# Department of Water and Sanitation

## Weekly State of the Reservoirs on

## 2017-10-09

### ABBREVIATIONS:

FSC Nett Full Supply Capacity
\# Latest available data
* Water available to RSA from Lesotho.
~ Balancing dam (See notes on last page)

&&& Error detected in current survey, reverted back to the original survey.
(For a historical update of this dam go to verified data at https://www.dwa.gov.za/Hydrology/hymain.aspx)

| **WMA** = Water Management areas: | |
|---|---|
| 1 | Limpopo |
| 2 | Olifants |
| 3 | Inkomati-Usuthu |
| 4 | Pongola-Mtamvuna |
| 5 | Vaal Major |
| 6 | Orange |
| 7 | Mzimvubu-Tsitsikamma |
| 8 | Breede-Gouritz |
| 9 | Berg-Olifants |
| 10 | Lesotho |
| 11 | Swaziland |

| **Prov** = Geographical Provinces: | |
|---|---|
| EC | Eastern Cape |
| FS | Free State |
| G | Gauteng |
| KN | Kwazulu-Natal |
| L | Lesotho |
| LP | Limpopo |
| M | Mpumalanga |
| NC | Northern Cape |
| NW | North West |
| S | Swaziland |
| WC | Western Cape Total |
| Wcw | Western Cape (Winter Rainfall) |
| WCo | Western Cape (Other Rainfall) |

| **WSS** = Water Supply Systems: | |
|---|---|
| AL | Algoa |
| AM | Amathole |
| BF | Bloemfontein |
| CT | Cape Town |
| CW | Crocodile West |
| IV | IVRS |
| KP | Klipplaat |
| LV | Luvuvhu |
| PK | Polokwane |
| UM | Umgeni |

This document is also available on the internet at:

https://www.dwa.gov.za/Hydrology/Weekly/Weekly.pdf

| | Station | Reservoir | River | WMA | Prov | WSS | Full Supply Capacity $10^6M^3$ | Water in Dam $10^6M^3$ | Last Year %Full | Last Week %Full | 2017-10-09 %Full |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **A** | | | | | | | | | | | |
| A1 | A1R001 | Ngotwane | Ngotwane | 1 | NW | | 19.033 | 15.542 | 5.0 | 81.7 | 81.7 |
| A2 | A2R001 | Hartbeespoort | Krokodil | 1 | NW | CW | 186.44 | 179.91 | 92.4 | 95.8 | 96.5 |
| | A2R002 | Bon Accord | Apies | 1 | G | | 4.381 | 4.643 | 101.0 | 101.5 | 106.0 |
| | A2R003 | Olifantsnek | Hex | 1 | NW | | 13.677 | 8.180 | 24.7 | 59.8 | 59.8 |
| | A2R004 | Rietvlei | Hennops | 1 | G | CW | 12.250 | # 11.623 | 95.8 | 94.9 | # 94.9 |
| | A2R005 | Buffelspoort | Sterkstroom | 1 | NW | | 10.183 | 9.994 | 80.8 | 97.1 | 98.1 |
| | A2R006 | Bospoort | Hex | 1 | NW | CW | 15.799 | 16.178 | 101.0 | 101.0 | 102.4 |
| | A2R007 | Lindleyspoort | Elands | 1 | NW | | 14.208 | 10.647 | 2.3 | 76.2 | 74.9 |
| | A2R008 | ~Warmbad | Buffelspruit | 1 | LP | | 0.549 | 0.287 | # 78.2 | 58.7 | 52.4 |
| | A2R009 | Roodeplaat | Pienaars | 1 | G | CW | 41.158 | 41.475 | 93.5 | 97.0 | 100.8 |
| | A2R011 | Koster | Koster | 1 | NW | | 12.417 | 11.309 | 20.2 | 91.5 | 91.1 |
| | A2R012 | Klipvoor | Pienaars | 1 | NW | CW | 40.735 | 43.590 | 77.8 | 96.0 | 107.0 |
| | A2R013 | Swartruggens | Elands | 1 | NW | | 0.475 | 0.480 | 0.7 | 100.8 | 101.2 |
| | A2R014 | Vaalkop | Elands | 1 | NW | CW | 51.315 | 34.792 | 50.7 | 67.8 | 67.8 |
| | A2R015 | Roodekopjes | Krokodil | 1 | NW | CW | 96.345 | 68.469 | 77.8 | 80.0 | 71.1 |
| | A2R018 | Middelkraal | Maretlwane | 1 | NW | | 0.736 | 0.558 | # 54.1 | 78.2 | 75.9 |
| A3 | A3R001 | Marico-Bosveld | Groot-Marico | 1 | NW | | 26.963 | 23.931 | 14.9 | 88.8 | 88.8 |
| | A3R002 | Klein Maricopoort | Klein-Marico | 1 | NW | | 7.073 | 4.445 | 12.6 | 62.8 | 62.8 |
| | A3R003 | Kromellenboog | Klein-Marico | 1 | NW | | 8.956 | 6.418 | 8.4 | 71.7 | 71.7 |
| | A3R004 | Molatedi | Groot-Marico | 1 | NW | | 200.79 | 100.71 | 27.3 | 50.7 | 50.2 |
| | A3R005 | Sehujwane | Sehujane | 1 | NW | | 3.614 | 2.471 | 77.3 | 68.4 | 68.4 |
| | A3R006 | Madikwe | Tholwane | 1 | NW | | 15.938 | 12.466 | 25.9 | 78.5 | 78.2 |
| | A3R007 | Pella | Lethlakane | 1 | NW | | 2.111 | 1.579 | 23.6 | 74.8 | 74.8 |
| A4 | A4R001 | Mokolo | Mokolo | 1 | LP | | 145.77 | 132.45 | 67.8 | 91.3 | 90.9 |
| A6 | A6R001 | Doorndraai | Sterk | 1 | LP | | 43.764 | 23.614 | 51.9 | 53.9 | 54.0 |
| | A6R002 | Glen Alpine | Mogalakwena | 1 | LP | | 18.889 | 10.141 | 1.5 | 54.0 | 53.7 |
| A7 | A7R002 | Houtrivier | Hout | 1 | LP | | 6.625 | 2.957 | *** | 43.3 | 44.6 |
| A8 | A8R001 | Nzhelele | Nzhelele | 1 | LP | | 51.234 | 27.473 | 16.1 | 53.8 | 53.6 |
| | A8R002 | Luphephe | Luphephe | 1 | LP | | 13.984 | 8.904 | 11.7 | 64.6 | 63.7 |
| | A8R003 | Nwanedzi | Nwanedzi | 1 | LP | | 5.144 | 3.900 | 54.0 | 75.4 | 75.8 |
| | A8R004 | &&& Mutshedzi | Mutshedzi | 1 | LP | | 2.336 | 2.280 | 3.3 | 97.6 | 97.6 |
| A9 | A9R001 | Albasini | Luvuvhu | 1 | LP | LV | 28.199 | 22.474 | 57.2 | 79.8 | 79.7 |
| | A9R002 | Vondo | Mutshindudi | 1 | LP | LV | 30.447 | 27.782 | 40.8 | 91.4 | 91.2 |
| | A9R004 | Nandoni | Levhuvhu | 1 | LP | LV | 166.11 | 162.99 | 52.0 | 97.8 | 98.1 |
| | **Subtotal** | | | | | | **1297.65** | **1034.66** | **54.6** | **79.9** | **79.7** |
| **B** | | | | | | | | | | | |
| B1 | B1R001 | Witbank | Olifants | 2 | M | | 104.02 | 102.94 | 46.4 | 98.5 | 99.0 |
| | B1R002 | Middelburg | Little Olifants | 2 | M | | 48.056 | 29.564 | 35.5 | 62.1 | 61.5 |
| B2 | B2R001 | Bronkhorstspruit | Bronkhorstspruit | 2 | G | | 56.994 | 43.997 | 63.4 | 76.0 | 77.2 |
| B3 | B3R001 | Rust De Winter | Elands | 2 | LP | | 28.186 | 25.165 | 45.4 | 86.9 | 89.3 |
| | B3R002 | Loskop | Olifants | 2 | M | | 361.51 | 332.01 | 45.2 | 91.3 | 91.8 |
| | B3R005 | Rhenosterkop | Elands | 2 | M | | 204.58 | 30.401 | 17.6 | 14.8 | 14.9 |
| B4 | B4R001 | Tonteldoos | Tonteldoos | 2 | LP | | 0.189 | 0.190 | 80.3 | 100.5 | 100.5 |
| | B4R002 | Vlugkraal | Vlugkraal | 2 | LP | | 0.443 | 0.431 | 38.5 | 95.4 | 97.3 |
| | B4R004 | Buffelskloof | Waterval | 2 | M | | 5.244 | 4.870 | 17.7 | 90.3 | 92.9 |
| | B4R007 | De Hoop | Steelpoort | 2 | LP | | 348.70 | 335.78 | 82.9 | 96.5 | 96.3 |
| B5 | B5R002 | Flag Boshielo | Olifants | 2 | LP | PK | 185.13 | # 80.864 | 19.3 | # 43.7 | # 43.7 |
| B6 | B6R001 | Ohrigstad | Ohrigstad | 2 | M | | 13.448 | 8.126 | 2.9 | 62.4 | 60.4 |
| | B6R003 | Blyderivierpoort | Blyde | 2 | M | | 54.369 | 45.603 | 42.5 | 86.3 | 83.9 |
| B7 | B7R001 | Klaserie | Klaserie | 2 | LP | | 5.604 | 5.107 | 29.2 | 91.9 | 91.1 |
| | B7R003 | Tours | Ngwabitsi | 2 | LP | | 6.084 | 4.986 | 31.0 | 82.7 | 82.0 |
| B8 | B8R001 | Ebenezer | Groot-Letaba | 2 | LP | PK | 69.139 | 65.942 | 63.4 | 95.6 | 95.4 |
| | B8R002 | Hans Merensky | Ramadiepa | 2 | LP | | 1.225 | 1.230 | 41.9 | 100.0 | 100.4 |
| | B8R003 | Magoebaskloof | Politsi | 2 | LP | | 4.840 | 4.853 | 99.4 | 100.3 | 100.3 |
| | B8R004 | Vergelegen | Politsi Tributary | 2 | LP | | 0.254 | 0.251 | 82.0 | 93.9 | 99.0 |
| | B8R005 | Tzaneen | Groot-Letaba | 2 | LP | | 156.53 | 76.098 | 17.8 | 49.3 | 48.6 |
| | B8R006 | Dap Naude | Broederstroom | 2 | LP | | 1.936 | 1.685 | 75.2 | 86.8 | 87.0 |
| | B8R007 | Middel-Letaba | Middel-Letaba | 2 | LP | | 171.93 | 32.046 | 19.3 | 18.8 | 18.6 |
| | B8R009 | Nsami | Nsama | 2 | LP | | 21.874 | 14.172 | 8.0 | 65.5 | 64.8 |
| | B8R011 | Modjadji | Molototsi | 2 | LP | | 7.196 | 3.299 | 20.2 | 47.2 | 45.8 |
| | **Subtotal** | | | | | | **1857.48** | **1249.61** | **42.1** | **67.3** | **67.3** |

| | Station | Reservoir | River | WMA | Prov | WSS | Full Supply Capacity $10^6M^3$ | Water in Dam $10^6M^3$ | Last Year %Full | Last Week %Full | 2017-10-09 %Full |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **C** | | | | | | | | | | | |
| C1 | C1R001 | Vaal | Vaal | 5 | FS | IV | 2603.45 | 2202.90 | 28.2 | 84.8 | 84.6 |
| | C1R002 | Grootdraai | Vaal | 5 | M | IV | 349.53 | 265.29 | 68.6 | 76.5 | 75.9 |
| C2 | C2R001 | Boskop | Mooi | 5 | NW | | 21.026 | 21.329 | 99.0 | 99.8 | 101.4 |
| | C2R002 | Johan Neser | Skoonspruit | 5 | NW | | 5.672 | 4.217 | 0.0 | 70.3 | 74.4 |
| | C2R003 | Klerkskraal | Mooi | 5 | NW | | 7.922 | 7.885 | 87.3 | 101.4 | 99.5 |
| | C2R004 | Potchefstroom | Mooi | 5 | NW | | 2.027 | 2.050 | 87.8 | 99.2 | 101.2 |
| | C2R005 | Klipdrift | Loop Spruit | 5 | NW | | 13.301 | # 12.887 | 70.1 | # 96.9 | # 96.9 |
| | C2R006 | Elandskuil | Swartleegte | 5 | NW | | 1.181 | 0.718 | 26.6 | 53.6 | 60.8 |
| | C2R007 | Rietspruit | Rietspruit | 5 | NW | | 7.275 | 5.648 | 37.3 | 77.4 | 77.6 |
| C3 | C3R002 | Spitskop | Harts | 5 | NC | | 57.831 | 49.581 | 21.5 | 85.7 | 85.7 |
| | C3R006 | Taung | Harts | 5 | NW | | 61.366 | 58.263 | 79.1 | 95.0 | 94.9 |
| C4 | C4R001 | Allemanskraal | Sand | 5 | FS | | 174.52 | 71.240 | 12.1 | 41.1 | 40.8 |
| | C4R002 | Erfenis | Groot-Vet | 5 | FS | | 206.06 | 124.30 | 41.7 | 61.4 | 60.3 |
| C5 | C5R001 | Tierpoort | Tierpoort | 6 | FS | | 33.995 | 1.014 | 0.0 | 3.0 | 3.0 |
| | C5R002 | Kalkfontein | Riet | 6 | FS | | 325.13 | 38.082 | 4.4 | 11.8 | 11.7 |
| | C5R003 | Rustfontein | Modder | 6 | FS | BF | 72.109 | 24.380 | 25.7 | 33.7 | 33.8 |
| | C5R004 | Krugersdrift | Modder | 6 | FS | | 71.479 | 21.471 | 18.2 | 40.4 | 30.0 |
| | C5R005 | Groothoek | Kgabanyane | 6 | FS | BF | 11.905 | 1.886 | 10.4 | 15.6 | 15.8 |
| C7 | C7R001 | Koppies | Renoster | 5 | FS | | 42.311 | 33.754 | 31.3 | 80.4 | 79.8 |
| C8 | C8R003 | ~Sterkfontein | Nuwejaar Spruit | 5 | FS | IV | 2616.90 | 2446.02 | 90.2 | 93.1 | 93.5 |
| | C8R004 | ~Saulspoort | Liebenbergvlei | 5 | FS | | 15.675 | 15.792 | 101.5 | 99.3 | 100.7 |
| | C8R008 | Fika-Patso | Namahadi | 5 | FS | | 29.411 | 15.524 | 11.4 | 53.1 | 52.8 |
| C9 | C9R001 | ~Vaalharts Storage Weir | Vaal | 5 | NC | | 50.682 | 46.358 | 65.8 | 88.5 | 91.5 |
| | C9R002 | Bloemhof | Vaal | 5 | FS | IV | 1240.24 | 1114.51 | 17.8 | 90.2 | 89.9 |
| | C9R003 | ~Douglas Storage Weir | Vaal | 6 | NC | | 16.245 | 17.673 | 92.9 | 104.4 | 108.8 |
| | **Subtotal** | | | | | | **8037.24** | **6602.77** | **48.4** | **82.3** | **82.2** |
| **D** | | | | | | | | | | | |
| D1 | D1R001 | Sterkspruit | Sterkspruit | 6 | EC | | 9.473 | # 8.660 | 97.5 | # 91.4 | # 91.4 |
| | D1R002 | *Katse | Malibamatso | 10 | L | IV | 1519.10 | 435.35 | 41.1 | 27.5 | 28.7 |
| | D1R003 | Mohale | Sequnyane | 10 | L | IV | 843.53 | 418.08 | 33.6 | 52.9 | 49.6 |
| D2 | D2R001 | Egmont | Witspruit | 6 | FS | | 9.059 | 7.257 | 19.6 | 79.4 | 80.1 |
| | D2R002 | Armenia | Leeu | 6 | FS | | 12.957 | 10.187 | 46.9 | 77.3 | 78.6 |
| | D2R004 | ~Welbedacht | Caledon | 6 | FS | BF | 5.418 | 4.583 | 16.0 | 27.6 | 84.6 |
| | D2R006 | Knellpoort | Rietspruit | 6 | FS | BF | 130.00 | 50.722 | 38.5 | 39.2 | 39.0 |
| D3 | D3R002 | Gariep | Orange | 6 | FS | | 5196.04 | 3194.13 | 56.3 | 62.2 | 61.5 |
| | D3R003 | Vanderkloof | Orange | 6 | FS | | 3171.30 | 2490.40 | 56.9 | 78.9 | 78.5 |
| D4 | D4R003 | Disaneng | Molopo | 5 | NW | | 14.125 | 12.070 | 32.6 | 85.5 | 85.5 |
| | D4R004 | Setumo | Molopo | 5 | NW | | 20.718 | 19.054 | 30.4 | 92.0 | 92.0 |
| D7 | D7R001 | ~Boegoeberg | Orange | 6 | NC | | 20.613 | 22.339 | 98.8 | 106.5 | 108.4 |
| | **Subtotal** | | | | | | **10952.33** | **6672.83** | **52.4** | **61.5** | **60.9** |
| **E** | | | | | | | | | | | |
| E1 | E1R001 | Bulshoek | Olifants | 9 | WCw | | 4.809 | 2.339 | 98.8 | 28.0 | 48.6 |
| | E1R002 | Clanwilliam | Olifants | 9 | WCw | | 122.48 | 49.442 | 99.8 | 41.6 | 40.4 |
| E4 | E4R001 | Karee | Karee | 9 | NC | | 0.949 | 0.011 | 6.6 | 1.9 | 1.1 |
| | **Subtotal** | | | | | | **128.24** | **51.79** | **99.0** | **40.8** | **40.4** |
| **G** | | | | | | | | | | | |
| G1 | G1R001 | Voëlvlei | Voëlvlei | 9 | WCw | CT | 158.58 | 43.231 | 71.7 | 27.3 | 27.3 |
| | G1R002 | Wemmershoek | Wemmers | 9 | WCw | CT | 58.710 | 27.008 | 68.1 | 45.0 | 46.0 |
| | G1R003 | ~Misverstand | Berg | 9 | WCw | | 6.439 | 5.937 | 104.0 | 101.5 | 92.2 |
| | G1R004 | Berg River | Berg | 9 | WCw | CT | 127.05 | 83.611 | 72.5 | 64.2 | 65.8 |
| G4 | G4R001 | ~Steenbras | Steenbras | 9 | WCw | CT | 33.880 | 14.550 | 64.8 | 43.6 | 42.9 |
| | G4R002 | Eikenhof | Palmiet | 8 | WCw | | 28.856 | 24.152 | 101.8 | 82.3 | 83.7 |
| | G4R007 | ~Steenbras dam-Upper | Steenbras | 9 | WCw | CT | 31.811 | 31.811 | 92.4 | 100.2 | 100.0 |
| | G4R010 | De Bos | Onrus | 8 | WCw | | 5.735 | 3.828 | 99.7 | 66.8 | 66.7 |
| | **Subtotal** | | | | | | **451.06** | **234.13** | **75.1** | **51.5** | **51.9** |

| | Station | Reservoir | River | WMA | Prov | WSS | Full Supply Capacity $10^6M^3$ | Water in Dam $10^6M^3$ | Last Year %Full | Last Week %Full | 2017-10-09 %Full |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **H** | | | | | | | | | | | |
| H1 | H1R001 | Brandvlei | Brandvlei | 8 | WCw | | 286.04 | 95.029 | 56.0 | 33.0 | 33.2 |
| | H1R002 | Stettynskloof | Holsloot | 8 | WCw | | 14.747 | 14.858 | 100.2 | 100.3 | 100.8 |
| | H1R003 | Ceres | Koekedou | 8 | WCw | | 17.250 | 7.450 | 96.3 | 43.0 | 43.2 |
| H2 | H2R001 | Roode Elsberg | Sanddrifskloof | 8 | WCw | | 7.727 | 2.954 | 100.1 | 37.5 | 38.2 |
| | H2R002 | Lakenvallei | Sanddrifskloof | 8 | WCw | | 10.264 | 8.434 | 99.9 | 82.3 | 82.2 |
| H3 | H3R001 | Poortjies Kloof | Groot | 8 | WCw | | 9.720 | 3.747 | 70.4 | 38.6 | 38.5 |
| | H3R002 | Pietersfontein | Pietersfontein | 8 | WCw | | 1.984 | 1.152 | 85.2 | 58.0 | 58.0 |
| H4 | H4R002 | Keerom | Nuy | 8 | WCw | | 9.750 | 4.337 | 82.6 | 44.5 | 44.5 |
| | H4R003 | Klipberg | Konings | 8 | WCw | | 1.978 | 0.239 | 60.8 | 12.1 | 12.1 |
| | H4R004 | Kwaggaskloof | Kwaggaskloof | 8 | WCw | | 169.41 | 58.071 | 56.6 | 34.0 | 34.3 |
| H6 | H6R001 | Thee Waters Kloof | Riviersonderend | 8 | WCw | CT | 479.26 | 132.61 | 52.5 | 27.7 | 27.7 |
| | H6R002 | Elandskloof | Elands | 8 | WCw | | 10.993 | 4.216 | 94.6 | 37.7 | 38.4 |
| H7 | H7R001 | Buffelsjags | Buffelsjags | 8 | WCo | | 4.543 | 4.581 | 101.9 | 100.8 | 100.8 |
| H8 | H8R001 | Duiwenhoks | Duiwenhoks | 8 | WCo | | 6.180 | 5.266 | 100.3 | 86.2 | 85.2 |
| H9 | H9R001 | Korentepoort | Korinte | 8 | WCo | | 8.092 | 4.192 | 100.1 | 52.3 | 51.8 |
| | **Subtotal** | | | | | | **1037.94** | **347.14** | **58.2** | **33.3** | **33.4** |
| **J** | | | | | | | | | | | |
| J1 | J1R001 | Prinsrivier | Prins | 8 | WCo | | 2.258 | 0.203 | 8.8 | 9.0 | 9.0 |
| | J1R002 | Bellair | Brak | 8 | WCo | | 4.241 | 1.423 | 65.9 | 33.6 | 33.6 |
| | J1R003 | Floris Kraal | Buffels | 8 | WCo | | 48.266 | 1.528 | 13.5 | 3.3 | 3.2 |
| | J1R004 | Miertjies Kraal | Brand | 8 | WCo | | 1.442 | 0.000 | 21.0 | 0.0 | 0.0 |
| J2 | J2R001 | Calitzdorp | Nels | 8 | WCo | | 4.817 | 1.112 | 88.1 | 26.0 | 23.1 |
| | J2R002 | Leeugamka | Leeu | 8 | WCo | | 13.584 | 0.446 | 19.8 | 4.7 | 3.3 |
| | J2R003 | Oukloof | Cordiers | 8 | WCo | | 4.190 | 0.074 | 25.6 | 1.8 | 1.8 |
| | J2R004 | Gamka | Gamka | 8 | WCo | | 1.820 | 0.000 | 34.3 | 0.0 | 0.0 |
| | J2R006 | Gamkapoort | Gamka | 8 | WCo | | 36.234 | 0.000 | 3.9 | 0.0 | 0.0 |
| J3 | J3R001 | Kammanassie | Kammanassie | 8 | WCo | | 34.354 | 1.953 | 30.9 | 5.7 | 5.7 |
| | J3R002 | Stompdrift | Olifants | 8 | WCo | | 46.267 | 1.936 | 25.4 | 4.4 | 4.2 |
| | **Subtotal** | | | | | | **197.47** | **8.675** | **21.4** | **4.63** | **4.39** |
| **K** | | | | | | | | | | | |
| K1 | K1R001 | Hartebeestkuil | Hartenbos | 8 | WCo | | 7.133 | 0.919 | 56.2 | 13.6 | 12.9 |
| | K1R002 | Klipheuwel | Hartenbos | 8 | WCo | | 4.450 | 2.996 | 96.6 | 65.3 | 67.3 |
| K2 | K2R001 | Ernest Robertson | Grootbrak | 8 | WCo | | 0.415 | 0.419 | 100.7 | 101.2 | 101.1 |
| | K2R002 | Wolwedans | Grootbrak | 8 | WCo | | 24.626 | 19.559 | 100.0 | 80.0 | 79.4 |
| K3 | K3R002 | Garden Route | Swart | 8 | WCo | | 9.979 | 5.556 | 77.4 | 54.9 | 55.7 |
| K6 | K6R001 | Roodefontein | Piesang | 8 | WCo | | 1.990 | 1.292 | 100.9 | 64.9 | 64.9 |
| K9 | K9R001 | Kromrivier | Krom | 7 | EC | AL | 35.240 | 4.512 | 59.8 | 12.9 | 12.8 |
| | K9R002 | Impofu | Krom | 7 | EC | AL | 105.76 | 55.975 | 82.2 | 53.5 | 52.9 |
| | **Subtotal** | | | | | | **189.59** | **91.23** | **79.7** | **48.5** | **48.1** |
| **L** | | | | | | | | | | | |
| L3 | L3R001 | ~Beervlei | Groot | 7 | EC | | 85.779 | 0.004 | 0.0 | 0.0 | 0.0 |
| L8 | L8R001 | Kouga | Kouga | 7 | EC | AL | 125.91 | 17.174 | 65.3 | 14.1 | 13.6 |
| | L8R002 | Haarlem | Groot | 7 | WCo | | 4.603 | 1.125 | 73.2 | 24.4 | 24.4 |
| L9 | L9R001 | ~Loerie | Loerie Spruit | 7 | EC | AL | 3.026 | 2.876 | 31.0 | 92.9 | 95.0 |
| | **Subtotal** | | | | | | **219.32** | **21.18** | **39.4** | **9.90** | **9.66** |
| **M** | | | | | | | | | | | |
| M1 | M1R001 | Groendal | Swartkops | 7 | EC | AL | 11.638 | 5.722 | 78.5 | 51.6 | 49.2 |
| | **Subtotal** | | | | | | **11.64** | **5.722** | **78.5** | **51.6** | **49.2** |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **N** | | | | | | | | | | | |
| N1 | N1R001 | Nqweba (Van Ryneveldspas) | Sondags | 7 | EC | | 44.718 | 6.240 | 29.6 | 14.4 | 14.0 |
| N2 | N2R001 | Darlington | Sondags | 7 | EC | | 180.83 | 62.477 | 26.4 | 34.3 | 34.5 |
| | **Subtotal** | | | | | | **225.55** | **68.72** | **27.1** | **30.4** | **30.5** |
| **Q** | | | | | | | | | | | |
| Q1 | Q1R001 | ~Grassridge | Groot Brak | 7 | EC | | 46.190 | 18.266 | 29.1 | 38.4 | 39.5 |
| Q4 | Q4R002 | Kommando drift | Tarka | 7 | EC | | 55.870 | 19.110 | 50.2 | 35.1 | 34.2 |
| Q5 | Q5L001 | ~Elands Drift | Great Fish | 7 | EC | | 3.546 | 2.856 | 44.6 | 56.3 | 80.6 |
| Q8 | Q8R001 | ~De Mist Kraal | Little Fish | 7 | EC | | 2.053 | 1.681 | 57.3 | 70.4 | 81.9 |
| Q9 | Q9L001 | Glen Melville | Water from Fish river via Ecca tunnel | 7 | EC | | 6.229 | 4.332 | 63.6 | 70.7 | 69.5 |
| | Q9R001 | Katrivier | Kat | 7 | EC | | 24.682 | 20.162 | 93.4 | 80.5 | 81.7 |
| | **Subtotal** | | | | | | **138.57** | **66.41** | **51.4** | **47.0** | **47.9** |
| **R** | | | | | | | | | | | |
| R1 | R1R001 | Sandile | Keiskamma | 7 | EC | | 29.656 | 16.180 | 69.1 | 53.1 | 54.6 |
| | R1R003 | Binfield | Tyume | 7 | EC | | 36.849 | # 32.918 | 91.9 | # 89.3 | # 89.3 |
| R2 | R2L001 | Debe | Debe | 7 | EC | | 6.331 | # 3.652 | 73.6 | # 57.7 | # 57.7 |
| | R2R001 | Laing | Buffalo | 7 | EC | AM | 18.904 | 19.109 | 98.9 | 100.8 | 101.1 |
| | R2R002 | Rooikrantz | Buffalo | 7 | EC | AM | 4.799 | 3.602 | 68.2 | 73.9 | 75.1 |
| | R2R003 | Bridle Drift | Buffalo | 7 | EC | AM | 97.923 | 44.228 | 64.5 | 43.8 | 45.2 |
| R3 | R3R001 | Nahoon | Nahoon | 7 | EC | AM | 19.247 | 14.096 | 87.4 | 69.8 | 73.2 |
| | **Subtotal** | | | | | | **213.71** | **133.79** | **75.3** | **61.4** | **62.6** |
| **S** | | | | | | | | | | | |
| S1 | S1L001 | Macubeni | Cacadu | 7 | EC | | 3.373 | 2.742 | 81.1 | 78.8 | 81.3 |
| | S1R001 | Xonxa | White Kei | 7 | EC | | 115.86 | 112.99 | 96.0 | 95.9 | 97.5 |
| S2 | S2R001 | Lubisi | Indwe | 7 | EC | | 158.00 | 67.788 | 52.2 | 43.0 | 42.9 |
| | S2R002 | Doornrivier | Doorn | 7 | EC | | 17.099 | 8.507 | 49.0 | 48.9 | 49.8 |
| S3 | S3L001 | Boesmanskrantz | Oxkraal | 7 | EC | KP | 4.818 | 0.820 | 72.1 | 16.9 | 17.0 |
| | S3R001 | Waterdown | Klipplaat | 7 | EC | KP | 37.441 | 21.205 | 99.2 | 59.4 | 56.6 |
| | S3R003 | Oxkraal | Oskraal | 7 | EC | KP | 14.829 | 4.179 | 34.1 | 27.8 | 28.2 |
| S5 | S5R001 | Ncora | Tsomo | 7 | EC | | 147.28 | 119.83 | 45.4 | 79.5 | 81.4 |
| | S5R002 | Tsojana | Tsojana | 7 | EC | | 12.272 | 11.176 | 92.7 | 90.1 | 91.1 |
| S6 | S6R001 | Gubu | Gubu | 7 | EC | AM | 8.504 | 7.766 | 94.1 | 89.3 | 91.3 |
| | S6R002 | Wriggleswade | Kubisi | 7 | EC | AM | 91.471 | 57.415 | 87.7 | 63.3 | 62.8 |
| S7 | S7R001 | Gcuwa | Gcuwa | 7 | EC | | 0.421 | # 0.023 | 100.0 | # 5.6 | # 5.6 |
| | S7R002 | Xilinxa | Xilinca | 7 | EC | | 13.823 | 0.104 | 6.5 | 0.2 | 0.8 |
| | S7R003 | Toleni | Toleni | 7 | EC | | 0.177 | 0.057 | 22.7 | 20.6 | 32.2 |
| | **Subtotal** | | | | | | **625.37** | **414.60** | **66.9** | **65.7** | **66.3** |
| **T** | | | | | | | | | | | |
| T2 | T2R001 | Umtata | Mtata | 7 | EC | | 244.67 | 233.55 | 98.5 | 94.5 | 95.5 |
| | T2R002 | Mabeleni | Mhlahlane | 7 | EC | | 2.099 | 2.041 | 96.4 | 95.5 | 97.3 |
| | T2R003 | Corana | Corana | 7 | EC | | 0.725 | 0.048 | 19.1 | 0.5 | 6.7 |
| T3 | T3R001 | Belfort | Mafube | 7 | EC | | 0.413 | 0.268 | 57.4 | 64.8 | 64.8 |
| | T3R003 | Ntenetyana | Ntenetyana | 7 | EC | | 1.615 | 1.058 | 43.1 | 67.1 | 65.5 |
| | T3R004 | Nqadu | Nqadu | 7 | EC | | 1.274 | 0.256 | 30.9 | 19.0 | 20.1 |
| T7 | T7R001 | Mlanga | Mlanga | 7 | EC | | 1.597 | 0.000 | 0.0 | 0.0 | 0.0 |
| | **Subtotal** | | | | | | **252.39** | **237.22** | **96.9** | **93.1** | **94.0** |

| | Station | Reservoir | River | WMA | Prov | WSS | Full Supply Capacity $10^6M^3$ | Water in Dam $10^6M^3$ | Last Year %Full | Last Week %Full | 2017-10-09 %Full |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **U** | | | | | | | | | | | |
| U2 | U2R001 | Midmar | Mgeni | 4 | KN | UM | 235.42 | 168.37 | 47.3 | 70.5 | 71.5 |
| | U2R002 | Nagle | Mgeni | 4 | KN | UM | 23.236 | 14.643 | 69.3 | 62.7 | 63.0 |
| | U2R003 | Albert-Falls | Mgeni | 4 | KN | UM | 288.14 | 64.737 | 24.5 | 23.1 | 22.5 |
| | U2R004 | Inanda | Mgeni | 4 | KN | UM | 237.40 | 136.55 | 63.5 | 57.8 | 57.5 |
| U3 | U3R001 | Hazelmere | Mdloti | 4 | KN | | 17.676 | 17.147 | 64.1 | 98.0 | 97.0 |
| | **Subtotal** | | | | | | **801.87** | **401.45** | **44.9** | **50.1** | **50.1** |
| **V** | | | | | | | | | | | |
| V1 | V1R001 | Spioenkop | Tugela | 4 | KN | | 270.64 | 202.51 | 51.1 | 75.3 | 74.8 |
| | V1R002 | ~Driel Barrage | Tugela | 4 | KN | | 8.694 | # 8.780 | 97.2 | 101.0 | # 101.0 |
| | V1R003 | ~Woodstock | Tugela | 4 | KN | IV | 373.25 | # 276.20 | 64.2 | # 74.0 | # 74.0 |
| V2 | V2R001 | Craigie Burn | Mnyamvubu | 4 | KN | | 22.466 | 19.676 | 51.8 | 86.3 | 87.6 |
| | V2R002 | Mearns | Mooi | 4 | KN | | 5.163 | 3.312 | 42.9 | 40.3 | 64.1 |
| | V2R003 | Spring Grove | Mooi | 4 | KN | UM | 139.20 | 105.96 | 45.0 | 76.1 | 76.1 |
| V3 | V3R001 | Ntshingwayo | Ngagane | 4 | KN | | 194.56 | 154.19 | 43.2 | 79.6 | 79.3 |
| | V3R003 | Zaaihoek | Slang | 4 | KN | IV | 184.63 | 119.26 | 45.2 | # 65.7 | 64.6 |
| V7 | V7R001 | Wagendrift | Boesmans | 4 | KN | | 55.900 | 52.064 | 99.4 | 91.1 | 93.1 |
| | **Subtotal** | | | | | | **1254.50** | **941.95** | **54.7** | **75.2** | **75.1** |
| **W** | | | | | | | | | | | |
| W1 | W1R001 | Goedertrouw | Mhlatuze | 4 | KN | | 301.26 | 95.255 | 17.5 | 31.7 | 31.6 |
| W2 | W2R001 | Klipfontein | Wit Mfolozi | 4 | KN | | 18.086 | 8.311 | 10.1 | 45.2 | 46.0 |
| W3 | W3R001 | Hluhluwe | Hluhluwe | 4 | KN | | 25.893 | 15.892 | 20.9 | 61.8 | 61.4 |
| W4 | W4R001 | Pongolapoort | Phongolo | 4 | KN | | 2267.07 | 836.07 | 37.6 | 36.9 | 36.9 |
| | W4R002 | Bivane | Bivane | 4 | KN | | 114.04 | 57.608 | 18.5 | 56.6 | 50.5 |
| W5 | W5R001 | Jericho | Mpama | 3 | M | IV | 59.273 | 41.365 | 72.8 | 68.9 | 69.8 |
| | W5R002 | Westoe | Usutu | 3 | M | IV | 60.095 | 51.758 | 48.8 | 85.7 | 86.1 |
| | W5R003 | Morgenston d | Ngwempisi | 3 | M | IV | 99.988 | 46.752 | 50.9 | 46.4 | 46.8 |
| | W5R004 | Heyshope | Assegaai | 3 | M | IV | 444.94 | 347.65 | 79.9 | 77.9 | 78.1 |
| | **Subtotal** | | | | | | **3390.65** | **1500.66** | **41.7** | **44.4** | **44.3** |
| **X** | | | | | | | | | | | |
| X1 | X1R001 | Nooigedacht | Komati | 3 | M | IV | 78.343 | 68.760 | 49.1 | 87.1 | 87.8 |
| | X1R003 | Vygeboom | Komati | 3 | M | IV | 78.020 | 66.930 | 29.0 | 85.0 | 85.8 |
| | X1R004 | Driekoppies | Lomati | 3 | M | | 250.92 | 106.46 | 23.5 | 42.8 | 42.4 |
| | X1R005 | Maguga | Komati | 11 | S | | 333.75 | 206.17 | 17.0 | 62.8 | 61.8 |
| X2 | X2R001 | Longmere | Wit | 3 | M | | 4.202 | 2.743 | 51.6 | 67.1 | 65.3 |
| | X2R002 | Klipkopjes | Wit | 3 | M | | 11.777 | 9.212 | 23.9 | 77.4 | 78.2 |
| | X2R003 | Witklip | Sand | 3 | M | | 12.519 | 11.412 | 35.7 | 92.3 | 91.2 |
| | X2R004 | Primkop | Wit | 3 | M | | 1.899 | 1.309 | 16.4 | 71.0 | 68.9 |
| | X2R005 | Kwena | Krokodil | 3 | M | | 158.89 | 103.42 | 24.7 | 67.0 | 65.1 |
| X3 | X3R001 | Da Gama | White Waters | 3 | M | | 13.526 | 10.303 | 42.4 | 76.2 | 76.2 |
| | X3R002 | Inyaka | Marite | 3 | M | | 123.66 | 102.69 | 49.7 | 83.6 | 83.0 |
| | **Subtotal** | | | | | | **1067.51** | **689.41** | **27.4** | **65.2** | **64.6** |

| Total Full Supply Capacity of dams $10^6M^3$ | Last Year | Last Week | This Week 2017-10-09 |
|---|---|---|---|
| | 32352.0 | 32350.1 | 32350.1 |

| Summary Provinces | Full Supply Capacity $10^6M^3$ | Water in Storage $10^6M^3$ | Last Year %Full | Last Week %Full | This Week %Full |
|---|---|---|---|---|---|
| EC Eastern Cape | 1832.4 | 1015.7 | 63.6 | 55.0 | 55.4 |
| FS Free State | 15968.0 | 11868.2 | 51.9 | 74.7 | 74.3 |
| G Gauteng | 114.8 | 101.7 | 79.1 | 86.5 | 88.6 |
| KN Kwazulu-Natal | 4782.7 | 2356.5 | 41.4 | 49.5 | 49.3 |
| L Lesotho | 2362.6 | 853.4 | 38.4 | 36.6 | 36.1 |
| LP Limpopo | 1522.3 | 1077.4 | 46.4 | 70.9 | 70.8 |
| M Mpumalanga | 2538.8 | 1789.6 | 49.0 | 70.6 | 70.5 |
| NC Northern Cape | 146.3 | 136.0 | 55.5 | 91.1 | 92.9 |
| NW North West | 881.4 | 695.8 | 57.4 | 79.3 | 78.9 |
| S Swaziland | 333.8 | 206.2 | 17.0 | 62.8 | 61.8 |
| WCo Western Cape - Other rainfall | 269.5 | 54.6 | 39.9 | 20.5 | 20.3 |
| WCw Western Cape - Winter rainfall | 1597.5 | 619.0 | 65.8 | 38.6 | 38.7 |
| WC Western Cape - Total | 1867 | 673.6 | 62.1 | 36.0 | 36.1 |
| **GRAND TOTAL** | 32350.1 | 20773.9 | 50.0 | 64.4 | 64.2 |

| Summary WMA | Full Supply Capacity $10^6M^3$ | Water in Storage $10^6M^3$ | Last Year %Full | Last Week %Full | This Week %Full |
|---|---|---|---|---|---|
| 1 Limpopo | 1297.6 | 1034.7 | 54.6 | 79.9 | 79.7 |
| 2 Olifants | 1857.5 | 1249.6 | 42.1 | 67.3 | 67.3 |
| 3 Inkomati-Usuthu | 1398.1 | 970.8 | 51.2 | 69.6 | 69.4 |
| 4 Pongola-Mtamvuna | 4782.7 | 2356.5 | 41.4 | 49.5 | 49.3 |
| 5 Vaal Major | 7541.2 | 6529.4 | 51.0 | 86.6 | 86.6 |
| 6 Orange | 9085.7 | 5892.8 | 53.7 | 65.4 | 64.9 |
| 7 Mzimvubu-Tsitsikamma | 1827.5 | 1008.1 | 63.5 | 54.7 | 55.2 |
| 8 Breede-Gouritz | 1318.6 | 414.5 | 54.9 | 31.4 | 31.4 |
| 9 Berg-Olifants | 544.7 | 257.9 | 79.1 | 47.1 | 47.4 |
| 10 Lesotho | 2362.6 | 853.4 | 38.4 | 36.6 | 36.1 |
| 11 Swaziland | 333.8 | 206.2 | 17.0 | 62.8 | 61.8 |
| **GRAND TOTAL** | 32350.1 | 20773.9 | 50.0 | 64.4 | 64.2 |

**Please note** that the above summaries are not representative of all dams within any of the Provinces or Water Management Areas.
The summaries only reflect the storages for those dams listed in the Weekly State of Reservoirs Report.

| Summary Water Supply Systems | Full Supply Capacity $10^6M^3$ | Water in Storage $10^6M^3$ | Last Year %Full | Last Week %Full | This Week %Full |
|---|---|---|---|---|---|
| AL Algoa | 281.6 | 86.3 | 71.1 | 31.2 | 30.6 |
| AM Amathole | 240.8 | 146.2 | 78.9 | 60.0 | 60.7 |
| BF Bloemfontein | 219.4 | 81.6 | 32.1 | 35.8 | 37.2 |
| CT Cape Town | 889.3 | 332.8 | 61.7 | 37.2 | 37.4 |
| CW Crocodile West | 444.0 | 396.0 | 83.6 | 89.4 | 89.2 |
| IV IVRS | 10551.3 | 7900.8 | 50.5 | 75.0 | 74.9 |
| KP Klipplaat | 57.1 | 26.2 | 80.0 | 47.6 | 45.9 |
| LV Luvuvhu | 224.8 | 213.2 | 51.2 | 94.7 | 94.9 |
| PK Polokwane | 254.3 | 146.8 | 31.3 | 57.8 | 57.7 |
| UM Umgeni | 923.4 | 490.3 | 44.6 | 53.1 | 53.1 |

## Balancing Dams

Unlike a storage dam where the primary purpose is the long term storage of water, a balancing dam is designed to act as a multi-purpose facility. Commonly it would serve as a distribution point from where water is diverted into pipelines, canals or power generating turbines or to serve as a pumping station. In some instances the balancing dam may have no natural catchment of its own. Water is usually fed into the dam from one or more outside sources in such a way that a **balance** is struck between the water entering at one end and being distributed at the other. Depending on the size of the dam, it may happen that the volume of water passing through the dam in the course of a day may exceed the capacity of the dam. The constant in and outflow of water will cause the water level in the dam to fluctuate, and the smaller the balancing dam the larger and more rapid such fluctuations will be.

Dams marked with a ~ in the Weekly Bulletin fall under the above description and water levels at these dams can therefore be expected to vary considerably from week to week.

NOTE:
Beervlei Dam does not qualify as either a balancing dam or a storage dam but belongs to a category of its own. The dam was built as a flood control dam to protect the Gamtoos River Valley from flooding. In order to perform its flood control function the dam is operated at 0 %.