

Tel: 021 8511 044

Unit D45, Olive Grove Industrial Estate

5 Old Paardevlei Rd

Somerset West

7130

Web: [www.hortec.co.za](http://www.hortec.co.za)



## Monthly Growing Degree Days (GDD) & Heat Units 2016 vs 2017

Area	SEP - APR		SEP - APR	
	GGD (2016)	GGD (2017)	Heat Units (2016)	Heat Units (2017)
Elgin	1851	1758	42346	41616
Koue Bokkeveld	1594	1500	43303	41996
Langkloof	1881	1820	44112	42699
Bethlehem	2138	1915	48329	43503
Vyeboom	2104	2061	46635	44824
Bo-Piketberg	1976	1921	47822	47403
Villiersdorp	2317	2328	51868	51217
Stellenbosch	2261	2242	52214	51565
Warm Bokkeveld	2408	2235	56662	53822
Ladimsith	2401	2383	55064	54932
Wolseley	2573	2538	55964	54936
Rustenburg	2879	2489	67338	58065
Robertson	2758	2693	60198	58728
Paarl	2722	2679	59843	59724
Simondium	2657	2653	59859	59828



## Growing Degree Days (GDD) & Heat Units for April 2017

Area	APRIL		APRIL	
	GGD (2016)	GGD (2017)	Heat Units (2016)	Heat Units (2017)
Bethlehem	171	153	3973	3796
Koue Bokkeveld	120	174	3355	4506
Elgin	172	218	4043	4792
Langkloof	207	222	4772	4852
Vyeboom	203	240	4395	5026
Rustenburg	277	224	6548	5101
Bo-Piketberg	174	240	4260	5590
Warm Bokkeveld	215	245	4894	5631
Villiersdorp	234	275	5124	5906
Wolseley	244	306	5291	6312
Ladimsith	229	267	5263	6357
Robertson	268	304	5925	6570
Stellenbosch	233	329	5158	7219
Simondium	268	361	5971	7867
Paarl	272	359	6044	8047



## Growing Degree Days (GDD) & Heat Units for March 2017

Area	MARCH		MARCH	
	GGD (2016)	GGD (2017)	Heat Units (2016)	Heat Units (2017)
Bethlehem	265	252	5902	5526
Elgin	240	267	5627	6018
Koue Bokkeveld	183	242	5060	6318
Vyeboom	272	309	6032	6552
Langkloof	267	301	6002	6674
Bo-Piketberg	234	295	5520	6858
Rustenburg	346	306	8227	7157
Stellenbosch	298	338	6736	7317
Warm Bokkeveld	297	331	7060	7480
Villiersdorp	293	360	6637	7656
Wolseley	326	368	7263	7796
Ladimsith	305	356	6972	7970
Robertson	354	401	7824	8393
Simondium	339	383	7675	8405
Paarl	341	392	7883	8651



# Growing Degree Days (GDD) & Heat Units for February 2017

	HEAT UNITS: FEBRUARY			
	GDD		HEAT UNITS	
Area	2016	2017	2016	2017
Bethlehem	311	251	6664	5392
Elgin	290	284	6568	6377
Rustenburg	408	298	9226	6837
Vyeboom	318	320	6947	6894
Langkloof	306	311	7006	7009
Koue Bokkeveld	280	283	7074	7142
Bo-Piketberg	313	327	7307	7548
Villiersdorp	349	362	7658	7703
Stellenbosch	347	347	7866	7959
Ladimsith	378	370	8341	8239
Wolseley	398	409	8494	8389
Warm Bokkeveld	380	368	8567	8460
Robertson	405	410	8720	8530
Simondium	395	405	8869	8984
Paarl	401	408	9122	9198



# Growing Degree Days (GDD) & Heat Units for January 2017

Area	HEAT UNITS: JANUARY			
	GDD		HEAT UNITS	
	2016	2017	2016	2017
Bo-Piketberg	427	339	10025	7913
Elgin	379	278	8613	6380
Koue Bokkeveld	396	286	9571	7336
Langkloof	363	304	8291	6965
Paarl	527	410	11614	9378
Robertson	481	411	10371	8943
Rustenburg	406	344	9359	7909
Simondium	523	420	11299	9413
Stellenbosch	466	351	10488	8109
Villiersdorp	434	363	9527	7968
Vyeboom	411	324	9083	7166
Warm Bokkeveld	510	390	11121	8951
Bethlehem	340	278	7297	6340
Wolseley	501	409	10382	8860
Ladismith	450	385	9910	8630



## Growing Degree Days (GDD) & Heat Units for December 2016

	HEAT UNITS: DECEMBER			
	GDD		HEAT UNITS	
Area	2015	2016	2015	2016
Elgin	287	282	6879	6664
Koue Bokkeveld	266	248	7233	6795
Bethlehem	383	309	8437	6837
Langkloof	311	316	7176	7289
Paarl	397	381	7176	7289
Bo-Piketberg	311	298	7368	7312
Vyeboom	337	343	7545	7498
Stellenbosch	322	320	7670	7558
Villiersdorp	364	377	8242	8318
Warm Bokkeveld	380	357	9080	8465
Rustenburg	457	374	10486	8627
Wolseley	404	399	8851	8829
Simondium	401	391	9244	8954
Ladismith	404	412	8964	9075
Robertson	445	440	9649	9482



## Growing Degree Days (GDD) & Heat Units for November 2016

	HEAT UNITS: NOVEMBER			
	GDD		HEAT UNITS	
Area	2015	2016	2015	2016
Langkloof	183	191	4266	4513
Elgin	184	209	4403	4789
Koue Bokkeveld	147	184	4384	5343
Vyeboom	222	247	4940	5373
Bethlehem	245	254	5833	5414
Villiersdorp	252	267	5649	6073
Bo-Piketberg	202	244	5065	6098
Stellenbosch	227	261	5523	6215
Ladismith	239	274	5762	6419
Wolseley	272	311	6082	6824
Warm Bokkeveld	243	276	6168	6933
Robertson	304	318	6749	7187
Simondium	284	326	6587	7455
Paarl	298	324	6852	7666
Rustenburg	348	340	8346	7854



## Growing Degree Days (GDD) & Heat Units for October 2016

AREA	HEAT UNITS: OCTOBER			
	GDD		HEAT UNITS	
	2015	2016	2015	2016
Koue Bokkeveld	159	83	4760	3233
Bo-Piketberg	195	136	5191	3862
Langkloof	204	149	4810	3890
Vyeboom	223	183	4931	4054
Stellenbosch	227	189	5276	4523
Elgin	197	149	3649	4553
Villiersdorp	252	201	5682	4784
Wolseley	272	214	6159	5046
Warm Bokkeveld	261	182	6397	5083
Bethlehem	277	209	6496	5099
Ladismith	272	211	6413	5228
Simondium	281	234	6426	5518
Paarl	300	257	6739	5958
Robertson	321	259	6935	5972
Rustenburg	380	341	9029	8297





# Growing Degree Days (GDD) & Heat Units for September 2016

AREA	HEAT UNITS: SEPTEMBER			
	GDD		HEAT UNITS	
	2015	2016	2015	2016
Koue Bokkeveld	43	0	1 866	1 323
Langkloof	40	26	1 789	1 507
Elgin	102	71	2 564	2 043
Bo-Piketberg	120	42	3 086	2 222
Vyeboom	118	95	2 762	2 261
Stellenbosch	141	107	3 497	2 665
Villiersdorp	139	123	3 349	2 809
Warm Bokkeveld	122	86	3 375	2 819
Wolseley	156	122	3 442	2 880
Ladismith	124	108	3 439	3 014
Simondium	166	133	3 788	3 232
Paarl	186	148	4 413	3 537
Robertson	180	150	4 025	3 651
Bethlehem	146	209	3 727	5 099
Rustenburg	257	262	6 117	6 283



# Temperature and Rainfall report for APRIL 2016 vs 2017

	APRIL							
	Minimum Temp		Maximum Temp		Average Temp		Total Rainfall	
Area	2016	2017	2016	2017	2016	2017	2016	2017
Warm Bokkeveld	3.8	1.6	34.6	34.0	16.3	17.4	82.0	10.0
Ladismith	3.8	5.0	35.4	33.0	17.1	18.7	33.0	10.0
Bo-Piketberg	1.9	6.0	31.6	32.2	15.2	17.5	93.0	13.0
Langkloof	4.0	5.5	35.7	33.0	16.4	16.5	16.0	13.0
Wolseley	4.4	3.6	35.0	33.5	17.2	18.8	96.0	17.0
Bethlehem	4.0	2.0	29.0	29.5	15.1	14.6	35.4	19.0
Paarl	8.2	9.3	34.3	34.1	18.4	21.4	62.0	22.0
Robertson	4.9	6.3	37.1	36.1	18.2	19.2	18.0	24.0
Simondium	5.9	9.3	35.2	36.7	18.3	21.2	44.0	28.0
Koue Bokkeveld	1.5	-0.2	28.6	28.8	13.8	15.6	122.0	30.0
Vyeboom	5.9	6.6	32.5	32.7	15.9	16.9	95.0	30.0
Villiersdorp	5.9	6.2	33.6	32.9	17.0	18.2	52.0	31.0
Stellenbosch	6.0	7.3	33.7	34.3	17.1	20.2	69.0	34.0
Elgin	4.8	5.9	30.6	33.0	15.3	16.5	94.0	39.0
Rustenburg	9.4	9.8	29.3	31.0	19.9	18.2	14.0	50.0



# Temperature and Rainfall report for MARCH 2016 vs 2017

	MARCH							
	Minimum Temp		Maximum Temp		Average Temp		Total Rainfall	
Area	2016	2017	2016	2017	2016	2017	2016	2017
Koue Bokkeveld	3.6	2.8	32.8	32.8	16.5	18.2	44.0	0.0
Wolseley	4.6	7.5	37.8	38.5	19.8	20.8	33.0	1.0
Robertson	7.6	7.0	38.9	39.7	20.7	21.8	12.0	3.0
Langkloof	6.7	6.3	39.8	37.6	18.1	19.1	44.0	4.0
Warm Bokkeveld	3.7	3.5	38.4	37.8	19.6	20.4	33.0	4.0
Bo-Piketberg	5.0	4.2	34.4	35.2	17.3	19.2	42.0	5.0
Vyeboom	6.3	6.8	33.9	36.0	18.1	18.9	53.0	5.0
Ladismith	7.6	6.4	37.5	38.3	19.5	21.0	42.0	9.0
Paarl	9.8	11.2	35.6	40.2	20.7	22.0	25.0	11.0
Simondium	8.1	9.1	36.4	41.2	20.4	21.8	31.0	12.0
Bethlehem	4.4	4.9	30.8	30.1	17.8	17.3	37.0	14.0
Stellenbosch	8.8	8.4	33.4	38.3	19.1	20.1	49.0	17.6
Villiersdorp	7.8	8.7	34.1	38.8	19.0	20.6	62.0	18.0
Elgin	5.2	5.7	32.0	35.9	17.5	18.1	102.0	19.0
Rustenburg	13.5	9.1	31.7	30.9	21.5	20.8	135.0	25.0



# Temperature and Rainfall report for FEBRUARY 2016 vs 2017

Area	FEBRUARY							
	Minimum Temp		Maximum Temp		Average Temp		Total Rainfall	
	2016	2017	2016	2017	2016	2017	2016	2017
Paarl	12.5	14.6	36.7	37.5	23.4	24.1	4.0	0.0
Simondium	11.3	12.3	38.2	38.5	23.2	24.0	6.0	0.0
Warm Bokkeveld	7.3	7.4	41.2	39.9	23.2	23.5	5.0	0.0
Wolseley	8.5	9.2	39.1	39.5	22.7	23.1	2.0	0.0
Bo-Piketberg	8.1	9.1	35.1	35.5	20.7	21.4	5.0	1.0
Stellenbosch	9.5	10.6	36.8	35.7	21.6	22.1	15.0	1.0
Koue Bokkeveld	6.1	7.4	35.9	33.5	20.2	20.7	4.0	6.0
Robertson	10.0	10.1	41.8	40.5	23.1	23.3	11.0	7.0
Villiersdorp	10.2	12.1	38.0	35.6	21.2	21.8	19.0	9.0
Vyeboom	9.7	11.0	35.7	33.7	20.1	20.4	1.0	9.0
Langkloof	9.3	8.4	40.4	37.9	20.3	20.6	11.0	11.0
Ladismith	8.1	7.2	41.2	39.6	22.5	22.8	21.0	12.0
Elgin	8.3	10.7	33.7	33.3	19.5	19.5	34.0	20.0
Rustenburg	15.7	14.3	34.6	30.6	23.8	20.5	61.0	149.0
Bethlehem	9.9	10.0	32.5	29.7	19.6	18.0	54.0	153.0



# Temperature and Rainfall report for JANUARY 2016 vs 2017

Area	JANUARY							
	Minimum Temp		Maximum Temp		Average Temp		Total Rainfall	
	2016	2017	2016	2017	2016	2017	2016	2017
Warm Bokkeveld	11.9	8.9	41.3	39.4	26.8	22.8	6.0	1.0
Robertson	14.5	11.3	38.6	42.0	24.6	22.5	24.0	5.0
Simondium	14.5	11.9	40.5	37.4	26.3	23.2	18.0	6.0
Bo-Piketberg	11.0	9.4	36.7	34.5	24.1	20.8	14.0	12.0
Koue Bokkeveld	10.3	6.1	34.8	32.6	23.2	19.9	51.0	14.0
Wolseley	14.8	10.3	40.2	37.3	24.9	22.4	12.0	14.0
Stellenbosch	13.1	10.5	37.7	36.6	24.9	21.1	13.0	17.0
Paarl	15.8	12.9	38.1	35.7	26.6	22.9	33.0	23.0
Langkloof	8.3	8.8	35.7	39.5	21.3	19.5	9.0	31.0
Ladismith	11.1	10.5	38.4	41.6	24.0	22.0	91.0	33.0
Villiersdorp	13.6	10.1	37.1	36.8	23.1	20.9	54.0	43.0
Elgin	12.5	9.1	34.1	31.1	21.7	18.6	24.0	50.0
Vyeboom	14.0	11.1	35.5	33.9	22.4	19.7	20.0	59.0
Bethlehem	12.2	7.4	37.8	31.6	20.0	18.5	94.0	88.0
Rustenburg	16.1	12.0	37.1	30.7	23.8	21.0	137.0	240.0



# Temperature and Rainfall report for DECEMBER 2015 vs 2016

	DECEMBER							
	Minimum Temp		Maximum Temp		Average Temp		Total Rainfall	
Area	2015	2016	2015	2016	2015	2016	2015	2016
Vyeboom	9.6	11.1	38.4	34.2	20.2	20.1	7	1
Koue Bokkeveld	4.6	4.9	35.9	32.7	19.7	19.0	4	2
Ladismith	8.1	10.4	40.2	39.4	22.5	22.9	9	2
Langkloof	10.2	6.3	37.2	37.5	19.8	20.0	18	3
Robertson	10.2	10.8	44.0	42.0	23.5	23.4	3	3
Villiersdorp	8.4	11.4	40.2	36.2	21.2	21.4	15	4
Warm Bokkeveld	6.7	7.7	41.9	39.4	23.0	22.1	12	8
Bo-Piketberg	7.2	5.7	37.1	33.9	20.1	19.9	4	11
Wolseley	8.5	11.8	42.1	38.1	22.4	22.2	18	14
Stellenbosch	8.8	9.1	39.9	34.2	20.5	20.2	35	18
Simondium	11.3	10.2	42.3	37.1	22.9	22.5	19	20
Paarl	11.5	12.5	40.5	34.3	22.7	22.2	34	35
Elgin	8.5	9.8	35.4	31.7	19.3	19.0	19	42
Rustenburg	17.2	13.3	35.8	33.5	25.9	21.9	82	99
Bethlehem	9.7	9.6	36.1	32.5	21.6	19.2	43	154



# Temperature and Rainfall report for NOVEMBER 2015 vs 2016

Area	NOVEMBER							
	Minimum Temp		Maximum Temp		Average Temp		Total Rainfall	
	2015	2016	2015	2016	2015	2016	2015	2016
Robertson	5.9	6.2	38.7	39.9	19.5	20.1	26.0	2
Bo-Piketberg	4.5	4.5	35.2	33.2	16.9	18.4	18.0	4
Simondium	6.5	7.0	39.7	36.3	19.4	20.5	14.0	4
Koue Bokkeveld	3.1	2.3	33.7	29.8	15.6	17.1	14.0	5
Stellenbosch	6.5	6.9	35.2	34.3	17.6	18.7	22.0	5
Warm Bokkeveld	3.8	3.2	39.2	36.3	18.6	19.7	8.0	5
Wolseley	3.2	3.6	38.7	35.6	18.5	19.5	9.0	6
Vyeboom	7.2	7.1	35.3	34.0	16.8	17.5	47.0	7
Langkloof	7.1	6.2	34.7	32.8	15.9	16.2	14.0	8
Paarl	8.1	10.0	37.9	34.0	19.7	20.7	17.0	8
Villiersdorp	5.8	5.4	36.7	36.0	17.9	18.5	48.0	8
Elgin	6.3	6.5	33.4	31.4	16.0	16.6	44.0	14
Ladismith	3.4	5.3	38.0	37.4	18.0	19.0	47.0	14
Rustenburg	8.4	12.5	36.4	33.5	22.5	21.3	59.0	78
Bethlehem	2.1	9.3	33.4	30.8	17.8	17.5	53.0	105



# Temperature and Rainfall report for OCTOBER 2015 vs 2016

	<b>OCTOBER</b>							
	<b>Minimum Temp</b>		<b>Maximum Temp</b>		<b>Average Temp</b>		<b>Total Rainfall</b>	
<b>Area</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>	<b>2016</b>
Rustenburg	12.1	7.6	32.6	35.2	22.5	21.9	37.0	0.0
Robertson	6.7	3.4	39.9	38.2	19.5	18.0	10.0	2.0
Warm Bokkeveld	1.5	-0.2	40.5	35.9	18.3	16.0	3.0	2.0
Langkloof	4.4	2.2	39.1	32.4	16.3	14.7	6.0	4.0
Koue Bokkeveld	0.1	-1.0	33.8	29.9	15.6	13.2	5.0	5.0
Wolseley	3.4	1.4	37.6	35.2	18.1	16.4	6.0	5.0
Vyeboom	5.0	5.9	35.2	33.3	16.5	15.3	34.0	8.0
Simondium	4.7	5.4	40.7	36.3	18.6	17.3	6.0	10.0
Ladismith	5.3	3.0	41.5	35.7	18.6	16.7	25.0	10.0
Bo-Piketberg	0.4	1.0	37.2	32.8	16.3	14.4	15.0	14.0
Stellenbosch	5.1	5.0	37.1	33.7	16.9	15.8	12.0	17.0
Paarl	8.2	7.2	38.9	35.3	19.1	18.0	4.0	18.0
Villiersdorp	6.1	4.7	36.7	34.8	17.6	16.3	30.0	21.0
Elgin	3.6	5.1	34.4	31.5	16.0	14.7	14.0	25.0
Bethlehem	4.8	-0.9	32.2	31.0	18.6	16.3	33.0	59.0





# Temperature and Rainfall report for SEPTEMBER 2015 vs 2016

Area	SEPTEMBER							
	Minimum Temp		Maximum Temp		Average Temp		Total Rainfall	
	2015	2016	2015	2016	2015	2016	2015	2016
Rustenburg	8.3	8.3	31.8	31.2	18.7	19.6	46.0	0
Bethlehem	1.5	1.0	31.4	28.3	14.2	14.2	23.0	15
Robertson	5.8	2.9	33.1	30.1	15.4	14.7	29.0	18
Langkloof	4.1	2.5	30.5	30.9	13.1	12.6	115.0	19
Simondium	5.5	4.3	29.5	30.5	15.1	14.1	30.0	28
Vyeboom	4.7	5.1	30.2	26.4	13.5	12.8	61.0	38
Ladismith	2.7	1.4	30.6	28.7	14.2	13.4	21.0	41
Villiersdorp	5.1	4.9	29.9	27.2	14.4	13.7	79.0	44
Warm Bokkeveld	1.3	1.8	30.8	30.6	13.7	12.6	8.0	47
Paarl	7.4	8.1	29.0	28.5	16.1	14.8	22.0	50
Stellenbosch	4.4	4.1	31.3	26.9	14.5	13.3	33.0	53
Wolseley	3.1	3.4	31.3	28.0	14.5	13.6	16.0	54
Elgin	3.8	3.6	30.6	24.5	13.1	12.3	56.0	75
Koue Bokkeveld	0.1	0.6	26.9	24.3	11.1	10.0	6.0	79
Bo-Piketberg	1.1	0.2	29.2	27.4	13.6	11.9	16.0	93

