

Temperature and Rainfall report 1 - 15 August 2024 vs 2023



1 - 15 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	8.8	11.2	-2.4 ▼	21.2	24.3	-3.1 ▼	-3.7	-1.9	-1.8 ▼	17.1	18.1	-1.0 ▼	2	4.2	-2.2 ▼	6	2	4 ▲	
Elgin	10.4	11.4	-1.0 ▼	21.9	27.4	-5.5 ▼	0.1	-0.5	0.6 ▲	15.3	19.4	-4.1 ▼	5.5	4.5	1.0 ▲	95	5	90 ▲	
Ermelo	12.7	9.2	3.5 ▲	26.7	26.0	0.7 ▲	-0.6	-5.3	4.7 ▲	22.4	18.7	3.7 ▲	4	0.5	3.5 ▲	1	2	-1 ▼	
Franschhoek	11.3	14.0	-2.7 ▼	23.1	28.7	-5.6 ▼	2.3	4.5	-2.2 ▼	16.5	21.2	-4.7 ▼	6.8	8.8	-2.0 ▼	124	0	124 ▲	
Greyton**	11.1	11.8	-0.7 ▼	22.8	29.2	-6.4 ▼	0	0.4	-0.4 ▼	17.9	20.3	-2.4 ▼	5.6	4.9	0.7 ▲	30	5	25 ▲	
Joubertina	10.9	12.5	-1.6 ▼	25.7	26.9	-1.2 ▼	-0.1	1.7	-1.8 ▼	19.8	21.0	-1.2 ▼	3.9	6.0	-2.1 ▼	2	1	1 ▲	
Koue Bokkeveld	7.8	10.2	-2.4 ▼	21.6	25.1	-3.5 ▼	-1.9	-1.3	-0.6 ▼	14.5	19.1	-4.6 ▼	1.7	2.4	-0.7 ▼	81	1	80 ▲	
Ladismith**	11.6	13.7	-2.1 ▼	23.9	27.1	-3.2 ▼	1.1	-0.7	1.8 ▲	18	21.1	-3.1 ▼	6.3	6.2	0.1 ▲	181	1	180 ▲	
Misgund	8.9	10.9	-2.0 ▼	21.4	25.7	-4.3 ▼	-3.8	-2.1	-1.7 ▼	17.8	19.4	-1.6 ▼	1.1	3.1	-2.0 ▼	5	5	1 ▲	
Montagu	10	11.5	-1.5 ▼	25.9	28.3	-2.4 ▼	-3.2	-0.6	-2.6 ▼	19.1	21.7	-2.6 ▼	2.5	3.6	-1.1 ▼	21	0	21 ▲	
Nuy**	9.8	11.6	-1.8 ▼	23.1	29.2	-6.1 ▼	-2.2	-0.5	-1.8 ▼	17.7	22.2	-4.5 ▼	2.1	3.4	-1.3 ▼	15	0	15 ▲	
Piketberg	9.1	13.3	-4.2 ▼	23.7	26.3	-2.6 ▼	0	4.5	-4.5 ▼	15.3	17.5	-2.2 ▼	3.7	9.2	-5.5 ▼	154	0	154 ▲	
Robertson**	10.3	12.1	-1.8 ▼	25	30.7	-5.7 ▼	-6.8	-0.9	-5.9 ▼	19.7	22.3	-2.6 ▼	2.6	4.2	-1.6 ▼	27	1	26 ▲	
Simondium	11.2	14.7	-3.5 ▼	23.1	28.4	-5.3 ▼	3	4.8	-1.8 ▼	16	20.8	-4.8 ▼	7	9.7	-2.7 ▼	104	1	103 ▲	
Stellenbosch	11.2	14.3	-3.1 ▼	22.2	28.2	-6.0 ▼	3.1	3.9	-0.8 ▼	15.6	20.4	-4.8 ▼	6.5	8.9	-2.4 ▼	113	3	110 ▲	
Tulbagh	10.6	12.1	-1.5 ▼	23	28.6	-5.6 ▼	0.8	1.0	-0.2 ▼	16.9	20.7	-3.8 ▼	5.6	5.5	0.1 ▲	78	2	76 ▲	
Villiersdorp	11.1	13.5	-2.4 ▼	23.1	27.4	-4.3 ▼	1	2.7	-1.7 ▼	17.1	19.7	-2.6 ▼	6	8.0	-2.0 ▼	102	1	101 ▲	
Vrystaat**	11.1	9.1	2.0 ▲	24.7	23.1	1.6 ▲	-1.9	-3.5	1.6 ▲	20.3	19.6	0.7 ▲	3.2	0.5	2.7 ▲	2	0	2 ▲	
Vyeboom**	11.4	13.4	-2.0 ▼	24.1	28.5	-4.4 ▼	0.7	1.9	-1.2 ▼	15.8	20.6	-4.8 ▼	6.6	6.9	-0.3 ▼	105	2	220 ▲	
Waterberg	16.8	14.1	2.7 ▲	30.4	29.0	1.4 ▲	5.3	3.3	2.0 ▲	25.9	21.8	4.1 ▲	8.6	7.2	1.4 ▲	0	0	0 -	
WBV - Noord	9.5	10.8	-1.3 ▼	23.1	26.2	-3.1 ▼	-0.5	0.2	-0.7 ▼	16.7	20.4	-3.7 ▼	2.2	3.8	-1.6 ▼	61	1	60 ▲	
WBV – Suid**	9	10.9	-1.9 ▼	22.4	26.8	-3.1 ▼	0.8	-0.6	-0.2 ▼	15.3	21.0	-4.0 ▼	3.9	2.8	-0.1 ▼	85	2	76 ▲	
Wellington**	10.8	14.9	-4.1 ▼	21.7	27.6	-6.2 ▼	0.8	1.4	-5.9 ▼	16.5	20.6	-3.7 ▼	6.1	6.7	-4.2 ▼	41	6	40 ▲	
Wolseley	11	13.0	-2.0 ▼	25.4	29.7	-4.3 ▼	0.0	2.2	-2.2 ▼	17.4	21.6	-4.2 ▼	4.9	6.0	-1.1 ▼	69	0	69 ▲	

**Different station than 2023's report

Accumulated Richardson cold units to date (15 August 2021 - 2024)



Accumulated Richardson cold units to date (15 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	1312	06 May 2024	878	-434 ▼
Elgin	27 April 2021	730	14 April 2022	697	07 April 2023	844	07 May 2024	776	-68 ▼
Ermelo	15 April 2021	978	06 April 2022	1103	07 May 2023	805	26 Apr 2024	576	-229 ▼
Franschhoek	22 June 2021	407	13 June 2022	328	15 May 2023	479	30 Jun 2024	442	-37 ▼
Greyton**	15 May 2021	488	18 May 2022	528	10 May 2023	662	30 May 2024	467	-195 ▼
Joubertina	10 May 2021	847	14 April 2022	547	11 May 2023	793	30 May 2024	537	-256 ▼
Koue Bokkeveld	26 April 2021	1054	29 March 2022	1058	07 April 2023	1398	03 May 2024	1142	-256 ▼
Ladismith**	15 May 2021	451	23 April 2022	625	27 April 2023	748	30 May 2024	587	-161 ▼
Misgund	26 April 2021	825	04 April 2022	1033	25 March 2023	1132	06 May 2024	811	-321 ▼
Montagu	15 May 2021	542	19 May 2022	466	07 May 2023	678	25 May 2024	546	-132 ▼
Nuy**	15 May 2021	407	26 May 2022	439	27 April 2023	545	30 May 2024	597	53 ▲
Piketberg	14 May 2021	881	05 May 2022	663	07 April 2023	1070	03 May 2024	906	-164 ▼
Robertson**	15 May 2021	546	26 May 2022	572	11 May 2023	542	21 May 2024	582	40 ▲
Simondium	15 May 2021	502	12 June 2022	345	15 May 2023	357	30 Jun 2024	433	76 ▲
Stellenbosch	22 June 2021	426	02 July 2022	298	14 May 2023	417	30 Jun 2024	447	30 ▲
Tulbagh	22 June 2021	469	13 June 2022	430	28 April 2023	707	25 May 2024	539	-168 ▼
Villiersdorp	15 May 2021	472	18 May 2022	400	10 May 2023	570	29 May 2024	470	-100 ▼
Vrystaat**	15 April 2021	1002	05 April 2022	1146	09 April 2023	926	11 May 2024	714	-212 ▼
Vyeboom**	15 May 2021	554	18 May 2022	500	10 May 2023	513	30 May 2024	566	54 ▲
Waterberg	30 May 2021	142	31 May 2022	19	10 June 2023	197	03 Jun 2024	0	-197 ▼
WBV - Noord	06 May 2021	778	22 April 2022	762	19 April 2023	987	04 May 2024	862	-125 ▼
WBV – Suid**	27 April 2021	977	14 April 2022	949	08 April 2023	1133	04 May 2024	1032	-101 ▼
Wellington**	22 June 2021	294	13 June 2022	85	24 May 2023	353	30 May 2024	505	152 ▲
Wolseley	08 May 2021	526	18 May 2022	528	30 April 2023	681	29 May 2024	543	-138 ▼

*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.

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Accumulated Infruited cold units to date (15 August 2021 - 2024)



Accumulated Infruited cold units to date (15 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	1422	06 May 2024	936	-486 ▼
Elgin	27 April 2021	815	14 April 2022	809	07 April 2023	919	07 May 2024	810	-109 ▼
Ermelo	15 April 2021	994	06 April 2022	1126	07 May 2023	819	26 Apr 2024	602	-217 ▼
Franschhoek	22 June 2021	426	13 June 2022	382	15 May 2023	541	30 Jun 2024	446	-95 ▼
Greyton**	15 May 2021	641	18 May 2022	661	10 May 2023	735	30 May 2024	565	-170 ▼
Joubertina	10 May 2021	898	14 April 2022	774	11 May 2023	828	30 May 2024	593	-235 ▼
Koue Bokkeveld	26 April 2021	1105	29 March 2022	1149	07 April 2023	1433	03 May 2024	1176	-257 ▼
Ladismith**	15 May 2021	687	23 April 2022	719	27 April 2023	843	30 May 2024	717	-126 ▼
Misgund	26 April 2021	978	04 April 2022	1171	25 March 2023	1250	06 May 2024	863	-387 ▼
Montagu	15 May 2021	630	19 May 2022	541	07 May 2023	720	25 May 2024	585	-135 ▼
Nuy**	15 May 2021	545	26 May 2022	507	27 April 2023	626	30 May 2024	624	-2 ▼
Piketberg	14 May 2021	1079	05 May 2022	1003	07 April 2023	1295	03 May 2024	959	-336 ▼
Robertson**	15 May 2021	636	05 May 2022	640	11 May 2023	613	21 May 2024	649	37 ▲
Simondium	15 May 2021	624	12 June 2022	429	15 May 2023	488	30 Jun 2024	441	-47 ▼
Stellenbosch	22 June 2021	460	02 July 2022	338	14 May 2023	543	30 Jun 2024	456	-87 ▼
Tulbagh	22 June 2021	511	13 June 2022	527	28 April 2023	733	25 May 2024	599	-134 ▼
Villiersdorp	15 May 2021	668	18 May 2022	626	10 May 2023	711	29 May 2024	578	-133 ▼
Vrystaat**	15 April 2021	1011	05 April 2022	1151	09 April 2023	962	11 May 2024	727	-235 ▼
Vyeboom**	15 May 2021	683	18 May 2022	627	10 May 2023	621	30 May 2024	600	-21 ▼
Waterberg	30 May 2021	291	31 May 2022	184	10 June 2023	250	03 Jun 2024	119	-131 ▼
WBV - Noord	06 May 2021	849	22 April 2022	832	19 April 2023	1023	04 May 2024	893	-130 ▼
WBV – Suid**	27 April 2021	1004	14 April 2022	974	08 April 2023	1156	04 May 2024	1043	-113 ▼
Wellington**	22 June 2021	370	13 June 2022	295	24 May 2023	462	30 May 2024	546	85 ▲
Walseley	08 May 2021	630	18 May 2022	603	30 April 2023	721	29 May 2024	589	-132 ▼

*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 (15 August 2021 - 2024)



Accumulated Chill portions to date (15 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	50	14 March 2022	66	26 March 2023	73	14 Mar 2024	56	-17 ▼
Elgin	29 April 2021	49	06 April 2022	52	08 April 2023	57	09 May 2024	44	-13 ▼
Ermelo	21 April 2021	56	05 April 2022	64	28 March 2023	53	07 Apr 2024	40	-13 ▼
Franschhoek	17 May 2021	34	07 April 2022	30	12 May 2023	38	02 Jun 2024	31	-7 ▼
Greyton**	30 April 2021	36	16 April 2022	42	09 April 2023	43	31 May 2024	35	-8 ▼
Joubertina	20 April 2021	43	15 March 2022	39	10 April 2023	46	25 May 2024	34	-12 ▼
Koue Bokkeveld	30 April 2021	57	05 April 2022	62	12 March 2023	74	07 Apr 2024	59	-15 ▼
Ladismith**	Pre-station date	-	08 April 2022	44	09 April 2023	52	07 Apr 2024	45	-7 ▼
Misgund	09 March 2021	54	14 March 2022	59	27 March 2023	67	06 Mar 2024	52	-15 ▼
Montagu	30 April 2021	35	16 April 2022	32	22 April 2023	41	27 May 2024	36	-5 ▼
Nuy**	17 May 2021	33	16 April 2022	37	09 April 2023	37	12 May 2024	35	-2 ▼
Piketberg	29 April 2021	53	05 April 2022	54	30 March 2023	66	10 May 2024	43	-23 ▼
Robertson**	08 April 2021	0	20 April 2022	32	09 April 2023	42	24 Mar 2024	55	13 ▲
Simondium	17 May 2021	37	07 April 2022	34	22 April 2023	34	31 May 2024	30	-4 ▼
Stellenbosch	30 April 2021	39	25 April 2022	36	18 May 2023	35	11 May 2024	34	-1 ▼
Tulbagh	Pre-station date	-	07 April 2022	40	21 April 2023	45	31 May 2024	34	-11 ▼
Villiersdorp	29 April 2021	41	07 April 2022	42	31 March 2023	47	09 May 2024	37	-10 ▼
Vrystaat**	22 April 2021	54	05 April 2022	66	12 April 2023	54	07 Apr 2024	44	-10 ▼
Vyeboom**	30 April 2021	40	07 April 2022	44	08 April 2023	46	09 May 2024	38	-8 ▼
Waterberg	19 May 2021	16	04 June 2022	12	17 May 2023	15	04 Jun 2024	6	-9 ▼
WBV - Noord	08 May 2021	44	25 April 2022	44	21 April 2023	55	11 May 2024	43	-12 ▼
WBV – Suid**	08 May 2021	54	06 April 2022	52	21 April 2023	55	09 May 2024	46	-9 ▼
Wellington**	22 May 2021	26	20 May 2022	21	22 April 2023	33	11 May 2024	34	1 ▲
Wolseley	18 May 2021	34	25 April 2022	40	22 April 2023	45	11 May 2024	36	-9 ▼

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 15 August 2023 - 2024

iLeaf		1 July - 15 August					
Area	GDD (2023)	GDD (2024)	GDD (23 vs 24)		HU (2023)	HU (2024)	HU (23 vs 24)
Avontuur	-30	-84	-54	▼	2399	1466	-933
Elgin	35	15	-20	▼	2537	1854	-683
Ermelo	-36	42	78	▲	2341	3551	1210
Franschhoek	143	69	-74	▼	3353	2218	-1135
Greyton**	66	67	1	▲	2759	2627	-132
Joubertina	81	45	-36	▼	2946	2641	-305
Koue Bokkeveld	-60	-127	-67	▼	1958	787	-1171
Ladismith**	8	51	43	▲	1783	2158	375
Misgund	-13	-76	-63	▼	2524	1687	-837
Montagu	45	28	-17	▼	2726	2470	-256
Nuy**	53	0	-53	▼	3047	2223	-824
Piketberg	77	-40	-117	▼	2896	1280	-1616
Robertson**	71	-13	-84	▼	3104	2213	-891
Simondium	154	57	-97	▼	3858	1885	-1973
Stellenbosch	131	54	-77	▼	3661	2194	-1467
Tulbagh	77	58	-19	▼	2853	2533	-320
Villiersdorp	102	58	-44	▼	3272	2312	-960
Vrystaat**	-41	14	55	▲	2285	2821	536
Vyeboom**	99	53	-46	▼	3345	2395	-950
Waterberg	160	261	102	▲	4604	6814	2210
WBV - Noord	38	-33	-71	▼	2404	1569	-835
WBV – Suid**	20	-41	-61	▼	1937	1188	-749
Wellington**	161	67	-94	▼	3891	2143	-1748

**Different station than 2023's report

Stations used in report

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

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	Dankbaar
Wellington	Olyvenboom
Wolseley	Platvlei