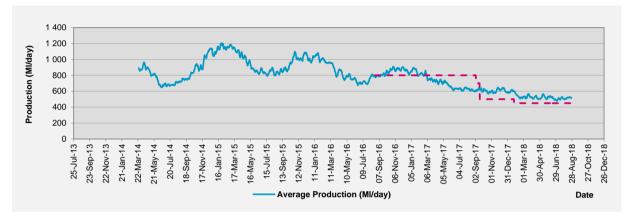
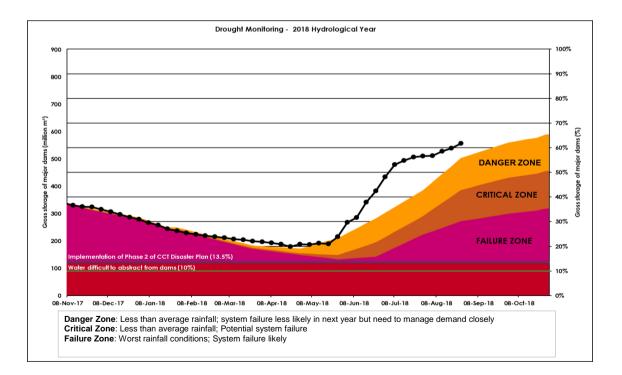


# Water Usage from large dams comprising the Western Cape Water Supply System



# Western Cape Water Supply System (WCWSS) weekly drought monitoring

This graph depicts total dam storage against potential system risk scenarios. The previous graph monitored the dam level draw down against the 2017 rainfall conditions under different restriction levels.



### Water stored in major dams comprising Western Cape Water Supply System (WCWSS)

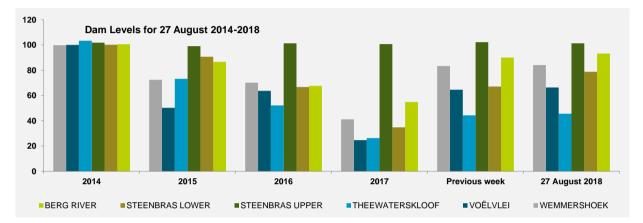
		STORAGE							
MAJOR DAMS	CAPACITY	%	%	%	%	%	%		
	MI	27 August 2018	Previous week	2017	2016	2015	2014		
BERG RIVER	130 010	93.2	90.0	54.8	67.7	86.7	100.6		
STEENBRAS LOWER	33 517	78.8	67.1	34.7	66.8	90.7	100.2		
STEENBRAS UPPER	31 767	101.3	102.2	100.7	101.4	99.1	101.8		
THEEWATERSKLOOF	480 188	45.6	44.3	26.4	52.1	73.1	103.3		
VOËLVLEI	164 095	66.3	64.6	24.7	63.7	50.3	100.0		
WEMMERSHOEK	58 644	84.1	83.4	41.2	70.2	72.5	99.8		
TOTAL STORED	898 221	556 874	539 693	306 118	538 441	650 754	915 418		
% STORAGE		62.0	60.1	34.1	59.9	72.4	101.9		

#### NOTES:

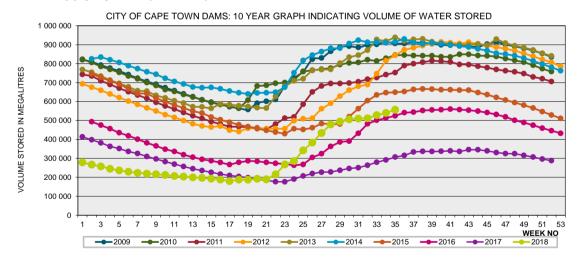
1) Capacity of the major dams of the Western Cape Water Supply System is 99.6% and that of the minor dams 0.4% of the combined capacity of the major and minor dams. Kindly note that all the Major Dams show gross capacity.

2) All figures are for 27 August for each year except for those in the second column, which gives the figures for the previous week of this year.

3) The last 10% of a dam's water is difficult to use, the useable water in the dam is approximately 10% less than the dam level.



# Ten year graph Indicating volume of water stored in major dams Comprising Western Cape Water Supply System (WCWSS)



#### Water stored in minor dams within Cape Town

	STORAGE							
MINOR DAMS	CAPACITY %		% %		%	%	%	
	MI	27 August 2018	Previous week	2017	2016	2015	2014	
ALEXANDRA (Table Mountain)	126	84.8	84.8	73.5	46.3	35.3	100.0	
DE VILLIERS (Table Mountain)	243	100.5	99.5	80.6	100.0	87.2	100.5	
HELY-HUTCHINSON (Table Mountain)	925	99.2	98.1	100.3	100.0	100.8	100.8	
KLEINPLAATS (Simon's Town)	1 368	85.2	81.6	58.7	95.6	71.6	100.0	
LAND-EN-ZEEZICHT (Helderberg)	451	100.0	100.0	69.0	47.8	30.9	0.0	
LEWIS GAY (Simon's Town)	182	68.5	63.6	95.4	100.9	100.9	100.9	
VICTORIA (Table Mountain)	128	101.9	101.9	100.8	88.2	82.3	102.3	
WOODHEAD (Table Mountain)	954	59.5	52.4	99.8	100.2	89.8	98.4	

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## Water usage from large dams comprising the Western Cape Water Supply System

The above graph tracks City of Cape Town (CCT) water usage against the Department of Water and Sanitation (DWS) restriction requirement against our unrestricted demand (or past usage).

# Water Quality Sample Pass Rate

Month	Water Quality Compliance (%)	Target (%)
Jun-17	99.65	98
Jul-17	99.62	98
Aug-17	99.59	98
Sep-17	99.57	98
Oct-17	99.57	98
Nov-17	99.49	98
Dec-17	99.44	98
Jan-17	99.43	98
Feb-18	99.38	98
Mar-18	99.38	98
Apr-18	99.26	98
May-18	99.20	98
Jun-18	99.07	98

#### Notes:

This table shows CCT drinking water quality compliance according to the South African National Standard 241:2015. Compliance, measured against all prescribed chemical and microbiological components, consistently exceeds the very high CCT target of 98%. (Overall compliance percentages of continuous sampling and analysis are released on a monthly basis. The latest available is for June).

## Rainfall

RAINFALL (mm)	20-Aug	21-Aug	22-Aug	23-Aug	24-Aug	25-Aug	26-Aug	Aug	
								Total*	LT Average
Blackheath Upper	0.0	0.0	0.0	0.0	0.0	17.0	4.5	52.7	73.5
Brooklands	4.0	0.0	2.0	0.0	1.0	20.0	5.0	99.5	140.7
Newlands	0.0	0.0	12.5	1.5	1.5	41.5	6.0	172.7	243.6
Steenbras	0.0	0.0	1.0	0.0	0.0	20.2	6.2	85.3	123.2
Table Mountain (Woodhead)	0.0	0.0	8.5	0.0	6.0	33.5		163.6	213.5
Theewaterskloof	0.0	0.0	0.0	0.0	0.0	21.9	8.5	66.9	76.7
Tygerberg	0.0	0.0	0.3	0.0	0.0	18.9	4.5	66.3	81.2
Voëlvlei	0.6	0.0	0.0	0.0	0.0	15.0	10.0	62.2	82.9
Wemmershoek	0.0	0.0	0.6	0.0	0.0	33.5	11.0	117.7	154.5
Wynberg	0.0	0.0	2.5	0.0	0.0	50.0	8.0	140.2	192.9
	Not	es: *Total/c	umulative ra	ainfall for m	onth indicate	ed above			
	Not	<b>.</b>		ong Term					

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