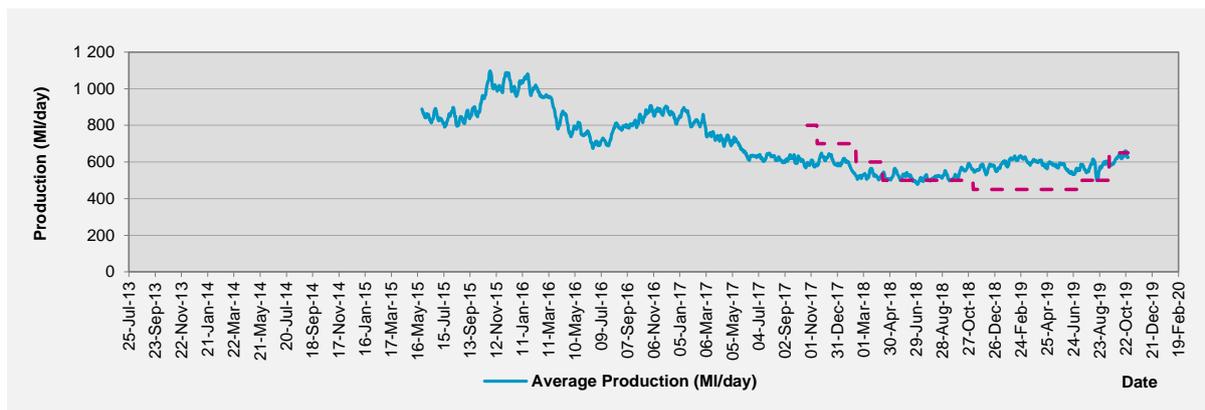


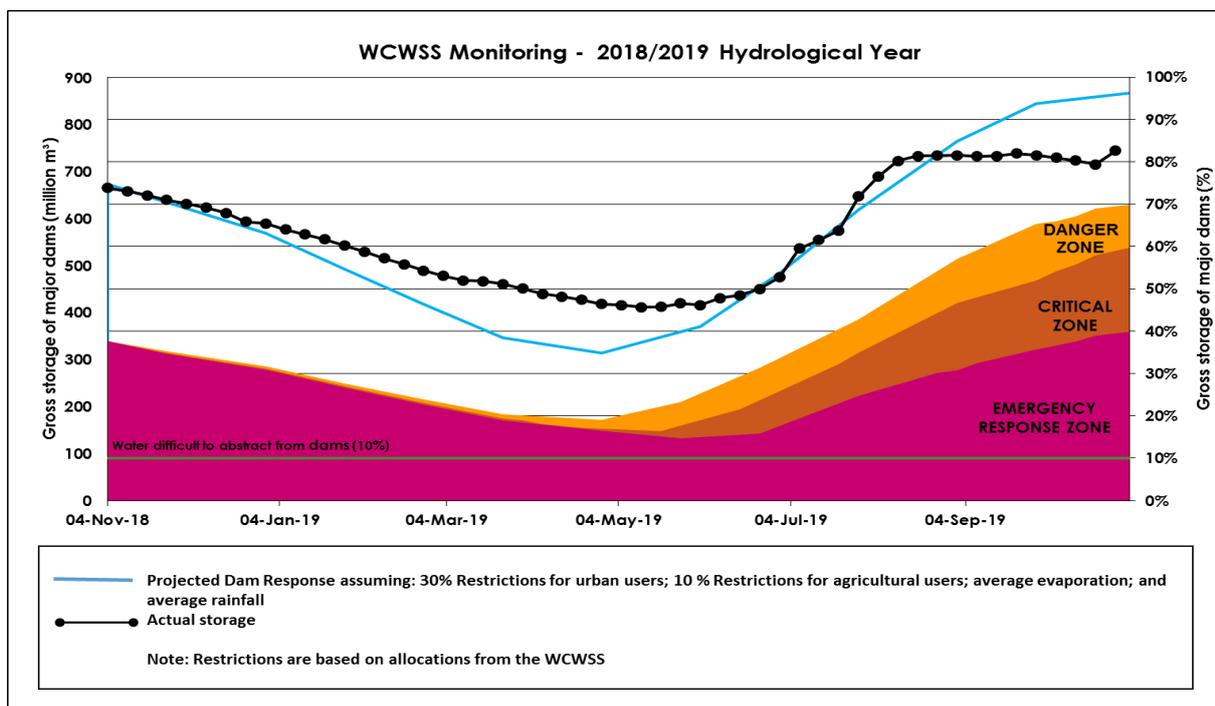
Disclaimer: The data depicted above is indicative and has been based on the City's own assessment of water use from the WCWSS. It is subject to official verification by the National Department of Water and Sanitation. Releases to Agriculture have stopped.

## 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	28 October 2019	Previous week	2018	2017	2016	2015
BERG RIVER	130 010	101.7	97.8	99.2	68.6	73.2	88.5
STEENBRAS LOWER	33 517	102.1	92.6	87.0	54.2	60.3	83.0
STEENBRAS UPPER	31 767	81.4	81.1	73.0	100.6	89.1	95.6
THEEWATERSKLOOF	480 188	73.8	69.7	58.0	27.4	51.4	74.7
VOËLVLEI	164 095	87.0	87.3	96.1	28.7	71.1	43.8
WEMMERSHOEK	58 644	94.7	91.4	92.2	48.2	63.0	67.6
<b>TOTAL STORED</b>	<b>898 221</b>	<b>745 072</b>	<b>715 619</b>	<b>671 875</b>	<b>346 472</b>	<b>544 169</b>	<b>643 572</b>
<b>% STORAGE</b>		<b>82.9</b>	<b>79.7</b>	<b>74.8</b>	<b>38.6</b>	<b>60.6</b>	<b>71.6</b>

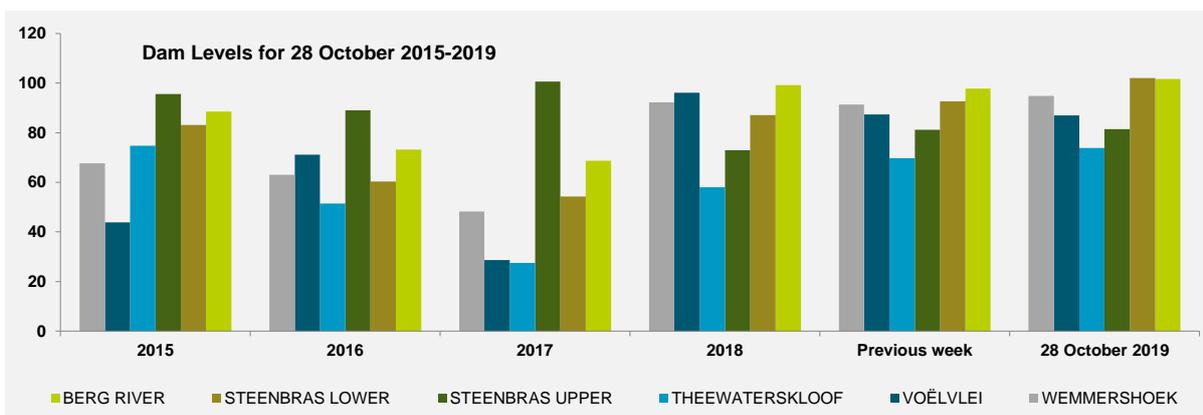
### NOTES:

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 28 October for each year except for those in the second column, which gives the figures for the previous week of this year.

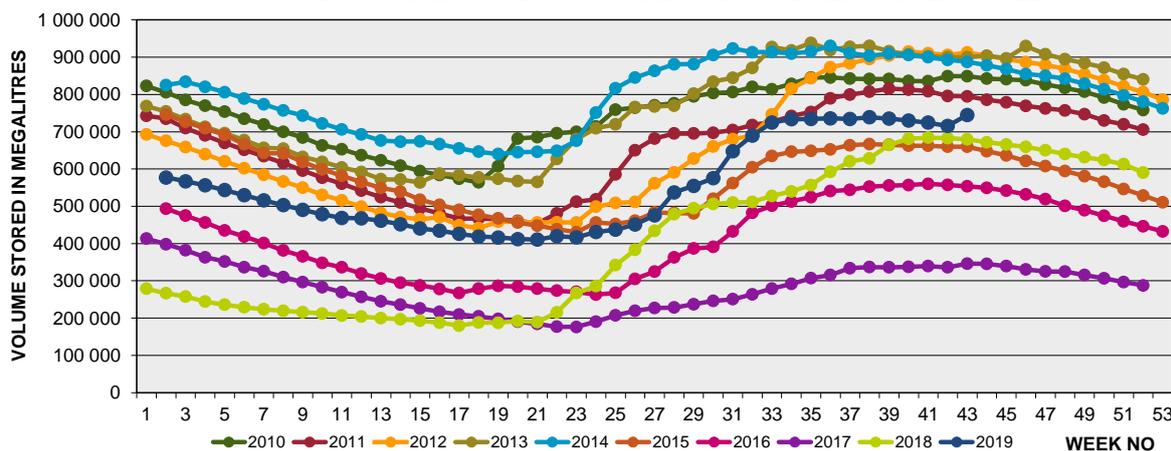
3) The last 10% of a dam's water is difficult to use, the useable water in the dam is approximately 10% less than the dam level.

4) Kindly note that when Steenbras Upper spills, it spills into Steenbras lower



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

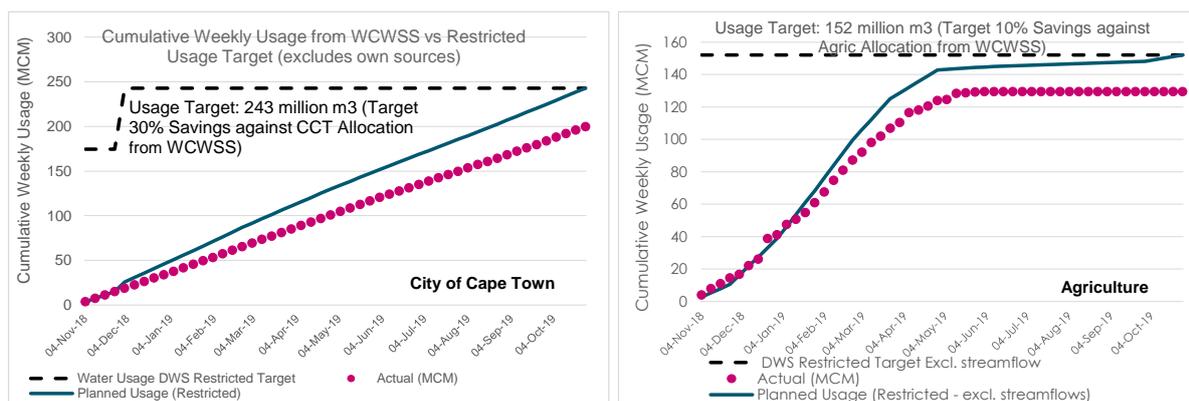
CITY OF CAPE TOWN DAMS: 10 YEAR GRAPH INDICATING VOLUME OF WATER STORED



## Water stored in minor dams within Cape Town

MINOR DAMS	STORAGE						
	CAPACITY	%		%			
	MI	28 October 2019	Previous week	2018	2017	2016	2015
ALEXANDRA (Table Mountain)	126	68.9	48.5	77.2	71.0	39.5	34.9
DE VILLIERS (Table Mountain)	243	100.3	99.7	90.7	98.6	87.6	81.2
HELly-HUTCHINSON (Table Mountain)	925	100.0	99.2	97.5	100.3	99.8	99.2
KLEINPLAATS (Simon's Town)	1 368	80.2	79.2	96.9	66.5	87.0	82.2
LAND-EN-ZEEZICHT (Helderberg)	451	86.2	82.0	100.0	100.0	71.6	60.6
LEWIS GAY (Simon's Town)	182	59.2	54.9	87.4	89.1	81.4	94.5
VICTORIA (Table Mountain)	128	101.2	99.3	96.2	100.8	100.0	99.6
WOODHEAD (Table Mountain)	954	99.8	92.1	66.7	97.1	99.6	60.4

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



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

**585**

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 have changed as of 1 December 2018. CCT has been restricted at 30% against the WCWSS approved allocation to the CCT.

## Water Quality Sample Pass Rate

Month	Water Quality Compliance (%)	Target (%)
Jul-18	99.12	98
Aug-18	99.07	98
Sep-18	99.08	98
Oct-18	99.05	98
Nov-18	98.99	98
Dec-18	99.00	98
Jan-19	99.00	98
Feb-19	99.05	98
Mar-19	99.01	98
Apr-19	99.10	98
May-19	99.08	98
Jun-19	99.09	98
Jul-19	99.04	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 December).

## Rainfall

RAINFALL (mm)	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct	Oct	
								Total*	LT Average
Blackheath Upper	0.0	0.0	1.0	2.0	40.0	0.0	10.0	56.8	31.2
Brooklands	0.0	1.0	0.0	40.0	18.0	0.0	25.0	88.0	46.3
Newlands	0.0	0.0	0.0	48.0	112.0	0.0	22.5	195.0	84.8
Steenbras	0.1	0.0	2.0	25.8	15.6	0.0	21.0	71.9	53.7
Table Mountain (Woodhead)	0.0	1.5	11.0	119.0	15.5	0.0		165.8	96.0
Theewaterskloof	1.1	0.0	0.0	1.8	42.7	0.0	24.4	73.0	26.5
Tygerberg	0.0	0.0	0.0	2.4	64.3	0.0	22.6	91.9	24.7
Voëlvlei	0.0	0.0	0.0	0.0	5.7	0.0	30.0	37.7	21.7
Wemmershoek	0.0	0.0	11.2	8.0	40.5	0.0	34.5	97.2	35.0
Wynberg	0.0	0.0	0.0	42.0	38.0	0.0	40.0	123.2	57.2

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