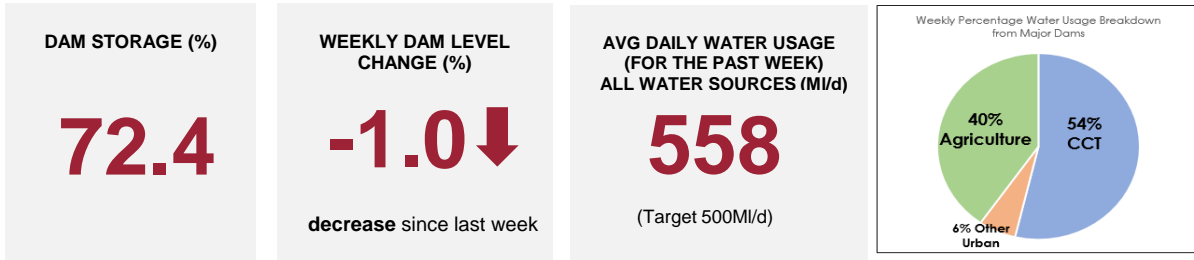


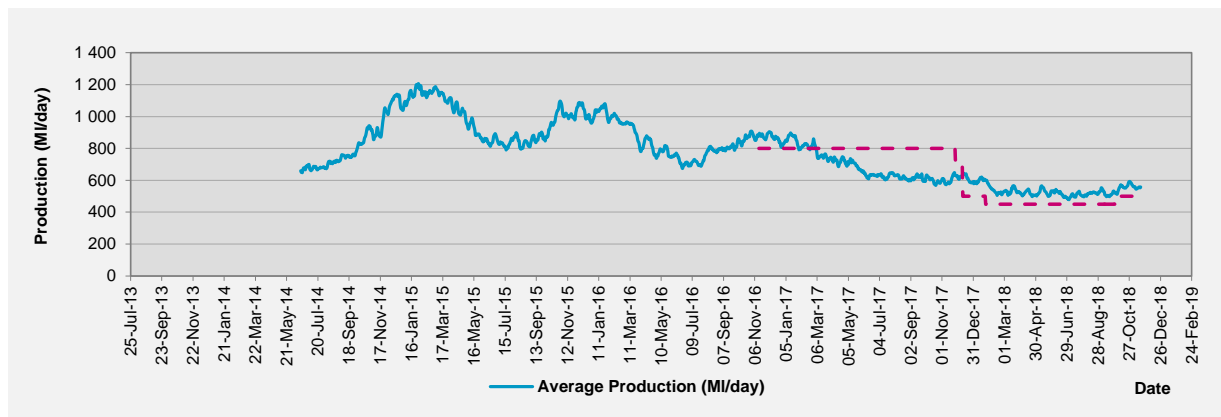
# City of Cape Town: Dam Levels Report

19 November 2018



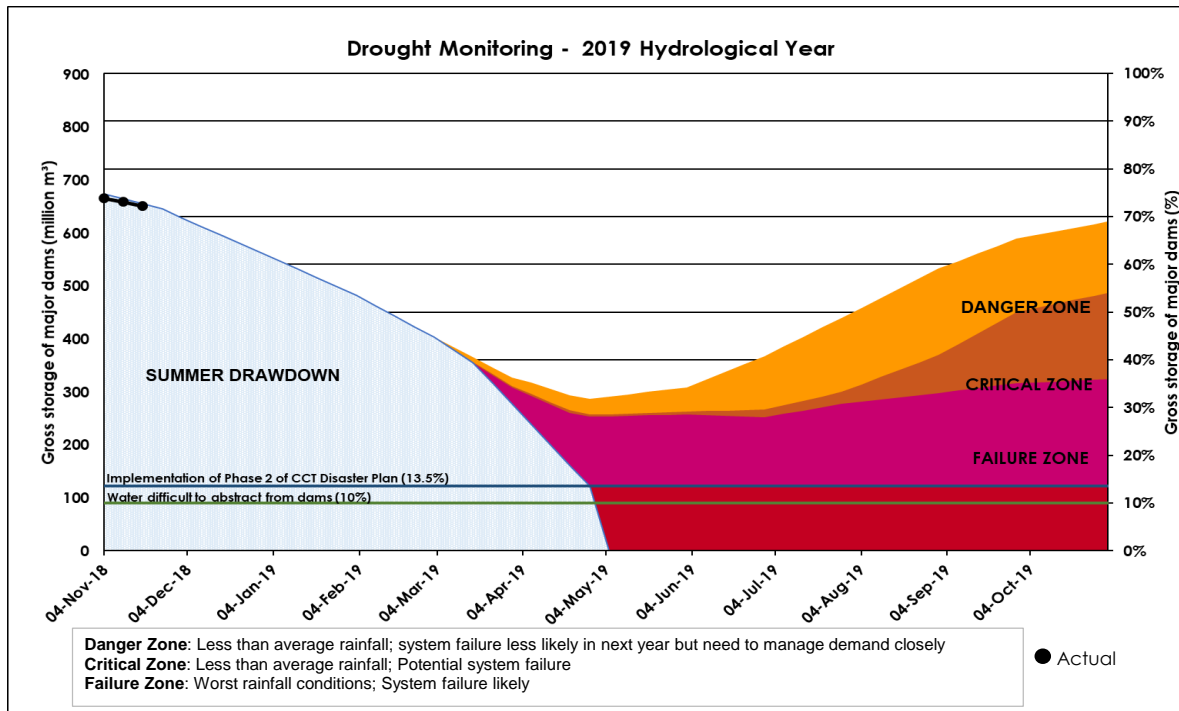
**Disclaimer:** The data depicted above is indicative and has been based on the City's own assessment of water use from the WCWSS. It is subject to official verification by the National Department of Water and Sanitation.

## 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.



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

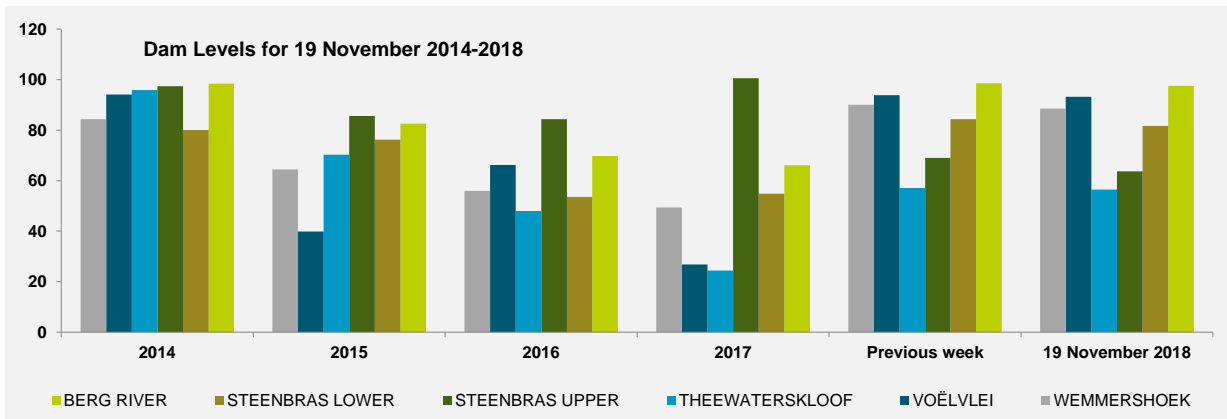
MAJOR DAMS	STORAGE								
	CAPACITY	%		%		%		%	
	MI	19 November 2018	Previous week	2017	2016	2015	2014		
BERG RIVER	130 010	97.5	98.5	66.1	69.8	82.6	98.4		
STEENBRAS LOWER	33 517	81.7	84.3	54.8	53.6	76.2	80.1		
STEENBRAS UPPER	31 767	63.7	69.0	100.5	84.4	85.7	97.4		
THEEWATERSKLOOF	480 188	56.4	57.1	24.4	47.9	70.3	95.8		
VOËLVLEI	164 095	93.2	93.9	26.7	66.3	39.9	94.1		
WEMMERSHOEK	58 644	88.5	90.0	49.4	55.9	64.5	84.3		
<b>TOTAL STORED</b>	<b>898 221</b>	<b>650 170</b>	<b>659 142</b>	<b>326 072</b>	<b>507 136</b>	<b>601 057</b>	<b>849 684</b>		
<b>% STORAGE</b>		<b>72.4</b>	<b>73.4</b>	<b>36.3</b>	<b>56.5</b>	<b>66.9</b>	<b>94.6</b>		

### NOTES:

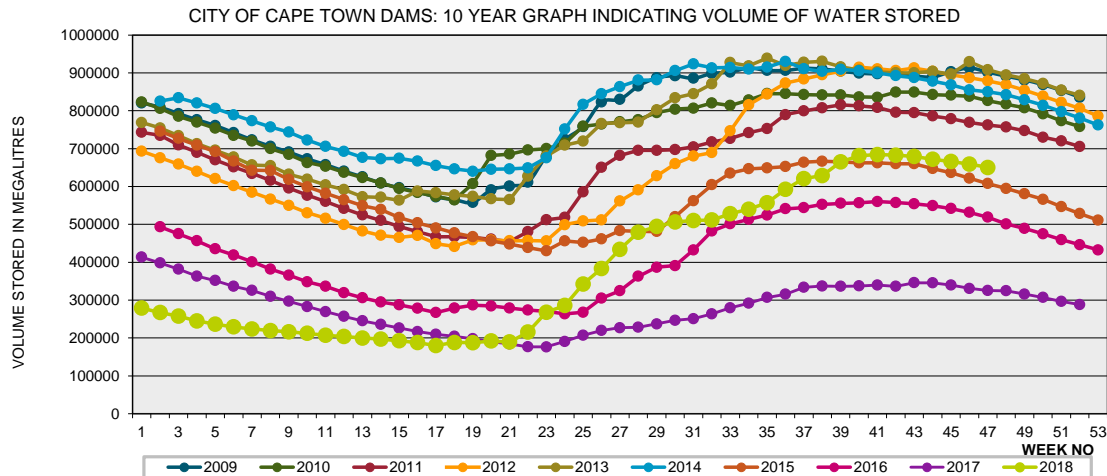
1) Capacity of the major dams of the Western Cape Water Supply System is 99.6% and that of the minor dams 0.4% of the combined capacity of the major and minor dams. Kindly note that all the Major Dams show gross capacity.

2) All figures are for 19 November 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.



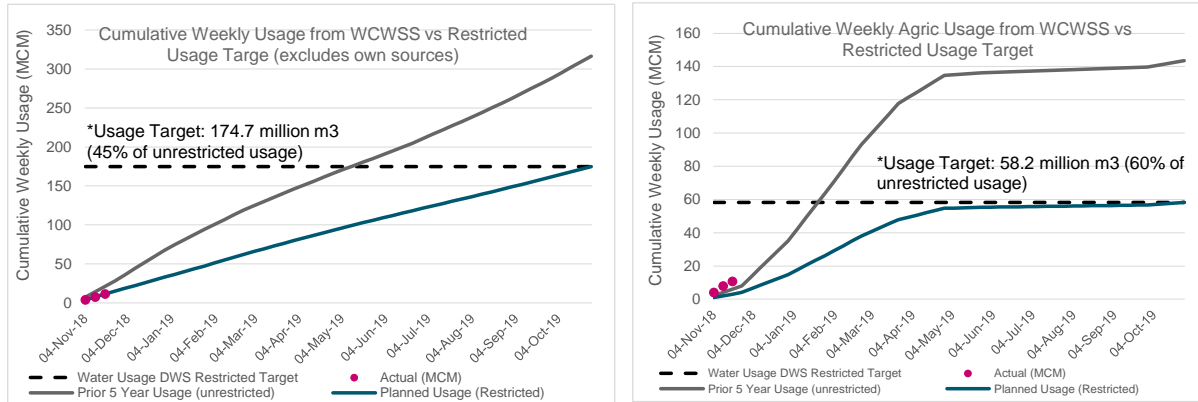
## Ten year graph Indicating volume of water stored in major dams Comprising Western Cape Water Supply System (WCWSS)



## Water stored in minor dams within Cape Town

MINOR DAMS	STORAGE								
	CAPACITY	%		%		%		%	
	MI	19 November 2018	Previous week	2017	2016	2015	2014		
ALEXANDRA (Table Mountain)	126	66.4	69.4	61.8	35.4	33.7	58.1		
DE VILLIERS (Table Mountain)	243	84.1	83.9	84.9	85.7	80.1	63.2		
HEL-Y-HUTCHINSON (Table Mountain)	925	96.6	96.9	100.2	98.0	99.7	39.4		
KLEINPLAATS (Simon's Town)	1 368	90.4	92.5	61.9	78.3	77.9	73.7		
LAND-EN-ZEEZICHT (Helderberg)	451	99.7	100.0	100.0	75.3	66.0	0.0		
LEWIS GAY (Simon's Town)	182	83.9	87.2	83.9	58.2	98.2	66.1		
VICTORIA (Table Mountain)	128	92.3	93.5	100.0	95.8	99.3	93.1		
WOODHEAD (Table Mountain)	954	67.3	67.2	95.1	98.6	68.5	75.3		

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



**CCT AVG DAILY  
PRODUCTION WCWSS  
LARGE DAMS ONLY  
(M/d)**

# 533

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). Restriction targets may change end of November 2018. Pending DWS confirmation.

## Water Quality Sample Pass Rate

Month	Water Quality Compliance (%)	Target (%)
Sep-17	99.57	98
Oct-17	99.57	98
Nov-17	99.49	98
Dec-17	99.44	98
Jan-18	99.43	98
Feb-18	99.38	98
Mar-18	99.38	98
Apr-17	99.26	98
May-18	99.20	98
Jun-18	99.07	98
Jul-18	99.12	98
Aug-18	99.07	98
Sep-18	99.08	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 September).

## Rainfall

RAINFALL (mm)	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov	18-Nov	Nov	
								Total*	LT Average
Blackheath Upper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	24.9
Brooklands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	53.8
Newlands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	67.3
Steenbras	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	46.2
Table Mountain (Woodhead)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	73.9
Theewaterskloof	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	36.8
Tygerberg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	20.6
Voëlvlei	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	25.7
Wemmershoek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	38.1
Wynberg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	38.4

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