



water & sanitation

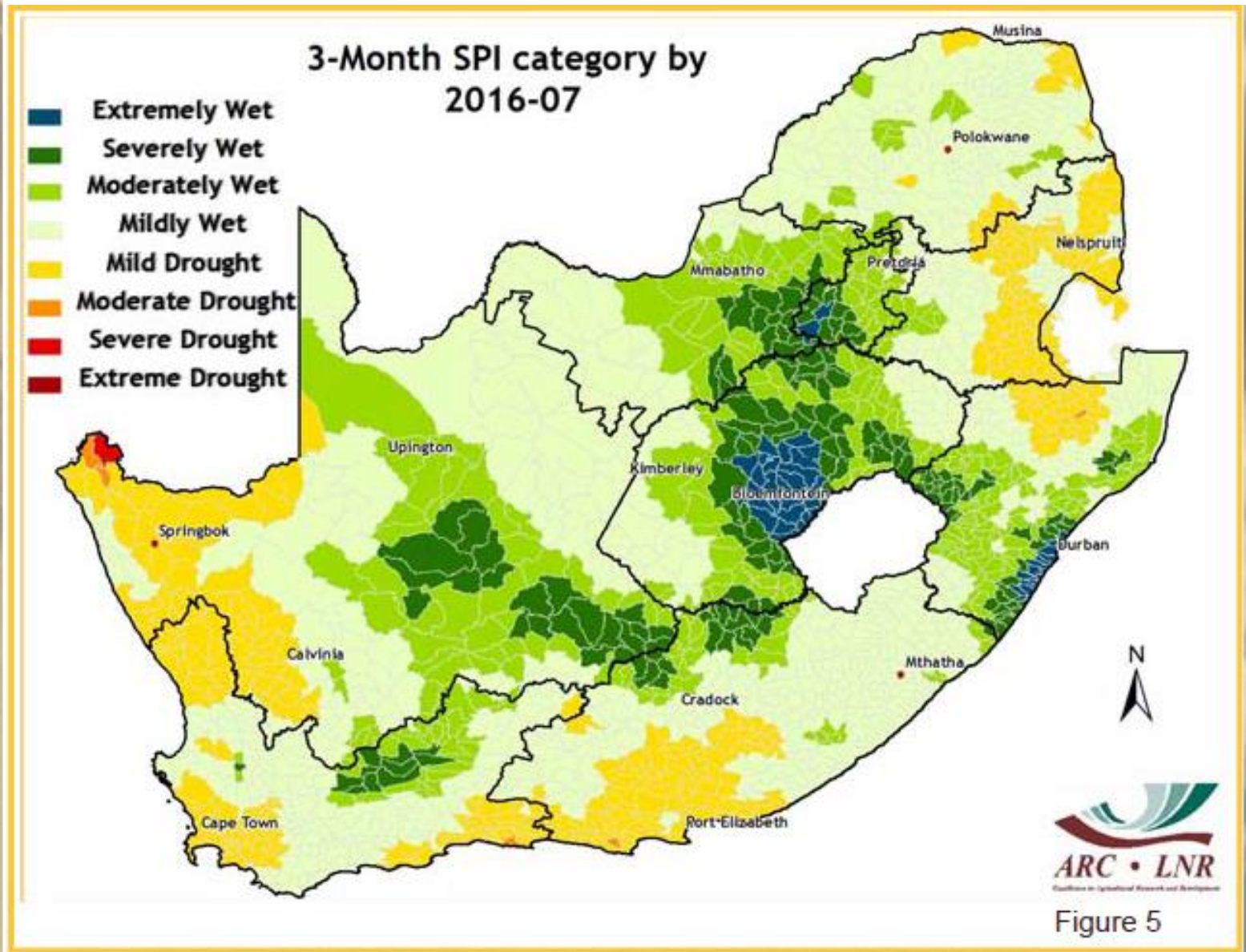
Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

# Status of Drought in KZN

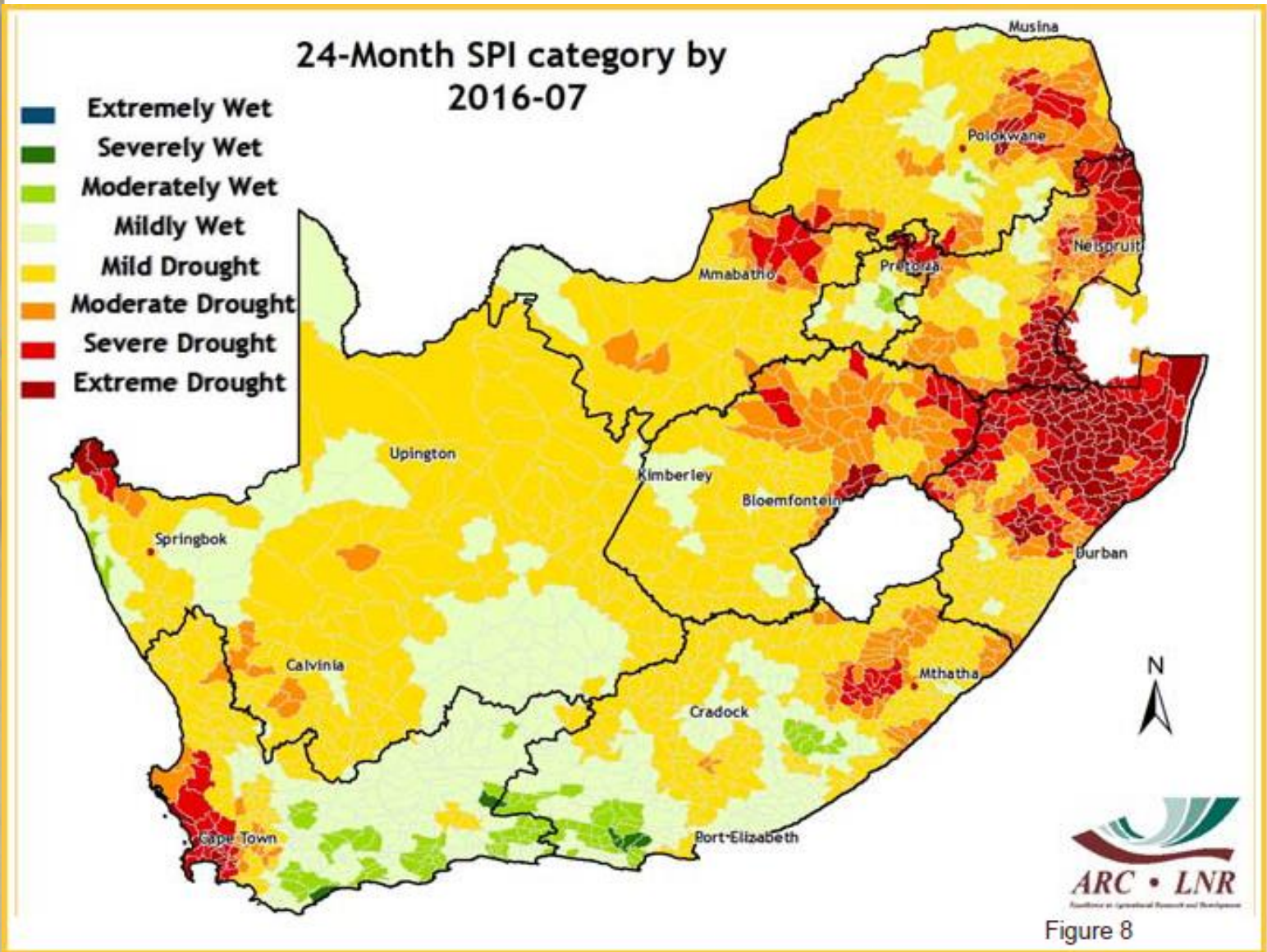
30 Aug 2016



# Standard Precipitation Index



# Standard Precipitation Index



# Status of DWS reservoirs

| Dam Name                                         | River Name  | FSC in                         | % Capacity |        |        |        |        |        |        |        |        |
|--------------------------------------------------|-------------|--------------------------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                                  |             | 10 <sup>6</sup> m <sup>3</sup> | Aug-15     | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | 30 aug |
| Midmar                                           | Mgeni       | 235.4                          | 67         | 46.83  | 46.11  | 46.22  | 45.83  | 45.06  | 45.23  | 45.72  | 46.11  |
| Nagle                                            | Mgeni       | 23.26                          | 75.19      | 82.5   | 74.54  | 89.09  | 79.4   | 67.87  | 69.76  | 68.26  | 66.79  |
| Albert Falls                                     | Mgeni       | 288.4                          | 58.08      | 37.89  | 36.82  | 35.6   | 33.55  | 31.09  | 29.06  | 27.34  | 26.57  |
| Inanda                                           | Mgeni       | 237.4                          | 92.13      | 80.9   | 78.4   | 80.53  | 76.88  | 73.8   | 70.2   | 67.71  | 65.42  |
| Hazelmere                                        | Mdloti      | 17.66                          | 31.19      | 35.39  | 34.44  | 41.21  | 43.4   | 47.43  | 45.02  | 52.92  | 62.27  |
| Spioenkop                                        | Tugela      | 270.4                          | 80.71      | 58.99  | 63.49  | 68.58  | 69.53  | 64.96  | 58.88  | 56.87  | 54.94  |
| Driel Barrage                                    | Tugela      | 8.694                          | 103.36     | 105.04 | 103.36 | 96.05  | 98.7   | 106.75 | 102.03 | 106.75 | 106.75 |
| Woodstock                                        | Tugela      | 373.5                          | 87.53      | 70.94  | 76.73  | 89.98  | 87.82  | 81.09  | 75.16  | 74     | 72.2   |
| Craigie Burn                                     | Mnyamvubu   | 22.46                          | 92.04      | 65.43  | 65.13  | 67.29  | 60.03  | 55.72  | 53.58  | 52.29  | 53.58  |
| Mearns                                           | Mooi        | 5.163                          | 86.2       | 103.21 | 49.65  | 96.36  | 34.4   | 29.32  | 39.68  | 72.91  | 51.41  |
| Spring Grove                                     | Mooi        | 139.2                          | 96.32      | 78.58  | 85.26  | 86.86  | 79.51  | 70.98  | 62.98  | 57.98  | 54.27  |
| Ntshingwayo                                      | Ngagane     | 194.6                          | 70.72      | 55.54  | 55.66  | 57.72  | 54.71  | 55.72  | 49.92  | 48.47  | 46.3   |
| Zaaihoek                                         | Slang       | 184.3                          | 78.94      | 58.98  | 58.42  | 58.23  | 56.34  | 53.73  | 51.77  | 50.31  | 48.23  |
| Wagendrift                                       | Boesmans    | 55.9                           | 99.34      | 98.98  | 100.75 | 100.75 | 99.89  | 94.1   | 91.74  | 95.51  | 100.09 |
| Goedertrouw                                      | Mhlatuze    | 301.26                         | 39.02      | 27.1   | 23.97  | 23.33  | 20.61  | 20     | 19.13  | 18.83  | 18.66  |
| Klipfontein                                      | Wit Mfolozi | 18.08                          | 45.85      | 19.82  | 19.66  | 25.49  | 21.44  | 17.4   | 15.06  | 13.86  | 12.81  |
| Hluhluwe                                         | Hluhluwe    | 25.89                          | 38.06      | 19.48  | 17.67  | 17.16  | 15.67  | 15.93  | 15.09  | 19.4   | 18.66  |
| Pongolapoort                                     | Phongolo    | 2 267                          | 56.44      | 48.35  | 46     | 46.4   | 44.38  | 42.88  | 41.3   | 40.26  | 39.2   |
| Total Capacity in 10 <sup>6</sup> m <sup>3</sup> |             | 4 669                          | 3 034      | 2 458  | 2 423  | 2 509  | 2 406  | 2 295  | 2 176  | 2 125  | 2 072  |
| Percentage                                       |             | 100                            | 65.0       | 52.7   | 51.9   | 53.7   | 51.5   | 49.2   | 46.6   | 45.5   | 44.4   |

# Drought Management

- Provincial Disaster declared and KZN Provincial Disaster Management Centre is the coordinating Hub for all sector departments
- DWS leads District and Supply System Joint Operating Committees (JOCs) which are established to monitor critical systems, develop interventions and monitor implementation of interventions Viz.:
  1. North Coast JOC - Hazelmere, Maphumulo, KwaDukuza
  2. Ugu JOC including Umzinto, Harding Weza, Umzimkhulu
  3. Mhlathuze JOC - Uthungulu, City of Mhlathuze, Chamber of Business, Irrigators
  4. Mgeni JOC - Umsunduzi, Ethekewini, Ugu, Ilembe, Irrigators
  5. Zululand JOC - Vryheid, Ulundi, Paulpietersburg
  6. Umkhanyakude JOC - All areas
  7. Hluhulwe JOC - Umkhanyakude, rate payers and irrigators
  8. Umzinyathi JOC - Greytown, Dundee, Glencoe, Nqutu
  9. Amajuba JOC – Amajuba & Newcastle
  10. Uthukela JOC – Uthukela DM areas
- CoGTA PDMC agreed to establish Uthungulu JOC

# Thank You



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