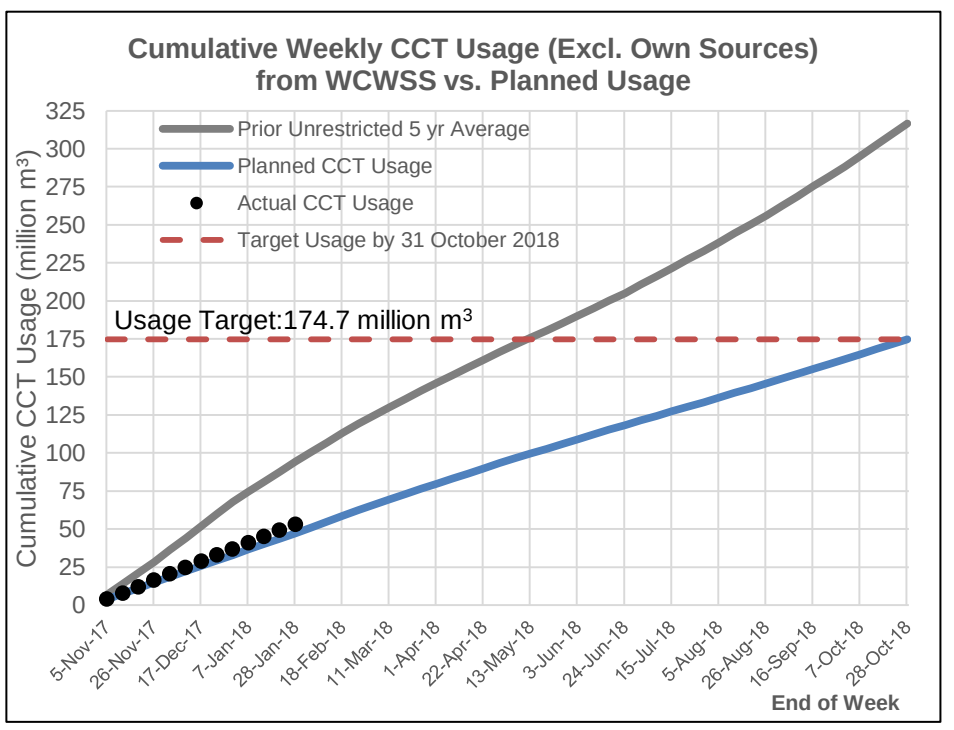
CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

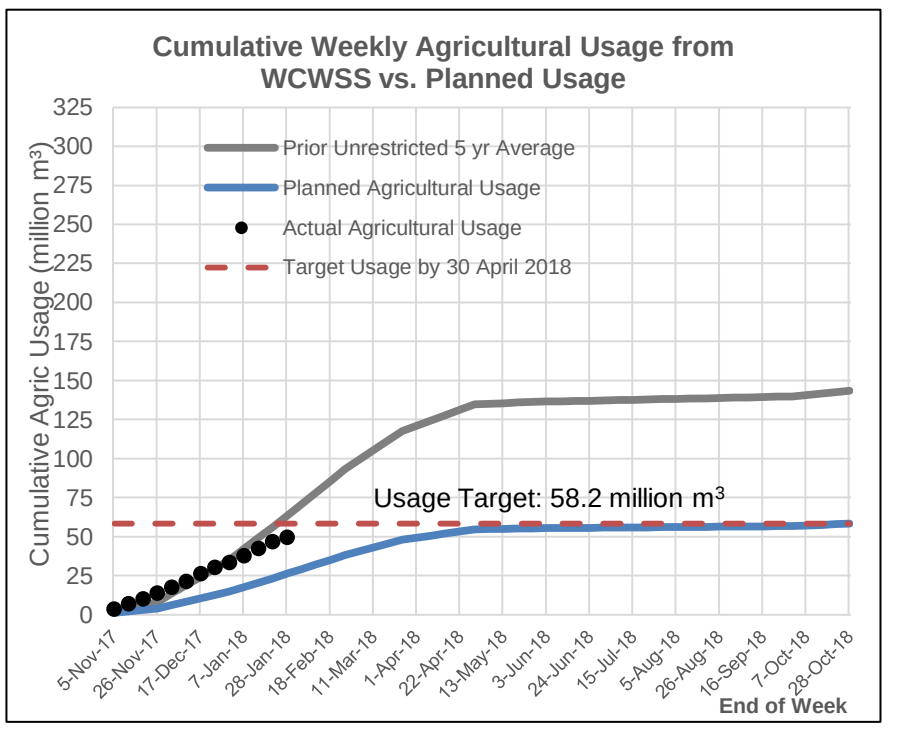
City of Cape Town: Water Dashboard

29 January 2018

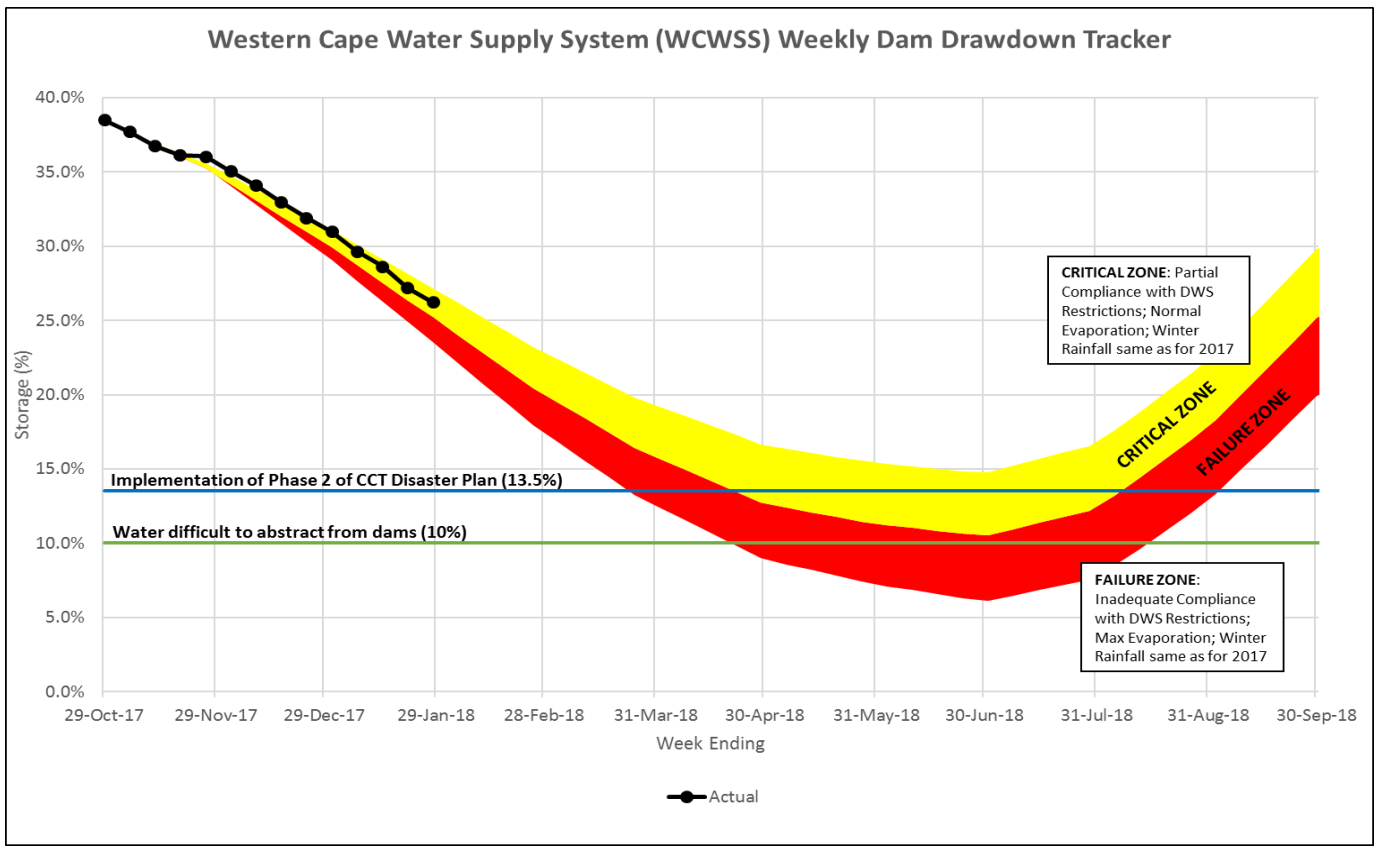
DAM STORAGE (%)	WEEKLY DAM LEVEL CHANGE (%)	AVG DAILY PRODUCTION ALL WATER SOURCES (Ml/d)	AVG DAILY PRODUCTION WCWSS LARGE DAMS ONLY (Ml/d)
26.3	-0.9 ⬇ decrease since last week	580 (Target 450Ml/d)	556

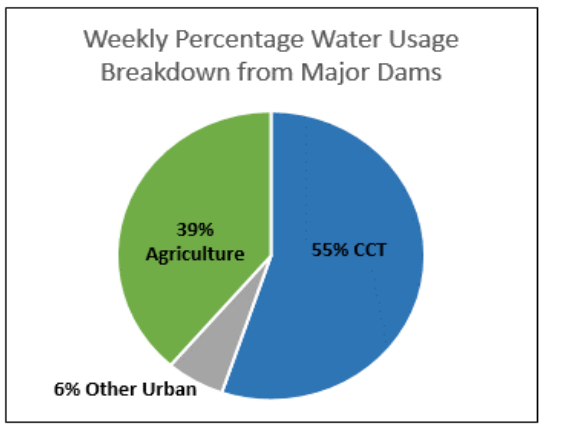
Water Usage From Large Dams Comprising The Western Cape Water Supply System (WCWSS)





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)

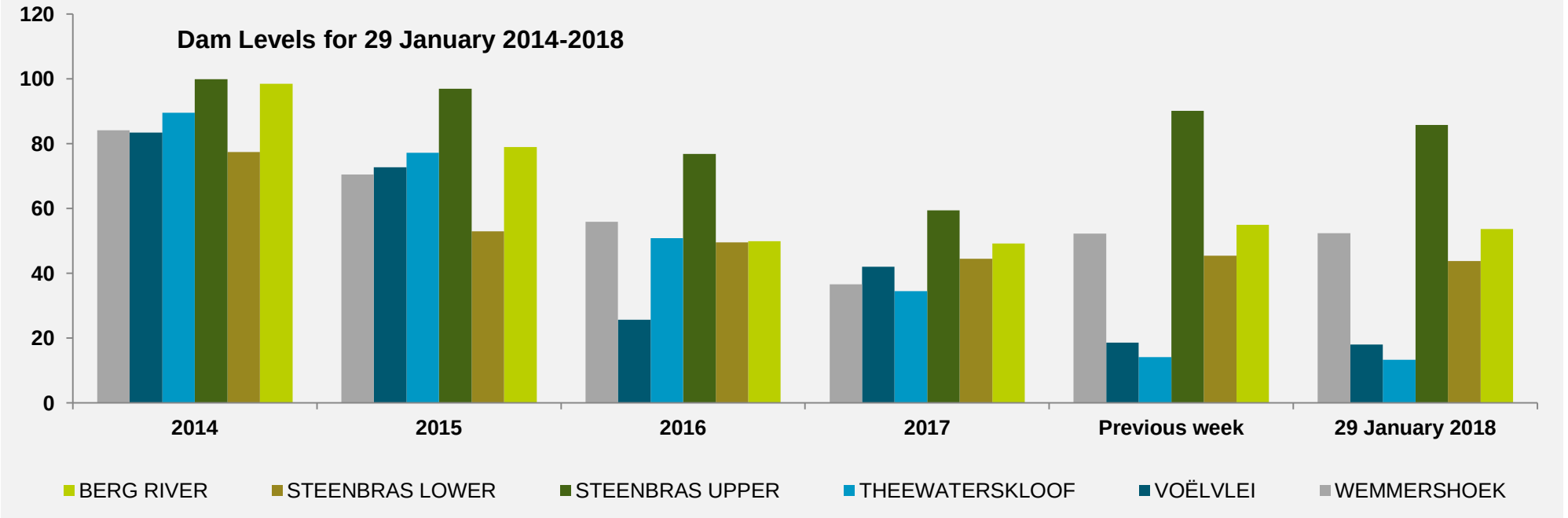
MAJOR DAMS	STORAGE						
	CAPACITY	%	%	%	%	%	%
	Ml	29 January 2018	Previous week	2017	2016	2015	2014
BERG RIVER	130 010	53.7	55.0	49.2	49.9	79.0	98.5
STEENBRAS LOWER	33 517	43.8	45.5	44.6	49.5	53.0	77.5
STEENBRAS UPPER	31 767	85.7	90.2	59.4	76.9	97.0	99.9
THEEWATERSKLOOF	480 188	13.3	14.2	34.5	50.9	77.2	89.5
VOËLVLEI	164 095	18.1	18.6	42.0	25.7	72.7	83.5
WEMMERSHOEK	58 644	52.4	52.3	36.6	56.0	70.6	84.1
TOTAL STORED	898 221	236 111	244 555	354 034	425 408	682 511	802 049
% STORAGE		26.3	27.2	39.4	47.4	76.0	89.3

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

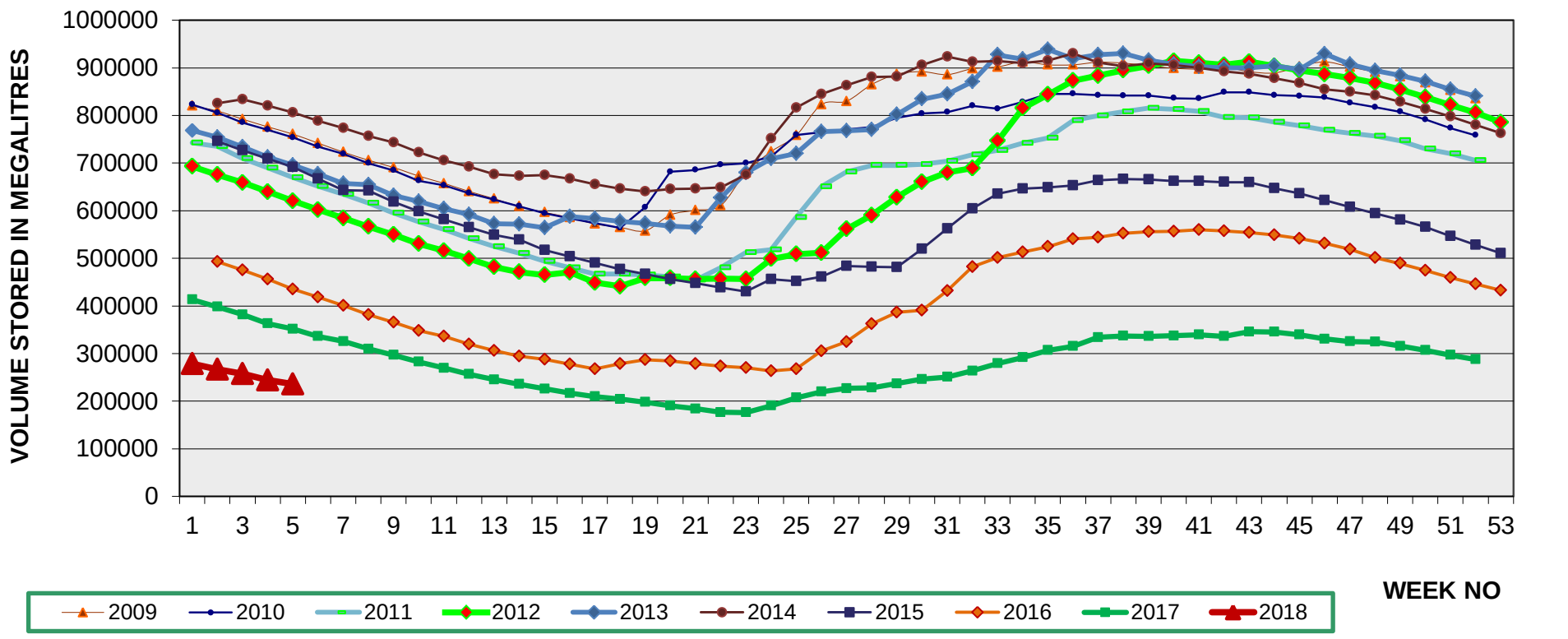
3) The last 10% of a dam's water is difficult to use, the useable water in the dam is approximately 10% less than the dam level.



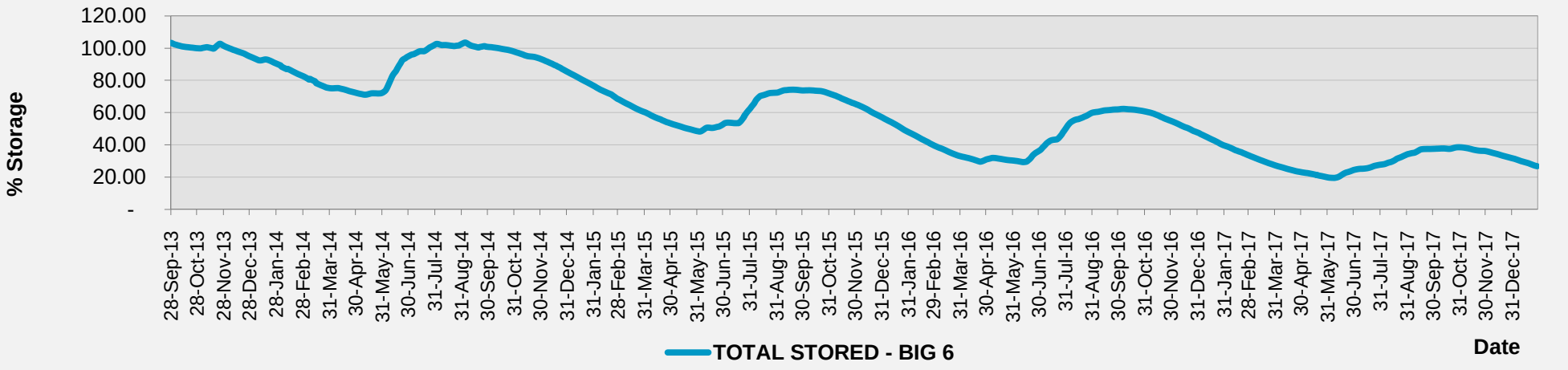
Water Stored in Minor Dams Within Cape Town

MINOR DAMS	STORAGE						
	CAPACITY	%	%	%	%	%	%
	Ml	29 January 2018	Previous week	2017	2016	2015	2014
ALEXANDRA (Table Mountain)	126	40.9	42.4	32.6	49.3	36.7	61.2
DE VILLIERS (Table Mountain)	243	79.3	79.3	63.3	72.2	61.7	96.4
HELY-HUTCHINSON (Table Mountain)	925	97.8	98.6	96.8	90.8	43.5	98.6
KLEINPLAATS (Simon's Town)	1 368	49.0	50.7	56.0	49.8	34.6	83.2
LAND-EN-ZEEZICHT (Helderberg)	451	97.3	99.0	86.2	25.3		
LEWIS GAY (Simon's Town)	182	92.1	98.2	56.3	43.0	80.5	48.8
VICTORIA (Table Mountain)	128	88.9	90.0	86.5	57.0	82.0	90.0
WOODHEAD (Table Mountain)	954	94.3	93.9	98.8	61.9	63.8	77.5

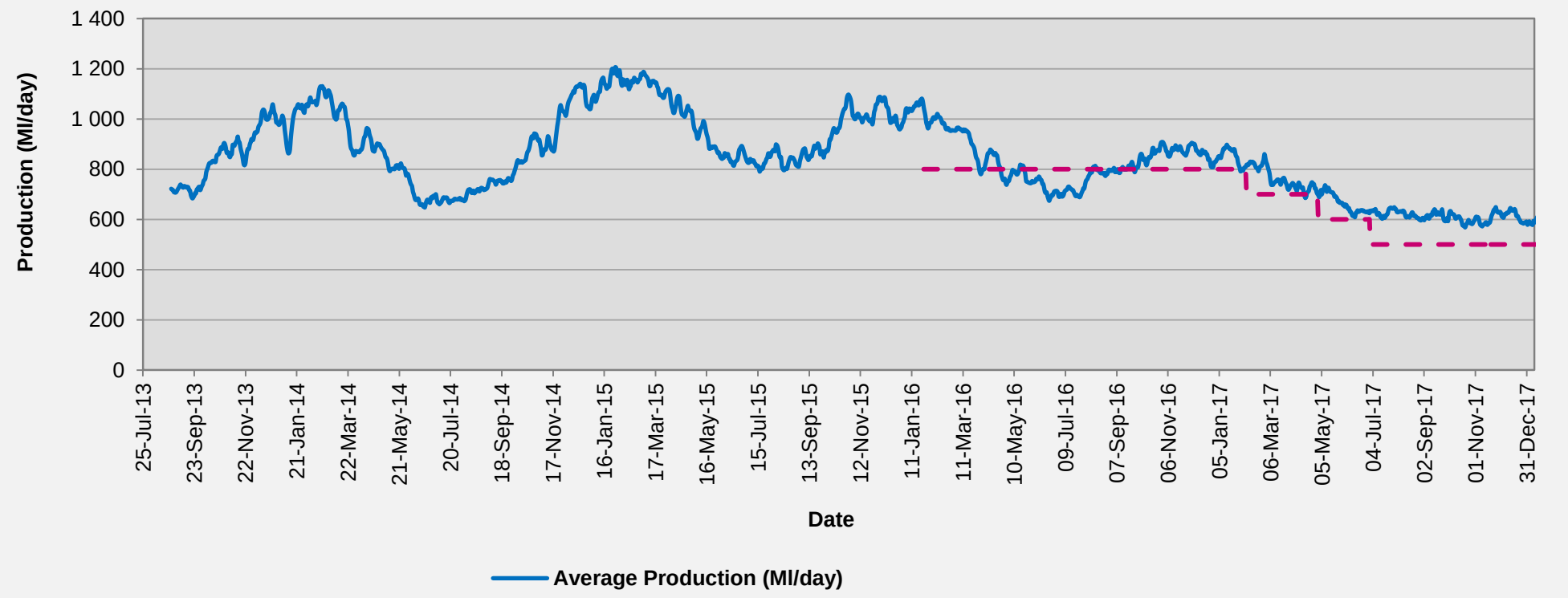
Ten Year Graph Indicating Volume of Water Stored in Major Dams Comprising Western Cape Water Supply System (WCWSS)



Percentage Water Stored in Major Dams (WCWSS)



CCT Daily Average Water Production (7 Day Avg)



CCT Water Quality Sample Pass Rate

Month	Water Quality Compliance (%)	Target (%)
Nov-16	99.59	98
Dec-16	99.65	98
Jan-17	99.63	98
Feb-17	99.64	98
Mar-17	99.67	98
Apr-17	99.67	98
May-17	99.71	98
Jun-17	99.65	98
Jul-17	99.62	98
Aug-17	99.59	98
Sep-17	99.57	98
Oct-17	99.49	98
Nov-17	99.44	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 November.)

Rainfall

RAINFALL (mm)	22-Jan	23-Jan	24-Jan	25-Jan	26-Jan	27-Jan	28-Jan	Jan	
								Total*	LT Average
Blackheath Upper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	14.1
Brooklands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	22.5
Newlands	0.5	0.1	0.0	0.0	0.0	0.0	0.0	42.6	43.9
Steenbras	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	31.1
Table Mountain (Woodhead)	0.0	0.0	0.0	0.0	0.0	0.0		27.0	56.9
Theewaterskloof	1.7	0.0	0.0	0.0	3.7	0.0	0.0	26.9	21.2
Tygerberg	1.2	0.0	0.0	0.0	0.0	0.0	0.0	5.9	12.7
Voëlvlei	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	14.7
Wemmershoek	0.5	0.0	0.0	0.0	0.0	0.0	0.0	6.8	20.3
Wynberg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	22.2

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