



# Department of Water and Sanitation

## Weekly State of the Reservoirs on

2019-09-09

### 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
CE	Crocodile East
CT	Cape Town
CW	Crocodile West
IV	IVRS
KP	Klipplaat
LV	Luvuvhu
OR	Orange
PK	Polokwane
UM	Umgeni

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	2019-09-09 %Full
<b>A</b>											
A1	A1R001	Ngotwane	Ngotwane	1	NW		19.033	10.783	60.9	56.9	56.7
A2	A2R001	Hartbeespoort	Krokodil	1	NW	CW	185.79	180.89	94.0	98.5	97.4
	A2R002	Bon Accord	Apies	1	G		4.381	# 4.459	# 101.5	# 101.8	# 101.8
	A2R003	Olifantsnek	Hex	1	NW		13.677	2.138	36.9	16.0	15.6
	A2R004	Rietvlei	Hennops	1	G	CW	12.250	10.570	# 93.4	86.0	86.3
	A2R005	Buffelspoort	Sterkstroom	1	NW		10.183	8.496	96.5	84.5	83.4
	A2R006	Bospoort	Hex	1	NW	CW	15.799	13.079	94.3	91.3	82.8
	A2R007	Lindleyspoort	Elands	1	NW		14.208	1.604	27.7	11.4	11.3
	A2R008	-Warmbad	Buffelspruit	1	LP		0.549	0.373	57.8	78.2	68.0
	A2R009	Roodeplaat	Pienaars	1	G	CW	41.158	39.374	100.0	96.2	95.7
	A2R011	Koster	Koster	1	NW		12.417	5.313	64.7	43.4	42.8
	A2R012	Klipvoor	Pienaars	1	NW	CW	40.735	38.003	93.9	96.2	93.3
	A2R013	Swartruggens	Elands	1	NW		0.475	0.204	41.5	50.9	42.9
	A2R014	Vaalkop	Elands	1	NW	CW	51.315	22.826	# 30.5	44.5	44.5
	A2R015	Roodekopjes	Krokodil	1	NW	CW	96.345	75.279	85.6	83.4	78.1
	A2R018	Middelkraal	Maretlwane	1	NW		0.736	0.316	78.2	44.3	42.9
A3	A3R001	Marico-Bosveld	Groot-Marico	1	NW		26.932	3.705	50.6	13.8	13.8
	A3R002	Klein Maricopoort	Klein-Marico	1	NW		7.230	0.794	33.3	11.8	11.0
	A3R003	Kromellenboog	Klein-Marico	1	NW		8.652	1.267	20.0	14.9	14.6
	A3R004	Molatedi	Groot-Marico	1	NW		200.79	35.817	31.8	18.2	17.8
	A3R005	Sehujwane	Sehujane	1	NW		3.614	3.157	80.1	87.7	87.4
	A3R006	Madikwe	Tholwane	1	NW		15.938	8.356	46.2	53.0	52.4
	A3R007	Pella	Lethlakane	1	NW		2.111	0.790	73.9	37.7	37.4
A4	A4R001	Mokolo	Mokolo	1	LP		145.77	94.198	79.1	65.4	64.6
A6	A6R001	Doorndraai	Sterk	1	LP		43.764	5.120	33.6	12.0	11.7
	A6R002	Glen Alpine	Mogalakwena	1	LP		18.889	0.848	10.7	4.7	4.5
A7	A7R002	Houtrivier	Hout	1	LP		6.625	2.715	40.1	41.7	41.0
A8	A8R001	Nzhelele	Nzhelele	1	LP		51.234	31.355	71.4	62.3	61.2
	A8R002	Luphephe	Luphephe	1	LP		13.984	6.581	79.7	48.7	47.1
	A8R003	Nwanedzi	Nwanedzi	1	LP		5.144	2.893	77.1	61.0	56.2
	A8R004	&&& Mutshedzi	Mutshedzi	1	LP		2.336	2.097	94.2	90.8	89.8
A9	A9R001	Albasini	Luvuvhu	1	LP	LV	28.199	19.068	83.2	68.1	67.6
	A9R002	Vondo	Mutshindudi	1	LP	LV	30.447	26.617	95.6	88.2	87.4
	A9R004	Nandoni	Levhuvhu	1	LP	LV	166.11	153.04	103.0	92.8	92.1
	<b>Subtotal</b>						<b>1296.82</b>	<b>812.13</b>	<b>71.6</b>	<b>63.8</b>	<b>62.6</b>
<b>B</b>											
B1	B1R001	Witbank	Olifants	2	M		104.02	85.780	97.4	82.6	82.5
	B1R002	Middelburg	Little Olifants	2	M		48.056	39.993	94.9	# 86.0	83.2
B2	B2R001	Bronkhorstspuit	Bronkhorstspuit	2	G		56.994	46.917	99.0	83.0	82.3
B3	B3R001	Rust De Winter	Elands	2	LP		28.186	13.511	98.5	48.3	47.9
	B3R002	Loskop	Olifants	2	M		361.51	292.99	95.1	82.3	81.0
	B3R005	Rhenosterkop	Elands	2	M		204.58	2.383	5.5	1.3	1.2
B4	B4R001	Tonteldoos	Tonteldoos	2	LP		0.189	0.165	99.9	100.3	87.4
	B4R002	Vlugkraal	Vlugkraal	2	LP		0.443	0.385	92.9	87.9	86.9
	B4R004	Buffelskloof	Waterval	2	M		5.244	4.120	73.0	81.2	78.6
	B4R007	De Hoop	Steelpoort	2	LP		348.70	281.81	86.2	81.5	80.8
B5	B5R002	Flag Boshielo	Olifants	2	LP	PK	185.13	108.23	88.7	59.4	58.5
B6	B6R001	Ohrigstad	Ohrigstad	2	M		13.448	2.476	25.4	17.5	18.4
	B6R003	Blyderivierpoort	Blyde	2	M		54.369	40.944	77.0	77.6	75.3
B7	B7R001	Klaserie	Klaserie	2	LP		5.604	4.558	73.2	# 84.6	81.3
	B7R003	Tours	Ngwabitsi	2	LP		6.084	1.964	37.4	33.1	32.3
B8	B8R001	Ebenezer	Groot-Letaba	2	LP	PK	69.139	33.711	80.1	50.4	48.8
	B8R002	Hans Merensky	Ramadiepa	2	LP		1.225	0.787	100.7	68.0	64.2
	B8R003	Magoebaskloof	Politsi	2	LP		4.840	4.813	100.0	99.2	99.5
	B8R004	Vergelegen	Politsi Tributary	2	LP		0.254	0.188	88.1	72.1	74.3
	B8R005	Tzaneen	Groot-Letaba	2	LP		156.53	15.437	30.6	10.4	9.9
	B8R006	Dap Naude	Broederstroom	2	LP		1.936	1.743	96.7	90.5	90.0
	B8R007	Middel-Letaba	Middel-Letaba	2	LP		171.93	7.343	10.3	4.4	4.3
	B8R009	Nsami	Nsama	2	LP		21.874	7.435	37.1	35.1	34.0
	B8R011	Modjadji	Molototsi	2	LP		7.196	0.664	15.0	9.7	9.2
	<b>Subtotal</b>						<b>1857.48</b>	<b>998.35</b>	<b>67.1</b>	<b>54.5</b>	<b>53.7</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	2019-09-09 %Full
<b>C</b>											
C1	C1R001	Vaal	Vaal	5	FS	IV	2603.45	1510.35	91.9	59.3	58.0
	C1R002	Grootdraai	Vaal	5	M	IV	349.53	209.96	84.3	61.2	60.1
C2	C2R001	Boskop	Mooi	5	NW		21.026	21.177	98.6	101.3	100.7
	C2R002	Johan Neser	Skoonspruit	5	NW		5.672	4.959	6.8	87.4	87.4
	C2R003	Klerkskraal	Mooi	5	NW		7.922	7.737	96.7	99.5	97.7
	C2R004	Potchefstroom	Mooi	5	NW		2.027	# 1.794	89.8	88.5	# 88.5
	C2R005	Klipdrift	Loop Spruit	5	G		13.301	# 13.541	# 97.8	# 101.8	# 101.8
	C2R006	Elandskuil	Swartleege	5	NW		1.181	0.993	42.4	83.4	84.1
	C2R007	Rietspruit	Rietspruit	5	NW		7.275	4.243	23.5	59.9	58.3
	C2R008	Vaalrivier Barrage	Vaal	5	FS		53.616	52.413	96.2	95.3	97.8
C3	C3R002	Spitskop	Harts	5	NC		57.831	42.938	86.2	76.6	74.2
	C3R006	Taung	Harts	5	NW		61.366	58.649	89.3	95.4	95.6
C4	C4R001	Allemskraal	Sand	5	FS		174.52	150.84	49.8	87.4	86.4
	C4R002	Erfenis	Groot-Vet	5	FS		206.06	185.72	83.6	91.3	90.1
C5	C5R001	Tierpoort	Tierpoort	6	FS		33.995	6.390	8.7	19.1	18.8
	C5R002	Kalkfontein	Riet	6	FS		325.13	88.142	32.3	27.5	27.1
	C5R003	Rustfontein	Modder	6	FS	BF	72.109	20.258	36.1	27.6	28.1
	C5R004	Krugersdrift	Modder	6	FS		71.479	67.326	92.1	94.9	94.2
	C5R005	Groothoek	Kgabanyane	6	FS	BF	11.905	4.002	53.0	34.1	33.6
C7	C7R001	Koppies	Renoster	5	FS		42.311	37.222	85.8	88.9	88.0
C8	C8R003	~Sterkfontein	Nuwejaar Spruit	5	FS	IV	2616.90	2406.75	94.8	92.0	92.0
	C8R004	~Saulspoort	Liebenbergvlei	5	FS		15.675	15.788	98.8	100.2	100.7
	C8R008	Fika-Patso	Namahadi	5	FS		29.411	# 10.944	51.9	# 37.2	# 37.2
C9	C9R001	~Vaalharts Storage Weir	Vaal	5	NC		50.682	41.535	71.5	77.5	82.0
	C9R002	Bloemhof	Vaal	5	FS	IV	1242.91	1179.47	98.1	96.5	94.9
	C9R003	~Douglas Storage Weir	Vaal	6	NC		16.245	16.407	107.1	# 103.0	101.0
	<b>Subtotal</b>						<b>8093.53</b>	<b>6159.55</b>	<b>88.7</b>	<b>76.9</b>	<b>76.1</b>
<b>D</b>											
D1	D1R001	Sterkspruit	Sterkspruit	6	EC		9.473	8.621	99.7	91.8	91.0
	D1R002	*Katse	Malibamatso	10	L	IV	1519.10	257.09	53.1	18.0	16.9
	D1R003	Mohale	Sequnyane	10	L	IV	843.53	278.21	23.1	33.0	33.0
D2	D2R001	Egmont	Witspruit	6	FS		9.059	8.037	96.8	90.0	88.7
	D2R002	Armenia	Leeu	6	FS		13.218	11.322	97.1	87.9	85.7
	D2R004	~Welbedacht	Caledon	6	FS	BF	5.418	2.801	84.0	44.3	51.7
	D2R006	Knellpoort	Rietspruit	6	FS	BF	130.00	87.104	85.2	68.0	67.0
D3	D3R002	Gariiep	Orange	6	FS	OR	4903.45	4035.77	90.8	83.6	82.3
	D3R003	Vanderkloof	Orange	6	FS	OR	3092.36	2668.13	96.3	86.6	86.3
D4	D4R001	Leeubos	Swartbas	6	NC		0.995	# 0.000	0.0	0.0	# 0.0
	D4R003	Disaneng	Molopo	5	NW		14.125	4.742	52.9	33.9	33.6
	D4R004	Setumo	Molopo	5	NW		20.718	8.908	69.7	43.2	43.0
D7	D7R001	~Boegoeberg	Orange	6	NC		20.613	22.108	105.1	97.7	107.3
	<b>Subtotal</b>						<b>10582.06</b>	<b>7392.84</b>	<b>81.7</b>	<b>70.7</b>	<b>69.9</b>
<b>E</b>											
E1	E1R001	Bulshoek	Olifants	9	WCw		4.809	4.737	98.0	95.2	98.5
	E1R002	Clanwilliam	Olifants	9	WCw		122.48	125.30	98.0	99.4	102.3
E4	E4R001	Karee	Karee	9	NC		0.949	0.156	63.3	20.8	16.4
	<b>Subtotal</b>						<b>128.24</b>	<b>130.19</b>	<b>97.7</b>	<b>98.7</b>	<b>101.5</b>
<b>G</b>											
G1	G1R001	Voëlvlei	Voëlvlei	9	WCw	CT	158.59	139.18	80.3	87.9	87.8
	G1R002	Wemmershoek	Wemmers	9	WCw	CT	58.710	52.911	89.6	89.4	90.1
	G1R003	~Misverstand	Berg	9	WCw		5.678	6.171	119.4	112.3	108.7
	G1R004	Berg River	Berg	9	WCw	CT	127.05	125.48	98.1	99.3	98.8
G4	G4R001	~Steenbras	Steenbras	9	WCw	CT	33.880	33.771	89.3	102.0	99.7
	G4R002	Eikenhof	Palmiet	8	WCw		28.856	29.231	102.3	102.3	101.3
	G4R007	~Steenbrasdam-Upper	Steenbras	9	WCw	CT	31.811	27.846	98.4	92.3	87.5
	G4R010	De Bos	Onrus	8	WCw		5.735	2.453	57.9	43.0	42.8
	<b>Subtotal</b>						<b>450.31</b>	<b>417.04</b>	<b>90.1</b>	<b>93.4</b>	<b>92.6</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	2019-09-09 %Full
<b>H</b>											
H1	H1R001	Brandvlei	Brandvlei	8	WCw		286.04	149.79	51.8	51.4	52.4
	H1R002	Stettynskloof	Holsloot	8	WCw		14.747	14.731	101.9	100.8	99.9
	H1R003	Ceres	Koekedou	8	WCw		17.250	14.570	89.8	84.5	84.5
H2	H2R001	Roode Elsberg	Sanddrifskloof	8	WCw		7.727	6.189	100.1	78.8	80.1
	H2R002	Lakenvallei	Sanddrifskloof	8	WCw		10.443	7.273	67.9	69.7	69.6
H3	H3R001	Poortjies Kloof	Groot	8	WCw		9.720	0.019	10.0	0.2	0.2
	H3R002	Pietersfontein	Pietersfontein	8	WCw		1.917	0.629	39.3	33.6	32.8
H4	H4R002	Keerom	Nuy	8	WCw		9.750	1.611	29.3	15.2	16.5
	H4R003	Klipberg	Konings	8	WCw		1.939	0.000	0.2	0.0	0.0
	H4R004	Kwaggaskloof	Kwaggaskloof	8	WCw		169.41	86.919	50.3	50.3	51.3
H6	H6R001	Thee Waters Kloof	Riviersonderend	8	WCw	CT	479.26	343.91	50.7	71.8	71.8
	H6R002	Elandskloof	Elands	8	WCw		10.993	10.754	100.7	95.9	97.8
H7	H7R001	Buffelsjags	Buffelsjags	8	WCo		4.543	3.955	104.4	91.1	87.1
H8	H8R001	Duiwenhoks	Duiwenhoks	8	WCo		6.180	4.388	65.8	74.2	71.0
H9	H9R001	Korentepoort	Korinte	8	WCo		8.092	4.583	37.0	58.6	56.6
	<b>Subtotal</b>						<b>1038.01</b>	<b>649.32</b>	<b>52.9</b>	<b>62.2</b>	<b>62.6</b>
<b>J</b>											
J1	J1R001	Prinsrivier	Prins	8	WCo		2.258	0.211	9.8	9.2	9.3
	J1R002	Bellair	Brak	8	WCo		4.241	0.485	15.3	11.4	11.4
	J1R003	Floris Kraal	Buffels	8	WCo		48.266	7.275	6.3	15.3	15.1
	J1R004	Miertjies Kraal	Brand	8	WCo		1.442	0.002	7.0	0.1	0.1
J2	J2R001	Calitzdorp	Nels	8	WCo		4.817	0.686	9.9	14.1	14.2
	J2R002	Leeugamka	Leeu	8	WCo		13.584	0.016	2.3	0.1	0.1
	J2R003	Oukloof	Cordiers	8	WCo		4.190	0.155	0.7	3.8	3.7
	J2R004	Gamka	Gamka	8	WCo		1.733	0.637	0.0	37.5	36.8
	J2R006	Gamkapoort	Gamka	8	WCo		35.717	2.197	0.0	8.7	6.2
J3	J3R001	Kammanassie	Kammanassie	8	WCo		34.354	0.705	3.5	2.1	2.1
	J3R002	Stompdrift	Olifants	8	WCo		46.267	3.475	5.7	7.6	7.5
	<b>Subtotal</b>						<b>196.87</b>	<b>15.84</b>	<b>4.41</b>	<b>8.61</b>	<b>8.05</b>
<b>K</b>											
K1	K1R001	Hartebeestkuil	Hartenbos	8	WCo		7.133	0.168	4.9	2.4	2.4
	K1R002	Klipheuwel	Hartenbos	8	WCo		4.450	2.381	68.2	55.2	53.5
K2	K2R001	Ernest Robertson	Grootbrak	8	WCo		0.415	0.311	88.1	76.9	74.9
	K2R002	Wolwedans	Grootbrak	8	WCo		24.626	13.882	78.1	57.4	56.4
K3	K3R002	Garden Route	Swart	8	WCo		9.979	6.561	70.1	67.0	65.7
K6	K6R001	Roodefontein	Piesang	8	WCo		1.990	1.701	104.6	85.6	85.5
K9	K9R001	Kromrivier	Krom	7	EC	AL	35.240	32.629	70.6	93.4	92.6
	K9R002	Impofu	Krom	7	EC	AL	105.76	20.354	29.3	19.7	19.2
	<b>Subtotal</b>						<b>189.59</b>	<b>77.99</b>	<b>46.4</b>	<b>41.8</b>	<b>41.1</b>
<b>L</b>											
L3	L3R001	~Beervlei	Groot	7	EC		88.096	0.011	0.0	0.0	0.0
L8	L8R001	Kouga	Kouga	7	EC	AL	125.91	51.436	15.1	41.6	40.9
	L8R002	Haarlem	Groot	7	WCo		4.603	2.914	67.2	64.2	63.3
L9	L9R001	~Loerie	Loerie Spruit	7	EC	AL	3.026	1.547	104.1	51.6	51.1
	<b>Subtotal</b>						<b>221.63</b>	<b>55.91</b>	<b>11.5</b>	<b>25.7</b>	<b>25.2</b>
<b>M</b>											
M1	M1R001	Groendal	Swartkops	7	EC	AL	11.638	5.722	43.6	49.6	49.2
	<b>Subtotal</b>						<b>11.64</b>	<b>5.722</b>	<b>43.6</b>	<b>49.6</b>	<b>49.2</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	2019-09-09 %Full
<b>N</b>											
N1	N1R001	Nqweba (Van Ryneveldspas)	Sondags	7	EC		44.718	0.385	8.8	0.8	0.9
N2	N2R001	Darlington	Sondags	7	EC		179.84	66.031	38.1	35.9	36.7
	<b>Subtotal</b>						<b>224.56</b>	<b>66.42</b>	<b>32.3</b>	<b>29.0</b>	<b>29.6</b>
<b>P</b>											
P1	P1R003	Nuwejaars	Nuwejaarspruit	7	EC		4.556	0.669	# 31.0	14.9	14.7
	<b>Subtotal</b>						<b>4.556</b>	<b>0.669</b>	<b>31.0</b>	<b>14.9</b>	<b>14.7</b>
<b>Q</b>											
Q1	Q1R001	~Grassridge	Groot Brak	7	EC		44.487	25.549	46.8	60.4	57.4
Q4	Q4R001	Lake Arthur	Tarka	7	EC		10.332	0.849	35.8	8.5	8.2
	Q4R002	Kommando drift	Tarka	7	EC		55.870	1.899	23.3	0.9	3.4
Q5	Q5L001	~Elands Drift	Great Fish	7	EC		3.546	2.080	72.3	87.6	58.7
Q8	Q8R001	~De Mist Kraal	Little Fish	7	EC		2.053	1.783	90.7	82.5	86.8
Q9	Q9L001	Glen Melville	Water from Fish river via Eccca tunnel	7	EC		6.229	4.745	61.4	80.4	76.2
	Q9R001	Katrivier	Kat	7	EC		24.839	14.226	97.5	58.2	57.3
	<b>Subtotal</b>						<b>147.36</b>	<b>51.13</b>	<b>47.5</b>	<b>35.6</b>	<b>34.7</b>
<b>R</b>											
R1	R1R001	Sandile	Keiskamma	7	EC		29.656	11.541	87.9	40.1	38.9
	R1R003	Binfield	Tyume	7	EC		36.849	23.090	97.4	63.0	62.7
R2	R2L001	Debe	Debe	7	EC		6.331	1.381	37.1	21.9	21.8
	R2R001	Laing	Buffalo	7	EC	AM	18.904	19.027	100.2	100.7	100.7
	R2R002	Rooikrantz	Buffalo	7	EC	AM	4.799	2.186	79.1	47.0	45.6
	R2R003	Bridle Drift	Buffalo	7	EC	AM	97.923	41.679	61.5	42.7	42.6
R3	R3R001	Nahoon	Nahoon	7	EC	AM	19.257	12.489	69.8	66.8	64.9
	<b>Subtotal</b>						<b>213.72</b>	<b>111.39</b>	<b>75.2</b>	<b>52.6</b>	<b>52.1</b>
<b>S</b>											
S1	S1L001	Macubeni	Cacadu	7	EC		3.373	2.656	96.2	80.1	78.8
	S1R001	Xonxa	White Kei	7	EC		115.86	108.65	99.3	94.0	93.8
S2	S2R001	Lubisi	Indwe	7	EC		113.52	51.962	53.7	46.3	45.8
	S2R002	Doornrivier	Doorn	7	EC		17.099	11.961	91.3	70.5	70.0
S3	S3L001	Boesmanskranz	Oxkraal	7	EC	KP	4.818	2.007	30.4	42.1	41.7
	S3R001	Waterdown	Klipplaat	7	EC	KP	37.441	11.355	82.0	31.3	30.3
	S3R002	Bonkolo	Bonkolo	7	EC		6.943	0.000	0.0	0.0	0.0
	S3R003	Oxkraal	Oskraal	7	EC	KP	14.829	8.508	59.5	69.8	57.4
S5	S5R001	Ncora	Tsomo	7	EC		147.28	127.94	92.7	88.1	86.9
	S5R002	Tsojana	Tsojana	7	EC		12.272	11.372	97.8	93.2	92.7
S6	S6R001	Gubu	Gubu	7	EC	AM	8.504	6.137	96.1	73.2	72.2
	S6R002	Wriggleswade	Kubisi	7	EC	AM	91.471	46.413	98.4	51.9	50.7
S7	S7R001	Gcuwa	Gcuwa	7	EC		0.421	0.313	95.9	87.8	74.5
	S7R002	Xilinxa	Xilinca	7	EC		13.823	0.549	46.4	4.1	4.0
	S7R003	Toleni	Toleni	7	EC		0.177	0.005	47.6	9.8	3.0
	<b>Subtotal</b>						<b>587.83</b>	<b>389.83</b>	<b>83.3</b>	<b>67.4</b>	<b>66.3</b>
<b>T</b>											
T2	T2R001	Umtata	Mtata	7	EC		244.67	237.53	98.8	97.4	97.1
	T2R002	Mabeleni	Mhlahlane	7	EC		2.099	2.099	99.9	100.0	100.0
	T2R003	Corona	Corana	7	EC		0.725	0.623	88.2	86.5	85.9
T3	T3R001	Belfort	Mafube	7	EC		0.413	# 0.413	100.0	# 100.0	# 100.0
	T3R003	Ntenetyana	Ntenetyana	7	EC		1.615	1.344	83.5	84.4	83.3
	T3R004	Nqadu	Nqadu	7	EC		1.274	0.937	58.3	74.1	73.6
T7	T7R001	Mlanga	Mlanga	7	EC		1.597	0.989	56.9	63.7	61.9
	<b>Subtotal</b>						<b>252.39</b>	<b>243.94</b>	<b>98.2</b>	<b>97.0</b>	<b>96.6</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	2019-09-09 %Full
<b>U</b>											
U2	U2R001	Midmar	Mgeni	4	KN	UM	235.42	225.84	95.0	96.2	95.9
	U2R002	Nagle	Mgeni	4	KN	UM	23.236	19.930	70.0	83.9	85.8
	U2R003	Albert-Falls	Mgeni	4	KN	UM	288.14	113.22	48.0	40.2	39.3
	U2R004	Inanda	Mgeni	4	KN	UM	237.40	159.55	67.7	67.9	67.2
U3	U3R001	Hazelmere	Mdloti	4	KN		37.133	15.610	68.3	42.6	42.0
	<b>Subtotal</b>						<b>821.33</b>	<b>534.15</b>	<b>68.7</b>	<b>65.6</b>	<b>65.0</b>
<b>V</b>											
V1	V1R001	Spioenkop	Tugela	4	KN		270.64	234.77	88.7	87.8	86.7
	V1R002	~Driel Barrage	Tugela	4	KN		8.694	8.178	91.5	100.0	94.1
	V1R003	~Woodstock	Tugela	4	KN	IV	355.42	321.10	94.1	90.8	90.3
V2	V2R001	Craigie Burn	Mnyamvubu	4	KN		22.466	15.099	91.1	69.3	67.2
	V2R002	Mearns	Mooi	4	KN		5.163	3.293	57.8	66.0	63.8
	V2R003	Spring Grove	Mooi	4	KN	UM	139.20	89.526	83.8	66.3	64.3
V3	V3R001	Ntshingwayo	Ngagane	4	KN		194.56	143.05	81.5	74.2	73.5
	V3R003	Zaaihoek	Slang	4	KN	IV	184.26	127.88	90.6	69.4	69.4
V7	V7R001	Wagendrift	Boesmans	4	KN		55.900	54.358	99.5	97.6	97.2
	<b>Subtotal</b>						<b>1236.30</b>	<b>997.25</b>	<b>89.3</b>	<b>81.5</b>	<b>80.7</b>
<b>W</b>											
W1	W1R001	Goedertrouw	Mhlatuze	4	KN		301.26	130.76	47.6	43.7	43.4
W2	W2R001	Klipfontein	Wit Mfolozi	4	KN		18.086	14.379	85.4	81.8	79.5
W3	W3R001	Hluhluwe	Hluhluwe	4	KN		25.893	19.573	92.8	76.3	75.6
W4	W4R001	Pongolapoort	Phongolo	4	KN		2267.07	986.30	43.6	43.7	43.5
	W4R002	Bivane	Bivane	4	KN		114.04	79.270	81.8	76.1	69.5
W5	W5R001	Jericho	Mpama	3	M	IV	59.273	39.183	73.7	64.1	66.1
	W5R002	Westoe	Usutu	3	M	IV	60.095	36.356	50.7	61.6	60.5
	W5R003	Morgenstond	Ngwempisi	3	M	IV	99.988	39.434	79.0	41.1	39.4
	W5R004	Heyshope	Assegai	3	M	IV	444.94	358.19	86.9	80.9	80.5
	<b>Subtotal</b>						<b>3390.65</b>	<b>1703.44</b>	<b>53.2</b>	<b>50.8</b>	<b>50.2</b>
<b>X</b>											
X1	X1R001	Nooigedacht	Komati	3	M	IV	78.343	64.764	89.9	83.6	82.7
	X1R003	Vygeboom	Komati	3	M	IV	78.020	73.929	91.3	94.2	94.8
	X1R004	Driekoppies	Lomati	3	M		250.92	# 177.26	67.6	70.6	# 70.6
	X1R005	Maguga	Komati	11	S		333.75	# 273.07	88.7	81.8	# 81.8
X2	X2R001	Longmere	Wit	3	M		4.202	2.920	66.1	64.5	69.5
	X2R002	Klipkopjes	Wit	3	M		11.777	3.723	68.1	33.6	31.6
	X2R003	Witklip	Sand	3	M		12.519	10.163	89.4	82.0	81.2
	X2R004	Primkop	Wit	3	M		1.899	0.228	70.7	12.0	12.0
	X2R005	Kwena	Krokodil	3	M	CE	158.65	73.003	68.4	47.4	46.0
X3	X3R001	Da Gama	White Waters	3	M		13.526	8.359	74.7	64.0	61.8
	X3R002	Inyaka	Marite	3	M		123.66	70.712	70.9	58.2	57.2
	<b>Subtotal</b>						<b>1067.27</b>	<b>758.13</b>	<b>78.4</b>	<b>71.4</b>	<b>71.0</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>2019-09-09</b>
	32302.4	32012.1	32012.1

<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	1809.6	983.7	62.8	54.9	54.4
FS Free State	15653.0	12548.8	91.0	81.0	80.2
G Gauteng	128.1	114.9	98.8	90.1	89.7
KN Kwazulu-Natal	4784.0	2761.7	61.3	58.3	57.7
L Lesotho	2362.6	535.3	42.4	23.4	22.7
LP Limpopo	1522.3	827.6	69.0	55.1	54.4
M Mpumalanga	2538.6	1636.9	75.9	65.2	64.5
NC Northern Cape	147.3	123.1	85.4	81.9	83.6
NW North West	867.3	526.0	65.5	61.9	60.7
S Swaziland	333.8	273.1	88.7	81.8	81.8
WCo Western Cape - Other rainfall	268.9	56.7	20.7	21.9	21.1
WCw Western Cape - Winter rainfall	1596.8	1183.5	66.9	73.8	74.1
WC Western Cape - Total	1865.7	1240.2	60.2	66.3	66.5
<b>GRAND TOTAL</b>	32012.1	21571.2	76.8	68.1	67.4

<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	1296.8	812.1	71.6	63.8	62.6
2 Olifants	1857.5	998.3	67.1	54.5	53.7
3 Inkomati-Usuthu	1397.8	958.2	77.3	69.1	68.6
4 Pongola-Mtamvuna	4784.0	2761.7	61.3	58.3	57.7
5 Vaal Major	7597.5	5970.7	91.8	79.4	78.6
6 Orange	8715.4	7046.4	89.8	81.7	80.8
7 Mzimvubu-Tsitsikamma	1804.7	978.0	62.6	54.7	54.2
8 Breede-Gouritz	1318.1	721.9	47.2	54.6	54.8
9 Berg-Olifants	544.0	515.6	91.6	94.7	94.8
10 Lesotho	2362.6	535.3	42.4	23.4	22.7
11 Swaziland	333.8	273.1	88.7	81.8	81.8
<b>GRAND TOTAL</b>	32012.1	21571.2	76.8	68.1	67.4

**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.

<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	111.7	29.5	40.3	39.7
AM Amathole	240.9	127.9	80.8	53.8	53.1
BF Bloemfontein	219.4	114.2	67.3	52.3	52.0
CE Crocodile East	158.7	73.0	68.4	47.4	46.0
CT Cape Town	889.3	723.1	68.5	81.6	81.3
CW Crocodile West	443.4	380.0	85.4	87.9	85.7
IV IVRS	10535.8	6902.7	81.4	66.3	65.5
KP Klipplaat	57.1	21.9	71.8	42.2	38.3
LV Luvuvhu	224.8	198.7	99.5	89.1	88.4
OR Orange	7995.8	6703.9	92.9	84.8	83.8
PK Polokwane	254.3	141.9	86.4	57.0	55.8
UM Umgeni	923.4	608.1	71.0	66.6	65.9

## 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 %.