

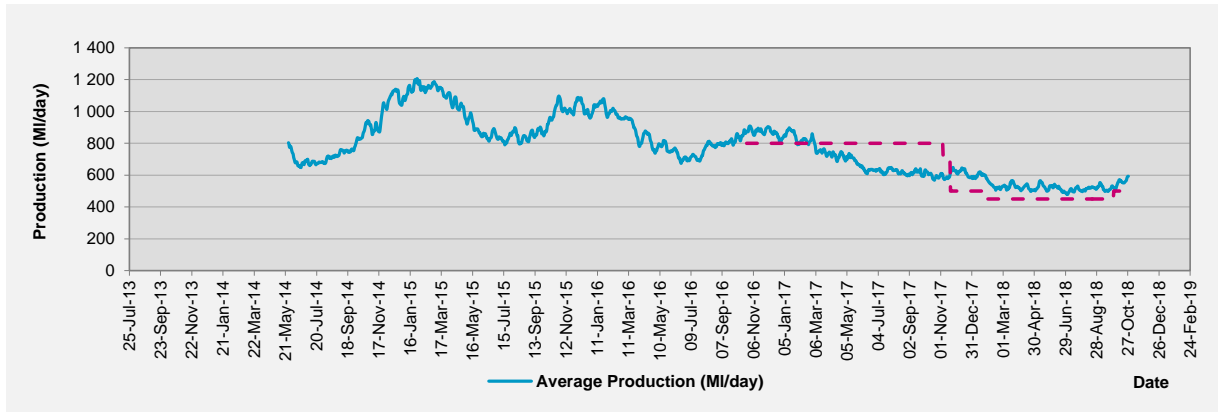


City of Cape Town: Dam Levels Report

29 October 2018

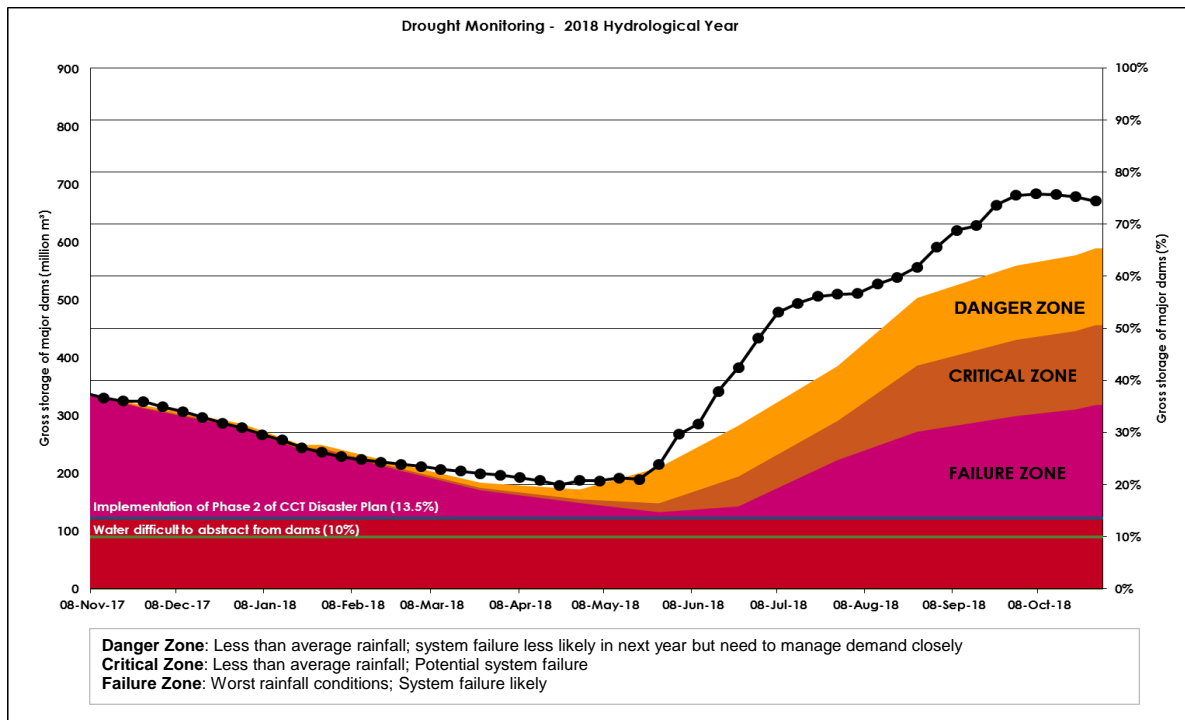
<p>DAM STORAGE (%)</p> <p>74.8</p>	<p>WEEKLY DAM LEVEL CHANGE (%)</p> <p>-0.9 ↓</p> <p>decrease since last week</p>	<p>AVG DAILY WATER USAGE (FOR THE PAST WEEK) ALL WATER SOURCES (Ml/d)</p> <p>593</p> <p>(Target 500Ml/d)</p>
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Water Usage from large 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)

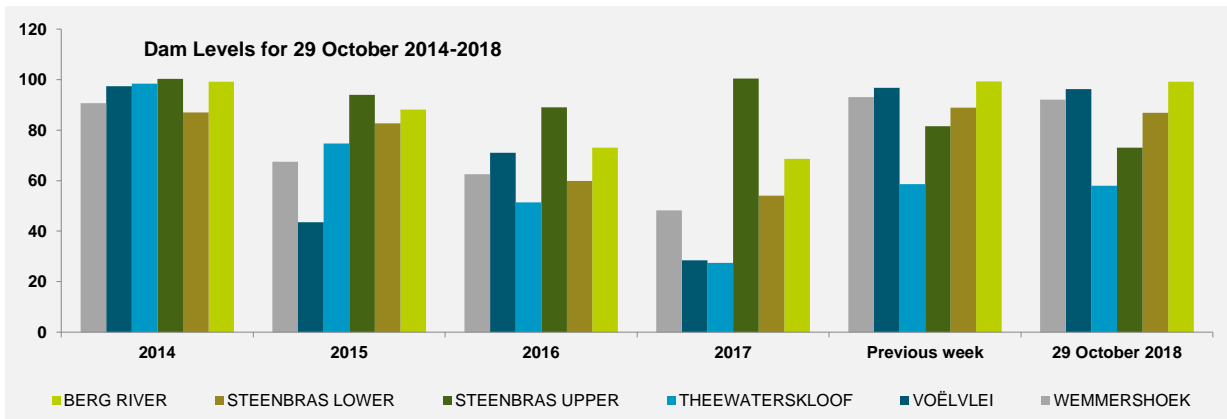
MAJOR DAMS	STORAGE						
	CAPACITY	%	%	%	%	%	%
	MI	29 October 2018	Previous week	2017	2016	2015	2014
BERG RIVER	130 010	99.2	99.3	68.7	73.1	88.2	99.2
STEENBRAS LOWER	33 517	86.9	89.0	54.1	59.9	82.7	86.9
STEENBRAS UPPER	31 767	73.0	81.5	100.4	89.1	94.0	100.3
THEEWATERSKLOOF	480 188	58.0	58.6	27.4	51.3	74.7	98.4
VOËLVLEI	164 095	96.2	96.7	28.4	71.0	43.6	97.4
WEMMERSHOEK	58 644	92.1	93.0	48.2	62.6	67.5	90.6
TOTAL STORED	898 221	671 535	679 321	345 816	543 123	642 123	875 572
% STORAGE		74.8	75.6	38.5	60.5	71.5	97.5

NOTES:

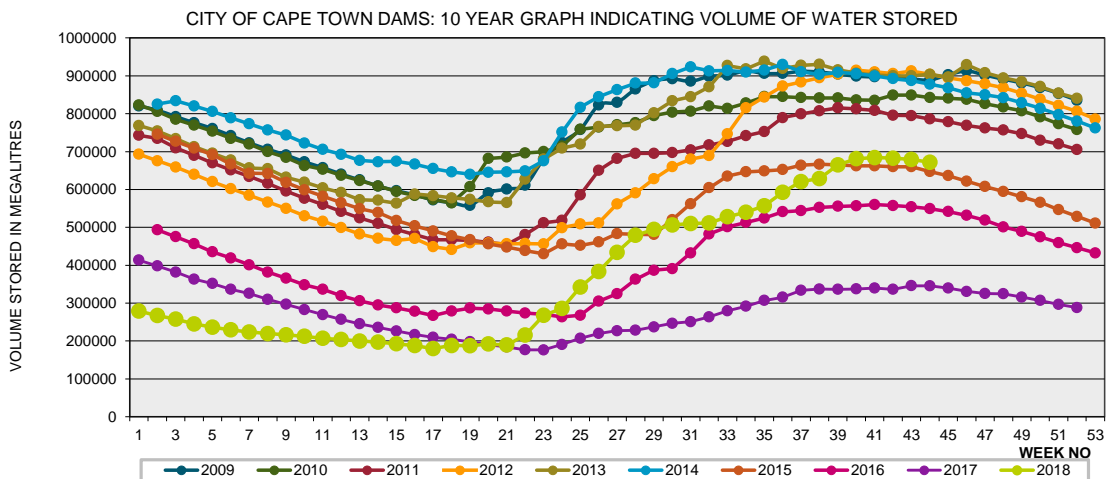
1) Capacity of the major dams of the Western Cape Water Supply System is 99.6% and that of the minor dams 0.4% of the combined capacity of the major and minor dams. Kindly note that all the Major Dams show gross capacity.

2) All figures are for 29 October 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.



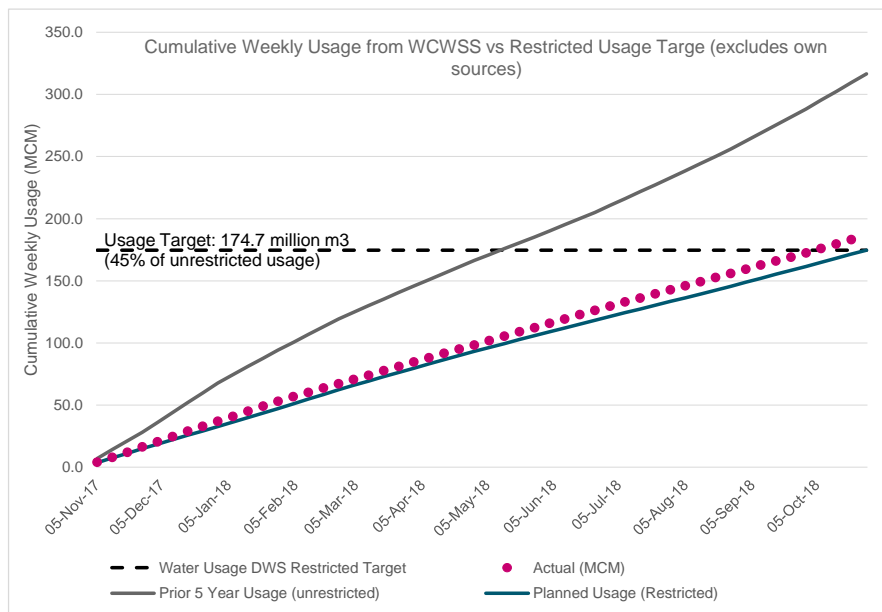
Ten year graph Indicating volume of water stored in major dams Comprising Western Cape Water Supply System (WCWSS)



Water stored in minor dams within Cape Town

MINOR DAMS	STORAGE						
	CAPACITY	%	%	%	%	%	%
	MI	29 October 2018	Previous week	2017	2016	2015	2014
ALEXANDRA (Table Mountain)	126	76.7	80.8	70.5	39.4	34.7	66.6
DE VILLIERS (Table Mountain)	243	90.4	93.7	98.4	87.5	80.6	71.3
HELly-HUTCHINSON (Table Mountain)	925	97.8	98.5	100.3	99.8	98.6	59.8
KLEINPLAATS (Simon's Town)	1 368	96.7	97.3	66.5	86.2	81.6	85.2
LAND-EN-ZEEZICHT (Helderberg)	451	99.8	100.0	100.0	71.9	60.9	0.0
LEWIS GAY (Simon's Town)	182	86.0	95.4	88.2	79.6	94.5	67.7
VICTORIA (Table Mountain)	128	96.2	98.5	100.8	100.0	98.1	95.4
WOODHEAD (Table Mountain)	954	67.3	66.9	96.1	99.6	60.5	57.8

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



AVG DAILY PRODUCTION
WCWSS LARGE DAMS
ONLY (MI/d)

564

Current % Savings

41%

(Target = 45%)

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)	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct	28-Oct	Oct	
								Total*	LT Average
Blackheath Upper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	32.0
Brooklands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	46.7
Newlands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	95.4
Steenbras	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	63.8
Table Mountain (Woodhead)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	107.6
Theewaterskloof	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	42.2
Tygerberg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	30.0
Voëlvlei	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	27.7
Wemmershoek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.7
Wynberg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	66.0

Notes: *Total/cumulative rainfall for month indicated above
LT: Long Term