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## Temperature and Rainfall report for NOV 2023 vs 2022

November																		
Area	Average Temp			MAX Temp			MIN Temp			Avg Daily MAX			Avg Daily MIN			Total Rain		
	2022	2023	23 vs '22	2022	2023	23 vs '22	2022	2023	23 vs '22	2022	2023	23 vs '22	2022	2023	23 vs '22	2022	2023	23 vs '22
Avontuur	15.5	16.6	↑ 1.1	34.3	35.0	↑ 0.7	1.5	1.8	↑ 0.3	22.9	24.5	↑ 1.6	8.6	8.8	↑ 0.3	5	2	↓ -4
Elgin	16.9	17.9	↑ 0.9	32.0	33.8	↑ 1.8	6.2	6.0	↓ -0.2	22.7	24.6	↑ 1.9	10.9	11.5	↑ 0.7	21	26	↑ 5
Ermelo	17.1	18.3	↑ 1.2	31.3	31.1	↓ -0.3	8.5	6.9	↓ -1.6	24.3	25.6	↑ 1.2	12.0	12.2	↑ 0.1	153	34	↓ -118
Franschhoek	20.1	21.0	↑ 0.9	35.5	38.2	↑ 2.7	10.7	10.3	↓ -0.4	26.8	28.1	↑ 1.3	14.6	14.8	↑ 0.2	13	24	↑ 11
Greyton <sup>1</sup>	19.4	20.3	↑ 0.8	37.8	39.2	↑ 1.4	9.4	8.7	↓ -0.7	27.4	29.6	↑ 2.2	13.1	13.0	↓ -0.1	31	4	↓ -27
Joubertina	17.5	18.5	↑ 1.1	37.0	37.3	↑ 0.3	4.5	5.3	↑ 0.8	25.2	27.1	↑ 1.9	10.7	10.5	↓ -0.2	13	3	↓ -11
Koue Bokkeveld	16.8	17.9	↑ 1.1	30.6	33.9	↑ 3.3	2.8	4.6	↑ 1.8	23.2	25.2	↑ 2.0	9.5	9.6	↑ 0.1	17	6	↓ -11
Ladismith	20.3	21.4	↑ 1.0	38.8	37.9	↓ -0.9	7.3	7.7	↑ 0.4	28.7	29.7	↑ 1.0	12.3	12.5	↑ 0.3	18	0	↓ -18
Misgund**	15.9	16.8	↑ 1.0	34.8	35.3	↑ 0.5	4.1	4.7	↑ 0.6	22.2	23.9	↑ 1.7	10.1	9.9	↓ -0.2	21	11	↓ -10
Montagu	20.5	21.5	↑ 1.0	38.8	40.0	↑ 1.2	6.1	8.0	↑ 1.9	28.8	30.7	↑ 1.9	12.4	12.6	↑ 0.2	11	1	↓ -11
Nuy	20.4	21.4	↑ 1.0	34.4	38.4	↑ 4.0	9.2	10.4	↑ 1.3	27.8	29.2	↑ 1.4	14.1	14.6	↑ 0.5	1	3	↑ 2
Piketberg	16.5	18.2	↑ 1.7	31.7	34.9	↑ 3.2	7.4	7.8	↑ 0.5	22.9	24.9	↑ 2.0	11.3	12.3	↑ 1.0	18	1	↓ -17
Robertson	20.8	21.5	↑ 0.7	39.5	40.1	↑ 0.6	6.6	7.6	↑ 1.0	29.6	30.7	↑ 1.1	13.0	13.0	↓ -0.1	3	1	↓ -3
Simondium**	19.7	20.4	↑ 0.7	34.4	37.7	↑ 3.3	10.3	9.2	↓ -1.0	26.2	27.5	↑ 1.3	14.1	14.5	↑ 0.4	9	18	↑ 9
Stellenbosch	19.1	19.9	↑ 0.7	34.5	38.1	↑ 3.6	7.1	8.6	↑ 1.5	26.1	27.1	↑ 1.0	12.2	13.6	↑ 1.5	13	12	↓ -1
Tulbagh	19.4	20.1	↑ 0.7	34.1	37.8	↑ 3.7	7.1	7.7	↑ 0.6	27.2	28.6	↑ 1.4	12.2	12.3	↑ 0.1	20	11	↓ -10
Villiersdorp	18.3	19.7	↑ 1.4	36.1	36.5	↑ 0.4	7.7	7.4	↓ -0.3	25.0	27.0	↑ 2.0	12.1	13.4	↑ 1.2	29	13	↓ -16
Vrystaat	15.9	19.0	↑ 3.1	27.2	34.6	↑ 7.5	8.0	2.7	↓ -5.2	23.2	27.5	↑ 4.3	10.7	11.2	↑ 0.5	283	38	↓ -245
Vyeboom	18.1	19.1	↑ 1.0	33.0	35.5	↑ 2.4	9.6	8.5	↓ -1.1	24.8	26.1	↑ 1.4	12.8	13.5	↑ 0.7	21	13	↓ -8
Waterberg	20.6	22.7	↑ 2.1	32.8	35.1	↑ 2.3	11.4	8.7	↓ -2.7	26.7	29.7	↑ 2.9	15.2	16.0	↑ 0.7	111	35	↓ -76
WBV - Noord	19.1	19.5	↑ 0.5	34.0	35.7	↑ 1.7	5.5	6.5	↑ 1.1	26.9	27.8	↑ 0.9	10.7	10.6	↓ -0.1	9	3	↓ -6
WBV - Suid	18.9	20.0	↑ 1.1	35.6	37.0	↑ 1.4	5.1	6.9	↑ 1.7	27.3	29.0	↑ 1.8	10.0	10.9	↑ 0.9	19	3	↓ -16
Wellington	20.2	21.3	↑ 1.1	35.4	38.5	↑ 3.1	11.7	11.8	↑ 0.0	26.7	28.3	↑ 1.6	14.3	15.4	↑ 1.1	16	6	↓ -10
Wolseley**	19.8	20.7	↑ 0.9	34.7	38.0	↑ 3.3	10.8	10.9	↑ 0.1	27.3	28.6	↑ 1.3	13.9	14.0	↑ 0.1	14	7	↓ -7

# Accumulated Heat Units and Growing Degree Days Jul - Nov 2022/23

Area	1 Jul - 30 Nov			1 Jul - 30 Nov		
	GDD (2022)	GDD (2023)	GDD (22 vs 23)	HU (2022)	HU (2023)	HU (22 vs 23)
Avontuur	403	299	↓ -104	13550	13035	↓ -515
Elgin	533	559	↑ 26	15656	15492	↓ -164
Ermelo**	867	753	↓ -114	20693	19994	↓ -699
Franschhoek	975	952	↓ -23	22279	21852	↓ -427
Greyton	792	740	↓ -52	20180	19089	↓ -1091
Joubertina **	723	632	↓ -91	18445	17195	↓ -1250
Koue Bokkeveld	361	303	↓ -58	14545	13759	↓ -786
Ladismith	799	746	↓ -53	18652	22002	↑ 3350
Misgund**	530	471	↓ -59	14303	14001	↓ -302
Montagu	875	789	↓ -86	18976	21396	↑ 2420
Nuy**	961	919	↓ -42	23042	22125	↓ -917
Piketberg	542	578	↑ 36	14748	15888	↑ 1140
Robertson**	965	874	↓ -91	23744	22168	↓ -1576
Simondium**	914	889	↓ -25	21147	20941	↓ -206
Stellenbosch	811	883	↑ 72	19791	21377	↑ 1586
Tulbagh	859	785	↓ -74	19542	19970	↑ 428
Villiersdorp	650	781	↑ 131	18788	19165	↑ 377
Vrystaat	685	625	↓ -60	18075	18963	↑ 888
Vyeboom	792	758	↓ -34	18570	18428	↓ -142
Waterberg	1385	1370	↓ -15	33128	33512	↑ 384
WBV - Noord	655	635	↓ -20	18960	18486	↓ -474
WBV - Suid	620	563	↓ -57	18242	16481	↓ -1761
Wellington	938	999	↑ 61	22817	23267	↑ 450
Wolseley**	982	896	↓ -86	21641	20957	↓ -684

\*\*Different station from 2022's report

## Stations used in this report

Area	Station
Avontuur (Langkloof)	Avontuur
Elgin	Beaulieu
Ermelo	The big apple
Franschhoek	L'Ormarins/La Motte
Greyton	Greymor
Joubertina (Langkloof)	Joubertina
Koue Bokkeveld	Bronaar Alto
Ladismith	Fontein
Misgund (Langkloof)	Nuweplaas
Montagu	Derdeheuwel/ <b>Baden</b>
Nuy	Brugplaas
Piketberg	Heldervue
Robertson	Bemchem Nelsrivier
Simondium	Simonsvlei Landgoed
Stellenbosch	Kanonkop1
Tulbagh	Waveren Berries
Villiersdorp	Villiersdorp
Vrystaat	Ametis
Vyeboom	Riviera
Waterberg	Waterberg berries
WBV - Noord	Lushof/WBV
WBV - Suid	Loxtonia
Wellington	Kalmoesfontein
Wolseley	Romansrivier

## Station replacements

AREA	CURRENT STATION	PREVIOUS STATION	FAULT INFO
Joubertina	Bokmakierie	Joubertina	Station offline
Misgund	Nuweplaas	JGS	Station offline
Simondium	Simonsvlei Landgoed	Babylonstoren	Station offline
Wolseley	Romansrivier	Platvlei	Station offline
Nuy	Oudewagendrift	Brugplaas	Station offline
Ermelo	IGNI	The big apple	Station offline