

## City of Cape Town: Water Dashboard

**05 February 2018** 

**DAM STORAGE (%)** 

WEEKLY DAM LEVEL CHANGE (%)

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

25.5

-0.8

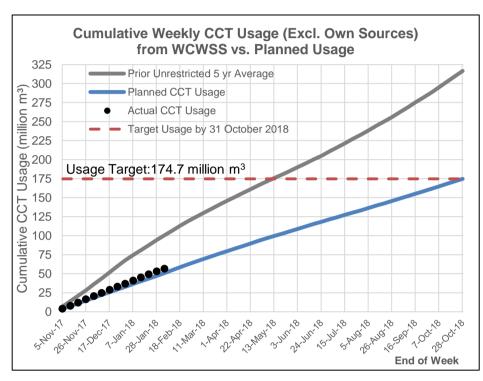
decrease since last week

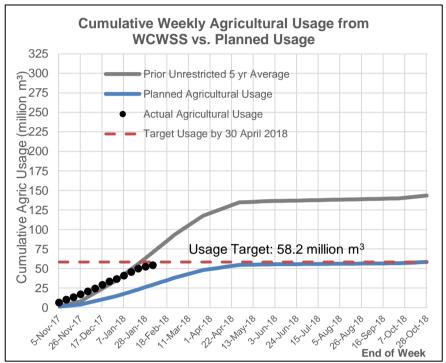
JTI

(Target 450MI/d)

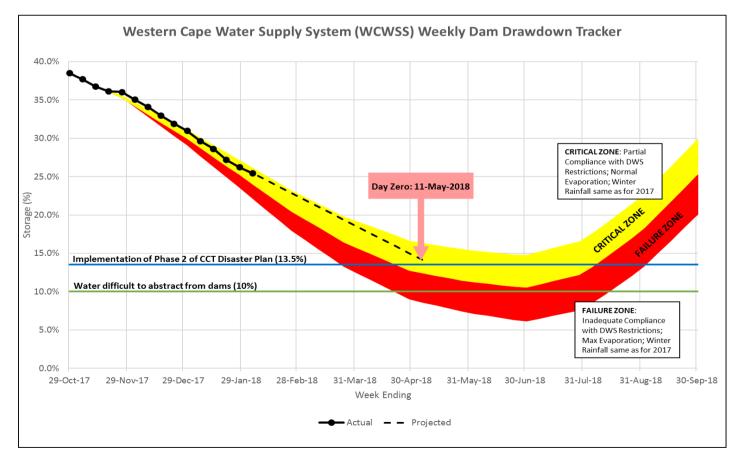
**526** 

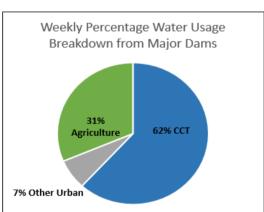
### Water Usage From Large Dams Comprising The Western Cape Water Supply System (WCWSS)





### Western Cape Water Supply System (WCWSS) Weekly Dam Drawdown Tracker





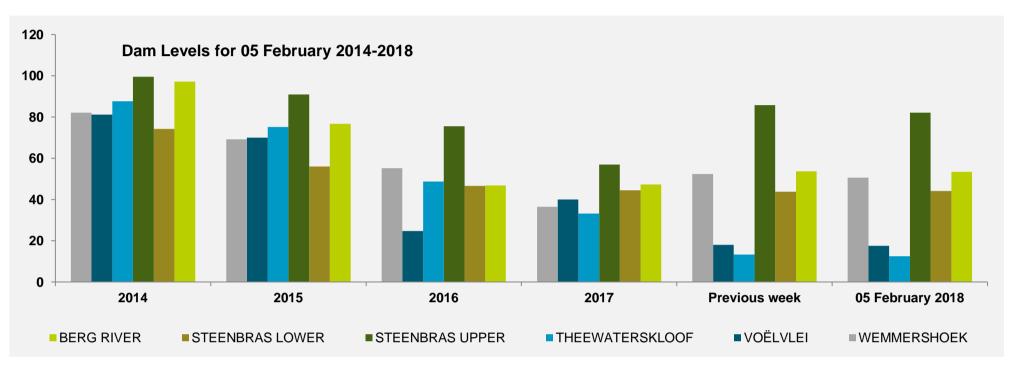
Disclaimer: The data depicted above is indicative and has been based on the City's own assessment of water use from the WCWSS. It is subject to official verification by the National Department of Water and Sanitation.

### Water Stored in Major Dams Comprising Western Cape Water Supply System (WCWSS)

	STORAGE							
MAJOR DAMS	CAPACITY	%	%	%	%	%	%	
	MI	05 February 2018	Previous week	2017	2016	2015	2014	
BERG RIVER	130 010	53.5	53.7	47.4	46.8	76.7	97.1	
STEENBRAS LOWER	33 517	44.2	43.8	44.5	46.6	56.0	74.3	
STEENBRAS UPPER	31 767	82.2	85.7	57.0	75.6	91.0	99.6	
THEEWATERSKLOOF	480 188	12.5	13.3	33.2	48.8	75.2	87.7	
VOËLVLEI	164 095	17.6	18.1	40.1	24.8	70.1	81.2	
WEMMERSHOEK	58 644	50.7	52.4	36.5	55.2	69.2	82.1	
TOTAL STORED	898 221	229 126	236 111	341 393	407 895	663 978	785 222	
% STORAGE		25.5	26.3	38.0	45.4	73.9	87.4	

#### **NOTES:**

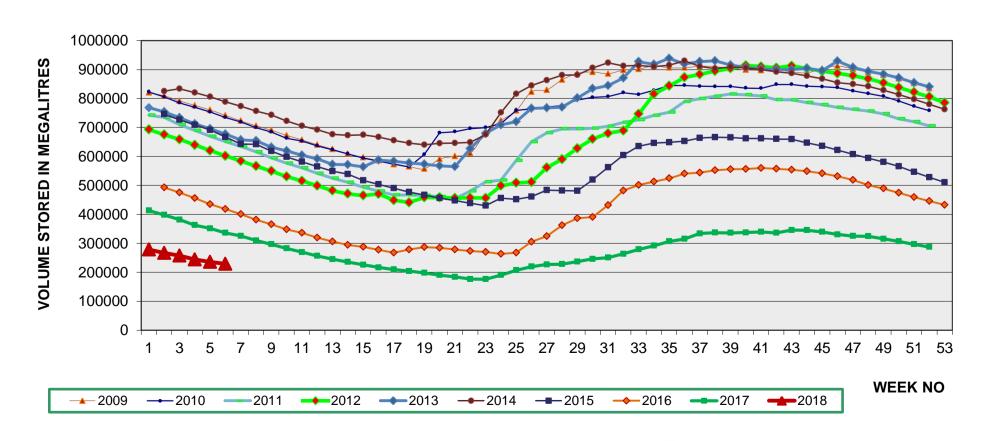
- 1) Capacity of the major dams of the Western Cape Water Supply System is 99.6% and that of the minor dams 0.4% of the combined capacity of the major and minor dams. Kindly note that all the Major Dams show gross capacity.
- 2) All figures are for 05 February for each year except for those in the second 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.



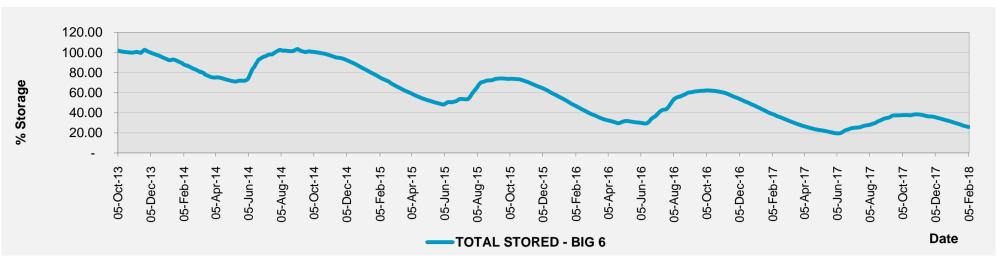
### **Water Stored in Minor Dams Within Cape Town**

	STORAGE							
MINOR DAMS	CAPACITY	%	%	%	%	%	%	
	MI	05 February 2018	Previous week	2017	2016	2015	2014	
ALEXANDRA (Table Mountain)	126	39.1	40.9	32.4	46.5	35.0	58.6	
DE VILLIERS (Table Mountain)	243	78.4	79.3	62.4	71.3	55.2	96.0	
HELY-HUTCHINSON (Table Mountain)	925	97.5	97.8	97.6	89.1	26.6	98.1	
KLEINPLAATS (Simon's Town)	1 368	48.1	49.0	54.2	48.5	33.6	78.8	
LAND-EN-ZEEZICHT (Helderberg)	451	96.3	97.3	85.7	20.3			
LEWIS GAY (Simon's Town)	182	93.0	92.1	59.1	35.5	77.7	64.5	
VICTORIA (Table Mountain)	128	86.8	88.9	86.1	55.4	79.9	88.2	
WOODHEAD (Table Mountain)	954	94.0	94.3	98.6	62.8	72.4	69.3	

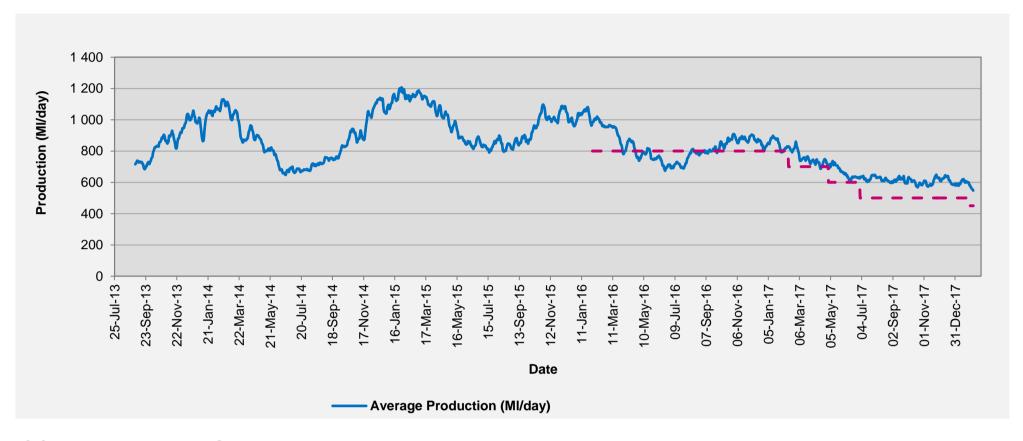
# Ten Year Graph Indicating Volume of Water Stored in Major Dams Comprising Western Cape Water Supply System (WCWSS)



### **Percentage Water Stored in Major Dams (WCWSS)**



### **CCT Daily Average Water Production (7 Day Avg)**



### **CCT Water Quality Sample Pass Rate**

Water Quality Compliance (%)	Target (%)
99.59	98
99.65	98
99.63	98
99.64	98
99.67	98
99.67	98
99.71	98
99.65	98
99.62	98
99.59	98
99.57	98
99.49	98
99.44	98
	99.59 99.65 99.63 99.64 99.67 99.67 99.71 99.65 99.62 99.59 99.57 99.49

### 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 November.)

### Rainfall

RAINFALL (mm)	29-Jan	30-Jan	31-Jan	01-Feb	02-Feb	03-Feb	04-Feb	Feb	
								Total*	LT Average
Blackheath Upper	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	14.1
Brooklands	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	22.5
Newlands	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	43.8
Steenbras	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	24.5
Table Mountain (Woodhead)	0.0	0.0	0.0	0.0	0.0	0.0		0.0	56.9
Theewaterskloof	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	21.2
Tygerberg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7
Voëlvlei	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
Wemmershoek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3
Wynberg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.2
Notes: *Total/cumulative rainfall for month indicated above  LT: Long Term									