



# Department of Water and Sanitation

## Weekly State of the Reservoirs on

2023-10-02

### ABBREVIATIONS:

- FSC** Nett Full Supply Capacity  
**#** Latest available data  
**~** Balancing dam (See notes on last page)
- \*** Water available to RSA from Lesotho  
**^** Water available to RSA from E-Swazini
- &** 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.dws.gov.za/Hydrology/Verified/hymain.aspx>)

#### WMA = Water Management Areas / Countries sharing Water Resources with South Africa

Number	Name
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)	Kingdom of Eswatini
(11)	Kingdom of Lesotho

#### Prov = Geographical Provinces / Countries sharing Water Resources with South Africa

Abbreviation	Name
EC	Eastern Cape
FS	Free State
G	Gauteng
KN	Kwazulu-Natal
LP	Limpopo
M	Mpumalanga
NC	Northern Cape
NW	North West
WC	Western Cape Total
Wcw	Western Cape (Winter Rainfall)
WCo	Western Cape (Other Rainfall)
(E)	Kingdom of Eswatini
(L)	Kingdom of Lesotho

#### WSS = Water Supply Systems

Abbreviation	Name
AL	Algoa
AM	Amathole
BF	Bloemfontein
BW	Butterworth
CE	Crocodile East
CT	Cape Town
CW	Crocodile West
IV	IVRS
KP	Klipplaat
LV	Luvuvhu
MH	Umhlathuze
OR	Orange
PK	Polokwane
UM	Umgani

#### Countries sharing Water Resources with South Africa

Abbreviation	Name
E	Kingdom of Eswatini
L	Kingdom of Lesotho

## ABBREVIATIONS continued:

District Municipality Code:	Description
	Unknown
BUF	Buffalo City
CPT	City of Cape Town
DC1	West Coast
DC10	Sarah Baartman
DC12	Amathole
DC13	Chris Hani
DC14	Joe Gqabi
DC15	O.R.Tambo
DC16	Xhariep
DC18	Lejweleputswa
DC19	Thabo Mofutsanyane
DC2	Cape Winelands
DC20	Fezile Dabi
DC22	Umgungundlovu
DC23	Uthukela
DC25	Amajuba
DC26	Zululand
DC27	Umkhanyakude
DC28	Uthungulu
DC3	Overberg
DC30	Gert Sibande

District Municipality Code:	Description
DC31	Nkangala
DC32	Ehlanzeni
DC33	Mopani
DC34	Vhembe
DC35	Capricorn
DC36	Waterberg
DC37	Bojanala
DC38	Ngaka Modiri Molema
DC39	Dr Ruth Segomotsi Mompati
DC4	Eden
DC40	Dr Kenneth Kaunda
DC42	Sedibeng
DC44	Alfred Nzo
DC47	Sekhukhune
DC48	West Rand
DC5	Central Karoo
DC6	Namakwa
DC7	Pixley ka Seme
DC9	Frances Baard
ETH	eThekwini
MAN	Mangaung
TSH	City of Tshwane

	Station	Reservoir	River	WMA/ Count ry	Prov/ Count ry	WSS	Distr. Mun.	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Yr. 20221002 %Full	Last Wk. 20230925 %Full	Today 20231002 %Full
<b>A</b>												
A1	A1R001	Ngotwane	Ngotwane	1	NW		DC38	19.03	9.67	#41.8	51.3	50.8
A2	A2R001	Hartbeespoort	Krokodil	1	NW	CW	DC37	185.79	178.08	92.4	94.9	95.8
	A2R002	Bon Accord	Apies	1	G		TSH	4.38	4.70	103.9	106.0	107.2
	A2R003	Olifantsnek	Hex	1	NW		DC37	13.68	#12.85	70.9	#93.9	#93.9
	A2R004	Rietvlei	Hennops	1	G	CW	TSH	12.25	12.27	84.3	95.9	100.2
	A2R005	Buffelspoort	Sterkstroom	1	NW		DC37	10.18	10.20	98.1	100.0	100.1
	A2R006	Bospoort	Hex	1	NW	CW	DC37	15.80	16.03	101.5	101.4	101.4
	A2R007	Lindleyspoort	Elands	1	NW		DC37	14.21	12.44	62.1	#90.4	87.5
	A2R008	~Warmbad	Buffelspruit	1	LP		DC36	0.55	0.56	101.6	#101.6	101.6
	A2R009	Roodeplaat	Pienaars	1	G	CW	TSH	41.16	41.63	100.6	100.2	101.2
	A2R011	Kosterrivier	Koster	1	NW		DC37	12.42	12.14	46.9	#98.8	97.7
	A2R012	Klipvoor	Pienaars	1	NW	CW	DC37	40.73	38.95	87.1	94.9	95.6
	A2R013	Swartruggens	Elands	1	NW		DC37	0.47	0.48	97.5	#101.2	101.2
	A2R014	Vaalkop	Elands	1	NW	CW	DC37	51.32	#46.96	76.2	91.5	#91.5
	A2R015	Roodekopjes	Krokodil	1	NW	CW	DC37	96.35	86.38	84.9	91.6	89.7
	A2R018	Middelkral	Maretlwane	1	NW		DC37	0.74	0.59	76.3	81.7	80.1
A3	A3R001	Marico-Bosveld	Groot-Marico	1	NW		DC38	26.93	23.94	86.6	89.8	88.9
	A3R002	Klein-Maricopoot	Klein Marico	1	NW		DC38	7.23	5.81	47.4	#84.3	80.4
	A3R003	Kromellenboog	Klein Marico	1	NW		DC38	8.65	7.31	45.9	85.2	84.5
	A3R004	Molatedi	Groot-Marico	1	NW		DC38	200.78	110.68	38.7	56.8	55.1
	A3R005	Sehujwane	Sehujane	1	NW		DC38	3.61	2.74	80.4	#82.3	75.9
	A3R006	Madikwe	Tholwane	1	NW		DC37	15.94	7.87	44.5	#51.2	49.4
	A3R007	Pella	Lethlakane	1	NW		DC37	2.11	1.31	33.1	62.8	62.1
A4	A4R001	Mokolo	Mokolo	1	LP		DC36	145.77	141.30	100.1	97.6	96.9
A6	A6R001	Doordraai	Sterk	1	LP		DC36	43.76	42.70	97.0	98.0	97.6
	A6R002	Glen Alpine	Mogalakwena	1	LP		DC35	18.89	10.50	52.9	56.8	55.6
A7	A7R002	Houtrivier	Hout	1	LP		DC35	6.62	#5.87	83.5	#88.6	#88.6
A8	A8R001	Nzhelele	Nzhelele	1	LP		DC34	51.23	47.09	94.2	92.7	91.9
	A8R002	Luphephe	Luphephe	1	LP		DC34	13.98	12.01	95.5	86.7	85.9
	A8R003	Nwanedzi	Nwanedzi	1	LP		DC34	5.14	4.31	94.4	84.7	83.8
	A8R004	& Mutshedzi	Mutshedzi	1	LP		DC34	2.34	2.34	95.2	#100.8	100.2
A9	A9R001	Albasini	Luvuvhu	1	LP	LV	DC34	28.20	27.28	98.7	97.1	96.8
	A9R002	Vondo	Mutshindudi	1	LP	LV	DC34	30.45	28.03	97.1	92.7	92.1
	A9R004	Nandoni	Levhuvhu	1	LP	LV	DC34	166.11	164.62	100.8	98.8	99.1
	<b>Subtotal</b>							<b>1296.81</b>	<b>1129.64</b>	<b>81.8</b>	<b>87.5</b>	<b>87.1</b>

	Station	Reservoir	River	WMA/ Country	Prov/ Country	WSS	Distr. Mun.	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Yr. 20221002 %Full	Last Wk. 20230925 %Full	Today 20231002 %Full
<b>B</b>												
B1	B1R001	Witbank	Olifants	2	M		DC31	104.02	98.04	98.8	94.6	94.2
	B1R002	Middelburg	Little Olifants	2	M		DC31	48.06	44.46	95.4	91.1	92.5
B2	B2R001	Bronkhorst spruit	Bronkhorsts pruit	2	G		TSH	56.99	51.48	95.2	90.2	90.3
B3	B3R001	Rust De Winter	Elands	2	LP		DC36	28.19	28.38	99.8	100.3	100.7
	B3R002	Loskop	Olifants	2	M		DC31	361.51	353.05	99.2	97.7	97.7
	B3R005	Rhenoster kop	Elands	2	M		DC31	204.58	201.34	48.9	98.6	98.4
B4	B4R001	Tonteldoos	Tonteldoos	2	LP		DC47	0.19	0.19	100.3	100.5	100.5
	B4R002	Vlugkraal	Vlugkraal	2	LP		DC47	0.44	0.41	93.4	89.2	93.0
	B4R004	Buffelskloof	Waterval	2	M		DC32	5.24	#4.69	87.4	89.5	#89.5
	B4R007	De Hoop	Steelpoort	2	LP		DC47	348.70	346.15	100.0	99.3	99.3
B5	B5R002	Flag Boshielo	Olifants	2	LP	PK	DC47	185.13	179.61	96.8	97.6	97.0
B6	B6R001	Ohrigstad	Ohrigstad	2	M		DC32	13.45	9.27	35.2	70.5	68.9
	B6R003	Blyderivier poort	Blyde	2	M		DC32	54.37	50.73	83.4	94.0	93.3
B7	B7R001	Klaserie	Klaserie	2	LP		DC33	5.60	#5.50	87.0	98.1	#98.1
	B7R003	Tours	Ngwabitsi	2	LP		DC33	6.08	5.89	90.3	97.2	96.8
B8	B8R001	Ebenezer	Groot- Letaba	2	LP	PK	DC33	69.14	65.12	96.5	94.6	94.2
	B8R002	Hans Merensky	Ramadiepa	2	LP		DC33	1.22	1.24	101.5	101.2	101.2
	B8R003	Magoebas kloof	Politsi	2	LP		DC33	4.84	4.85	100.1	100.3	100.2
	B8R004	Vergelegen	Tributary of Politsi	2	LP		DC33	0.25	0.25	94.9	92.6	96.8
	B8R005	Tzaneen	Groot- Letaba	2	LP		DC33	114.28	91.38	86.0	80.8	80.0
	B8R006	Dap Naude	Broederstro om	2	LP		DC33	1.94	1.57	92.3	81.6	81.2
	B8R007	Middel- Letaba	Middel- Letaba	2	LP		DC33	171.93	6.74	0.8	3.9	3.9
	B8R009	Nsami	Nsama	2	LP		DC33	21.87	12.51	41.9	58.5	57.2
	B8R011	Modjadji	Molototsi	2	LP		DC33	7.20	4.65	46.5	65.3	64.6
	<b>Subtotal</b>							<b>1815.24</b>	<b>1567.49</b>	<b>81.0</b>	<b>86.5</b>	<b>86.4</b>

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<b>C</b>												
C1	C1R001	Vaal	Vaal	5	FS	IV	DC42	2603.45	2079.66	93.9	81.2	79.9
	C1R002	Grootdraai	Vaal	5	M	IV	DC30	349.53	295.58	91.4	85.4	84.6
C2	C2R001	Boskop	Mooi	5	NW		DC40	21.03	21.37	101.7	101.4	101.6
	C2R002	Johan Neser	Skoonspruit	5	NW		DC40	5.67	5.64	101.7	99.5	99.5
	C2R003	Klerkskraai	Mooi	5	NW		DC40	7.92	8.54	101.2	106.3	107.8
	C2R004	Potchefstr oom	Mooi	5	NW		DC40	2.03	2.07	101.4	#101.9	101.9
	C2R005	Klipdrift	Loopspruit	5	G		DC48	13.30	13.54	101.0	101.8	101.8
	C2R006	Elandskuil	Swartleegte	5	NW		DC40	1.18	#1.10	103.0	#92.9	#92.9
	C2R007	Rietspruit	Rietspruit	5	NW		DC40	7.28	#4.95	96.5	#68.0	#68.0
	C2R008	Vaalrivier Barrage	Vaal	5	FS		DC42	53.62	51.64	#96.3	98.0	96.3
C3	C3R002	Spitskop	Harts	5	NC		DC9	57.83	45.85	95.4	80.9	79.3
	C3R006	Taung	Harts	5	NW		DC39	61.37	58.09	98.1	99.8	94.7
C4	C4R001	Allemansk raal	Sand	5	FS		DC18	174.52	156.51	88.5	90.7	89.7
	C4R002	Erfenis	Groot-Vet	5	FS		DC18	206.06	184.48	90.6	90.9	89.5
C5	C5R001	Tierpoort	Tierpoort	6	FS		MAN	34.00	33.14	98.2	97.5	97.5
	C5R002	Kalkfontei n	Riet	6	FS		DC16	325.13	315.71	99.7	97.4	97.1
	C5R003	Rustfontei n	Modder	6	FS	BF	MAN	72.11	62.02	88.4	87.5	86.0
	C5R004	Krugersdri ft	Modder	6	FS		MAN	71.48	70.00	104.0	97.9	97.9
	C5R005	Groothoek	Kgabanyane	6	FS	BF	MAN	11.90	10.53	89.3	89.4	88.4
C7	C7R001	Koppies	Renoster	5	FS		DC20	42.31	38.84	93.6	91.8	91.8
C8	C8R002	Metsi- Matsho	Metsi- Matsho	5	FS		DC19	4.38	#3.04	45.0	69.4	#69.4
	C8R003	~Sterkfont ein	Nuwejaarspr uit	5	FS	IV	DC19	2616.90	2606.80	99.5	99.8	99.6
	C8R004	~Saulspoo rt	Liebenbergs vlei	5	FS		DC19	15.01	14.68	98.8	97.8	97.8
	C8R008	Fika-Patso	Namahadi	5	FS		DC19	29.41	#19.49	76.1	66.3	#66.3
C9	C9R001	~Vaalharts Weir	Vaal	5	NC		DC9	50.68	38.24	85.3	80.9	75.5
	C9R002	Bloemhof	Vaal	5	FS	IV	DC18	1242.91	1204.55	93.8	99.1	96.9
	C9R003	~Douglas Weir	Vaal	6	NC		DC7	16.24	17.91	107.5	106.8	110.3
	<b>Subtotal</b>							<b>8097.24</b>	<b>7363.95</b>	<b>95.7</b>	<b>92.0</b>	<b>90.9</b>

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<b>D</b>												
D1	D1R001	Jozanashoek	Sterkspruit	6	EC		DC14	9.47	9.26	100.5	97.8	97.8
	D1R002	* Katse	Malibamatso	11	L	IV		1519.10	1430.03	86.6	93.8	94.1
	D1R003	* Mohale	Senqunyane	11	L	IV		843.53	669.69	89.0	81.4	79.4
D2	D2R001	Egmont	Witspruit	6	FS		MAN	9.06	8.57	97.3	#95.3	94.7
	D2R002	Armenia	Leeu	6	FS		DC19	13.22	12.94	96.3	97.9	97.9
	D2R004	~Welbedacht	Caledon	6	FS	BF	MAN	5.42	4.90	93.5	100.0	90.5
	D2R006	Knellpoort	Rietspruit	6	FS	BF	MAN	130.00	128.82	99.6	99.2	99.1
D3	D3R002	Gariiep	Orange	6	FS	OR	DC16	4903.45	4289.92	93.9	88.7	87.5
	D3R003	Vanderkloof	Orange	6	FS	OR	DC16	3092.36	3023.30	98.0	98.0	97.8
D4	D4R003	Disaneng	Molopo	5	NW		DC38	14.12	13.22	93.1	#93.1	93.6
	D4R004	Setumo	Molopo	5	NW		DC38	20.72	21.58	96.7	#103.3	104.1
D7	D7R001	~Boegoeberg	Orange	6	NC		DC7	20.61	#22.81	108.3	#110.6	#110.6
	<b>Subtotal</b>							<b>10581.06</b>	<b>9635.04</b>	<b>93.8</b>	<b>91.8</b>	<b>91.1</b>
<b>E</b>												
E1	E1R001	Bulshoek	Olifants	9	WCw		DC1	4.81	4.33	69.6	86.9	90.1
	E1R002	Clanwilliam	Olifants	9	WCw		DC1	122.48	119.69	86.6	101.4	97.7
	E4R001	Karee	Karee	9	NC		DC6	0.95	0.95	20.8	101.4	100.0
	<b>Subtotal</b>							<b>128.24</b>	<b>124.97</b>	<b>85.5</b>	<b>100.8</b>	<b>97.4</b>
<b>G</b>												
G1	G1R001	Voelvtlei	Voelvtlei	9	WCw	CT	DC2	158.59	161.45	72.4	101.0	101.8
	G1R002	Wemmershoek	Wemmers	9	WCw	CT	DC2	58.71	58.77	88.0	99.1	100.1
	G1R003	~Misverstand	Berg	9	WCw		DC1	5.68	7.43	105.7	152.7	130.8
	G1R004	Berg River	Berg	9	WCw	CT	DC2	127.05	127.90	99.5	103.4	100.7
	G4R001	~Steenbras-Lower	Steenbras	9	WCw	CT	CPT	33.88	35.04	91.6	105.9	103.4
	G4R002	Eikenhof	Palmiet	8	WCw		DC3	28.86	29.97	100.4	111.2	103.9
	G4R007	~Steenbras-Upper	Steenbras	9	WCw	CT	CPT	31.81	32.25	91.4	102.2	101.4
	G4R010	De Bos	Onrus	8	WCw		DC3	5.74	5.74	99.5	100.0	100.0
	<b>Subtotal</b>							<b>450.30</b>	<b>458.55</b>	<b>87.4</b>	<b>103.2</b>	<b>101.8</b>

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<b>H</b>												
H1	H1R001	Brandvlei	Lower Brandvlei	8	WCw		DC2	286.04	232.62	67.9	80.9	81.3
	H1R002	Stettynskloof	Holsloot	8	WCw		DC2	14.75	15.08	100.3	106.8	102.3
	H1R003	Ceres	Koekedou	8	WCw		DC2	17.25	17.40	71.2	101.2	100.9
H2	H2R001	Roode Els Berg	Sanddrifskloof	8	WCw		DC2	7.73	7.77	50.0	101.7	100.5
	H2R002	Lakenvallei	Sanddrifskloof	8	WCw		DC2	10.44	10.51	83.1	105.6	100.6
H3	H3R001	Poortjieskloof	Groot	8	WCw		DC2	9.72	9.91	8.7	100.0	101.9
	H3R002	Pietersfontein	Pietersfontein	8	WCw		DC2	1.92	1.89	17.7	98.7	98.7
H4	H4R002	Keerom	Nuy	8	WCw		DC2	9.75	9.75	43.7	#100.0	100.0
	H4R003	Klipberg	Konings	8	WCw		DC2	1.94	1.96	96.9	105.8	100.9
	H4R004	Kwaggaskloof	Doorn	8	WCw		DC2	169.41	135.84	66.1	79.6	80.2
H6	H6R001	Theewater skloof	Riviersonderend	8	WCw	CT	DC3	479.26	508.36	83.9	115.7	106.1
	H6R002	Elandskloof	Elands	8	WCw		DC3	10.99	11.11	90.8	100.6	101.1
H7	H7R001	Buffeljags	Buffeljags	8	WCo		DC3	4.54	4.68	100.2	128.7	103.1
H8	H8R001	Duiwenhoks	Duiwenhoks	8	WCo		DC4	6.18	6.24	96.4	107.3	100.9
H9	H9R001	Korentepoort	Korinte	8	WCo		DC4	8.09	8.14	93.8	105.3	100.6
	<b>Subtotal</b>							<b>1038.02</b>	<b>981.26</b>	<b>75.4</b>	<b>99.1</b>	<b>94.5</b>
<b>J</b>												
J1	J1R001	Prinsrivier	Prins	8	WCo		DC4	2.26	1.97	64.3	87.1	87.1
	J1R002	Bellair	Brak	8	WCo		DC3	4.24	4.25	2.8	44.9	100.1
	J1R003	Floriskraal	Buffels	8	WCo		DC5	48.27	48.94	17.3	106.3	101.4
	J1R004	Miertjieskraal	Brand	8	WCo		DC4	1.43	1.44	98.0	111.7	100.7
J2	J2R001	Calitzdorp	Nels	8	WCo		DC4	4.82	4.84	73.8	102.1	100.4
	J2R002	Leeugamka	Leeu	8	WCo		DC5	13.58	6.23	62.3	47.1	45.9
	J2R003	Oukloof	Cordiers	8	WCo		DC5	4.19	4.27	4.6	106.0	101.9
	J2R004	Gamka	Gamka	8	WCo		DC5	1.73	1.73	90.1	102.9	100.0
	J2R006	Gamkapoort	Gamka	8	WCo		DC5	35.72	36.13	61.1	99.5	101.2
	J2R008	Tierkloof	Tributary of Seweweekspoort	8	WCo		DC4	0.03	0.03	99.7	99.8	100.0
J3	J3R001	Kammanassie	Kammanassie	8	WCo		DC4	34.35	32.18	4.3	73.3	93.7
	J3R002	Stompdrift	Olifants	8	WCo		DC4	46.27	18.53	14.1	35.3	40.1
	<b>Subtotal</b>							<b>196.89</b>	<b>160.55</b>	<b>27.9</b>	<b>76.9</b>	<b>81.5</b>

	Station	Reservoir	River	WMA/ Country	Prov/ Country	WSS	Distr. Mun.	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Yr. 20221002 %Full	Last Wk. 20230925 %Full	Today 20231002 %Full
<b>K</b>												
K1	K1R001	Hartebeestkuil	Hartenbos	8	WCo		DC4	7.13	6.62	6.0	88.6	92.7
	K1R002	Klipheuwel	Tributary of Hartenbos	8	WCo		DC4	4.45	3.49	17.1	78.7	78.5
K2	K2R001	Ernest Robertson	Groot Brak	8	WCo		DC4	0.41	0.42	98.1	101.6	101.5
	K2R002	Wolwedans	Groot Brak	8	WCo		DC4	24.63	24.68	84.4	102.1	100.2
K3	K3R002	Garden Route	Swart	8	WCo		DC4	12.42	12.35	64.2	97.3	99.4
K6	K6R001	Roodefontein	Piesang	8	WCo		DC4	1.99	2.02	96.1	104.0	101.3
K9	K9R001	Kromrivier	Krom	7	EC	AL	DC10	35.24	35.58	33.9	77.5	101.0
	K9R002	Impofu	Krom	7	EC	AL	DC10	105.76	25.69	10.0	19.8	24.3
	<b>Subtotal</b>							<b>192.03</b>	<b>110.86</b>	<b>28.5</b>	<b>50.9</b>	<b>57.7</b>
<b>L</b>												
L8	L8R001	Kouga	Kouga	7	EC	AL	DC10	125.91	127.70	22.4	61.6	101.4
	L8R002	Haarlem	Groot	7	WCo		DC4	4.60	4.69	100.4	99.3	101.8
L9	L9R001	~Loerie	Loeriespruit	7	EC	AL	DC10	3.03	3.03	72.7	86.3	100.2
	<b>Subtotal</b>							<b>133.54</b>	<b>135.42</b>	<b>26.2</b>	<b>63.4</b>	<b>101.4</b>
<b>M</b>												
M1	M1R001	Groendal	Swartkops	7	EC	AL	DC10	11.64	11.80	19.2	101.8	101.4
	<b>Subtotal</b>							<b>11.64</b>	<b>11.80</b>	<b>19.2</b>	<b>101.8</b>	<b>101.4</b>
<b>N</b>												
N1	N1R001	Nqweba	Sondags	7	EC		DC10	44.72	26.79	4.9	53.6	59.9
N2	N2R001	Darlington	Sondags	7	EC		DC10	179.84	84.93	39.5	44.1	47.2
	<b>Subtotal</b>							<b>224.56</b>	<b>111.72</b>	<b>32.6</b>	<b>46.0</b>	<b>49.7</b>
<b>P</b>												
P1	P1R003	Nuwejaars	Nuwejaarspruit	7	EC		DC10	4.56	0.23	3.7	4.6	5.1
	<b>Subtotal</b>							<b>4.56</b>	<b>0.23</b>	<b>3.7</b>	<b>4.6</b>	<b>5.1</b>



	Station	Reservoir	River	WMA/ County	Prov/ County	WSS	Distr. Mun.	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Yr. 20221002 %Full	Last Wk. 20230925 %Full	Today 20231002 %Full
<b>Q</b>												
Q1	Q1R001	~Grassridge	Groot Brak	7	EC		DC13	44.49	25.33	56.7	41.6	56.9
Q4	Q4R001	Lake Arthur	Tarka	7	EC		DC13	11.29	11.01	13.8	97.5	97.5
	Q4R002	Kommandodrift	Tarka	7	EC		DC13	55.87	56.40	62.0	98.8	100.9
Q5	Q5L001	~Elands Drift	Great Fish	7	EC		DC13	3.55	3.43	102.9	82.4	96.8
Q8	Q8R001	~De Mistkraal	Little Fish	7	EC		DC10	2.05	2.10	88.8	101.1	102.2
Q9	Q9L001	Glen Melville	Water from Fish river via Ecca tunnel	7	EC		DC10	6.23	5.61	100.8	92.2	90.1
	Q9R001	Katrivier	Kat	7	EC		DC12	24.84	24.90	100.8	100.3	100.3
	<b>Subtotal</b>							<b>148.32</b>	<b>128.79</b>	<b>66.2</b>	<b>81.2</b>	<b>86.8</b>
<b>R</b>												
R1	R1R001	Sandile	Keiskamma	7	EC		DC12	29.66	29.24	100.6	96.7	98.6
	R1R002	Cata	Cata	7	EC		DC12	12.08	11.22	95.3	91.8	92.9
	R1R003	Binfield	Tyume	7	EC		DC12	36.83	35.46	100.0	96.0	96.3
	R1R004	Mnyameni	uMnyama	7	EC		DC12	1.82	1.82	100.0	92.3	100.0
R2	R2L001	Debe	Debe	7	EC		DC12	6.33	2.01	14.3	31.6	31.8
	R2R001	Laing	Buffalo	7	EC	AM	BUF	18.90	19.07	103.1	102.2	100.9
	R2R002	Rooikrans	Buffalo	7	EC	AM	BUF	4.80	4.30	100.3	88.3	89.7
	R2R003	Bridle Drift	Buffalo	7	EC	AM	BUF	97.92	99.96	100.7	99.8	102.1
R3	R3R001	Nahoon	Nahoon	7	EC	AM	BUF	19.26	18.46	101.2	93.9	95.9
	<b>Subtotal</b>							<b>227.61</b>	<b>221.54</b>	<b>98.1</b>	<b>95.8</b>	<b>97.3</b>
<b>S</b>												
S1	S1L001	Macubeni	Cacadu	7	EC		DC13	3.37	3.37	100.0	99.6	100.0
	S1R001	Xonxa	White Kei	7	EC		DC13	115.86	116.12	101.2	100.2	100.2
S2	S2R001	Lubisi	Indwe	7	EC		DC13	113.52	86.96	90.4	77.4	76.6
	S2R002	Doornrivier	Doorn	7	EC		DC13	17.10	15.67	98.6	91.8	91.6
S3	S3L001	Boesmanskrantz	Oxkraal	7	EC	KP	DC13	4.82	4.82	100.1	100.4	100.1
	S3R001	Waterdown	Klipplaat	7	EC	KP	DC12	37.44	37.55	101.9	101.0	100.3
	S3R003	Oxkraal	Oskraal	7	EC	KP	DC13	14.83	14.83	100.0	100.0	100.0
S5	S5R001	Ncora	Tsomo	7	EC		DC13	147.28	130.14	102.0	89.0	88.4
	S5R002	Tsojana	Tsojana	7	EC		DC13	12.27	12.23	100.0	99.7	99.7
S6	S6R001	Gubu	Gubu	7	EC	AM	DC12	8.52	8.52	100.9	100.1	100.0
	S6R002	Wriggleswade	Kubisi	7	EC	AM	DC12	91.47	91.67	75.6	100.9	100.2
S7	S7R001	~Gcuwa	Gcuwa	7	EC	BW	DC12	0.43	0.45	138.5	110.2	105.7
	S7R002	Xilinxaxa	Xilinxaxa	7	EC	BW	DC12	13.82	13.82	100.0	100.0	100.0
	S7R003	Toleni	Toleni	7	EC	BW	DC12	0.18	0.16	95.7	91.0	89.4
	<b>Subtotal</b>							<b>580.91</b>	<b>536.33</b>	<b>95.2</b>	<b>92.8</b>	<b>92.3</b>

	Station	Reservoir	River	WMA/ County	Prov/ County	WSS	Distr. Mun.	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Yr. 20221002 %Full	Last Wk. 20230925 %Full	Today 20231002 %Full
<b>T</b>												
T2	T2R001	Umtata	Mtata	7	EC		DC15	244.67	233.55	100.7	95.6	95.5
	T2R002	Mabeleni	Mhlahlane	7	EC		DC15	2.10	2.10	100.0	100.0	100.0
	T2R003	Corana	Corana	7	EC		DC15	0.73	0.68	99.5	95.4	94.4
T3	T3R001	Belfort	Mafube	7	EC		DC44	0.41	0.40	97.2	97.2	97.2
	T3R003	Ntenetyana	Ntenetyana	7	EC		DC44	1.61	1.38	96.2	85.6	85.6
	T3R004	Nqadu	Nqadu	7	EC		DC15	1.27	1.07	96.5	84.9	83.9
T7	T7R001	Mlanga	Mlanga	7	EC		DC15	1.60	1.48	96.0	95.8	92.6
	<b>Subtotal</b>							<b>252.40</b>	<b>240.67</b>	<b>100.6</b>	<b>95.5</b>	<b>95.4</b>
<b>U</b>												
U2	U2R001	Midmar	Mgeni	4	KN	UM	DC22	235.42	187.92	91.9	81.3	79.8
	U2R002	Nagle	Mgeni	4	KN	UM	DC22	23.24	20.15	91.9	82.0	86.7
	U2R003	Albert Falls	Mgeni	4	KN	UM	DC22	285.64	263.46	93.4	93.5	92.2
	U2R004	Inanda	Mgeni	4	KN	UM	ETH	237.40	221.52	101.4	93.7	93.3
U3	U3R001	Hazelmere	Mdloti	4	KN		ETH	37.13	17.84	48.7	48.8	48.1
	<b>Subtotal</b>							<b>818.83</b>	<b>710.89</b>	<b>93.2</b>	<b>87.7</b>	<b>86.8</b>
<b>V</b>												
V1	V1R001	Spioenkop	Tugela	4	KN		DC23	270.64	234.77	100.2	87.8	86.7
	V1R002	~Driel Barrage	Tugela	4	KN		DC23	8.69	7.98	101.0	91.8	91.8
	V1R003	~Woodstock	Tugela	4	KN	IV	DC23	355.42	345.31	89.5	97.2	97.2
V2	V2R001	Craigie Burn	Mnyamvubu	4	KN		DC22	22.47	22.22	100.2	99.9	98.9
	V2R002	Mearns	Mooi	4	KN		DC22	5.16	3.43	64.2	72.1	66.4
	V2R003	Spring Grove	Mooi	4	KN	UM	DC22	139.20	105.96	91.9	76.2	76.1
V3	V3R001	Ntshingwayo	Ngagane	4	KN		DC25	194.56	130.94	70.7	68.4	67.3
	V3R003	Zaaihoek	Slang	4	KN	IV	DC25	184.26	167.01	96.2	#90.6	90.6
V7	V7R001	Wagendrift	Boesmans	4	KN		DC23	55.90	49.48	97.9	89.4	88.5
	<b>Subtotal</b>							<b>1236.31</b>	<b>1067.10</b>	<b>90.7</b>	<b>86.8</b>	<b>86.3</b>

	Station	Reservoir	River	WMA/ Country	Prov/ Country	WSS	Distr. Mun.	Full Supply Capacity 10 <sup>6</sup> M <sup>3</sup>	Water in Dam 10 <sup>6</sup> M <sup>3</sup>	Last Yr. 20221002 %Full	Last Wk. 20230925 %Full	Today 20231002 %Full
<b>W</b>												
W1	W1R001	Goedertro uw	Mhlatuze	4	KN	MH	DC28	301.25	296.28	97.4	98.7	98.3
W2	W2R001	Klipfontein	Wit Mfolozi	4	KN		DC26	18.09	16.14	95.8	90.8	89.2
W3	W3R001	Hluhluwe	Hluhluwe	4	KN		DC27	25.89	24.11	73.9	93.5	93.1
W4	W4R001	Pongolapo ort	Phongolo	4	KN		DC27	2395.24	1990.95	78.3	83.4	83.1
	W4R002	Bivane	Bivane	4	KN		DC26	114.04	102.21	96.4	89.6	89.6
W5	W5R001	Jericho	Mpama	3	M	IV	DC30	59.27	45.66	93.2	77.6	77.0
	W5R002	Westoe	Usutu	3	M	IV	DC30	60.10	#34.87	75.0	#58.0	#58.0
	W5R003	Morgensto nd	Ngwempisi	3	M	IV	DC30	99.99	97.93	99.9	97.8	97.9
	W5R004	Heyshope	Assegaai	3	M	IV	DC30	444.94	435.36	99.1	98.1	97.8
	<b>Subtotal</b>							<b>3518.81</b>	<b>3043.50</b>	<b>84.0</b>	<b>86.8</b>	<b>86.5</b>
<b>X</b>												
X1	X1R001	Nooitgeda cht	Komati	3	M	IV	DC30	78.34	66.40	99.7	85.1	84.8
	X1R003	Vygeboom	Komati	3	M	IV	DC30	78.02	78.55	100.4	100.5	100.7
	X1R004	Driekoppie s	Lomati	3	M		DC32	250.92	245.91	99.3	98.1	98.0
	X1R005	^ Maguga	Komati	10	E			333.75	321.82	95.2	95.9	96.4
X2	X2R001	Longmere	Wit	3	M		DC32	4.20	3.90	81.6	#89.7	92.8
	X2R002	Klipkopjes	Wit	3	M		DC32	11.78	11.78	97.3	#100.2	100.0
	X2R003	Witklip	Sand	3	M		DC32	12.52	12.38	93.2	98.0	98.9
	X2R004	Primkop	Wit	3	M		DC32	1.90	1.91	85.0	#94.5	100.4
	X2R005	Kwena	Krokodil	3	M	CE	DC32	158.65	146.12	92.2	92.6	92.1
X3	X3R001	Da Gama	White Waters	3	M		DC32	13.53	12.73	93.9	95.1	94.1
	X3R002	Inyaka	Marite	3	M		DC32	123.66	121.48	80.9	98.3	98.2
	<b>Subtotal</b>							<b>1067.26</b>	<b>1022.99</b>	<b>94.7</b>	<b>95.8</b>	<b>95.9</b>

<b>Total Full Supply Capacity of dams</b> <b>10<sup>6</sup>M<sup>3</sup></b>	<b>Last Year</b> <b>20221002</b>	<b>Last Week</b> <b>20230925</b>	<b>This Week</b> <b>20231002</b>
	32020.59	32020.59	32020.59

<b>Summary</b>		<b>Full Supply Capacity</b>	<b>Water in Storage</b>	<b>Last Yr. 20221002</b>	<b>Last Wk. 20230925</b>	<b>Today 20231002</b>
<b>Provinces / Countries sharing Water Resources with South Africa</b>		<b>10<sup>6</sup>M<sup>3</sup></b>	<b>10<sup>6</sup>M<sup>3</sup></b>	<b>%Full</b>	<b>%Full</b>	<b>%Full</b>
E	Kingdom of Eswatini	333.75	321.82	95.2	95.9	96.4
EC	Eastern Cape	1729.39	1452.34	73.2	79.3	84.0
FS	Free State	15656.69	14319.53	95.7	92.4	91.5
G	Gauteng	128.08	123.62	96.8	95.7	96.5
KN	Kwazulu-Natal	4909.66	4207.67	85.5	86.1	85.7
L	Kingdom of Lesotho	2362.63	2099.72	87.4	89.4	88.9
LP	Limpopo	1480.06	1241.06	84.6	84.2	83.9
M	Mpumalanga	2538.57	2372.14	91.2	93.7	93.4
NC	Northern Cape	146.32	125.76	94.6	88.1	85.9
NW	North West	867.29	720.96	74.4	84.0	83.1
WCo	Western Cape - Other rainfall	271.35	233.88	40.5	83.5	86.2
WCw	Western Cape - Winter rainfall	1596.80	1544.77	79.4	100.2	96.7
WC	Western Cape - Total	1868.15	1778.65	73.8	97.8	95.2
<b>GRAND TOTAL</b>		32020.59	28763.27	89.6	90.3	89.8

<b>Summary</b>		<b>Full Supply Capacity</b>	<b>Water in Storage</b>	<b>Last Yr. 20221002</b>	<b>Last Wk. 20230925</b>	<b>Today 20231002</b>
<b>WMA's / Countries sharing Water Resources with South Africa</b>		<b>10<sup>6</sup>M<sup>3</sup></b>	<b>10<sup>6</sup>M<sup>3</sup></b>	<b>%Full</b>	<b>%Full</b>	<b>%Full</b>
1	Limpopo	1296.81	1129.64	81.8	87.5	87.1
2	Olifants	1815.24	1567.49	81.0	86.5	86.4
3	Inkomati-Usuthu	1397.81	1314.99	95.4	94.2	94.1
4	Pongola-Mtamvuna	4909.66	4207.67	85.5	86.1	85.7
5	Vaal Major	7601.22	6889.44	95.5	91.7	90.6
6	Orange	8714.45	8009.83	95.8	92.7	91.9
7	Mzimvubu-Tsitsikamma	1724.52	1447.76	73.1	79.3	84.0
8	Breede-Gouritz	1320.54	1227.10	68.5	96.0	92.9
9	Berg-Olifants	543.95	547.81	86.2	102.3	100.7
10	Kingdom of Eswatini	333.75	321.82	95.2	95.9	96.4
11	Kingdom of Lesotho	2362.63	2099.72	87.4	89.4	88.9
<b>GRAND TOTAL</b>		32020.59	28763.27	89.6	90.3	89.8

**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 Yr. 20221002  %Full</b>	<b>Last Wk. 20230925  %Full</b>	<b>Today 20231002  %Full</b>
AL	Algoa	281.57	203.81	19.6	49.8	72.4
AM	Amathole	240.88	241.99	91.4	99.7	100.5
BF	Bloemfontein	219.43	206.27	95.2	94.9	94.0
BW	Butterworth	14.43	14.43	101.1	100.2	100.0
CE	Crocodile East	158.65	146.12	92.2	92.6	92.1
CT	Cape Town	889.30	923.77	84.9	109.4	103.9
CW	Crocodile West	443.39	420.29	89.3	94.5	94.8
IV	IVRS	10535.76	9557.39	93.9	91.5	90.7
KP	Klipplaat	57.09	57.20	101.3	100.7	100.2
LV	Luvuvhu	224.75	219.94	100.1	97.8	97.9
MH	Umhlatuze	301.25	296.28	97.4	98.7	98.3
OR	Orange	7995.81	7313.21	95.5	92.3	91.5
PK	Polokwane	254.27	244.73	96.7	96.8	96.3
UM	Umgeni	920.90	799.01	94.8	87.5	86.8

Summary District Municipalities		Full Supply Capacity	Water in Storage	Last Yr. 20221002	Last Wk. 20230925	Today 20231002
		10 <sup>6</sup> M <sup>3</sup>	10 <sup>6</sup> M <sup>3</sup>	%Full	%Full	%Full
BUF	Buffalo City	140.88	141.79	101.1	98.9	100.6
CPT	City of Cape Town	65.69	67.29	91.5	104.1	102.4
DC1	West Coast	132.97	131.45	86.8	103.0	98.9
DC10	Sarah Baartman	518.97	323.47	26.3	48.5	62.3
DC12	Amathole	263.43	256.82	89.8	97.5	97.5
DC13	Chris Hani	544.24	480.33	89.5	87.0	88.3
DC14	Joe Gqabi	9.47	9.26	100.5	97.8	97.8
DC15	O.R.Tambo	250.37	238.88	100.6	95.5	95.4
DC16	Xhariep	8320.95	7628.93	95.6	92.5	91.7
DC18	Lejweleputswa	1623.49	1545.54	92.8	97.2	95.2
DC19	Thabo Mofutsanyane	2678.92	2656.95	99.2	99.4	99.2
DC2	Cape Winelands	873.29	790.86	74.0	90.6	90.6
DC20	Fezile Dabi	42.31	38.84	93.6	91.8	91.8
DC22	Umgungundlovu	711.13	603.14	92.6	85.8	84.8
DC23	Uthukela	690.65	637.54	94.5	92.8	92.3
DC25	Amajuba	378.83	297.95	83.1	79.2	78.7
DC26	Zululand	132.13	118.35	96.4	89.8	89.6
DC27	Umkhanyakude	2421.13	2015.05	78.2	83.5	83.2
DC28	Uthungulu	301.25	296.28	97.4	98.7	98.3
DC3	Overberg	533.63	564.10	84.6	114.5	105.7
DC30	Gert Sibande	1170.19	1054.35	95.4	90.5	90.1
DC31	Nkangala	718.17	696.88	84.6	97.0	97.0
DC32	Ehlanzeni	650.21	620.91	90.9	95.7	95.5
DC33	Mopani	404.37	199.69	48.8	49.8	49.4
DC34	Vhembe	297.45	285.69	98.7	96.2	96.0
DC35	Capricorn	25.51	16.37	60.8	65.0	64.2
DC36	Waterberg	218.27	212.95	99.4	98.0	97.6
DC37	Bojanala	459.73	424.26	84.2	92.4	92.3
DC38	Ngaka Modiri Molema	301.09	194.96	50.6	66.1	64.7
DC39	Dr Ruth Segomotsi Mompati	61.37	58.09	98.1	99.8	94.7
DC4	Eden	159.07	127.64	40.8	75.0	80.2
DC40	Dr Kenneth Kaunda	45.10	43.66	100.8	96.5	96.8
DC42	Sedibeng	2657.06	2131.29	93.9	81.5	80.2
DC44	Alfred Nzo	2.03	1.78	96.4	88.0	88.0
DC47	Sekhukhune	534.46	526.36	98.9	98.7	98.5
DC48	West Rand	13.30	13.54	101.0	101.8	101.8
DC5	Central Karoo	103.49	97.31	39.0	96.1	94.0
DC6	Namakwa	0.95	0.95	20.8	101.4	100.0
DC7	Pixley ka Seme	36.86	40.72	107.9	109.0	110.5
DC9	Frances Baard	108.51	84.09	90.7	80.9	77.5
ETH	eThekweni	274.54	239.36	94.3	87.6	87.2
MAN	Mangaung	333.96	317.98	97.5	95.8	95.2
TSH	City of Tshwane	114.78	110.08	96.3	95.0	95.9

## 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 %.