

IN BRIEF

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Facebook page

Remember to 'Like' our Facebook page to be kept up to date on Monthly meetings/Talks, Events, Trips, Courses and lots more.

https://www.facebook.com/NZAC-CanterburyWestland-176920578985933/

Future Section Evenings. Save these dates...







MINDSET

INSPIRATION



EMPOWER WOMEN IN CLIMBING!



♦ Black Diamond

Ø SCARPA°





Email Cirrus womensclimbingsummit@gmail.com

THE CANTERBURY WESTLAND SECTION OF NZAC IS PROUD ZTO GET BEHIND THIS GREAT EVENT FOR WOMEN. WE HAVE DONATED 2 PRIZES CONSISTING OF A YEAR'S MEMBERSHIP TO NZAC AND \$150 TOWARDS ANY FUTURE COURSES RUN BY THE CANTERBURY WESTLAND SECTION THAT THE WINNERS CHOOSE TO PARTICIPATE IN.





The CW section will run a mentoring programme for newer alpinists who have come through the NZAC Snowcraft Pathway. The main objective being a climb of Mt. Rolleston in Arthur's Pass.

The programme aims to:

- a) Introduce the mentee to the two popular routes (Otira Slide and Rome Ridge) on Rolleston
- b) Give the mentee the confidence to plan their own trip up and down Rolleston.

The programme will consist of two or three trips and climbs building up to the Rome Ridge climb. It will run August to October. No dates are set as it depends on conditions, avalanche risk and weather.

It is not a matter of putting dates in the diary but rather that we contact you when all the above come together.

Requirements are: own avalanche kit, full shank boots and other appropriate gear, member of NZAC/CW, have completed an NZAC Intermediate Snowcraft Course.

We would ask that you keep a brief list of trips completed from June 2021 for the mentor (it helps to go out on club trips so that you are known and your interest is noted).

An application does not mean an invite onto the programme. Mentees will be selected on the above, plus will depend on the number and availability of mentors.

Additional mentors are also welcome to apply and will be vetted as such.

For Mentors or Mentees please address your interest to cw.tripscoordinator@gmail.com, with the subject line "Mt.Rolleston Mentoring Programme: Winter- Spring 21".



BANFF CHRISTCHURCH 2021

A huge thank-you to all those who attended BANFF, Christchurch 2021. It was a very successful event with a great lineup of films and we sold out with 2800 tickets sold across 4 screenings!





BEALEY SPUR TRAPLINE UPDATE

They say you never forget your first kill. We won't thanks to Laura's green disposal gloves and her pest extraction spatula. This little stoat looks ready for the frying pan.

Congratulations to Laura and all our trap-setters and checkers.

If you would like to assist Laura in checking the trap line (it only needs doing every 4 to 6 weeks), even if its just once or twice a year, please contact Laura on https://www.neews.com





CLUB TRIP: PORTER PASS - FOGGY PEAK - CASTLE HILL PEAK AND RETURN

Porter Pass - Foggy Peak - Castle Hill Peak and return.

Trip going from Porters Pass to Castle Hill Peak (day trip).

The track involves a decently steep climb up to Foggy peak. From there we follow the ridge to Castle Hill Peak.

You must have experience using ice axe and crampons. You will need to be fit enough for carrying a day pack uphill gaining 1175m of ascent and 5.1km (one way). Estimated 8+ hour return trip.

This is not a technical trip, but you must be confident on your feet.

MUST have completed NZAC snow 1 or similar course, and know how to move safely on snow in crampons. Must also know self arrest techniques

Must be an NZAC member

Maximum number of participants: 8

THE PLAN: meet in Hornby and carpool to Porters Pass. Have a fun day out then return to Christchurch.

DATE 10TH JULY 2021. Back up day of 11th July, and there is a plan C as well. Be prepared for a change of objective if the weather isn't on our side. Participants will be notified by email.

GEAR: Bring enough warm clothing - including several pairs of gloves. Ice axe, crampons with compatible and suitable boots, helmets (must be worn on the day). Enough food and water for you for the day.

Full gear list is available to those attending.

CAR POOLING: TBC when members are confirmed. Please bring cash for petrol.

CONTACT: Laura on <u>l.wolken@</u>
windowslive.com or
Carys on <u>carys.john92@gmail.com</u>

Trip Application closes Tuesday 6th July 4pm.



FOR SALE

PHONE: Pat (03) 337 0079 EMAIL: pat@slingshot.co.nz

Had little use as I needed a bigger pair. Wonderfully comfortable to walk & ski in, once you get them on which can be a struggle when they are cold.

Price \$400 ono





SAVE THE DATE

WINTER INSTRUCTION

Dates have been set for the 2021 Section Winter instruction programme (see below).

Details on registering for these courses will be released in May via Facebook and in the newsletter. You can email me at cw.winterinstruction@gmail.com to pre-register and I will send you the link to the google form when registrations open. Registration is on a first in first served basis, subject to vetting for suitable experience and fitness.

UPDATE

CHECK OUT THE OPPORTUNITY TO COMPLETE THE AVO COURSE ON SKIS!

16th - 18th July:

Avalanche Awareness (Friday evening theory session then Saturday OR Sunday in the field)

30th July - 1st August:

Basic Snowcraft based at Arthurs Pass (Will be an evening session prior to the course and a follow up day trip, dates to be confirmed)

13th - 15th August:

Basic Snowcraft based at Arthurs Pass (Will be an evening session prior to the course and a follow up day trip, dates to be confirmed)

20 - 22nd August:

Intermediate Snowcraft Course. This will be held at Temple basin

• The Basic Snowcraft and Intermediate Snowcraft Courses are now fully subscribed but please email if you wish to be added to the waiting list for should there be any withdrawals from these courses.

There are still spaces available on the Avalanche Awareness courses.

Also an opportunity to complete this course on skis (Saturday 17th only) for up to six participants.

Please complete the Google form by clicking HERE











Scan the QR code for this great new App and help our local Bivouac store

The Mountain Safety Council have made a great new App called Plan my walk. It is based mainly around tramping at the moment but in time it will be expanded to include Alpine pursuits.

Bivouac is helping to promote the App and we can help our local Christchurch branch with an inter-store challenge by signing up. All you need to do is scan the QR code featured in the advert on the left and click through to either Google play or the App Store.

Bivouac is a great supporter of the NZAC so this is a simple way to show our support back.

bivouac/outdoor

THURS 9 OCTOBER TALK: DR. ROBIN BARRACLOUGH, MOUNTAIN MEDICINE

Dr Robin Barraclough is the speaker for our October section evening. He will be talking about his speciality in Mountian Medicine.

Dr Robin Barraclough is a Fellow of the Royal New Zealand College of General Practic and a GP plus rural hospital medicine practitioner in the 'Land Of The Long White Cloud', Aotearoa, New Zealand. He enjoys being a generalist and says that, "I'm able to put my hand to almost anything that walks, or gets carried through the door!" He came to medicine late in life, doing a graduate entry course in his 30's at Nottingham University. Before that, he worked as as an instructor for Outward Bound Scotland and as a science teacher in various schools around Lancashire.



Working out the weather

By John Roper-Lindsay

This article describes how I look at the weather in the mountains using some of the weather web-sites available.

FIRST OF ALL, a couple of disclaimers – I'm no weather expert, and may well know less about reading the weather than you do. So this is very much a personal perspective. And I don't have any personal connection with any of the web-site businesses I talk about, so no endorsements or rejections!

I think it's useful to hear about how other people read forecasts, the weather itself, and its impact on what we do in the mountains. I've always felt a bit geeky about this, but Tim Robertson's last Section meeting talk on "Alpine Strategy" reinforced how crucial trip planning was, with weather being a key component. So here it is.

PRE-HISTORY

I've always been interested in the weather – the patterns and processes of rain, temperature and wind. I'm from the generation that got its mountain forecast from the Press or, if very organized, from National Radio in mid-afternoon. It was pretty inaccurate and in the pre-PLB era where you wrote your intentions on a card that you left in the DOC visitor centre, it was pretty common to add on a couple of days to your estimated trip duration to account for being stuck waiting somewhere for the river levels to drop after an unforeseen weather "event".

NOW

The problem now is almost the opposite – trying to work out which of the multitude of forecasts to believe; and how accurate a forecast of 20km/hr winds, 2mm/hr rain and 12 degrees is going to be 6 days in advance. So here's what I do.

ONLINE FORECASTING

All forecasting is based on computer models, so my choice of forecast is based on:-

- 1. How accurate the model is for the location I'm going to.
- 2. How easy it is to interpret the forecast.

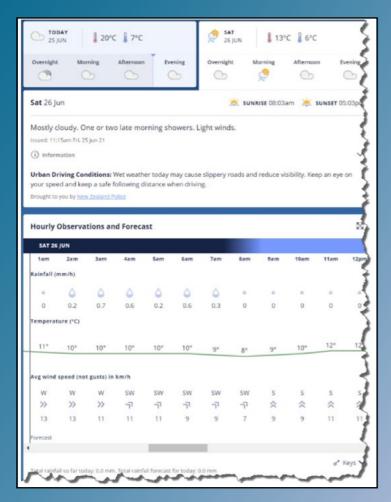
I'm going to comment on the 3 forecasts I use,: Metservice, Metvuw and Windy.

METSERVICE

Metservice is our national weather service, but functions as a commercial company. It is more than a model – it has real people (60 meteorologists) who interpret the model for us and actually write words about their interpretation for the immediate few days. However well you can interpret visual maps, there is nothing like reading "Heavy rain in the headwaters..." to quickly change the plans to gardening. But, there is no human forecasting from 5 days onwards, where the forecast is still just the model. Overall, then Metservice scores really well for 2) (Interpretation).

Working out the weather cont.

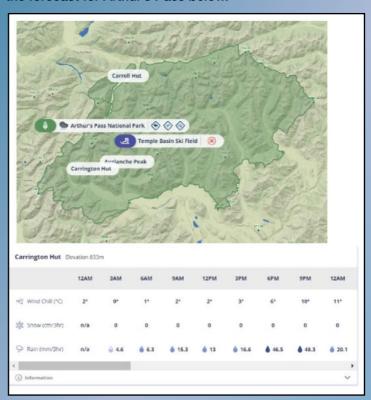
I'd say that Metservice provides a great forecast for the towns and cities, and a really good service for the mountains too. But I do get puzzled occasionally. Look at the forecast below for Christchurch, (which I'm looking at as I write this article at 8pm on Friday 25 th June).



First of all, note that it was produced at 11:15am today. So it hasn't been updated for nearly 9 hours, (the next forecast is at about 20:30), and in a fast-changing weather pattern, that's quite a gap. The other thing is the disparity between the words and the raindrop icons. The words (human) say there may be one or two late morning showers, whereas the raindrop icons(model) are forecasting some light rain between 2am and 8am. Hardly the same thing. Metservice acknowledge that there may be differences, and advise users to give priority to the text forecasts. But I find it a little worrying that the model and human forecast are so different for a period that is only a few hours away.

METSERVICE IN THE MOUNTAINS

As you know, Metservice has forecasts for each of the National Parks, and they now have separate forecasts for key locations in each park, which is really useful. Look at the forecast for Arthur's Pass below.



This is fantastic detail, especially if you're visiting an area close to one of the forecast locations. But if you are visiting an area in the East of the park, you might be better off looking at the Canterbury High Country forecast. This isn't criticism of Metservice – just an indication of how difficult it is to produce a forecast for a National Park that straddles the Divide. And of course many areas of the mountains are simply not covered by these National Park forecasts.

IS IT JUST ME?

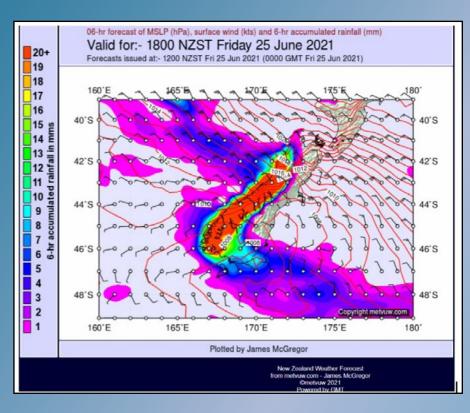
If you look at the above Carrington Hut forecast you will see that there is no forecast temperature. Instead, there is a Wind Chill, but I'd like to know the actual temperature instead (e.g. to work out snow freeze). I'm a bit dubious about the Wind Chill, as there is no information about what wind speed is being used to calculate this. The main forecast does include wind speed at 1000m and 2000m, and Carrington Hut is nearly at 1000m, but Carrington is in a relatively sheltered location, so do they use the main forecast 1000m speed, or a reduced wind speed to reflect its location? It leaves a bit of guesswork.

Working out the weather cont.

METVUW

I don't know how long Metvuw' has been around (10 years+?), but it seems like forever, and in all that time I don't think the display format of the website has changed at all. And if you asked most people who go into the mountains if they know the name "James McGregor", I suspect most would say "Yes", even if they weren't able to pin it to appearing on each Metvuw page. Here's an image from Metvuw, showing 6 hours weather (approximately corresponding to the very wet period shown in the Arthur's Pass forecast on the previous page).

Control freaks love Metvuw, because they (we) can interpret the weather for themselves, and after you've looked at enough Metvuw model images there's an almost instant reaction to all the pretty colours. You can see the wind speed, wind direction, barometric pressure and rainfall in the above image. Any further interpretation is up to you, and some detail is missing, so a combination of Metvuw with



other forecasts is often useful. For example, you can see that the nice red colour indicates 20+mm of rain in the 6 hour period. But this is quite a broad category and in this case Metservice are predicting about 94mm for the period. Is this important? Probably not, but it could be.

Metvuw is a really good way to learn about how weather flows over NZ, especially by looking at the main window, which shows a week's worth's of weather like the image below.

Even without understanding weather much, I can come up with some interpretation, such as:-

"It's going to be rubbish in the mountains until Tuesday, when it should stop raining, but going to be extremely windy with howling Southerlies,; then a couple of pretty calm sort of days, probably with a bit of fine weather through to Saturday when it looks as though it's starting to pack in from the West".

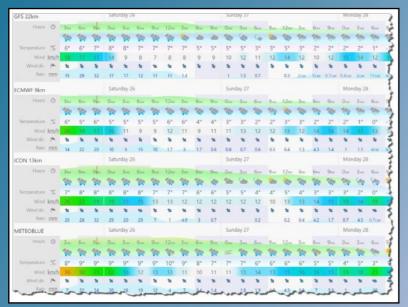
But that's my interpretation and other people may read it differently (and better) than that. It's your interpretation, and you're not going to be as good as Metservice meteorologists. Having said which, I love Metvuw, and use it a lot, especially if I'm looking for a good weather "window" a few days out.



Working out the weather cont.

WINDY

I'm relatively new to Windy, but it scores really well in 2), in that it shows me all the data I'm interested in, and in a format I like, and for up to ten days ahead. Visually, it has a colour map with an image of the wind howling over the country, and you can overlay other data (such as temperature) on the top of this. Personally, I never use this, preferring Metvuw for its view. I use Windy just for the forecast itself, for a particular location. The image below is for Carrington Hut.



I like this display. Anyone can understand it, and it's got everything I need. There are a couple of key features of Windy that I like.

MULTIPLE MODELS

Windy is a website that displays other people's models. Currently there are 4, each with their own characteristics.. For example, the MeteoBlue model is a Swiss one. It is regarded as especially good on temperatures and wind, and excels in Alpine regions. I haven't really got into all the technical details, and I go for the simplistic approach that if all four models look similar, I'm pretty confident it will turn out roughly as forecasted.

FORECAST LOCATION

The feature I really like best, is being able to select exactly the location for which you need a forecast; so ticks item 1) in my list. . I think this is especially useful in the New Zealand mountains, because of the variation in weather within just a few kilometres. Mostly this is a West of the Divide vs East of the Divide question, but this is only part of the story. Many people think the wettest place in NZ is around Franz Josef or Milford, but it's actually the Cropp River, which is only about 25km away from Arthur's Pass National Park. So how do you get a forecast for somewhere outside the commonly visited areas, like the Cropp River? Windy makes it very easy, by just

clicking on the map in the headwaters.

I did this for the same period as the
Arthur's Pass map above and the Windy models
showed approximately 70%-100% higher rainfall than for
Carrington Hut).

I used Windy for the first time in earnest on a recent trip to Lake Nerine at the head of the North branch of the Routeburn. At that time I didn't realise you could select your specific location and thought you had to select a place name already recognized by Wind the closest place name Windy knew about was Routeburn Flats Hut, where the forecast 4 days out was for 100km/hr winds but little rain.

When we got to the head of the North Routeburn it wasn't very windy, which was good, but it really hosed down, which was bad. When we arrived at Routeburn Flats Hut 5 hours later after some intrepid river crossings, we were told that, sure enough, it had been really windy, but hardly rained, which matched the forecast. There was a huge difference in the weather between the Hut and just 9km up the valley. Back home, when I'd learned about the site specific feature and there was next a similar weather Nor'west pattern I compared the forecasts for the North Routeburn and Routeburn Flats Hut,. It clearly showed a much higher rainfall for the headwaters, but less wind, than at the Hut. And presumably it would have told us the same thing if I'd done that prior to our trip!

If all this sounds like a huge up-vote for Windy, I should say that I haven't really used it enough to give it unqualified approval. The most important selection criteria is the accuracy of the model(s) and I haven't used Windy enough to make a call on that.

Having said which, I did notice one area where you have to be careful with Windy. You will recall I mentioned that the Meteoblue model was regarded as better for temperatures, wind, and also in Alpine regions. If you click on the summit of Aoraki/Mt. Cook, the temperatures shown by 3 of the models look suspiciously high (around 2 degrees), but Meteoblue shows minus 11. I'm pretty sure the Meteoblue model is more likely to be right;, but irrelevant of which is right, there's a big disparity across the models used by Windy.

GETTING WEATHER FORECASTS IN

Increasingly being in the mountains does not mean being out of touch, and people get updated weather forecasts from longsuffering spouses or friends via Inreach or Sat-phone. For this purpose, you really don't want to rely on the friend/spouse having to interpret the forecast for you,. Windy's localized time-based forecast is very easy to relay, and Metservice's written forecast also requires no interpretation.

SUMMARY

THE MOUNTAINS

Congratulations on making it this far.! I never intended to suggest there is a perfect forecasting web-site. You do need to take some time to learn about basic weather patterns and processes. Then by recognizing the strengths and weaknesses of these three sites in combination, you can get the best forecast for your next alpine trip.

John Roper-Lindsay



SECTION LIBRARY

Section Library: Did you know that the Section has its own library and that you can borrow the books in the Section library?

Every section meeting I will bring a good selection of the hundreds of book in the library along with the DVDs.

The contents of the C/W Section library can be found on line HERE

(There is a list of DVDs on the second tab of the spreadsheet). If you would like to borrow a book or DVD then please email me and we'll sort something out.

Library policies: You must have a current NZAC membership card to borrow

- Books are generally to be returned within 2 months, but new purchases will be expected to be returned within 1 month
- DVDs are expected to be returned within 2 weeks



Returns: Books/DVDs can be returned in one of 4 ways.

- Return at the next Section meeting
- Drop them off at National Office and tell whomever you speak to that they are for C/W library
- Email text/phone me to arrange handover some other way
- Drop them off at Boffa Miskell office on the 1st floor in Lane Neave building at 141 Cambridge Tce, marked for "Yvonne"

Email: John Roper Lindsay john@roperlindsay.com or call/text 021 395 513

WEEKLY ACTIVITY OPTIONS

Lead a Trip: If you would like to lead a trip for the club, alpine, rock climbing, cycling or otherwise, please contact cw.chairperson@gmail.com

Midweek mountaineering: The midweek group are mainly fairly mature mountaineers who still manage to plod up a few peaks, usually on Wednesdays, weather permitting. Most of the trips are nottechnical climbing but scrambling at a fairly relaxed pace. If you are interested in joining us, please contact *Pat Prendergast on 337 0079 or email* pat@slingshot.co.nz

Mid Week Rock Climbing: A new and exciting format from September (day light savings start) onwards. Instead of one set evening each week, we are hoping to be able to offer people a choice of two nights each week, which will vary depending on who is looking after the group. We believe this will give people of all abilities more opportunities to get out climbing. A few things to note when rock climbing with the mid week group;

- Helmets are compulsory when climbing and belaying (if you don't have a helmet, please source one or talk to the climbing co ordinator and they will try and have one available)
- For those new to climbing and belaying, we can assist in this so please ask if you are not sure
- Two top rope kits (each with a rope, biners and slings) are available each week for the person in charge to use rather than their own equipment and for those climbers who don't want to lead but top rope instead.

Climbing will usually run from approximately 4.30 pm onwards, outdoors during daylight savings hours, or indoors in winter, or if the weather is no good. We also welcome and would appreciate people assisting from time to time on a roster basis rather than relying on the same people every week having to look after the climbing group so please contact Clayton if you are able to help out (it's not too difficult!)

If you would like to attend and are on the google climbing group already, we will email out at the start of the week with which nights we are running climbing and who is in charge and their contact details. If you would like to be on the group list, please email Clayton on:

nzacinstructionandgearhire@gmail.com

or text on 027 4461562

All welcome, including non members.

WE NEED YOU

The NZAC Canterbury/Westland section is looking for volunteer trip leaders

A club trip is a great way to spend time with like minded people, share some adventures and give back to the outdoor community. Most trips involve moderate to intermediate mountaineering but they can include anything from tramping, rock climbing to mountaineering objectives. The trip leader is not a professional guide or instructor, as a trip leader you organise and lead the group only.

What is involved?

- · Pick an objective and date
- Use this trip leader worksheet to plan your trip https://alpineclub.org.nz/resources/organising-trips/
- Get in contact with the trip coordinator (see details below).
 Your trip needs to be signed off to make sure all points are ticked off. The trip coordinator can also help you with any questions you have regarding the planning

The trip gets advertised in the newsletter and/or to the Cant/Westland facebook page

Email: Shannon at nzac.cw.newsletter@gmail.com

• You organise the participants and do pre—trip preparations This list is a suggestion of day or overnight trips which could be both run during summer or winter. All these trips are achievable in a weekend. If you have another objective in mind just get in contact with the trip coordinator. Thanks for leading a trip for the club!

Volunteer trip coordinator email:

robert.gallagher90@gmail.com or richard.mcgill@me.com

Some Ideas! Mt Aiken, Binser, Avalanche Peak, Mt Cloudsey, Torlesse, Avalanche-Bealey Traverse, Castle Hill Peak, Longfellow, Avalanche Peak-Crow Valley, Mt Oates, Murchison, Temple-Phipps Traverse, Mt Somers, Mt Guinevere, Mt Rolleston, Mt Philistine



KEEN TO SHARE YOUR OUTDOOR EXPERIENCE?

Keen to share your outdoor experience? Helen Sinclair, our section meeting co-ordinator is the person to contact.

Helen organises speakers to share their outdoor experiences with the rest of our community. If you have any outdoor adventures to share or know someone who has a story to tell, then please contact Helen either by phone or email.

P: 027 435 3674 E: helen@helensinclair.com



TRIP GUIDELINES

An important part of the NZAC is volunteer organised trips. If you're thinking of joining or organising a trip, here are some guidelines on what to expect. Check out the NZAC Trips page for resources to assist you with planning a section trip. https://alpineclub.org.nz/resources/organising-trips/

Responsibilities of a Trip Organiser:

- Trips should be fun for everyone.
 Choose a mountain, peak, hill,
 traverse, route, crag, or whatever
 and get out there and meet some
 keen club members!
- You cannot be responsible for the safety of every member of the group, but you should aim to empower every group member with enough knowledge to make their own informed decisions about the proposed trip both before, and during the trip.
- Choose a realistic goal for the time available and give prospective group members an idea of the amount of effort required.
- Set a group size limit based on your experience, the goal, time available and the groups individual fitness and experience.

- Let the group know what skills & equipment are needed when they sign up.
- Provide the trip Participants with a copy of the NZAC waiver form and have them understand, sign and return it to you in advance of the trip.
- Organise travel arrangements at the earliest opportunity and let everyone know how much they can expect to pay for transport costs - petrol, wear & tear.
- Prepare detailed trip intentions and leave them with at least one responsible individual.
- If someone on the trip voices their concern about a situation it is up to you (with the help of the group) to find a safe solution.
- Give priority to NZAC members
- Find someone on the trip to write an interesting trip report for the Section Newsletter and email it to: nzac.cw.newsletter@gmail.com

Responsibilities of a Trip Participant:

- You are responsible for your own safety. If you are uncomfortable with any situation, let your trip organiser know straight away.
- Be prepared to drive or contribute to transport costs incurred (petrol, wear & tear)
- Make sure you have a clear idea of the trip's goals and what will be required of you. Obtain a relevant map and know where you are going, the terrain, what gear you will need, and how to use it.
- If you discover that you cannot go on the trip then let the Trip organiser know as soon as possible so that another person can take your place.
- Read, understand and return the signed copy of the NZAC waiver form to the Trip Organiser.

BENEFITS FOR NZAC MEMBERS

Benefits for NZAC Members

NZAC Membership gives you access to many discounts with the following retailers. You maybe asked to present your active NZAC membership. To see full terms and conditions and other benefits of being a member, please visit... https://alpineclub.org.nz/membership-benefits/

To visit any of the retailers below, click on their logo.







































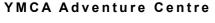








10% discount* to NZAC members







CANTERBURY/WESTLAND SECTION OF THE NEW ZEALAND ALPINE CLUB

Facebook page:

https://www.facebook.com/NZAC-CanterburyWestland-176920578985933/

Section Library:

https://docs.google.com/spreadsheets/d/1iKtzA-tCJgKymPg9IPaN_CGKrV1Y7UaQ4krLoRCpsbc/edit#qid=0

Chairperson:

Jim Petersen 022 620 0619 cw.chairperson@gmail.com

Secretary:

Paulina Woch paulinawoch@yahoo.com

Events:

Adam Humphries 027 200 4760 adam.b.humphries@gmail.com

Accommodation & Committee Rep:

Philip Tree philiptree7@gmail.com

Instruction Coordinator & Rock Climbing Coordinator:

Clayton Garbes 027 446 1562 <u>nzacinstructionandgearhire@gmail.com</u>

Winter Instruction Coordinator:

Sam White cw.winterinstruction@gmail.com

Winter Gear Custodian:

Ben Scott benwaynescott@gmail.com

Recreational Advocacy:

Lindsay Main Lindsay.main@caverock.net.nz

Trip Coordinators:

Richard McGill cw.tripscoordinator@gmail.com
Robert Gallagher cw.tripscoordinator@gmail.com

Newsletters & Online Coordinator:

Shannon Cook 021 809 088 nzac.cw.newsletter@gmail.com

Treasurer & Library:

John Roper Lindsay 021 395 513 john@roperlindsay.com

Arthur's Pass Lodge:

John Henson 027 471 4075 hensonj@xtra.co.nz

Section Evenings:

Helen Sinclair 027 435 3674 helen@helensinclair.com

Crag Maintenance:

Grant Piper 021 711 300 grant.piper66@gmail.com

Please Note

CONTRIBUTIONS TO THE NEWSLETTER ARE MORE THAN WELCOME PLEASE SEND TO NZAC.CW.NEWSLETTER@GMAIL.COM
BY THE 25TH OF EACH MONTH AT THE LATEST