

From the RAAZ office

Weather information sources

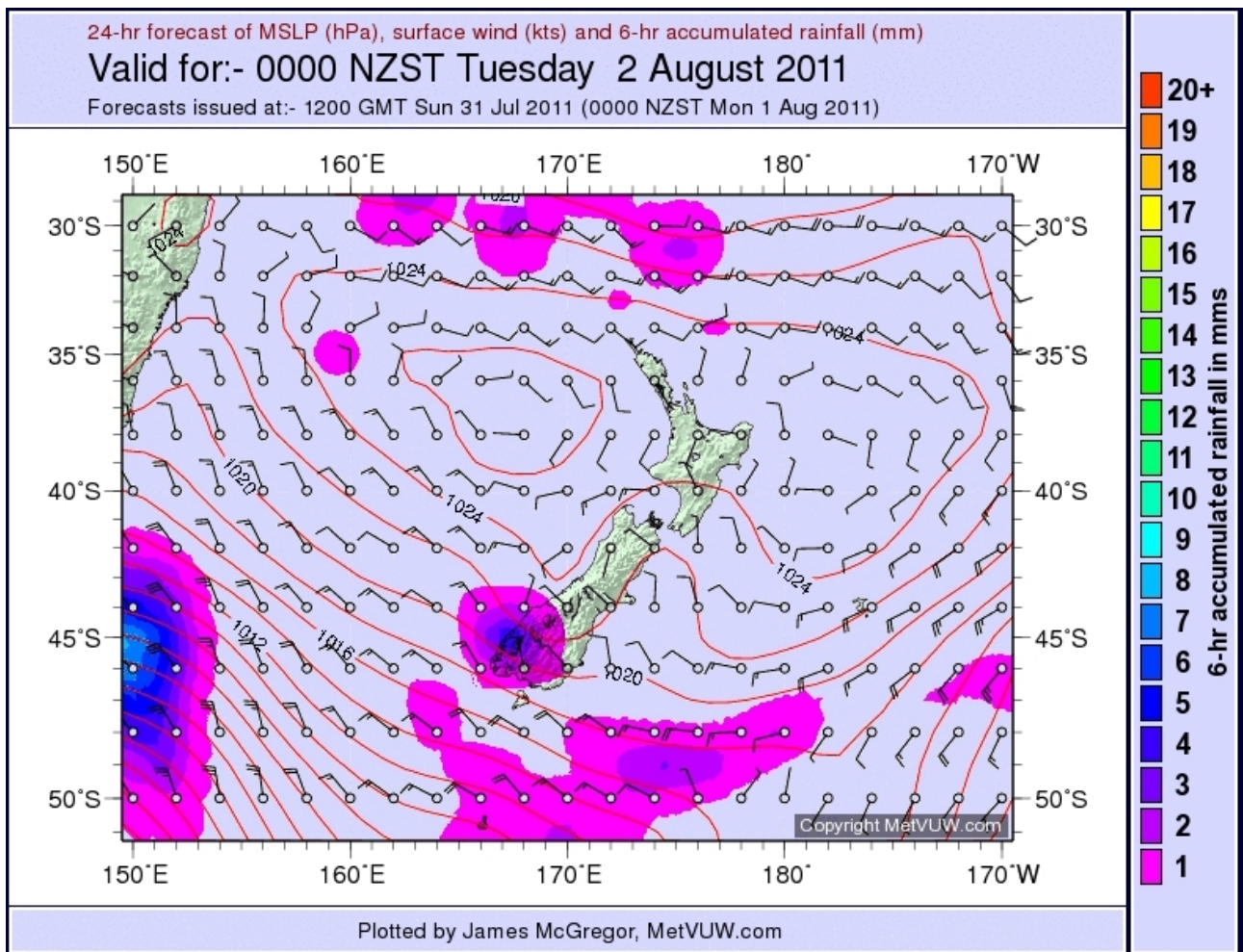
With MetFlight-GA going to user pays, many pilots are looking for alternative sources of reliable weather information for flight planning and decision making.

There are a number of websites that use public domain meteorological information and provide forecasts. These forecasts are typically up to 5 -7 days out and are generally quite reliable, becoming more accurate as the forecast period becomes shorter.

The information they provide is limited to surface conditions (pressure, wind, precipitation and temperature)-suitable for forward planning ('Does Fielding look like a goer for this weekend?') but not for detailed flight planning on the day.

Two sites I use are MetVUW (www.metvuw.com) from Victoria University of Wellington and www.yr.no from Norway Meteorological Institute.

MetVUW provides MSLP, wind and precipitation in 3 hour forecast charts. Easy to read and interpret.



yr.no provides a bit more information- dew point, humidity, cloud cover at 4 levels (fog, low, middle, high) in a very clean easy to read presentation.

Weather forecast for
Hamilton in Waikato (New Zealand)

Updated at 7:03. Next update around 20:00.

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Overview

- Hour by hour
- Long term
- Advanced map
- Statistics

RELEVANT PLACES

- [Hamilton](#)
- [Taihape](#)
- [Melville](#)

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Today, Monday 01/08/2011

Time	Forecast	Temp.	Precipitation	Wind
09:00–12:00		6°	0 mm	Light air, 1 m/s from east
12:00–18:00		10°	0 mm	Light air, 2 m/s from northeast
18:00–00:00		11°	0 mm	Calm, 0 m/s

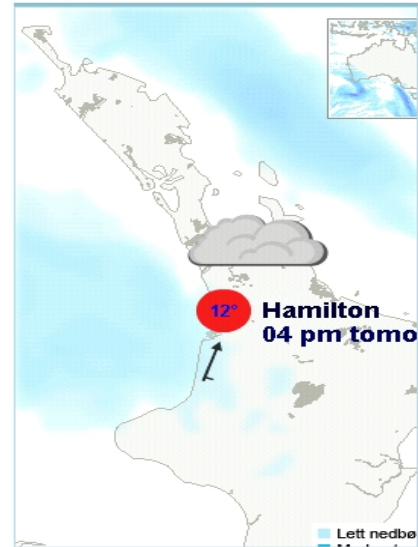
Tomorrow, Tuesday 02/08/2011

Time	Forecast	Temp.	Precipitation	Wind
00:00–06:00		7°	0 mm	Light air, 1 m/s from south
06:00–12:00		4°	0 mm	Light air, 2 m/s from southeast
12:00–18:00		11°	0 mm	Calm, 0 m/s
18:00–00:00		9°	0 mm	Light breeze, 2 m/s from southwest

Wednesday, 03/08/2011

Time	Forecast	Temp.	Precipitation	Wind
00:00–06:00		7°	0 mm	Light air, 1 m/s from north-northwest
06:00–12:00		2°	0 mm	Light breeze, 2 m/s from southeast
12:00–18:00		11°	0 mm	Light air, 2 m/s from southeast
18:00–00:00		10°	0 mm	Light air, 2 m/s from southwest

The forecast shows local time for Hamilton.



Sun and moon, 01/08/2011

Sun	Moon
Sunrise 07:19	Moonrise 07:41
Sunset 17:31	Moonset 19:20

Latitude/longitude: 37°46'59"S 175°16'59"E
 Decimal coordinates: -37.7833 175.2833

Altitude: 28 m.

📍 See it on: [Google Maps](#)

Information about the place name
 Nordic languages: Hamilton (Norwegian, Swedish).
 Other languages: Hamilton (English, Spanish, German, French), ハミルトン (Japanese), Гамильтон (Russian), 汉密尔顿 (Chinese). International place names from the [Geonames](#) database... Category: regional capital
 Region: Waikato, New Zealand.

[Show more](#)

Detailed hourly forecast for
Hamilton in Waikato (New Zealand)

Updated at 7:03. Next update around 20:00.

★ Remove from My places Forecast as PDF

Overview

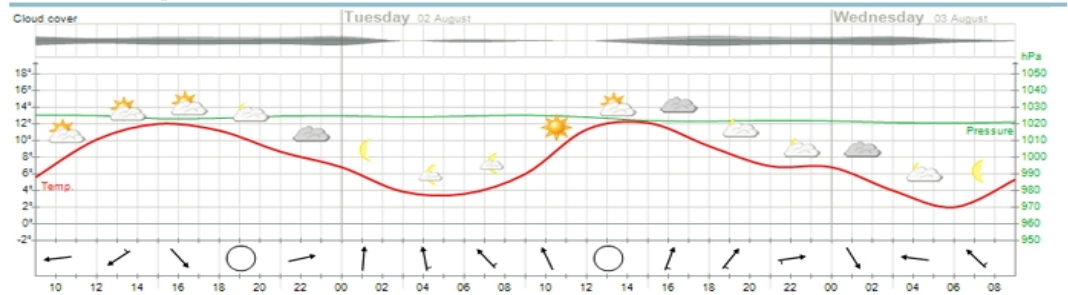
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Detailed meteogram, next 48 hours



Detailed forecast July 31, 2011

Time	Weather	Temp.	Precipitation	Wind	Pressure	Humidity	Dew point	Cloud cover				
								Total	Fog	Low clouds	Middle clouds	High clouds
10:00		10°	0 mm	Light air, 2 m/s from northeast	1025 hPa	79 %	7°	59 %	0 %	59 %	10 %	0 %
13:00		12°	0 mm	Light air, 1 m/s from northwest	1023 hPa	70 %	7°	70 %	0 %	70 %	25 %	0 %
16:00		11°	0 mm	Light air, 0 m/s from east-northeast	1023 hPa	72 %	6°	66 %	0 %	64 %	29 %	0 %
19:00		9°	0 mm	Calm, 1 m/s	1025 hPa	78 %	5°	67 %	0 %	67 %	20 %	0 %
22:00		7°	0 mm	Light air, 1 m/s from south	1025 hPa	84 %	4°	92 %	0 %	92 %	20 %	0 %

Detailed forecast August 1, 2011

Time	Weather	Temp.	Precipitation	Wind	Pressure	Humidity	Dew point	Cloud cover				
								Total	Fog	Low clouds	Middle clouds	High clouds
10:00		10°	0 mm	Light air, 2 m/s from northeast	1025 hPa	79 %	7°	59 %	0 %	59 %	10 %	0 %
13:00		12°	0 mm	Light air, 1 m/s from northwest	1023 hPa	70 %	7°	70 %	0 %	70 %	25 %	0 %
16:00		11°	0 mm	Light air, 0 m/s from east-northeast	1023 hPa	72 %	6°	66 %	0 %	64 %	29 %	0 %
19:00		9°	0 mm	Calm, 1 m/s	1025 hPa	78 %	5°	67 %	0 %	67 %	20 %	0 %
22:00		7°	0 mm	Light air, 1 m/s from south	1025 hPa	84 %	4°	92 %	0 %	92 %	20 %	0 %

None of these websites provides all the information needed to properly plan a significant (out of area) cross-country flight. You also need to know winds aloft, cloudbase, actuals and forecasts for areas, destination and alternates, and any significant weather such as fronts, thunderstorms, turbulence. That information is currently only available from MetFlight-GA.

In the interests of continued flight safety, we recommend that despite the cost, you continue to make use of the MetFlight-GA information. Costs can be reduced by sharing the information- eg get a daily country-wide briefing and put the printout up in the clubrooms for all to use.

By all means include other data sources in your planning- other websites, pilot reports, calls to a pilot at your destination. But we don't want to hear on the news about weather related incidents where the pilot has skipped a weather briefing because of the cost. The cost is cheap compared to a bent plane or pilot.

RAANZ is a member of the NZ Aviation Federation, an organisation covering all recreational pilot groups. The NZAF has been active in lobbying for ongoing free access to MetFlight-GA, and is continuing to do so.

Airworthiness Directives

DCA/MICRO/15 Rotor Blades – Life Limit

Applicability:

Model Rotorsport MT-03, MTOSport and Calidus gyroplanes fitted with rotor blades P/N:

Aircroper 8.4m blade (MT Series) – P/N RSD7033.

Autogyro 8.4m blade (MT series) – P/N RSD7040.

Autogyro 8m blade (MT Series) – P/N RSD7139.

Autogyro 8.4m (Calidus) blade – P/N C.RK20 (BG1448).

Note:

This AD supersedes DCA/MICRO/11A to introduce a blade life limit of 700 hours for affected rotor blades. The blade life limit was determined by the manufacturer through further investigation and fatigue assessment of the blade design. The blade inspections in Rotorsport UK Ltd. SB No. 034 issue 3 has been introduced into the aircraft maintenance schedule.

Requirement:

To prevent rotor blade failure due to possible cracks, bends and fretting which can result in loss of aircraft control, accomplish the following:

Review the aircraft records and determine the hours TTIS for the rotor blades.

If any blade has been in service beyond 700 hours TTIS, replace affected blades before further flight.

((UK CAA Emergency Mandatory Permit Directive 2011-006-E refers)

Compliance:

Within the next 10 hours TIS.

Effective Date:

28 July 2011

Incident/defect reports

Members- to notify incidents or defects, [use our reporting forms](#).

None received

Member contributions

Members- if you want to contribute, [email your article](#).

Father and Daughter solo!

Shane Fleming/Takaka

On Saturday the 25th June Blue Horton, flew solo for the first time. What made this even more special was his that daughter Alice also went solo the same day.

Blue and Alice both decided to learn to fly in December last year, and have been having flying lessons with Shane Fleming at the Golden Bay Flying Club. As Alice lives and works in Motueka we have done an occasional training flight there. On Saturday we planned to do this again, and to practice landing at an unfamiliar aerodrome.

Shane had arranged for Alistair Hart, ATO and Air Nelson Q300 Captain to fly with each trainee and see if they were ready to go solo for the first time. Each first did 3 or 4 landings with Shane to get familiar with the different runway, and then it was time for a flight with Alistair. After 3 more landings the plane arrived back, sat idling for a couple of minutes then Alistair got out and it was up to Blue to do it on his own. After a fantastic first solo flight it was Alice's turn to go with Alistair, with the same result.

Two very proud new pilots who are now continuing to gain more skills around Takaka aerodrome. They both went solo again at Takaka this past weekend, which is a bit more challenging than Motueka, but they handled it well.



Alistair Hart, Alice Horton, Blue Horton, and Shane Fleming in front of the Plane they went solo in, Zenair 601XL ZK-TKA of the Golden Bay Flying Club

What's on

Want your event listed here? [Email me](#)

CAA Flight Instructor Seminars 2011

RAANZ Flight Instructors- this seminar satisfies the requirements to attend an Instructional Techniques

course before advancing to Senior Flight Instructor.

Theme

Threats and Errors

Programme

0900 – 0925	Coffee on arrival	(provided by our sponsors)
0925 – 0930	Housekeeping	
0930 – 1030	Mountain training progress check	Carlton Campbell
1030 – 1130	UAV threats	Rex Kenny
1130 – 1200	The licence process – threats and errors	Carlton Campbell
1200 – 1300	Lunch	(provided by our sponsors)
1300 – 1400	Airspace and aerodrome threats	Mike Haines
1400 - 1430	Application of TEM in GA	Paul Kearney (WN)
		Jay Peters (CH)
	Application of TEM in Helicopters	Ashley Buckle (AA)
		David Sowman (WN)
		Neil Scott (CH)
	Assessing TEM in GA	Dan O'Reilly (AA)
		Graham Leach (WN)
		Peter Dixon (CH)
	Assessing TEM in helicopters	Brendon Bourne (AA)
		Ross Troughton (WN)
		Mark Watson (CH)
		Frank Parker (AA)
1430 – 1500	Accidental threats in flight instruction	Ian McClelland
1500 – 1515	Afternoon tea	(provided by our sponsors)
1515 – 1630	Hazardous attitudes	Dr. Claude Preitner

Sponsored by: Aviation Services Ltd (ASL)
Aviation, Tourism and Travel
Training Organisation (ATTTO)
Aviation Industry Association of NZ (AIA)
Accelerated Flight Testing
Flight Test NZ
Flying NZ (RNZAC)
Airways New Zealand
NZ Airports Association

Venues:

Wellington - 9 Aug 2011

Brentwood Hotel
Kilbirnie

Christchurch - 16 Aug 2011

Copthorne Hotel Commodore
449 Memorial Avenue

Auckland - 23 Aug 2011

Jet Park Airport Hotel
Mangere

Seminar Fee:

\$50

[Flight Instructor Seminar - Registration Form](#)

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Membership changes

Samuel Orchard	Nelson Microlight Club	FRTO	Advanced Local
Thomas Hunt	Kaitaia Aero Club	Appointment	Inspection Authority
Anthony Greenwood	Canterbury Recreational Aircraft Club	Joined	Novice
Raymond Thomas	Southern Recreational Aircraft Club	Joined	Novice

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