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## Temperature and Rainfall report for OCTOBER 2018 vs 2019

| Area            | OKTOBER      |      |              |      |              |      |                |      |
|-----------------|--------------|------|--------------|------|--------------|------|----------------|------|
|                 | Minimum Temp |      | Maximum Temp |      | Average Temp |      | Total Rainfall |      |
|                 | 2018         | 2019 | 2018         | 2019 | 2018         | 2019 | 2018           | 2019 |
| Waterberg       | 6.6          | 7.2  | 34.6         | 37.2 | 21.2         | 24.0 | 12             | 4    |
| Nuy             | -            | 5.3  | -            | 34.5 | -            | 17.5 | -              | 5    |
| Langkloof - Oos | 5.3          | 5.2  | 38.1         | 36.7 | 16.6         | 15.6 | 20             | 9    |
| Wellington      | 7.2          | 6.6  | 37.2         | 34.6 | 24.0         | 21.2 | 4              | 12   |
| Montagu         | 4.2          | 4.6  | 40.3         | 34.5 | 20.0         | 17.9 | 8              | 13   |
| Ladismith       | 2.0          | 3.2  | 40.6         | 36.0 | 19.2         | 17.7 | 10             | 14   |
| Robertson       | 1.3          | 4.3  | 39.2         | 32.5 | 18.9         | 17.5 | 1              | 24   |
| Simondium       | 5.8          | 7.6  | 39.3         | 34.0 | 20.4         | 16.7 | 12             | 38   |
| Langkloof - Wes | 1.4          | -0.5 | 36.8         | 34.1 | 14.8         | 13.2 | 64             | 51   |
| Stellenbosch    | 6.3          | 5.4  | 37.5         | 30.3 | 19.5         | 16.1 | 14             | 90   |
| Franschhoek     | 8.1          | 8.1  | 39.4         | 34.5 | 20.6         | 17.3 | 12             | 92   |
| Tulbagh         | 4.3          | 3.6  | 38.0         | 30.4 | 20.8         | 14.8 | 11             | 96   |

# Temperature and Rainfall report for SEPTEMBER 2018 vs 2019

|                 | <b>SEPTEMBER</b>    |             |                     |             |                     |             |                       |             |
|-----------------|---------------------|-------------|---------------------|-------------|---------------------|-------------|-----------------------|-------------|
|                 | <b>Minimum Temp</b> |             | <b>Maximum Temp</b> |             | <b>Average Temp</b> |             | <b>Total Rainfall</b> |             |
| <b>Area</b>     | <b>2018</b>         | <b>2019</b> | <b>2018</b>         | <b>2019</b> | <b>2018</b>         | <b>2019</b> | <b>2018</b>           | <b>2019</b> |
| Waterberg       | 4.3                 | 3.3         | 36.3                | 33.6        | 21.5                | 19.8        | 8                     | 1           |
| Nuy             | -                   | 3.2         | -                   | 37.7        | -                   | 17.2        | -                     | 9           |
| Wellington      | 1.9                 | 4.5         | 33.7                | 37.4        | 12.9                | 16.9        | 53                    | 12          |
| Ladismith       | -1.0                | 2.3         | 34.1                | 35.8        | 13.0                | 17.1        | 58                    | 17          |
| Robertson       | 1.9                 | 3.2         | 36.9                | 37.8        | 14.1                | 17.0        | 47                    | 21          |
| Montagu         | 0.0                 | 2.2         | 37.1                | 36.6        | 13.5                | 17.0        | 33                    | 22          |
| Stellenbosch    | 3.3                 | 5.4         | 33.3                | 36.0        | 13.0                | 16.6        | 77                    | 25          |
| Tulbagh         | 3.9                 | 5.2         | 34.5                | 31.9        | 13.2                | 14.7        | 91                    | 26          |
| Franschhoek     | 3.7                 | 7.4         | 33.5                | 35.4        | 13.8                | 17.5        | 103                   | 30          |
| Simondium       | 2.2                 | 6.5         | 32.6                | 34.9        | 12.7                | 17.2        | 73                    | 30          |
| Langkloof - Oos | 2.7                 | 2.7         | 33.5                | 33.0        | 11.9                | 14.9        | 109                   | 41          |
| Langkloof - Wes | -0.8                | -1.7        | 31.0                | 32.1        | 9.7                 | 13.0        | 194                   | 84          |

## Monthly GGD/Heat Units - Richardson & Infruitec - Oct 2018 vs 2019

| Area            | OKTOBER    |            | OKTOBER           |                   |
|-----------------|------------|------------|-------------------|-------------------|
|                 | GGD (2018) | GGD (2019) | Heat Units (2018) | Heat Units (2019) |
| Langkloof - Wes | 151        | 110        | 4115              | 3141              |
| Tulbagh         | 343        | 165        | 8035              | 3792              |
| Langkloof - Oos | 216        | 188        | 5084              | 4330              |
| Stellenbosch    | 301        | 202        | 7109              | 4678              |
| Simondium       | 339        | 224        | 7816              | 5018              |
| Franschhoek     | 348        | 241        | 7904              | 5437              |
| Wellington      | 332        | 240        | 7638              | 5516              |
| Robertson       | 295        | 251        | 6779              | 5699              |
| Nuy             | -          | 238        | -                 | 5716              |
| Ladismith       | 289        | 244        | 6983              | 5929              |
| Montagu         | 318        | 252        | 7563              | 5971              |
| Waterberg       | 343        | 429        | 8324              | 10397             |

## Monthly GGD/Heat Units - Richardson & Infruitec - Sep 2018 vs 2019

| Area            | SEPTEMBER  |            | SEPTEMBER         |                   |
|-----------------|------------|------------|-------------------|-------------------|
|                 | GGD (2018) | GGD (2019) | Heat Units (2018) | Heat Units (2019) |
| Langkloof - Wes | 4          | 102        | 1595              | 3114              |
| Tulbagh         | 111        | 157        | 2839              | 3596              |
| Langkloof - Oos | 73         | 169        | 2225              | 3869              |
| Stellenbosch    | 104        | 209        | 2616              | 4847              |
| Wellington      | 100        | 224        | 2708              | 5121              |
| Simondium       | 89         | 235        | 2515              | 5273              |
| Robertson       | 133        | 227        | 3490              | 5286              |
| Montagu         | 107        | 216        | 3235              | 5349              |
| Franschhoek     | 127        | 248        | 3015              | 5392              |
| Nuy             | -          | 226        | -                 | 5406              |
| Ladismith       | 95         | 213        | 3023              | 5448              |
| Waterberg       | 352        | 290        | 8346              | 7165              |

## Monthly GGD/Heat Units - Richardson & Infruitec – Sep - Oct 2018 vs Sep - Oct 2019

| Area            | SEP - OKT  |            | SEP - OKT         |                   |
|-----------------|------------|------------|-------------------|-------------------|
|                 | GGD (2018) | GGD (2019) | Heat Units (2018) | Heat Units (2019) |
| Langkloof - Wes | 155        | 212        | 5710              | 6255              |
| Tulbagh         | 454        | 322        | 10874             | 7388              |
| Langkloof - Oos | 289        | 357        | 7309              | 8199              |
| Stellenbosch    | 405        | 411        | 9725              | 9525              |
| Simondium       | 428        | 459        | 10331             | 10291             |
| Wellington      | 432        | 464        | 10346             | 10637             |
| Franschhoek     | 475        | 489        | 10919             | 10829             |
| Robertson       | 428        | 478        | 10269             | 10985             |
| Nuy             | -          | 464        | -                 | 11122             |
| Montagu         | 425        | 468        | 10798             | 11320             |
| Ladismith       | 384        | 457        | 10006             | 11377             |
| Waterberg       | 695        | 719        | 16670             | 17562             |

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## Temperature and Rainfall report for OCTOBER 2018 vs 2019

| Area            | OKTOBER      |      |              |      |              |      |                |      |
|-----------------|--------------|------|--------------|------|--------------|------|----------------|------|
|                 | Minimum Temp |      | Maximum Temp |      | Average Temp |      | Total Rainfall |      |
|                 | 2018         | 2019 | 2018         | 2019 | 2018         | 2019 | 2018           | 2019 |
| Vrystaat        | 1.6          | 3.4  | 31.7         | 32.2 | 16.0         | 18.0 | 32             | 4    |
| Langkloof - Oos | 5.3          | 5.2  | 38.1         | 36.7 | 16.6         | 15.6 | 20             | 9    |
| WBV - Noord     | 2.6          | 3.6  | 37.8         | 35.9 | 18.9         | 16.2 | 9              | 42   |
| Piketberg       | 5.0          | 2.0  | 36.2         | 35.1 | 18.2         | 14.7 | 44             | 45   |
| Ermelo          | -            | 3.7  | -            | 32.3 | -            | 17.4 | -              | 48   |
| Langkloof - Wes | 1.4          | -0.5 | 36.8         | 34.1 | 14.8         | 13.2 | 64             | 51   |
| WBV - Suid      | 1.8          | 0.5  | 39.9         | 32.9 | 18.2         | 14.7 | 14             | 67   |
| Wolseley        | 3.7          | 3.9  | 38.5         | 34.4 | 19.0         | 15.2 | 11             | 78   |
| Villiersdorp    | 3.4          | 2.9  | 37.0         | 31.5 | 18.4         | 15.7 | 40             | 84   |
| Greyton         | 4.2          | 3.6  | 37.6         | 32.3 | 17.9         | 15.7 | 32             | 87   |
| Koue Bokkeveld  | 1.1          | 1.4  | 33.6         | 31.8 | 16.2         | 13.1 | 28             | 88   |
| Vyeboom         | 4.9          | 5.3  | 35.7         | 30.3 | 17.5         | 15.3 | 52             | 174  |
| Elgin           | 6.2          | 6.9  | 35.0         | 28.8 | 17.8         | 15.1 | 34             | 181  |

# Temperature and Rainfall report for SEPTEMBER 2018 vs 2019

|                 | SEPTEMBER    |      |              |      |              |      |                |      |
|-----------------|--------------|------|--------------|------|--------------|------|----------------|------|
|                 | Minimum Temp |      | Maximum Temp |      | Average Temp |      | Total Rainfall |      |
| Area            | 2018         | 2019 | 2018         | 2019 | 2018         | 2019 | 2018           | 2019 |
| Vrystaat        | -2.4         | -1.8 | 30.0         | 30.8 | 14.2         | 14.4 | 19.0           | 0.0  |
| Villiersdorp    | 0.4          | 3.7  | 34.0         | 34.7 | 12.5         | 16.1 | 10.0           | 15.0 |
| WBV - Noord     | 0.1          | 2.5  | 33.3         | 33.4 | 11.2         | 15.1 | 33.1           | 17.0 |
| WBV - Suid      | -0.2         | 2.8  | 31.6         | 34.1 | 10.8         | 15.3 | 50.0           | 17.0 |
| Piketberg       | -0.3         | 1.9  | 33.6         | 33.6 | 10.8         | 15.2 | 98.0           | 18.0 |
| Wolseley        | -0.8         | 3.0  | 29.8         | 35.9 | 10.0         | 15.4 | 64.0           | 22.0 |
| Greyton         | 0.3          | 3.9  | 34.3         | 36.7 | 12.8         | 16.0 | 44.0           | 24.0 |
| Ermelo          | -            | -0.6 | -            | 30.1 | -            | 14.0 | -              | 33.0 |
| Koue Bokkeveld  | -1.3         | 0.3  | 28.2         | 29.4 | 8.7          | 13.1 | 80.0           | 37.0 |
| Langkloof - Oos | 2.7          | 2.7  | 33.5         | 33.0 | 11.9         | 14.9 | 109.0          | 41.0 |
| Elgin           | 2.5          | 5.0  | 30.7         | 35.3 | 12.4         | 15.2 | 113.0          | 52.0 |
| Vyeboom         | 0.1          | 4.4  | 31.5         | 33.6 | 11.9         | 15.5 | 118.0          | 61.0 |
| Langkloof - Wes | -0.8         | -1.7 | 31.0         | 32.1 | 9.7          | 13.0 | 194.0          | 84.0 |

## Monthly GGD/Heat Units - Richardson & Infruitec - Oct 2018 vs 2019

| Area            | OKTOBER    |            | OKTOBER           |                   |
|-----------------|------------|------------|-------------------|-------------------|
|                 | GGD (2018) | GGD (2019) | Heat Units (2018) | Heat Units (2019) |
| Koue Bokkeveld  | 188        | 91         | 4973              | 3100              |
| Elgin           | 255        | 175        | 5812              | 3851              |
| Piketberg       | 258        | 155        | 6231              | 4024              |
| Vyeboom         | 252        | 180        | 5686              | 4079              |
| WBV - Suid      | 277        | 163        | 6328              | 4094              |
| Langkloof - Wes | 151        | 110        | 3141              | 4115              |
| Wolseley        | 298        | 183        | 6787              | 4162              |
| Langkloof - Oos | 216        | 188        | 5084              | 4330              |
| Villiersdorp    | 282        | 192        | 6363              | 4366              |
| Greyton         | 271        | 199        | 5994              | 4444              |
| WBV - Noord     | 281        | 200        | 6786              | 4963              |
| Ermelo          | -          | 246        | -                 | 5709              |
| Vrystaat        | 192        | 252        | 4943              | 6200              |



## Monthly GGD/Heat Units - Richardson & Infruitec - Sep 2018 vs 2019

| Area            | SEPTEMBER  |            | SEPTEMBER         |                   |
|-----------------|------------|------------|-------------------|-------------------|
|                 | GGD (2018) | GGD (2019) | Heat Units (2018) | Heat Units (2019) |
| Langkloof - Wes | 4          | 102        | 1595              | 3114              |
| Koue Bokkeveld  | -33        | 96         | 1145              | 3151              |
| Ermelo          | -          | 130        | -                 | 3802              |
| Langkloof - Oos | 73         | 169        | 2225              | 3869              |
| Elgin           | 85         | 186        | 2172              | 4050              |
| Vrystaat        | 148        | 148        | 3973              | 4079              |
| Piketberg       | 29         | 167        | 1692              | 4175              |
| Vyeboom         | 69         | 176        | 2073              | 4175              |
| WBV - Suid      | 45         | 181        | 1900              | 4275              |
| WBV - Noord     | 48         | 178        | 2067              | 4344              |
| Greyton         | 88         | 184        | 2604              | 4345              |
| Wolseley        | 92         | 202        | 2489              | 4578              |
| Villiersdorp    | 84         | 195        | 2482              | 4580              |

# Monthly GGD/Heat Units - Richardson & Infruitec - Sep - Oct 2018 vs Sep - Oct 2019

| Area            | SEP - OKT  |            | SEP - OKT         |                   |
|-----------------|------------|------------|-------------------|-------------------|
|                 | GGD (2018) | GGD (2019) | Heat Units (2018) | Heat Units (2019) |
| Koue Bokkeveld  | 155        | 187        | 6118              | 6251              |
| Langkloof - Wes | 155        | 212        | 4736              | 7229              |
| Elgin           | 340        | 361        | 7984              | 7901              |
| Langkloof - Oos | 289        | 357        | 7309              | 8199              |
| Piketberg       | 287        | 322        | 7923              | 8199              |
| Vyeboom         | 321        | 356        | 7759              | 8254              |
| WBV - Suid      | 322        | 344        | 8228              | 8369              |
| Wolseley        | 390        | 385        | 9276              | 8740              |
| Greyton         | 359        | 383        | 8598              | 8789              |
| Villiersdorp    | 366        | 387        | 8845              | 8946              |
| WBV - Noord     | 329        | 378        | 8853              | 9307              |
| Ermelo          | -          | 376        | -                 | 9511              |
| Vrystaat        | 340        | 400        | 8916              | 10279             |