

## A warm winter, wet for the top of the South Island

|               |  |
|---------------|--|
| Temperature   | Winter temperatures were above average (0.51-1.20°C above average) for Northland, Auckland, Bay of Plenty, eastern Waikato, much of the West Coast, coastal South Canterbury, Dunedin, and Fiordland. Temperatures were near average ( $\pm 0.50^\circ\text{C}$ of average) for remaining parts of the country.  |
| Rainfall      | Rainfall was above normal (120-149% of normal) or well above normal ( $>149\%$ of normal) for Dunedin, Marlborough, Nelson, Taranaki, Waikato, Bay of Plenty, Auckland, and parts of Northland. Rainfall was below normal (50-79% of normal) for central and southern Hawke's Bay, Christchurch, Banks Peninsula, limited parts of Otago, and coastal Fiordland. |
| Soil Moisture | At the end of winter, soil moisture levels were lower than normal for central parts of Hawke's Bay. Soil moisture was higher than normal for eastern Hurunui, and eastern parts of Central Otago. Near normal soil moisture levels were typical for the remainder of the country.  |

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### Overview

Winter 2025 mean sea level air pressure was higher than normal over and to the southeast of Aotearoa New Zealand. This was associated with more easterly winds than normal for northern and southern parts of the country, with fewer westerly winds than normal. ENSO-neutral (El Niño – Southern Oscillation) conditions remained present in the tropical Pacific, but trended towards La Niña-like conditions during the season. Sea surface temperatures (SSTs) around New Zealand were above average, particularly off the west coast of the country with Marine Heatwave (MHW) conditions<sup>1</sup> experienced in these areas.

The nationwide average temperature in winter 2025 was 9.1°C. This was 0.5°C above the 1991-2020 winter average, making it New Zealand's 9th-warmest winter since Earth Sciences New Zealand's seven station temperature series began in 1909. Temperatures were above average (0.51-1.20°C above average) for Northland, Auckland, Bay of Plenty, eastern Waikato, much of the

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<sup>1</sup> Defined as five or more consecutive days with SSTs above the 90th percentile for the time of year.

West Coast, coastal South Canterbury, Dunedin, and Fiordland. Temperatures were near average ( $\pm 0.50^{\circ}\text{C}$  of average) for remaining parts of the country, with no locations observing below average winter temperatures ( $0.51\text{--}1.20^{\circ}\text{C}$  below average).

Winter rainfall was above normal (120–149% of normal) or well above normal ( $>149\%$  of normal) for Dunedin, Marlborough, Nelson. Taranaki, Waikato, Bay of Plenty, Auckland, and northeastern parts of Northland. Rainfall was below normal (50–79% of normal) for central and southern Hawke’s Bay, Christchurch, Banks Peninsula, limited parts of Otago, and coastal Fiordland. Two very heavy rainfall events (on 27 June, and 11 July) for the top of the South Island caused considerable flooding, with states of emergency declared during each event (see *Highlights and extreme events* section for further details).

Further Highlights:

- The highest temperature was  $23.2^{\circ}\text{C}$ , observed at Whakatu on 5 June.
- The lowest temperature was  $-12.9^{\circ}\text{C}$ , observed at Aoraki Mt Cook Airport on 8 June.
- The highest 1-day rainfall was 164 mm, recorded at Motueka on 11 July.
- The highest wind gust was 191 km/h, observed at Cape Turnagain on 1 June.
- Of the six main centres in winter 2025, Auckland was the warmest, Tauranga was the wettest and sunniest, Christchurch was the coolest and driest, and Dunedin was the least sunny.
- The sunniest four regions in 2025 so far are Taranaki (1788 hours), Bay of Plenty (1708 hours), Auckland (1693 hours) and wider Nelson (1664 hours).

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**Temperature: A warm season for many areas**

Mean temperatures were above average ( $0.51\text{--}1.20^{\circ}\text{C}$  above average) or well above average ( $>1.20^{\circ}\text{C}$  above average) for approximately half of the country’s regularly reporting climate stations. Four locations observed their warmest winter on record, including Kawerau, where records date back to 1954.

**Record<sup>2</sup> or near-record mean air temperatures for winter were recorded at:**

| Location                     | Mean air temp. ( $^{\circ}\text{C}$ ) | Departure from normal ( $^{\circ}\text{C}$ ) | Year records began | Comments |
|------------------------------|---------------------------------------|--|--------------------|----------|
| High records or near-records |                                       |  |                    |          |
| Kawerau                      | 11.1                                  | 1.2  | 1954               | Highest  |
| Secretary Island             | 10.6                                  | 1.2  | 1985               | Highest  |
| Puysegur Point               | 9.8                                   | 1.1  | 1978               | Highest  |

<sup>2</sup> The rankings (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> etc.) in all Tables in this summary are relative to climate data from a group of nearby stations, some of which may no longer be operating. The current climate value is compared against all values from any member of the group, without any regard for homogeneity between one station’s record, and another. This approach is used due to the practical limitations of performing homogeneity checks in real-time.

|                             |      |     |      |             |
|-----------------------------|------|-----|------|-------------|
| South West Cape             | 9.3  | 1.4 | 1991 | Highest     |
| Cape Reinga                 | 13.7 | 0.9 | 1951 | 2nd-highest |
| Kerikeri                    | 12.9 | 0.9 | 1945 | 2nd-highest |
| Motu                        | 8.0  | 1.3 | 1990 | 2nd-highest |
| Campbell Island             | 6.3  | 1.1 | 1991 | 2nd-highest |
| Chatham Island              | 10.2 | 1.3 | 1878 | 2nd-highest |
| Tauranga                    | 11.9 | 1.0 | 1913 | 3rd-highest |
| Brothers Island             | 11.5 | 0.8 | 1997 | 3rd-highest |
| Nugget Point                | 7.6  | 0.8 | 1970 | 3rd-highest |
| Tautuku                     | 7.7  | 0.8 | 1976 | 3rd-highest |
| Purerua                     | 13.4 | 0.9 | 1983 | 4th-highest |
| Mokohinau Island            | 14.1 | 0.7 | 1994 | 4th-highest |
| Mt Ruapehu Chateau          | 4.2  | 0.7 | 2000 | 4th-highest |
| Low records or near-records |      |     |      |             |
| None observed               |      |     |      |             |

**Record or near-record mean maximum air temperatures for winter were recorded at:**

| Location                     | Mean maximum air temp. (°C) | Departure from normal (°C) | Year records began | Comments    |
|------------------------------|-----------------------------|----------------------------|--------------------|-------------|
| High records or near-records |                             |                            |                    |             |
| Milford Sound                | 11.4                        | 1.5                        | 1934               | Highest     |
| Secretary Island             | 13.6                        | 1.6                        | 1985               | Highest     |
| Puysegur Point               | 11.9                        | 1.0                        | 1978               | Highest     |
| South West Cape              | 11.3                        | 1.4                        | 1991               | Highest     |
| Campbell Island              | 8.2                         | 1.0                        | 1991               | Highest     |
| Purerua                      | 16.7                        | 1.0                        | 1983               | 2nd-highest |
| Tauranga                     | 16.1                        | 1.0                        | 1913               | 2nd-highest |
| Kawerau                      | 17.2                        | 1.8                        | 1954               | 2nd-highest |
| Hokitika                     | 13.9                        | 1.5                        | 1866               | 2nd-highest |
| Windsor                      | 13.1                        | 1.5                        | 2000               | 2nd-highest |
| Kerikeri                     | 17.2                        | 0.6                        | 1945               | 3rd-highest |
| Matamata                     | 15.5                        | 1.3                        | 1999               | 3rd-highest |
| Arapito                      | 14.5                        | 1.2                        | 1978               | 3rd-highest |
| Nugget Point                 | 10.3                        | 0.8                        | 1970               | 3rd-highest |
| Chatham Island               | 12.8                        | 1.1                        | 1878               | 3rd-highest |
| Cape Reinga                  | 15.9                        | 0.9                        | 1951               | 4th-highest |
| Whangaparāoa                 | 15.6                        | 0.7                        | 1982               | 4th-highest |
| Auckland (Whenuapai)         | 16.0                        | 0.8                        | 1945               | 4th-highest |
| Auckland (Māngere)           | 16.1                        | 0.9                        | 1959               | 4th-highest |
| Mt Ruapehu Chateau           | 8.4                         | 1.2                        | 2000               | 4th-highest |
| Low records or near-records  |                             |                            |                    |             |
| None observed                |                             |                            |                    |             |

**Record or near-record mean minimum air temperatures for winter were recorded at:**

| Location                     | Mean minimum air temp. (°C) | Departure from normal (°C) | Year records began | Comments    |
|------------------------------|-----------------------------|----------------------------|--------------------|-------------|
| High records or near-records |                             |                            |                    |             |
| Cape Reinga                  | 11.6                        | 0.8                        | 1951               | Highest     |
| South West Cape              | 7.3                         | 1.3                        | 1991               | Highest     |
| Motu                         | 3.8                         | 1.6                        | 1990               | 2nd-highest |
| Puysegur Point               | 7.6                         | 1.3                        | 1978               | 2nd-highest |
| Campbell Island              | 4.4                         | 1.2                        | 1991               | 2nd-highest |
| Chatham Island               | 7.5                         | 1.5                        | 1878               | 2nd-highest |
| Kerikeri                     | 8.7                         | 1.1                        | 1945               | 3rd-highest |
| Brothers Island              | 9.7                         | 0.8                        | 1997               | 3rd-highest |
| Mokohinau Island             | 12.6                        | 0.7                        | 1994               | 4th-highest |
| Akaroa                       | 5.8                         | 0.7                        | 1978               | 4th-highest |
| Low records or near-records  |                             |                            |                    |             |
| Middlemarch                  | -1.8                        | -0.7                       | 2000               | Lowest      |

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**Rainfall: Wet winter for the top of the South Island**

New Zealand's wettest location relative to normal was Blenheim, where 227% of normal winter rainfall was recorded. Blenheim observed 472 mm of rainfall, making it the town's wettest winter since records began in 1927. Nelson, Blenheim, Wairau Valley, New Plymouth, Stratford, and Rotorua also observed more than double their normal July rainfall, respectively.

About half of New Zealand's regularly reporting climate stations observed near normal winter rainfall (80-119% of normal). It was a particularly dry season for Middlemarch, which recorded 70 mm of winter rainfall (43% of normal).

**Record or near-record winter rainfall totals were recorded at:**

| Location                     | Rainfall total (mm) | Percentage of normal | Year records began | Comments    |
|------------------------------|---------------------|----------------------|--------------------|-------------|
| High records or near-records |                     |                      |                    |             |
| Blenheim                     | 472                 | 227                  | 1927               | Highest     |
| Appleby                      | 485                 | 189                  | 1932               | 2nd-highest |
| Auckland (Albany)            | 625                 | 154                  | 1966               | 3rd-highest |
| Low records or near-records  |                     |                      |                    |             |
| Waipawa                      | 120                 | 50                   | 1945               | 3rd-lowest  |
| Haast                        | 493                 | 64                   | 1941               | 3rd-lowest  |
| Whakatu                      | 128                 | 55                   | 1965               | 4th-lowest  |
| Lake Moeraki                 | 744                 | 78                   | 1985               | 4th-lowest  |

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## Winter climate in the six main centres

Winter temperatures were above average in Tauranga and Dunedin, and near average for the remaining main centres. It was a dry season for Christchurch, with the city receiving 78% of its normal winter rainfall. Rainfall was above normal for the remaining five main centres. Auckland observed its highest winter sunshine total on record, while Hamilton observed its 3rd-highest winter sunshine total on record. Of the six main centres in winter 2025, Auckland was the warmest, Tauranga was the wettest and sunniest, Christchurch was the coolest and driest, and Dunedin was the least sunny.

### Winter 2025 main centre climate statistics:

| Temperature               |                  |                            |               |
|---------------------------|------------------|----------------------------|---------------|
| Location                  | Mean temp. (°C)  | Departure from normal (°C) | Comments      |
| Auckland <sup>a</sup>     | 12.0             | +0.4                       | Near average  |
| Tauranga <sup>b</sup>     | 11.9             | +1.0                       | Above average |
| Hamilton <sup>c</sup>     | 9.7              | +0.3                       | Near average  |
| Wellington <sup>d</sup>   | 10.1             | +0.5                       | Near average  |
| Christchurch <sup>e</sup> | 6.6              | +0.1                       | Near average  |
| Dunedin <sup>f</sup>      | 8.0              | +0.7                       | Above average |
| Rainfall                  |                  |                            |               |
| Location                  | Rainfall (mm)    | % of normal                | Comments      |
| Auckland <sup>a</sup>     | 472              | 123                        | Above normal  |
| Tauranga <sup>b</sup>     | 543              | 148                        | Above normal  |
| Hamilton <sup>c</sup>     | 497              | 128                        | Above normal  |
| Wellington <sup>d</sup>   | 524              | 128                        | Above normal  |
| Christchurch <sup>e</sup> | 149              | 78                         | Below normal  |
| Dunedin <sup>f</sup>      | 213              | 129                        | Above normal  |
| Sunshine                  |                  |                            |               |
| Location                  | Sunshine (hours) |                            |               |
| Auckland <sup>a</sup>     | 511              |                            |               |
| Tauranga <sup>b</sup>     | 512              |                            |               |
| Hamilton <sup>i</sup>     | 448              |                            |               |
| Wellington <sup>d</sup>   | 389              |                            |               |
| Christchurch <sup>e</sup> | 438 <sup>3</sup> |                            |               |
| Dunedin <sup>f</sup>      | 328              |                            |               |

<sup>a</sup> Māngere <sup>b</sup> Tauranga Airport <sup>c</sup> Hamilton Airport <sup>d</sup> Kelburn <sup>e</sup> Christchurch Airport <sup>f</sup> Musselburgh <sup>g</sup> Ruakura

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<sup>3</sup> Missing one day of data.

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## Highlights and extreme events

This section contains information pertaining to some of the more significant highlights and extreme events that occurred during winter 2025. Note that a more detailed list of significant weather events for winter 2025 can be found in the *Highlights and extreme events* section of NIWA's Monthly Climate Summaries. These monthly summaries may be viewed [here](#).

### Temperatures

The highest temperature was 23.2°C, observed at Whakatu on 5 June. The lowest temperature was -12.9°C, observed at Aoraki Mt Cook Airport on 8 June.

On 28 July, relatively high temperatures occurred over southern parts of New Zealand, with Milford Sound and Puysegur Point setting new record high daily maximum temperatures for winter. Milford Sound reached 19.3°C, and it was notable that this temperature was recorded well after sunset, between 8:00-9:00 p.m. local time.

### Record or near-record daily maximum air temperatures for winter were recorded at:

| Location                     | Extreme maximum (°C) | Date of extreme temperature | Year records began | Comments          |
|------------------------------|----------------------|-----------------------------|--------------------|-------------------|
| High records or near-records |                      |                             |                    |                   |
| Kaitaia                      | 22.3                 | Aug-28th                    | 1948               | Highest           |
| Kerikeri                     | 22.0                 | Jun-9th                     | 1945               | Highest           |
| Milford Sound                | 19.3                 | Jul-28th                    | 1934               | Highest           |
| Puysegur Point               | 18.4                 | Jul-28th                    | 1978               | Highest           |
| Kawerau                      | 22.1                 | Jun-5th                     | 1954               | Equal highest     |
| Purerua                      | 20.6                 | Jun-5th                     | 1983               | 2nd-highest       |
| Tiri Tiri Lighthouse         | 19.5                 | Jun-11th                    | 1982               | 2nd-highest       |
| Brothers Island              | 18.1                 | Jun-2nd                     | 1997               | 2nd-highest       |
| South West Cape              | 17.5                 | Jul-28th                    | 1991               | 2nd-highest       |
| Campbell Island              | 13.3                 | Jun-25th                    | 1991               | 2nd-highest       |
| Māhia                        | 20.8                 | Jun-5th                     | 1990               | Equal 2nd-highest |
| Mokohinau Island             | 19.2                 | Jun-4th                     | 1994               | 3rd-highest       |
| Tūrangi                      | 19.0                 | Aug-27th                    | 1968               | 3rd-highest       |
| Lower Retaruke               | 20.0                 | Aug-27th                    | 1966               | 3rd-highest       |
| Oban (Stewart Island)        | 16.9                 | Jun-3rd                     | 1975               | 3rd-highest       |
| Chatham Island               | 17.5                 | Jun-5th                     | 1878               | 3rd-highest       |
| Kaitaia                      | 21.2                 | Jun-11th                    | 1948               | Equal 3rd-highest |
| Waiheke Island               | 19.8                 | Jun-4th                     | 1985               | Equal 3rd-highest |
| Auckland (Whenuapai)         | 21.0                 | Jul-4th                     | 1945               | 4th-highest       |
| Whitianga                    | 21.5                 | Jul-4th                     | 1962               | 4th-highest       |
| Dannevirke                   | 20.9                 | Jun-4th                     | 1951               | 4th-highest       |
| Waipara West                 | 22.7                 | Jul-29th                    | 1973               | 4th-highest       |
| Five Rivers                  | 18.6                 | Jun-25th                    | 1982               | 4th-highest       |
| Low records or near-records  |                      |                             |                    |                   |
| Waiheke Island, Awaroa V     | 10.5                 | Jun-02nd                    | 1985               | 4th-lowest        |

**Record or near-record daily minimum air temperatures for winter were recorded at:**

| Location                     | Extreme minimum (°C) | Date of extreme temperature | Year records began | Comments          |
|------------------------------|----------------------|-----------------------------|--------------------|-------------------|
| Low records or near-records  |                      |                             |                    |                   |
| Tūrangi                      | -8.1                 | Jul-25th                    | 1968               | Lowest            |
| Whakatu                      | -4.7                 | Jun-8th                     | 1965               | 3rd-lowest        |
| High records or near-records |                      |                             |                    |                   |
| Whakatāne                    | 16.4                 | Jun-5th                     | 1975               | Highest           |
| Waipounamu                   | 12.2                 | Jun-3rd                     | 1980               | Highest           |
| Oban (Stewart Island)        | 11.4                 | Jun-3rd                     | 1975               | Equal highest     |
| Motu                         | 11.8                 | Jul-5th                     | 1990               | 2nd-highest       |
| Ohakune                      | 12.3                 | Jun-27th                    | 1972               | 2nd-highest       |
| Cape Reinga                  | 16.1                 | Jun-10th                    | 1971               | Equal 2nd-highest |
| Hicks Bay                    | 16.6                 | Jun-5th                     | 1972               | Equal 2nd-highest |
| Waipara West                 | 15.0                 | Jun-26th                    | 1973               | Equal 2nd-highest |
| Auckland (Western Springs)   | 16.1                 | Jun-27th                    | 1971               | 3rd-highest       |
| Matamata                     | 14.5                 | Jun-27th                    | 1999               | 3rd-highest       |
| Waikeria                     | 14.9                 | Jun-27th                    | 1972               | 3rd-highest       |
| Taumarunui                   | 14.2                 | Jun-27th                    | 1947               | 3rd-highest       |
| Whanganui                    | 15.7                 | Jun-5th                     | 1972               | 3rd-highest       |
| Motueka                      | 12.3                 | Jun-27th                    | 1972               | 3rd-highest       |
| Orari                        | 10.3                 | Jun-26th                    | 1972               | 3rd-highest       |
| South West Cape              | 11.8                 | Jun-3rd                     | 1991               | 3rd-highest       |
| Mokohinau Island             | 16.7                 | Jun-12th                    | 1994               | Equal 3rd-highest |
| Whitianga                    | 16.3                 | Jun-5th                     | 1971               | Equal 3rd-highest |
| Port Taharoa                 | 15.2                 | Jun-27th                    | 1974               | Equal 3rd-highest |
| Puysegur Point               | 13.2                 | Jul-29th                    | 1978               | Equal 3rd-highest |
| Stratford                    | 12.7                 | Jun-27th                    | 1972               | 4th-highest       |
| Whanganui                    | 15.4                 | Jun-27th                    | 1972               | 4th-highest       |
| Tiwai Point                  | 10.3                 | Aug-28th                    | 1972               | Equal 4th-highest |

**Rain, flooding, and slips**

The highest 1-day rainfall was 164 mm, recorded at Motueka on 11 July.

On 27 June, heavy rain caused widespread flooding in Tasman, Nelson, and Marlborough, and a state of emergency was declared for these regions. Homes in Moutere, Brightwater, and Spring Creek were evacuated, while residents in Tapawera and Tadmor Valley were advised to head to higher ground. Blenheim's sewer network was overloaded with residents of several streets asked to limit water use. Approximately 60 northern South Island roads were closed due to flooding and fallen trees including SH1 from Spring Creek to Koromiko, SH6 from Havelock to Hira and Richmond to Belgrove, SH60 from Richmond to Collingwood, and SH63 from Renwick to St Arnaud.

On 3 July, heavy rain and occasional torrential downpours associated with thunderstorms caused widespread surface flooding in Taranaki and nearby areas. Several roads were closed due to flooding and slips including SH45 at Stony River near Ōkato, SH45 at Manaia, SH3 from Mokau to



Mahoenui, and SH43 between Whangamōmona. Eight passengers were rescued from a bus that became stuck in floodwaters in Stratford.

On 11 July, persistent heavy rainfall caused significant flooding in the Tasman region. Dozens of homes suffered damage and at least four were red-stickered (unfit for habitation), with 21 yellow-stickered. Approximately 50 local roads were closed, with many schools, kindergartens and playcentres also closed. Around 13,000 homes across Motueka and Golden Bay lost power. Hundreds of people were forced to evacuate their homes. The Nelson Tasman region was placed under a state of emergency, which remained in place until 17 July.

**Record or near-record winter extreme 1-day rainfall totals were recorded at:**

| Location              | Extreme 1-day rainfall (mm) | Date of extreme rainfall | Year records began | Comments    |
|-----------------------|-----------------------------|--------------------------|--------------------|-------------|
| Rotorua               | 155                         | Jul-29th                 | 1964               | Highest     |
| Lower Retaruke        | 96                          | Jul-29th                 | 1967               | Highest     |
| Ripia                 | 151                         | Jun-16th                 | 1967               | Highest     |
| Brightwater           | 167                         | Jun-27th                 | 1967               | Highest     |
| Sevenoaks             | 84                          | Jun-26th                 | 1902               | Highest     |
| Living Springs        | 122                         | Jun-9th                  | 1978               | Highest     |
| Lumsden               | 47                          | Jun-27th                 | 1982               | Highest     |
| Ettrick               | 60                          | Jun-29th                 | 1950               | Highest     |
| Taumata               | 44                          | Jun-30th                 | 2001               | Highest     |
| Pikowai               | 123                         | Jun-10th                 | 2000               | 2nd-highest |
| Whatawhata            | 84                          | Jul-29th                 | 1952               | 2nd-highest |
| Mangakowhai           | 102                         | Jul-29th                 | 1995               | 2nd-highest |
| Waituna               | 47                          | Jul-3rd                  | 1984               | 2nd-highest |
| Pakawau               | 155                         | Jun-26th                 | 1984               | 2nd-highest |
| Motueka               | 164                         | Jul-11th                 | 1956               | 2nd-highest |
| Appleby               | 112                         | Jun-26th                 | 1932               | 2nd-highest |
| Awatere Valley        | 91                          | Jun-26th                 | 1932               | 2nd-highest |
| Alexandra             | 34                          | Jun-27th                 | 1922               | 2nd-highest |
| Glenledi              | 67                          | Jun-28th                 | 1984               | 2nd-highest |
| Tautuku               | 46                          | Jun-27th                 | 1976               | 2nd-highest |
| Awakeri               | 122                         | Jul-29th                 | 1962               | 3rd-highest |
| Rainbow Point         | 66                          | Jul-29th                 | 1978               | 3rd-highest |
| Karapiro Heights      | 57                          | Jul-29th                 | 2001               | 3rd-highest |
| Port Taharoa          | 50                          | Jul-3rd                  | 1973               | 3rd-highest |
| Urenui                | 84                          | Jul-3rd                  | 2003               | 3rd-highest |
| Te Kuiti              | 103                         | Jul-29th                 | 1957               | 3rd-highest |
| Owhango               | 69                          | Jul-29th                 | 1967               | 3rd-highest |
| Kaihoka               | 141                         | Jun-26th                 | 1983               | 3rd-highest |
| Blenheim              | 97                          | Jun-26th                 | 1927               | 3rd-highest |
| Boyle River Lodge     | 95                          | Jun-18th                 | 1984               | 3rd-highest |
| Mt Somers             | 70                          | Jun-4th                  | 2000               | 3rd-highest |
| Lyndhurst             | 97                          | Jun-6th                  | 1934               | 3rd-highest |
| Five Rivers           | 36                          | Jun-27th                 | 1982               | 3rd-highest |
| Oban (Stewart Island) | 51                          | Jun-5th                  | 1975               | 3rd-highest |
| Whangapoua            | 78                          | Jun-5th                  | 1991               | 4th-highest |
| Taupō                 | 79                          | Jul-29th                 | 1949               | 4th-highest |



|                       |     |          |      |             |
|-----------------------|-----|----------|------|-------------|
| Tūrangi               | 68  | Jul-29th | 1968 | 4th-highest |
| Tarata                | 108 | Jul-3rd  | 1951 | 4th-highest |
| Sanson                | 48  | Jul-3rd  | 1973 | 4th-highest |
| Norbury               | 42  | Jul-3rd  | 1999 | 4th-highest |
| Arapito               | 84  | Jun-26th | 1978 | 4th-highest |
| Murchison             | 72  | Jun-26th | 1997 | 4th-highest |
| Pelorus Sd, Crail Bay | 107 | Jun-26th | 1982 | 4th-highest |
| Brothers Island       | 44  | Jul-4th  | 1983 | 4th-highest |
| Ophir                 | 31  | Jun-27th | 1924 | 4th-highest |
| Clyde                 | 26  | Jun-27th | 1978 | 4th-highest |

## Wind

The highest wind gust was 191 km/h, observed at Cape Turnagain on 1 June.

On 27 June, strong winds associated with squally thunderstorms hit many parts of Auckland. Trees were downed in Mt Eden and on SH1 near Highbrook Drive (Ōtara), the facade of a building in Avondale was damaged, and considerable debris was blown onto a road in Blockhouse Bay. Power outages were reported in Glen Eden and Ellerslie.

On 12 July, approximately 5,200 Banks Peninsula properties were without power due to strong winds bringing down vegetation and trees onto power lines.

## Record or near-record winter extreme wind gusts were recorded at:

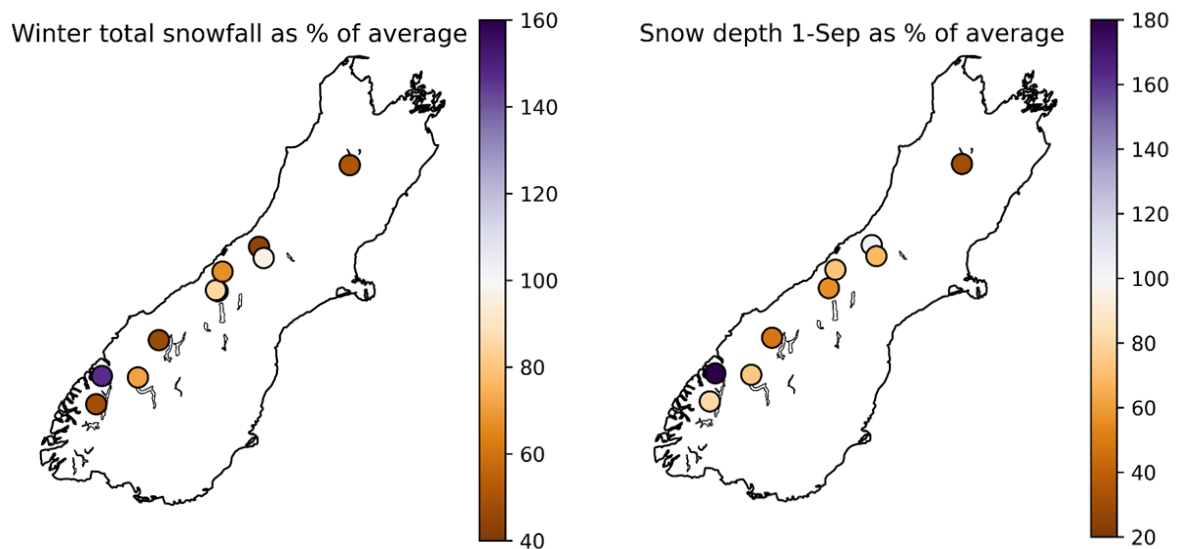
| Location         | Extreme wind gust (km/h) | Date of extreme gust | Year records began | Comments    |
|------------------|--------------------------|----------------------|--------------------|-------------|
| Clyde            | 104                      | Aug-28th             | 1983               | Highest     |
| Castlepoint      | 156                      | Jun-5th              | 1972               | 3rd-highest |
| Secretary Island | 135                      | Jun-25th             | 1994               | 3rd-highest |
| Te Kuiti         | 65                       | Aug-31st             | 2003               | 4th-highest |
| Puysegur Point   | 157                      | Aug-27th             | 1986               | 4th-highest |
| Richmond         | 101                      | Jul-11th             | 1972               | 4th-highest |
| Alexandra        | 93                       | Jun-25th             | 2001               | 4th-highest |

## Snow and ice

From 6-7 June, snow fell to low elevations across the South Island. Heaviest snowfalls occurred in inland parts of Canterbury, especially about Lake Tekapo where approximately 40 cm of snow was reported. NIWA's climate station at Mt Cook Village measured a peak snow depth of approximately 33 cm (noting around 9 cm snow depth remained from the fall on 5 June). Mt Hutt ski area reported 90 cm of new snow. The snow closed numerous roads across the South Island including SH7 from Hanmer Springs to Springs Junction, SH8 from Fairlie to Twizel, SH73 from Springfield to Otira, SH79 from Fairlie to Gudex Road, SH80 from Aoraki/Mount Cook to Lake Pukaki, the Crown Range Road, SH85 from Alexandra to Palmerston, and SH87 from Mosgiel to Kyeburn. Farther north, around 30 cm of snow was reported at Manganui Ski Area on Mt Taranaki, allowing them to run their T-Bar and become New Zealand's first ski area to operate in winter 2025.

By the end of winter, a lack of snowfall meant Mt Cheeseman, Temple Basin, and Rainbow ski areas had been unable to open at all for the winter season.

Winter total snowfall was well below average (less than half of average) at Mahanga in the Nelson Lakes, as well as at mid to lower elevation sites (1100-1400 m) in central and southern areas of the South Island. Murchison Mountains had its lowest snowfall total on record, while Albert Burn and Mahanga had their second-lowest snowfall totals on record, and Ivory Glacier its third-lowest snowfall total on record. Higher elevation sites near Queenstown (Mt Larkins) and Aoraki Mt Cook (Mueller Hut) had lower-than-average but not record-low winter snowfall. Upper Rakaia and Aoraki Mt Cook Village experienced near-average winter snowfall, mostly due to large snowfall totals in June. The exposed Castle Mount site in Fiordland experienced above average snowfall due to site-specific conditions (warmer cohesive snowfall in early winter). Snow depth on 1 September 2025 follows a similar pattern of lower winter-end snow depth, though snowfall in the last few days of August brought snow depth closer to average at many sites (e.g. Ivory Glacier).



### Lightning, hail, and tornadoes

On 11 June, squally thunderstorms struck many parts of the North Island. A tornado was reported in western Taranaki near Pungarehu, with localised damage to trees and power outages reported about Lower Pungarehu Rd. A funnel cloud was spotted near Ōkato, with large hail falling in Warea.

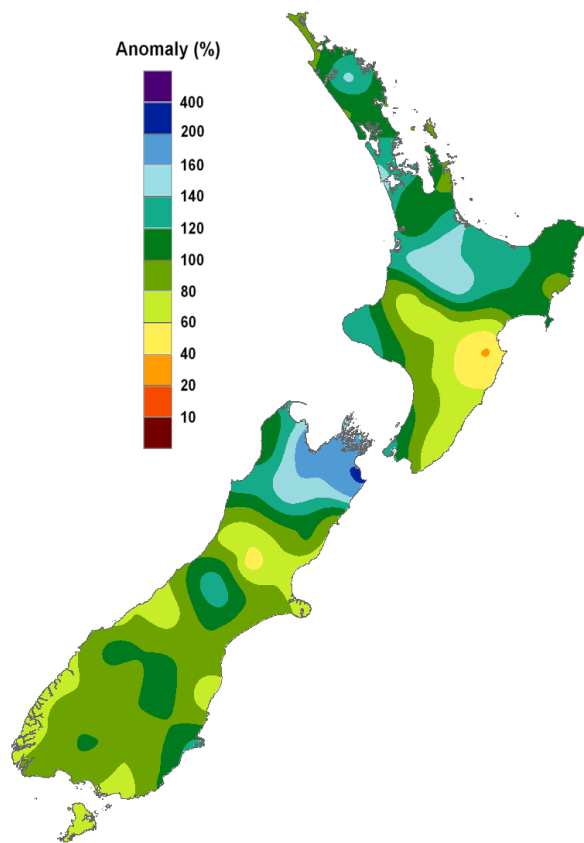
On 28 June, a suspected tornado blew the roofs off 11 homes in Waitara (Taranaki). No injuries were reported.

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**For further information, please contact:**

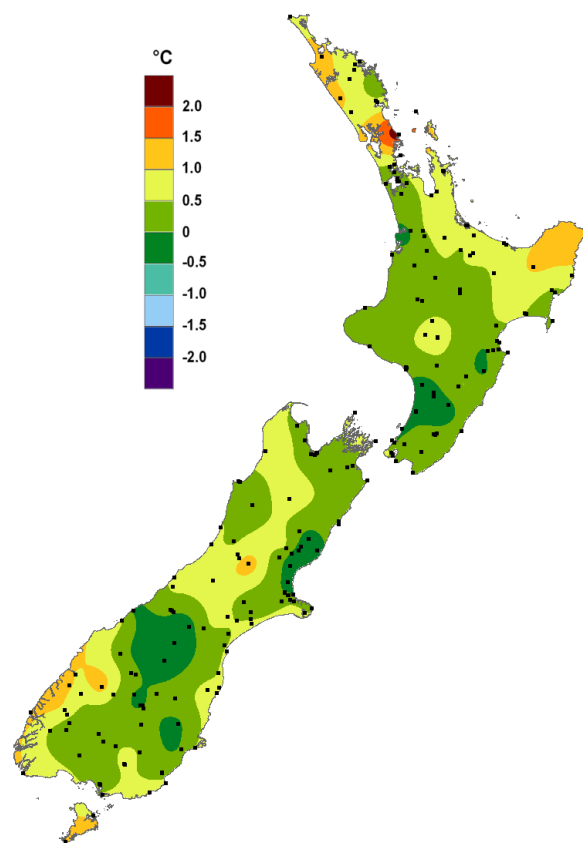
**Gregor Macara**

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### Winter rainfall

Expressed as a percentage of the 1991-2020 normal.



### Winter temperature

Expressed as a departure from the 1991-2020 average in degrees Celsius.

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