

AGC Weekly News

The weekly newsletter of the Auckland Gliding Club at Drury, Auckland

Drury Airfield conditions And other facts of interest

Airfield Report

We hope that those in the northern and eastern suburbs of the city have either escaped or are now well into the clean up after the summer deluge.

<https://www.metservice.com/towns-cities/locations/auckland/past-weather>

For those of us in the south near the airfield, the aftermath has been quite mild, the entrance driveway has a few more potholes, but the airfield is holding up well, it should respond well to a few days of sunshine and maybe a little wind. I appreciate the daily information from club members such as Hugh Warren.

The first Contest of the Season?

The next few days for those of us, including myself, involves a shift down to Matamata to prepare for the Club Class Nationals (3rd to 12th) and some good soaring weather. The Waikato ground will still be a little soggy until the thermals re-appear, but the overall weather situation looks optimistic for the first successful contest of the season.

https://www.soaringspot.com/en_gb/nz-club-nationals-matamata-2023/downloads

Here is a summary of when each of the summer instructors will be away from Drury with DX and therefore when instruction (**Miha 3rd to 7th, Georg 8th to 12th Feb**) will be therefore available at Drury. The summer instructors can be contacted at Drury either at 09 2948881 or on the club mobile 021 135 4959. Don't forget to make a booking for instruction.

February at Matamata

Friday 3 Georg and ?? (Practice Day)
Sat 4 Georg and Nathan Montano
Sun 5 Georg and Nathan Montano
Mon 6 Georg and Matt Kerrigan
Tues 7 Georg and James Butterworth
Wed 8 Miha and James Butterworth
Thurs 9 Miha and Grant Smith
Fri 10 Miha and Grant Smith

Sat 11 Miha and Jason Smith

Sun 12 Miha and Jason Smith

Georg and Miha have been busy doing maintenance on the DX trailer, watching some IGC flight files of our local area, knowing where to go, and where not. Thank you for your input in making good preparations. Miha now has his GNZ Instructor rating, his NZ tow pilot approval has just been granted by CAA.

Miha now Pawnee rated by CAA

Miha is now approved by CAA to carry out Towing Operations in New Zealand as of now.

His first opportunity will likely be Sunday 5th Feb and subsequent Monday to Friday operations where required, with the exception of the period 8 to 12 February when he will be at Matamata. This means that the requirement for standby tow pilots is relaxed for the foreseeable future, but any availability for other tow pilots to enable Miha to be available for gliding instruction is appreciated.

The NZ gliding scene has some significant differences to those in Europe, lower cloud bases, paddocks to land rather than airfields, electric fences with animals to contend with, European pilots do not get training in paddock landings to the same extent we do. One of the trends that I also see is the move from OLC (Online Contest) to **WeGlide** for daily scoring and all the analysis that goes with it.

WeGlide

<https://www.weglide.org/>

On the following page is an example of all the extra information that comes from the WeGlide algorithms, a new way to improve your flying, I tend to under bank my thermalling, something which I now clearly see in the WeGlide feedback. Note the assessment of how far a pilot detours offtrack.

WeGlide Statistics

General	Dist. [km]	V [kph]	Wind [kn]
1	23.7	48.9	8
2	18.0	74.2	8
3	97.7	95.4	7
4	42.2	61.6	7
5	55.7	89.9	9
6	69.9	107.0	7
	307.3	82.8	8
Thermaling	Count	Time [%]	Climb [kn]
1	4	47.2	2.2
2	1	15.2	2.6
3	3	9.9	2.2
4	3	36.0	1.9
5	6	34.4	2.4
6	1	11.3	2.9
	18	24.3	2.2
Attempts	Count	Time [%]	Climb [kn]
1	2	5.1	0.4
2	5	21.1	1.8
3	5	4.3	1.8
4	3	7.3	0.2
5	0	--	0.0
6	4	4.4	0.1
	18	5.4	1.0
Circling	V [kn]	Radius [ft]	Bank [°]
1	53.1	376	34
2	50.4	362	32
3	54.1	404	33
4	54.0	375	35
5	53.5	390	33
6	54.2	427	31
	53.8	385	34

Glide	V [kn]	Ratio [E]	Detour [%]
1	61.7	36	112
2	67.9	73	108
3	65.2	100	108
4	65.4	62	111
5	74.8	68	101
6	78.3	53	114
	69.3	65	109
Glide phases	Dist. [km]		
V [kn]			
V [kn]			
1	5.2	59.2	63.2
2	3.1	66.3	69.3
3	11.3	63.8	66.6
4	6.5	63.7	66.8
5	7.7	72.8	76.6
6	12.0	74.0	82.0
	8.8	67.1	71.3

WeGlide magazine

New Technology for Safety

<https://magazine.we.glide.org/sotecc-canopy-flash/>

Regards,
Russell




The Met Man Says...

The heavy rain which has affected the North Island this week will have cleared by the weekend; however, we are still forecasting a showery day for Saturday followed by another period of rain that will approach the west late on Sunday. For the lower half of the North Island as well as eastern and southern parts of the South Island, hot temperatures abound through to Sunday with several places expected to top 30 degrees. Rain is expected to affect the west of the South Island on Saturday and become heavy on Sunday as a front comes through from the west.

On Saturday it will be partly cloudy with isolated showers, widespread and some possibly heavy and thundery in the regions from Waikato to Wairarapa, Hawke's Bay and Gisborne in the afternoon and evening.

On Sunday the North Island can expect increasing cloud and isolated showers, with rain developing in the west towards the end of the day.

Hunua

⚠ Severe Weather Watch			
⚠ Severe Thunderstorm Watch			
Friday 3 FEB		Periods of rain, some heavy, turning to showers in the afternoon. Thunderstorms possible in the west afternoon and evening. Northerlies, fresh at first.	▲ 25°C ▼ 19°C
Saturday 4 FEB		Partly cloudy with isolated showers. Northeasterlies.	▲ 26°C ▼ 18°C
Sunday 5 FEB		Mostly cloudy, with showers developing late. Northerlies, becoming fresh in the morning.	▲ 24°C ▼ 17°C

Members' Small Ads



PW5 KF for sale. Current Annual until Dec 2022. Ready to fly. Approx 800 hours flying. Radio, altimeter, airspeed indicator, electric and mechanicals varies. Includes open trailer. **Priced to sell at \$8,000.** Ideal for single ownership or cheap syndicate. Reason for sale is that glider is surplus to requirements. Phone Murray on 0275 875 438



(file photo only)

One share for sale in Grob G109 (ZK-GOC). Touring type motor glider in excellent condition. Upgraded with Limbach L 2400, so has much better take off performance than the standard G109. **Price for share is \$15 000.00.** Contact Russell Jones on 021 180 5544 or email russell.jones@orcon.net.nz

This newsletter was compiled by Peter Wooley wooleypeter@gmail.com

Roster

	Instructor 1	Instructor 2	Tug Pilot	Duty Pilot	Winch Driver
February					
Sat 11	Jonathan Cross	Graham Cochrane		Peter Wooley	
Sun 12	Ross Taylor	John Robertson	Pat Driessen, Brett Nicholls	Patrick Lalor	Grahame
Sat 18	George Schulte	John Bongrain		Peter Himmel	
Sun 19	Russell Thorne	Keith Macy		Tristan Harvey-S	Paul C
Sat 25	Jonathan Cross	Graham Cochrane		Wolfgng Schenk	
Sun 26	Nigel McPhee	Nigel McPhee		AJ Dudley	Bradley
March					
Sat 4	Roy Innes	Graham Cochrane		Allen Pendergrst	
Sun 5	Ross Taylor	John Bongrain		Dylan Watson	
Sat 11	Nigel McPhee	Keith Macy		Frank Excell	
Sun 12	Russell Thorne	Nigel McPhee		Geoff Green	
Sat 18	Jonathan Cross	John Robertson		Geoff Gaddes	
Sun 19	Russell Thorne	Frank Excell		Georgia Schofld	
Sat 25	Roy Innes	Graham Cochrane		Gerard Roberts	
Sun 26	Ross Taylor	Keith Macy		Caleb Rosvall	