



Welcome

It is with great pleasure for Peninsula and Plains Orienteers (PAPO) to welcome you to a 3-day orienteering carnival to celebrate Queen's Birthday weekend. We hope you will have a memorable time with us in Canterbury on some very fine maps indeed! We firstly would like to thank the University of Canterbury, Ngā Puna Wai, Christchurch City Council and Te Kōhaka o Tūhaitara Trust for access to their terrain.

Preliminary information about all the events is contained in this bulletin. Further details will be posted on the website papo.org.nz

We look forward to seeing our orienteering friends and sharing a long weekend with you with some technical and demanding navigational challenges. Please read the event details so the event can proceed in a timely manner. The only thing that's missing now is you.

Event 1 SPRINT EVENT **University of Canterbury** - Saturday 5 June

Event 2 NIGHT SPRINT RELAY **Ngā Puna Wai** - Saturday 5 June

Event 3 LONG DISTANCE EVENT **Woodend North** - Sunday 6 June

Event 4 MIDDLE DISTANCE EVENT **Woodend South** Monday 7 June



Covid protocol & sign-in



Unite
against
COVID-19

Because competitors will be travelling from all parts of Aotearoa / New Zealand, we will be asking everyone to:

- Scan the onsite QR tracking code *at each event each day* using the NZ Covid tracer phone app
- Ensuring coughs and sneezes are contained using the elbow or a tissue; Avoiding spitting or blowing nasal mucus in places where others may run or be exposed to it.
- Sanitise when using public spaces and around food

Please do not attend the event if:

- You are feeling unwell or are in contact with someone that is unwell.
- You have been advised to stay at home by a health professional.
- You have been in close contact with a suspected or confirmed case of COVID-19 until you have completed the prescribed quarantine period of 14 days, even if you are completely symptom free.
- You are waiting for a COVID-19 test result or if you are self-isolating.

History



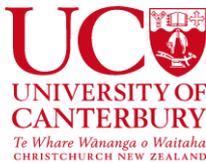
About Christchurch | Ōtautahi:

Ōtautahi is important to Ngāi Tahu as an area of continuous occupation in the South Island for six centuries. Tautahi, the son of Huikai of Koukourarata was one of the Ngāi Tahu chiefs who along with Mooki dispossessed the Ngāti Mamoe tribe in North Canterbury.

In the depths of winter in the low lying areas of Christchurch you can see that Ōtautahi was originally a swamp. The vast network of wetlands and plains of Ngā Pākihi Whakatekateka o Waitaha (Canterbury Plains) is inherently important to the history of its early occupation. The sprawl of wetlands linked Kaiapoi in the north and extended out south to Te Waihora (Lake Ellesmere). The land sustained and provided abundant food sources and defensive positions. Permanent pa sites and temporary kainga were located within and around the Ōtautahi area. Waitaha, Ngāti Mamoe and Ngāi Tahu established and used the mahinga kai sites gathering and utilising natural resources from a network of springs, waterways, wetlands, grasslands and lowland podocarp forests along the rivers and estuary. Ōtākaro is the name of a historic settlement and food-gathering site near the mouth of the Avon River. Historically, different parts of the river carried different names (e.g. Wairarapa was the middle part of the river, in Ilam). The NTCSA 1998 dual place name provisions recognise Ōtākaro/Avon as the name for the whole of the river.*

Sources: <https://my.christchurchcitylibraries.com/ti-kouka-whenua/>
<http://www.regeneratechristchurch.nz/assets/Uploads/Heritage-Assessment-for-the-Residential-Red-Zone-Dallington.pdf>

* Mid-Heathcote/Ōpawaho Linear Park Master plan 2009. Christchurch City Council. (As cited in Mahaanui Kurataiao - the Ngāi Tahu Iwi Management Plan 2013 <https://mahaanuikurataiao.co.nz/iwi-management-plan/>, pg 236)



The University of Canterbury | Te Whare Wānanga O Waitaha:

As only the second university in Aotearoa New Zealand, Canterbury College - as it was originally named - was established in 1873 and situated in the central city of Christchurch (now the Arts Centre). The College was dependent on rents from high country farms with which it had been endowed by the Canterbury Provincial Council. In 1933 it was renamed Canterbury University College before becoming The University of Canterbury in 1957. By 1975 it had moved 7km further west to the suburb of Ilam on a purpose-built 76 hectare site. And why does The University of Canterbury's coat of arms have a 'dead sheep' on it? Read [here](#).

Source: <https://www.canterbury.ac.nz/about/history/chronology/>



Ngā Puna Wai:

We are privileged to have the home of many sports at Ngā Puna Wai. We welcome, and are excited once again, to have

Peninsula and Plains Orienteers hosting an event on-site.

Ngā Puna Wai means 'many spring waters', referring to the springs and tributaries in the area. It is also a special part of the ancestral landscape of Ngāi Tahu. This land has always been an important place for local Māori, who came together, along with other tribes, to connect and collaborate, rest and revive on their journey through Ōtautahi. Today, our recreational and sporting communities have continued this ethos by coming together to share our love of sport and the outdoor space.

Ngā Puna Wai Regional Sports Hub has risen out of the losses suffered by four sports in the 2011 Earthquake. This community sports facility features an athletics track and field, two water based hockey turfs, two sand based rugby league fields, two community grass fields, twelve tennis courts and a centralised hub for all users.

The many native plants and bird species that can be found at Ngā Puna Wai and around the Wigram Basin wetlands area is a recognition of the special and significant space from our past that we live and play in today.

Kia pai tō rā | Have a great day, Katrina Mansfield, Partnership and activation manager - Ngā Puna Wai



Tūhaitara Coastal Park:

The residents of Kaiapoi Pā and in more recent years, members of Ngāi Tūahuriri Runanga, have had a close relationship with the lands. Tūtaepatu Lagoon was a rich and important source of mahinga kai, particularly tuna (eel).

In addition, the area surrounding Tūtaepatu Lagoon contains the urupa for Tu Rakautahi, who was the founder of the Kaiapoi Pā. It is part of the area known as the greatest pounamu trading centre in the South Island.

The name Te Kōhaka o Tūhaitara acknowledges whakapapa and tikanga. Tūhaitara was an ancestress of Ngāi Tūahuriri. The occupiers of the Kaiapoi Pā and North Canterbury were known as te hapu o Tūhaitara / the family of Tūhaitara. Kōhaka refers to a nest, to the season of spring, indicating a time to apply vision, new concepts, the sowing of thoughts or seeds.



Tēnei mātou ngā tangata o te Kōhaka o Tūhaitara

This is us the people of the nest of Tūhaitara

E mihi nui te aroha ki a koutou katoa

Greetings / acknowledgement of great love to you all

Mauri ora, mauri tū

Living essence, standing essence

Wai ora me te wairua tapu

Living water and the holy spirit

Reproduced with permission from the [Te Kōhaka o Tūhaitara Trust - Tūhaitara Coastal Park](#)

Follow the Tūhaitara Coastal Park and their work on [facebook](#)

Event outline

Twelve courses are offered across 40 age group categories, and the number of participants is just under 400 participants.

Events will also double as:

- Trials for the NZ Secondary Schools team to contest the Southern Cross Challenge in Tasmania September
- New Zealand Secondary Schools Inter-Regional Challenge
- National Orienteering League (NOL) Round 5
- The 2021 Canterbury Champs for PAPO members
- Junior World Orienteering Champs (JWOC) Experience

All individual races during Queen's Birthday weekend will be trials for the selection of a NZ Secondary Schools representative team to compete in Australia in September. All students seeking selection for the NZSS team should have entered in the appropriate 'A' grade event. See here for the selection notice:

<https://www.orienteering.org.nz/news/selection-notice-nzss-team-2021>

Inter-Regional schools teams may include year 8 students but they are not eligible for NZSS team selection.

Entries

Entries are now closed: Entries closed at midnight 23 May 2021. No exceptions.

The entrant list shows all competitors.

<https://entero.co.nz/evento.php?eventName=qb2021&action=eventEntries>

If your name is not included, you are not entered.

We are open for enquiries and i-dent pick-up at the enquiries tent before each event each day.

Event enquiries

Overall event advisor and director: Jenni Adams

Phone: +64 21 642 516

Email: qb2021entries@gmail.com



Event cancellation

Cancellation of the event will occur in conditions that are too dangerous for safe competition. Situations that might lead to cancellation are changes to Covid-19 alert levels, fire risk, extreme weather, loss of access, serious earthquake, or death of a competitor or spectator. Should any of the events need to be cancelled, this information will be posted on the [PAPO website](#) and Facebook page. An email will also be sent to all participants, using the email address provided as part of their entry, as soon as practical after the decision is taken.

Refunds & changes

The following policies will apply to entries and refunds:

- Entry fees are inclusive of GST (New Zealand Goods & Services Tax).
- The entry fee does not include any form of insurance, including any medical or travel insurance.
- Entries cancelled partially or in full up until entries close will receive a refund less a NZ\$10 administration fee.
- No refunds will be given for cancellations after entries close.
- Application to the organisers to accept cancellations and consider full refunds due to hardship or for some other reason should be made by emailing the organisers*. Refunds will be paid into the bank account used by the entrant.
- If the event is cancelled due to extreme weather or other factors outside of the event organisers control, the organisers will endeavour to refund as much of the entry fee as possible, taking into account any sunk costs.

Change policies:

- After entries close, each request to change entrant details (email address, etc) classes entered or start times will attract a non-refundable NZ\$10 administration fee.
- Requests to change SI Numbers or class entered are no charge. Please use the following form to request a change **by Wednesday 2nd June 2021**:
<https://tinyurl.com/QB2021requests> *
- As a last resort, SI Numbers can be changed at the event, in person to the registration tent (bring your new SI Card) at least an hour before the event starts.

Withdrawal

If you have entered for Queen's Birthday and you have to withdraw for whatever reason, please notify the overall organiser as soon as possible by email. Refunds will most likely not be actioned until after the weekend of the event has finished. Providing your bank account details in your cancellation email will speed up the process. Unfortunately, PAPO cannot take liability for any loss associated with travel or accommodation cancellation

Dogs

Dogs are not allowed at any of these event sites during a major event.



Schools inter-regional challenge

The inter regional challenge teams will be competing in the **Sprint, Long and Middle events**, but **NOT** the sprint relay. The South Island has enough junior entries to have 2 Southern Tempest teams for the first time ever, so well done to all South Island clubs. The northern area has 2 teams and central also has a team competing in the inter-regional points competition. The north and south teams are divided equally to create a fairer competition and more interest.

JWOC experience



The 2021 JWOC team, as with last year, are unable to travel overseas to compete due to COVID19. The focus for the team is Queen's Birthday instead. The JWOC team will stay together and the manager/coach duo of Sarah Stewart and Matt Ogden along with the PAPO event organising team will aim to provide a unique NZ JWOC experience.



Maps & embargoes

The areas covered by the University of Canterbury, Ngā Puna Wai, Woodend North and South maps are all embargoed for all orienteering activities, unless specifically permitted by the organiser. Embargoed areas are out of bounds for all potential participants and team members, including competitors, team leaders, coaches, doctors, escorts, and any other person with potential connection to an individual competitor or school team. All potential participants and team members are not allowed to visit these areas with a map.

Fair play

We ask all competitors to behave with fairness and honesty. Attempts to gain any information related to the courses, beyond that provided by the organiser, is prohibited before and during the competition. A competitor who breaks any rule, or benefits from the breaking of any rule, may be disqualified.

We realise that in a densely populated area like Christchurch it is impossible to find an area suitable for a Sprint where nobody from the orienteering community has worked / studied in the past or is currently working / studying. Access to the embargoed Sprint area is permitted for daily study or work. It is forbidden to train within this area with a map of any sort, to test route choices or take part in any activity that may give a navigational advantage.

Older maps for embargoed areas follow:

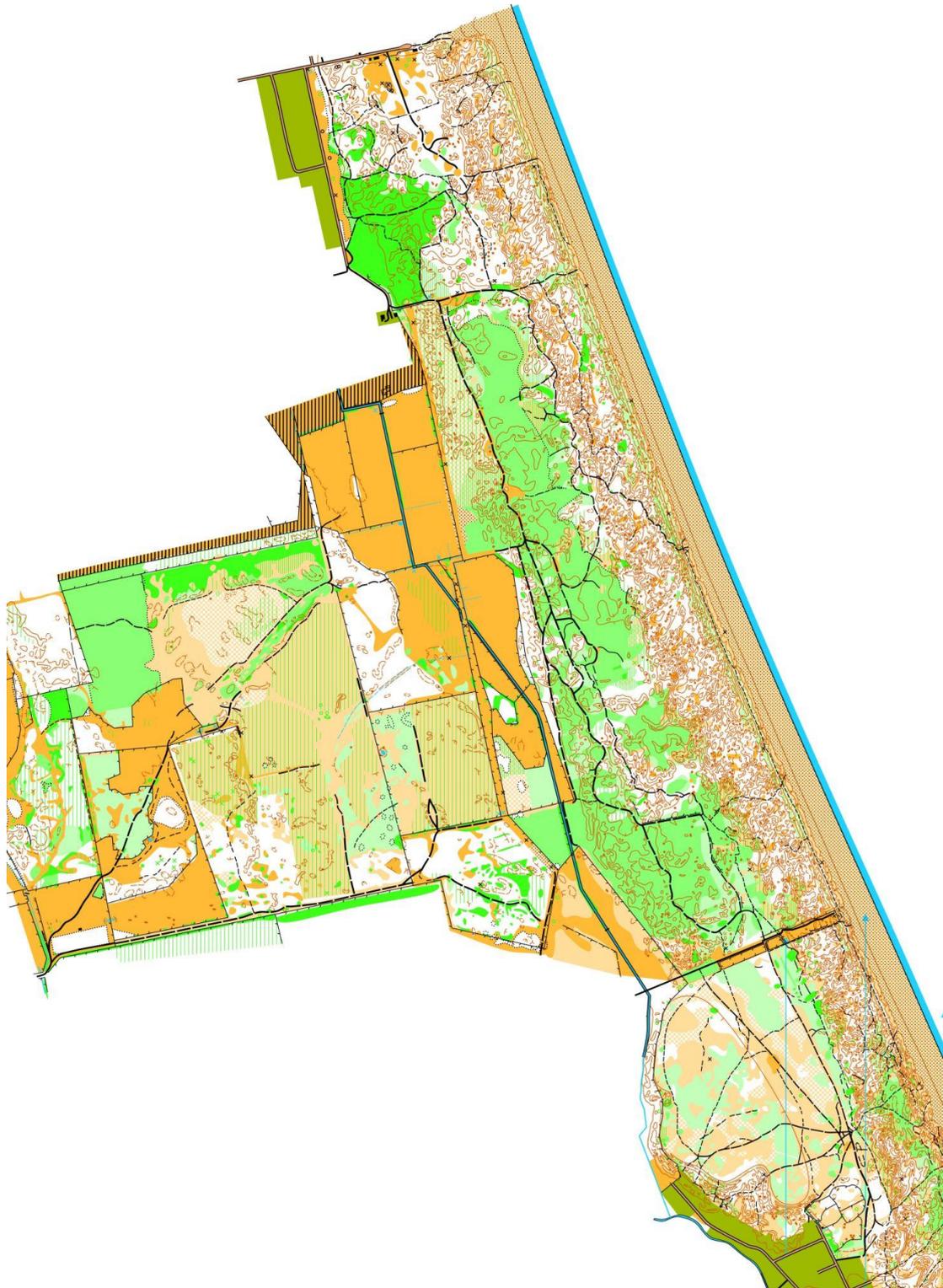
University of Canterbury



Ngā Puna Wai



Woodend





Event centres

Each race will have an event centre which will incorporate an enquiries tent, toilets, first aid, and the finish with the download caravan nearby. Other than access to the toilets - which may be away from the event centre - the competition area is out of bounds until your start time.

There will be a very limited undercover area available for competitors, so clubs are encouraged to bring their own tents.

Lost property can be handed in to the enquiries tent at the event centre. If you have lost something, you are welcome to see if it has turned up there at any time.

Electronic timing - Sport-ident

Sport-Ident punching system will be used for all events. Competitors may use their own or hire from the organisers via the entry process. SI-cards must be cleared and checked before each race.

Start information

Your start times will be listed on the PAPO website [here](#)

The start procedure will be the same for every event (with the exception of the relay). Each competitor is responsible for following the marked route to the start area. The competition area is out of bounds until your start time. The start will be a timed start with a **4 minute call up time – please do not be late**. The start will be a **silent start**, so please ensure you read all details in this bulletin prior to starting. Any last minute instructions/changes will be put up on a sign at the start area.

Before starting, please remember to clear and check your Sport i-dent card, at the stations located in front of the start area. Use the 'clear' box first, to remove data from your chip, and then punch the 'check' box. For those using Air chips, check the battery life in the specific Air checkbox before every event, in front of the start area.

Start procedure

Report to the start when the clock shows your start time (this is set to four minutes before race time).

-4 minutes: Officials will check SI card, name and start time are correct.

-3 minutes: Officials will ensure each competitor punches the safety check box presented.

-2 minutes: Control description sheets are available for runners to pick up (optional). The control descriptions are also printed on the map.

-1 minute: Competitors wait beside the map box for their course. The five-second start-countdown will be indicated by a series of beeps. On the first (short) beep, competitors should pick up their maps and check it is for their course. On the long (final) beep, competitors start their run, following the marked route to the start triangle. All competitors must pass within 2m of the start triangle.

Late starts

Competitors who arrive at the start late (after their time is indicated on the start-clock) must



report to the late-start lane where an official will accompany him/her. Control descriptions and the competition map will be handed over by an official, and the competitor then starts the race when told to do so (IOF Rule 22.9) by punching a start box. The results of competitors who start late will be based on their original start time (with no time dispensation). Only if their lateness is the fault of the organiser will their actual race time be used (IOF Rule 22.10).

Any competitor who is late, whether through their own fault or otherwise, should not discuss this with the start officials. Instead, if the competitor believes the organiser is responsible, he/she should make a complaint after finishing the race at the enquiries desk before leaving the finish area.

Split Starts

Parents and helpers with pre-agreed split starts (late or early starts with some flexibility) will use the late start lane. Control descriptions and the competition map will be handed over by an official, and the competitor then starts the race when told to do so by punching a start box.

Controls

If you punch an incorrect control, ignore it and continue to the correct control; the extra punch will be disregarded by the results software. If the SI-card stops working or does not function (there is no beep and no flash) then use the control punch to clip your map next to the control description. If you have pin punched any controls on your map you must hand the map in at the caravan before leaving the finish area and explain what you have done.

Finish procedure

At the finish line, punch the finish units next to the finish flag. Your elapsed race time only stops when you punch one of these units. Competitors must punch one of these finish units even if they do not complete their course. Runners who do not register at the finish line and download will be considered missing in the terrain, which may cause a search. The download is at the caravan (which will be close to the finish) you will then receive your time split printout. After download you return the hired SI-Air Card -required at the relay event and at the end of the weekend. Runners are free to go after the download.

Results

Provisional live results will be displayed on the O-Lynx TV screens at the event centre. This will include information from the radio controls updating competitors' progress on the course when possible. Official results will be posted on the PAPO club website under [results](#) and on winsplits at the conclusion of each day's racing.

Commentary

Race commentary will be available at the Woodend events to provide news and results based



on live feeds from O-Lynx radio controls (when possible) and recent downloads, and as such will be 'unofficial' times.

Photos and videos

During the event, photos and videos may be taken and published on the PAPO Facebook page. We encourage anybody who would like to share their photos for publishing on the Facebook page, to please contact the organisers via email, ideally before the event.

Complaints and protests

Complaints and protests will be handled in accordance with the ONZ rules 27, 28, 29 and 30. The only exception to this procedure will be in the case of WRE events for elite competitors, which are handled in accordance with the IOF rules. Before a protest is made, you are entitled to complain to the Controller about an infringement of the rules or organiser's directions. A complaint is made in writing and handed to the controller as soon as possible, but within 60 minutes of the affected competitor finishing. A complaint is adjudicated by the controller. The controller's decision on a complaint shall be advised to the complainant, and displayed on the results board as soon as possible, within no more than 60 minutes of the complaint having been received. If the complainant is not satisfied with the decision, a protest may be made against the controller's decision. complaints and protests may be made in email to the controller at: info@papo.co.nz Complaints must also be conveyed at the enquiries tent within 60 minutes of finishing. The event Controller will make a decision and notify the complainant as soon as possible.

If the complainant is not satisfied with the controller's decision, a protest may be lodged at the enquiries tent. The time frame for this is within the next 60 minutes (ONZ rule 28.3). Protests will be forwarded to the controller who will convene a jury. After due consideration, the jury will communicate their decision to the complainant. A \$20 non-refundable fee for the class in question shall accompany any protest. This will be returned if the protest is accepted. The event controller will convene a jury of 3 ONZ A-grade Controllers.

Health & Safety

Please check for specific hazards for each event. Information will be on the notice board by the enquiries tent

For children it is essential to carry a whistle, and for adults it is recommended as an aid in an emergency. Use a whistle if urgent help is required for an injury or emergency. The recognised distress signal is a series of six short blasts on a whistle, then a pause. Listen for a reply and repeat to allow them to locate you. Do not use your whistle unless it is an emergency.

Competitors are expected to render assistance on their course to anyone who is injured, has blown their whistle, and requires physical assistance. Please render assistance as needed, and make event officials aware of the issue, so as to organise the appropriate response.

To avoid initiating unnecessary searches after the event, all competitors must punch the sport-ident finish control even if they do not complete their course.

All competitors are expected to be fit enough to compete, and to comply with the New Zealand Government and ONZ Covid-19 guidelines. Competitors are required to carry their



own medication if required, e.g. inhalers for asthmatics and an EpiPen or adrenaline for those with severe allergies. It is the competitor's responsibility to notify the Event Coordinator by email of any potentially serious personal health challenges before the start of The Queen's Birthday events.

Forest evacuation

Competitors are responsible for their own safety. In the Tūhaitara Coastal Park, the venue for the Long, and Middle events, an evacuation could be required in a number of scenarios, including fire, tsunami or storm damage (causing trees to fall, heavy branches to drop). Use common sense and take action if you smell smoke, experience an earthquake, or if there is storm damage occurring.

Action to be taken by event organisers in the event of an emergency:

Five long blasts from an air horn or car horn, which will be repeated at intervals. Given the scale and remoteness of parts of the forest these blasts may not be audible everywhere. If you hear these blasts, abandon your course and evacuate.

Actions to be taken by competitors in the event of an emergency:

- Abandon your course, evacuate from the forest;
- Help any other competitors to evacuate;
- If it is safe, evacuate to the event Centre, inform organisers, and download your Sport-ident;
- If you evacuate to somewhere else, contact the main organiser- Jenni Adams
- Call 111 if there is a fire or you require emergency assistance.

Evacuation direction:

Preferred route for the Middle is to either head east to the beach or west to the mountain bike track and then north or south back to the event centre.

If, in a fire situation, if access inland is blocked, head east to the beach and south to the township of Woodend.

First aid.

An external medical service provider will be available at all events. However, we also ask that you bring your own first aid kit and tend to minor injuries such as cuts and grazes yourself.

Burwood Hospital does not have an Emergency Department. The nearest Emergency Department is [Christchurch Hospital](#).

In a medical **emergency, call 111** and ask for an 'ambulance'.

Water

Bring your own water for the events. Please label drink bottles to avoid picking up someone else's water.

Refreshments

There will be a coffee cart and fundraising food stalls for PAPO members to go to the NZsecondary Schools Champs in Hawkes Bay. The coffee and food stall will be at the two Woodend events only. Do bring cash to use at the food stall. A cafe and bar will be open on



Saturday night for anyone who is at Ngā Puna Wai. This is located behind the Athletics grandstand or up the path between the Hockey and the Athletics track in the Hub building. They have a full range of food and drink both hot and cold as well as sweet treats freshly prepared onsite, you can check them out on [Facebook](#).

Zero waste

Please consider packing your own cup to avoid takeaway cups and contributing to landfill and non-compostable rubbish as much as possible. Queen's Birthday aims to be eco-friendly, and minimise waste. We have a 'carry in, carry out' policy, so if you carry it into the venue, please carry it out again.

Vendors

MAPsport Shop and Grassy Knoll will be present with a range of orienteering gear. Please bring cash, since EFTPOS will most likely not work during the forest events.

Terrain and map notes for Tūhaitara (long and middle)

The terrain is generally typical sand dune terrain with a strip of rough open sand dunes along the coast. The contour detail is very intricate in the first layer of dunes with subsequent layers being intricate to bland.

The area provides a full range of runnability from very fast in areas, which has recently burned and some parts of the forest to fight in areas of fallen trees, black berries, Gorse and Lupin. Straight will not always be great! Full leg cover is recommended especially for the longer courses which go into the inland area. There can be bits of low black berry which like little dogs jump up and bite every now and then. Here is an example of the black berry maze in the inland area:



And an example of an area of fallen trees:



The area generally has a well developed track network with more tracks closer to the villages.



Indistinct tracks are tracks which come and go. It can be hard to see them as you cross them but they are easier to follow when you're on them. It is not recommended to rely on the indistinct tracks for catching features or navigation (use contours, vegetation and bigger tracks). Some indistinct tracks used on white and yellow courses have been marked with pink tapes in certain places. Some indistinct motor bike tracks have not been mapped in the inland area. Even bigger tracks can sometimes be hard to see when they are covered in a layer of pine needles.

The longer courses both for the Long Distance and Middle Distance might encounter the special landform symbol  , which has been used for some Earthquake Cracks. Here's a photo of one of the earthquake cracks:



The special vegetation feature symbol has generally been used for really large tree stumps, but also for large dead trees and piles of tree stumps.

The man made objects are not always obvious from a distance and can among other things be abandoned tents or huts.



Special Symbol

▲ Earthquake Crack

▣ Out of Bounds

— Forbidden to cross

3 different mappers have been mapping the part of the Tūhaitara Coastal Park, which is used for both the Long and Middle Distance. This means that a slightly different mapping style has been used in different parts of the map. Below is an overview map to show which areas have been mapped by which mapper. Area 2 and 4 are used for the Long Distance. Area 3 and 2 are used for the Middle Distance.

Copyright: Peninsula and Plains Orienteers

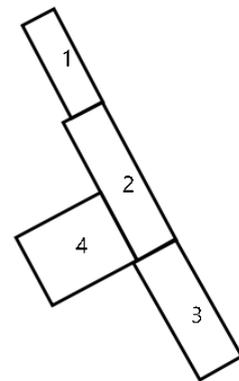
Map version: Tuhaitara Coastal Park 2021-05-29 o12.ocd

Map standard: ISOM2017-2

Map areas:

1. Woodend Beach north towards Pegasus: Carsten Joergensen 2016
2. Woodend Beach south to Firebreak: Michael Croxford July 2019
3. Firebreak to Kairaki Beach: Mapped by Russell Higham, March 2020
4. Inland paddocks: Mapped Carsten Joergensen, May 2021

Possession of this map does not imply right of access



Thanks

Many thanks and acknowledgements are due all around for those who have contributed a great deal of time to plan, control and organise these events. It has been a collaborative club effort, as running an event like this involves many people.

A big shout out to all those non-named volunteers from both our club and the surrounding clubs: OBOP/NOC for SIAC cards and Dunedin for sprint control bases for their help and allowing us to borrow equipment.

We would like to thank Sport Canterbury have always been supportive and encouraging.

We would like to acknowledge our wonderful landowners; University of Canterbury, Christchurch Council, and the Te Kōhaka o Tūhaitara Trust.

Photo credit: Image of sunset in Woodend by Tane Cambridge.

We wish you all the best for the competition

Ngā mihi

Peninsula and Plains Orienteers

NB: Specific details for each event follow:



Event one

Sprint - University of Canterbury

Date: Saturday 5 June 2021

Map: University of Canterbury

Planner: Briana Steven

Controller: Al Cory-Wright

Organisers: Katie and Digby Symons

Overall event contact: Al Cory-Wright

Scale: 1:4,000 and 1:2,500

Contour interval: 2m

Map description: University Campus. Buildings, paths, grass, steps. Some small areas of light green. Negligible climb

Location & travel directions: Navigate to 75 Clyde Road, Ilam on the east side of the campus. Turn west into Arts Road and access the University carpark from there. Please do not drive along the other boundaries of the map. University Drive (south), Ilam Road (west), Creyke Road (north)

Location GPS co-ordinates: -43.524813,172.586185

Parking: Park anywhere in the large University carpark. There is plenty of space

Event arena: Follow signs from the carpark to the arena and Finish. Do not deviate off the designated route. 5 minutes walk. The arena is predominantly flat grass. Camp chairs and picnic mats recommended

Registration: from 11am

Start area: The start is at the carpark

Start times: from 12pm

Course closure: 3pm

Toilets: At the event arena

Water: There will be no water provided at the event.

Mobile coverage: Yes

Dogs: Sorry no dogs at this event

Course details:



Course	Grade	Course length	Number of controls	Scale
1	M21E, M20E, Senior Boys	3.6km	25	1:4,000
2	W21E, W20E, Senior Girls	3.5km	24	1:4,000
3	M21A, M40,	2.7km	21	1:4,000
4	W21A, W40, M50	2.5km	18	1:4,000
5	W50, M60	2.2km	16	1:4,000
6	Junior Boys, W60, M70	2.4km	17	1:4,000
7	Junior Girls, Recreational Orange	2.3km	16	1:4,000
8	W70, W80, M80	1.7km	16	1:2,500
9	M12, W12, Recreational Yellow	1.7km	18	1:4,000
10	M10, W10, WM10N	1.1km	17	1:2,500

Course notes: This map is drawn using the new ISSprOM2019 mapping specifications. Please become familiar with this on the IOF website, in particular the new heavy traffic pavement colour: this is used for the roads and carparks running through the university. (Though these are expected to have low levels of traffic during the event).

Hazards: Steps, walls, structures, streams. Slippery tiles and grass - if wet. There will be traffic on the internal roads and in the car parks as these roads are not closed. There will also be foot traffic around the campus so be careful around corners.

Start Instructions: The Start will be a 'Silent Start' and no instructions will be read out. These are listed below and will also be displayed in the start area at the event.

1. There will be members of the public using the campus on the day. They will be walking or on scooters or skateboards or bikes. Watch out for these, especially when crossing paths and roads.
2. The only roads on the courses are internal campus roads. These should have low amounts of traffic on them but there may be cars or vans or bikes around. Look carefully when crossing.
3. Near to one control there is a sprinkler system which has black spray tubes rising to knee height. These have been highlighted with coloured tape. Please don't tread on them.
4. Most of the garden areas are out of bounds (mapped as olive green). Some of these are quite small and may have parts that look open to cross. Check your map. Anyone crossing olive green areas will be disqualified.
5. The start triangle is 30m from the start. Follow the tape.



Event Two

Sprint Relay - Ngā Puna Wai

Date: Saturday 5 June 2021

Map: Ngā Puna Wai Sports Hub

Planner: Briana Steven

Controller: Al Cory-Wright

Organisers: Lisa Chubb and Jonathan Hunt

Overall event contact: Al Cory-Wright

Scale: 1:4,000

Contour interval: 2.5m

Map description: Sports hub comprising tennis courts, hockey turfs, athletics track, grandstands, buildings, grass and concrete paths. Mostly flat

Location & travel directions: Navigate to 25 Augustine Drive, Aidanfield. Follow signs to the carpark.

Location GPS co-ordinates: -43.5599117,172.574871

Parking: In the main carpark adjacent to the athletics track

Event arena: The athletics track. Follow the signs from the carpark directly to the grandstand on the home straight. 3 minutes walk. The stand has 330 covered seats. DO NOT enter any other areas of the Sports hub including the hockey turfs and hockey stand where matches will be in progress. These are all Out of Bounds until the end of the event.

Relay Teams: See PAPO website for details of registering your relay team (<http://papo.org.nz/events/view/3966/queens-birthday-night-sprint-relay>). We will publish the draft relay teams list by Tues 1st June. Any feedback will be included in a final team list published on Thurs 3rd June. No changes can be made after the final team list is published, there will be no changes on the day.

At the relay, each team will be issued with 4 hire SIAC which will be used for the relay, so everyone will run with SI Air+. Each SI stick will be assigned to a leg on your course, you must ensure you run your leg using the correct SI. The SIACs provided will have 4 consecutive SIAC numbers, team members will run in the order of the SIAC numbers.

If you need to change runners on the day due to injury or unavailability you can do that within your team, but the results will reflect the original team entered.

Registration: from 5pm to collect your team's 4 SIAC sticks.

Start area and changeover area: Finish line of the athletics track



Start times: There will be a briefing and demonstration of the changeover at 5.50pm.
 6.00pm (All National O League, Senior Boys/Girls, Junior Boys/Girls)
 6.03pm (All Open runners)

Course closure: 7:30pm

Toilets: adjacent to the athletics track

Mobile coverage: Yes

Dogs: Sorry no dogs at this event

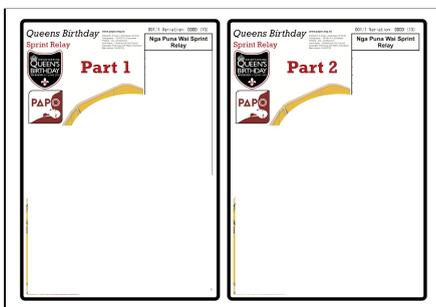
Grade	Course length	Number of controls
National O-League M/W20	2.4km	20
Senior Boys/Girls	2.4km	20
Junior Boys/Girls	2.4km	20
Open*	2.4km	20
National O-League M/W20	2.4km	20

* Open Grade teams may be any mix of age or gender. Children may be shadowed.

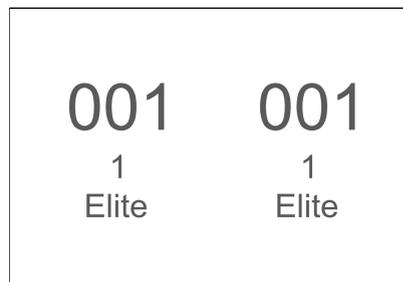
Course notes: There will be hockey games in progress throughout the evening and the areas around the hockey turfs will have spectators as well as teams warming up. You must be aware of all other people around you, and moderate your speed and direction to avoid any collisions.

Map notes: At the changeover, before you enter the changeover zone you will be given a map that is folded in half. This is a double sided A4 sheet with 2 A5-size maps on one side, and your team number, leg number, and grade on the reverse. Side 1 will be hidden, and side 2 will be showing when you are handed your map. Keep your map folded until you are tagged (or the race starts - Leg 1 runners), then open it and orienteer from the left side, labelled Part 1 in big red letters. When you reach the last control on Part 1, start looking at the right map labeled Part 2.

Side 1



Side 2



Hazards: Darkness - **you must wear a headtorch** (there will also be floodlights and streetlights but these don't cover every part of the map). Steps, kerbs, seats, structures. There are some small paths confined by fences or out-of-bounds areas which may have other users walking along them: make your presence known to avoid collision.



Event Three

Woodend North Long distance event

Date: Sunday 6 June 2021

Map: Tūhaitara Coastal Park

Planner: David Wright

Controller: Jenni Adams (Tane Cambridge as assistant)

Organiser: Sue Cooke

Overall event contact:

Scale: 1:10,000, 1:7500 or 1:5000 depending on grade

Contour interval: 2.5m

Map description: Complex forested sandhill terrain mixed with open forest and farmland areas (see more details in general section above for the Tūhaitara Coastal Park)

Location & travel directions: From Christchurch travel north on Highway 1 (signs for Picton), as you enter Woodend township take the first right onto Woodend Beach Rd, follow this road 3.8km to the end and park in the designated parking area

Location GPS co-ordinates: 43.337945S, 172.706446E

Parking: In the beach carpark or along the road as instructed.

Event arena: Located adjacent to the carpark

Registration: Event centre/arena

Start area: 1.2km from the event center, allow 15 to 20 mins

Start times: Allocated start times from 10.30am.

Course closure: 3.30pm

Toilets: There are public toilets at the event centre, and additional portable toilets will be provided at the event centre and the start

Mobile coverage: Spark and Vodafone generally available

Dogs: Welcome at the event centre, and the start, but not allowed on course.

Course details:

Course	Length	Scale	Grade
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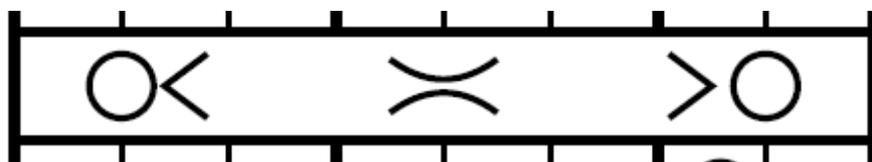


1	13.4km	1:10000	M21E
2	9.2km	1:10000	M20E, W21E
3	8.4km	1:10000	M21A, M40A, W20E
4	7.5km	1:10000	Senior Boys A
5	6.2km	1:10000	Senior Girls A
6	5.6km	1:7500	W21A, W40A, M50A
7	4.8km	1:7500	W50A, M21AS, M40AS, M60A,
8	3.6km	1:5000	W21AS, W40AS, M70A, W60A
9	3.0km	1:5000	W70A, W80A, M80A
10	4.2km	1:7500	Junior Boys A, Senior Boys B
11	3.8km	1:7500	Junior Girls A, Senior Girls B, Rec Orange
12	3.0km	1:7500	M12A, W12A, Junior Boys B, Junior Girls B, Rec Yellow
13	2.6km	1:7500	M10A, W10A, MW10N

Course notes: Mixture of vegetation, mainly sand dunes with pine forest. Some courses visit farmland areas.

Courses 1, 2, 3, 4 and 6 have a map flip partway through their courses. The map flip occurs at a different control for all courses.

Courses 1 to 5 have a compulsory crossing and is indicated on the map as shown below. You must cross at this point, it's unlikely that you will want to swim at this point anyway, so apart from being very wet and muddy you'll also be disqualified if crossing elsewhere!



Hazards: Uneven ground, blackberry and gorse (full body cover recommended), horses (on some tracks in the forest), cattle (potentially on some courses on the farmland). There is an irrigation ditch on some courses. The ditch is deep, wide and marked as uncrossable on map, competitors must use the marked crossing points.



Event tour

Woodend South Middle distance event

Date: Monday 7 June 2021

Map: Woodend South

Planner: Nick Smith

Controller: Bruce Steven

Organiser: Adrienne Shadbolt

Overall event contact: Bruce Steven

Scale: 1:7500 or 1:5000 depending on class (see table below)

Contour interval: 2.5m

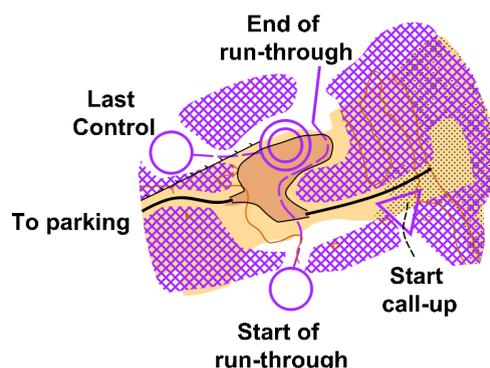
Map description: Complex forested sand dune terrain. Mostly open white forest, with small patches of tree-fall and some open areas. (see more details in general section above for the Tūhaitara Coastal Park)

Location & travel directions: Take SH1 north of Christchurch to Kaiapoi. Head along Beach Rd towards the Pines Beach/Kairaki, then turn left onto Ferry Rd. The turn into Ferry Road is on the bend at the end of the straight. Proceed north along Ferry Road 1.2km and then go straight through a gate onto a farm track. This gate is to be kept closed. Travel another 1km to the parking area.

Location GPS co-ordinates: 43.36529 S, 172.6951 E

Parking: Park in the designated area at the end of Ferry Rd as instructed.

Event arena: Walk 700m from parking to the event centre as directed. Stay within marked areas at the event centre. The forest is out of bounds unless otherwise marked. There is no water provided at the event, bring your own. Camp chairs and picnic mats are recommended as the event arena is mostly gravel with sandy areas around the edges.





Registration: Event centre/arena

Start area: The start is 50m from the event centre

Start times: Pre-allocated start times from 10:30am

Course closure: 2.30pm

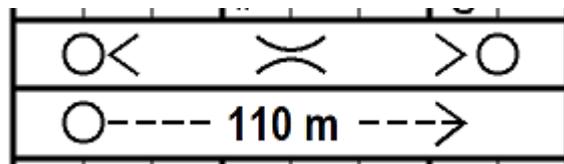
Toilets: Toilets are located 200m from the event centre, back towards the parking

Mobile Coverage: Generally available

Dogs: Sorry, no dogs

Course Details:

- All red and orange courses have a map flip partway through their courses. The map flip occurs at a different control for all courses. This control appears on both sides of your map, e.g. if the map flip is at control 10 on one side you will have controls 1-10 and the other side 10-finish.
- There is a compulsory spectator run-through for all red and orange courses. Follow tapes from the spectator control to the end of the marked run-through. On your map the course line will be bent to follow the taped run through (as in the event centre diagram above). The run-through will appear like this on your control descriptions:



Course/Class Combinations

Course	Difficulty	Grades	Course length	Number of controls	Map Scale
1	Red	M21E	5.1	27	1:7500
2	Red	W21E, M40A	4.3	23	1:7500
3	Red	Senior Boys A, M20E, M21A	3.9	21	1:7500
4	Red	M50A	3.4	19	1:7500
5	Red	Senior Girls A, W20E, W21A, W40A	3.0	18	1:7500
6a	Red	W50A	2.9	16	1:7500
6b	Red	M60A	2.9	16	1:5000
7	Red	W60A, M70A, W21AS, M21AS	2.0	14	1:5000
8	Red	W70A, W80A, W40AS, M80A, M40AS	1.6	10	1:5000



9	Orange	Junior Boys A, Senior Boys B	3.2	15	1:7500
10	Orange	Junior Girls A, Senior Girls B, Rec Orange	2.6	14	1:7500
11	Yellow	W12A, M12A, Junior Girls B, Junior Boys B, Rec Yellow	1.8	11	1:5000
12	White	W10A, M10A, MW10N	1.9	14	1:5000

Climb is negligible on all courses

Hazards: Uneven ground, sticks, patches of blackberry (lower body cover recommended), horses and mountain bikers (on some tracks in the forest). Other members of the public may be using tracks for walking etc.