



# Department of Water and Sanitation

## Weekly State of the Reservoirs on

2018-09-10

### 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	2018-09-10 %Full
<b>A</b>											
A1	A1R001	Ngotwane	Ngotwane	1	NW		19.033	11.579	80.9	61.4	60.8
A2	A2R001	Hartbeespoort	Krokodil	1	NW	CW	186.44	175.11	97.7	94.3	93.9
	A2R002	Bon Accord	Apies	1	G		4.381	4.433	103.6	# 103.6	101.2
	A2R003	Olifantsnek	Hex	1	NW		13.677	# 5.602	61.7	# 41.0	# 41.0
	A2R004	Rietvlei	Hennops	1	G	CW	12.250	# 11.443	99.1	# 93.4	# 93.4
	A2R005	Buffelspoort	Sterkstroom	1	NW		10.183	9.808	98.6	97.6	96.3
	A2R006	Bospoort	Hex	1	NW	CW	15.799	15.384	100.9	97.8	97.4
	A2R007	Lindleyspoort	Elands	1	NW		14.208	3.930	81.0	28.7	27.7
	A2R008	-Warmbad	Buffelspruit	1	LP		0.549	# 0.360	83.3	65.5	# 65.5
	A2R009	Roodeplaat	Pienaars	1	G	CW	41.158	41.158	97.5	100.2	100.0
	A2R011	Koster	Koster	1	NW		12.417	8.004	93.0	65.2	64.5
	A2R012	Klipvoor	Pienaars	1	NW	CW	40.735	37.787	98.9	100.7	92.8
	A2R013	Swartruggens	Elands	1	NW		0.475	0.195	100.8	44.4	41.0
	A2R014	Vaalkop	Elands	1	NW	CW	51.315	# 15.650	69.9	# 30.5	# 30.5
	A2R015	Roodekopjes	Krokodil	1	NW	CW	96.345	82.105	87.1	87.6	85.2
	A2R018	Middelkraal	Maretlwane	1	NW		0.736	0.572	94.8	80.5	77.8
A3	A3R001	Marico-Bosveld	Groot-Marico	1	NW		26.963	14.237	89.9	55.1	52.8
	A3R002	Klein Maricopoort	Klein-Marico	1	NW		7.073	2.271	64.5	33.2	32.1
	A3R003	Kromellenboog	Klein-Marico	1	NW		8.956	1.914	73.2	24.3	21.4
	A3R004	Molatedi	Groot-Marico	1	NW		200.79	63.459	52.6	32.5	31.6
	A3R005	Sehujwane	Sehujane	1	NW		3.614	2.887	74.4	81.0	79.9
	A3R006	Madikwe	Tholwane	1	NW		15.938	7.355	82.8	46.5	46.1
	A3R007	Pella	Lethlakane	1	NW		2.111	1.566	66.3	75.0	73.7
A4	A4R001	Mokolo	Mokolo	1	LP		145.77	115.23	94.5	79.8	79.0
A6	A6R001	Doorndraai	Sterk	1	LP		43.764	14.631	56.7	34.1	33.4
	A6R002	Glen Alpine	Mogalakwena	1	LP		18.889	2.009	57.1	10.9	10.6
A7	A7R002	Houtrivier	Hout	1	LP		6.625	2.643	45.4	40.5	39.9
A8	A8R001	Nzhelele	Nzhelele	1	LP		51.234	36.565	57.3	72.3	71.4
	A8R002	Luphephe	Luphephe	1	LP		13.984	11.071	71.1	80.3	79.2
	A8R003	Nwanedzi	Nwanedzi	1	LP		5.144	3.951	75.4	77.8	76.8
	A8R004	&&& Mutshedzi	Mutshedzi	1	LP		2.336	2.343	92.4	100.5	100.3
A9	A9R001	Albasini	Luvuvhu	1	LP	LV	28.199	23.384	81.7	83.4	82.9
	A9R002	Vondo	Mutshindudi	1	LP	LV	30.447	28.809	93.9	96.1	94.6
	A9R004	Nandoni	Levhuvhu	1	LP	LV	166.11	164.46	99.0	99.4	99.0
	<b>Subtotal</b>						<b>1297.65</b>	<b>921.89</b>	<b>82.4</b>	<b>72.1</b>	<b>71.0</b>
<b>B</b>											
B1	B1R001	Witbank	Olifants	2	M		104.02	101.05	98.9	97.8	97.1
	B1R002	Middelburg	Little Olifants	2	M		48.056	45.572	64.6	95.8	94.8
B2	B2R001	Bronkhorstspuit	Bronkhorstspuit	2	G		56.994	56.478	77.2	99.5	99.1
B3	B3R001	Rust De Winter	Elands	2	LP		28.186	27.793	89.3	99.1	98.6
	B3R002	Loskop	Olifants	2	M		361.51	343.04	95.5	96.1	94.9
	B3R005	Rhenosterkop	Elands	2	M		204.58	11.133	16.0	5.6	5.4
B4	B4R001	Tonteldoos	Tonteldoos	2	LP		0.189	0.190	100.2	100.3	100.3
	B4R002	Vlugkraal	Vlugkraal	2	LP		0.443	0.410	96.8	93.3	92.5
	B4R004	Buffelskloof	Waterval	2	M		5.244	3.799	97.4	75.9	72.4
	B4R007	De Hoop	Steelpoort	2	LP		348.70	300.21	97.7	86.4	86.1
B5	B5R002	Flag Boshielo	Olifants	2	LP	PK	185.13	163.60	43.9	87.7	88.4
B6	B6R001	Ohrigstad	Ohrigstad	2	M		13.448	3.308	72.1	28.0	24.6
	B6R003	Blyderivierpoort	Blyde	2	M		54.369	41.605	93.7	79.5	76.5
B7	B7R001	Klaserie	Klaserie	2	LP		5.604	4.081	96.8	74.8	72.8
	B7R003	Tours	Ngwabitsi	2	LP		6.084	2.272	85.8	38.6	37.3
B8	B8R001	Ebenezer	Groot-Letaba	2	LP	PK	69.139	55.226	97.7	80.8	79.9
	B8R002	Hans Merensky	Ramadiepa	2	LP		1.225	1.239	100.5	101.2	101.2
	B8R003	Magoebaskloof	Politsi	2	LP		4.840	4.835	100.0	100.3	99.9
	B8R004	Vergelegen	Politsi Tributary	2	LP		0.254	0.218	100.0	77.1	86.2
	B8R005	Tzaneen	Groot-Letaba	2	LP		156.53	48.701	52.7	32.1	31.1
	B8R006	Dap Naude	Broederstroom	2	LP		1.936	1.870	90.5	97.6	96.6
	B8R007	Middel-Letaba	Middel-Letaba	2	LP		171.93	17.558	19.7	10.5	10.2
	B8R009	Nsami	Nsama	2	LP		21.874	7.991	69.3	37.7	36.5
	B8R011	Modjadji	Molototsi	2	LP		7.196	0.937	# 51.9	13.5	13.0
	<b>Subtotal</b>						<b>1857.48</b>	<b>1243.12</b>	<b>69.5</b>	<b>67.5</b>	<b>66.9</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	2018-09-10 %Full
<b>C</b>											
C1	C1R001	Vaal	Vaal	5	FS	IV	2603.45	2395.16	87.9	92.8	92.0
	C1R002	Grootdraai	Vaal	5	M	IV	349.53	293.17	79.7	84.7	83.9
C2	C2R001	Boskop	Mooi	5	NW		21.026	21.063	101.3	100.2	100.2
	C2R002	Johan Nesper	Skoonspruit	5	NW		5.672	0.383	78.5	6.8	6.8
	C2R003	Klerkskraal	Mooi	5	NW		7.922	7.627	100.9	97.2	96.3
	C2R004	Potchefstroom	Mooi	5	NW		2.027	1.847	# 100.4	93.4	91.1
	C2R005	Klipdrift	Loop Spruit	5	NW		13.301	12.978	98.4	# 99.3	97.6
	C2R006	Elandskuil	Swartleege	5	NW		1.181	0.499	65.0	44.3	42.2
	C2R007	Rietspruit	Rietspruit	5	NW		7.275	1.727	86.7	22.7	23.7
	C2R008	Vaalrivier Barrage	Vaal	5	FS		53.616	51.507	***	97.0	96.1
C3	C3R002	Spitskop	Harts	5	NC		57.831	49.820	88.3	87.8	86.1
	C3R006	Taung	Harts	5	NW		61.366	54.265	95.2	88.7	88.4
C4	C4R001	Allemskraal	Sand	5	FS		174.52	88.235	43.6	51.3	50.6
	C4R002	Erfenis	Groot-Vet	5	FS		206.06	172.23	66.0	84.9	83.6
C5	C5R001	Tierpoort	Tierpoort	6	FS		33.995	2.952	4.0	9.0	8.7
	C5R002	Kalkfontein	Riet	6	FS		325.13	105.10	12.3	32.6	32.3
	C5R003	Rustfontein	Modder	6	FS	BF	72.109	26.128	32.4	35.7	36.2
	C5R004	Krugersdrift	Modder	6	FS		71.479	63.063	41.4	97.7	88.2
	C5R005	Groothoek	Kgabanyane	6	FS	BF	11.905	4.550	16.1	53.4	38.2
C7	C7R001	Koppies	Renoster	5	FS		42.311	36.053	85.2	86.1	85.2
C8	C8R003	~Sterkfontein	Nuwejaar Spruit	5	FS	IV	2616.90	2483.60	92.5	95.0	94.9
	C8R004	~Saulspoort	Liebenbergvlei	5	FS		15.675	15.569	107.4	99.3	99.3
	C8R008	Fika-Patso	Namahadi	5	FS		29.411	# 15.524	46.7	52.8	# 52.8
C9	C9R001	~Vaalharts Storage Weir	Vaal	5	NC		50.682	35.771	82.0	83.0	70.6
	C9R002	Bloemhof	Vaal	5	FS	IV	1242.91	1199.96	95.1	99.0	96.5
	C9R003	~Douglas Storage Weir	Vaal	6	NC		16.245	17.355	102.7	105.9	106.8
	<b>Subtotal</b>						<b>8093.53</b>	<b>7156.14</b>	<b>83.6</b>	<b>89.4</b>	<b>88.4</b>
<b>D</b>											
D1	D1R001	Sterkspruit	Sterkspruit	6	EC		9.473	# 9.636	86.4	# 101.7	# 101.7
	D1R002	*Katse	Malibamatso	10	L	IV	1519.10	809.47	25.8	53.7	53.3
	D1R003	Mohale	Sequnyane	10	L	IV	843.53	193.43	63.1	23.6	22.9
D2	D2R001	Egmont	Witspruit	6	FS		9.059	8.719	83.1	97.6	96.2
	D2R002	Armenia	Leeu	6	FS		12.957	12.517	82.1	97.5	96.6
	D2R004	~Welbedacht	Caledon	6	FS	BF	5.418	3.807	62.3	100.0	70.3
	D2R006	Knellpoort	Rietspruit	6	FS	BF	130.00	111.09	44.9	85.2	85.5
D3	D3R002	Gariiep	Orange	6	FS		5196.04	4712.08	66.3	91.0	90.7
	D3R003	Vanderkloof	Orange	6	FS		3092.36	2977.70	80.3	96.7	96.3
D4	D4R001	Leeubos	Swartbas	6	NC		0.995	0.000	# 0.0	0.0	0.0
	D4R003	Disaneng	Molopo	5	NW		14.125	7.465	85.3	53.2	52.8
	D4R004	Setumo	Molopo	5	NW		20.718	14.653	92.3	70.7	70.7
D7	D7R001	~Boegoeberg	Orange	6	NC		20.613	21.727	106.7	95.7	105.4
	<b>Subtotal</b>						<b>10874.39</b>	<b>8882.29</b>	<b>64.3</b>	<b>82.1</b>	<b>81.7</b>
<b>E</b>											
E1	E1R001	Bulshoek	Olifants	9	WCw		4.809	4.280	41.7	98.1	89.0
	E1R002	Clanwilliam	Olifants	9	WCw		122.48	121.25	39.7	98.2	99.0
E4	E4R001	Karee	Karee	9	NC		0.949	0.604	4.3	59.4	63.6
	<b>Subtotal</b>						<b>128.24</b>	<b>126.13</b>	<b>39.5</b>	<b>97.9</b>	<b>98.4</b>
<b>G</b>											
G1	G1R001	Voëlvlei	Voëlvlei	9	WCw	CT	158.59	128.65	26.8	74.4	81.1
	G1R002	Wemmershoek	Wemmers	9	WCw	CT	58.710	52.856	43.4	87.3	90.0
	G1R003	~Misverstand Berg	Berg	9	WCw		5.678	6.662	101.8	116.4	117.3
	G1R004	Berg River	Berg	9	WCw	CT	127.05	124.73	59.9	96.6	98.2
G4	G4R001	~Steenbras	Steenbras	9	WCw	CT	33.880	30.246	42.0	86.4	89.3
	G4R002	Eikenhof	Palmiet	8	WCw		28.856	29.672	79.8	102.3	102.8
	G4R007	~Steenbrasdam-Upper	Steenbras	9	WCw	CT	31.811	31.484	101.6	100.7	99.0
	G4R010	De Bos	Onrus	8	WCw		5.735	3.355	65.6	55.4	58.5
	<b>Subtotal</b>						<b>450.31</b>	<b>407.65</b>	<b>49.6</b>	<b>87.2</b>	<b>90.5</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	2018-09-10 %Full
<b>H</b>											
H1	H1R001	Brandvlei	Brandvlei	8	WCw		286.04	149.34	32.2	48.9	52.2
	H1R002	Stettynskloof	Holsloot	8	WCw		14.747	15.014	101.7	101.5	101.8
	H1R003	Ceres	Koekedou	8	WCw		17.250	15.520	43.3	88.8	90.0
H2	H2R001	Roode Elsberg	Sanddrifskloof	8	WCw		7.727	7.738	34.8	98.5	100.1
	H2R002	Lakenvallei	Sanddrifskloof	8	WCw		10.443	7.127	83.5	66.7	68.2
H3	H3R001	Poortjies Kloof	Groot	8	WCw		9.720	0.982	38.7	10.1	10.1
	H3R002	Pietersfontein	Pietersfontein	8	WCw		1.917	0.754	58.8	39.3	39.3
H4	H4R002	Keerom	Nuy	8	WCw		9.750	2.614	43.6	26.8	26.8
	H4R003	Klipberg	Konings	8	WCw		1.939	0.004	12.2	0.2	0.2
	H4R004	Kwaggaskloof	Kwaggaskloof	8	WCw		169.41	85.432	33.1	47.8	50.4
H6	H6R001	Thee Waters Kloof	Riviersonderend	8	WCw	CT	479.26	244.73	28.0	48.7	51.1
	H6R002	Elandskloof	Elands	8	WCw		10.993	11.095	33.6	98.0	100.9
H7	H7R001	Buffelsjags	Buffelsjags	8	WCo		4.543	4.645	100.4	100.8	102.3
H8	H8R001	Duiwenhoks	Duiwenhoks	8	WCo		6.180	4.155	67.9	63.8	67.2
H9	H9R001	Korentepoort	Korinte	8	WCo		8.092	3.059	46.5	35.7	37.8
	<b>Subtotal</b>						<b>1038.01</b>	<b>552.21</b>	<b>32.9</b>	<b>50.6</b>	<b>53.2</b>
<b>J</b>											
J1	J1R001	Prinsrivier	Prins	8	WCo		2.258	0.153	10.2	# 6.8	6.8
	J1R002	Bellair	Brak	8	WCo		4.241	0.655	34.4	15.4	15.4
	J1R003	Floris Kraal	Buffels	8	WCo		48.266	3.060	3.6	6.3	6.3
	J1R004	Miertjies Kraal	Brand	8	WCo		1.442	0.102	0.2	7.0	7.0
J2	J2R001	Calitzdorp	Nels	8	WCo		4.817	0.497	24.1	9.4	10.3
	J2R002	Leeugamka	Leeu	8	WCo		13.584	0.421	9.8	4.0	3.1
	J2R003	Oukloof	Cordiers	8	WCo		4.190	0.020	4.9	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	1.214	5.8	3.6	3.5
	J3R002	Stompdrift	Olifants	8	WCo		46.267	2.629	4.4	5.5	5.7
	<b>Subtotal</b>						<b>196.87</b>	<b>8.751</b>	<b>5.17</b>	<b>4.46</b>	<b>4.45</b>
<b>K</b>											
K1	K1R001	Hartebeestkuil	Hartenbos	8	WCo		7.133	0.342	14.8	4.8	4.8
	K1R002	Klipheuwel	Hartenbos	8	WCo		4.450	3.040	56.8	67.6	68.3
K2	K2R001	Ernest Robertson	Grootbrak	8	WCo		0.415	0.416	77.1	39.0	100.4
	K2R002	Wolwedans	Grootbrak	8	WCo		24.626	19.440	72.0	76.8	78.9
K3	K3R002	Garden Route	Swart	8	WCo		9.979	7.101	42.0	68.5	71.2
K6	K6R001	Roodefontein	Piesang	8	WCo		1.990	2.030	63.9	70.9	102.0
K9	K9R001	Kromrivier	Krom	7	EC	AL	35.240	31.889	10.3	16.5	90.5
	K9R002	Impofu	Krom	7	EC	AL	105.76	33.038	55.1	27.3	31.2
	<b>Subtotal</b>						<b>189.59</b>	<b>97.30</b>	<b>47.0</b>	<b>34.4</b>	<b>51.3</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	38.941	14.6	6.8	30.9
	L8R002	Haarlem	Groot	7	WCo		4.603	3.583	14.6	42.0	77.8
L9	L9R001	~Loerie	Loerie Spruit	7	EC	AL	3.026	2.729	71.3	81.2	90.2
	<b>Subtotal</b>						<b>219.32</b>	<b>45.26</b>	<b>9.65</b>	<b>5.90</b>	<b>20.6</b>
<b>M</b>											
M1	M1R001	Groendal	Swartkops	7	EC	AL	11.638	5.614	49.1	39.0	48.2
	<b>Subtotal</b>						<b>11.64</b>	<b>5.614</b>	<b>49.1</b>	<b>39.0</b>	<b>48.2</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	2018-09-10 %Full
<b>N</b>											
N1	N1R001	Nqweba (Van Ryneveldspas)	Sondags	7	EC		44.718	3.942	14.9	8.7	8.8
N2	N2R001	Darlington	Sondags	7	EC		179.84	69.627	35.5	35.1	38.7
	<b>Subtotal</b>						<b>224.56</b>	<b>73.57</b>	<b>31.4</b>	<b>29.8</b>	<b>32.8</b>
<b>P</b>											
P1	P1R003	Nuwejaars	Nuwejaarspruit	7	EC		4.556	# 1.414	47.9	# 31.0	# 31.0
	<b>Subtotal</b>						<b>4.556</b>	<b>1.414</b>	<b>47.9</b>	<b>31.0</b>	<b>31.0</b>
<b>Q</b>											
Q1	Q1R001	~Grassridge	Groot Brak	7	EC		44.487	21.316	44.3	44.3	47.9
Q4	Q4R001	Lake Arthur	Tarka	7	EC		10.332	3.722	# 0.0	34.3	36.0
	Q4R002	Kommando drift	Tarka	7	EC		55.870	12.990	37.4	23.5	23.3
Q5	Q5L001	~Elands Drift	Great Fish	7	EC		3.546	2.920	60.0	64.1	82.4
Q8	Q8R001	~De Mist Kraal	Little Fish	7	EC		2.053	1.865	80.1	74.9	90.8
Q9	Q9L001	Glen Melville	Water from Fish river via Eccca tunnel	7	EC		6.229	3.814	80.7	63.5	61.2
	Q9R001	Katrivier	Kat	7	EC		24.839	24.395	81.3	95.3	98.2
	<b>Subtotal</b>						<b>147.36</b>	<b>71.02</b>	<b>47.2</b>	<b>46.0</b>	<b>48.2</b>
<b>R</b>											
R1	R1R001	Sandile	Keiskamma	7	EC		29.656	26.061	55.0	86.4	87.9
	R1R003	Binfield	Tyume	7	EC		36.849	35.345	89.6	96.3	95.9
R2	R2L001	Debe	Debe	7	EC		6.331	2.281	# 57.7	43.8	36.0
	R2R001	Laing	Buffalo	7	EC	AM	18.904	18.620	101.0	96.7	98.5
	R2R002	Rooikrantz	Buffalo	7	EC	AM	4.799	3.781	75.6	78.0	78.8
	R2R003	Bridle Drift	Buffalo	7	EC	AM	97.923	62.433	42.8	64.3	63.8
R3	R3R001	Nahoon	Nahoon	7	EC	AM	19.257	13.485	61.7	70.4	70.0
	<b>Subtotal</b>						<b>213.72</b>	<b>162.01</b>	<b>60.6</b>	<b>76.0</b>	<b>75.8</b>
<b>S</b>											
S1	S1L001	Macubeni	Cacadu	7	EC		3.373	3.250	82.2	95.1	96.4
	S1R001	Xonxa	White Kei	7	EC		115.86	113.49	96.2	97.2	98.0
S2	S2R001	Lubisi	Indwe	7	EC		113.52	67.371	30.6	59.9	59.3
	S2R002	Doornrivier	Doorn	7	EC		17.099	15.604	50.2	91.3	91.3
S3	S3L001	Boesmanskranz	Oxkraal	7	EC	KP	4.818	1.471	19.7	29.4	30.5
	S3R001	Waterdown	Klipplaat	7	EC	KP	37.441	31.401	63.6	79.8	83.9
	S3R002	Bonkolo	Bonkolo	7	EC		6.943	0.000	***	0.0	0.0
	S3R003	Oxkraal	Oskraal	7	EC	KP	14.829	8.924	28.6	57.9	60.2
S5	S5R001	Ncora	Tsomo	7	EC		147.28	136.89	81.6	92.4	92.9
	S5R002	Tsojana	Tsojana	7	EC		12.272	12.029	91.0	96.6	98.0
S6	S6R001	Gubu	Gubu	7	EC	AM	8.504	8.183	90.3	95.5	96.2
	S6R002	Wriggleswade	Kubisi	7	EC	AM	91.471	89.977	68.9	98.0	98.4
S7	S7R001	Gcuwa	Gcuwa	7	EC		0.421	0.406	23.8	100.0	96.5
	S7R002	Xilinxa	Xilinca	7	EC		13.823	6.288	0.0	40.8	45.5
	S7R003	Toleni	Toleni	7	EC		0.177	0.084	22.0	46.4	47.7
	<b>Subtotal</b>						<b>587.83</b>	<b>495.37</b>	<b>66.1</b>	<b>83.6</b>	<b>84.3</b>
<b>T</b>											
T2	T2R001	Umtata	Mtata	7	EC		244.67	243.83	95.6	99.7	99.7
	T2R002	Mabeleni	Mhlahlane	7	EC		2.099	2.099	96.1	99.5	100.0
	T2R003	Corana	Corana	7	EC		0.725	0.640	1.7	87.8	88.2
T3	T3R001	Belfort	Mafube	7	EC		0.413	0.413	69.9	100.0	100.0
	T3R003	Ntenetyana	Ntenetyana	7	EC		1.615	1.344	74.6	85.2	83.3
	T3R004	Nqadu	Nqadu	7	EC		1.274	0.742	19.5	59.1	58.2
T7	T7R001	Mlanga	Mlanga	7	EC		1.597	0.911	0.0	56.4	57.0
	<b>Subtotal</b>						<b>252.39</b>	<b>249.98</b>	<b>94.2</b>	<b>99.1</b>	<b>99.0</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	2018-09-10 %Full
<b>U</b>											
U2	U2R001	Midmar	Mgeni	4	KN	UM	235.42	223.38	70.4	95.0	94.9
	U2R002	Nagle	Mgeni	4	KN	UM	23.236	16.577	65.8	71.5	71.3
	U2R003	Albert-Falls	Mgeni	4	KN	UM	288.14	137.89	25.8	48.3	47.9
	U2R004	Inanda	Mgeni	4	KN	UM	237.40	161.51	59.7	68.1	68.0
U3	U3R001	Hazelmere	Mdloti	4	KN		37.133	25.749	101.3	68.6	69.3
	<b>Subtotal</b>						<b>821.33</b>	<b>565.11</b>	<b>51.8</b>	<b>69.0</b>	<b>68.8</b>
<b>V</b>											
V1	V1R001	Spioenkop	Tugela	4	KN		270.64	239.68	79.6	89.6	88.6
	V1R002	~Driel Barrage	Tugela	4	KN		8.694	7.847	103.3	# 99.0	90.3
	V1R003	~Woodstock	Tugela	4	KN	IV	373.25	352.40	71.5	94.8	94.4
V2	V2R001	Craigie Burn	Mnyamvubu	4	KN		22.466	20.477	91.5	92.3	91.1
	V2R002	Mearns	Mooi	4	KN		5.163	3.016	48.0	61.3	58.4
	V2R003	Spring Grove	Mooi	4	KN	UM	139.20	116.20	82.6	84.5	83.5
V3	V3R001	Ntshingwayo	Ngagane	4	KN		194.56	161.64	82.4	84.0	83.1
	V3R003	Zaaihoek	Slang	4	KN	IV	184.26	166.67	66.3	91.2	90.5
V7	V7R001	Wagendrift	Boesmans	4	KN		55.900	55.900	96.1	100.1	100.0
	<b>Subtotal</b>						<b>1254.13</b>	<b>1123.83</b>	<b>77.0</b>	<b>90.4</b>	<b>89.6</b>
<b>W</b>											
W1	W1R001	Goedertrouw	Mhlatuze	4	KN		301.26	143.82	32.5	47.7	47.7
W2	W2R001	Klipfontein	Wit Mfolozi	4	KN		18.086	15.378	49.9	86.2	85.0
W3	W3R001	Hluhluwe	Hluhluwe	4	KN		25.893	24.210	63.3	93.2	93.5
W4	W4R001	Pongolapoort	Phongolo	4	KN		2267.07	986.30	37.5	43.6	43.5
	W4R002	Bivane	Bivane	4	KN		114.04	99.994	61.8	83.2	87.7
W5	W5R001	Jericho	Mpama	3	M	IV	59.273	43.476	72.0	75.8	73.3
	W5R002	Westoe	Usutu	3	M	IV	60.095	30.093	86.5	50.4	50.1
	W5R003	Morgenstond	Ngwempisi	3	M	IV	99.988	79.005	48.8	79.1	79.0
	W5R004	Heyshope	Assegai	3	M	IV	444.94	385.72	79.3	87.0	86.7
	<b>Subtotal</b>						<b>3390.65</b>	<b>1808.00</b>	<b>45.4</b>	<b>53.3</b>	<b>53.3</b>
<b>X</b>											
X1	X1R001	Nooigedacht	Komati	3	M	IV	78.343	70.030	87.3	90.4	89.4
	X1R003	Vygeboom	Komati	3	M	IV	78.020	71.529	89.8	91.4	91.7
	X1R004	Driekoppies	Lomati	3	M		250.92	169.31	44.8	67.8	67.5
	X1R005	Maguga	Komati	11	S		333.75	295.85	69.3	88.7	88.6
X2	X2R001	Longmere	Wit	3	M		4.202	2.460	71.4	69.3	58.5
	X2R002	Klipkopjes	Wit	3	M		11.777	8.076	79.9	68.4	68.6
	X2R003	Witklip	Sand	3	M		12.519	11.168	96.0	90.5	89.2
	X2R004	Primkop	Wit	3	M		1.899	1.432	80.3	78.7	75.4
	X2R005	Kwena	Krokodil	3	M		158.65	108.29	73.5	69.5	68.3
X3	X3R001	Da Gama	White Waters	3	M		13.526	10.081	78.6	76.6	74.5
	X3R002	Inyaka	Marite	3	M		123.66	87.492	85.6	71.4	70.8
	<b>Subtotal</b>						<b>1067.27</b>	<b>835.72</b>	<b>69.5</b>	<b>78.8</b>	<b>78.3</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>2018-09-10</b>
	32302.7	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	1175.2	55.0	60.9	65.0
FS Free State	15945.3	14485.5	77.0	91.5	90.8
G Gauteng	114.8	113.5	87.8	99.3	98.9
KN Kwazulu-Natal	4801.8	2958.6	50.7	61.8	61.6
L Lesotho	2362.6	1002.9	39.1	43.0	42.4
LP Limpopo	1522.3	1042.6	72.8	68.9	68.5
M Mpumalanga	2538.6	1920.8	73.4	76.4	75.7
NC Northern Cape	147.3	125.3	89.1	88.5	85.0
NW North West	881.4	581.9	81.7	67.2	66.0
S Swaziland	333.8	295.9	69.3	88.7	88.6
WCo Western Cape - Other rainfall	268.9	56.6	18.7	19.6	21.0
WCw Western Cape - Winter rainfall	1596.8	1073.5	37.8	64.6	67.2
WC Western Cape - Total	1865.7	1130.1	35.0	58.1	60.6
<b>GRAND TOTAL</b>	32320.8	24832.4	66.3	77.0	76.8

<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	921.9	82.4	72.1	71.0
2 Olifants	1857.5	1243.1	69.5	67.5	66.9
3 Inkomati-Usuthu	1397.8	1078.2	72.0	77.7	77.1
4 Pongola-Mtamvuna	4801.8	2958.6	50.7	61.8	61.6
5 Vaal Major	7597.5	6959.1	88.0	92.5	91.6
6 Orange	9007.8	8076.4	68.3	90.1	89.7
7 Mzimvubu-Tsitsikamma	1802.4	1169.2	54.8	60.6	64.9
8 Breede-Gouritz	1318.1	626.4	30.8	45.4	47.5
9 Berg-Olifants	544.0	500.8	45.4	89.3	92.1
10 Lesotho	2362.6	1002.9	39.1	43.0	42.4
11 Swaziland	333.8	295.9	69.3	88.7	88.6
<b>GRAND TOTAL</b>	32320.8	24832.4	66.3	77.0	76.8

**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	112.2	31.3	17.8	39.9
AM Amathole	240.9	196.5	61.1	81.5	81.6
BF Bloemfontein	219.4	145.6	39.6	67.5	66.3
CT Cape Town	889.3	612.7	36.5	66.0	68.9
CW Crocodile West	444.0	378.6	92.4	86.7	85.3
IV IVRS	10553.6	8573.7	76.9	82.0	81.2
KP Klipplaat	57.1	41.8	50.8	69.8	73.2
LV Luvuvhu	224.8	216.7	96.1	96.9	96.4
PK Polokwane	254.3	218.8	58.5	85.8	86.1
UM Umgeni	923.4	655.6	55.5	71.3	71.0

## 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 %.