



Headline Statistics

WCWSS DAM STORAGE (%)

**61,7**

WEEKLY DAM LEVEL CHANGE (%)

**1,40**

AVERAGE TOTAL DAILY WATER USE (MLD)

**857**

Water Resource Status

WATER RESOURCE STATUS	MEANING OF CURRENT STATUS
Early Drought Caution	<p>There is a strong indication of a possible, but not confirmed, drought cycle developing or continuing from the record low rainfall levels between 2015-2017. It is important to continue using water wisely. There is no immediate cause for concern about water security in Cape Town. However, it is the responsible step to take now for Cape Town to collectively aim not to exceed a target of 850 millions of litres per day (MLD) to lower the risk of restrictions at a later stage.</p> <p><b>Note:</b> The Water Resource status is updated every three (3) months. It will next be updated in May. This year, heavy early rainfall has resulted in the dam increasing early in the year. However, the long-term rainfall outlook remains uncertain and is projected to be below average for the rest of winter.</p>

Water Production from Different Sources

MAJOR DAMS (MLD)

**850**

MINOR DAMS (MLD)

**6**

GROUND WATER AND SPRINGS (MLD)

**1**

Overall Water Usage Trend (2010 - Present)



WCWSS means Western Cape Water Supply System

MLD means million litres per day

More information on Water Saving and Restrictions is available on the City of Cape Town's 'ThinkWater' website

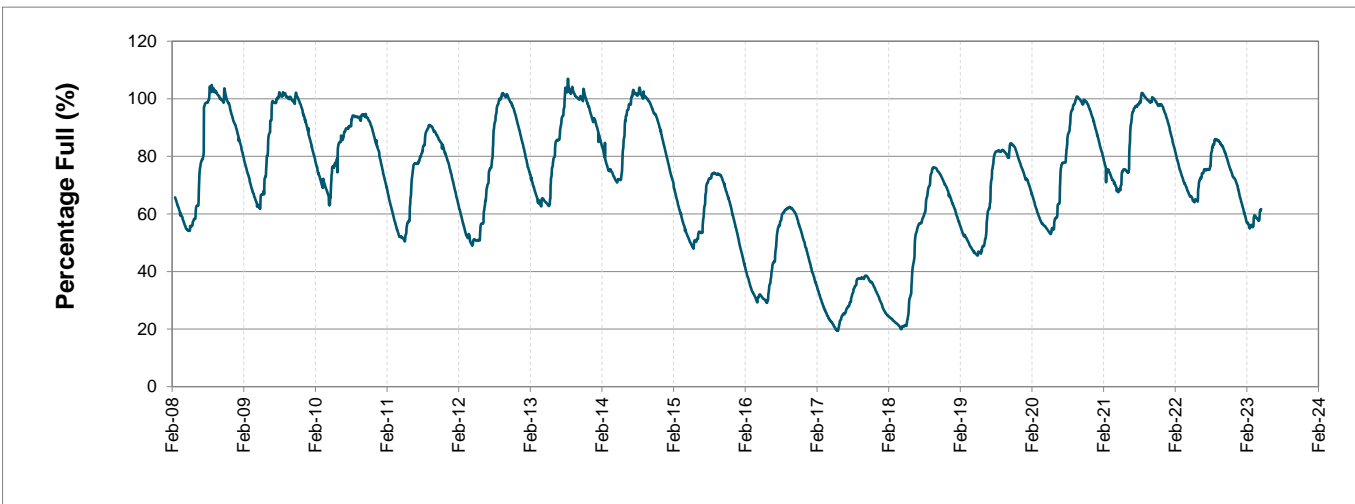
# Water Stored in Major Dams (WCWSS)

Overall Percentage Full **61,7%**

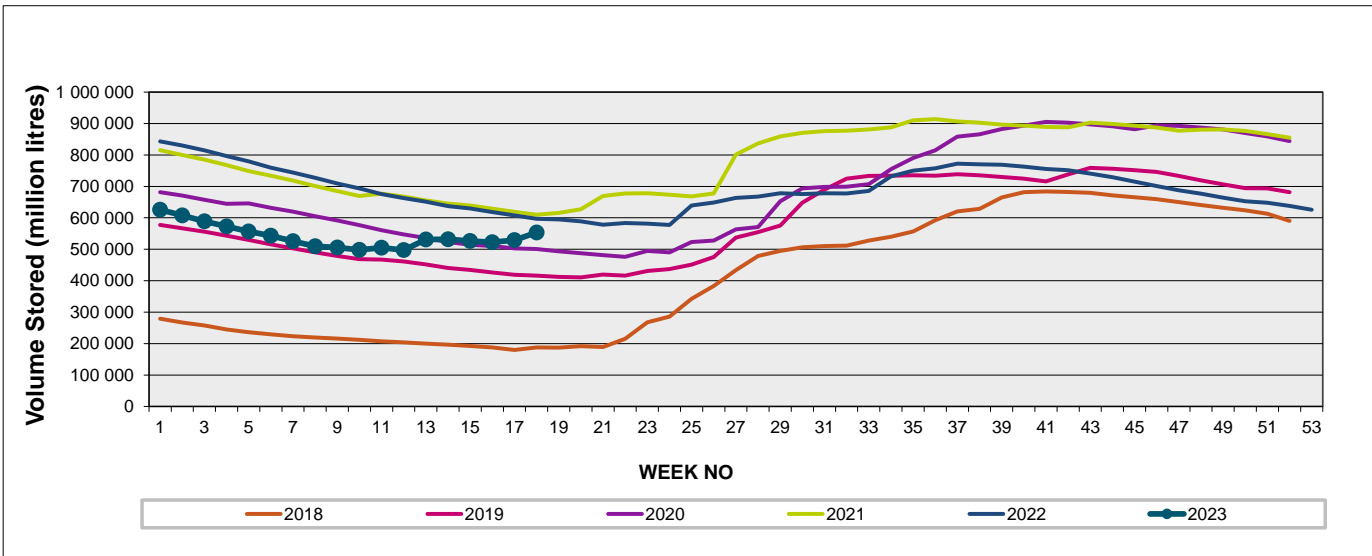
Weekly Change **1,4%**

MAJOR DAMS (WCWSS)	STORAGE						
	CAPACITY	%	%	%	%	%	%
	MI	02 May 2023	Previous week	2022	2021	2020	2019
BERG RIVER	130 010	86,4	83,3	69,5	71,0	66,9	67,8
STEENBRAS LOWER	33 517	54,3	54,7	63,7	55,5	52,1	40,4
STEENBRAS UPPER	31 767	96,0	95,0	87,0	53,4	96,5	68,1
THEEWATERSKLOOF	480 188	58,8	58,1	68,4	72,6	51,4	36,7
VOËLVLEI	164 095	41,0	38,6	59,7	59,8	51,8	56,6
WEMMERSHOEK	58 644	73,5	72,6	53,3	60,5	47,5	46,4
<b>TOTAL STORED</b>	<b>898 221</b>	<b>553 856</b>	<b>541 808</b>	<b>597 070</b>	<b>610 043</b>	<b>494 816</b>	<b>419 507</b>
<b>% STORAGE</b>		<b>61,7%</b>	<b>60,3%</b>	<b>66,5%</b>	<b>67,9%</b>	<b>55,1%</b>	<b>46,7%</b>

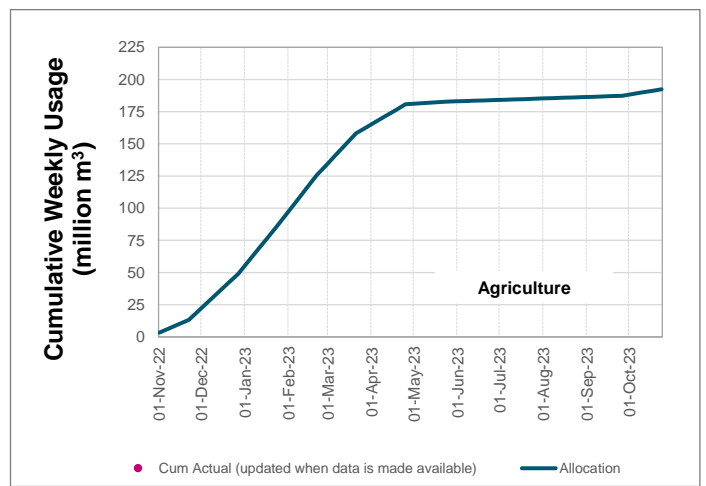
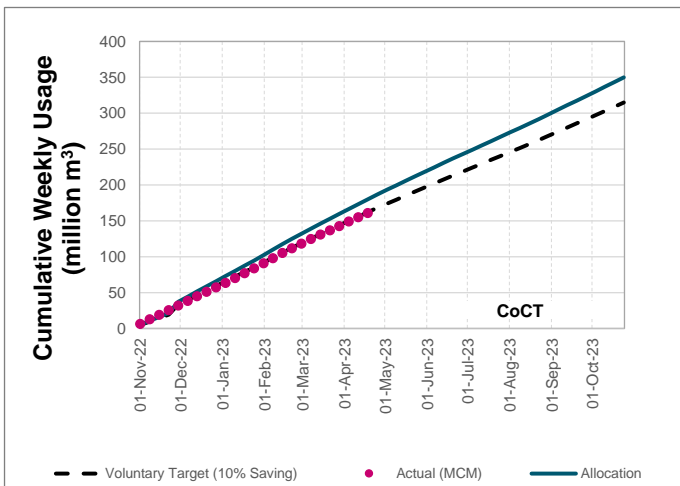
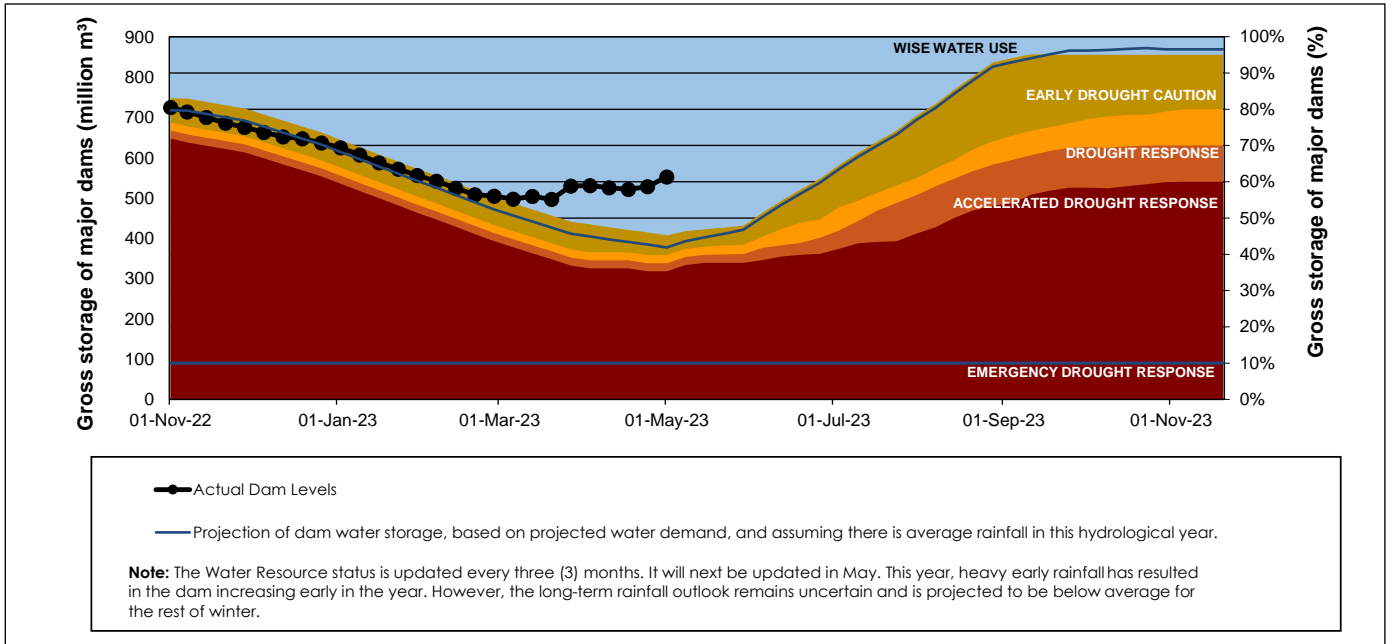
## WCWSS Storage Record (2008 - Present)



## WCWSS Comparative Storage Graph



# Projected WCWSS Dam Storage Levels



## Water Stored in Minor Dams

Overall Percentage Full **60,2**

Weekly Change **2,46**

MINOR DAMS	STORAGE						
	CAPACITY	%	%	%	%	%	%
	MI	02 May 2023	Previous week	2022	2021	2020	2019
ALEXANDRA (Table Mountain)	126	89,9	58,4	54,7	0,0	33,5	0,0
DE VILLIERS (Table Mountain)	243	99,7	101,6	67,5	52,9	93,7	60,4
HELY-HUTCHINSON (Table Mount)	925	75,7	65,7	18,6	0,0	0,0	0,0
KLEINPLAATS (Simon's Town)	1 368	17,7	19,5	49,4	48,1	38,4	44,9
LAND-EN-ZEEZICHT (Helderberg)	451	89,5	88,9	75,0	66,6	59,9	97,7
LEWIS GAY (Simon's Town)	182	36,4	32,7	0,0	36,0	0,0	0,0
VICTORIA (Table Mountain)	128	100,0	104,2	49,4	0,0	70,4	0,0
WOODHEAD (Table Mountain)	954	76,6	76,7	71,9	74,1	97,5	51,2
<b>Total Stored</b>	<b>4 377</b>	<b>2636,4</b>	<b>2528,6</b>	<b>2157,3</b>	<b>1836,9</b>	<b>2076,4</b>	<b>1680,8</b>
<b>Percentages stored</b>		<b>60,2</b>	<b>57,8</b>	<b>49,3</b>	<b>42,0</b>	<b>47,4</b>	<b>38,4</b>

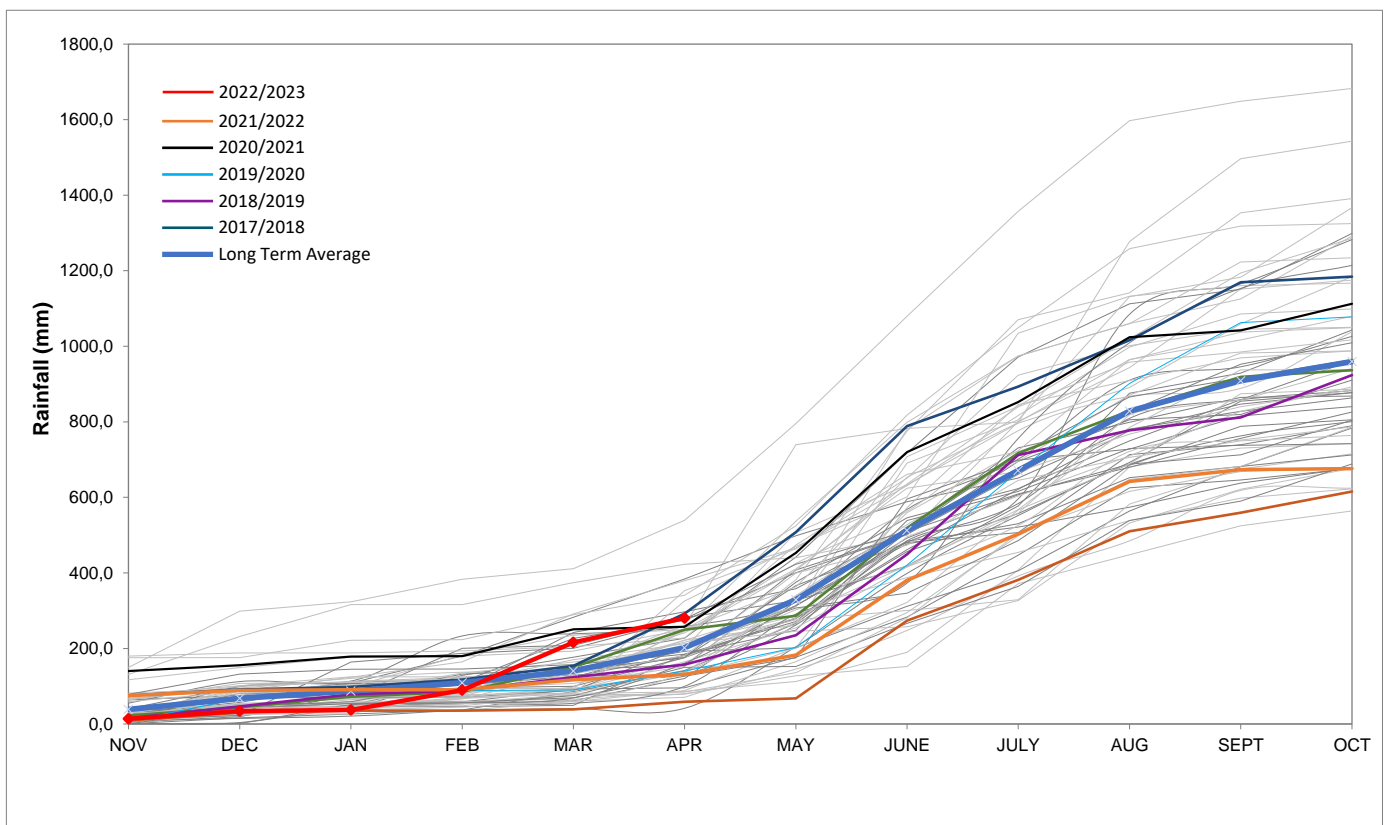
## Rainfall Recorded

RAINFALL (mm)	25-Apr	26-Apr	27-Apr	28-Apr	29-Apr	30-Apr	01-May	May	
								Total*	LT Average
Blackheath Upper	0,0	0,0	0,0	1,0	1,0	1,0	1,0	2,0	55,7
Brooklands	0,0	2,0	6,0	5,0	0,0	0,0	0,0	0,0	107,1
Newlands	0,0	0,0	25,5	9,5	0,0	0,0	0,0	0,0	210,0
Steenbras	0,0	0,0	7,8	12,0	0,0	0,0	0,0	0,0	116,9
Table Mountain (Woodhead)	0,0	9,0	5,0	10,0	0,0	0,0	0,0	0,0	188,7
Theewaterskloof	0,0	0,2	1,2	0,6	0,0	0,0	0,0	0,0	48,5
Tygerberg	0,0	0,0	5,5	2,5	0,0	0,0	0,0	0,0	60,0
Voëlvlei	0,0	0,0	7,0	1,5	0,0	0,0	0,0	0,0	69,2
Wemmershoek	0,0	1,2	4,2	1,7	0,0	0,0	0,0	0,0	120,1
Wynberg	0,0	0,0	9,5	3,0	0,0	0,0	0,0	0,0	142,8

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

## Accumulated Monthly Rainfall at Wemmershoek

Note: Wemmershoek station used due to long record and mountainous location



## Drinking Water Quality

### SAMPLE PASS RATE

Month	Water Quality Compliance (%)	Target (%)
Oct-21	99,11	98
Nov-21	99,11	98
Dec-21	99,09	98
Jan-22	99,04	98
Feb-22	99,04	98
Mar-22	98,99	98
Apr-22	98,96	98
May-22	98,90	98
Jun-22	98,96	98
Jul-22	99,46	99
Aug-22	99,47	99
Sep-22	99,46	98,50
Oct-22	99,47	98,50
Nov-22	99,45	98,50
Dec-22	99,36	98,50
Jan-23	99,36	98,50
Feb-23	99,35	98,50
Mar-23	99,29	98,50

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 98.5%. (Overall compliance percentages of continuous sampling and analysis are released on a monthly basis.)