



Seasonal Snapshot | Updates and Insights

July 2025



Seasonal Snapshot | Updates and Insights

July 2025

Temperature

Mean, Minimum and Maximum

Rainfall

Monthly Rainfall

Heat Units

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

Chill Models

Richardson Cold Units

Infruitec Cold Units

Chill Portions



Temperature

TEMPERATURE & RAINFALL FOR 1 – 31 JULY: 2024/25

** Different station than 2024's report



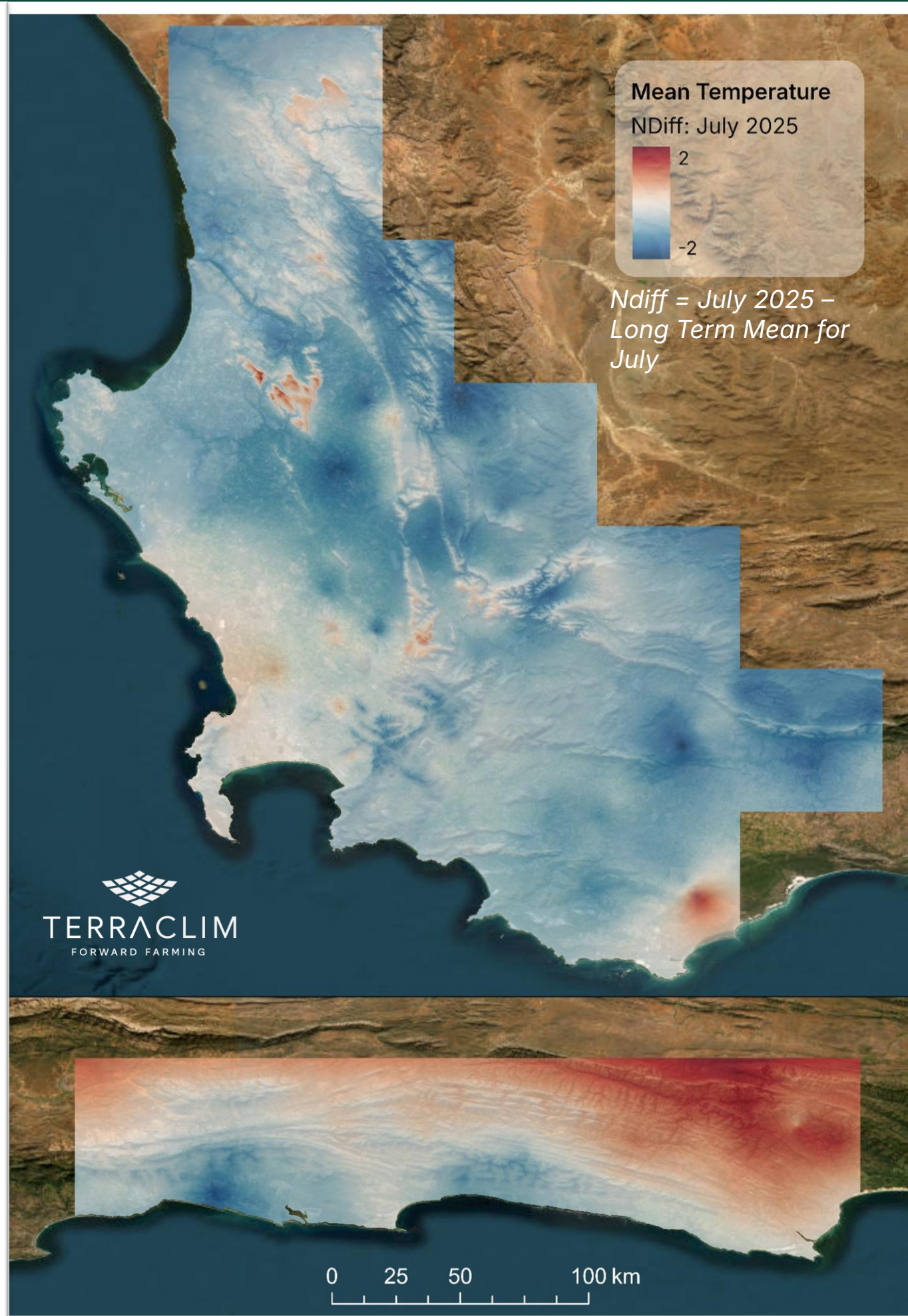
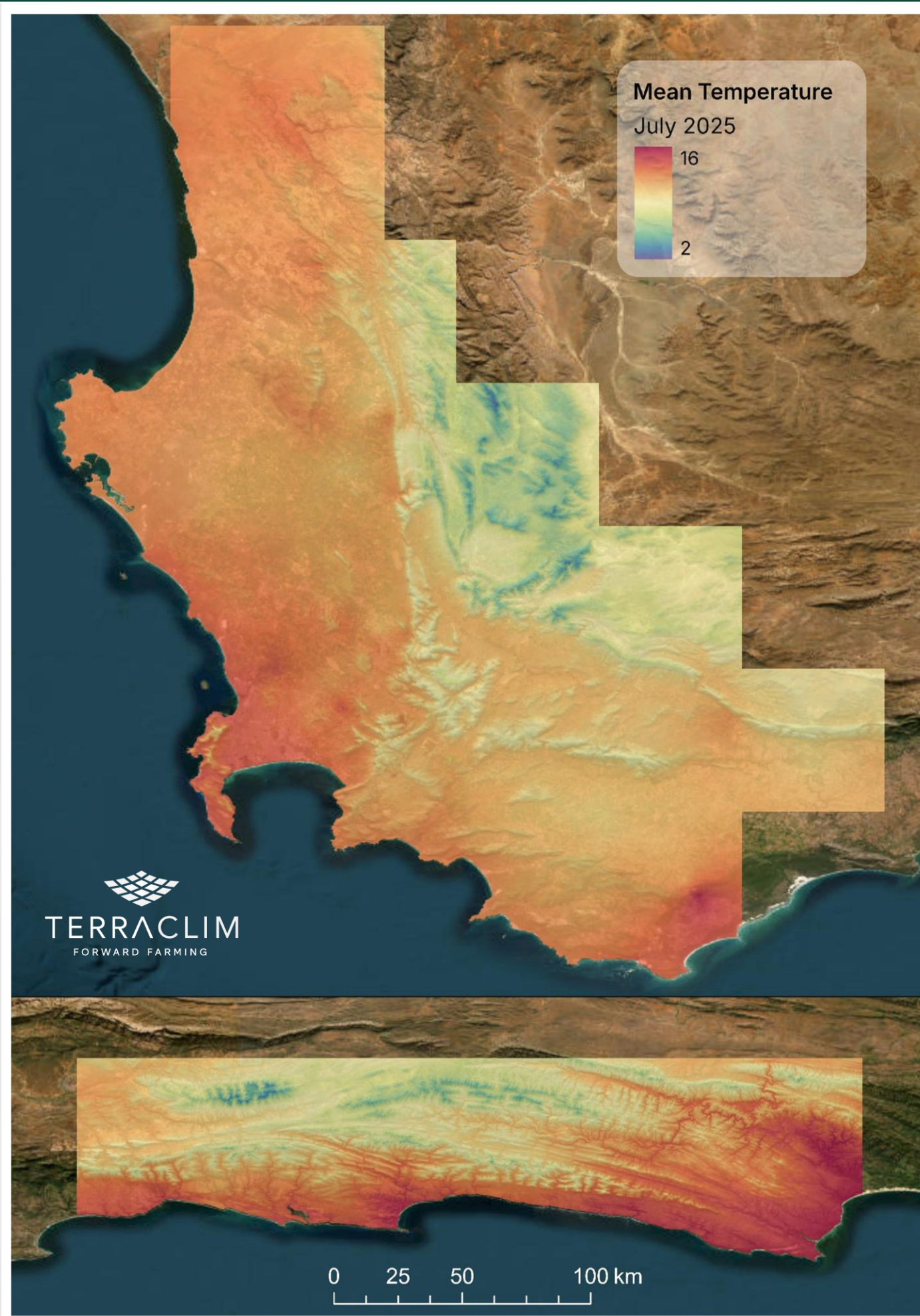
Area	Average Temperature				Maximum Temperature				Minimum Temperature				Avg Daily Maximum Temp				Avg Daily Minimum Temp				Total Rainfall			
	2025	2024	25 vs 24		2025	2024	25 vs 24		2025	2024	25 vs 24		2025	2024	25 vs 24		2025	2024	25 vs 24		2025	2024	25 vs 24	
Avontuur (Langkloof)	8,3	7,4	0,9	▲	22,8	20,2	2,6	▲	-4,3	-3,4	-0,9	▼	15,3	13,2	2,1	▲	2,0	1,9	0,1	▲	19	26	-7	▼
Elgin	9,8	10,3	-0,5	▼	26,6	23,6	3,0	▲	0,0	0,1	0,0	—	15,2	14,4	0,8	▲	4,4	6,2	-1,8	▼	170	491	-321	▼
Ermelo	8,5	9,3	-0,8	▼	20,9	24,4	-3,5	▼	-3,2	-4,3	1,1	▲	17,3	19,6	-2,3	▼	0,8	0,1	0,7	▲	3	1	2	▲
Franschhoek	12,2	11,2	1,0	▲	26,8	22,6	4,2	▲	1,6	3,2	-1,5	▼	17,0	14,9	2,1	▲	8,0	7,9	0,1	▲	142	398	-256	▼
Greyton	10,8	10,9	-0,1	▼	28,0	22,4	5,7	▲	-0,8	0,0	-0,8	▼	17,3	16,7	0,6	▲	4,8	6,0	-1,2	▼	49	128	-79	▼
Joubertina (Langkloof)	10,5	10,3	0,2	▲	26,3	22,5	3,9	▲	-0,3	0,0	-0,3	▼	18,3	16,5	1,8	▲	4,0	4,6	-0,6	▼	19	13	5	▲
Koue Bokkeveld	7,8	6,8	1,0	▲	21,4	17,6	3,8	▲	-2,7	-2,9	0,2	▲	14,5	11,8	2,7	▲	2,0	1,8	0,2	▲	90	336	-234	▼
Ladismith**	11,2	10,2	0,9	▲	24,4	19,0	5,3	▲	2,3	1,8	0,5	▲	16,2	14,5	1,7	▲	6,7	6,7	0,0	—	15	21	-6	▼
Misgund (Langkloof)**	8,4	7,7	0,7	▲	23,6	20,8	2,8	▲	-5,4	-4,4	-1,0	▼	16,5	14,3	2,2	▲	1,2	1,4	-0,2	▼	22	34	-12	▼
Montagu	9,8	9,9	-0,1	▼	28,3	21,4	6,9	▲	-1,7	-2,2	0,5	▲	18,3	17,0	1,3	▲	2,7	4,0	-1,3	▼	16	55	-39	▼
Nuy**	9,7	9,7	-0,1	▼	27,2	20,3	6,9	▲	-1,2	-1,7	0,5	▲	17,2	16,3	0,9	▲	2,5	3,8	-1,3	▼	39	123	-84	▼
Piketberg**	9,2	9,0	0,2	▲	25,6	20,8	4,8	▲	-1,3	-0,6	-0,7	▼	15,6	13,2	2,4	▲	3,3	4,6	-1,3	▼	134	384	-250	▼
Robertson**	11,1	8,3	2,8	▲	31,3	21,1	10,2	▲	-0,7	-0,2	-0,5	▼	22,4	16,8	5,6	▲	2,3	1,2	1,1	▲	40	94	-54	▼
Simondium	11,8	10,9	0,9	▲	26,5	19,8	6,8	▲	3,4	2,9	0,6	▲	16,6	14,8	1,8	▲	7,9	7,6	0,3	▲	123	323	-200	▼
Stellenbosch	12,0	11,3	0,7	▲	26,1	22,2	3,9	▲	3,8	0,0	0,0	—	16,6	14,8	1,8	▲	7,8	7,6	0,2	▲	143	328	-185	▼
Tulbagh	10,2	11,1	-0,9	▼	28,2	23,4	4,8	▲	0,8	0,7	0,2	▲	16,9	15,9	1,0	▲	4,6	6,6	-2,0	▼	88	158	-70	▼
Villiersdorp	11,4	11,0	0,4	▲	26,2	19,9	6,3	▲	2,1	0,5	1,6	▲	16,1	15,0	1,1	▲	7,3	7,3	0,0	—	88	332	-244	▼
Vrystaat**	8,4	8,5	-0,1	▼	19,3	23,7	-4,4	▼	-1,6	-3,8	2,2	▲	15,6	18,1	-2,5	▼	2,9	1,0	1,9	▲	20	0	20	▲
Vyeboom**	11,6	11,1	0,5	▲	27,3	24,1	3,2	▲	1,1	0,5	0,6	▲	16,2	14,5	1,7	▲	7,3	7,7	-0,4	▼	118	562	-443	▼
Waterberg	13,0	14,9	-1,9	▼	24,7	27,1	-2,4	▼	0,5	-0,8	1,3	▲	20,6	24,2	-3,6	▼	5,8	5,6	0,2	▲	6	0	6	▲
WBV - Noord	8,9	9,4	-0,5	▼	25,4	19,9	5,5	▲	-0,5	0,0	-0,4	▼	16,3	14,3	2,0	▲	2,3	4,1	-1,8	▼	69	204	-135	▼
WBV – Suid**	8,7	8,8	-0,2	▼	25,5	18,7	6,8	▲	-1,0	0,0	0,0	—	16,5	13,8	2,7	▲	2,5	4,2	-1,7	▼	132	347	-216	▼
Wellington	10,8	11,2	-0,3	▼	28,1	20,8	7,3	▲	2,2	2,4	-0,2	▼	17,9	15,3	2,6	▲	5,5	7,7	-2,2	▼	102	236	-134	▼
Wolseley	10,9	10,7	0,2	▲	27,9	20,3	7,6	▲	0,0	1,1	0,0	—	17,4	15,3	2,1	▲	4,8	5,4	-0,6	▼	148	274	-126	▼



MEAN TEMPERATURE

The mean temperature for July 2025 ranged between 2°C to 16°C. The coastal regions of the Langkloof, City of Cape Town and Overberg regions exhibited higher mean temperatures compared to other regions.

Compared to the long-term mean, most of the Cape experienced a decrease in mean temperature for July 2025. However, northern parts of the Langkloof experienced a slight increase.





Rainfall

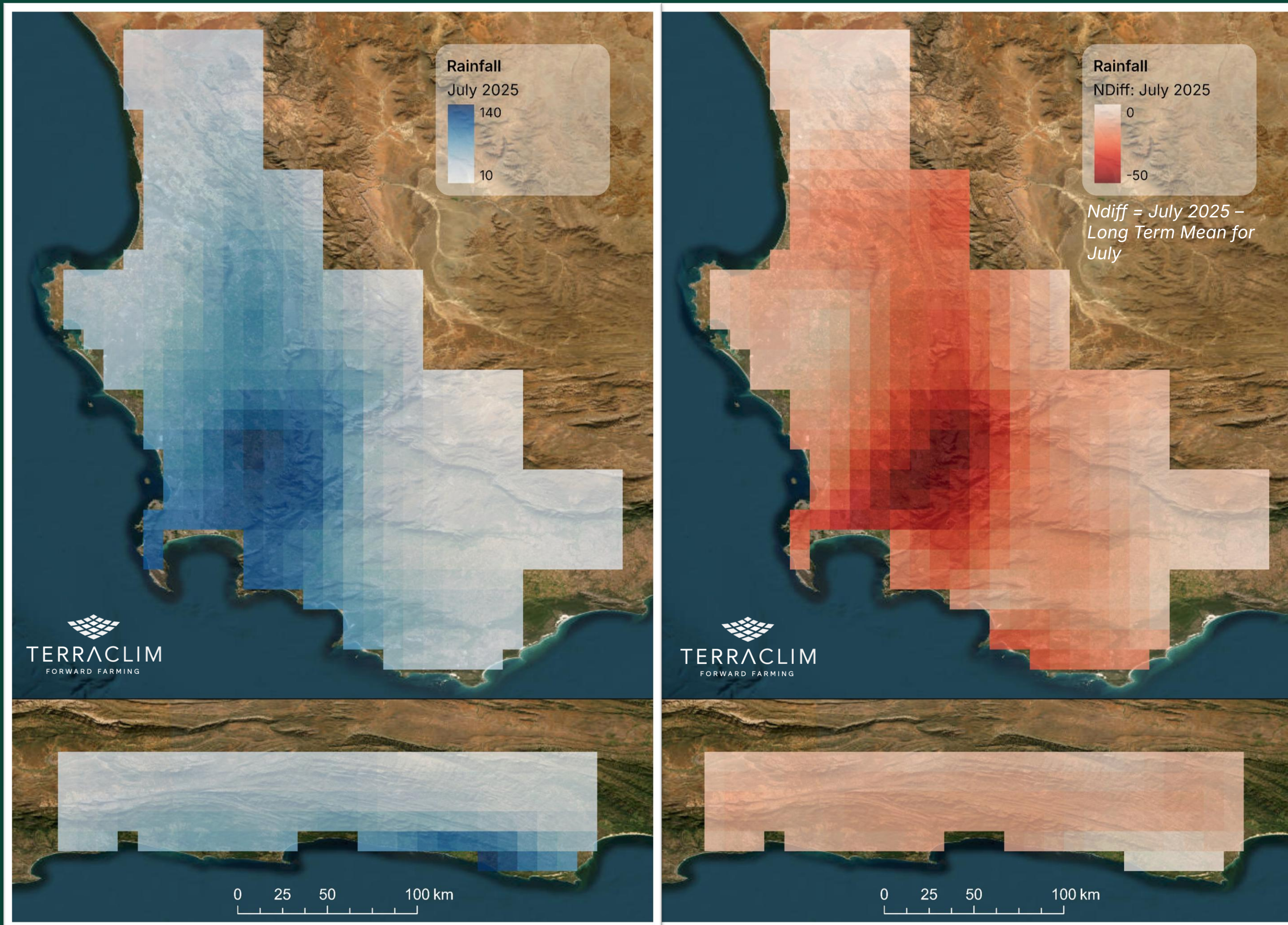




RAINFALL

The total rainfall for July 2025 ranged between 10 – 140 mm across the Cape. This was mostly concentrated over the Cape Winelands and eastern coast of the Langkloof.

Compared to the long-term average, the Cape received less rainfall this July (~20 mm) with the Winelands, Cederberg and Overberg regions receiving even less (~45 mm).



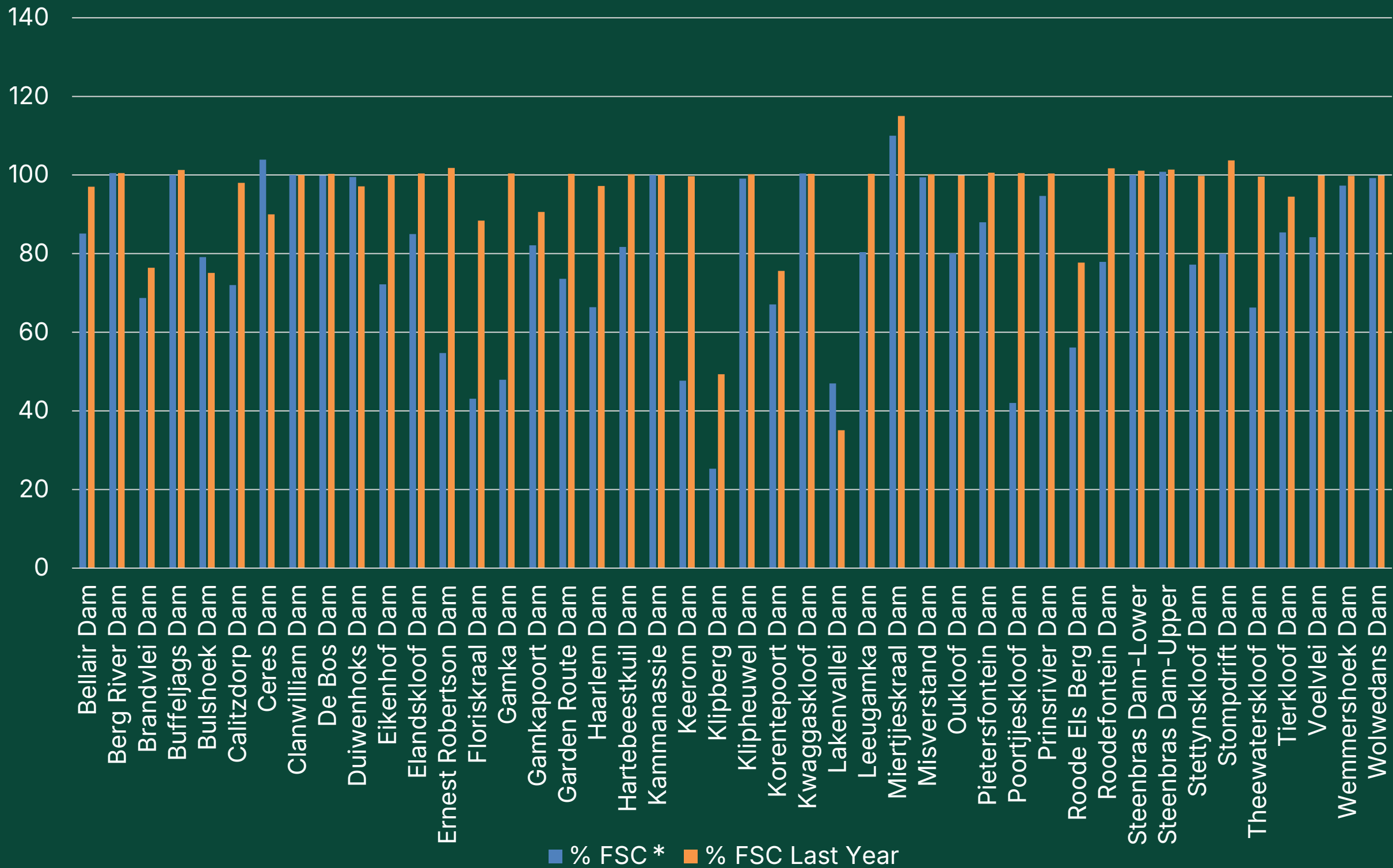
Current Level:

79% as of July 31st, 2025.

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

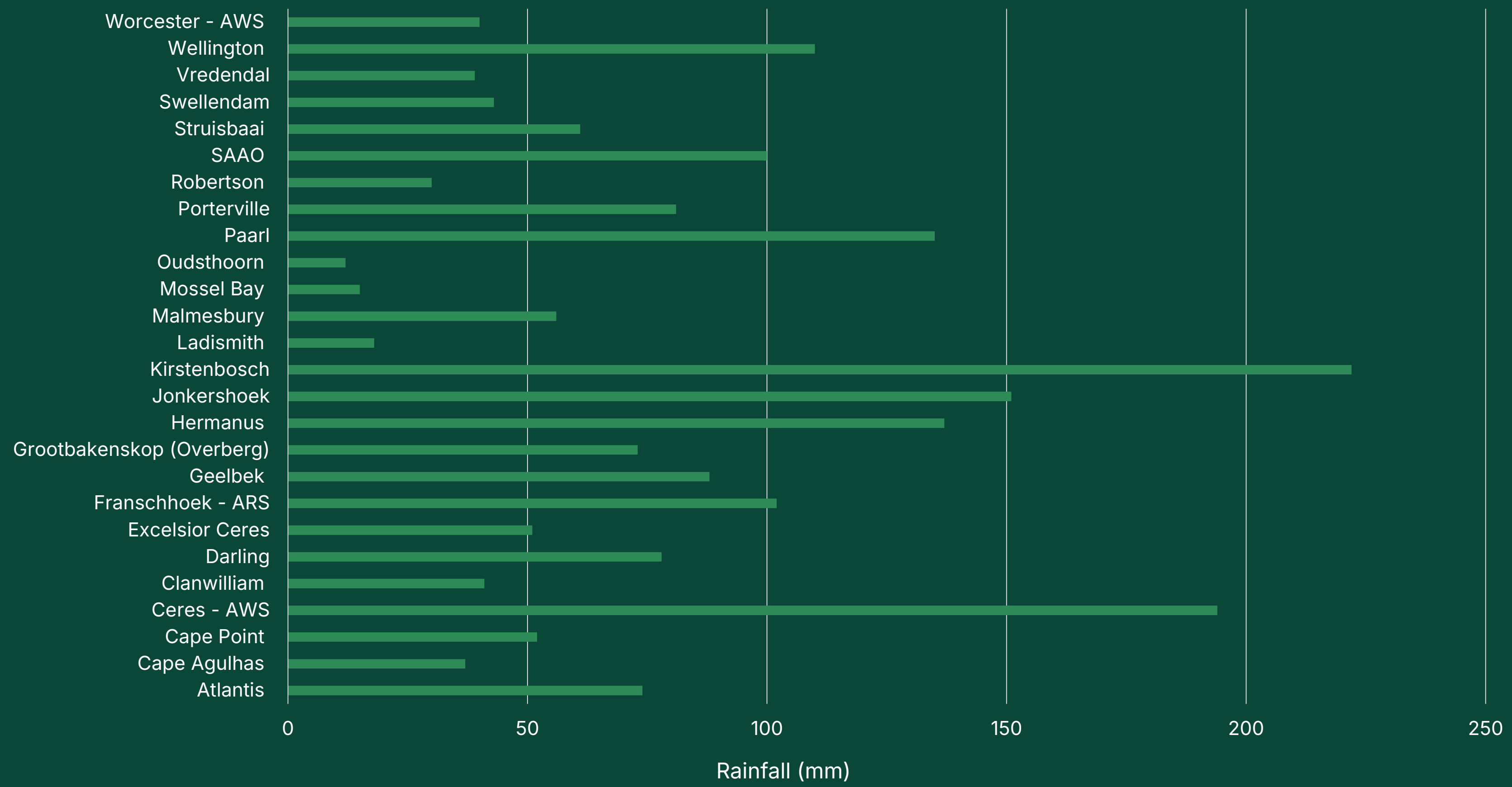


State of Western Cape Dams



*FULL SUPPLY CAPACITY

TerraClim | July Rainfall update from SAWS





Heat Units and Growing Degree Days

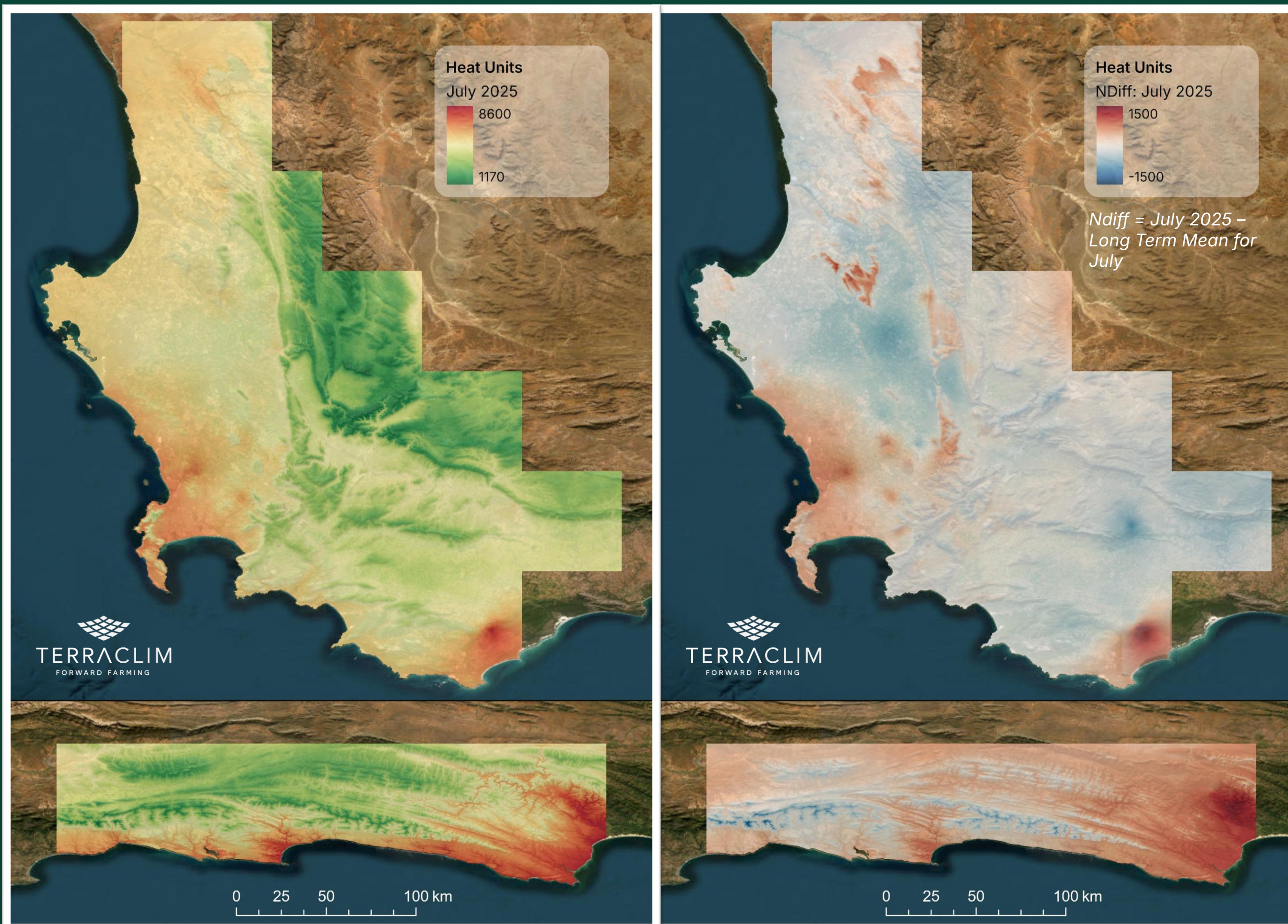


MONTHLY HEAT UNITS (HU) & GROWING DEGREE DAYS (GDD) for 1 - 31 JULY: 2024/25

** Different station than 2024's report



Area	GDD				HEAT UNITS			
	2024	2025	2024 vs 2025		2024	2025	2024 vs 2025	
Avontuur (Langkloof)	-76	-42	34	▲	717	1270	553	▲
Elgin	9	-7	-16	▼	1193	1338	145	▲
Ermelo	-6	-30	-24	▼	2029	1360	-669	▼
Franschhoek	44	78	35	▲	1408	2087	679	▲
Greyton	41	32	-9	▼	1666	1872	206	▲
Joubertina (Langkloof)	17	37	20	▲	1547	1933	386	▲
Koue Bokkeveld	-99	-80	19	▲	364	703	339	▲
Ladismith**	18	45	27	▲	1104	1820	716	▲
Misgund (Langkloof)**	-68	-36	31	▲	885	1406	521	▲
Montagu	15	16	1	▲	1463	1785	322	▲
Nuy**	1	-5	-6	▼	1364	1572	208	▲
Piketberg**	-33	-17	16	▲	700	1306	605	▲
Robertson**	-31	73	105	▲	1254	2510	1256	▲
Simondium	38	69	32	▲	1216	1844	628	▲
Stellenbosch	38	69	31	▲	1457	2035	578	▲
Tulbagh	39	22	-17	▼	1663	1601	-62	▼
Villiersdorp	35	52	17	▲	1432	1708	276	▲
Vrystaat**	-13	-24	-11	▼	1664	1041	-623	▼
Vyeboom**	35	54	19	▲	1517	1976	459	▲
Waterberg	153	100	-53	▼	4280	2975	-1305	▼
WBV - Noord	-25	-23	2	▲	909	1207	299	▲
WBV – Suid**	-30	-16	14	▲	724	1217	494	▲
Wellington	47	53	6	▲	1396	1700	304	▲
Wolseley	12	34	23	▲	1262	1722	460	▲

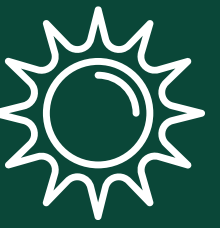


HEAT UNITS (JULY 2025)



The HU ranged between 1170 and 8600. The coastal and low lying regions were warmer and accumulated more HU, specifically the City of Cape Town, Overberg and eastern Langkloof.

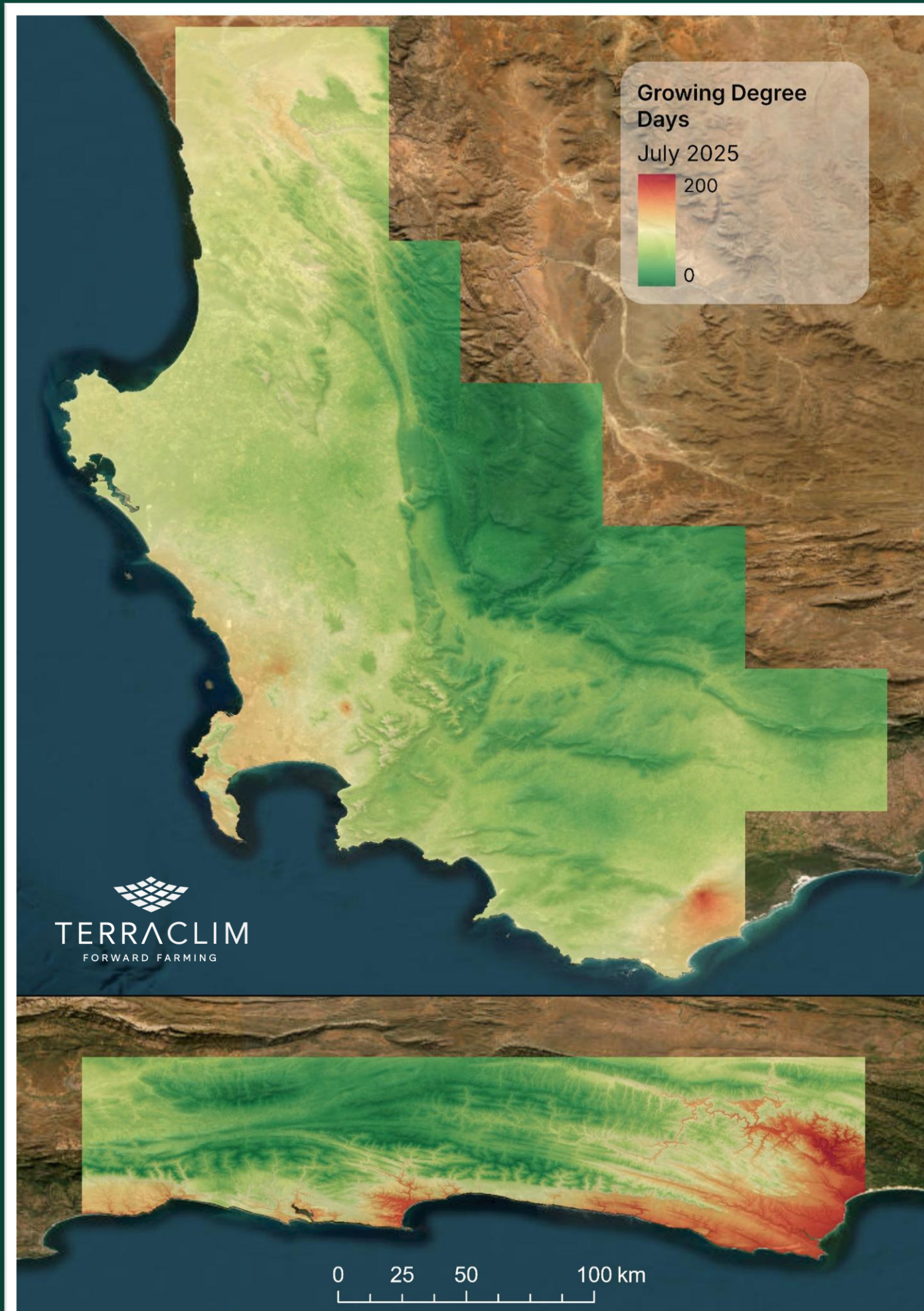
The Cape experienced cooler conditions this July with an average decrease of ~60 HU, while the Langkloof experienced an increase (~250 HU).



GROWING DEGREE DAYS (JULY 2025)

The growing days ranged between 0 – 200 GDD in July. The coastal areas and particularly the City of Cape Town, Overberg and eastern Langkloof experienced more growing days.

Compared to the long-term mean, majority of the Cape received fewer growing days (~3 GDD) while the Langkloof received more (~4 GDD).





CHILL MODELS

HORTGRO

Growing Fruit IQ



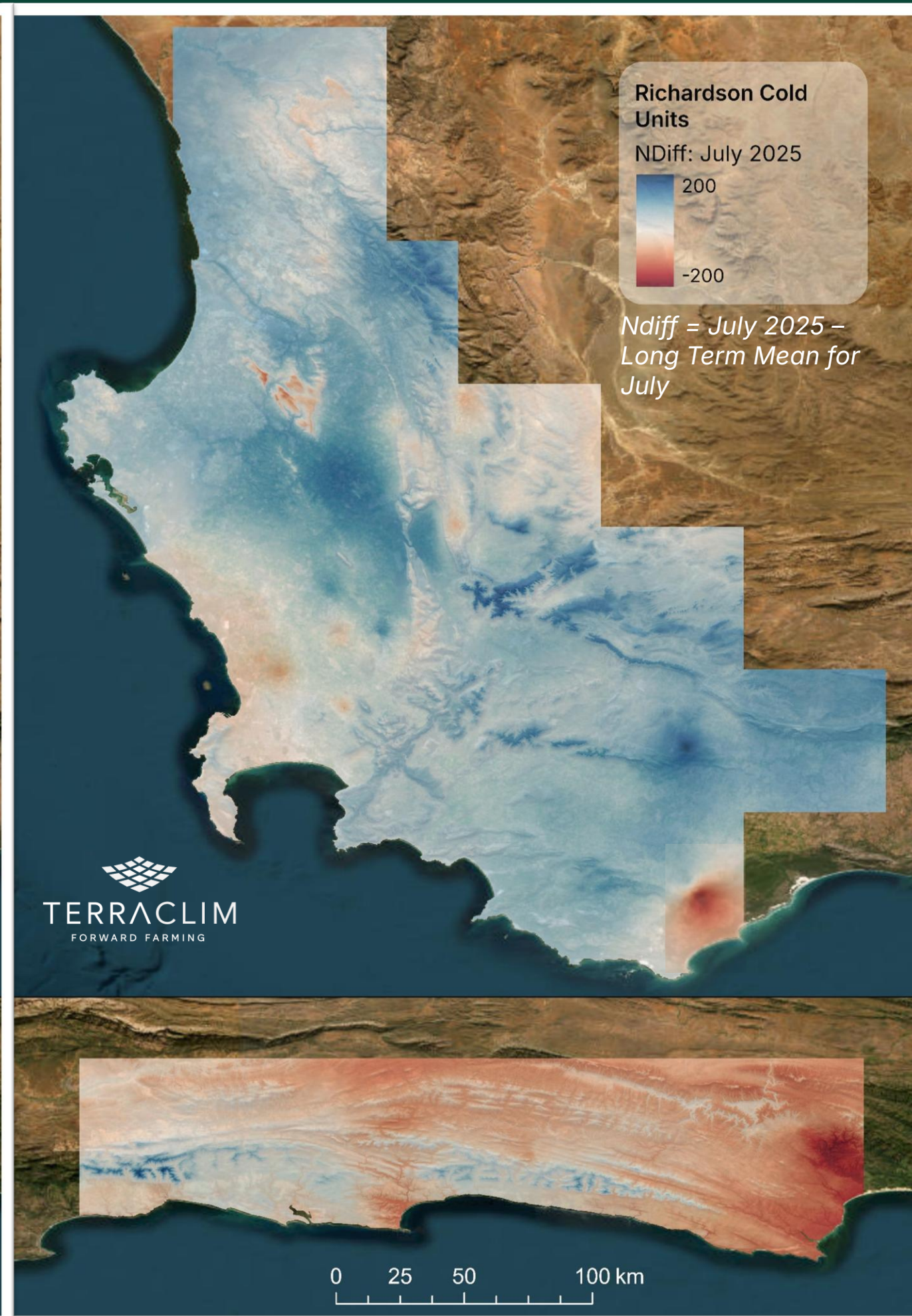
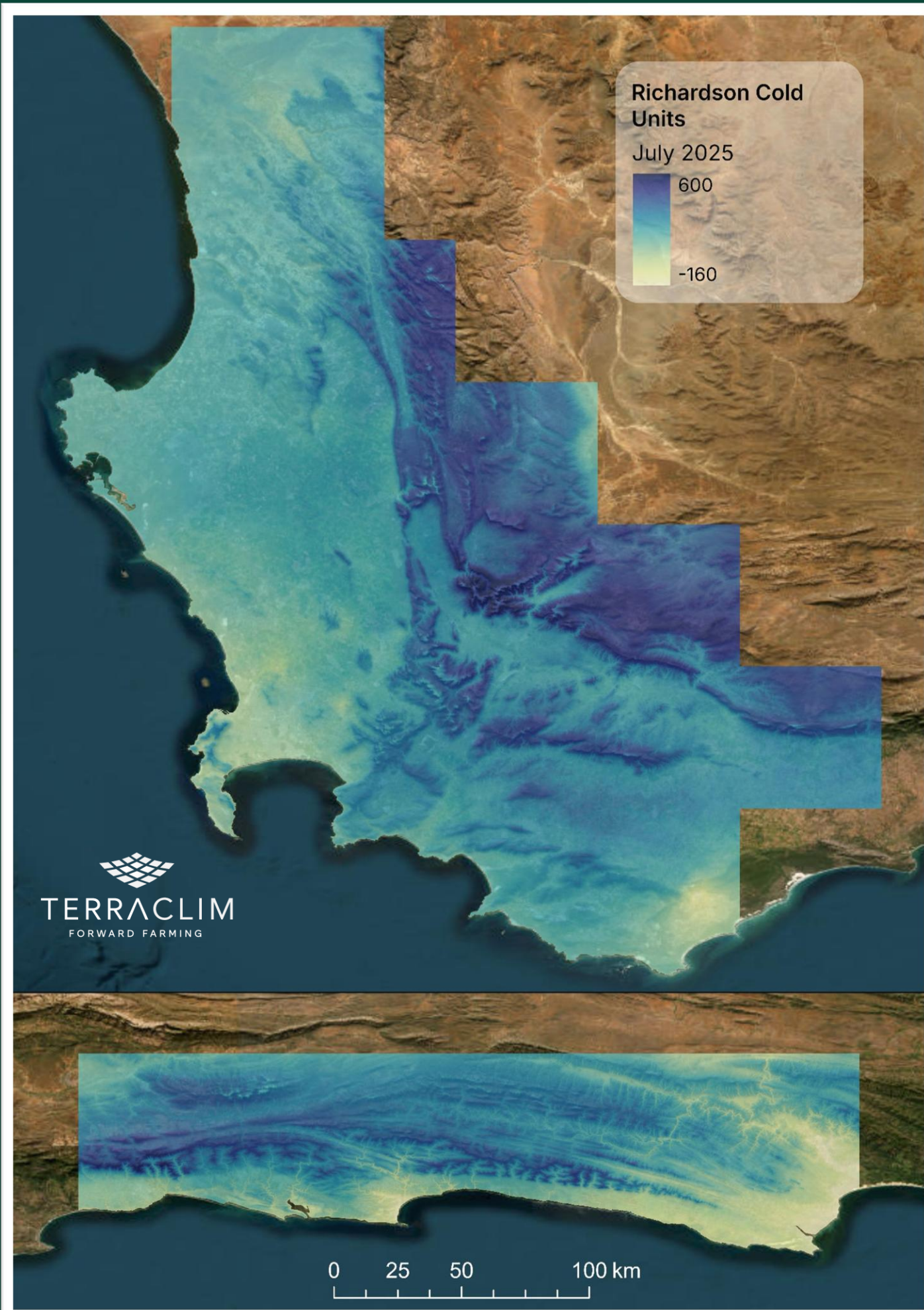


ACCUMULATED RICHARDSON COLD UNITS TO DATE: JULY 2022 - 2025

** Different station than 2024's report

Area	Start Date* 2022	RICH (2022)	Start Date* 2023	RICH (2023)	Start Date* 2024	RICH (2024)	Start Date* 2025	RICH (2025)	RICH (25 vs. 24)	
Avontuur (Langkloof)	29 Mar 2022	855	25 Mar 2023	1177	06 May 2024	761	12 Apr 2025	857	96	▲
Elgin	18 Apr 2022	574	07 Apr 2023	738	07 May 2024	627	12 Apr 2025	725	98	▲
Ermelo	06 Apr 2022	997	07 May 2023	714	26 Apr 2024	536	16 Apr 2025	796	260	▲
Franschhoek	13 Jun 2022	231	15 May 2023	455	30 Jun 2024	309	19 May 2025	367	58	▲
Greyton	18 May 2022	414	10 May 2023	528	30 May 2024	371	19 May 2025	393	22	▲
Joubertina (Langkloof)	21 Apr 2022	327	11 May 2023	706	30 May 2024	452	29 Apr 2025	565	113	▲
Koue Bokkeveld	29 Mar 2022	873	07 Apr 2023	1309	03 May 2024	954	12 Apr 2025	977	977	▲
Ladismith**	13 Jun 2022	341	11 May 2023	776	30 May 2024	489	19 May 2025	478	-11	▼
Misgund (Langkloof)**	04 Apr 2022	735	25 Mar 2023	994	06 May 2024	714	12 Apr 2025	773	59	▲
Montagu	19 May 2022	413	07 May 2023	597	25 May 2024	482	30 Apr 2025	479	-3	▼
Nuy**	13 Jun 2022	113	27 Apr 2023	620	30 May 2024	497	29 Apr 2025	600	103	▲
Piketberg**	19 Apr 2022	648	07 Apr 2023	984	03 May 2024	758	28 Apr 2025	843	85	▲
Robertson**	12 Jun 2022	217	02 May 2023	412	21 May 2024	473	19 May 2025	301	-172	▼
Simondium	12 Jun 2022	236	15 May 2023	670	30 Jun 2024	335	30 May 2025	453	118	▲
Stellenbosch	02 Jul 2022	184	14 May 2023	398	30 Jun 2024	296	30 May 2025	379	83	▲
Tulbagh	23 Apr 2022	437	28 Apr 2023	624	25 May 2024	422	30 Apr 2025	622	200	▲
Villiersdorp	18 May 2022	295	10 May 2023	541	29 May 2024	342	30 May 2025	440	98	▲
Vrystaat**	05 Apr 2022	1171	03 May 2023	962	11 May 2024	621	14 Apr 2025	1037	416	▲
Vyeboom**	22 May 2022	322	10 May 2023	487	30 May 2024	457	01 May 2025	369	-88	▼
Waterberg	31 May 2022	134	10 Jun 2023	152	03 Jun 2024	77	21 May 2025	207	130	▲
WBV - Noord	22 Apr 2022	626	19 Apr 2023	881	04 May 2024	709	01 May 2025	789	80	▲
WBV – Suid**	04 May 2022	562	07 Apr 2023	923	04 May 2024	786	01 May 2025	774	-12	▼
Wellington	26 May 2022	325	15 May 2023	515	30 May 2024	361	01 May 2025	573	212	▲
Wolseley	18 May 2022	398	30 Apr 2023	621	29 May 2024	414	18 May 2025	643	229	▲

*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.



RICHARDSON COLD UNITS (JULY 2025)



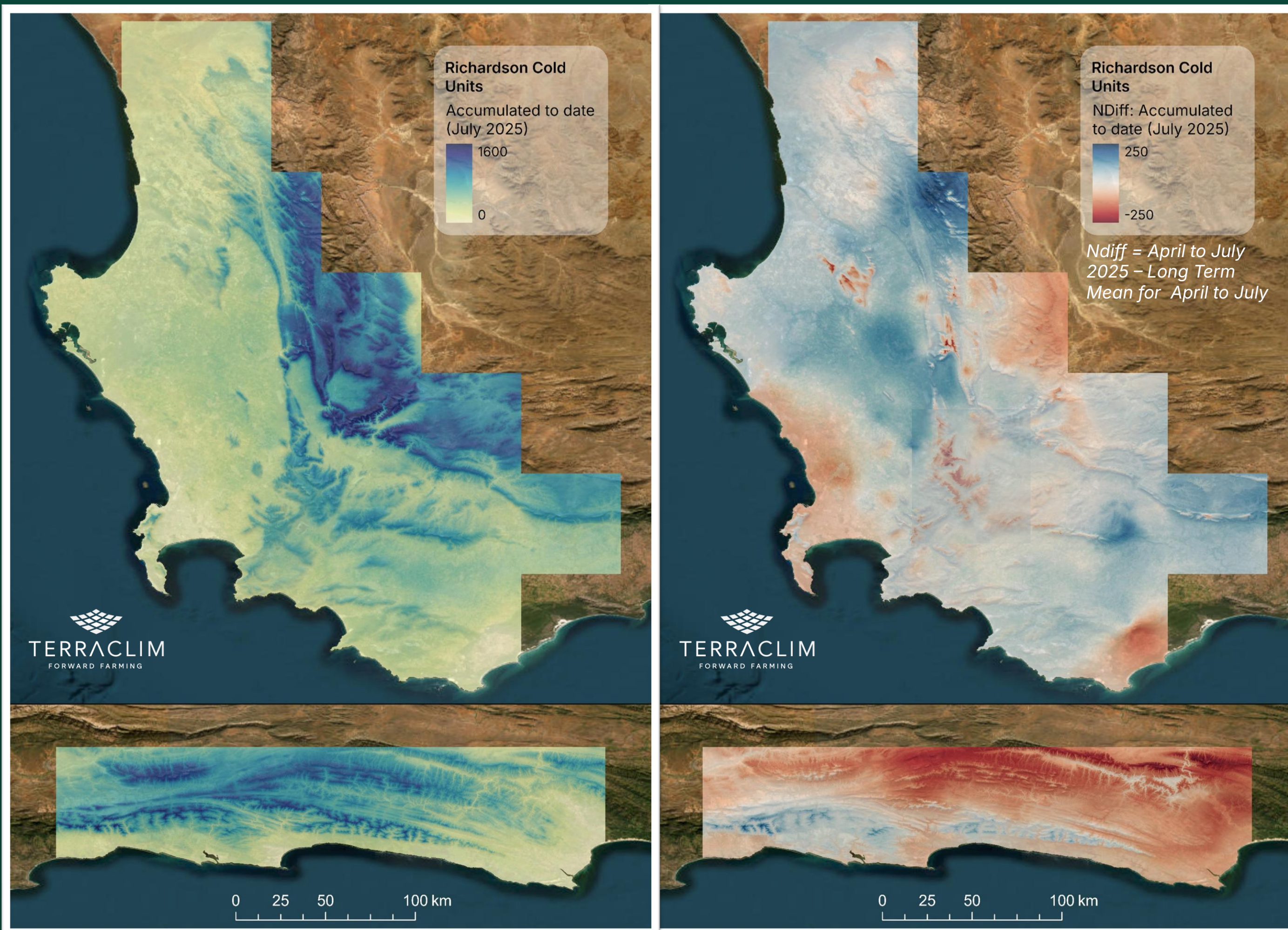
The Richardson cold units (CU) for July 2025 ranged between -160 to 600 CU.

On average, the Cape accumulated 285 CU with the coastal areas accumulating slightly less. Compared to the long-term mean, majority of the Cape was cooler this July, accumulating more chill (~10 CU) while eastern parts of the Langkloof were warmer and accumulated less chill.



ACCUMULATED RICHARDSON COLD UNITS TO DATE (JULY 2025)

The accumulated Richardson cold units (CU) to date (July 2025) ranged between 0 to 1600 CU. On average, the Cape accumulated 550 CU with the coastal areas accumulating less. Compared to the long-term mean, majority of the Cape was cooler, accumulating more chill (~30 CU) while eastern parts of the Langkloof were warmer and accumulated less chill.





ACCUMULATED INFRUITEC COLD UNITS TO DATE: JULY 2022 - 2025

** Different station than 2024's report

Area	Start Date* 2022	INF (2022)	Start Date* 2023	INF (2023)	Start Date* 2024	INF (2024)	Start Date* 2025	INF (2025)	INF (25 vs. 24)
Avontuur (Langkloof)	29 Mar 2022	1024	25 Mar 2023	1262	06 May 2024	812	12 Apr 2025	951	139 ▲
Elgin	18 Apr 2022	683	07 Apr 2023	812	07 May 2024	662	12 Apr 2025	787	125 ▲
Ermelo	06 Apr 2022	1016	07 May 2023	723	26 Apr 2024	553	16 Apr 2025	812	259 ▲
Franschhoek	13 Jun 2022	281	15 May 2023	495	30 Jun 2024	314	19 May 2025	446	132 ▲
Greyton	18 May 2022	539	10 May 2023	603	30 May 2024	456	19 May 2025	484	28 ▲
Joubertina (Langkloof)	04 Apr 2022	564	11 May 2023	730	30 May 2024	497	29 Apr 2025	619	122 ▲
Koue Bokkeveld	29 Mar 2022	733	07 Apr 2023	1331	03 May 2024	983	12 Apr 2025	1064	1064 ▲
Ladismith**	13 Jun 2022	472	11 May 2023	844	30 May 2024	598	19 May 2025	669	71 ▲
Misgund (Langkloof)**	04 Apr 2022	856	25 Mar 2023	1103	06 May 2024	753	12 Apr 2025	844	91 ▲
Montagu	19 May 2022	470	07 May 2023	635	25 May 2024	515	30 Apr 2025	556	41 ▲
Nuy**	13 Jun 2022	210	27 Apr 2023	669	30 May 2024	524	29 Apr 2025	663	139 ▲
Piketberg**	19 Apr 2022	714	07 Apr 2023	1028	03 May 2024	807	28 Apr 2025	889	82 ▲
Robertson**	12 Jun 2022	277	02 May 2023	496	21 May 2024	540	19 May 2025	363	-177 ▼
Simondium	12 Jun 2022	315	15 May 2023	700	30 Jun 2024	338	30 May 2025	488	150 ▲
Stellenbosch	02 Jul 2022	224	14 May 2023	489	30 Jun 2024	305	30 May 2025	440	135 ▲
Tulbagh	23 Apr 2022	571	28 Apr 2023	647	25 May 2024	477	30 Apr 2025	684	207 ▲
Villiersdorp	18 May 2022	510	10 May 2023	625	29 May 2024	446	30 May 2025	516	70 ▲
Vrystaat**	05 Apr 2022	1187	03 May 2023	966	11 May 2024	633	14 Apr 2025	1048	415 ▲
Vyeboom**	27 Jun 2022	258	10 May 2023	548	30 May 2024	487	01 May 2025	535	48 ▲
Waterberg	31 May 2022	175	10 Jun 2023	199	03 Jun 2024	119	21 May 2025	248	129 ▲
WBV - Noord	22 Apr 2022	695	19 Apr 2023	917	04 May 2024	740	01 May 2025	816	76 ▲
WBV – Suid**	24 May 2022	499	07 Apr 2023	968	04 May 2024	797	01 May 2025	789	-8 ▼
Wellington	26 May 2022	373	15 May 2023	539	30 May 2024	403	01 May 2025	622	219 ▲
Wolseley	18 May 2022	472	30 Apr 2023	647	29 Apr 2024	480	18 May 2025	678	198 ▲

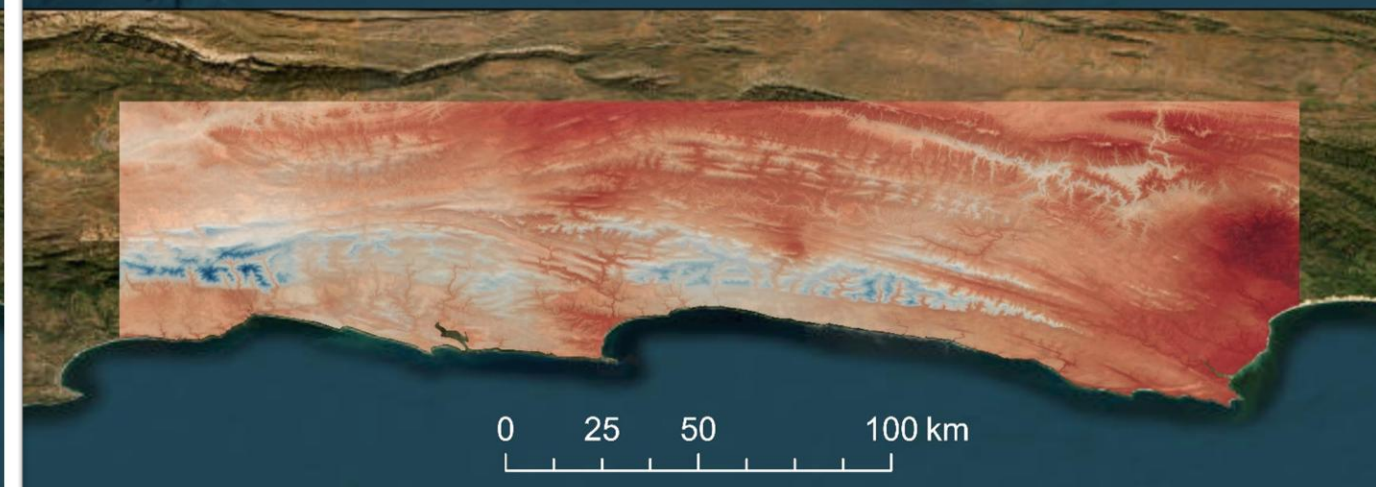
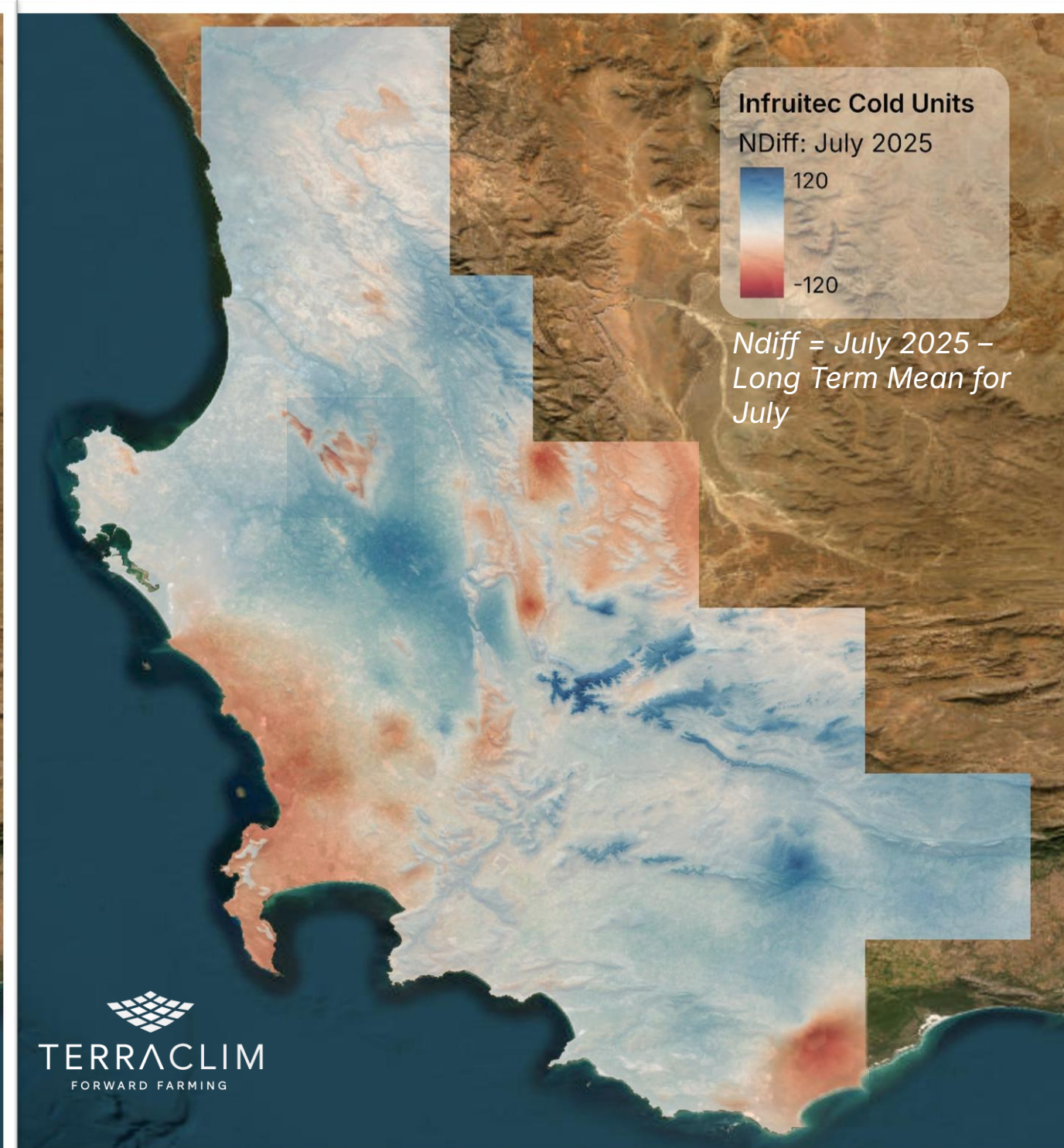
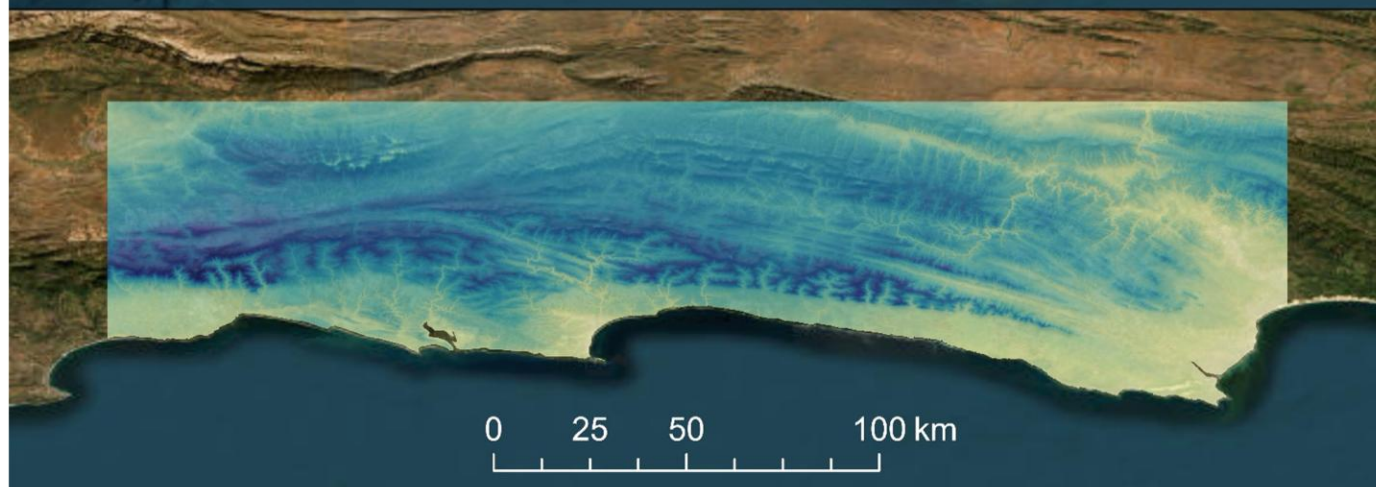
*Chill units should be counted from the lowermost inflection point, i.e., the lowermost or most negative turning point, of the annual accumulated chill unit curve.



INFRUITEC COLD UNITS (JULY 2025)

The Infruitec cold units (CU) in July 2025 ranged between 10 - 650 CU.

On average, the Cape received 306 CU with the coastal areas accumulating less. Compared to the long-term mean, majority of the Cape was cooler, accumulating more chill (~5 CU) while the City of Cape Town, Overberg and eastern parts of the Langkloof were warmer and accumulated less chill.

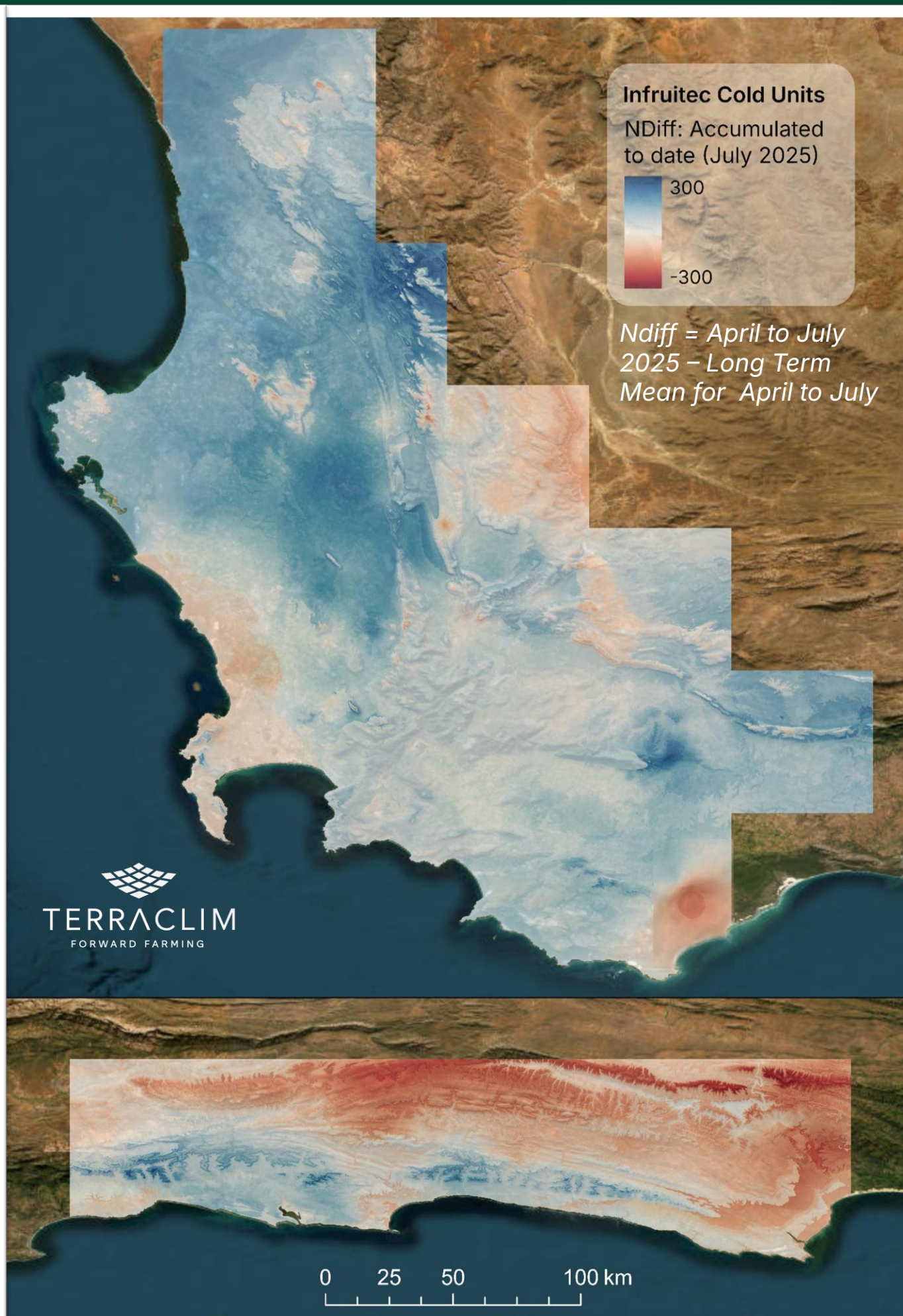
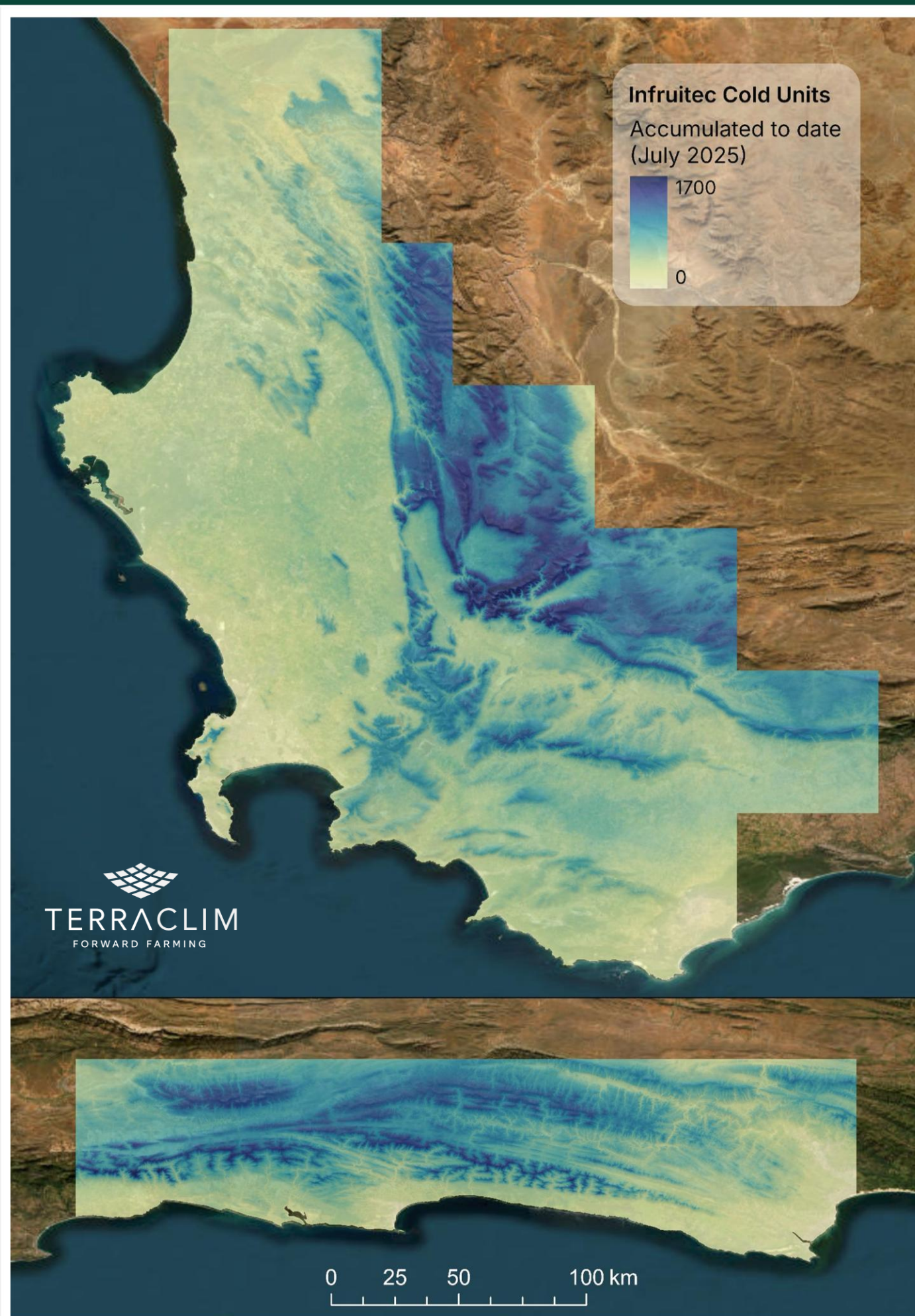




ACCUMULATED INFRUITEC COLD UNITS TO DATE (JULY 2025)

The accumulated Infruitec cold units (CU) to date (July 2025) ranged between 0 and 1700 CU. On average, the Cape accumulated 600 CU with the coastal areas and City of Cape Town accumulating fewer.

The majority of the Cape was cooler during this period, accumulating more chill (~35 CU) while the northern Langkloof was warmer and accumulated less chill.





ACCUMULATED CHILL PORTIONS TO DATE: JULY 2022 - 2025

** Different station than 2024's report

Area	Start Date* 2022	CP ¹ (2022)	Start Date* 2023	CP ¹ (2023)	Start Date* 2024	CP ¹ (2024)	Start Date* 2025	CP ¹ (2025)	INF (25 vs. 24)	
Avontuur (Langkloof)	14 Mar 2022	58	26 Mar 2023	66	14 Mar 2024	46	27 Mar 2025	53	7	▲
Elgin	06 May 2022	38	08 Apr 2023	49	09 May 2024	34	14 Apr 2025	46	12	▲
Ermelo	05 Apr 2022	58	28 Mar 2023	45	07 Apr 2024	37	18 Apr 2025	48	11	▲
Franschhoek	07 Apr 2022	23	12 May 2023	33	02 Jun 2024	22	02 May 2025	30	8	▲
Greyton	08 Apr 2022	39	09 Apr 2023	36	31 May 2024	26	01 May 2025	36	10	▲
Joubertina (Langkloof)	15 Mar 2022	30	10 Apr 2023	43	25 May 2024	27	15 Apr 2025	36	9	▲
Koue Bokkeveld	05 Apr 2022	54	12 Mar 2023	67	07 Apr 2024	48	26 Mar 2025	56	56	▲
Ladismith**	07 Apr 2022	39	27 Mar 2023	53	07 Apr 2024	40	15 Apr 2025	40	0	▲
Misgund (Langkloof)**	14 Mar 2022	50	27 Mar 2023	60	06 Mar 2024	45	27 Mar 2025	49	4	▲
Montagu	16 Apr 2022	28	22 Apr 2023	35	27 May 2024	29	02 May 2025	34	5	▲
Nuy**	25 Apr 2022	21	21 Apr 2023	40	12 May 2024	27	04 May 2025	37	10	▲
Piketberg**	06 Apr 2022	39	09 Apr 2023	55	10 May 2024	34	03 May 2025	43	9	▲
Robertson**	08 Apr 2022	36	09 Apr 2023	41	24 Mar 2024	46	11 May 2025	17	-29	▼
Simondium	07 Apr 2022	27	12 May 2023	41	11 May 2024	29	01 May 2025	32	3	▲
Stellenbosch	25 Apr 2022	27	18 May 2023	30	11 May 2024	25	02 May 2025	30	5	▲
Tulbagh	07 Apr 2022	33	21 Apr 2023	40	31 May 2024	27	02 May 2025	34	7	▲
Villiersdorp	07 Apr 2022	34	31 Mar 2023	42	09 May 2024	28	12 Apr 2025	37	9	▲
Vrystaat**	22 Mar 2022	62	11 Apr 2023	49	07 Apr 2024	37	16 Apr 2025	51	14	▲
Vyeboom**	7 Apr 2022	33	08 Apr 2023	41	09 May 2024	29	01 May 2025	33	4	▲
Waterberg	04 Jun 2022	11	17 May 2023	12	04 Jun 2024	6	25 May 2025	15	9	▲
WBV - Noord	25 Apr 2022	37	21 Apr 2023	50	11 May 2024	34	01 May 2025	44	10	▲
WBV – Suid**	19 Apr 2022	37	10 Apr 2023	50	09 May 2024	36	01 May 2025	43	7	▲
Wellington	14 May 2022	24	19 May 2023	33	11 May 2024	25	01 May 2025	36	11	▲
Wolseley	25 Apr 2022	32	22 Apr 2023	40	12 May 2024	27	22 Apr 2025	44	17	▲

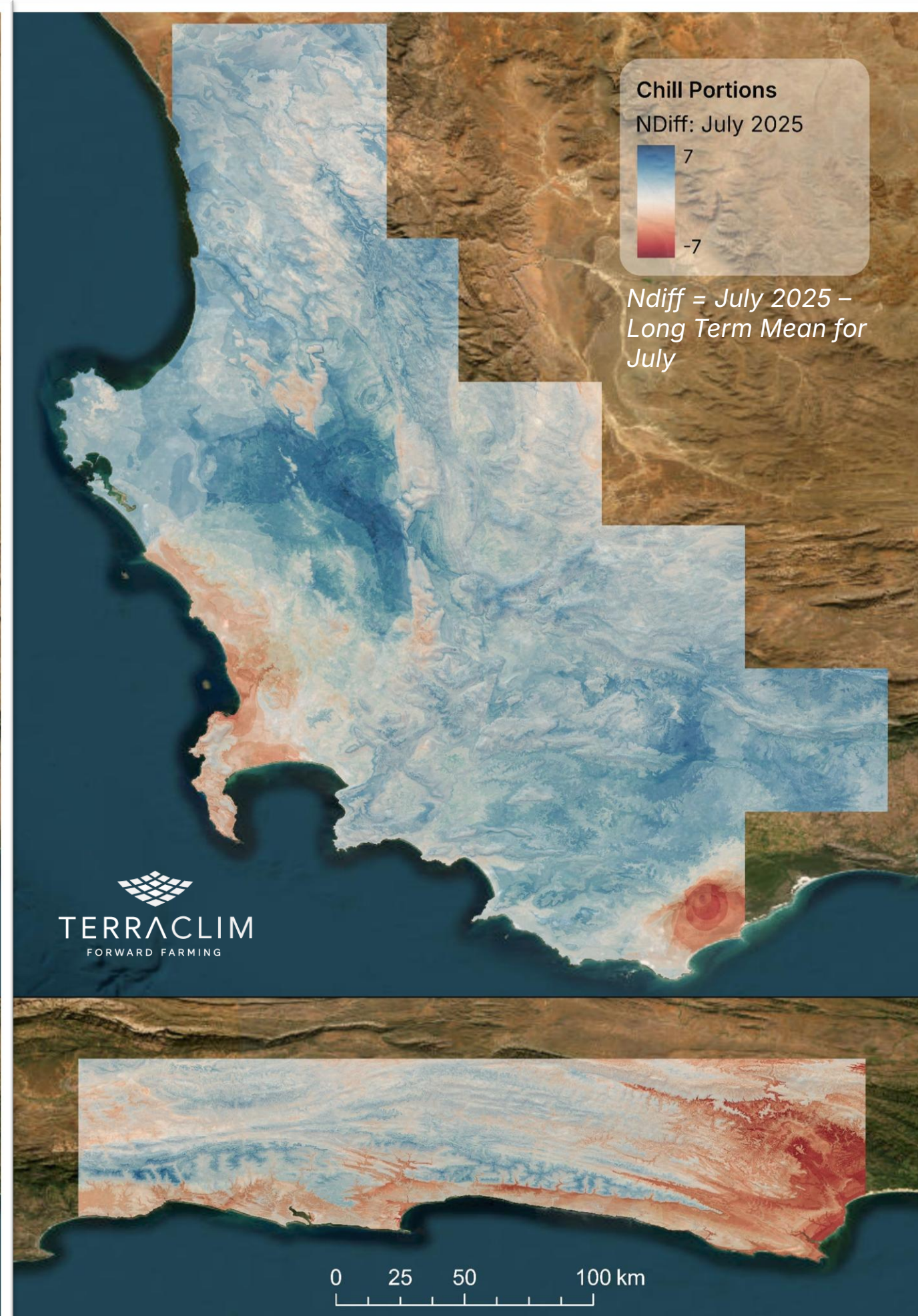
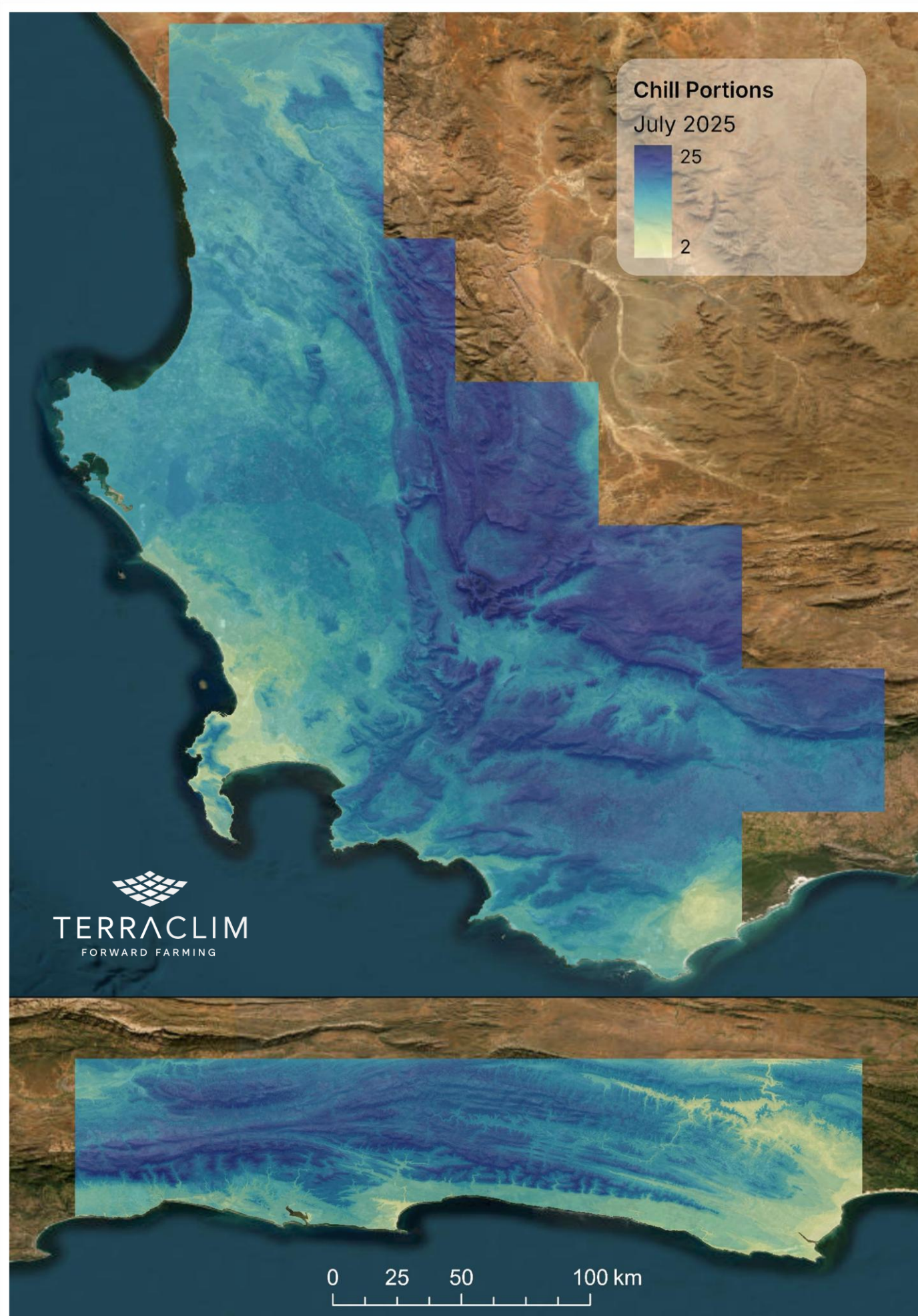
CP¹ = Chill portions according to the dynamic model (Fishman *et al.*, 1987)

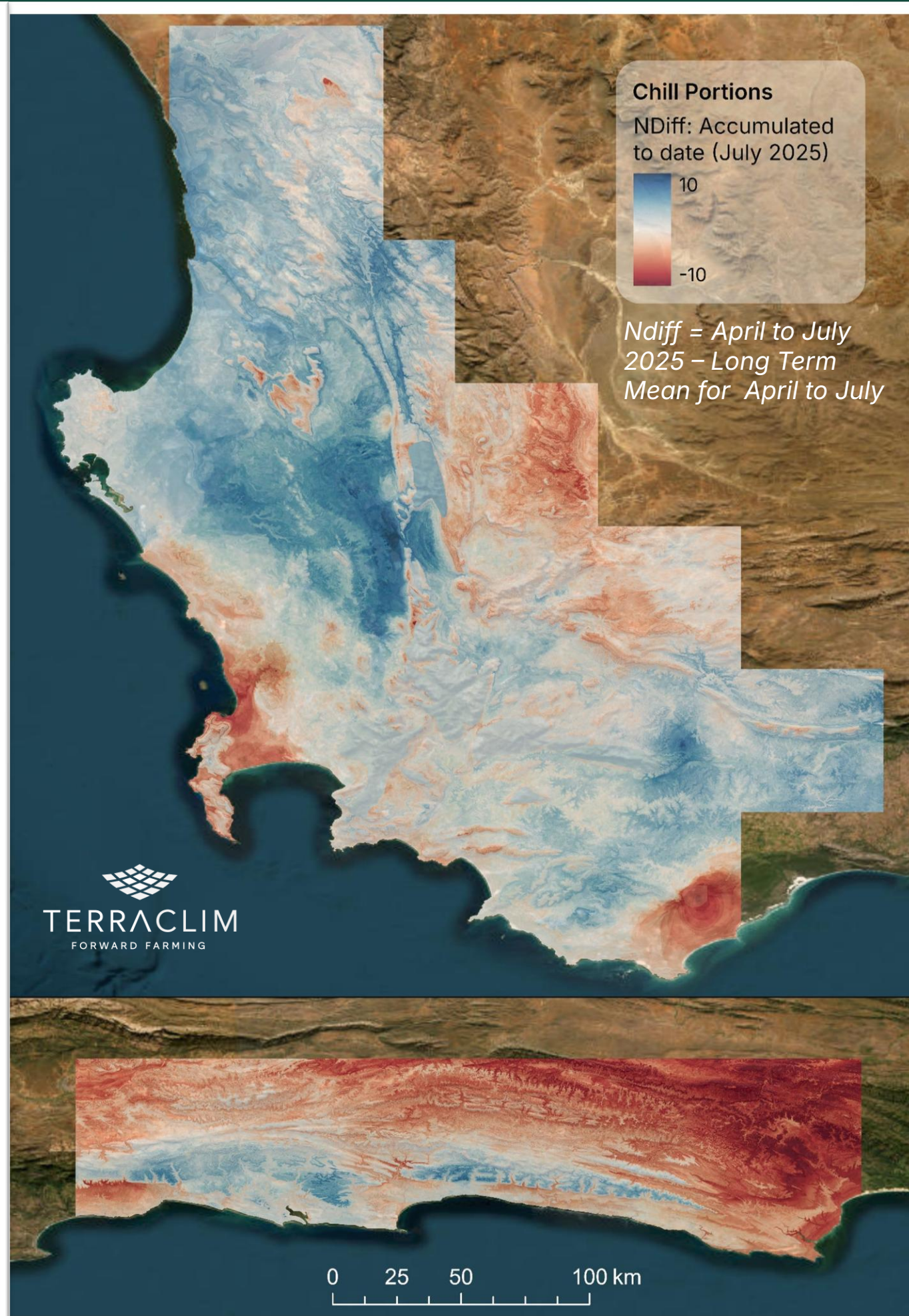
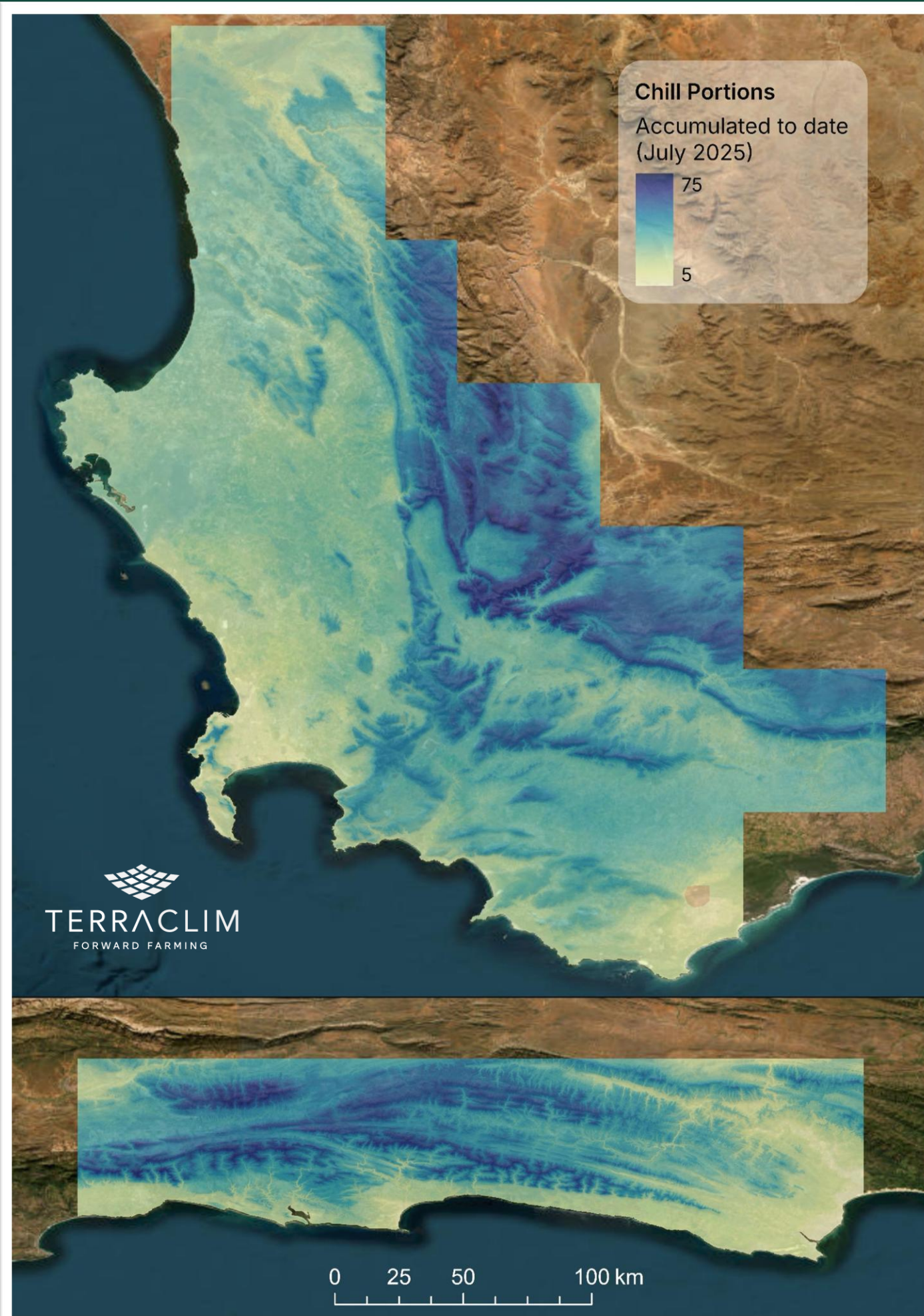
CHILL PORTIONS (JULY 2025)



The Chill Portions (CP) in July 2025 ranged between 2 - 25 CP.

On average, the Cape received 16 CP with the City of Cape Town and Overberg regions receiving less. Compared to the long-term mean, majority of the Cape was cooler, accumulating more chill (~2 CP) while the City of Cape Town, Overberg and eastern parts of the Langkloof were warmer and accumulated less chill.





CHILL PORTIONS (APRIL – JULY)



The accumulated Chill Portions (CP) to date (July 2025) ranged between 5 to 75 CP. On average, the Cape received 35 CP with the coastal regions receiving less chill.

Compared to the long-term mean, majority of the Cape was cooler, accumulating more chill (~2 CP). Inland Langkloof and the mountainous areas of the Cape Winelands were warmer during this period, accumulating less chill than normal.

Stations used in this report (1 - 31 July): 2024/25

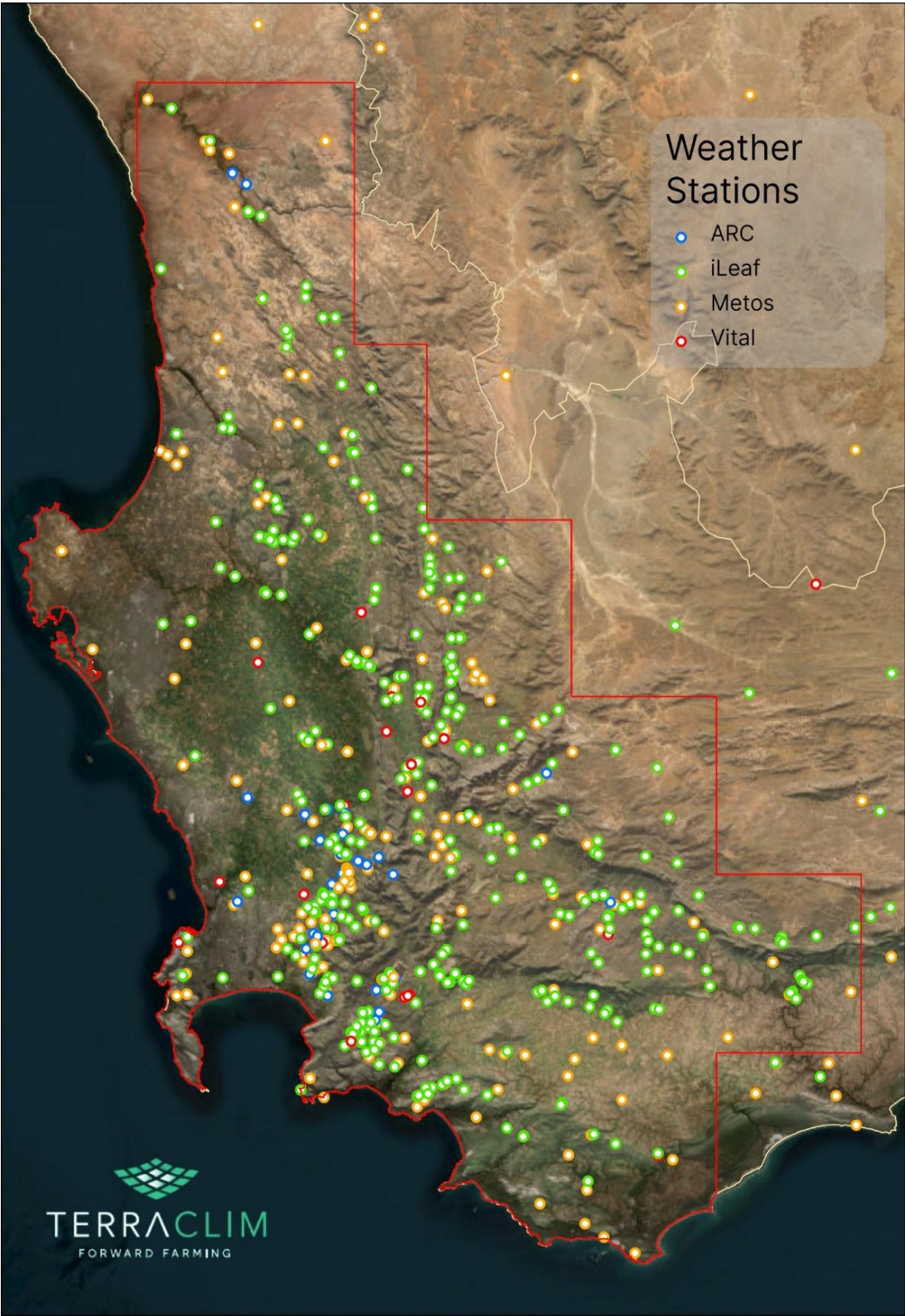
** Different stations than 2024's report



Area	Station (2025)
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	Derdeheuwel/Baden
Nuy**	La Motte Rivier
Piketberg**	Moutons Valley
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

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

