

NZX Pasture Growth Index

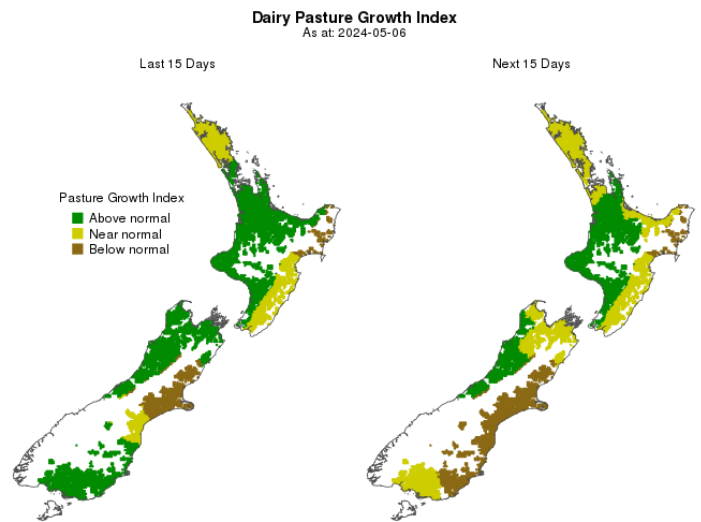
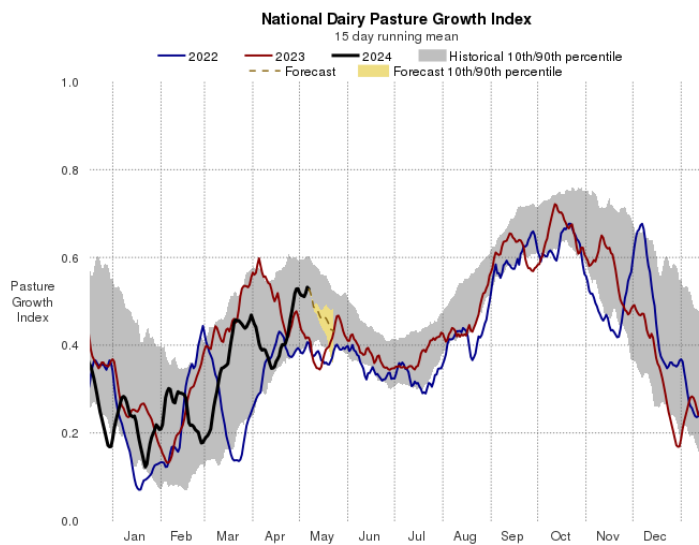


	PGI 14-DAY FORECAST VS 10 YR AVE 9%		PGI 14-DAY FORECAST VS LAST 14 DAYS -14%		MOISTURE INDEX LAST 14 DAYS VS 2023 -7%		TEMPERATURE INDEX LAST 14 DAYS VS 2023 19%
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Pasture & milk insights

In the past week, pasture growth conditions across the country have been fairly stable. Rainfall has continued to be sparse across most of the country in the past week, especially in North Canterbury and Bay of Plenty. Sunshine hours have been up significantly for almost the entire country, with Canterbury, Otago, Waikato and Wairarapa all receiving more than 25% more sunlight compared to the historic average. As it stands, the PGI moisture index is currently down -7% when comparing the last 14-days to the same time last year, although North Taranaki and Southland continue to have a water surplus. The temperature index was up 19% for the previous fortnight compared to 2023.

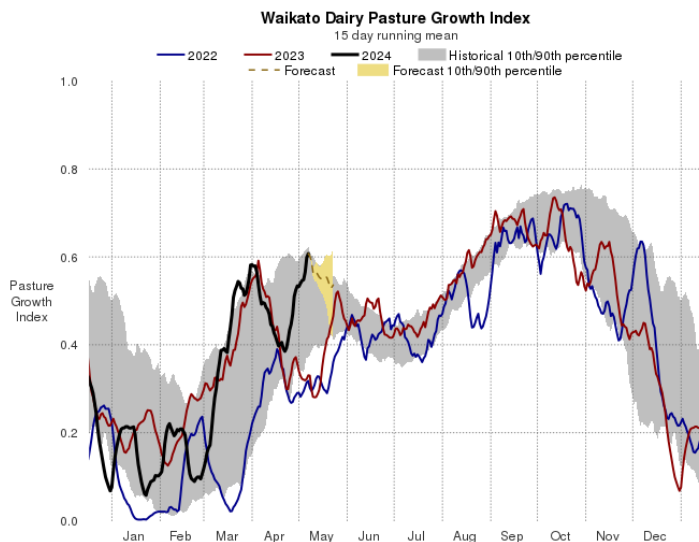
Looking ahead, the NZX 14-day PGI forecast is up 9% compared to the historical average and down -14% when compared to the same fortnight a year ago. The forecasts heat map shows that conditions for Canterbury are expected to worsen with minimal rainfall forecast over the next two weeks, adding to the current period of dry conditions.



Waikato

Waikato growth conditions have improved in the past week, having seen less rainfall but more sunlight than the historic average. The PGI is currently sitting above 2022 and 2023, in the middle of the historic range. The forecast is depicting conditions to gradually worsen in line with the historic average.

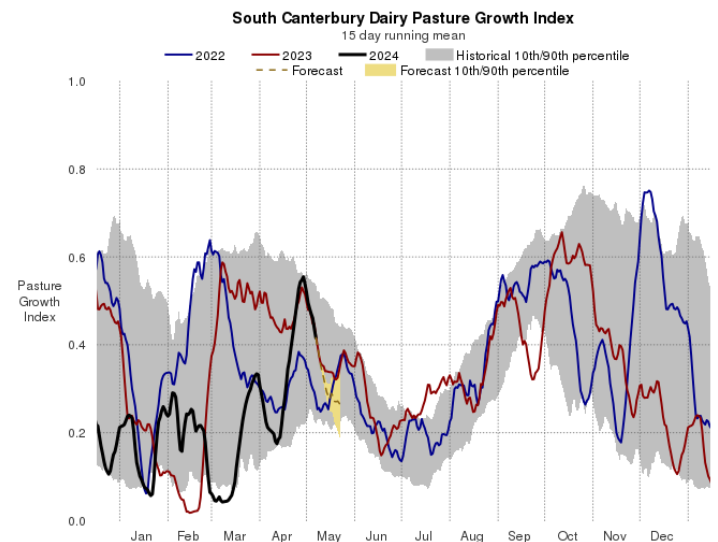
- Soil moisture is still significant around Taranaki
- Light levels are well above average, except for in the Bay of Plenty
- Temperatures are 1-2 degrees colder than the average



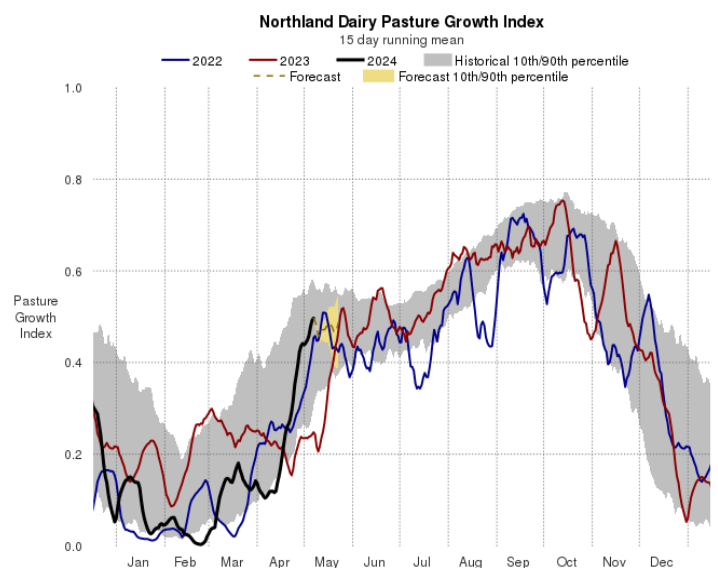
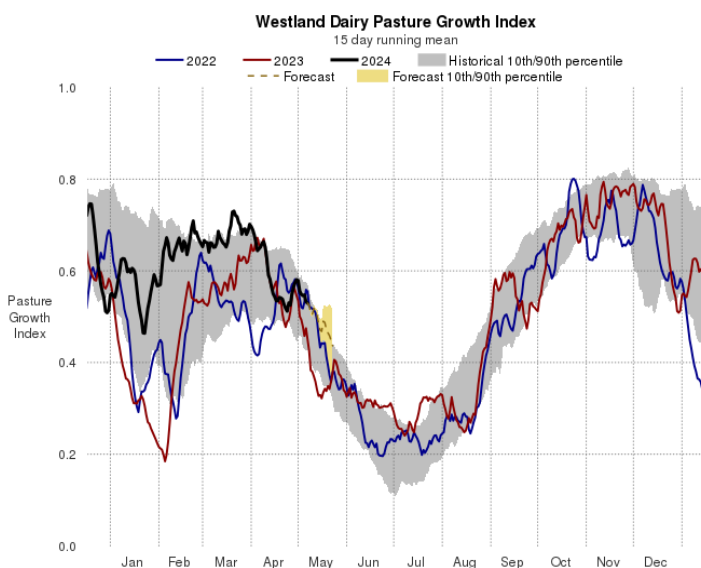
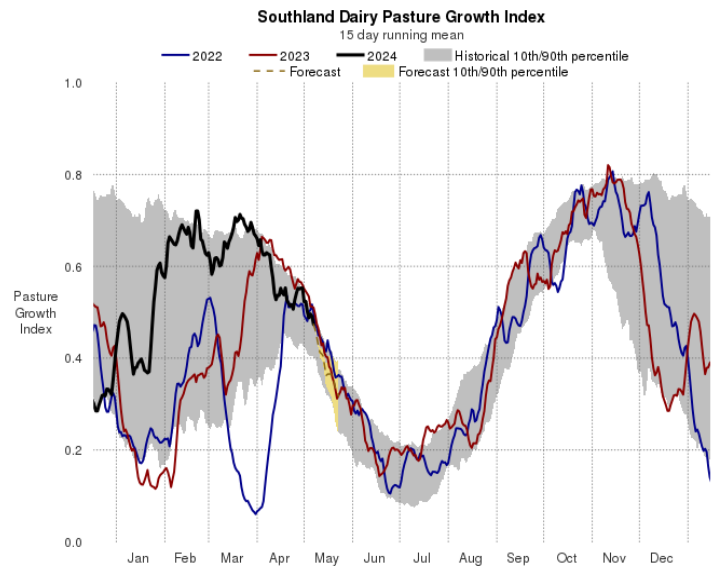
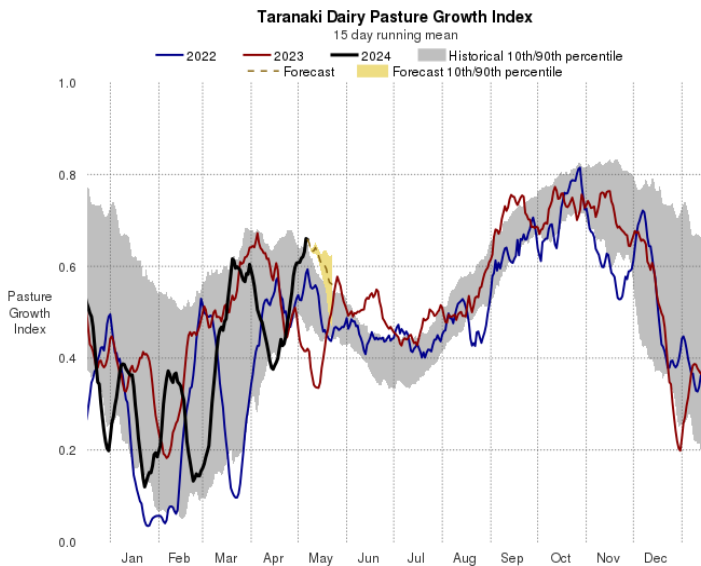
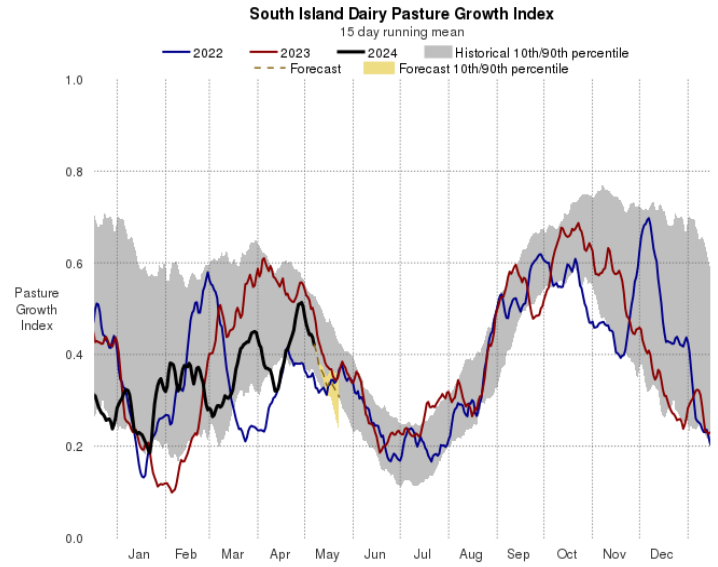
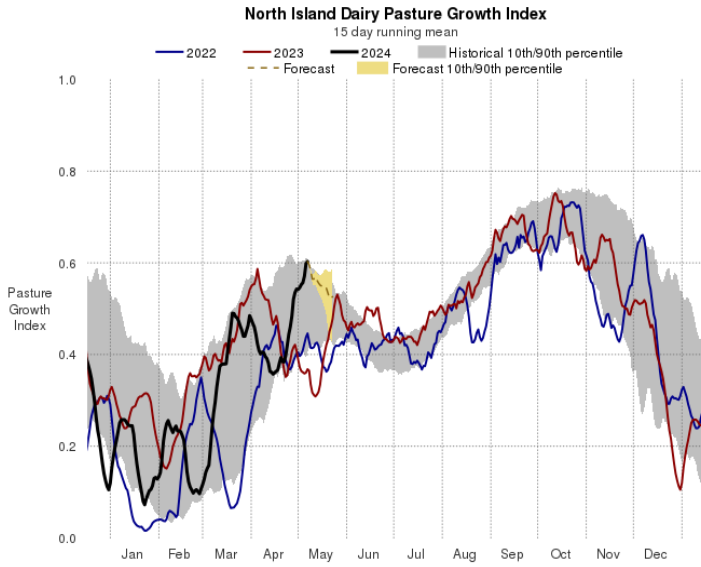
Canterbury

South Canterbury PGI has worsened drastically in the past week, in line with the 2023 figure. This decline is expected to continue through May due to low rainfall forecasted over the next few weeks.

- Dry conditions persist in most of Canterbury.
- The region has experienced more sun than usual for this time of year, with average daily sunlight at 6-8 hours per day.
- Temperatures are sitting about average for most of the region, around the 8-10 degrees Celsius mark.

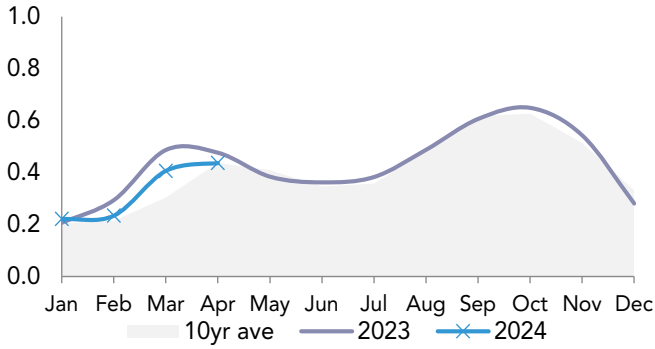


New Zealand regional PGI

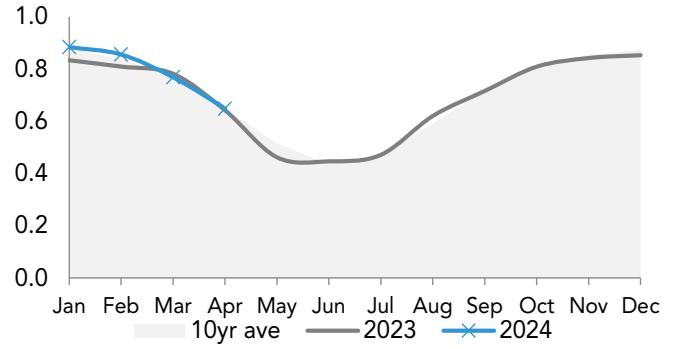


Monthly averages

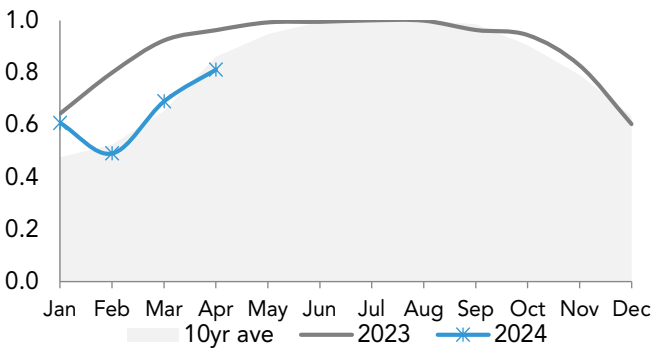
Monthly average pasture growth potential



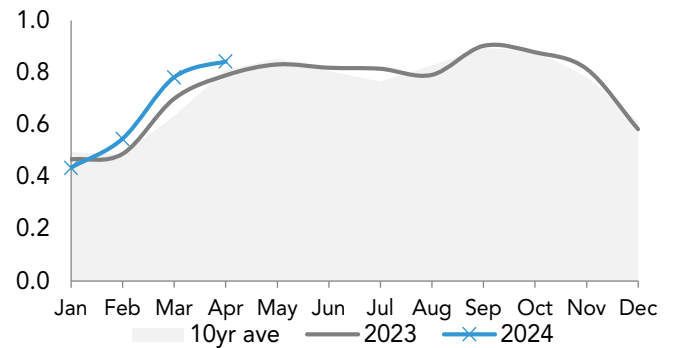
Monthly average light index



Monthly average moisture index

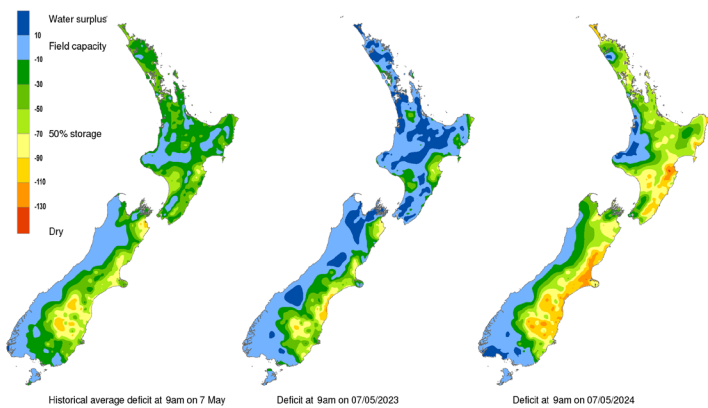


Monthly average temperature index



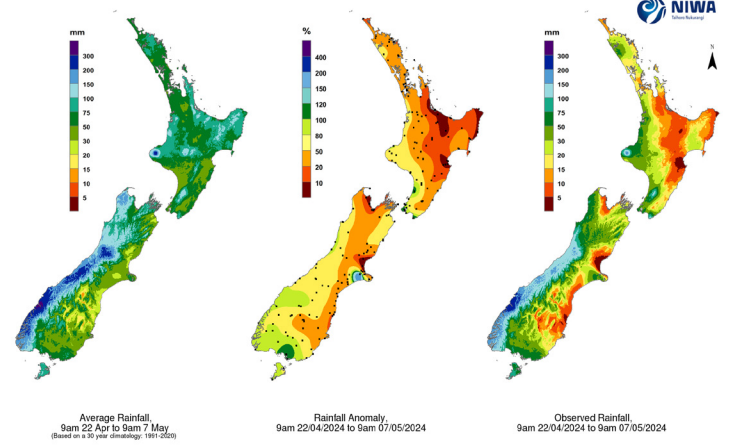
Weather charts

Soil moisture deficit (mm) at 9am on 07/05/2024



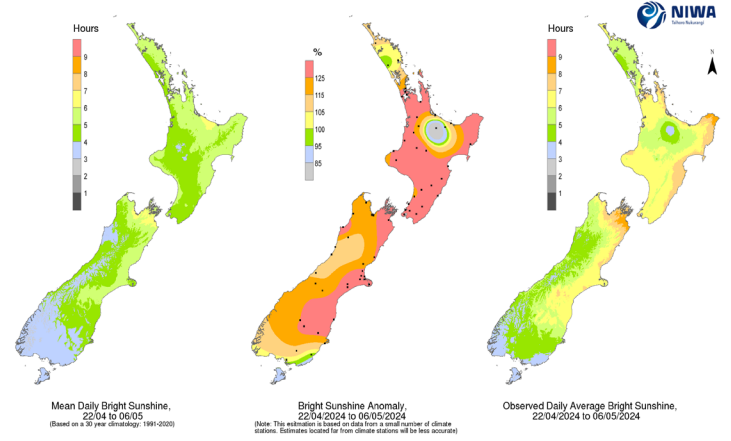
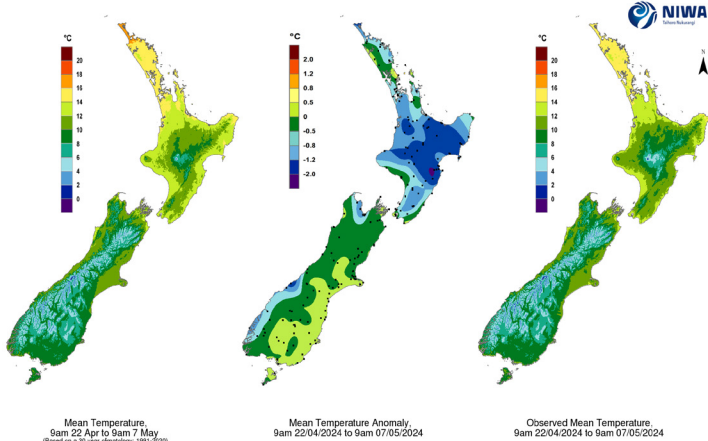
Soil moisture deficit

Last 15 days rain

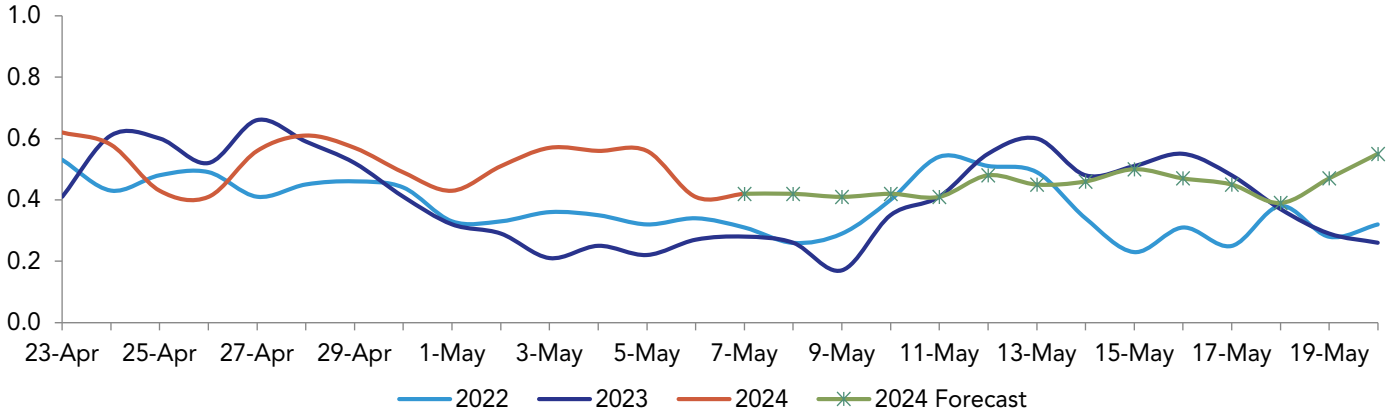


NZ average temperature

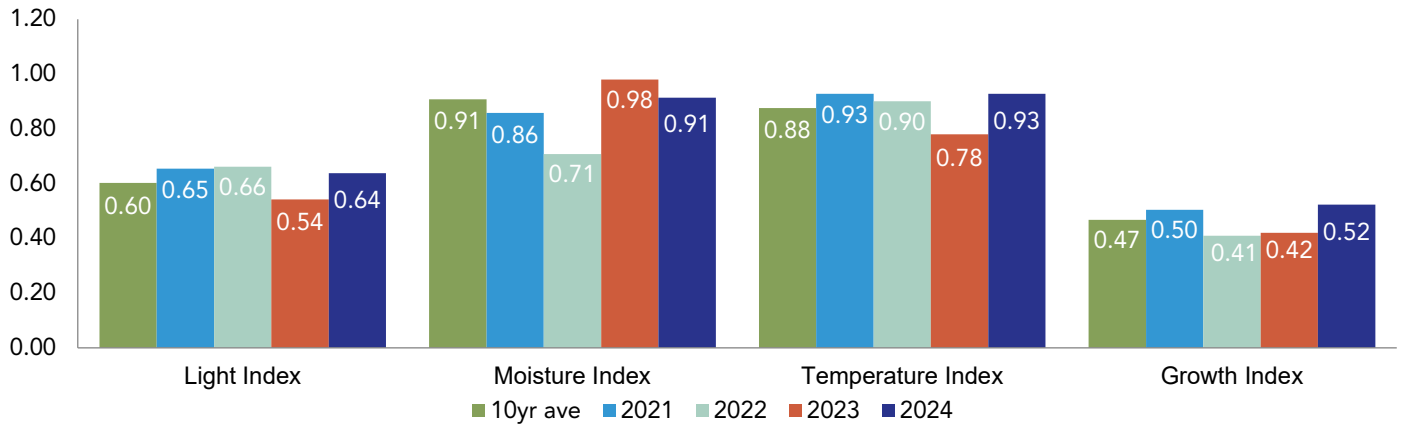
Last 15 days sun



PGI daily and forecast growth potential



Fortnightly average light, moisture, and temperature index

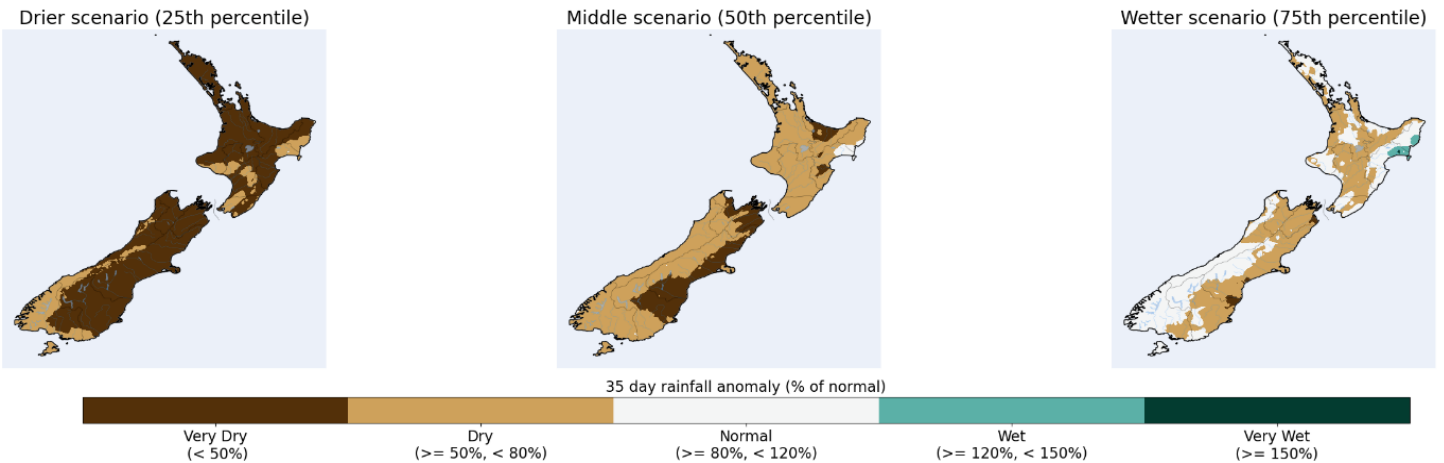


NIWA 35 day drought index outlook

NIWA35
Rainfall anomaly for 35 days
Model initiation: 00 UTC Mon 06/05/2024
Valid: 12 PM Mon 06/05/24 - 12 PM Sun 09/06/24 NZST



"Normal" is the percentage relative to a climatology and the forecast. The climatology is a 35 day rolling sum of a 35 day rolling average from 1991-2020 from the VCSN.



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