<b>79.4</b>	<b>79.5</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>2019-03-18</b>
	32320.8	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	1121.8	64.8	60.9	62.1
FS Free State	15945.3	11769.9	72.2	70.8	73.8
G Gauteng	128.1	124.6	91.4	97.5	97.3
KN Kwazulu-Natal	4801.8	2949.3	59.6	60.4	61.4
L Lesotho	2362.6	723.6	43.0	29.7	30.6
LP Limpopo	1522.3	1013.7	67.1	67.0	66.6
M Mpumalanga	2538.6	1886.9	77.2	74.2	74.3
NC Northern Cape	147.3	97.6	75.5	60.2	66.3
NW North West	868.1	527.5	66.1	61.5	60.8
S Swaziland	333.8	332.5	83.5	100.2	99.6
WCo Western Cape - Other rainfall	268.9	67.6	25.6	21.4	25.1
WCw Western Cape - Winter rainfall	1596.8	677.4	17.9	43.0	42.4
WC Western Cape - Total	1865.7	745	19.0	39.9	39.9
<b>GRAND TOTAL</b>	32320.8	21292.3	64.9	64.1	65.9

<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	908.2	71.7	70.6	70.0
2 Olifants	1857.5	1198.9	65.7	65.0	64.5
3 Inkomati-Usuthu	1397.8	1051.8	76.1	75.1	75.2
4 Pongola-Mtamvuna	4801.8	2949.3	59.6	60.4	61.4
5 Vaal Major	7597.5	5696.5	83.2	74.8	75.0
6 Orange	9007.8	6574.1	64.1	67.8	73.0
7 Mzimvubu-Tsitsikamma	1802.4	1115.6	64.6	60.7	61.9
8 Breede-Gouritz	1318.1	433.2	14.6	32.4	32.9
9 Berg-Olifants	544.0	308.6	29.4	57.8	56.7
10 Lesotho	2362.6	723.6	43.0	29.7	30.6
11 Swaziland	333.8	332.5	83.5	100.2	99.6
<b>GRAND TOTAL</b>	32320.8	21292.3	64.9	64.1	65.9

**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	134.6	25.2	46.4	47.8
AM Amathole	240.9	153.4	87.6	64.2	63.7
BF Bloemfontein	219.4	121.0	39.2	54.2	55.1
CT Cape Town	889.3	458.7	22.3	51.6	51.6
CW Crocodile West	444.0	397.3	81.6	90.6	89.5
IV IVRS	10553.6	7186.6	77.2	67.8	68.1
KP Klipplaat	57.1	31.9	68.2	56.6	55.8
LV Luvuvhu	224.8	220.0	98.7	98.0	97.9
PK Polokwane	254.3	191.2	52.0	75.7	75.2
UM Umgeni	923.4	624.3	67.8	66.2	67.6

## 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 %.