

ASSESSMENT GUIDELINES

Unit 19138

Monitor and interpret weather information

Level 2, Credit 4, version 1

Monitor and interpret weather information

Unit standard 19138

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Level of performance required for this unit standard

This is a level 2 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, as directed; with some responsibility for the standard of the outcome achieved.
- To complete tasks that are established and familiar, with a moderate range of skill and knowledge.
- To apply basic operational knowledge, use readily available information and known solutions to solve familiar problems.

Assessors may consider linking the assessment of this unit standard with assessment for:

19139 Gather and record information from a rain gauge, thermometer, and barometer

This unit standard and unit standard 19139 replace unit standard 32.

Workplace assessment:

For guidelines on Workplace Assessment, please refer to the NZHITO Workplace Assessors Manual, and for further information, please contact: NZHITO, PO Box 8638, Christchurch. Phone 03 9644 735, Fax 03 9644 737, Website www.hortito.org.nz

**Unit 19138: Monitor and interpret weather information
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Recognise the distinctions between weather, climate, and micro-climate characteristics.	Yes/No	<ul style="list-style-type: none"> Distinguish and describe the separate characteristics of weather, climate, and micro climate in terms of determinants, scope, and fluctuations. Interpret weather maps in terms of their symbols and format. Range: MSL chart, isobars, anticyclones, depressions, land contour symbols, troughs and ridges, clouds and rain symbols, stationary and occluded fronts, cold and warm front.
Element 2 Interpret information supplied on weather maps.	Yes/No	<ul style="list-style-type: none"> Identify anticyclone and depression position, direction, and strength, and make a conclusion as to the weather conditions accompanying them. Identify wind direction, wind shifts, and strength at a fixed location over time. Identify ridges of high and low pressure by symbols. Identify presence, type, and movement of different fronts, and make a prediction of likely temperature changes. Identify and describe local factors which modify weather in terms of their typical influence.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 19138 (version 1)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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Please send this page to your NZHITO Regional Manager, who will forward it to National Office to register the credits on your NZQA Record of Learning.

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