

City of Cape Town: Water Dashboard

20 November 2017

DAM STORAGE (%)

WEEKLY DAM LEVEL CHANGE (%)

AVERAGE DAILY PRODUCTION (MI/d)

Output

AVERAGE DAILY PRODUCTION (MI/d)

AVERAGE DAILY PRODUCTION (MI/d)

(Target 500MI/d)

All figures are for 20 November for each year except for those in the second column, which gives the figures for the previous week of this year.

NOTE: 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.

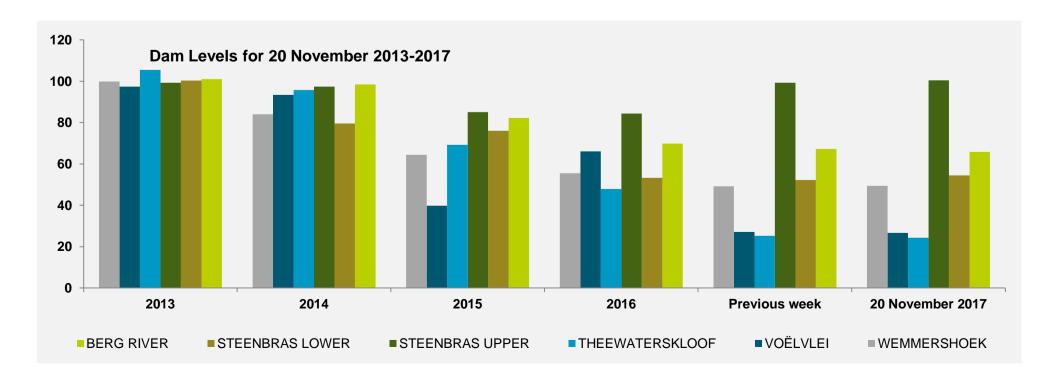
Major dam levels in Cape Town

| | STORAGE | | | | | | | |
|-----------------|----------|------------------|---------------|---------|---------|---------|---------|--|
| MAJOR DAMS | CAPACITY | % | % | % | % | % | % | |
| | MI | 20 November 2017 | Previous week | 2016 | 2015 | 2014 | 2013 | |
| BERG RIVER | 130 010 | 65.9 | 67.3 | 69.8 | 82.3 | 98.4 | 101.0 | |
| STEENBRAS LOWER | 33 517 | 54.4 | 52.2 | 53.3 | 76.1 | 79.6 | 100.3 | |
| STEENBRAS UPPER | 31 767 | 100.4 | 99.3 | 84.4 | 85.1 | 97.4 | 99.3 | |
| THEEWATERSKLOOF | 480 188 | 24.3 | 25.2 | 47.9 | 69.3 | 95.8 | 105.5 | |
| VOËLVLEI | 164 095 | 26.7 | 27.1 | 66.1 | 39.8 | 93.4 | 97.4 | |
| WEMMERSHOEK | 58 644 | 49.4 | 49.2 | 55.6 | 64.4 | 84.0 | 99.8 | |
| TOTAL STORED | 898 221 | 325 169 | 330 768 | 506 556 | 595 355 | 848 270 | 921 462 | |
| % STORAGE | | 36.2 | 36.8 | 56.4 | 66.3 | 94.4 | 102.6 | |

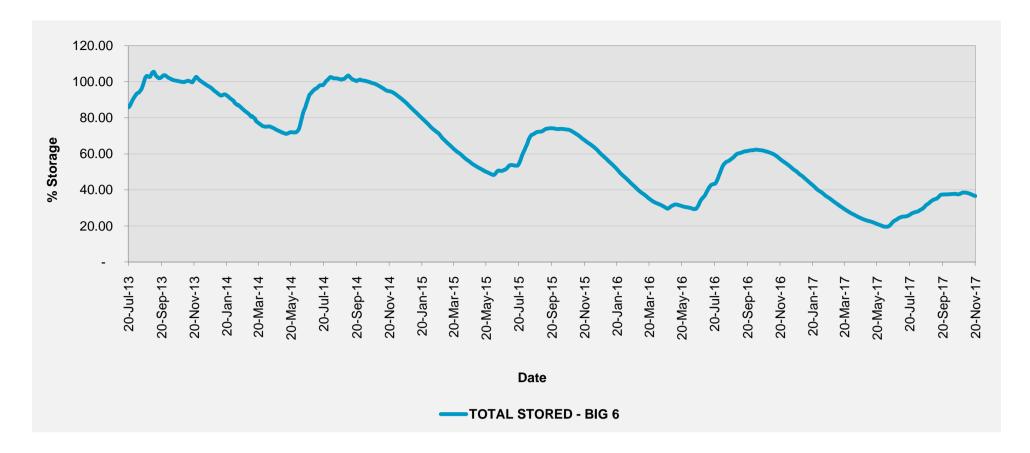
Capacity of the major dams of the Western Cape Water Supply System is 99.6% and that of the minor dams 0.4% of the combined capacity of the major and minor dams. Kindly note that all the Major Dams show gross capacity.

Minor dam levels in Cape Town

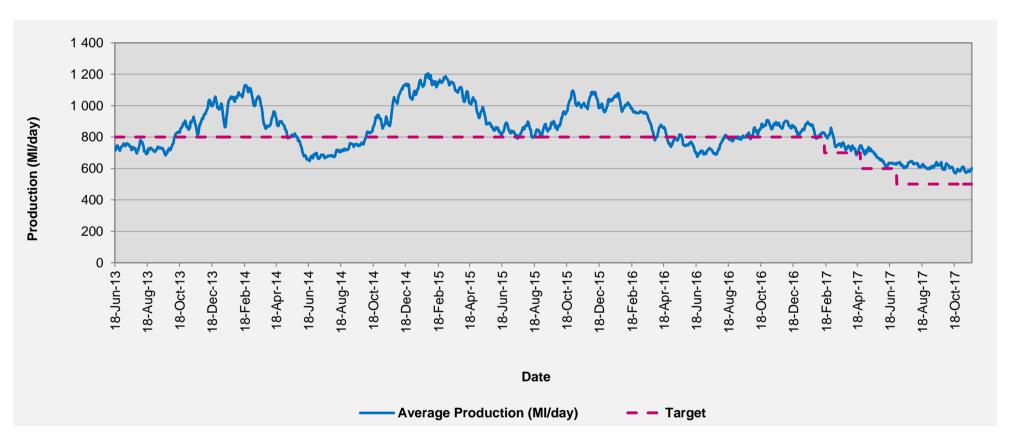
| | STORAGE | | | | | | | |
|----------------------------------|------------|------------------|---------------|------|-------|------|-------|--|
| MINOR DAMS | CAPACITY % | | % | % | % | % | % | |
| | MI | 20 November 2017 | Previous week | 2016 | 2015 | 2014 | 2013 | |
| ALEXANDRA (Table Mountain) | 126 | 61.5 | 64.5 | 35.2 | 33.7 | 57.7 | 100.0 | |
| DE VILLIERS (Table Mountain) | 243 | 84.1 | 88.5 | 85.5 | 80.0 | 63.3 | 100.2 | |
| HELY-HUTCHINSON (Table Mountain) | 925 | 100.0 | 99.8 | 97.6 | 99.5 | 39.5 | 99.3 | |
| KLEINPLAATS (Simon's Town) | 1 368 | 61.6 | 64.3 | 78.3 | 77.2 | 73.0 | 102.5 | |
| LAND-EN-ZEEZICHT (Helderberg) | 451 | 100.0 | 100.0 | 75.4 | 70.3 | | | |
| LEWIS GAY (Simon's Town) | 182 | 83.0 | 81.4 | 57.1 | 100.9 | 65.7 | 100.9 | |
| VICTORIA (Table Mountain) | 128 | 99.6 | 100.0 | 95.8 | 99.3 | 92.7 | 101.2 | |
| WOODHEAD (Table Mountain) | 954 | 95.5 | 90.4 | 98.5 | 68.5 | 75.2 | 100.6 | |



City of Cape Town Dams: Graph indicating % of water stored



Daily Average Water Production (7 Day Avg)



Water Quality Sample Pass Rate

| Month | Water Quality Compliance (%) | Target (%) |
|--------|------------------------------|------------|
| Oct-16 | 99.62 | 98 |
| 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 |

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) | 13-Nov | 44 New | 15-Nov | 16-Nov | 17-Nov | 18-Nov | 19-Nov | Nov | |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|------------|
| | | 14-Nov | | | | | | Total* | LT Average |
| Blackheath Upper | 0.0 | 6.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.7 | 24.4 |
| Brooklands | 8.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.0 | 53.7 |
| Newlands | 0.2 | 13.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.0 | 67.5 |
| Steenbras | 3.0 | 7.6 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 31.7 | 46.0 |
| Table Mountain (Woodhead) | 18.5 | 11.0 | 2.5 | 0.0 | 0.0 | 0.0 | | 53.8 | 73.8 |
| Theewaterskloof | 0.1 | 10.7 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.5 | 36.8 |
| Tygerberg | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.7 | 20.3 |
| Voëlvlei | 0.0 | 2.0 | 0.1 | 0.0 | 0.0 | 0.0 | 1.0 | 14.9 | 25.4 |
| Wemmershoek | 0.0 | 1.4 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 15.3 | 37.5 |
| Wynberg | 3.0 | 14.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.1 | 38.2 |

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