

Temperature and Rainfall report 1 - 31 August 2024 vs 2023



1 - 31 August																				
Area	Average Temperature			Maximum Temperature			Minimum Temperature			Avg Daily Maximum Temp			Avg Daily Minimum Temp			Total Rainfall				
	2024	2023	24 vs 23	2024	2023	24 vs 23	2024	2023	24 vs 23	2024	2023	24 vs 23	2024	2023	24 vs 23	2024	2023	24 vs 23		
Avontuur	9.5	11.1	1.6 ▲	28.5	27.3	-1.2 ▼	-3.7	-1.9	1.8 ▲	17,9	18,1	-0,2 ▼	1.9	3.7	1.8 ▲	10	15	5 ▲		
Elgin	10.8	11.8	1.0 ▲	27.7	31.6	3.9 ▲	0.1	-0.5	-0.6 ▼	16,6	18,7	-2,1 ▼	5.1	5.9	0.8 ▲	187	96	-91 ▼		
Ermelo	12.5	10.9	-1.6 ▼	27.3	28.3	0.9 ▲	-0.6	-5.3	-4.7 ▼	22,0	20,4	1,6 ▲	3.7	2.6	-1.1 ▼	3	3	0 -		
Franschhoek	12.1	14.0	1.9 ▲	27.2	31.6	4.4 ▲	2.3	4.5	2.2 ▲	17,5	19,9	-2,4 ▼	7.3	9.5	2.2 ▲	219	85	-134 ▼		
Greyton**	11.5	12.2	0.7 ▲	30.2	31.6	1.4 ▲	0	0.0	0.0 -	19,0	20,5	-1,5 ▼	4.9	5.2	0.3 ▲	44	23	-21 ▼		
Joubertina	11.4	12.6	1.2 ▲	29.5	30.3	0.8 ▲	-0.5	1.7	2.2 ▲	20,5	20,9	-0,4 ▼	3.8	5.9	2.1 ▲	7	9	2 ▲		
Koue Bokkeveld	8.3	10.0	1.7 ▲	24.4	25.1	0.7 ▲	-3.6	-1.3	2.3 ▲	15,1	17,5	-2,4 ▼	1.8	3.2	1.4 ▲	149	21	-128 ▼		
Ladismith**	12.4	13.8	1.4 ▲	27.3	31.6	4.3 ▲	-0.2	-1.7	-1.5 ▼	19,1	19,1	0,0 -	6.5	5.7	-0.8 ▼	196	6	-190 ▼		
Misgund	9.2	10.8	1.6 ▲	26.3	29.3	3.0 ▲	-3.8	-2.2	1.6 ▲	18,4	19,5	-1,1 ▼	0.9	2.5	1.6 ▲	10	22	12 ▲		
Montagu	10.7	12.1	1.4 ▲	30.5	32.1	1.6 ▲	-3.6	-0.6	3.0 ▲	20,2	21,5	-1,3 ▼	2.4	4.1	1.7 ▲	29	5	-24 ▼		
Nuy**	10.6	12.4	1.8 ▲	26.4	31.2	4.8 ▲	-4.7	-0.5	4.3 ▲	18,8	20,9	-2,1 ▼	2.3	4.9	2.6 ▲	39	13	-26 ▼		
Piketberg	10	12.3	2.3 ▲	25.9	26.6	0.7 ▲	-0.2	3.9	4.1 ▲	16,4	18,5	-2,1 ▼	4.2	8.7	4.5 ▲	288	73	-215 ▼		
Robertson**	11.2	12.9	1.7 ▲	30.8	33.8	3.0 ▲	-6.8	-0.9	5.9 ▲	20,8	21,9	-1,1 ▼	3.3	5.5	2.2 ▲	33	13	-20 ▼		
Simondium	12.3	14.6	2.3 ▲	27.7	31.5	3.8 ▲	3	4.8	1.8 ▲	17,3	19,7	-2,4 ▼	7.6	10.2	2.6 ▲	184	83	-101 ▼		
Stellenbosch	11.8	14.0	2.2 ▲	26.6	31.0	4.4 ▲	3.1	3.9	0.8 ▲	16,8	19,4	-2,6 ▼	6.7	9.3	2.6 ▲	177	101	-76 ▼		
Tulbagh	11.2	16.0	4.8 ▲	26.7	31.2	4.5 ▲	-0.5	3.3	3.8 ▲	17,9	19,8	-1,9 ▼	5.4	8.5	3.1 ▲	169	83	-86 ▼		
Villiersdorp	12	12.5	0.5 ▲	26.4	31.3	4.9 ▲	1	1.0	0.0 ▲	17,7	19,2	-1,5 ▼	6.5	6.6	0.1 ▲	156	71	-85 ▼		
Vrystaat**	12	13.6	1.6 ▲	25.8	28.9	3.1 ▲	-1.9	2.6	4.5 ▲	21,4	20,0	1,4 ▲	4	8.8	4.8 ▲	2	3	1 ▲		
Vyeboom**	11.7	10.3	-1.4 ▼	26.7	25.1	-1.6 ▼	0.7	-3.5	-4.2 ▼	16,8	19,1	-2,3 ▼	6.5	1.5	-5.0 ▼	172	78	-94 ▼		
Waterberg	17.3	13.4	-3.9 ▼	31.6	31.1	-0.5 ▼	4.9	1.9	-3.0 ▼	26,1	24,0	2,1 ▲	8.9	7.9	-1.0 ▼	0	78	78 ▲		
WBV - Noord	10	11.2	1.2 ▲	26.9	28.2	1.3 ▲	-1.6	0.0	1.6 ▲	17,9	19,3	-1,4 ▼	2.3	4.3	2.0 ▲	86	110	24 ▲		
WBV – Suid**	9.5	10.9	1.4 ▲	25	27.4	2.4 ▲	-1.2	1.0	2.2 ▲	16,1	19,6	-3,5 ▼	3.7	4.8	1.1 ▲	131	166	35 ▲		
Wellington**	11.4	14.5	3.1 ▲	26.5	30.0	3.5 ▲	0.8	6.1	5.3 ▲	17,7	19,8	-2,1 ▼	6	9.7	3.7 ▲	41	63	22 ▲		
Wolseley	11.5	13.1	1.6 ▲	27.5	30.9	3.4 ▲	-0.9	2.2	3.1 ▲	18,3	20,6	-2,3 ▼	4.9	6.9	2.0 ▲	129	94	-35 ▼		

**Different station than 2023's report

Accumulated Richardson cold units to date (31 August 2021 - 2024)



Accumulated Richardson cold units to date (31 August 2021 - 2024)

Area	Start date* 2021	RICH (2021)	Start date* 2022	RICH (2022)	Start date* 2023	RICH (2023)	Start date* 2024	RICH (2024)	RICH (23 vs 24)
Avontuur	04 May 2021	618	29 March 2022	1177	25 March 2023	1403	06 May 2024	967	-436 ▼
Elgin	27 April 2021	875	14 April 2022	844	07 April 2023	953	07 May 2024	884	-69 ▼
Ermelo	15 April 2021	1039	06 April 2022	1190	07 May 2023	860	26 Apr 2024	659	-201 ▼
Franschhoek	22 June 2021	536	13 June 2022	424	15 May 2023	531	30 Jun 2024	520	-11 ▼
Greyton**	15 May 2021	614	18 May 2022	628	10 May 2023	731	30 May 2024	553	-178 ▼
Joubertina	10 May 2021	847	14 April 2022	547	11 May 2023	857	30 May 2024	628	-229 ▼
Koue Bokkeveld	26 April 2021	1270	29 March 2022	1234	07 April 2023	1595	03 May 2024	1315	-280 ▼
Ladismith**	15 May 2021	591	23 April 2022	754	27 April 2023	748	30 May 2024	632	-116 ▼
Misgund	26 April 2021	825	04 April 2022	1033	25 March 2023	1215	06 May 2024	905	-310 ▼
Montagu	15 May 2021	667	19 May 2022	555	07 May 2023	742	25 May 2024	608	-134 ▼
Nuy**	15 May 2021	500	26 May 2022	506	27 April 2023	583	30 May 2024	677	94 ▲
Piketberg	14 May 2021	1063	05 May 2022	881	07 April 2023	1307	03 May 2024	1065	-242 ▼
Robertson**	15 May 2021	524	26 May 2022	487	11 May 2023	567	21 May 2024	663	96 ▲
Simondium	15 May 2021	651	12 June 2022	445	15 May 2023	397	30 Jun 2024	503	106 ▲
Stellenbosch	22 June 2021	561	02 July 2022	397	14 May 2023	478	30 Jun 2024	537	59 ▲
Tulbagh	22 June 2021	642	13 June 2022	542	28 April 2023	779	25 May 2024	645	-134 ▼
Villiersdorp	15 May 2021	622	18 May 2022	493	10 May 2023	644	29 May 2024	532	-112 ▼
Vrystaat**	15 April 2021	1132	05 April 2022	1233	09 April 2023	998	11 May 2024	784	-214 ▼
Vyeboom**	15 May 2021	552	18 May 2022	608	10 May 2023	599	30 May 2024	668	69 ▲
Waterberg	30 May 2021	175	31 May 2022	104	10 June 2023	197	03 Jun 2024	0	-197 ▼
WBV - Noord	06 May 2021	962	22 April 2022	898	19 April 2023	1122	04 May 2024	984	-138 ▼
WBV – Suid**	27 April 2021	1166	14 April 2022	1107	08 April 2023	1133	04 May 2024	1189	56 ▲
Wellington**	22 June 2021	424	13 June 2022	201	24 May 2023	377	30 May 2024	606	229 ▲
Wolseley	08 May 2021	656	18 May 2022	639	30 April 2023	775	29 May 2024	640	-135 ▼

*chill units should be counted from the lowermost inflection point, i.e. the lowermost or most negative turning point, of the annual accumulated chill unit curve.

**Different station than 2023's report

Accumulated Infruited cold units to date (31 August 2021 - 2024)



Accumulated Infruited cold units to date (31 August 2021 - 2024)

Area	Start date* 2021	INF (2021)	Start date* 2022	INF (2022)	Start date* 2023	INF (2023)	Start date* 2024	INF (2024)	INF (23 vs 24)
Avontuur	04 May 2021	805	29 March 2022	1366	25 March 2023	1514	06 May 2024	1042	-472 ▼
Elgin	27 April 2021	960	14 April 2022	957	07 April 2023	1038	07 May 2024	922	-116 ▼
Ermelo	15 April 2021	1076	06 April 2022	1230	07 May 2023	887	26 Apr 2024	696	-191 ▼
Franschhoek	22 June 2021	558	13 June 2022	485	15 May 2023	619	30 Jun 2024	528	-91 ▼
Greyton**	15 May 2021	768	18 May 2022	767	10 May 2023	823	30 May 2024	665	-158 ▼
Joubertina	10 May 2021	898	14 April 2022	774	11 May 2023	892	30 May 2024	694	-198 ▼
Koue Bokkeveld	26 April 2021	1321	29 March 2022	1345	07 April 2023	1681	03 May 2024	1351	-330 ▼
Ladismith**	15 May 2021	842	23 April 2022	872	27 April 2023	846	30 May 2024	795	-51 ▼
Misgund	26 April 2021	978	04 April 2022	1171	25 March 2023	1333	06 May 2024	969	-364 ▼
Montagu	15 May 2021	756	19 May 2022	638	07 May 2023	787	25 May 2024	653	-134 ▼
Nuy**	15 May 2021	643	26 May 2022	576	27 April 2023	677	30 May 2024	709	32 ▲
Piketberg	14 May 2021	1262	05 May 2022	1237	07 April 2023	1528	03 May 2024	1119	-409 ▼
Robertson**	15 May 2021	651	05 May 2022	556	11 May 2023	653	21 May 2024	732	79 ▲
Simondium	15 May 2021	778	12 June 2022	541	15 May 2023	568	30 Jun 2024	522	-46 ▼
Stellenbosch	22 June 2021	606	02 July 2022	449	14 May 2023	636	30 Jun 2024	560	-76 ▼
Tulbagh	22 June 2021	685	13 June 2022	645	28 April 2023	819	25 May 2024	705	-114 ▼
Villiersdorp	15 May 2021	827	18 May 2022	748	10 May 2023	792	29 May 2024	659	-133 ▼
Vrystaat**	15 April 2021	1146	05 April 2022	1238	09 April 2023	1034	11 May 2024	800	-234 ▼
Vyeboom**	15 May 2021	658	18 May 2022	747	10 May 2023	711	30 May 2024	703	-8 ▼
Waterberg	30 May 2021	302	31 May 2022	194	10 June 2023	255	03 Jun 2024	120	-135 ▼
WBV - Noord	06 May 2021	1034	22 April 2022	968	19 April 2023	1168	04 May 2024	1015	-153 ▼
WBV – Suid**	27 April 2021	1193	14 April 2022	1132	08 April 2023	1156	04 May 2024	1200	44 ▲
Wellington**	22 June 2021	510	13 June 2022	341	24 May 2023	549	30 May 2024	648	99 ▲
Wolseley	08 May 2021	656	18 May 2022	749	30 April 2023	819	29 May 2024	685	-134 ▼

*chill units should be counted from the lowermost inflection point, i.e. the lowermost or most negative turning point, of the annual accumulated chill unit curve.

**Different station than 2023's report

Accumulated chill portions to date (31 August 2021 - 2024)



Accumulated chill portions to date (31 August 2021 - 2024)

Area	Start date* 2021	CP ¹ (2021)	Start date* 2022	CP ¹ (2022)	Start date* 2023	CP ¹ (2023)	Start date* 2024	CP ¹ (2024)	CP ¹ (23 vs 24)
Avontuur	22 March 2021	46	14 March 2022	75	26 March 2023	80	14 Mar 2024	62	-18 ▼
Elgin	29 April 2021	59	06 April 2022	61	08 April 2023	64	09 May 2024	50	-14 ▼
Ermelo	21 April 2021	60	05 April 2022	69	28 March 2023	59	07 Apr 2024	44	-15 ▼
Franschhoek	17 May 2021	42	07 April 2022	36	12 May 2023	43	02 Jun 2024	37	-6 ▼
Greyton**	30 April 2021	44	16 April 2022	48	09 April 2023	49	31 May 2024	38	-11 ▼
Joubertina	20 April 2021	51	15 March 2022	44	10 April 2023	51	25 May 2024	37	-14 ▼
Koue Bokkeveld	30 April 2021	68	05 April 2022	73	12 March 2023	86	07 Apr 2024	68	-18 ▼
Ladismith**	30 April 2021	51	08 April 2022	52	09 April 2023	52	07 Apr 2024	51	-1 ▼
Misgund	09 March 2021	62	14 March 2022	68	27 March 2023	72	06 Mar 2024	58	-14 ▼
Montagu	30 April 2021	44	16 April 2022	39	22 April 2023	45	27 May 2024	41	-4 ▼
Nuy**	17 May 2021	39	16 April 2022	43	09 April 2023	41	12 May 2024	40	-1 ▼
Piketberg	29 April 2021	61	05 April 2022	64	30 March 2023	76	10 May 2024	51	-25 ▼
Robertson**	08 April 2021	38	20 April 2022	39	09 April 2023	47	24 Mar 2024	59	12 ▲
Simondium	17 May 2021	46	07 April 2022	42	22 April 2023	39	31 May 2024	36	-3 ▼
Stellenbosch	30 April 2021	47	25 April 2022	43	18 May 2023	41	11 May 2024	40	-1 ▼
Tulbagh	30 April 2021	48	07 April 2022	48	21 April 2023	49	31 May 2024	42	-7 ▼
Villiersdorp	29 April 2021	49	07 April 2022	50	31 March 2023	53	09 May 2024	42	-11 ▼
Vrystaat**	22 April 2021	62	05 April 2022	71	12 April 2023	58	07 Apr 2024	46	-12 ▼
Vyeboom**	30 April 2021	48	07 April 2022	52	08 April 2023	52	09 May 2024	44	-8 ▼
Waterberg	19 May 2021	18	04 June 2022	14	17 May 2023	15	04 Jun 2024	6	-9 ▼
WBV - Noord	08 May 2021	54	25 April 2022	53	21 April 2023	63	11 May 2024	50	-13 ▼
WBV – Suid**	08 May 2021	63	06 April 2022	60	21 April 2023	55	09 May 2024	54	-1 ▼
Wellington**	22 May 2021	35	20 May 2022	28	22 April 2023	38	11 May 2024	40	2 ▲
Wolseley	18 May 2021	43	25 April 2022	46	22 April 2023	51	11 May 2024	41	-10 ▼

CP¹ = Chill portions according to the dynamic model (Fishman *et al.*, 1987)

**Different station than 2023's report

Accumulated Heat Units and Growing Degree Days until 31 August 2023 - 2024

iLeaf		1 July - 31 August				
Area	GDD (2023)	GDD (2024)	GDD (23 vs 24)	HU (2023)	HU (2024)	HU (23 vs 24)
Avontuur	-20	-78	-58 ▼	3705	2641	-1064 ▼
Elgin	77	35	-42 ▼	3717	2944	-773 ▼
Ermelo	16	82	66 ▲	3904	5125	1221 ▲
Franschhoek	213	119	-94 ▼	4946	3528	-1418 ▼
Greyton**	119	102	-17 ▼	3979	3991	12 ▲
Joubertina	133	84	-49 ▼	4414	4079	-335 ▼
Koue Bokkeveld	-44	-146	-102 ▼	3747	1510	-2237 ▼
Ladismith**	115	105	-10 ▼	5522	3809	-1713 ▼
Misgund	-2	-77	-75 ▼	3832	2782	-1050 ▼
Montagu	92	56	-36 ▼	3713	3932	219 ▲
Nuy**	109	18	-91 ▼	4575	3549	-1026 ▼
Piketberg	100	-23	-123 ▼	4406	2221	-2185 ▼
Robertson**	137	32	-105 ▼	4202	3681	-521 ▼
Simondium	231	125	-106 ▼	5221	3681	-1540 ▼
Stellenbosch	196	93	-103 ▼	5457	3472	-1985 ▼
Tulbagh	131	91	-40 ▼	4887	3706	-1181 ▼
Villiersdorp	167	101	-66 ▼	4387	3799	-588 ▼
Vrystaat**	-6	71	77 ▲	4396	4409	13 ▲
Vyeboom**	160	85	-75 ▼	4833	3622	-1211 ▼
Waterberg	285	386	101 ▲	7607	9868	2261 ▲
WBV - Noord	62	-22	-84 ▼	3467	2680	-787 ▼
WBV – Suid**	38	-36	-74 ▼	2798	2026	-772 ▼
Wellington**	221	105	-116 ▼	5583	3321	-2262 ▼
Wolseley	152	61	-91 ▼	4456	3323	-1133 ▼

**Different station than 2023's report

Area	Station
Avontuur (Langkloof)	Avontuur
Elgin	Beaulieu
Ermelo	The Big Apple
Franschhoek	La Motte
Greyton	Greyton
Joubertina (Langkloof)	Joubertina
Koue Bokkeveld	Weltevrede
Ladismith	R2C Ladismith
Misgund (Langkloof)	JGS
Montagu	Derdeheuvel/ Baden
Nuy	La Motte Rivier
Piketberg	Moutonsvalley
Robertson	Van Loveren Riverside
Simondium	Simonsvlei Landgoed
Stellenbosch	Kanonkop1
Tulbagh	Waveren Berries
Villiersdorp	Villiersdorp
Vrystaat	Lettie
Vyeboom	Graymead
Waterberg	Waterberg berries
WBV - Noord	Lushof
WBV - Suid	Edenville cirrus50
Wellington	Olyvenboom
Wolseley	Platvlei

AREA	CURRENT STATION	PREVIOUS STATION	FAULT INFO
Greyton	Greyton	Greymor	Station offline
Ladismith	R2C Ladismith	Fontein Hoeko	Station offline
Nuy	La Motte Rivier	Brugplaas	Station offline
Robertson	Van Loveren Riverside	Bemchem Nelsrivier	Station offline
Tulbagh	Waveren Berries	Murludi	Murludi no rain gauge
Vrystaat	Lettie	Ametis	Station offline
Vyeboom	Graymead	Riviera	Station offline
Wellington	Olyvenboom	Rotsvas	Request for closer station
WBV - Suid	Edenville cirrus50	Dankbaar	Station offline