



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

EdTM

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MINISTER OF WATER AND SANITATION

NATIONAL COUNCIL OF PROVINCES: QUESTION ★89 FOR ORAL REPLY

A draft reply to the above mentioned question asked by Mr C F B Smit (Limpopo: DA) is attached for your consideration.

DIRECTOR-GENERAL

DATE:

25/05/2017

DRAFT REPLY APPROVED/AMENDED

**MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION**

DATE:

07.05.17

NATIONAL COUNCIL OF PROVINCES

FOR ORAL REPLY

QUESTION NO ★89

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 26 APRIL 2017
(INTERNAL QUESTION PAPER NO. 10)

★89. Mr C F B Smit (Limpopo: DA) to ask the Minister of Water and Sanitation:

- (a) At what level are all the (i) dams and (ii) reservoirs in each province and (b) what plans are in place to mitigate the issue? CO132E

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REPLY:

- (a)(i) The levels of dams in the country are reported by my Department on weekly basis by Mondays and the report is published every Tuesday.

The reports can be accessed on the internet at: <http://www.dwa.gov.za/Hydrology/Weekly/Weekly.pdf>. Attached is the latest report for dam levels as at 24 April 2017.

- (a)(ii) Reservoirs and dams are considered as one, as indicated on the title of the attached weekly dams report.
- (b) Intervention plans relating to high risk dams differ based on circumstances and are available per dam. Domestic use restrictions and irrigations restrictions are put in place depending on the status/risk of the dam. Local tankering, groundwater exploration and ministerial borehole programs are some of the mitigation measures put in place by the Department to alleviate impacts of drought in critical areas.

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Department of Water and Sanitation

Weekly State of the Reservoirs on

2017-04-24

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	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 ⁶ M ³	Water in Dam 10 ⁶ M ³	Last Year %Full	Last Week %Full	2017-04-24 %Full
A											
A1	A1R001	Ngotwane	Ngotwane	1	NW		19.033	18.538	7.6	99.1	97.4
A2	A2R001	Hartbeespoort	Krokodil	1	NW	CW	186.44	185.82	97.2	98.8	99.7
	A2R002	Bon Accord	Apies	1	G		4.381	4.603	103.1	105.1	105.1
	A2R003	Olifantsnek	Hex	1	NW		13.677	10.270	35.4	75.3	75.1
	A2R004	Rietvlei	Hennops	1	G	CW	12.250	12.403	100.9	102.7	101.3
	A2R005	Buffelspoort	Sterkstroom	1	NW		10.183	10.237	84.5	100.7	100.5
	A2R006	Bospoort	Hex	1	NW	CW	15.799	16.102	100.8	101.9	101.9
	A2R007	Lindleyspoort	Elands	1	NW		14.208	14.066	2.7	99.4	99.0
	A2R008	-Warmbad	Buffelspruit	1	LP		0.549	# 0.400	# 78.2	# 73.0	# 73.0
	A2R009	Roodeplaat	Pienaars	1	G	CW	41.158	41.197	98.7	100.2	100.1
	A2R011	Koster	Koster	1	NW		12.417	12.495	31.6	100.4	100.6
	A2R012	Klipvoor	Pienaars	1	NW	CW	40.735	41.188	100.7	101.1	101.1
	A2R013	Swartruggens	Elands	1	NW		0.475	0.484	0.7	102.3	102.0
	A2R014	Vaalkop	Elands	1	NW	CW	51.315	46.369	62.0	92.7	90.4
	A2R015	Rodekopjes	Krokodil	1	NW	CW	102.33	105.61	102.8	101.4	103.2
	A2R018	Middelkraal	Marellwane	1	NW		0.736	0.736	# 54.1	100.0	100.0
A3	A3R001	Marico-Bosveld	Groot-Marico	1	NW		26.963	26.885	15.0	100.2	99.7
	A3R002	Klein Maricopoort	Klein-Marico	1	NW		7.073	5.636	20.4	80.5	79.7
	A3R003	Kromellenboog	Klein-Marico	1	NW		8.956	8.576	16.3	97.0	95.8
	A3R004	Molatedi	Groot-Marico	1	NW		200.79	126.06	38.8	63.2	62.8
	A3R005	Sehujwane	Sehujane	1	NW		3.614	3.332	93.8	94.9	92.2
	A3R006	Madikwe	Tholwane	1	NW		15.938	16.423	38.2	104.0	103.0
	A3R007	Pella	Lethlakane	1	NW		2.111	1.973	40.0	79.3	93.4
A4	A4R001	Mokolo	Mokolo	1	LP		145.37	145.86	83.0	100.6	100.3
A6	A6R001	Doorndraai	Sterk	1	LP		43.764	28.473	70.6	65.4	65.1
	A6R002	Glen Alpine	Mogalakwena	1	LP		18.889	19.075	25.0	101.7	101.0
A7	A7R002	Houtrivier	Hout	1	LP		6.625	3.540	66.5	53.9	53.4
A8	A8R001	Nzhelele	Nzhelele	1	LP		51.234	30.754	34.6	59.7	60.0
	A8R002	Luphephe	Luphephe	1	LP		13.984	12.916	17.1	92.8	92.4
	A8R003	Nwanedzi	Nwanedzi	1	LP		5.144	4.676	48.8	91.3	90.9
	A8R004	&& Mutshedzi	Mutshedzi	1	LP		2.336	2.371	46.4	96.1	101.5
A9	A9R001	Albasini	Luvuvhu	1	LP	LV	28.199	23.911	67.0	84.9	84.8
	A9R002	Vondo	Mutshindudi	1	LP	LV	30.447	30.732	61.0	100.9	100.9
	A9R004	Nandoni	Levhuvhu	1	LP	LV	166.11	168.27	66.5	101.2	101.3
	Subtotal						1303.23	1179.98	67.5	90.5	90.5
B											
B1	B1R001	Witbank	Olifants	2	M		104.02	105.98	62.8	101.2	101.9
	B1R002	Middelburg	Little Olifants	2	M		48.056	31.917	54.9	66.4	66.4
B2	B2R001	Bronkhorstspuit	Bronkhorstspuit	2	G		56.994	47.608	75.2	83.8	83.5
B3	B3R001	Rust De Winter	Elands	2	LP		28.186	23.835	55.3	83.8	84.6
	B3R002	Loskop	Olifants	2	M		361.51	348.99	59.4	95.4	96.5
	B3R005	Rhenosterkop	Elands	2	M		204.58	43.175	24.7	21.3	21.1
B4	B4R001	Tonteldoos	Tonteldoos	2	LP		0.189	0.190	100.0	100.3	100.3
	B4R002	Vlugkraal	Vlugkraal	2	LP		0.443	0.445	63.0	100.3	100.3
	B4R004	Buffelskloof	Waterval	2	M		5.244	5.263	44.6	100.5	100.3
	B4R007	De Hoop	Steelpoort	2	LP		348.70	349.71	91.8	100.5	100.3
B5	B5R002	Flag Boshielo	Olifants	2	LP	PK	185.13	96.459	42.3	52.1	52.1
B6	B6R001	Ohrigstad	Ohrigstad	2	M		13.448	13.045	8.1	97.5	97.0
	B6R003	Blyderivierpoort	Blyde	2	M		54.369	54.602	74.6	100.5	100.4
B7	B7R001	Klaserie	Klaserie	2	LP		5.604	5.654	60.0	100.8	100.9
	B7R003	Tours	Ngwabitsi	2	LP		6.084	6.078	49.7	99.8	99.9
B8	B8R001	Ebenezer	Groot-Letaba	2	LP	PK	69.139	69.448	78.5	100.5	100.5
	B8R002	Hans Merensky	Ramadiepa	2	LP		1.225	1.253	100.8	102.3	102.3
	B8R003	Magoebaskloof	Politsi	2	LP		4.840	4.915	100.4	100.6	101.6
	B8R004	Vergelegen	Politsi Tributary	2	LP		0.254	0.260	96.3	101.6	102.6
	B8R005	Tzaneen	Groot-Letaba	2	LP		156.53	96.850	38.0	61.4	61.9
	B8R006	Dap Naude	Broederstroom	2	LP		1.936	1.962	95.8	100.9	101.3
	B8R007	Middel-Letaba	Middel-Letaba	2	LP		171.93	42.988	28.3	25.1	25.0
	B8R009	Nsami	Nsami	2	LP		21.874	20.162	13.0	92.6	92.2
	B8R011	Modjadji	Molototsi	2	LP		7.196	4.820	42.9	67.4	67.0
	Subtotal						1857.48	1375.61	56.1	73.8	74.1

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ M ³	Water in Dam 10 ⁶ M ³	Last Year %Full	Last Week %Full	2017-04-24 %Full
C											
C1	C1R001	Vaal	Vaal	5	FS	IV	2603.45	2687.91	44.5	103.9	103.2
	C1R002	Grootdraai	Vaal	5	M	IV	349.53	332.33	89.7	95.9	95.1
C2	C2R001	Boskop	Mooi	5	NW		21.026	21.215	70.8	100.9	100.9
	C2R002	Johan Nesper	Skoonspruit	5	NW		5.672	5.643	0.0	101.7	99.5
	C2R003	Klerkskraal	Mooi	5	NW		7.922	8.111	82.4	102.4	102.4
	C2R004	Potchefstroom	Mooi	5	NW		2.027	2.043	93.8	102.3	100.8
	C2R005	Klipdrift	Loop Spruit	5	NW		13.301	13.541	65.4	102.2	101.8
	C2R006	Elandskuil	Swartleegte	5	NW		1.181	0.702	5.7	49.0	59.4
	C2R007	Rietspruit	Rietspruit	5	NW		7.275	6.575	0.0	91.6	90.4
C3	C3R002	Spitskop	Harts	5	NC		57.831	59.099	35.4	102.6	102.2
	C3R006	Taung	Harts	5	NW		61.366	# 60.256	82.3	98.2	# 98.2
C4	C4R001	Allemanskraal	Sand	5	FS		174.52	88.417	11.4	50.9	50.7
	C4R002	Erfenis	Groot-Vet	5	FS		206.06	162.39	10.7	79.4	78.8
C5	C5R001	Tierpoort	Tierpoort	6	FS		33.995	2.416	0.0	7.3	7.1
	C5R002	Kalkfontein	Riet	6	FS		325.13	44.455	5.7	13.8	13.7
	C5R003	Rustfontein	Modder	6	FS	BF	71.208	30.553	24.3	43.8	42.9
	C5R004	Krugersdrift	Modder	6	FS		71.479	42.960	10.8	60.6	60.1
	C5R005	Groothoek	Kgabanyane	6	FS	BF	11.905	2.224	0.0	18.9	18.7
C7	C7R001	Koppies	Renoster	5	FS		42.311	41.625	34.0	98.7	98.4
C8	C8R003	~Sterkfontein	Nuwejaar Spruit	5	FS	IV	2616.90	2346.98	88.5	89.7	89.7
	C8R004	~Saulspoort	Liebenbergvlei	5	FS		15.675	15.901	102.0	100.5	101.4
	C8R008	Fika-Patso	Namahadi	5	FS		29.411	# 20.534	19.1	69.8	# 69.8
C9	C9R001	~Vaalharts Storage Weir	Vaal	5	NC		50.682	45.782	86.0	88.8	90.3
	C9R002	Bloemhof	Vaal	5	FS	IV	1240.24	1257.52	19.0	101.2	101.4
	C9R003	~Douglas Storage Weir	Vaal	6	NC		16.245	17.833	108.5	110.3	109.8
	Subtotal						8036.34	7317.02	53.6	91.3	91.0
D											
D1	D1R001	Sterkspruit	Sterkspruit	6	EC		9.473	# 8.660	101.3	# 91.4	# 91.4
	D1R002	*Katse	Malibamatso	10	L	IV	1519.10	745.44	64.7	49.9	49.1
	D1R003	Mohale	Sequnyane	10	L	IV	857.10	543.25	28.8	63.3	63.4
D2	D2R001	Egmont	Witspruit	6	FS		9.059	8.912	18.2	98.9	98.4
	D2R002	Armenia	Leeu	6	FS		12.957	12.203	9.2	94.5	94.2
	D2R004	~Welbedacht	Caledon	6	FS	BF	9.592	10.547	99.5	103.9	110.0
	D2R006	Knellpoort	Rietspruit	6	FS	BF	130.00	70.723	34.1	53.2	54.4
D3	D3R002	Gariep	Orange	6	FS		5196.04	4808.22	54.6	92.9	92.5
	D3R003	Vanderkloof	Orange	6	FS		3171.30	2022.21	59.9	62.8	63.8
D4	D4R003	Disaneng	Molopo	5	NW		14.125	13.999	42.5	99.1	99.1
	D4R004	Setumo	Molopo	5	NW		20.718	20.500	40.9	98.5	98.9
D7	D7R001	~Boegoeburg	Orange	6	NC		19.815	20.395	86.7	105.2	102.9
	Subtotal						10969.28	8285.06	55.3	75.5	75.5
E											
E1	E1R001	Bulshoek	Olifants	9	WCw		4.809	2.810	57.2	68.5	58.4
	E1R002	Clanwilliam	Olifants	9	WCw		122.48	10.567	9.7	10.2	8.6
E4	E4R001	Karee	Karee	9	NC		0.949	0.000	8.6	0.0	0.0
	Subtotal						128.24	13.38	11.4	12.3	10.4
G											
G1	G1R001	Voëlvele	Voëlvele	9	WCw	CT	158.58	31.173	20.5	20.7	19.7
	G1R002	Wemmershoek	Wemmers	9	WCw	CT	58.710	21.265	49.3	36.2	36.2
	G1R003	~Misverstand	Berg	9	WCw		6.439	6.161	101.3	96.1	95.7
	G1R004	Berg River	Berg	9	WCw	CT	127.05	40.525	23.1	32.2	31.9
G4	G4R001	~Steenbras	Steenbras	9	WCw	CT	33.880	10.121	37.3	31.3	29.9
	G4R002	Eikenhof	Palmiet	8	WCw		28.856	11.897	50.5	42.3	41.2
	G4R007	~Steenbras dam-Upper	Steenbras	9	WCw	CT	31.811	17.222	55.3	49.1	54.1
	G4R010	De Bos	Onrus	8	WCw		5.735	3.438	64.9	61.2	59.9
	Subtotal						451.06	141.80	32.3	31.7	31.4

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ M ³	Water in Dam 10 ⁶ M ³	Last Year %Full	Last Week %Full	2017-04-24 %Full
H											
H1	H1R001	Brandvlei	Brandvlei	8	WCw		286.04	33.185	15.9	12.4	11.6
	H1R002	Stettynskloof	Holsloot	8	WCw		14.747	5.454	42.6	38.0	37.0
	H1R003	Ceres	Koekedou	8	WCw		17.250	8.630	11.7	51.7	50.0
H2	H2R001	Roode Elsberg	Sanddrifskloof	8	WCw		7.727	1.564	15.6	21.5	20.2
	H2R002	Lakenvallei	Sanddrifskloof	8	WCw		10.264	8.685	86.1	84.8	84.6
H3	H3R001	Poortjies Kloof	Groot	8	WCw		9.720	4.230	74.5	43.5	43.5
	H3R002	Pietersfontein	Pietersfontein	8	WCw		1.984	1.237	81.1	62.8	62.3
H4	H4R002	Keerom	Nuy	8	WCw		9.750	3.703	60.3	38.0	38.0
	H4R003	Klipberg	Konings	8	WCw		1.978	0.331	51.2	16.7	16.7
	H4R004	Kwaggaskloof	Kwaggaskloof	8	WCw		169.41	28.195	23.1	17.5	16.6
H6	H6R001	Thee Waters Kloof	Riviersonderend	8	WCw	CT	479.26	83.703	31.5	18.4	17.5
	H6R002	Elandskloof	Elands	8	WCw		10.993	1.499	20.4	14.4	13.6
H7	H7R001	Buffelsjags	Buffelsjags	8	WCo		4.543	4.281	97.3	97.5	94.2
H8	H8R001	Duiwenhoks	Duiwenhoks	8	WCo		6.180	4.907	98.0	81.3	79.4
H9	H9R001	Korentepoort	Korinte	8	WCo		8.092	4.317	97.5	54.6	53.4
	Subtotal						1037.94	193.92	28.0	19.5	18.7
J											
J1	J1R001	Prinsrivier	Prins	8	WCo		2.258	0.000	16.2	0.0	0.0
	J1R002	Bellair	Brak	8	WCo		4.241	1.643	72.0	40.6	38.7
	J1R003	Floris Kraal	Buffels	8	WCo		48.266	2.280	6.9	4.8	4.7
	J1R004	Miertjies Kraal	Brand	8	WCo		1.517	0.011	14.2	0.8	0.7
J2	J2R001	Calitzdorp	Nels	8	WCo		4.817	1.642	79.8	37.2	34.1
	J2R002	Leeugamka	Leeu	8	WCo		13.584	3.352	19.3	26.0	24.7
	J2R003	Oukloof	Cordiers	8	WCo		4.190	0.806	45.5	19.5	19.2
	J2R004	Gamka	Gamka	8	WCo		1.820	0.000	39.7	2.2	0.0
	J2R006	Gamkapaort	Gamka	8	WCo		36.234	0.000	0.0	0.0	0.0
J3	J3R001	Kammanassie	Kammanassie	8	WCo		34.354	2.129	56.1	6.3	6.2
	J3R002	Stompdrift	Olifants	8	WCo		46.267	3.035	37.6	6.7	6.6
	Subtotal						197.55	14.90	26.7	7.83	7.54
K											
K1	K1R001	Hartebeestkuil	Hartenbos	8	WCo		7.133	2.041	64.1	29.3	28.6
	K1R002	Klipheuwel	Hartenbos	8	WCo		4.450	2.930	95.6	67.9	65.8
K2	K2R001	Ernest Robertson	Grootbrak	8	WCo		0.415	0.292	93.4	74.2	70.4
	K2R002	Wolwedans	Grootbrak	8	WCo		24.626	21.312	96.9	87.1	86.5
K3	K3R002	Garden Route	Swart	8	WCo		9.979	6.998	86.1	71.8	70.1
K6	K6R001	Roodefountain	Piesang	8	WCo		1.990	1.283	94.9	65.5	64.5
K9	K9R001	Kromrivier	Krom	7	EC	AL	35.240	5.869	77.8	17.8	16.7
	K9R002	Impofu	Krom	7	EC	AL	105.76	71.402	89.4	68.0	67.5
	Subtotal						189.59	112.13	87.3	59.9	59.1
L											
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	31.758	74.0	26.0	25.2
	L8R002	Haarlem	Groot	7	WCo		4.603	1.021	64.1	24.1	22.2
L9	L9R001	-Loerie	Loerie Spruit	7	EC	AL	3.026	1.036	22.4	35.5	34.3
	Subtotal						219.32	33.82	44.1	15.9	15.4
M											
M1	M1R001	Groendal	Swartkops	7	EC	AL	11.638	6.637	86.0	57.3	57.0
	Subtotal						11.64	6.637	86.0	57.3	57.0

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ M ³	Water in Dam 10 ⁶ M ³	Last Year %Full	Last Week %Full	2017-04-24 %Full
N											
N1	N1R001	Nqweba (Van Ryneveldspas)	Sondags	7	EC		44.718	8.673	36.5	19.6	19.4
N2	N2R001	Darlington	Sondags	7	EC		180.83	67.671	34.5	36.4	37.4
	Subtotal						225.55	76.34	34.9	33.1	33.8
Q											
Q1	Q1R001	~Grassridge	Groot Brak	7	EC		46.190	24.113	39.3	49.1	52.2
Q4	Q4R002	Kommando drift	Tarka	7	EC		55.870	25.875	62.1	47.0	46.3
Q5	Q5L001	~Elands Drift	Great Fish	7	EC		3.546	1.356	68.5	65.6	38.3
Q8	Q8R001	~De Mist Kraal	Little Fish	7	EC		2.053	1.592	96.7	86.7	77.5
Q9	Q9L001	Glen Melville	Water from Fish river via Eccatunnel	7	EC		6.229	4.268	81.4	72.0	68.5
	Q9R001	Katrivier	Kat	7	EC		24.682	20.965	100.2	85.2	84.9
	Subtotal						138.57	78.17	62.8	56.7	56.4
R											
R1	R1R001	Sandile	Keiskamma	7	EC		29.656	20.123	91.2	68.4	67.9
	R1R003	Binfield	Tyume	7	EC		36.849	34.379	100.0	93.9	93.3
R2	R2L001	Debe	Debe	7	EC		6.331	3.751	84.9	59.9	59.2
	R2R001	Laing	Buffalo	7	EC	AM	18.904	18.661	100.1	98.9	98.7
	R2R002	Rooikrantz	Buffalo	7	EC	AM	4.799	4.753	98.0	99.7	99.0
	R2R003	Bridle Drift	Buffalo	7	EC	AM	97.923	45.965	81.2	47.7	46.9
R3	R3R001	Nahoon	Nahoon	7	EC	AM	19.247	10.205	71.4	55.5	53.0
	Subtotal						213.71	137.84	87.1	65.3	64.5
S											
S1	S1L001	Macubeni	Cacadu	7	EC		3.373	3.322	97.1	98.7	98.5
	S1R001	Xonxa	White Kei	7	EC		115.86	115.86	99.9	100.1	100.0
S2	S2R001	Lubisi	Indwe	7	EC		158.00	71.983	63.5	45.7	45.6
	S2R002	Doornrivier	Doorn	7	EC		17.099	9.830	56.8	57.9	57.5
S3	S3L001	Boesmansk rantz	Oxkraal	7	EC	KP	4.818	1.092	85.3	23.5	22.7
	S3R001	Waterdown	Klipplaat	7	EC	KP	37.441	25.414	97.5	68.8	67.9
	S3R003	Oxkraal	Oskraal	7	EC	KP	14.829	4.272	57.2	28.0	28.8
S5	S5R001	Ncora	Tsomo	7	EC		147.28	135.69	71.4	92.7	92.1
	S5R002	Tsojana	Tsojana	7	EC		12.272	12.058	98.7	98.1	98.3
S6	S6R001	Gubu	Gubu	7	EC	AM	8.504	8.226	99.4	97.0	96.7
	S6R002	Wriggleswade	Kubisi	7	EC	AM	91.471	84.257	98.0	92.2	92.1
S7	S7R001	Gcuwa	Gcuwa	7	EC		0.421	0.403	99.0	100.0	95.7
	S7R002	Xilinxa	Xilinxa	7	EC		13.823	0.492	24.5	3.7	3.6
	S7R003	Toleni	Toleni	7	EC		0.177	0.005	46.7	# 21.5	2.6
	Subtotal						625.37	472.90	79.5	75.9	75.6
T											
T2	T2R001	Umtata	Mtata	7	EC		244.67	245.36	100.4	100.4	100.3
	T2R002	Mabeleni	Mhlahlane	7	EC		2.099	2.099	100.0	# 100.0	100.0
	T2R003	Corana	Corana	7	EC		0.725	0.027	31.9	4.6	3.7
T3	T3R001	Belfort	Mafube	7	EC		0.413	0.411	94.4	# 100.0	99.4
	T3R003	Ntenetyana	Ntenetyana	7	EC		1.615	1.654	57.3	102.9	102.4
	T3R004	Nqadu	Nqadu	7	EC		1.274	0.344	49.9	27.1	27.0
T7	T7R001	Mlanga	Mlanga	7	EC		1.597	0.000	7.7	0.0	0.0
	Subtotal						252.39	249.90	99.1	99.1	99.0

	Station	Reservoir	River	WMA	Prov	WSS	Full Supply Capacity 10 ⁶ M ³	Water in Dam 10 ⁶ M ³	Last Year %Full	Last Week %Full	2017-04-24 %Full
U											
U2	U2R001	Midmar	Mgeni	4	KN	UM	235.42	183.42	45.8	77.7	77.9
	U2R002	Nagle	Mgeni	4	KN	UM	23.236	14.590	82.0	60.7	62.8
	U2R003	Albert-Falls	Mgeni	4	KN	UM	288.14	102.84	33.7	36.1	35.7
	U2R004	Inanda	Mgeni	4	KN	UM	237.40	156.36	78.1	66.2	65.9
U3	U3R001	Hazelmere	Mdloti	4	KN		17.676	18.448	42.6	105.9	104.4
	Subtotal						801.87	475.66	52.0	59.5	59.3
V											
V1	V1R001	Spioenkop	Tugela	4	KN		270.64	271.21	69.6	100.4	100.2
	V1R002	-Driel Barrage	Tugela	4	KN		8.694	8.895	103.7	# 103.3	102.3
	V1R003	-Woodstock	Tugela	4	KN	IV	373.25	200.78	87.3	53.8	53.8
V2	V2R001	Craigie Burn	Mnyamvubu	4	KN		22.466	21.319	61.9	94.9	94.9
	V2R002	Mearns	Mooi	4	KN		5.163	4.920	34.0	100.6	95.3
	V2R003	Spring Grove	Mooi	4	KN	UM	139.20	121.31	71.2	86.8	87.1
V3	V3R001	Ntshingwayo	Ngagane	4	KN		194.56	183.76	55.9	95.0	94.4
	V3R003	Zaaihoek	Slang	4	KN	IV	184.63	81.606	56.4	# 71.8	44.2
V7	V7R001	Wagendrift	Boesmans	4	KN		55.900	56.321	100.1	100.9	100.8
	Subtotal						1254.50	950.12	72.3	79.9	75.7
W											
W1	W1R001	Goedertrou w	Mhlatuze	4	KN		301.26	90.243	21.3	30.2	30.0
W2	W2R001	Klipfontein	Wit Mfolozi	4	KN		18.086	12.118	21.4	67.0	67.0
W3	W3R001	Hluhluwe	Hluhluwe	4	KN		25.893	9.257	16.1	36.2	35.8
W4	W4R001	Pongolapoo rt	Phongolo	4	KN		2267.07	926.25	44.9	41.0	40.9
W5	W5R001	Jericho	Mpama	3	M	IV	59.273	43.094	80.3	73.7	72.7
	W5R002	Westoe	Usutu	3	M	IV	60.095	53.357	55.2	88.6	88.8
	W5R003	Morgenston d	Ngwempisi	3	M	IV	99.988	60.035	54.9	60.3	60.0
	W5R004	Heyshope	Assegaai	3	M	IV	444.94	384.82	90.9	86.7	86.5
	Subtotal						3276.61	1579.17	49.8	48.3	48.2
X											
X1	X1R001	Nooigedach l	Komati	3	M	IV	78.343	70.742	68.0	90.4	90.3
	X1R003	Vygeboom	Komati	3	M	IV	78.020	78.287	63.7	100.4	100.3
	X1R004	Driekoppies	Lomati	3	M		250.92	117.11	42.5	46.7	46.7
	X1R005	Maguga	Komati	11	S		333.75	275.75	26.9	83.0	82.6
X2	X2R001	Longmere	Wit	3	M		4.202	3.045	64.9	61.0	72.5
	X2R002	Klipkopjes	Wit	3	M		11.777	10.400	41.7	91.2	88.3
	X2R003	Witklip	Sand	3	M		12.519	12.538	45.9	100.3	100.2
	X2R004	Primkop	Wit	3	M		1.899	1.927	32.7	101.5	101.5
	X2R005	Kwena	Krokodil	3	M		158.89	116.07	46.6	72.5	73.0
X3	X3R001	Da Gama	White Waters	3	M		13.526	11.571	60.0	85.1	85.5
	X3R002	Inyaka	Marite	3	M		123.66	113.05	66.5	91.4	91.4
	Subtotal						1067.51	810.49	44.8	75.9	75.9

Total Full Supply Capacity of dams 10 ⁶ M ³	Last Year	Last Week	This Week 2017-04-24
	32257.9	32257.7	32257.7

Summary Provinces	Full Supply Capacity 10 ⁶ M ³	Water in Storage 10 ⁶ M ³	Last Year %Full	Last Week %Full	This Week %Full
EC Eastern Cape	1832.4	1140.5	72.9	62.5	62.2
FS Free State	15971.2	13676.7	54.0	85.7	85.6
G Gauteng	114.8	105.8	87.5	92.5	92.2
KN Kwazulu-Natal	4668.7	2463.6	51.7	54.0	52.8
L Lesotho	2376.2	1288.7	51.7	54.7	54.2
LP Limpopo	1521.9	1196.0	61.1	78.6	78.6
M Mpumalanga	2538.8	2011.3	64.7	79.2	79.2
NC Northern Cape	145.5	143.1	68.0	98.4	98.3
NW North West	887.4	803.4	66.1	90.5	90.5
S Swaziland	333.8	275.8	26.9	83.0	82.6
WCo Western Cape - Other rainfall	269.6	64.3	43.6	24.4	23.8
WCw Western Cape - Winter rainfall	1597.5	335.6	27.1	21.8	21.0
WC Western Cape - Total	1867.1	399.9	29.5	22.2	21.4
GRAND TOTAL	32257.7	23504.8	54.6	73.2	72.9

Summary WMA	Full Supply Capacity 10 ⁶ M ³	Water in Storage 10 ⁶ M ³	Last Year %Full	Last Week %Full	This Week %Full
1 Limpopo	1303.2	1180.0	67.5	90.5	90.5
2 Olifants	1857.5	1375.6	56.1	73.8	74.1
3 Inkomati-Usuthu	1398.1	1076.0	66.4	77.0	77.0
4 Pongola-Mtamvuna	4668.7	2463.6	51.7	54.0	52.8
5 Vaal Major	7541.2	7211.1	56.5	95.9	95.6
6 Orange	9088.2	7102.3	53.7	78.0	78.1
7 Mzimvubu-Tsitsikamma	1827.5	1132.9	72.7	62.2	62.0
8 Breede-Gouritz	1318.7	259.0	30.7	20.4	19.6
9 Berg-Olifants	544.7	139.8	26.1	26.3	25.7
10 Lesotho	2376.2	1288.7	51.7	54.7	54.2
11 Swaziland	333.8	275.8	26.9	83.0	82.6
GRAND TOTAL	32257.7	23504.8	54.6	73.2	72.9

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.

Summary Water Supply Systems	Full Supply Capacity 10 ⁶ M ³	Water in Storage 10 ⁶ M ³	Last Year %Full	Last Week %Full	This Week %Full
AL Algoa	281.6	116.7	80.2	42.1	41.4
AM Amathole	240.8	172.1	89.3	72.0	71.4
BF Bloemfontein	222.7	114.0	31.9	50.5	51.2
CT Cape Town	889.3	204.0	30.6	23.5	22.9
CW Crocodile West	450.0	448.7	95.1	99.2	99.7
IV IVRS	10564.9	8886.2	59.9	84.9	84.1
KP Klipplaat	57.1	30.8	86.0	54.4	53.9
LV Luvuvhu	224.8	222.9	65.8	99.1	99.2
PK Polokwane	254.3	165.9	52.2	65.3	65.2
UM Umgeni	923.4	578.5	55.0	62.7	62.7

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 %.