

And the heatwave continued!

The South African Weather Service defines a heat wave to exist when for 3 consecutive days the maximum temperature is 5 degrees higher than the mean maximum for the hottest month.

The heat wave conditions that started on Saturday 7 November 2015 continued over the larger part of the northern provinces of South Africa. Quite a number of new highest maximum and minimum temperatures were reported.

Mon 9 Nov 2015	- 16 highest Max temp records
Tue 10 Nov 2015	- 15 highest Max temp records
Wed 11 Nov 2015	- 31 highest Max temp records and 2 highest Min temp records
Thu 12 Nov 2015	- 12 highest Max temp records and 14 highest Min temp records

Following is a list, in chronological order, of all places where the maximum temperature over the 4-day period 9 to 12 November exceeded the respective previous highest maximum temperature record for November at least 3 times.

Parameter	Old	Old Date	New	New Date	No of years	Station
Highest Maximum	30.1	2011-11-10	30.9	2015-11-09	11	BELFAST
Highest Maximum	30.1	2011-11-10	31.2	2015-11-10	11	BELFAST
Highest Maximum	30.1	2011-11-10	31.8	2015-11-11	11	BELFAST
Highest Maximum	30.1	2011-11-10	31.3	2015-11-12	11	BELFAST
Highest Maximum	34.1	2005-11-03	34.6	2015-11-09	26	BETHAL
Highest Maximum	34.1	2005-11-03	35.0	2015-11-10	26	BETHAL
Highest Maximum	34.1	2005-11-03	35.0	2015-11-11	26	BETHAL
Highest Maximum	35.2	2005-11-03	36.0	2015-11-09	40	IRENE WO
Highest Maximum	35.2	2005-11-03	36.6	2015-11-10	40	IRENE WO
Highest Maximum	35.2	2005-11-03	37.0	2015-11-11	40	IRENE WO
Highest Maximum	35.2	2005-11-03	36.3	2015-11-12	40	IRENE WO
Highest Maximum	33.8	2005-11-03	35.6	2015-11-09	30	JHB BOT TUINE
Highest Maximum	33.8	2005-11-03	36.0	2015-11-10	30	JHB BOT TUINE
Highest Maximum	33.8	2005-11-03	36.5	2015-11-11	30	JHB BOT TUINE
Highest Maximum	41.8	2002-11-17	42.4	2015-11-10	33	LEPHALALE
Highest Maximum	41.8	2002-11-17	42.4	2015-11-11	33	LEPHALALE
Highest Maximum	41.8	2002-11-17	42.8	2015-11-12	33	LEPHALALE

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Highest Maximum	40.9	2010-11-13	41.4	2015-11-09	10	MADIKWE GAME RESERVE
Highest Maximum	40.9	2010-11-13	42.2	2015-11-10	10	MADIKWE GAME RESERVE
Highest Maximum	40.9	2010-11-13	42.1	2015-11-11	10	MADIKWE GAME RESERVE
Highest Maximum	40.9	2010-11-13	41.5	2015-11-12	10	MADIKWE GAME RESERVE
Highest Maximum	39.1	2005-11-03	39.2	2015-11-09	21	PRETORIA UNISA
Highest Maximum	39.1	2005-11-03	39.8	2015-11-10	21	PRETORIA UNISA
Highest Maximum	39.1	2005-11-03	40.3	2015-11-11	21	PRETORIA UNISA
Highest Maximum	39.1	2005-11-03	40.0	2015-11-12	21	PRETORIA UNISA
Highest Maximum	37.3	1998-11-15	38.2	2015-11-09	23	RUSTENBURG
Highest Maximum	37.3	1998-11-15	39.5	2015-11-10	23	RUSTENBURG
Highest Maximum	37.3	1998-11-15	39.0	2015-11-11	23	RUSTENBURG
Highest Maximum	37.3	1998-11-15	38.1	2015-11-12	23	RUSTENBURG
Highest Maximum	40.1	2010-11-13	41.9	2015-11-09	55	WARMBAD TOWOOMBA
Highest Maximum	40.1	2010-11-13	42.1	2015-11-10	55	WARMBAD TOWOOMBA
Highest Maximum	40.1	2010-11-13	42.4	2015-11-11	55	WARMBAD TOWOOMBA
Highest Maximum	40.1	2010-11-13	41.9	2015-11-12	55	WARMBAD TOWOOMBA
Highest Maximum	37.2	2010-11-13	38.6	2015-11-10	7	WONDERBOOM AIRPORT
Highest Maximum	37.2	2010-11-13	38.7	2015-11-11	7	WONDERBOOM AIRPORT
Highest Maximum	37.2	2010-11-13	38.0	2015-11-12	7	WONDERBOOM AIRPORT

All these new temperature records are considered to be preliminary until a full verification process has been performed on the data.

The following list of stations have recorded their highest maximum temperature ever during this period:

Station	Highest Max temp ever	Date of occurrence
MADIKWE GAME RESERVE	42.2	10 November 2015
BRONKHORSTSPRUIT AWS	36.8	11 November 2015
ERMELO WO	34.6	11 November 2015
ESTCOURT	39.6	11 November 2015
FRANKFORT - TNK	36.9	11 November 2015
IRENE WO	37.0	11 November 2015
JHB BOT TUINE	36.5	11 November 2015
LADYSMITH	40.7	11 November 2015
MOOI RIVER	37.6	11 November 2015
NEWCASTLE	39.1	11 November 2015

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OUDESTAD	40.8	11 November 2015
PRETORIA UNISA	40.3	11 November 2015
ROYAL NATIONAL PARK	37.0	11 November 2015
VAN REENEN	34.2	11 November 2015
VREDE	35.5	11 November 2015
WARMBAD TOWOOMBA	42.4	11 November 2015
WONDERBOOM AIRPORT	38.7	11 November 2015

Advice during heat wave conditions:

- Stay indoors in a well-ventilated or air-conditioned room;
- If working outside, wear protective clothing and take breaks at regular intervals;
- Avoid playing excessive sports or doing hard labour;
- Dress in light-weight clothes;
- Drink plenty liquids (not alcohol);
- Outside playtime for children must be limited or prohibited between 09:00 and 16:00;
- Take extra care of the old and infirm.

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Date: 13 November 2015