



Seasonal Snapshot | Updates and Insights

November 2024



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November 2024

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 November 2024

Cumulative HU and GDD from July – November 2024



Temperature



TEMPERATURE & RAINFALL FOR 1 NOVEMBER – 30 NOVEMBER: 2023/24

** Different station than 2023's report



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	14,4	16,6	-2,1	▼	28,7	35,0	-6,3	▼	3,7	0,5	3,3	▲	20,8	24,5	-3,7	▼	8,5	8,8	-0,3	▼	83	2	81	▲
Elgin**	17,0	18,1	-1,2	▼	28,9	34,3	-5,5	▼	7,8	8,5	-0,8	▼	22,2	24,2	-2,0	▼	13,0	13,3	-0,3	▼	31	10	22	▲
Ermelo**	19,0	18,8	0,2	▲	31,5	30,1	1,4	▲	10,1	6,2	4,0	▲	25,5	25,2	0,3	▲	13,6	13,1	0,5	▲	35	65	-30	▼
Franschhoek	20,2	21,0	-0,8	▼	31,9	38,2	-6,3	▼	10,4	10,3	0,1	▲	26,6	28,1	-1,5	▼	15,1	14,8	0,3	▲	17	24	-7	▼
Greyton**	18,5	20,3	-1,7	▼	33,3	39,2	-5,9	▼	7,6	8,7	-1,1	▼	25,8	29,6	-3,8	▼	13,0	13,0	0,0	—	12	2	9	▲
Joubertina	17,0	18,6	-1,6	▼	32,4	37,3	-4,9	▼	4,7	5,3	-0,6	▼	23,7	27,1	-3,4	▼	10,7	10,5	0,2	▲	81	3	79	▲
Koue Bokkeveld**	16,8	17,5	-0,8	▼	29,3	33,2	-3,9	▼	1,5	5,0	-3,5	▼	23,6	24,9	-1,3	▼	8,5	9,3	-0,8	▼	3	14	-11	▼
Ladismith**	18,1	20,5	-2,5	▼	33,4	36,7	-3,3	▼	6,6	9,3	-2,6	▼	25,1	28,1	-3,0	▼	12,2	13,6	-1,4	▼	13	0	13	▲
Misgund	15,3	16,9	-1,5	▼	27,8	35,3	-7,5	▼	4,6	4,7	-0,1	▼	20,8	23,9	-3,1	▼	10,1	9,9	0,2	▲	121	11	110	▲
Montagu	19,5	21,5	-2,0	▼	34,5	40,0	-5,5	▼	7,4	8,0	-0,6	▼	27,4	30,7	-3,3	▼	12,9	12,6	0,3	▲	28	1	27	▲
Nuy**	19,2	20,9	-1,7	▼	33,6	38,6	-4,9	▼	5,5	5,3	0,3	▲	27,0	29,4	-2,4	▼	11,2	10,8	0,4	▲	11	3	8	▲
Piketberg**	18,7	18,9	-0,1	▼	32,2	36,4	-4,2	▼	6,1	6,1	0,0	—	26,0	27,0	-1,0	▼	10,8	10,5	0,3	▲	6	14	-9	▼
Robertson**	19,9	21,4	-1,5	▼	40,7	41,9	-1,2	▼	5,4	9,2	-3,8	▼	32,9	32,4	0,5	▲	10,6	12,7	-2,1	▼	13	1	13	▲
Simondium	20,0	20,4	-0,5	▼	31,6	37,7	-6,1	▼	9,6	9,2	0,4	▲	25,7	27,5	-1,8	▼	15,3	14,5	0,8	▲	16	18	-2	▼
Stellenbosch	19,1	19,9	-0,8	▼	31,7	38,1	-6,3	▼	7,9	8,6	-0,7	▼	26,4	27,1	-0,7	▼	12,3	13,6	-1,3	▼	18	12	5	▲
Tulbagh	19,8	20,1	-0,3	▼	32,9	37,8	-4,9	▼	9,0	7,7	1,4	▲	27,2	28,6	-1,4	▼	13,1	12,3	0,8	▲	4	11	-7	▼
Villiersdorp	18,0	19,7	-1,6	▼	31,1	36,5	-5,4	▼	7,1	7,4	-0,3	▼	24,5	27,0	-2,5	▼	12,8	13,4	-0,6	▼	22	13	10	▲
Vrystaat**	18,5	19,1	-0,6	▼	32,1	33,5	-1,4	▼	6,1	3,6	2,6	▲	26,8	26,5	0,3	▲	12,1	12,2	-0,1	▼	109	25	84	▲
Vyeboom**	18,0	19,2	-1,2	▼	30,3	35,8	-5,5	▼	8,3	7,8	0,6	▲	24,0	26,0	-2,0	▼	13,4	13,2	0,2	▲	25	24	1	▲
Waterberg	23,2	22,7	0,4	▲	35,6	35,1	0,5	▲	13,0	8,7	4,3	▲	29,7	29,7	0,0	—	17,1	16,0	1,1	▲	80	35	46	▲
WBV - Noord	19,5	20,1	-0,5	▼	34,4	37,0	-2,6	▼	3,0	6,9	-3,9	▼	27,7	29,0	-1,3	▼	10,7	10,9	-0,2	▼	4	3	1	▲
WBV – Suid**	19,3	20,5	-1,2	▼	33,9	35,3	-1,5	▼	6,0	7,9	-1,9	▼	27,1	29,2	2,1	▲	10,9	6,6	4,3	▲	8	20	-12	▼
Wellington	20,9	21,3	-0,4	▼	33,5	38,5	-5,0	▼	10,7	11,8	-1,1	▼	27,2	28,3	-1,1	▼	15,2	15,4	-0,2	▼	5	6	-1	▼
Wolseley	19,9	20,7	-0,8	▼	34,7	38,0	-3,3	▼	8,1	10,9	-2,8	▼	27,4	28,6	-1,2	▼	13,9	14,0	-0,1	▼	10	7	3	▲

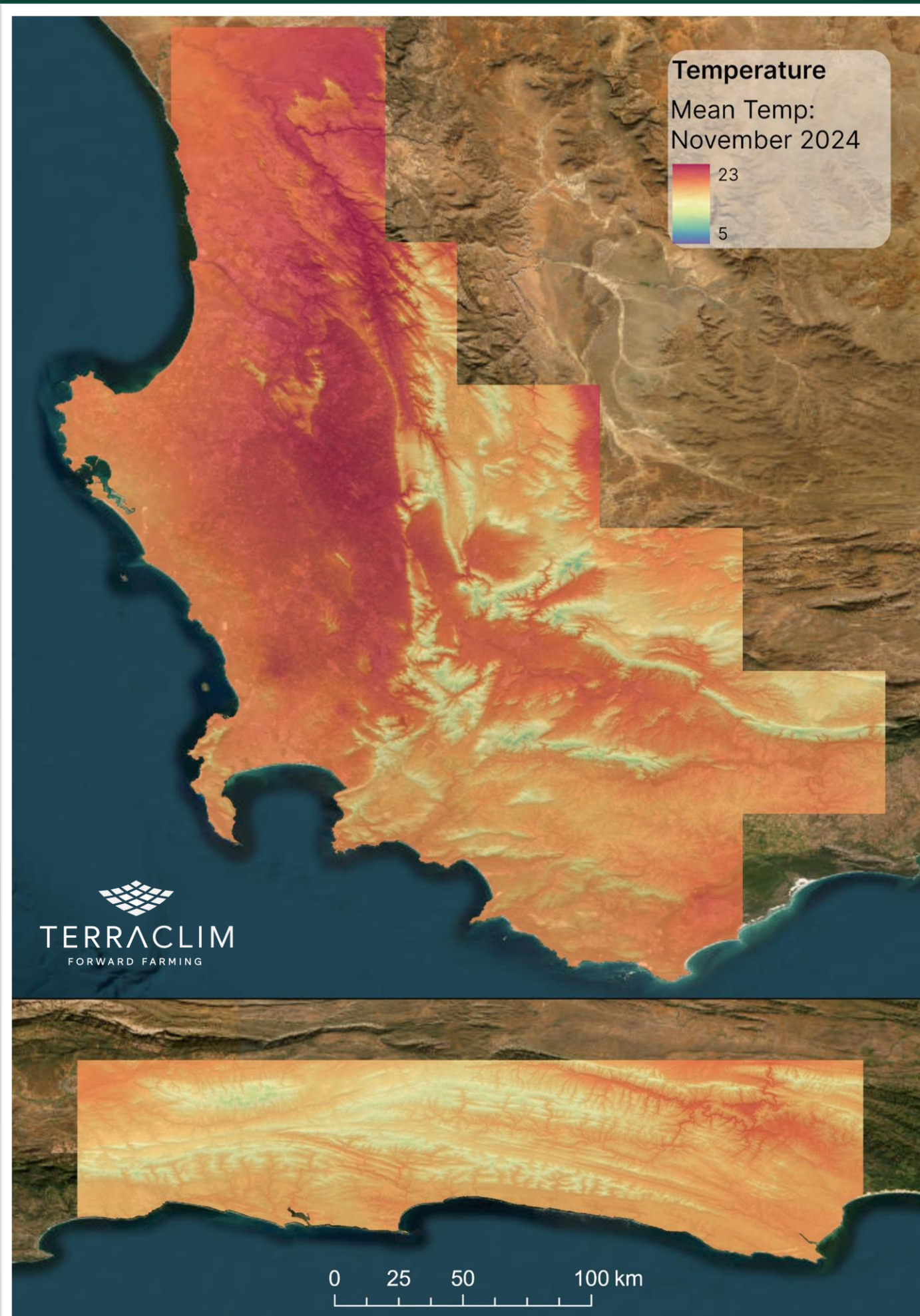


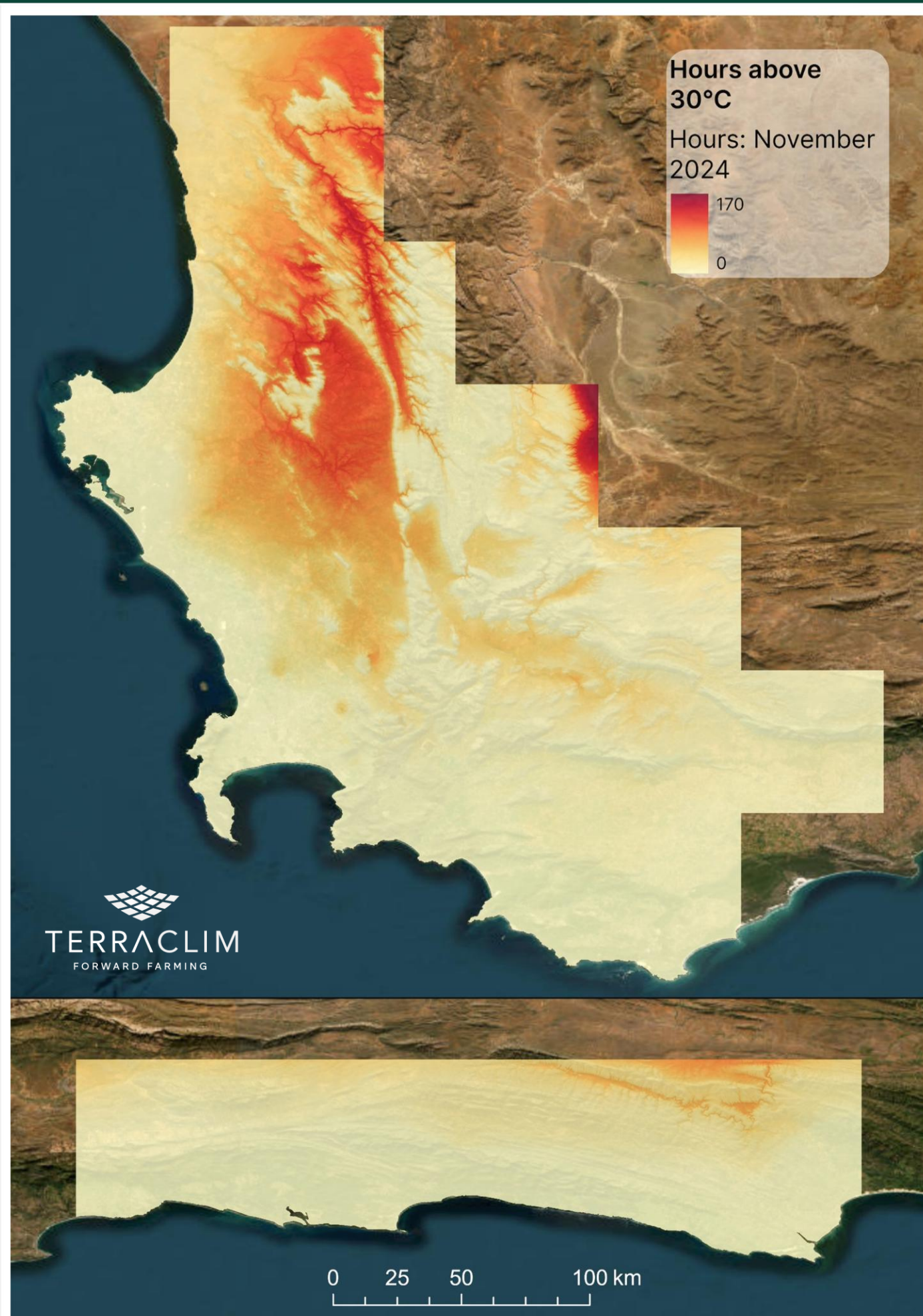
MEAN TEMPERATURE

The mean temperature for November 2024 ranged from 5°C to 23°C.

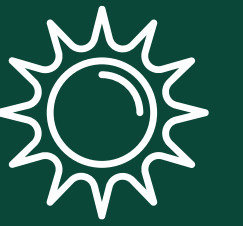
The Bergrivier and Cederberg areas along the West Coast exhibited higher mean temperatures compared to other regions.

Most of the Cape experienced a cooler November, with temperatures up to 2°C lower than the average mean temperature for this period.





HOURS ABOVE 30 °C



The accumulated hours above 30°C for November 2024 range between 0 – 170 hours.

The West Coast, particularly the Bergrivier and Cederberg areas experienced more hours above 30°C.

Generally, the majority of the Cape received fewer hours above 30°C, compared to the long-term average for November.



Rainfall



HORTGRO

Growing Fruit IQ

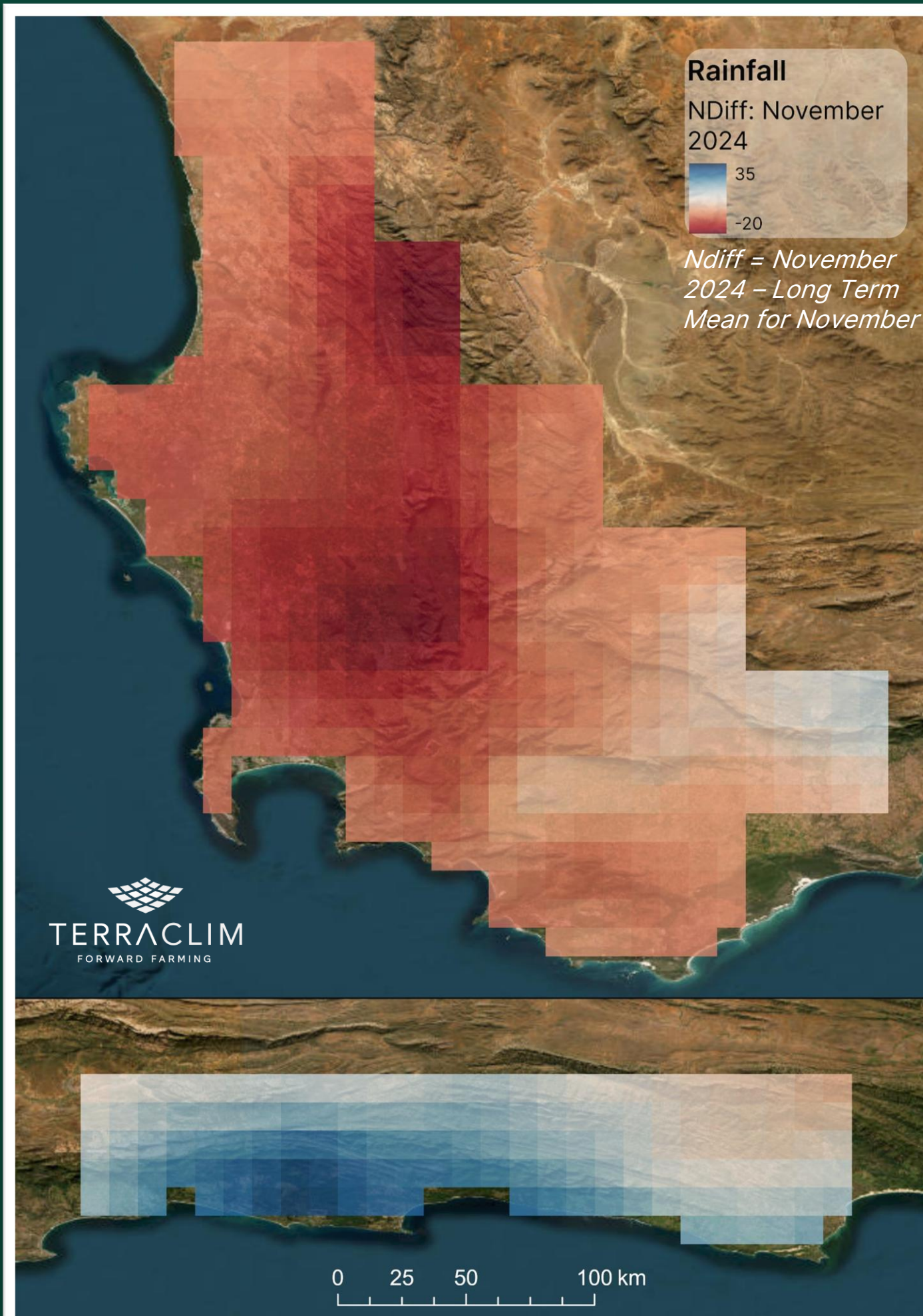




RAINFALL

The total rainfall for November 2024 ranged between 1 – 85 mm across the Cape.

The Langkloof had more rainfall (> 30 mm) than the majority of the Cape which received an average of 15 mm. Compared to the average rainfall, November 2024 had less rainfall (~ 20 mm less) along the West Coast, but more in the Langkloof.



Current Level:

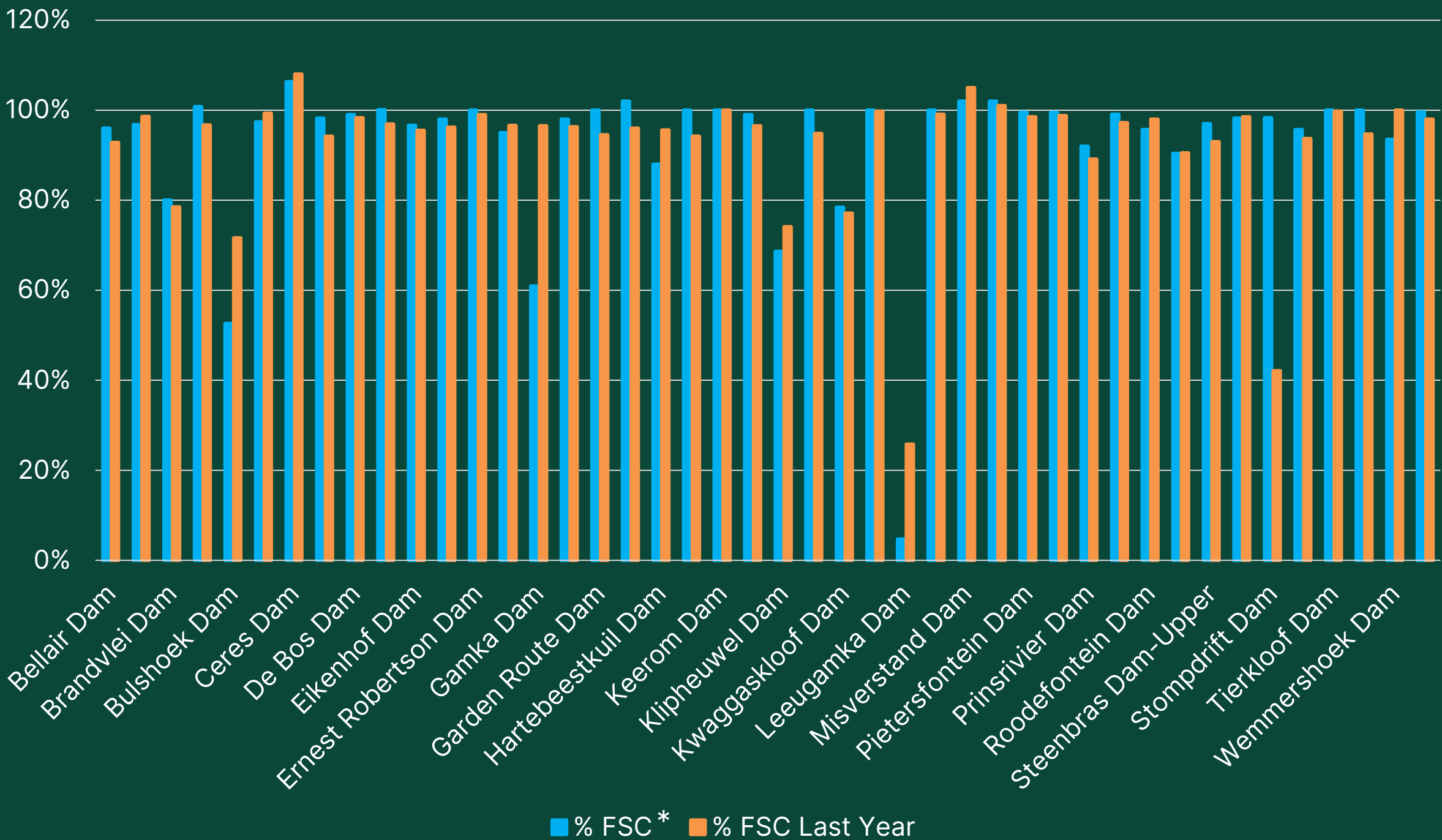
92% as of December 2nd, 2024.

Dam levels in Cape Town are high due to heavy rainfall over the season.

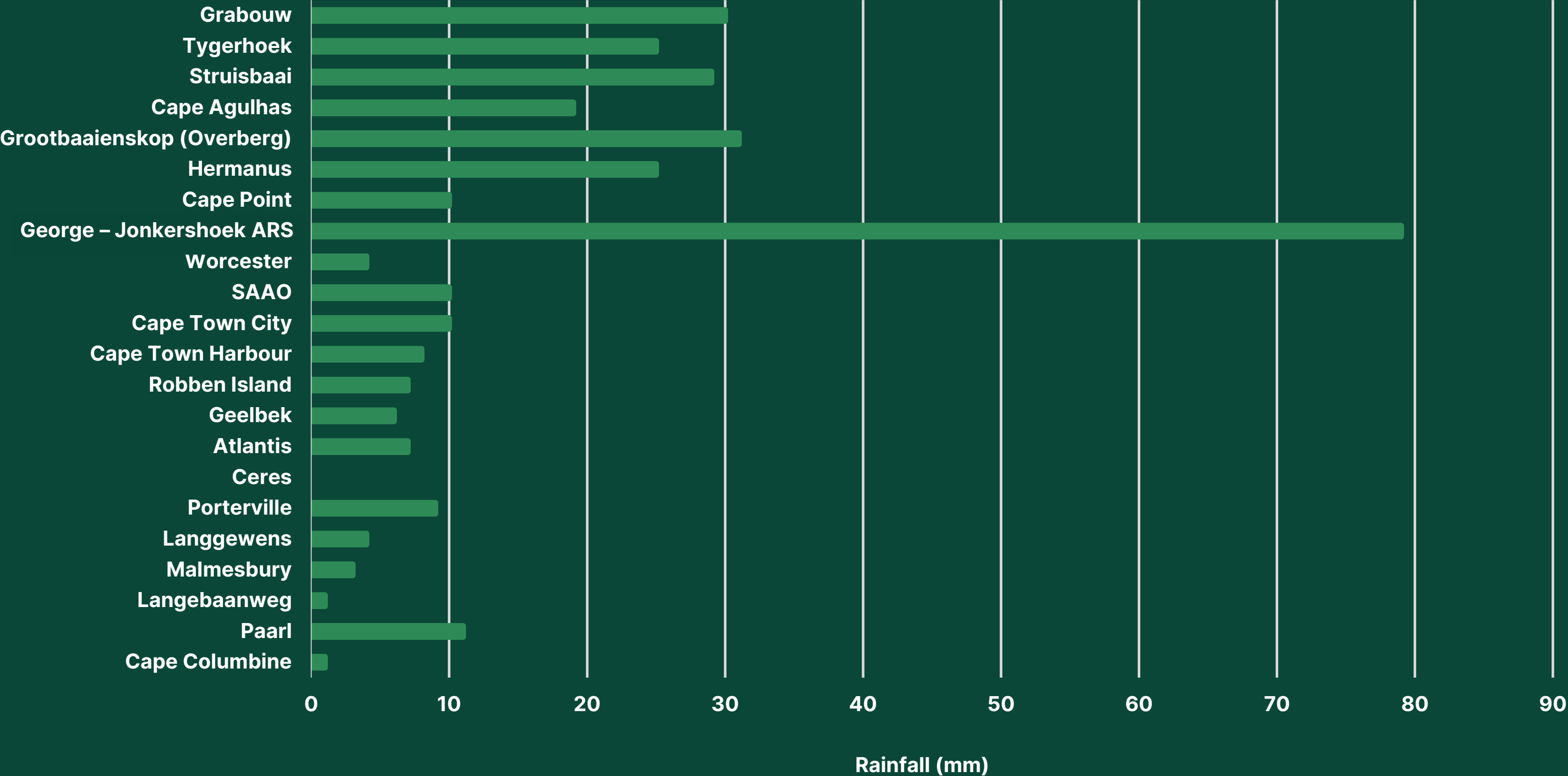
This data is sourced from the Department of Water and Sanitation.



State of Western Cape Dams



*FULL SUPPLY CAPACITY





Heat Units and Growing Degree Days



HEAT UNITS (HU) & GROWING DEGREE DAYS (GDD) for 1 JULY – 30 NOVEMBER: 2023/24

** Different station than 2023's report



Area	GDD				HEAT UNITS			
	2023	2024	2023 vs 2024		2023	2024	2023 vs 2024	
Avontuur	299	218	-82	▼	13034	11191	-1844	▼
Elgin**	693	622	-70	▼	16273	14935	-1339	▼
Ermelo**	824	915	91	▲	21247	22106	858	▲
Franschhoek	951	898	-53	▼	21851	20969	-882	▼
Greyton**	830	745	-85	▼	19640	18164	-1476	▼
Joubertina	630	561	-69	▼	17195	16183	-1012	▼
Koue Bokkeveld**	302	207	-95	▼	13734	12657	-1077	▼
Ladismith**	784	698	-86	▼	20075	17842	-2233	▼
Misgund	470	384	-86	▼	14000	12665	-1336	▼
Montagu	788	734	-54	▼	21396	20102	-1294	▼
Nuy**	681	625	-56	▼	20145	18884	-1262	▼
Piketberg**	600	542	-58	▼	17737	16650	-1087	▼
Robertson**	514	832	319	▲	19954	20955	1001	▲
Simondium	888	855	-33	▼	20940	20085	-855	▼
Stellenbosch	883	765	-118	▼	21377	19319	-2058	▼
Tulbagh	784	767	-17	▼	19969	19511	-458	▼
Villiersdorp	779	710	-69	▼	19164	17535	-1628	▼
Vrystaat**	676	691	15	▲	19272	18976	-296	▼
Vyeboom**	714	679	-35	▼	18437	17008	-1429	▼
Waterberg	1370	1456	86	▲	33511	35592	2082	▲
WBV - Noord	656	549	-107	▼	18559	17693	-866	▼
WBV – Suid**	563	649	86	▲	18735	17500	-1235	▼
Wellington	998	893	-105	▼	23318	21884	-1434	▼
Wolseley	896	855	-41	▼	21001	20198	-802	▼

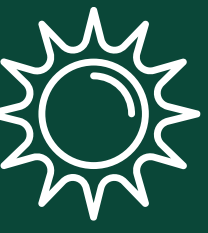


HEAT UNITS (HU): NOVEMBER

The HU ranged between 3500 and 12200. The coastal and low lying regions were warmer and accumulated more HU than the mountainous areas.

Most of the Cape experienced cooler conditions this November, specifically the areas along the West Coast.

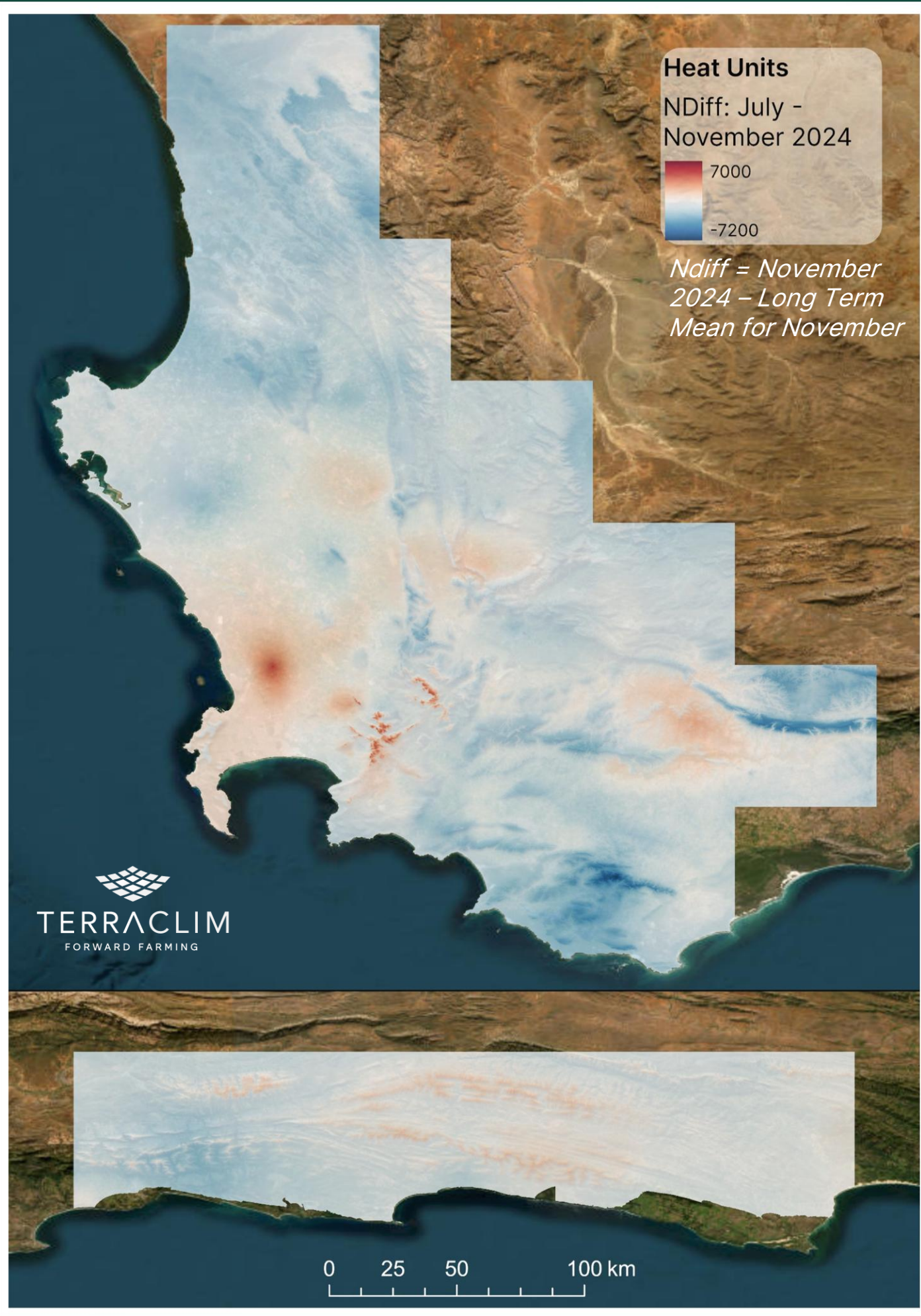




HEAT UNITS (HU): JULY - NOVEMBER

The accumulated heat units ranged between 15000 and 48000 HU. More growing hours were experienced this season across the coastal areas.

Compared to the average growing hours experienced, this season was slightly warmer in the Winelands and in the Langkloof, but cooler in Langeberg and Cape Agulhas areas.

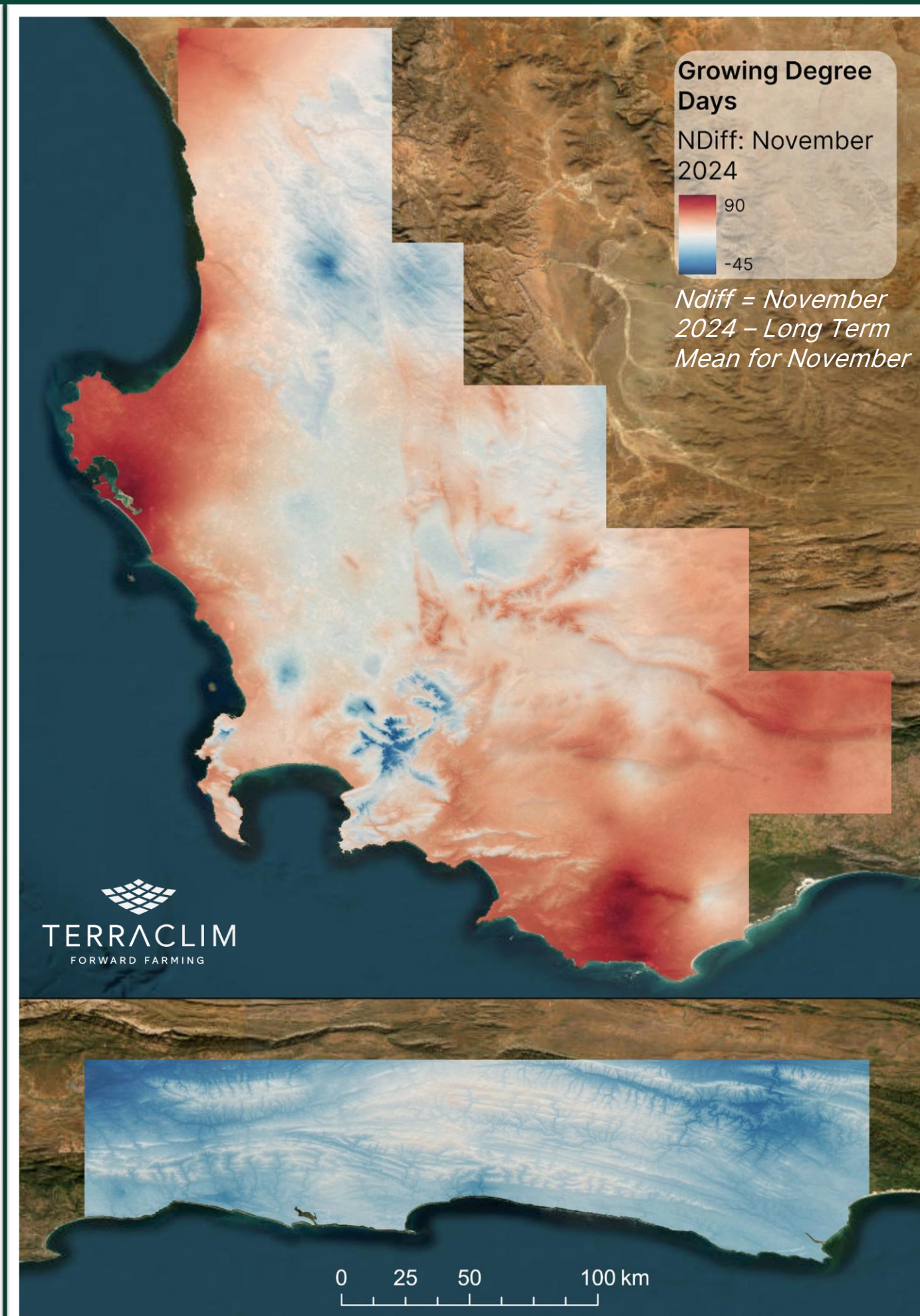
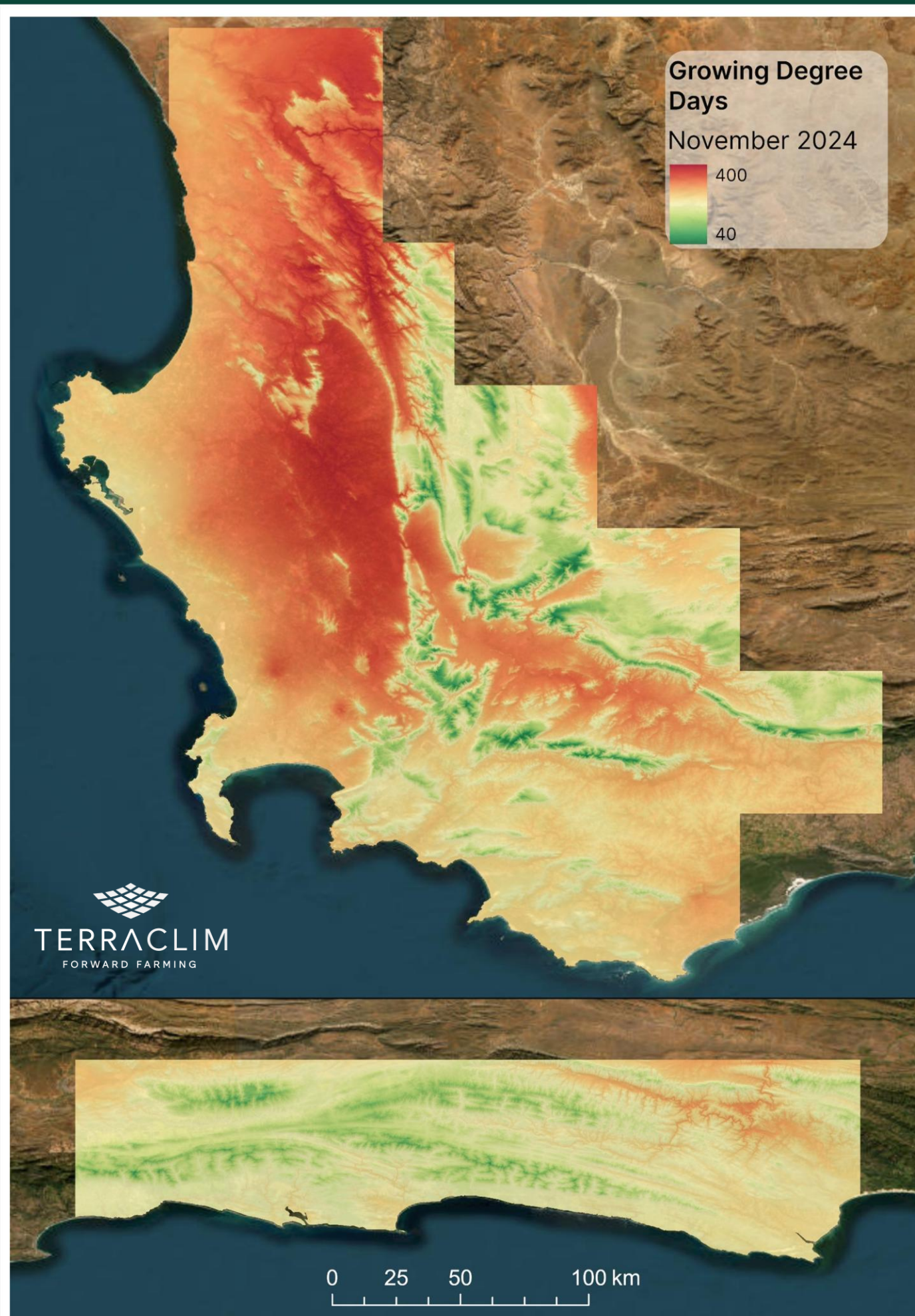


GROWING DEGREE DAYS (GDD): NOVEMBER



The growing days ranged between 40 – 400 GDD for November 2024.

Inland, mountainous areas experienced the fewest growing days while the West Coast had the highest. Compared to previous years, most of the region experienced more growing days, except the Langkloof which was cooler this year.

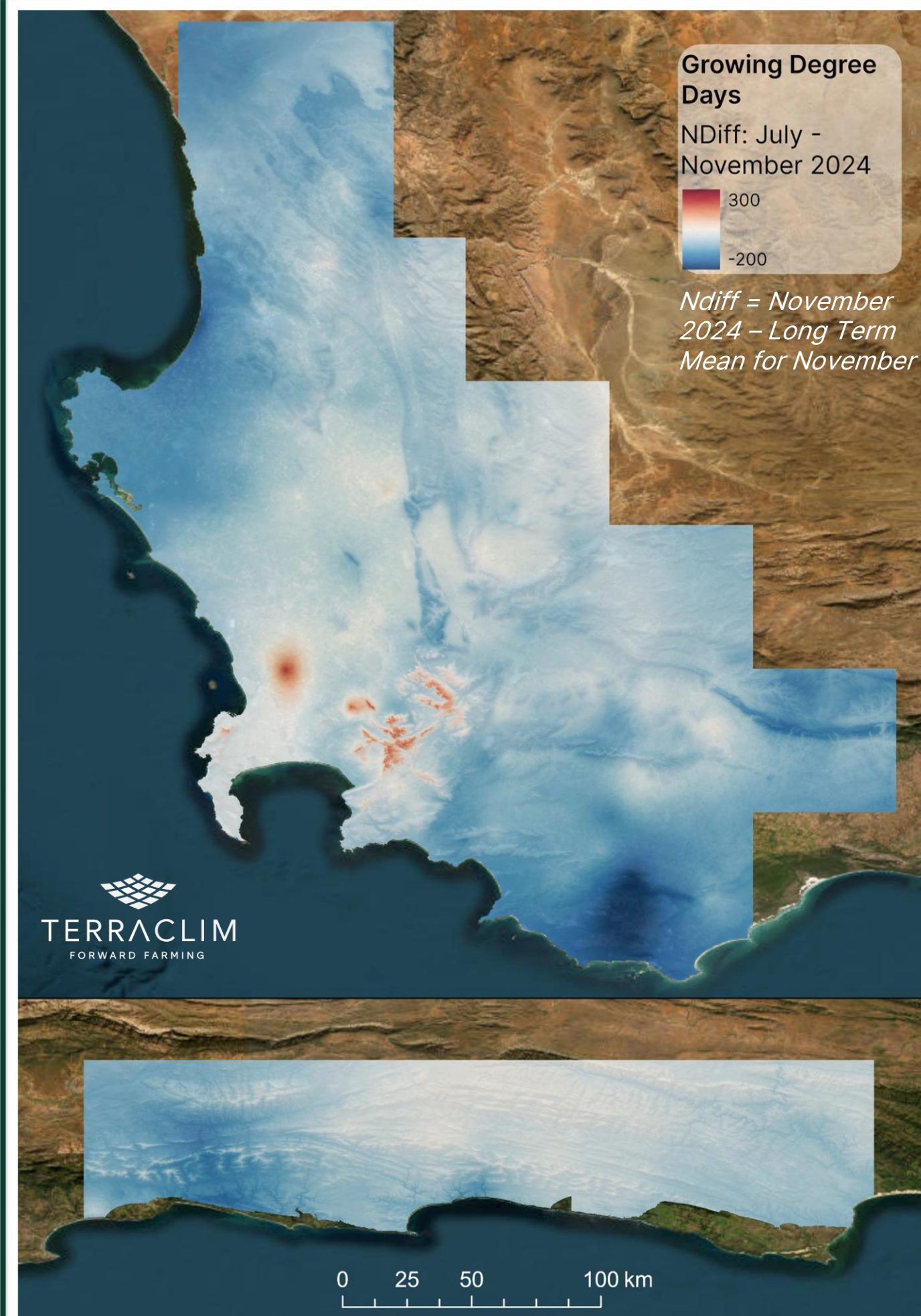
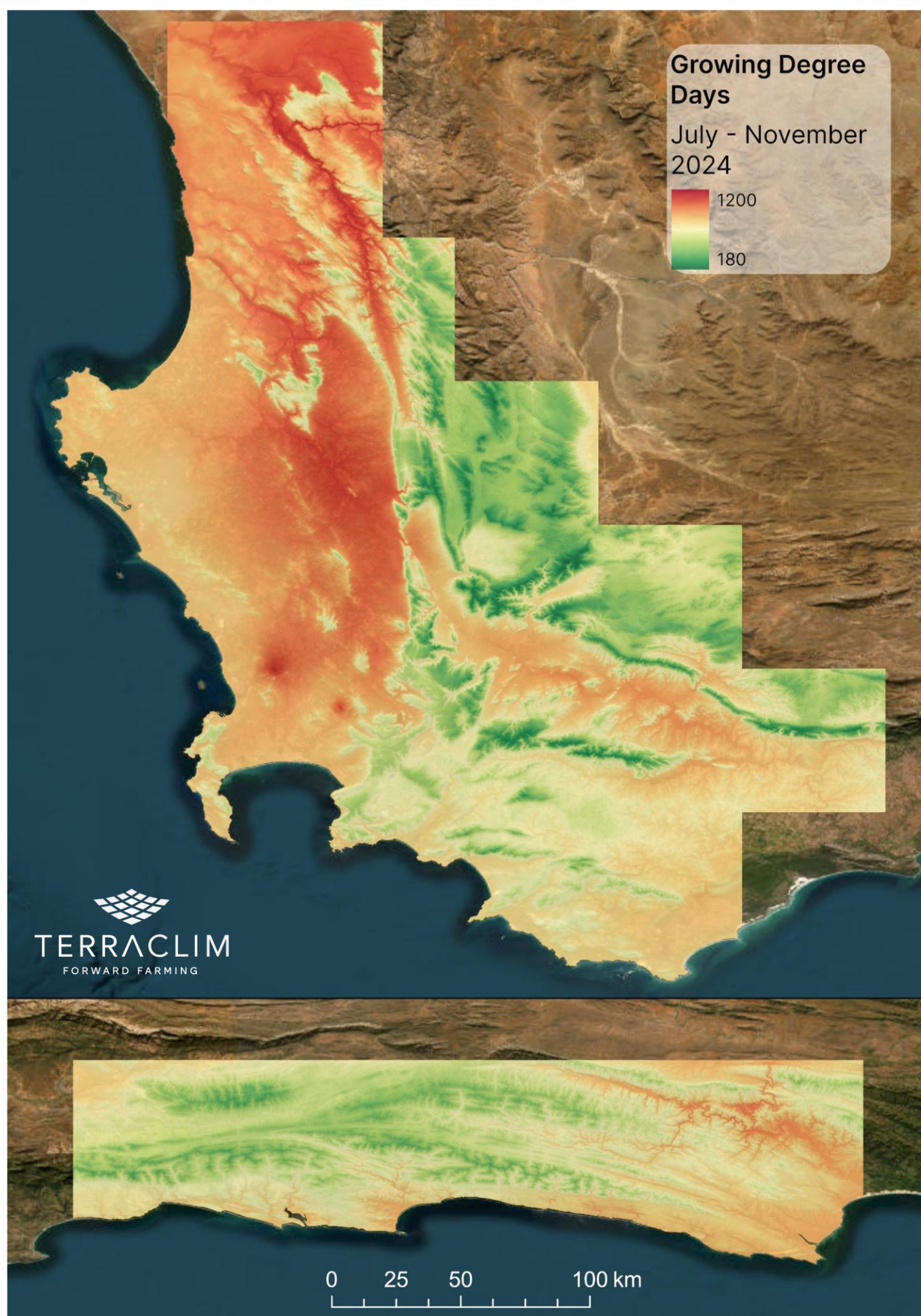


GROWING DEGREE DAYS (GDD): JULY - NOVEMBER



The accumulated growing degree days ranged between 180 and 1200 GDD from July – November 2024.

Most of the Cape received fewer GDD during this period when compared to the long-term average, with parts of the West Coast and Overberg being the coolest.



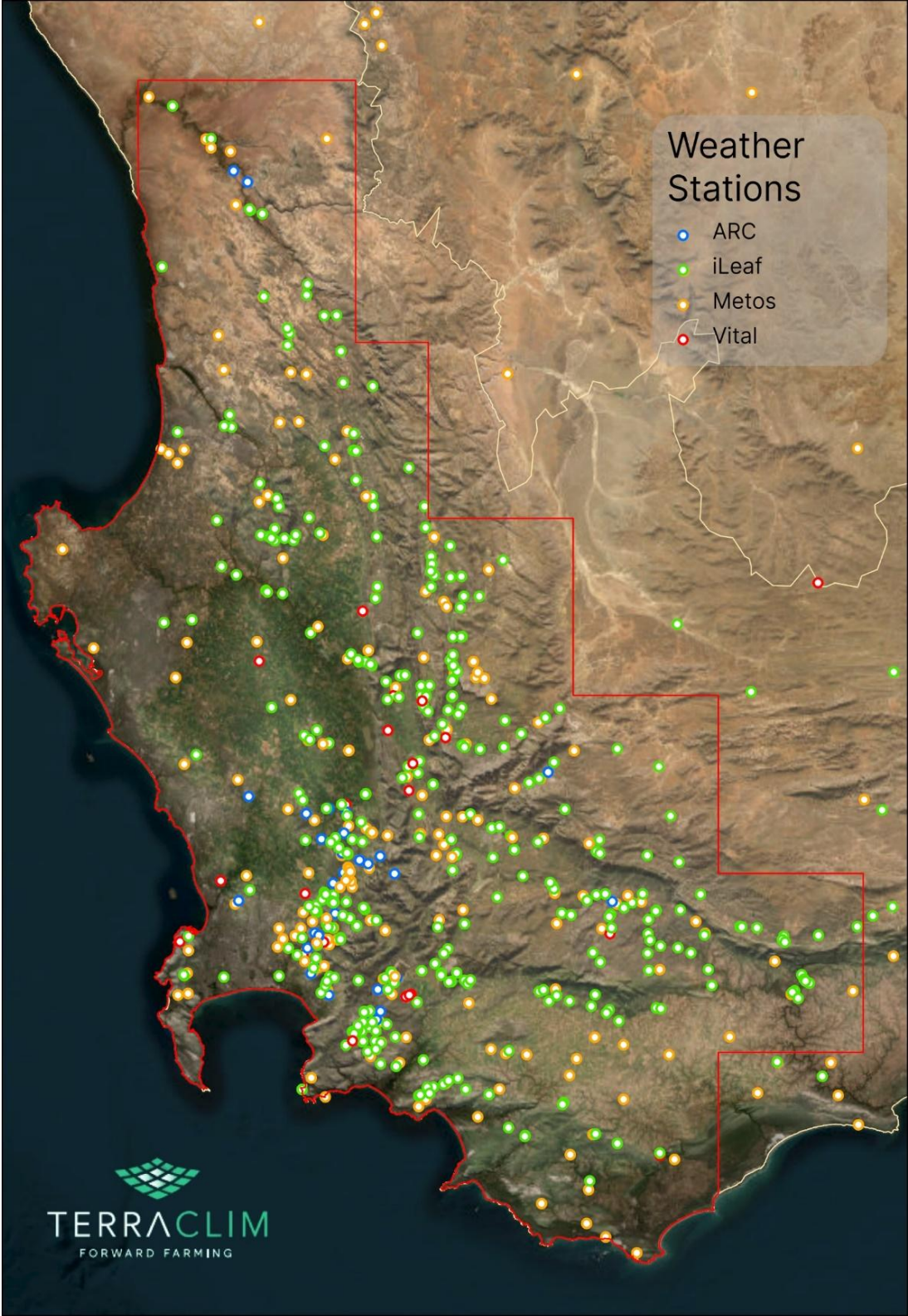
Stations used in this report (1 November – 30 November):
2023/24



Area	Station (2024)
Avontuur (Langkloof)	Avontuur
Elgin**	Habibi
Ermelo**	Voorsorg
Franschhoek	La Motte
Greyton**	Greyton
Joubertina (Langkloof)	Bokmakierie
Koue Bokkeveld**	Weltevrede
Ladismith**	R2C Ladismith
Misgund (Langkloof)	Nuweplaas
Montagu	Derdeheuwel
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**	Dankbaar
Wellington	Kalmoesfontein
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

