City of Cape Town: Dam Levels Report

Overall Water Usage

Western Cape Water Supply System (WCWSS) Dam Storage Tracking

This graph depicts total dam storage against potential system risk scenarios.
Water stored in major dams

<table>
<thead>
<tr>
<th>MAJOR DAMS</th>
<th>CAPACITY</th>
<th>% STORAGE</th>
<th>% STORAGE</th>
<th>% STORAGE</th>
<th>% STORAGE</th>
<th>% STORAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BERG RIVER</td>
<td>130,010</td>
<td>86.6</td>
<td>88.1</td>
<td>85.7</td>
<td>55.4</td>
<td>52.2</td>
</tr>
<tr>
<td>STEENBRAS LOWER</td>
<td>33,517</td>
<td>79.1</td>
<td>80.2</td>
<td>62.5</td>
<td>46.1</td>
<td>40.0</td>
</tr>
<tr>
<td>STEENBRAS UPPER</td>
<td>31,767</td>
<td>99.7</td>
<td>99.5</td>
<td>70.8</td>
<td>90.2</td>
<td>67.0</td>
</tr>
<tr>
<td>THEEWATERSKLOOF</td>
<td>480,188</td>
<td>63.6</td>
<td>65.1</td>
<td>47.9</td>
<td>14.4</td>
<td>36.0</td>
</tr>
<tr>
<td>VOËLVLEI</td>
<td>164,095</td>
<td>75.7</td>
<td>77.1</td>
<td>79.0</td>
<td>18.8</td>
<td>45.3</td>
</tr>
<tr>
<td>WEMMERSHOEK</td>
<td>58,644</td>
<td>75.0</td>
<td>77.2</td>
<td>73.0</td>
<td>52.4</td>
<td>36.8</td>
</tr>
<tr>
<td>TOTAL STORED</td>
<td>898,221</td>
<td>71.8</td>
<td>73.2</td>
<td>62.1</td>
<td>27.5</td>
<td>41.3</td>
</tr>
</tbody>
</table>

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 20 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.

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

Ten year comparative graph indicating volume of water stored
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

<table>
<thead>
<tr>
<th>RAINFALL (mm)</th>
<th>13-Jan</th>
<th>14-Jan</th>
<th>15-Jan</th>
<th>16-Jan</th>
<th>17-Jan</th>
<th>18-Jan</th>
<th>19-Jan</th>
<th>JAN Total*</th>
<th>LT Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blackheath Upper</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>13.5</td>
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<tr>
<td>Brooklands</td>
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<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>4.0</td>
<td>8.0</td>
<td>12.0</td>
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<tr>
<td>Newlands</td>
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<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>2.0</td>
<td>5.0</td>
<td>7.0</td>
</tr>
<tr>
<td>Steenbras</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>4.9</td>
<td>7.5</td>
<td>15.9</td>
</tr>
<tr>
<td>Table Mountain (Woodhead)</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>2.0</td>
<td>2.0</td>
<td>56.6</td>
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<tr>
<td>Theewaterskloof</td>
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<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>21.4</td>
<td>22.0</td>
<td>49.0</td>
<td>92.4</td>
<td>21.8</td>
</tr>
<tr>
<td>Tygerberg</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>1.3</td>
<td>6.3</td>
<td>7.6</td>
</tr>
<tr>
<td>Voëlvlei</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>4.0</td>
<td>0.0</td>
<td>4.0</td>
</tr>
<tr>
<td>Wemmershoek</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>13.2</td>
<td>13.2</td>
<td>20.0</td>
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<tr>
<td>Wynberg</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>2.0</td>
<td>1.0</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Notes: *Totalcumulative rainfall for month indicated above
LT: Long Term