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## Temperature and Rainfall report for SEP 2023 vs 2022

Area	September																	
	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	11.5	10.4	↓ -1.1	28.3	30.9	↑ 2.6	-0.5	-2.1	↓ -1.6	19.4	17.3	↓ -2.1	4.6	4.1	↓ -0.5	29	126	↑ 98
Elgin	12.5	11.8	↓ -0.7	27.2	27.2	↑ 0.0	1.9	1.4	↓ -0.5	18.8	16.0	↓ -2.8	6.5	7.7	↑ 1.2	46	314	↑ 268
Ermelo	15.1	15.7	↑ 0.5	29.6	32.0	↑ 2.4	-2.5	1.2	↑ 3.7	23.7	25.0	↑ 1.3	7.3	7.1	↓ -0.1	18	27	↑ 9
Franschhoek	14.9	12.9	↓ -2.0	29.4	28.9	↓ -0.5	6.4	3.4	↓ -3.0	20.9	17.6	↓ -3.3	9.6	8.9	↓ -0.7	21	179	↑ 158
Greyton	13.8	12.6	↓ -1.2	30.6	27.5	↓ -3.2	3.0	1.1	↓ -1.9	21.6	19.5	↓ -2.1	7.3	6.3	↓ -0.9	15	107	↑ 92
Joubertina	14.2	13.0	↓ -1.2	29.7	30.7	↑ 1.0	2.6	1.1	↓ -1.5	21.5	19.8	↓ -1.7	8.2	7.0	↓ -1.2	23	134	↑ 111
Koue Bokkeveld	10.9	9.4	↓ -1.5	27.5	23.9	↓ -3.6	-0.8	-1.5	↓ -0.7	18.9	14.5	↓ -4.4	3.5	4.2	↑ 0.7	50	83	↑ 33
Ladismith	14.9	13.2	↓ -1.7	30.6	33.3	↑ 2.7	1.8	-0.7	↓ -2.5	23.5	20.9	↓ -2.6	6.5	5.1	↓ -1.3	7	52	↑ 46
Misgund	12.3	9.9	↓ -2.4	30.1	32.3	↑ 2.3	0.2	-3.8	↓ -4.0	20.3	18.5	↓ -1.8	5.3	2.6	↓ -2.7	40	217	↑ 177
Montagu	14.3	13.1	↓ -1.1	31.8	29.5	↓ -2.3	1.5	-1.3	↓ -2.8	23.3	20.9	↓ -2.3	6.4	5.7	↓ -0.6	11	110	↑ 99
Nuy	14.2	13.0	↓ -1.2	30.7	29.7	↓ -1.0	1.5	-0.8	↓ -2.3	22.8	20.1	↓ -2.7	6.0	6.0	↓ 0.0	13	54	↑ 41
Piketberg	11.9	10.0	↓ -2.0	26.2	25.2	↓ -1.0	4.9	0.9	↓ -4.0	16.7	13.9	↓ -2.8	7.9	6.5	↓ -1.4	29	0	↓ -29
Robertson	14.9	13.8	↓ -1.2	31.5	29.8	↓ -1.7	2.3	0.5	↓ -1.9	23.6	20.7	↓ -2.9	7.6	7.4	↓ -0.1	14	72	↑ 58
Simondium	14.6	13.1	↓ -1.5	28.8	29.0	↑ 0.2	7.3	4.1	↓ -3.2	20.4	17.8	↓ -2.6	9.3	8.9	↓ -0.4	32	179	↑ 148
Stellenbosch	13.5	12.8	↓ -0.6	28.3	28.7	↑ 0.4	4.9	4.6	↓ -0.3	19.6	17.3	↓ -2.3	8.2	8.9	↑ 0.7	33	202	↑ 169
Tulbagh	13.3	12.3	↓ -1.0	29.3	27.6	↓ -1.7	3.3	0.7	↓ -2.6	20.8	18.2	↓ -2.6	6.6	6.9	↑ 0.3	17	128	↑ 111
Villiersdorp	13.7	12.6	↓ -1.1	28.9	26.2	↓ -2.7	4.9	2.1	↓ -2.8	20.1	17.6	↓ -2.5	8.1	8.0	↓ -0.2	49	245	↑ 196
Vrystaat	15.1	14.1	↓ -1.0	30.4	29.5	↓ -0.8	-0.5	-0.8	↓ -0.3	24.8	24.1	↓ -0.7	6.8	5.0	↓ -1.8	1	2	↑ 1
Vyeboom	13.9	12.6	↓ -1.3	29.6	27.5	↓ -2.2	4.5	3.5	↓ -1.0	20.3	17.0	↓ -3.3	8.9	8.5	↓ -0.4	48	204	↑ 157
Waterberg	20.3	21.1	↑ 0.8	33.1	33.0	↓ 0.0	4.2	5.7	↑ 1.6	28.5	29.0	↑ 0.5	12.4	13.7	↑ 1.4	2	0	↓ -2
WBV - Noord	12.3	11.2	↓ -1.1	29.0	26.9	↓ -2.1	1.6	-0.5	↓ -2.1	20.7	17.8	↓ -2.9	4.9	5.2	↑ 0.3	38	144	↑ 106
WBV - Suid	12.1	10.7	↓ -1.4	29.1	26.3	↓ -2.8	0.7	-0.1	↓ -0.8	21.2	16.7	↓ -4.5	4.3	4.9	↑ 0.6	51	172	↑ 121
Wellington	14.3	13.0	↓ -1.3	28.3	27.8	↓ -0.5	-24.5	4.1	↑ 28.7	20.0	17.5	↓ -2.5	6.1	9.2	↑ 3.1	19	84	↑ 65
Wolseley	14.2	17.2	↑ 2.9	30.7	28.0	↓ -2.7	4.1	0.8	↓ -3.3	22.0	21.0	↓ -1.0	7.4	6.6	↓ -0.9	30	90	↑ 60

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

Area	1 Jul - 30 Sep			1 Jul - 30 Sep		
	GDD (2022)	GDD (2023)	GDD (22 vs 23)	HU (2022)	HU (2023)	HU (22 vs 23)
Avontuur	54	1	↓ -53	5457	5490	↑ 33
Elgin	129	132	↑ 3	4260	5479	↑ 1219
Ermelo	177	203	↑ 26	8173	8525	↑ 352
Franschhoek	348	311	↓ -37	8138	7390	↓ -748
Greyton	223	207	↓ -16	7634	6964	↓ -670
Joubertina	346	236	↓ -111	8813	7120	↓ -1693
Koue Bokkeveld	-13	-89	↓ -76	4573	3511	↓ -1062
Ladismith	311	207	↓ -104	9648	8653	↓ -995
Misgund	102	19	↓ -83	6100	5711	↓ -389
Montagu	266	192	↓ -75	8396	7396	↓ -1000
Nuy	231	200	↓ -31	8342	7625	↓ -718
Piketberg	110	107	↓ -4	4829	5525	↑ 696
Robertson*	306	258	↓ -48	7607	7474	↓ -133
Simondium	323	328	↑ 5	7602	7741	↑ 139
Stellenbosch	288	288	↑ 0	7412	7826	↑ 414
Tulbagh	290	209	↓ -81	7002	7275	↑ 273
Villiersdorp	251	251	↑ 0	7319	6726	↓ -593
Vrystaat	197	132	↓ -65	7901	8233	↑ 332
Vyeboom	275	243	↓ -32	7201	7057	↓ -144
Waterberg	648	625	↓ -23	15806	15650	↓ -156
WBV - Noord	141	108	↓ -33	6187	5393	↓ -795
WBV - Suid	109	77	↓ -32	2257	4394	↑ 2137
Wellington	373	333	↓ -40	8419	8018	↓ -401
Wolseley	263	227	↓ -36	7757	6517	↓ -1240

\*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)	JGS
Montagu	Derdeheuwel/Baden
Nuy	Brugplaas
Piketberg	Heldervue
Robertson	Bemchem Nelsrivier
Simondium	Babylonstoren
Stellenbosch	Kanonkop1
Tulbagh	Waveren Berries
Villiersdorp	Villiersdorp
Vrystaat	Ametis
Vyeboom	Riviera
Waterberg	Waterberg berries
WBV - Noord	Lushof/WBV
WBV - Suid	Loxtonia
Wellington	Kalmoesfontein
Wolseley	Platvlei

## Station replacements

AREA	CURRENT STATION	PREVIOUS STATION	FAULT INFO
Franschhoek (rain only)	L'Ormarins	La Motte	Rain gauge blocked
Montagu (rain only)	Baden	Derdeheuvel	Rain gauge blocked
WBV-Noord (rain only)	Warm Bokkeveld	Lushof	Rain gauge blocked
KBV	Bronaar Alto	Weltevrede	Station offline
Robertson	Bemchem Nelsrivier	Goudmyn	Station offline