



Seasonal Snapshot | Updates and Insights

February 2025



Seasonal Snapshot | Updates and Insights

February 2025

Temperature

Mean, Minimum and Maximum

Number of Hours above 30°C

Rainfall

Monthly Rainfall

Heat Units (HU) and Growing Degree Days (GDD)

HU and GDD for February 2025

Cumulative HU and GDD from July – February 2025



Temperature

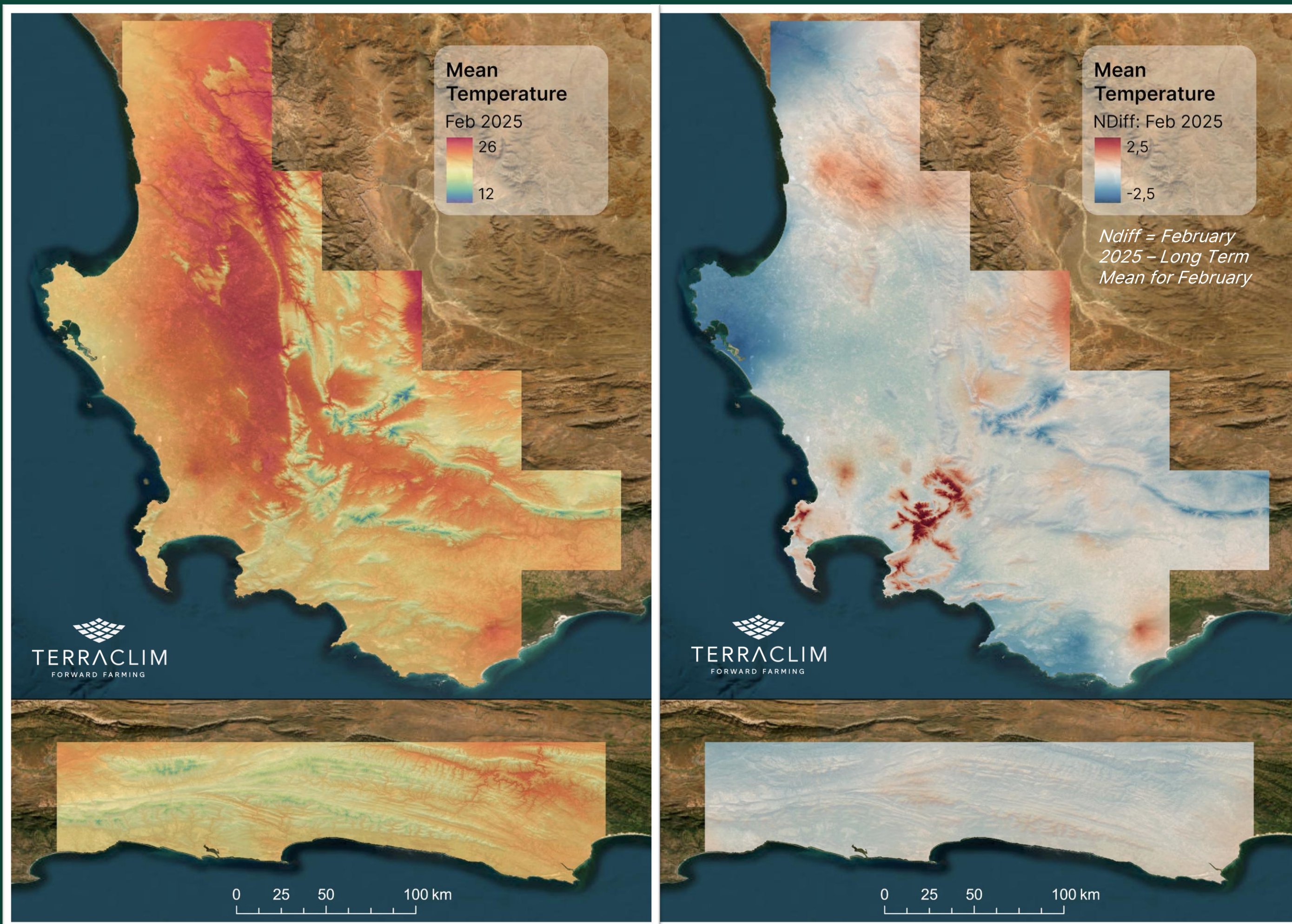


TEMPERATURE & RAINFALL FOR 1 FEBRUARY – 28 FEBRUARY: 2024/25

** Different station than 2024's report



Area	Average Temperature				Maximum Temperature				Minimum Temperature				Avg Daily Maximum Temp				Avg Daily Minimum Temp				Total Rainfall			
	2025	2024	25 vs 24		2025	2024	25 vs 24		2025	2024	25 vs 24		2025	2024	25 vs 24		2025	2024	25 vs 24		2025	2024	25 vs 24	
Avontuur (Langkloof)	18,1	17,8	0,3	▲	38,0	37,1	0,9	▲	8,5	3,7	4,8	▲	24,6	25,8	-1,2	▼	12,3	10,1	2,2	▲	29	20	8	▲
Elgin**	19,7	19,9	-0,2	▼	33,6	34,3	-0,7	▼	12,1	12,0	0,1	▲	25,2	25,6	-0,4	▼	15,7	15,4	0,3	▲	6	46	-40	▼
Ermelo**	19,3	19,9	-0,7	▼	28,8	31,0	-2,2	▼	12,7	10,8	1,9	▲	24,2	26,8	-2,6	▼	15,7	14,7	1,0	▲	98	122	-24	▼
Franschhoek	23,5	23,1	0,4	▲	37,7	39,2	-1,5	▼	15,1	13,1	2,0	▲	30,7	30,2	0,5	▲	17,8	17,0	0,8	▲	1	13	-13	▼
Greyton**	21,9	21,8	0,0	—	39,6	40,8	-1,2	▼	11,1	10,5	0,6	▲	30,8	31,6	-0,8	▼	15,0	14,4	0,6	▲	5	24	-19	▼
Joubertina (Langkloof)	20,5	20,0	0,5	▲	39,8	38,6	1,3	▲	9,9	5,3	4,6	▲	27,3	28,2	-0,9	▼	14,7	12,1	2,6	▲	12	10	2	▲
Koue Bokkeveld**	20,5	19,1	1,5	▲	33,6	35,5	-1,9	▼	7,0	3,7	3,3	▲	28,5	27,2	1,3	▲	11,9	10,2	1,7	▲	1	14	-13	▼
Ladismith**	21,7	21,6	0,0	—	39,3	38,4	0,9	▲	12,2	8,9	3,3	▲	29,3	29,5	-0,2	▼	15,6	15,2	0,4	▲	31	27	4	▲
Misgund (Langkloof)	18,6	18,8	-0,2	▼	37,0	37,5	-0,5	▼	9,5	6,1	3,4	▲	24,3	25,7	-1,4	▼	13,7	12,5	1,2	▲	25	3	22	▲
Montagu	23,5	23,0	0,6	▲	40,4	41,7	-1,3	▼	11,0	8,1	2,9	▲	32,2	32,1	0,1	▲	16,5	14,4	2,1	▲	12	43	-32	▼
Nuy**	22,4	22,2	0,2	▲	39,3	40,6	-1,3	▼	7,6	6,3	1,3	▲	30,9	30,8	0,1	▲	13,9	13,3	0,6	▲	1	12	-12	▼
Piketberg**	22,0	21,0	1,0	▲	36,1	38,1	-2,0	▼	10,4	7,2	3,2	▲	29,9	29,1	0,8	▲	14,2	12,4	1,8	▲	0	6	-6	▼
Robertson**	21,3	22,1	-0,8	▼	46,4	43,3	3,1	▲	6,8	7,3	-0,5	▼	37,6	32,4	5,2	▲	10,6	14,0	-3,4	▼	0	3	-3	▼
Simondium	23,2	23,0	0,3	▲	38,5	40,2	-1,7	▼	13,3	12,1	1,2	▲	30,3	30,3	0,0	—	17,6	16,9	0,7	▲	0	13	-13	▼
Stellenbosch	22,2	22,3	-0,1	▼	36,8	39,6	-2,8	▼	11,6	11,1	0,5	▲	30,2	30,0	0,2	▲	14,8	15,3	-0,5	▼	2	13	-12	▼
Tulbagh	23,0	22,9	0,1	▲	37,9	40,5	-2,6	▼	11,4	10,6	0,8	▲	31,1	31,3	-0,2	▼	15,8	15,3	0,5	▲	0	6	-6	▼
Villiersdorp	21,3	21,2	0,1	▲	36,7	37,0	-0,3	▼	10,4	10,1	0,4	▲	28,7	28,6	0,1	▲	15,7	15,1	0,6	▲	15	15	0	—
Vrystaat**	19,2	19,9	-0,7	▼	30,9	32,6	-1,7	▼	13,0	10,6	2,4	▲	25,1	28,4	-3,3	▼	15,1	13,5	1,6	▲	156	39	117	▲
Vyeboom	19,7	20,6	-0,9	▼	33,9	36,5	-2,6	▼	10,7	10,2	0,5	▲	26,4	28,1	-1,7	▼	14,8	14,8	0,0	—	3	16	-13	▼
Waterberg	22,5	23,3	-0,9	▼	32,4	34,6	-2,1	▼	13,9	12,6	1,3	▲	27,3	30,1	-2,8	▼	18,8	17,6	1,2	▲	159	131	28	▲
WBV - Noord	23,0	21,8	1,3	▲	37,3	39,4	-2,1	▼	10,5	6,1	4,4	▲	31,9	30,9	1,0	▲	14,1	12,6	1,5	▲	0	3	-3	▼
WBV - Suid	22,8	21,4	1,4	▲	37,8	37,3	0,5	▲	9,5	7,0	2,5	▲	31,4	29,4	2,0	▲	13,2	12,9	0,3	▲	7	9	-2	▼
Wellington**	25,1	24,7	0,4	▲	38,6	41,8	-3,2	▼	14,6	13,7	0,9	▲	32,4	31,9	0,5	▲	18,4	18,0	0,4	▲	9	6	4	▲
Wolseley**	23,2	22,4	0,8	▲	38,2	39,6	-1,4	▼	11,7	9,3	2,5	▲	31,3	30,6	0,7	▲	16,3	15,3	1,0	▲	1	9	-8	▼



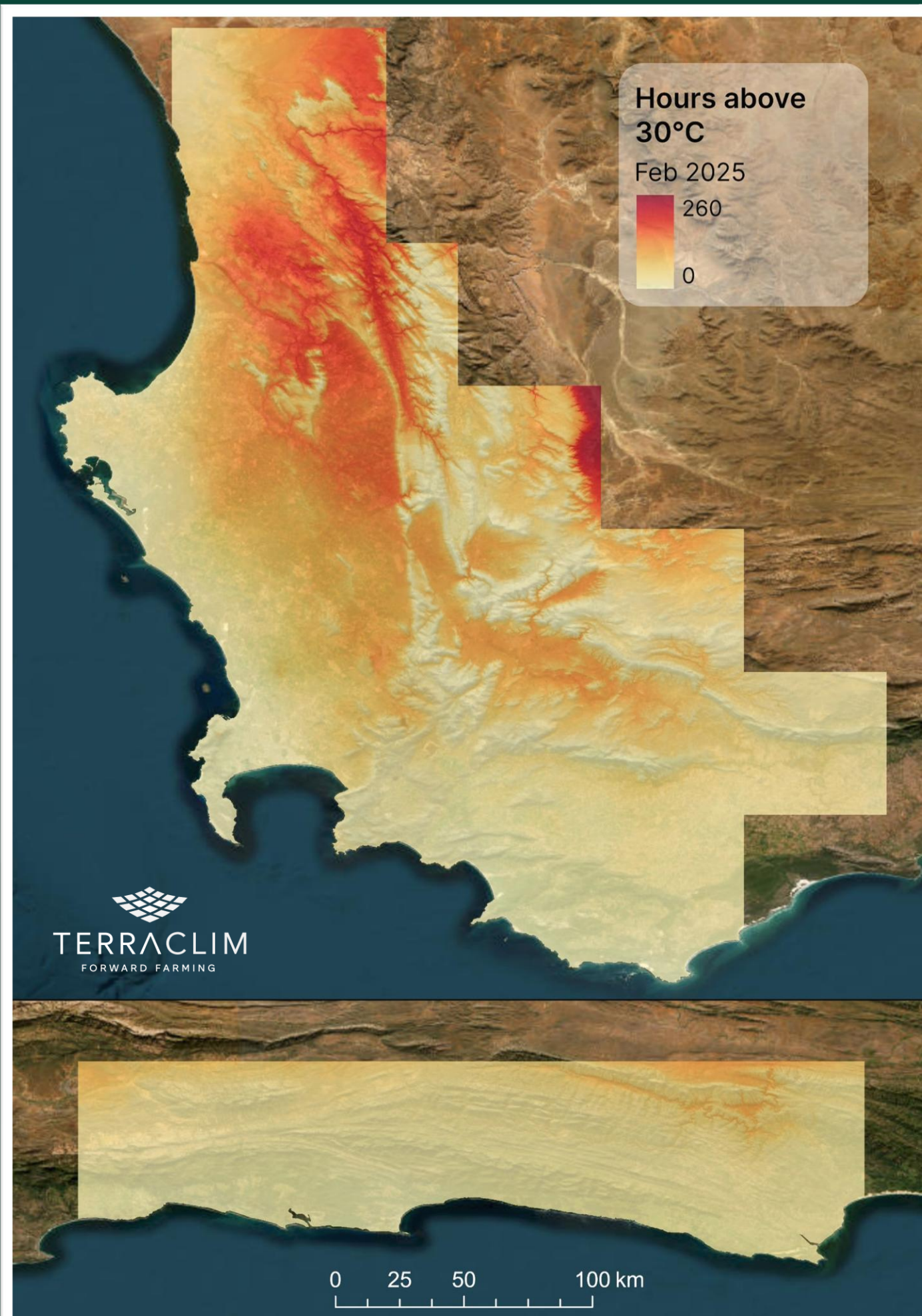
MEAN TEMPERATURE



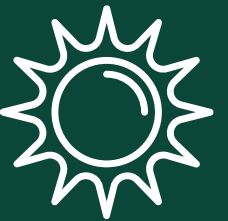
The mean temperature for February 2025 ranged from 12°C to 26°C.

The Berg Rivier and Cederberg areas along the West Coast exhibited higher mean temperatures compared to other regions.

Most of the Cape experienced a cooler February, with temperatures up to 2.5°C lower than the average mean temperature for this period.



HOURS ABOVE 30 °C



In February 2025, the accumulated hours above 30°C ranged from 0 - 260 hours.

The West Coast, particularly the Berg Rivier and Cederberg regions, experienced a higher number of hours above 30°C. Overall, the Cape saw fewer hours above 30°C compared to the long-term February average. However, the Cederberg recorded an increase (~60 hours) at this threshold.



Rainfall





RAINFALL

The total rainfall for February 2025 ranged between 1 – 5 mm across the Cape and Langkloof.

This February, the Langkloof experienced up to 50mm less rainfall compared to the long-term average, while the Cape saw a decrease of up to 25mm.



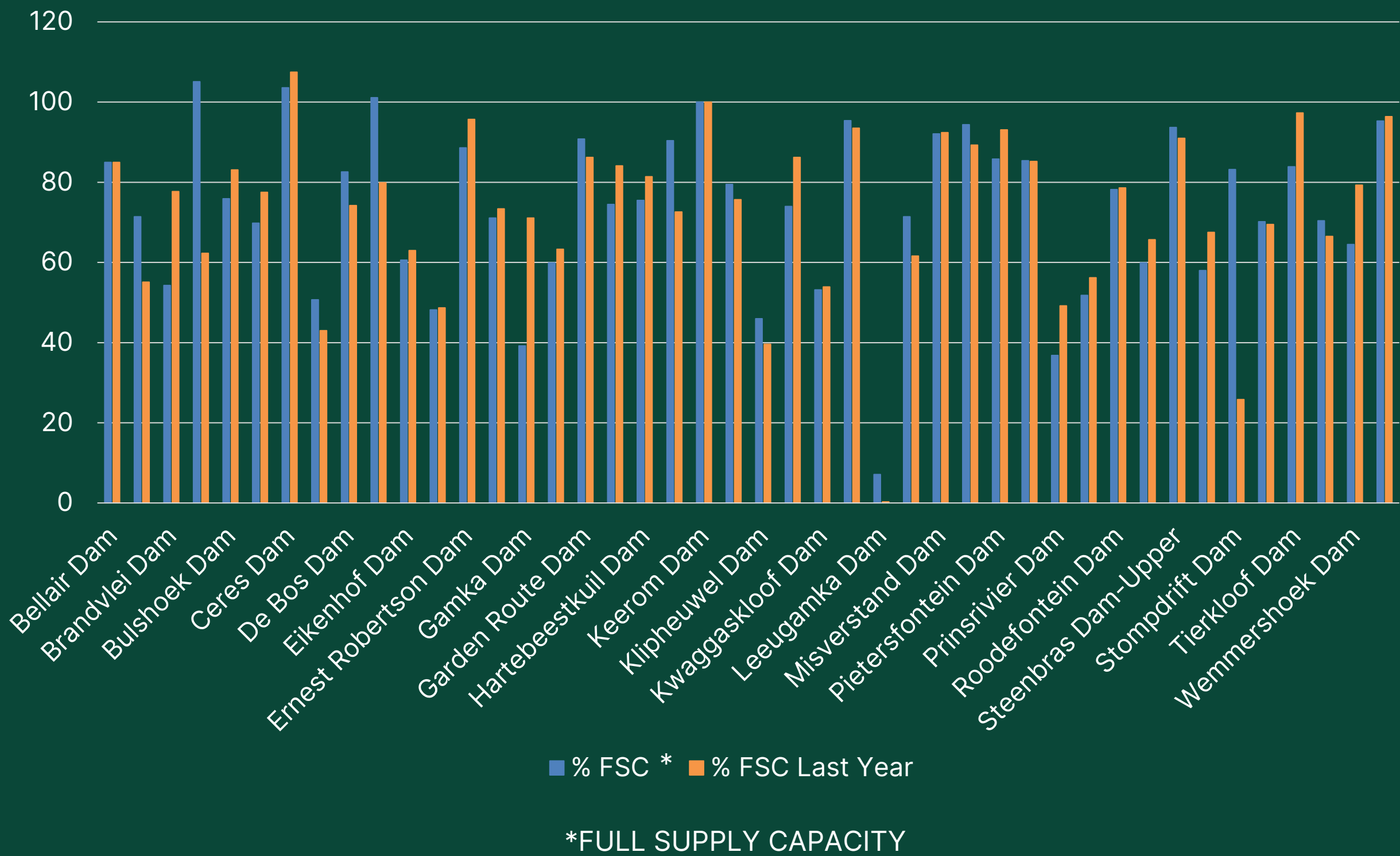
Current Level:

67% as of March 3rd, 2025.

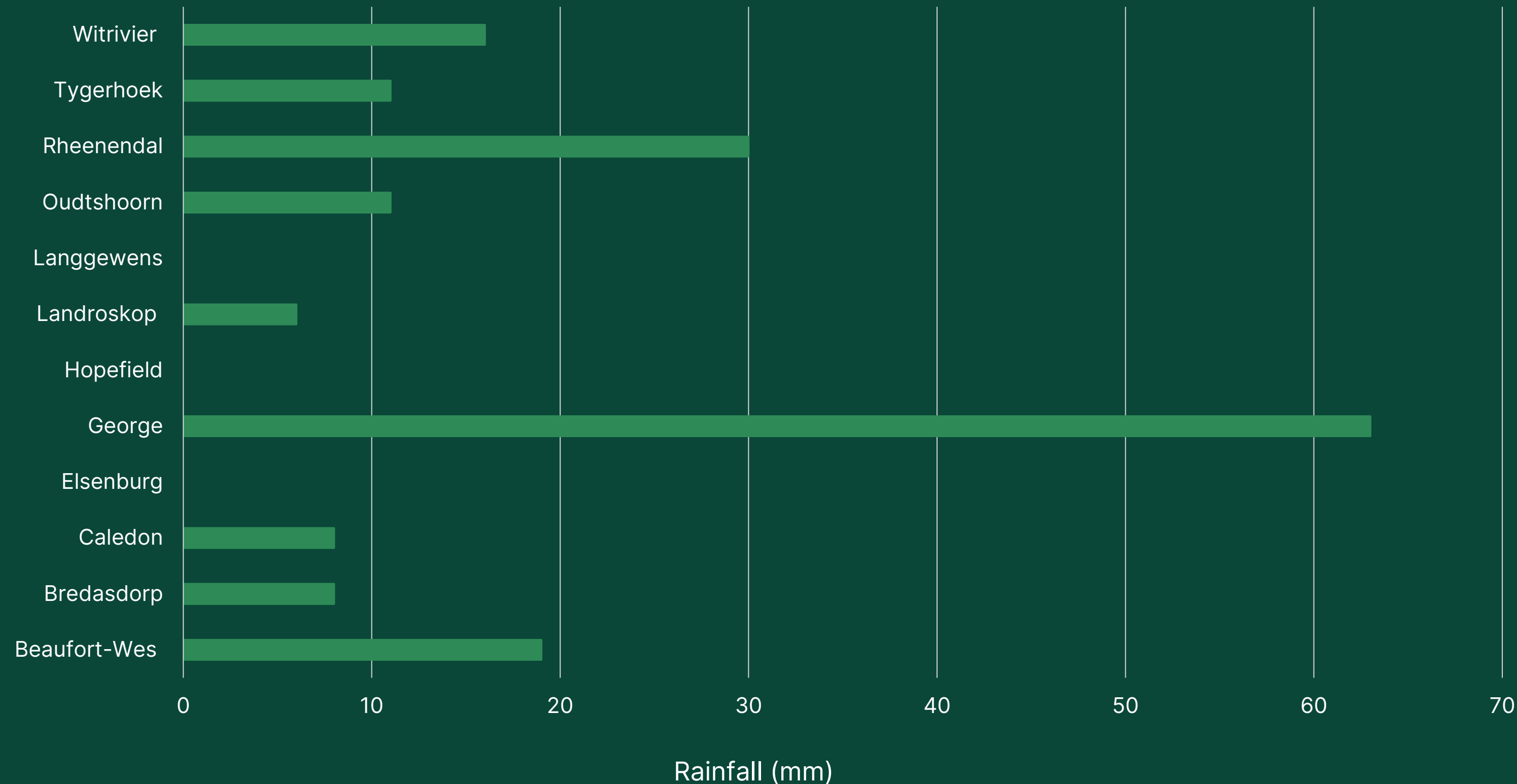
This data is sourced from the Department of Water and Sanitation.



State of Western Cape Dams



TerraClim | February Rainfall



The following data is retrieved from the Elsenburg weather station portal (WSP)



Heat Units and Growing Degree Days



MONTHLY HEAT UNITS (HU) & GROWING DEGREE DAYS (GDD) for 1 FEBRUARY – 28 FEBRUARY: 2024/25

** Different station than 2024's report



Area	GDD				HEAT UNITS			
	2024	2025	2024 vs 2025		2024	2025	2024 vs 2025	
Avontuur (Langkloof)	223	237	13	▲	5422	5456	34	▲
Elgin**	293	293	-1	▼	6646	6527	-118	▼
Ermelo**	300	279	-21	▼	6679	6228	-452	▼
Franschhoek	382	399	18	▲	8794	9039	244	▲
Greyton**	364	360	-4	▼	7950	7978	28	▲
Joubertina (Langkloof)	285	308	23	▲	6791	7032	241	▲
Koue Bokkeveld**	244	285	41	▲	6231	7103	872	▲
Ladismith**	346	349	3	▲	7819	7836	17	▲
Misgund (Langkloof)	255	251	-4	▼	5967	5785	-182	▼
Montagu	371	402	30	▲	8710	9096	386	▲
Nuy**	337	346	9	▲	8197	8346	150	▲
Piketberg**	302	337	35	▲	7431	8030	599	▲
Robertson**	369	398	28	▲	8151	7631	-519	▼
Simondium	381	390	9	▲	8729	8898	170	▲
Stellenbosch	355	350	-5	▼	8231	8189	-43	▼
Tulbagh	373	377	4	▲	8695	8761	66	▲
Villiersdorp	332	341	9	▲	7499	7558	59	▲
Vrystaat**	306	284	-23	▼	6666	6201	-465	▼
Vyeboom	320	296	-23	▼	7107	6482	-625	▼
Waterberg	388	365	-23	▼	8952	8373	-578	▼
WBV - Noord	330	365	35	▲	7940	8746	807	▲
WBV - Suid	312	345	32	▲	7654	8608	954	▲
Wellington**	419	431	12	▲	9863	10120	256	▲
Wolseley**	362	387	26	▲	8365	8869	504	▲

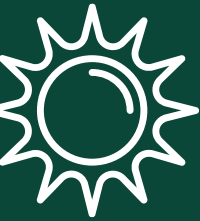
HEAT UNITS (HU) & GROWING DEGREE DAYS (GDD) for 1 JULY – 28 FEBRUARY: 2024/25

** Different station than 2024's report



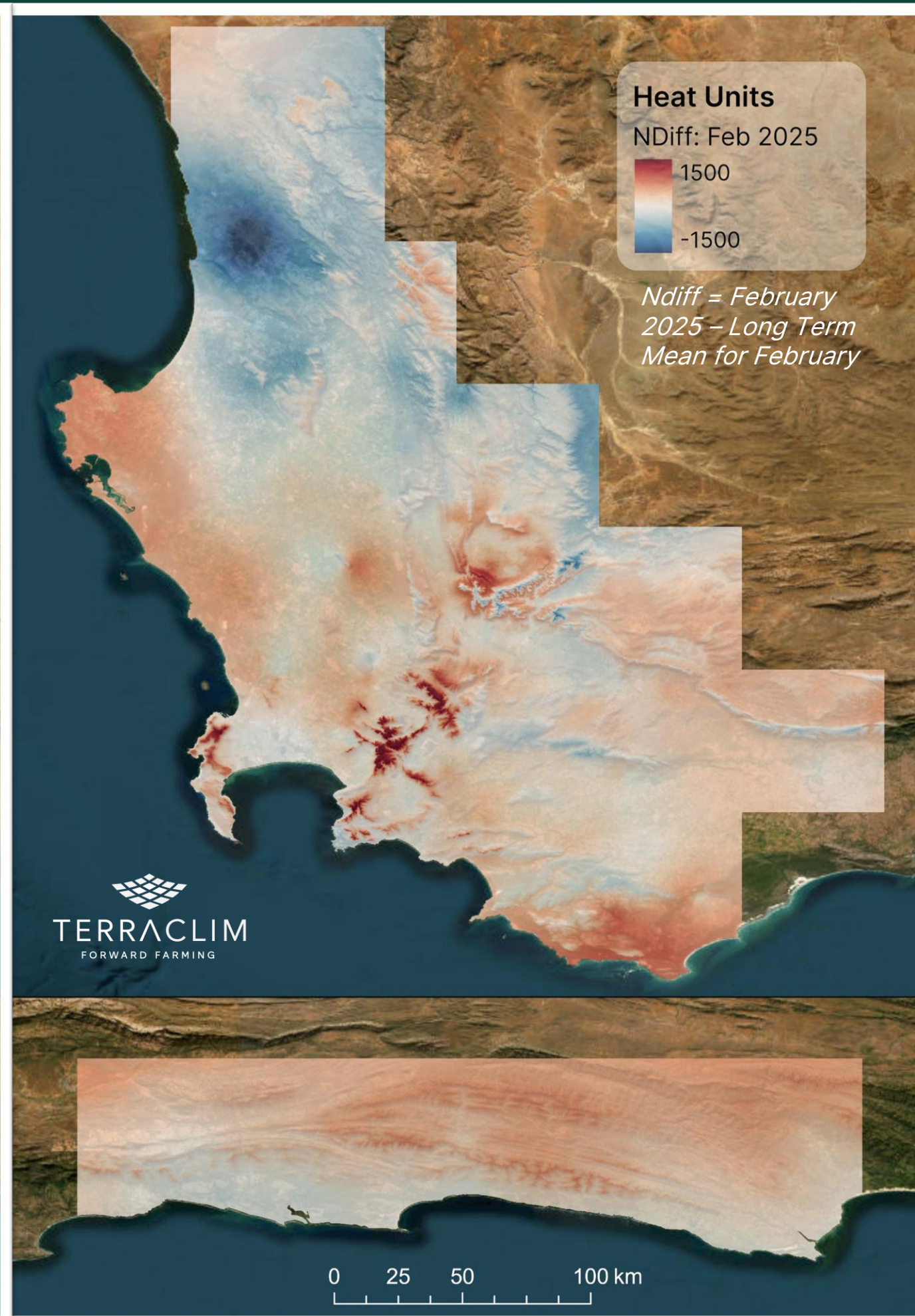
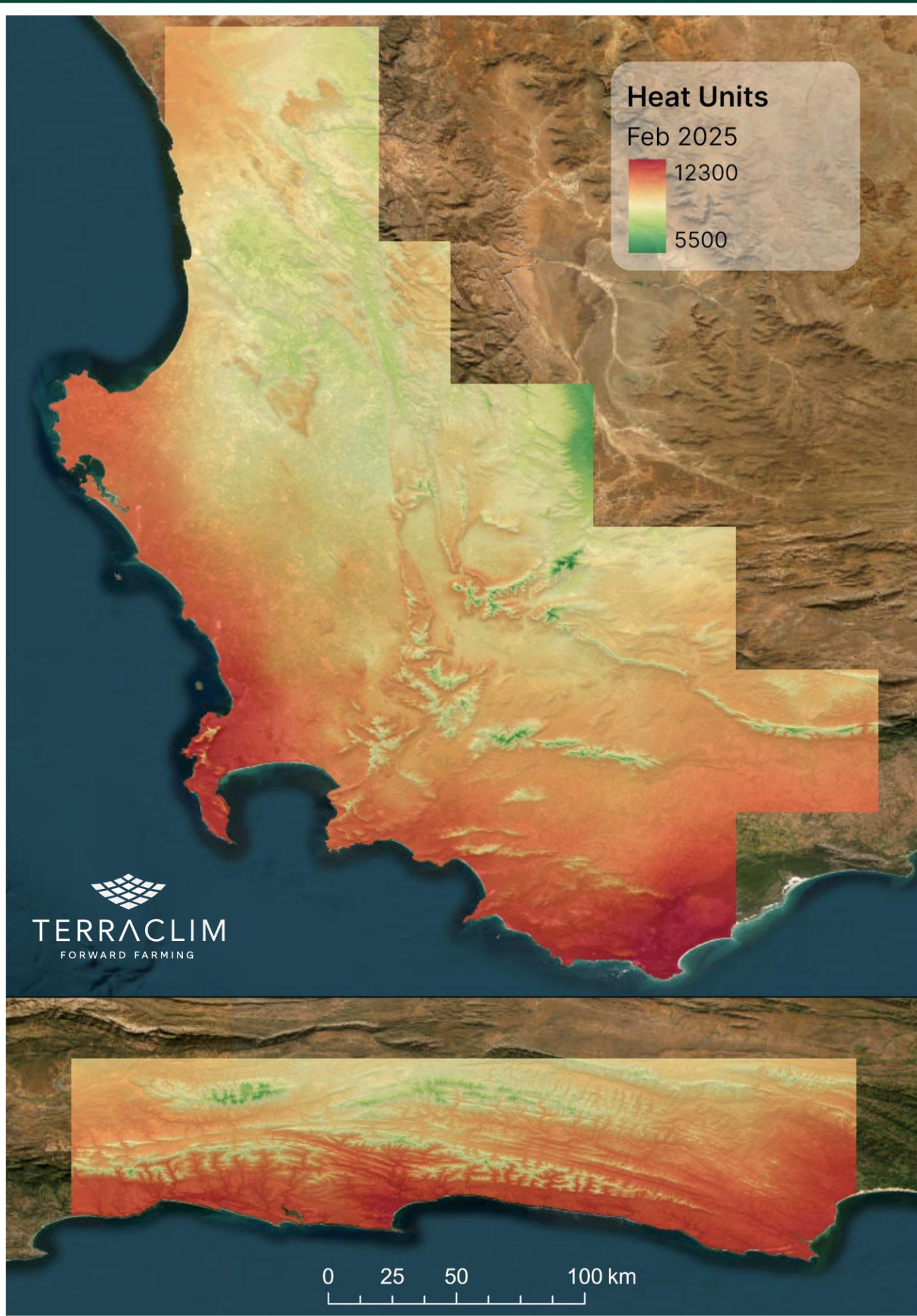
Area	GDD				HEAT UNITS			
	2024	2025	2024 vs 2025		2024	2025	2024 vs 2025	
Avontuur (Langkloof)	1015	932	-83	▼	29929	27876	-2052	▼
Elgin**	1597	1501	-97	▼	36993	34853	-2140	▼
Ermelo**	1709	1844	135	▲	41017	42952	1935	▲
Franschhoek	2180	2072	-108	▼	50348	47924	-2424	▼
Greyton**	1977	1874	-103	▼	44775	43354	-1421	▼
Joubertina (Langkloof)	1547	1495	-52	▼	38636	37813	-823	▼
Koue Bokkeveld**	1132	998	-134	▼	35071	33248	-1823	▼
Ladismith**	1868	1814	-55	▼	44877	43169	-1708	▼
Misgund (Langkloof)	1259	1147	-112	▼	32321	30404	-1917	▼
Montagu	1988	1957	-31	▼	49330	48518	-812	▼
Nuy**	1772	1663	-109	▼	46640	44988	-1652	▼
Piketberg**	1590	1490	-100	▼	41964	39680	-2284	▼
Robertson**	1782	1876	95	▲	43771	42556	-1215	▼
Simondium	2098	1980	-118	▼	49124	46162	-2962	▼
Stellenbosch	2044	1804	-241	▼	49001	43840	-5161	▼
Tulbagh	1971	1900	-71	▼	47758	45946	-1812	▼
Villiersdorp	1814	1739	-75	▼	42827	40829	-1998	▼
Vrystaat**	1562	1656	94	▲	39041	40548	1507	▲
Vyeboom	1768	1514	-254	▼	41195	35127	-6068	▼
Waterberg	2554	2679	125	▲	60783	63976	3193	▲
WBV - Noord	1780	1594	-186	▼	45836	43468	-2367	▼
WBV - Suid	1275	1514	239	▲	30897	42478	11582	▲
Wellington**	2464	2326	-138	▼	57626	54530	-3096	▼
Wolseley**	2079	2046	-33	▼	48345	47311	-1034	▼

HEAT UNITS (HU): FEBRUARY



The HU ranged between 5500 and 12300. Coastal and low-lying regions were warmer, accumulating more HU than mountainous areas.

Most of the Cape experienced an increase in HU compared to the long-term average. However, the Cederberg saw a decrease of approximately 1,500 HU this month.

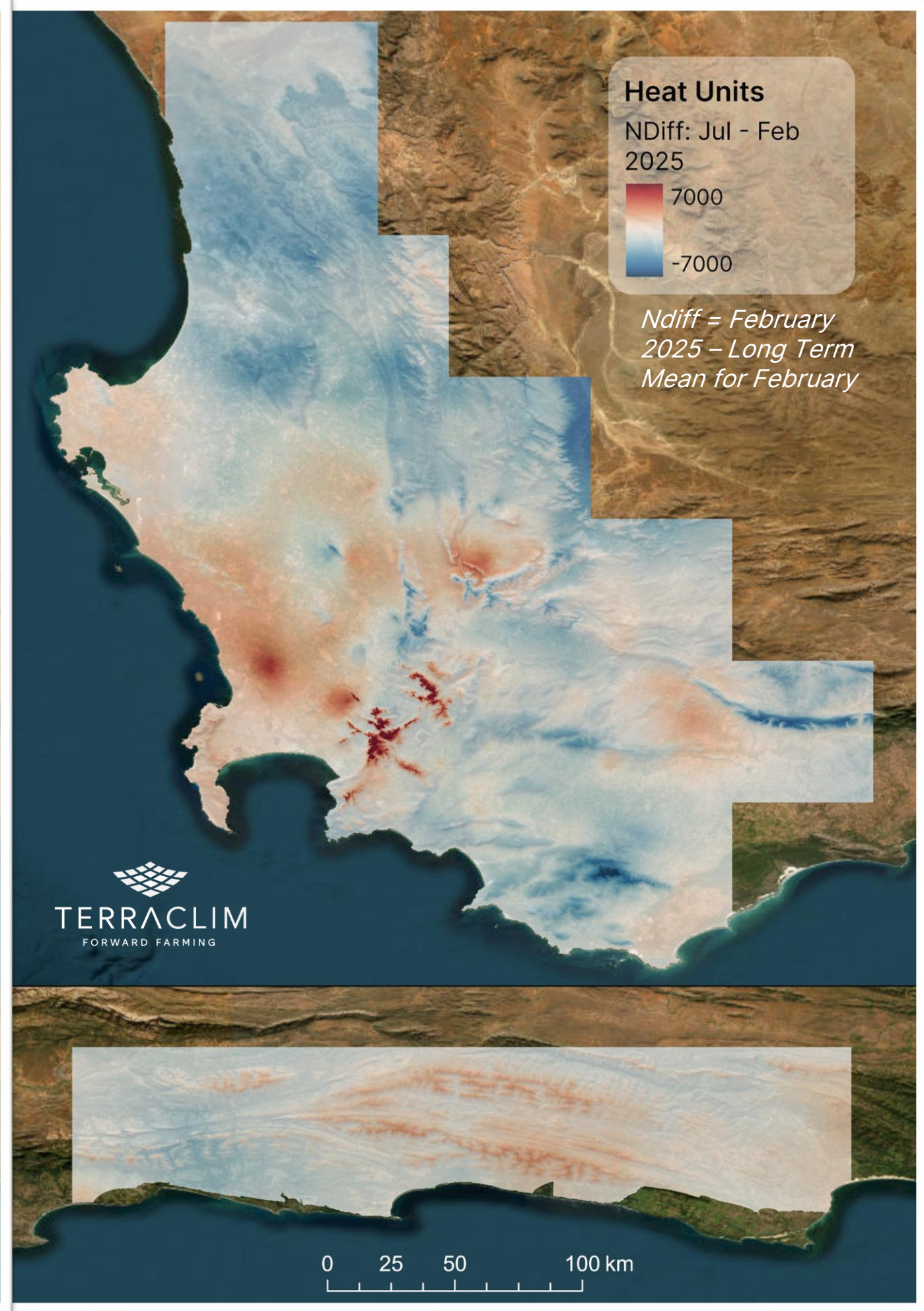
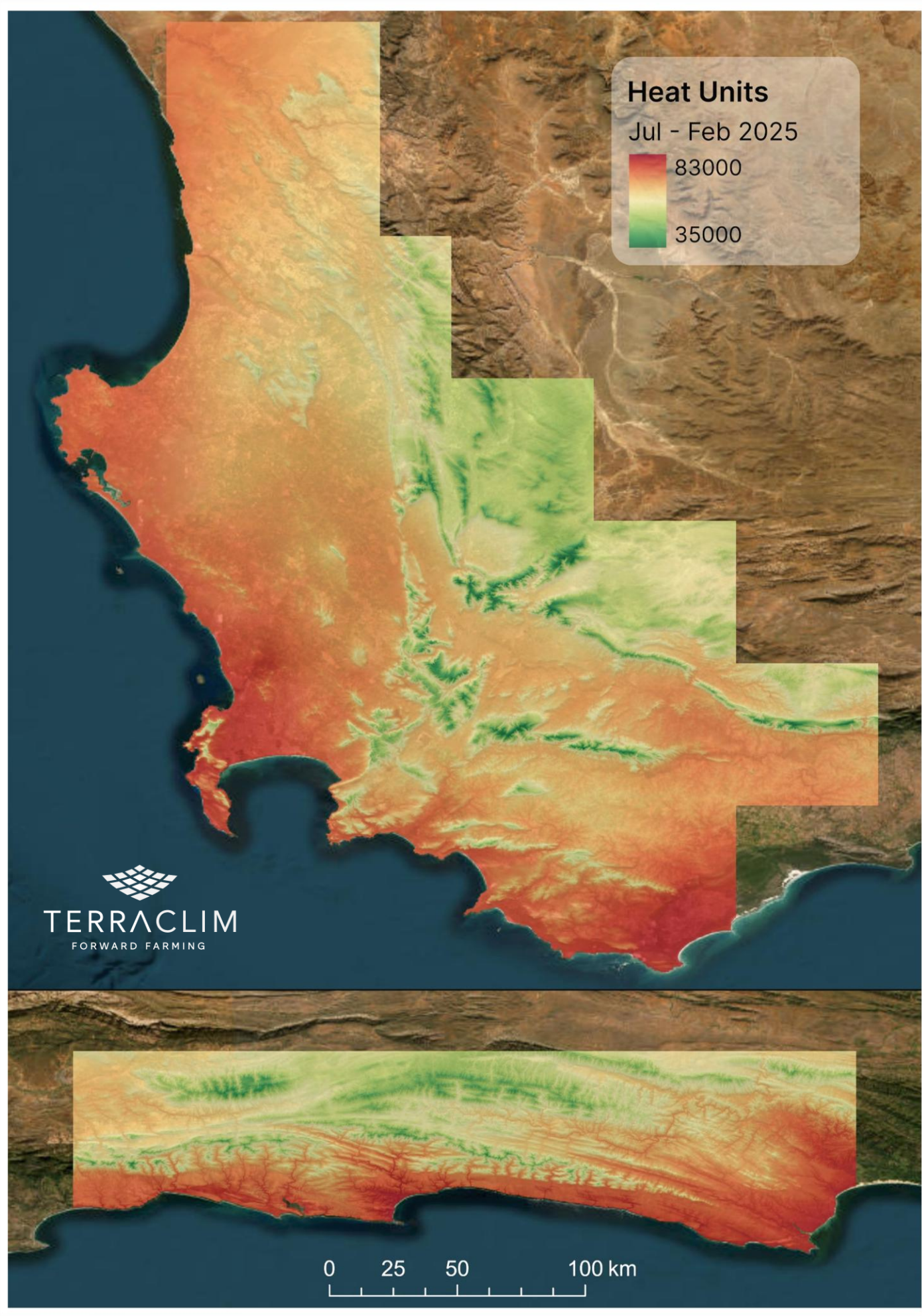




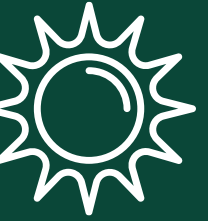
HEAT UNITS (HU): JULY - FEBRUARY

The accumulated HU ranged between 35000 to 83000 during this July – February period. More growing hours were experienced this season across the coastal areas.

Compared to the long-term average, the Winelands and Langkloof saw in increase while the Langeberg, Cape Agulhas, and West Coast areas saw a reduction during this July – February period.



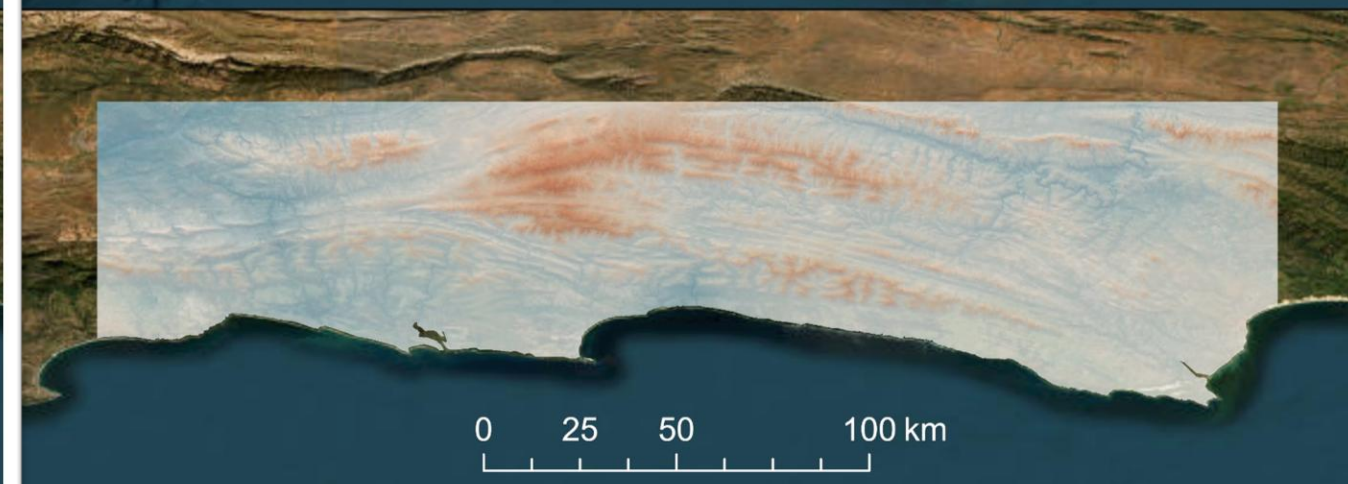
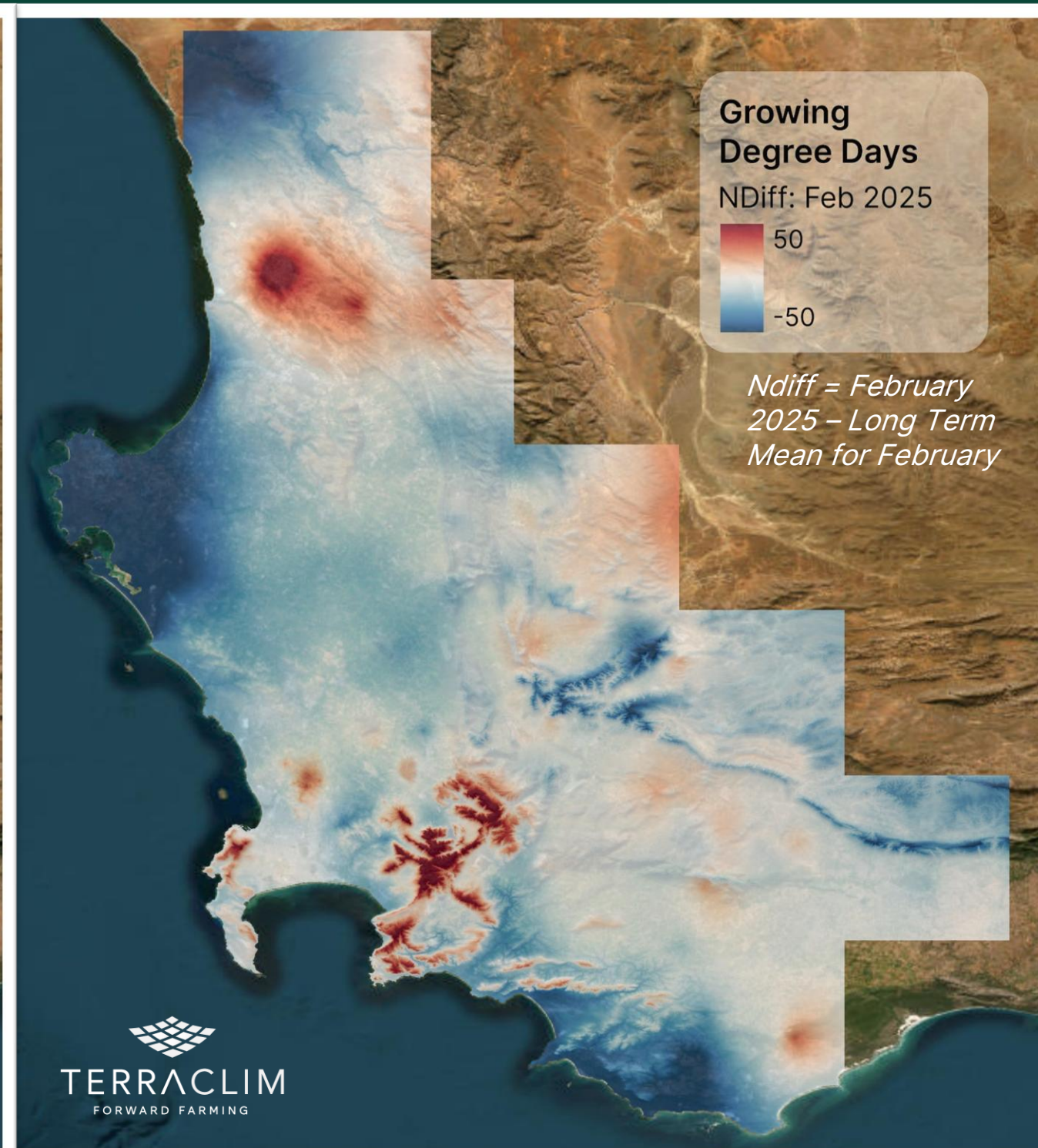
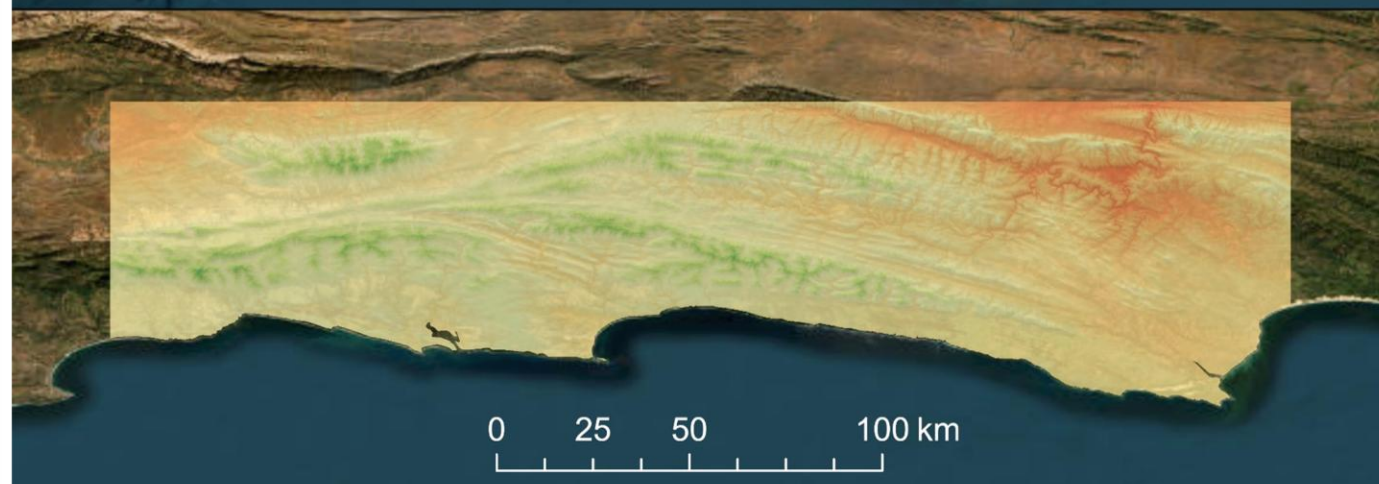
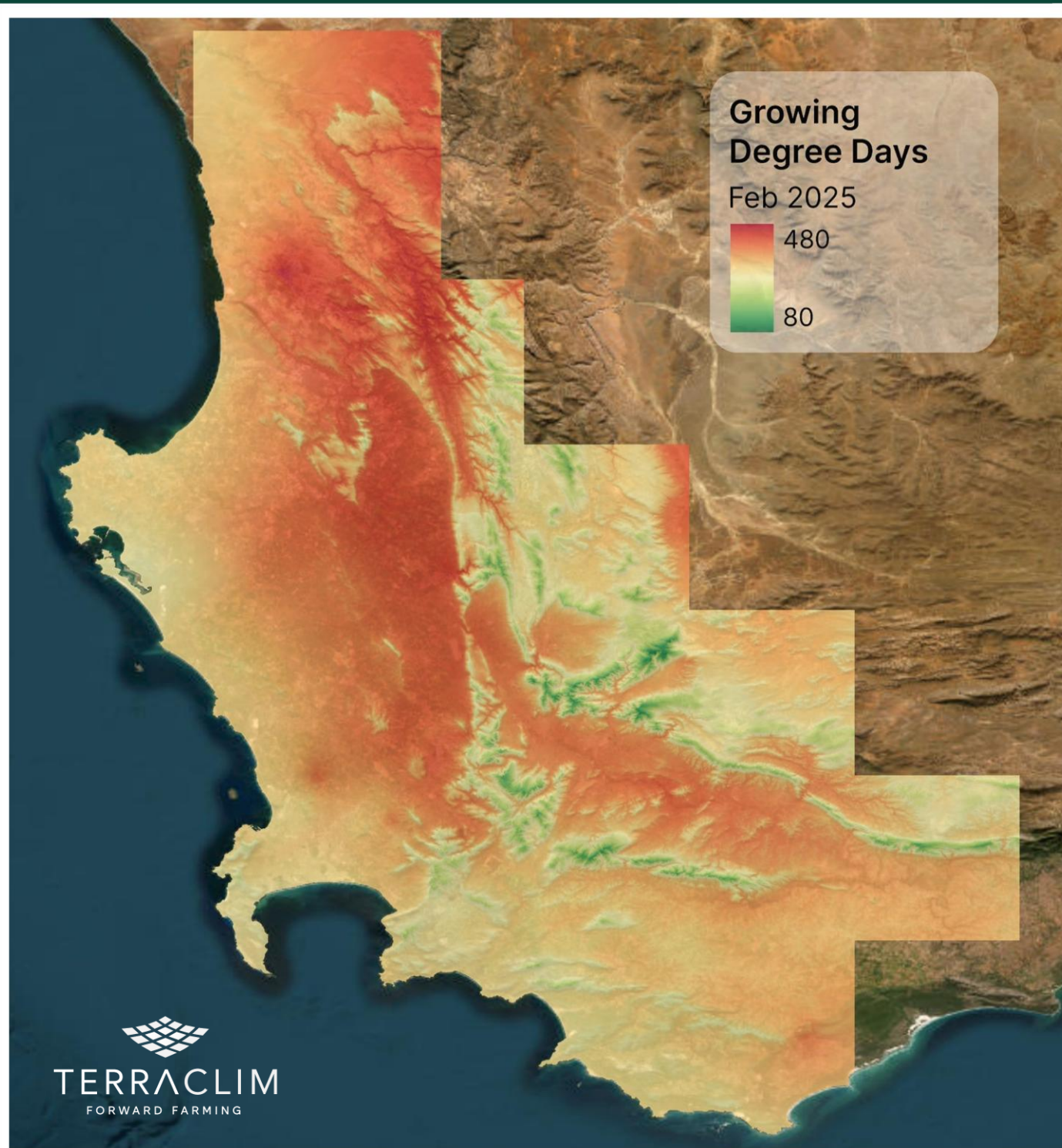
GROWING DEGREE DAYS (GDD): FEBRUARY

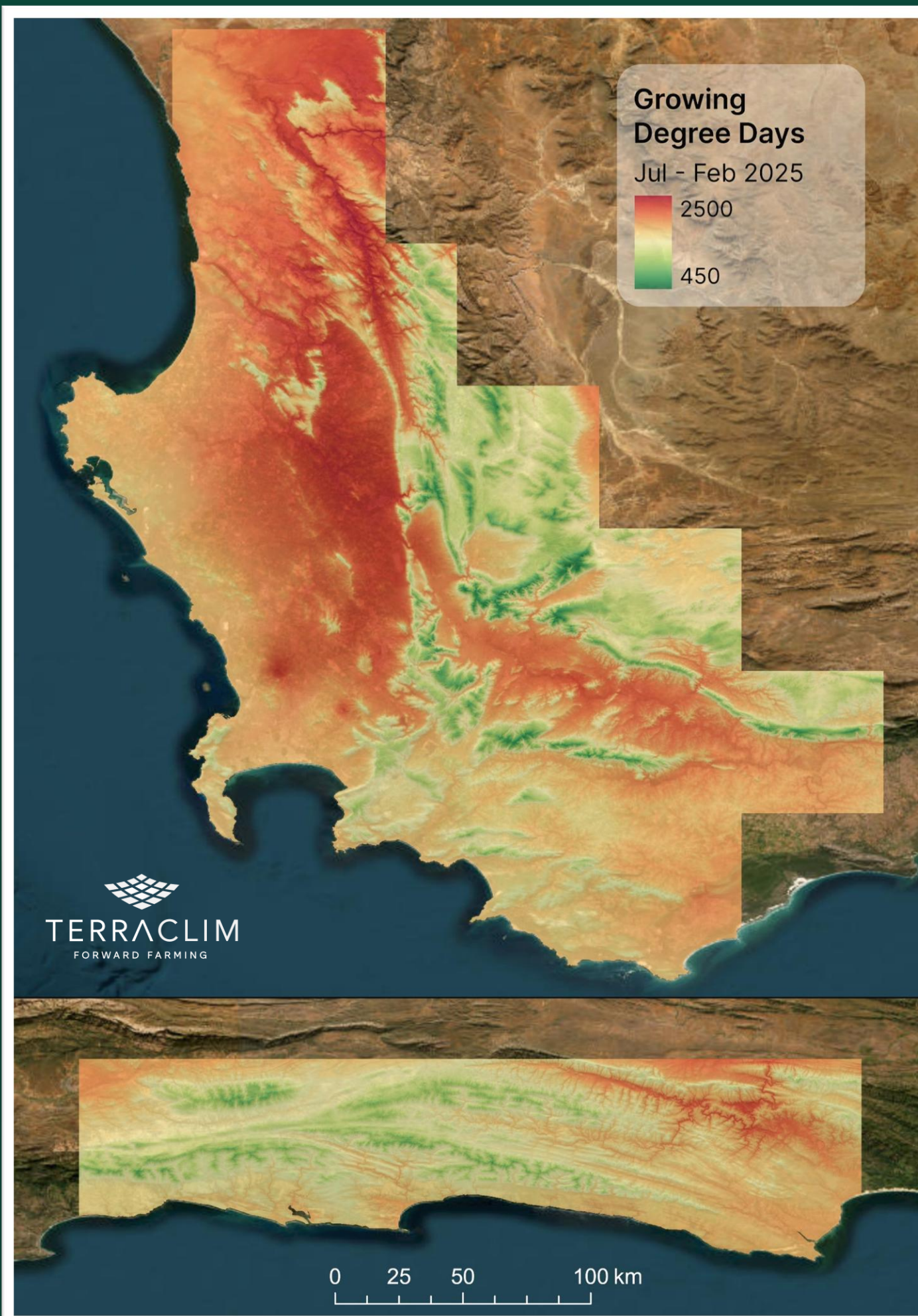


Growing days ranged from 80 – 480 GDD this February.

Mountainous areas had the fewest growing days, while inland regions and the West Coast recorded the highest.

Compared to previous years, most of the region experienced fewer growing days, particularly in Saldanha and Cape Agulhas. However, the Cederberg and parts of Langkloof saw an increase.





GROWING DEGREE DAYS (GDD): JULY - FEBRUARY



The accumulated growing degree days ranged between 450 to 2500 GDD from July – February 2025.

The West Coast recorded some of the highest growing days. Most of the Cape received fewer GDD during this period when compared to the long-term average, except small pockets of the Cederberg and Winelands which received more.

Stations used in this report (1 February – 28 February): 2024/25

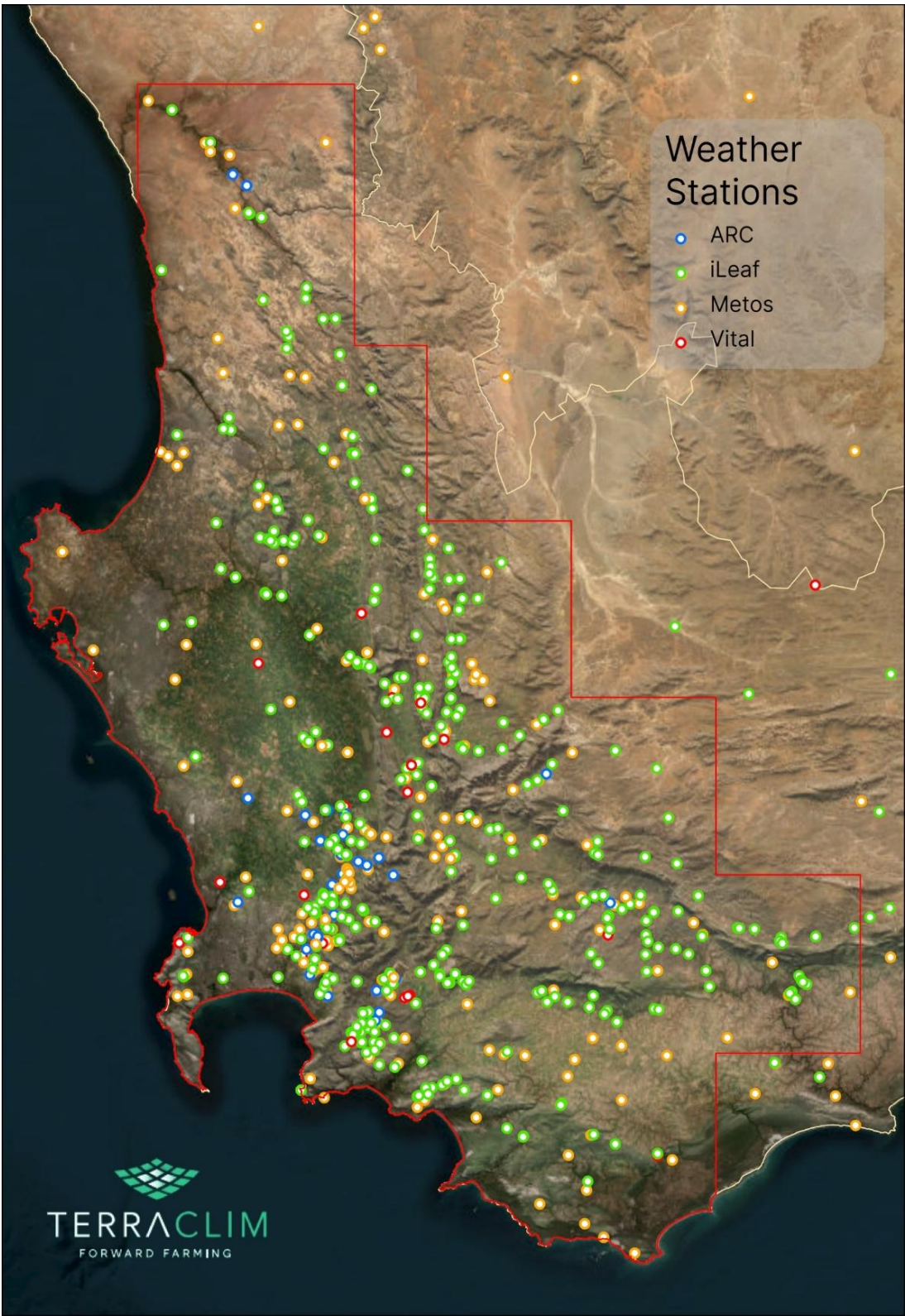
** Different station than 2024's report



Area	Station (2025)
Avontuur (Langkloof)	Avontuur
Elgin**	Habibi
Ermelo**	Voorsorg
Franschhoek	La Motte
Greyton**	Greyton
Joubertina (Langkloof)	Joubertina
Koue Bokkeveld**	Weltevrede
Ladismith**	R2C Ladismith
Misgund (Langkloof)	Nuweplaas
Montagu	Derdeheuwel
Nuy**	La Motte Rivier
Piketberg**	Moutons Valley
Robertson**	Uitnood
Simondium	Simonsvlei Landgoed
Stellenbosch	Kanonkop1
Tulbagh	Waveren Berries
Villiersdorp	Villiersdorp
Vrystaat**	Lettie
Vyeboom	Riviera
Waterberg	Waterberg Berries
WBV - Noord	Lushof
WBV - Suid	Dankbaar
Wellington**	AT Wellington
Wolseley**	Platvlei

Seasonal Spatialised Maps created by TerraClim

A network for a changing climate: These weather stations provide crucial data for sustainable agriculture.



Seasonal Snapshot presented by iLeaf, a division of Mérieux NutriSciences | Hortec & TerraClim

