

Title	Demonstrate knowledge of weather information for an outdoor activity		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to demonstrate: knowledge of: weather forecast information; and weather information to plan for an outdoor recreation activity.
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Classification	Outdoor Recreation > Weather Interpretation in the Outdoors
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Available grade	Achieved
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Guidance Information

- 1 All learning and assessment within this standard must be carried out in accordance with the following as relevant:
 - Te Tiriti o Waitangi/Treaty of Waitangi principles of partnership, protection and participation;
 - relevant legislation including Health and Safety at Work Act 2015, Health and Safety at Work (Adventure Activities) Regulations 2016, Privacy Act 2020, Children’s Act 2014 and Human Rights Act 1993, and all subsequent amendments and associated regulations;
 - industry guidelines, including any relevant Good Practice Guide, in particular Tramping, found at <http://www.supportadventure.co.nz/good-practice/good-practice-guidelines/> and Activity Specific Guidelines, found at <http://www.supportadventure.co.nz/good-practice/activity-safety-guidelines-2/>;
 - industry codes such as the Mountain Safety Council Land Safety Code, available from <https://www.mountainsafety.org.nz/land-safety-code/> and Leave No Trace principles and relevant Care codes, all available from <https://www.doc.govt.nz/parks-and-recreation/know-before-you-go/care-codes/>, and any relevant activity specific industry codes;
 - a Safety Management System (SMS) including organisational policies and procedures covering risk management, incident and emergency response, and the use of personal protective equipment (PPE);
 - current industry good practice.

- 2 Definitions

Current industry good practice means the range of actions currently accepted within the adventure and outdoor sector to manage the risk of harm to staff, participants, and others.

Outdoor recreation activity means any recreational activity planned to take place out of doors, such as a sporting event, school field trip, bush-walk, snowsport, or mountain biking, for which a change in the weather may have an impact on plans.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of weather forecast information.

Performance criteria

1.1 Describe types of weather information available from two different sources.

Range types of weather information may include – 48 hour site forecast, multi-day forecasts, wind forecast, rain forecast, rain radars, hourly observations and forecasts, satellite imagery, severe weather watches and warnings.
sources may include – internet, television, newspaper, radio.

1.2 Identify weather map symbols.

Range symbols include but are not limited to – highs, lows, fronts (warm, cold, stationary, occluded), isobars.

1.3 Describe highs, lows, fronts (warm, cold, stationary, occluded) and isobars in terms of understanding weather.

Outcome 2

Demonstrate knowledge of weather information to plan for an outdoor recreation activity.

Performance criteria

2.1 Obtain a weather forecast for the location for a planned outdoor recreation activity.

2.2 Describe actions that could be taken for an outdoor recreation activity in response to the weather forecast.

Range actions include but are not limited to – clothing and equipment to take, location selection, decision to go or not to go.

Replacement information	This unit standard and unit standard 20160 replaced unit standard 435.
Planned review date	31 December 2025

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 October 2004	31 December 2023
Review	2	20 August 2010	31 December 2023
Review	3	28 October 2021	N/A

Consent and Moderation Requirements (CMR) reference

0099

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Skills Active Aotearoa Limited info@skillsactive.org.nz if you wish to suggest changes to the content of this unit standard.