NZ ORIENTEERING CHAMPIONSHIPS 2024

BULLETIN 2

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Version Control

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Bulletin and Event Updates

This Bulletin is correct at the date of publication. Any last minute updates will be posted on the NZ Orienteering Championships website - www.ochamps.nz.

To stay connected also check out the National Championships Facebook page – New Zealand Orienteering Champs.

Contact Details

Please direct all enquiries to nzoc2024@gmail.com.

For urgent and important queries during the event you can contact the Event Director, Erin Swanson, on 021 386 977.

1. OVERVIEW & IMPORTANT INFORMATION

Event Overview

Event	Venue	Address	Date	Starts (From)
Sprint	**Crown Park, Taupō**	Crown Road, Tauhara, Taupō	**Fri 29 March**	1pm (Registration open from 11am)
Mihi Whakatau	Crater Block	Ash Pit Road, Rerewhakaaitu	Sat 30 March	9.30am
Model Map	Crater Block	Ash Pit Road, Rerewhakaaitu	Sat 30 March	9.45am
Middle	**Crater Block**	Ash Pit Road, Rerewhakaaitu	**Sat 30 March**	11am
Long	**Crater Block**	Ash Pit Road, Rerewhakaaitu	**Sun 31 March**	10am
Prizegiving	Rerewhakaaitu Settlers Hall	Ash Pit Road, Rerewhakaaitu	Sun 31 March	5.30pm (Open from 4pm, 8 mins drive from Ash Pit Road)
Relay	**Crater Block**	Ash Pit Road, Rerewhakaaitu	**Mon 1 April**	10.30am

Important Information

- **Mihi Whakatau** – Please attend the Mihi Whakatau at 9.30am on Saturday to acknowledge, show respect, and thank Ngāti Rangitihi as mana whenua for enabling access to the Crater Block Forest. This also helps us in building our relationship with the local iwi. The model map will open immediately after this welcome.
- **Allow sufficient time** – Allow sufficient time to get from the parking area to the event arena, and then on to your start. Note the Sprint and Middle events both have two starts. Turn up early to use the Peak Safety shuttle if required.
- **No mountain access** - No participants are to go up Mount Tarawera, which is not open to the public, as this puts our land access at risk. Anyone who breaches this rule will be disqualified immediately from all events.
- **No forest vehicle access** – No vehicles other than official organisers vehicles with access permits are allowed within the Crater Block Forest.
- **SPORTident capability** – Longer courses will require SPORTident dibbers capable of holding more than 30 control punches. If you need to hire one, please email nzoc2024@gmail.com ASAP.
- **Relay teams** – Club relay coordinators to collect club relay packs from registration at Middle event (30th March). Completed club relay team sheets to be handed into registration, and composite runners to register, by 3pm at Long event (31st March).

2. WELCOMES

Orienteering Bay of Plenty and Taupō Orienteering Club

Taupō Orienteering Club and Orienteering Bay of Plenty (OBOP) are delighted to welcome you to the NZ Orienteering Champs 2024 (NZOC2024)! We hope you enjoy a great Easter of orienteering, connecting with other orienteers, and enjoying Rotorua, Taupō, and surrounds.

We would like to thank all the setters and controllers, as well as all the other volunteers for making these events happen. We hope Chris Morris has a speedy recovery after breaking his leg a few weeks ago putting out controls for Katoa Po.

This weekend would not have been possible without Ngāti Rangitihi, mana whenua of Crater Block, and our other landowners and managers. Please come along to the Mihi Whakatau on Saturday morning to acknowledge Ngāti Rangitihi. We feel privileged to offer NZ orienteers, and those from oversees, the opportunity to experience Te Pūtake o te Maunga.

Enjoy!

Erin Swanson

OBOP President & Event Director

Lyndon Haugh

Taupo Orienteering Club President

Orienteering NZ

Welcome from ONZ to the 2024 National Orienteering Champs. How awesome it is to have 17 clubs in New Zealand represented, and a contingent from Australia coming over making a total of over 700 people.

Nationals is our pinnacle event in our national calendar, and with some great relationships OBOP have secured three out of the four days at Crater Block Rerewhakaaitu, a previously used map from 1990s. I am super excited about this map - having heard so many positive things about it over the years!

Sarah O'Sullivan

Orienteering NZ
Chair

3. SPRINT EVENT

Date	29 March 2024	
Map	Crown Park	
Location & Directions	**Location:** Crown Park, Crown Road, incorporating Tauhara College, Lake Taupo Christian School, and Taupo Intermediate School. **Directions:** From the roundabout at intersection of SH5 to Napier and SH1, turn west towards the lake, down Napier Road. Turn right into Crown Road past the Z Service Station and follow Crown Road approximately 2 kms. Parking is accessed from Crown Road. If approaching from Taupo CBD, turn into Crown Road at intersection with Taharepa Road. Parking at about 0.5 km. For those with young children, parking at Event Centre about 200m down Invergarry Road, on east side of Crown Park.	
GPS Coordinates	Entrance to Parking area: S38.692915; E176.104907	
Planner	Tim Robertson	
Controller	Chris Morris and Lyndon Haugh	
Mapper	Chris Morris	
Map Scales	1:4,000; 1:3,000; 1:2500	
Contour Interval	5 metres	
Timing	Registration Opens	11am
	First Start	1pm
	Prizegiving 1	2.30pm (approximately)
	Prizegiving 2	3.30pm (approximately)
	Course Closure	4pm
Pre-Start & Warm Up	On park north of Event Centre	
Number of Starts	2	
Distance from Parking to Event Arena	200m	
Distance from Event Arena to Start(s)	**Start 1**: Courses 1-5; 1200 m; 15 minutes **Start 2**: Courses 6-11; 800 m; 10 minutes	
Out of Bounds	Crown Park south of Crown Road except for parking area and route to Event Centre.	

	Tauhara College, Taupo Intermediate School, Lake Taupo Christian School, and surrounds. Invergarry Road south of Event Centre and Kiddle Drive.
Hazards	Public pedestrians in park area and road crossing to Start 1 (Courses 1-5). Controlled untimed road crossing courses 1-5.
Safety Bearing	Non-Applicable
Toilets	At Event Centre and Start 1

Event Area Layout

Terrain

Terraced pumice land; school buildings with extensive paved/ decking areas; sports fields; and small patches of bush and forest.

Specific Mapping Notes/Symbols

Rock and railing fence (similar to the fence around the parking area) - the Ruined Fence symbol.

Important Course Information

- **Map Flips and Road Crossing – Courses 1-5**

  For Courses 1-5 (Start 1) there are both map flips and an untimed road crossing. The road crossing is close to Start 2.

  For Courses 1 and 2, there is also a map change after the road crossing.

The layout of the road crossing is shown below.

Be careful when crossing the road and observe road rules. There is no traffic control in place and traffic will not be stopped. Do not dawdle on the untimed section or read your map. You will be observed by an official and will be disqualified if you break these rules.

After crossing the road, punch the control, which restarts the timing, before proceeding with the continuation of your course.

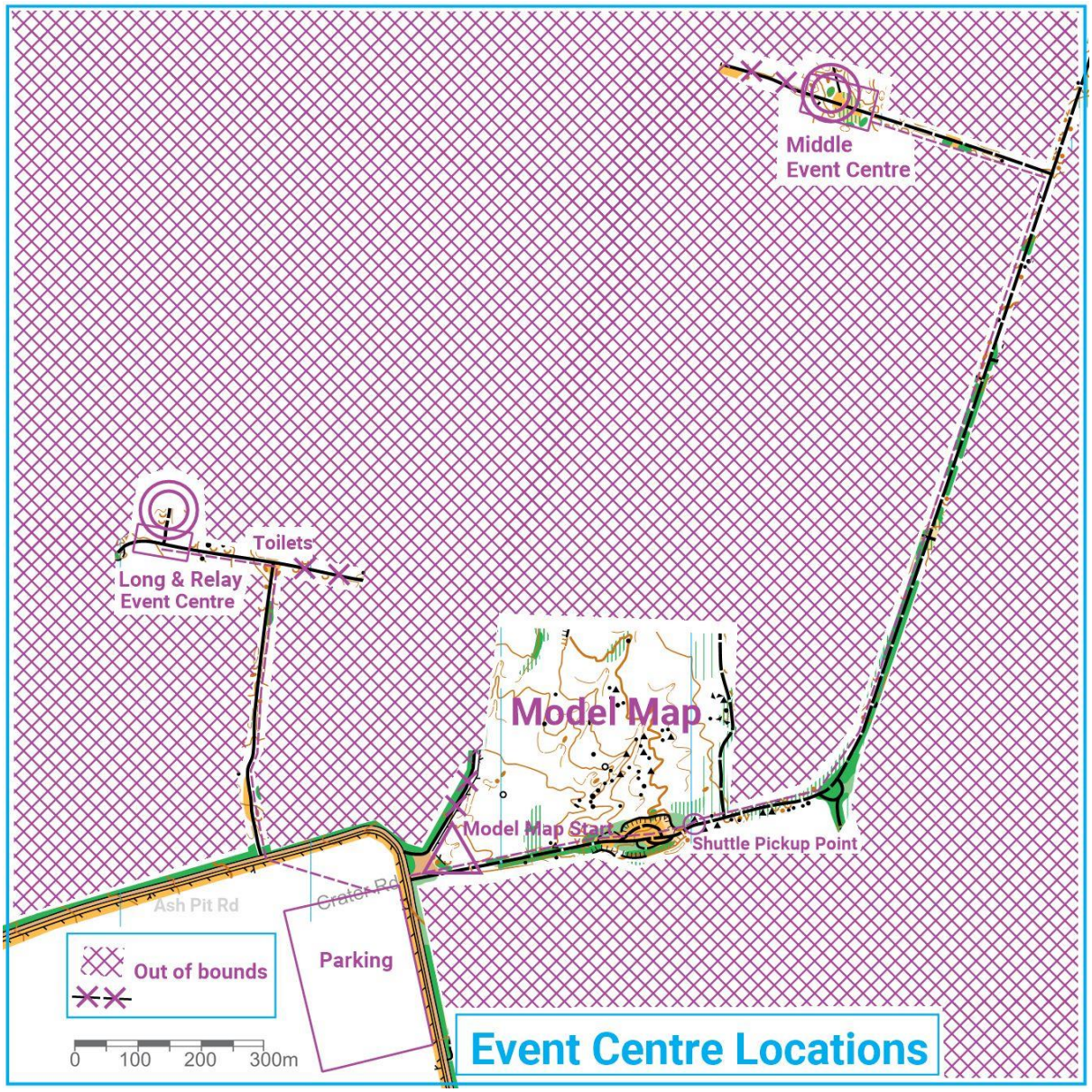
For Courses 1 and 2 – after punching there is a map change. Place your old map in the provided box and pick up a new one. Ensure that it is for your course and that you have only one map. It is your responsibility to ensure that you have the correct map.

Course & Class Information

The estimated winning time for all courses is 12-15 minutes.

<table>
<tr><th rowspan="2">Course</th><th colspan="2">Class</th><th rowspan="2">Start</th><th rowspan="2">Scale</th><th rowspan="2">Length (km)</th><th rowspan="2">Climb (m)</th><th rowspan="2">Controls</th></tr>
<tr><th>Men</th><th>Women</th></tr>
<tr><td>1</td><td>M20E, M21E</td><td></td><td>1</td><td>1:4,000</td><td>3.4</td><td>30</td><td>29</td></tr>
<tr><td>2a</td><td>M16A, M18A, M20A, M21A, M35A</td><td>W20E, W21E</td><td>1</td><td>1:4,000</td><td>3.0</td><td>30</td><td>26</td></tr>
<tr><td>2b</td><td>M40A</td><td></td><td>1</td><td>1:3,000</td><td>3.0</td><td>30</td><td>26</td></tr>
<tr><td>3</td><td>M45A, M50A</td><td></td><td>1</td><td>1:3,000</td><td>2.7</td><td>30</td><td>23</td></tr>
<tr><td>4a</td><td>M14A</td><td>W16A, W18A, W20A, W21A</td><td>1</td><td>1:4,000</td><td>2.4</td><td>30</td><td>21</td></tr>
<tr><td>4b</td><td>M55A</td><td></td><td>1</td><td>1:3,000</td><td>2.4</td><td>30</td><td>21</td></tr>
<tr><td>5a</td><td></td><td>W14A, W35A</td><td>1</td><td>1:4,000</td><td>2.1</td><td>30</td><td>18</td></tr>
<tr><td>5b</td><td>M60A, M65A</td><td>W40A, W45A, W50A</td><td>1</td><td>1:3,000</td><td>2.1</td><td>30</td><td>18</td></tr>
<tr><td>6a</td><td>M21AS</td><td>W21AS, W55A, W60A, W65A</td><td>2</td><td>1:3,000</td><td>1.7</td><td>20</td><td>17</td></tr>
<tr><td>6b</td><td>M70A, M75A</td><td></td><td>2</td><td>1:2,500</td><td>1.7</td><td>20</td><td>17</td></tr>
<tr><td>7</td><td>M80A</td><td>W70A, W75A</td><td>2</td><td>1:2,500</td><td>1.5</td><td>20</td><td>13</td></tr>
<tr><td>8</td><td>M85A, M90A</td><td>W80A, W85A, W90A</td><td>2</td><td>1:2,500</td><td>1.2</td><td>20</td><td>10</td></tr>
<tr><td>9</td><td colspan="2">Open Recreation</td><td>2</td><td>1:2,500</td><td>1.4</td><td>20</td><td>15</td></tr>
<tr><td rowspan="2">10</td><td>M12A</td><td>W12A</td><td rowspan="2">2</td><td rowspan="2">1:2,500</td><td rowspan="2">1.2</td><td rowspan="2">20</td><td rowspan="2">12</td></tr>
<tr><td colspan="2">Open Easy</td></tr>
<tr><td rowspan="2">11</td><td>M10, M10N</td><td>W10, W10N</td><td rowspan="2">2</td><td rowspan="2">1:2,500</td><td rowspan="2">1.0</td><td rowspan="2">20</td><td rowspan="2">14</td></tr>
<tr><td colspan="2">Open Very Easy</td></tr>
</table>

4. CRATER BLOCK EVENT CENTRE LOCATIONS



5. MIDDLE EVENT

Date	30 March 2024	
Map	Te Pūtake o te Maunga (formerly Crater Block)	
Location & Directions	Location: Ash Pit Road, Rerewhakaaitu. **Directions:** From SH5, approximately 26 kms south of Rotorua, take SH38 east for approximately 5 kms. Turn left on Rerewhakaaitu Road and after 2.5 kms turn left onto Brett Road and follow this to Ash Pit Road. Turn right and travel for 1 km to event parking. Signposted from SH38.	
GPS Coordinates	-38.272385, 176.510811	
Planner	Neil Kerrison	
Controller	Greg Flynn	
Mapper	Russell Higham	
Map Scales	1:10,000; 1:7500; 1:5000	
Contour Interval	5 metres	
Timing	Mihi Whakatau	9.30am
	Model Map Opens	9.45am
	Registration Opens	10am
	First Start	11am
	Prizegiving 1	1pm (approximately)
	Prizegiving 2	2.30pm (or earlier)
	Course Closure	4pm
Pre-Start & Warm Up	On forest road between parking, Event Centre, and Start.	
Number of Starts	2	
Distance from Parking to Event Arena	2 km gradual uphill. Allow at least 30 minutes. A shuttle will run for the over 85 grades, parents with babies and the injured. This will leave from the top of the model map NOT the car park. See diagram above.	
Distance from Event Arena to Start(s)	**Start 1** – Courses 1 to 5: 2.1km, estimated 30 minutes walk. **Start 2** – Courses 6 to 13: 1.4km, estimated 20 minutes walk.	

Out of Bounds	The forest on either side of the road leading to the Event Centre and Starts are strictly out of bounds with the exception of the model map.
Hazards	Cliffs and steep earth banks predominate the map. Uneven ground and hidden holes. The walk to the Event Centre uses and crosses a public road – beware of traffic.
Safety Bearing	On all courses, safety bearing south (downhill) until hit main forest road or Ash Pit Road.
Toilets	Event Centre and Start 2. There are no toilets at Start 1 but you go past Start 2 on way to Start 1.

Event Centre Layout

Terrain

Crater Block Forest is a predominantly pine forest on the lower slopes of Mount Tarawera, on a gentle to moderate rising slope across the length of the map. The terrain offers diverse features: from open broad vague terrain, to tight spur gully features with cliffs, earth banks, erosion gullies and dry stream beds. The map is littered with boulders and boulder clusters, knolls, remnants of windrows, and a number of piles of old fencing wire (leftover from when this area was farmed). Rocks can sometimes be difficult to see, due to vegetation cover and pine needle deposits. Runnability is highly variable and can be physically demanding. Open forest has good visibility, but the terrain underfoot can be soft and uneven in some places.

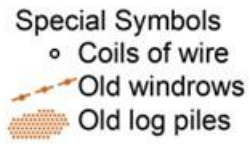
The Middle area has a block of mature podocarp native. This can vary from beautiful open with clean running, to tighter green that will slow progress. There is some blackberry and bush lawyer, along with plenty of hook grass. At least full leg cover is recommended.

Specific Mapping Notes/Symbols

The area has been mapped at 1:10,000 (5 metre contours) using a generalized approach. This is of key importance as many parts of the map have a lot of minor features which are not shown. For example, there are literally thousands of knoll-like features across the map. However, the mapper has only shown knolls which are more significant and stand out from the rest. Similarly, mapped rocks can vary in size, and whilst many rocks and clusters are mapped accurately, there will be other less obvious ones omitted.

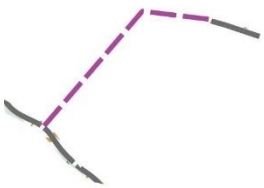
Areas of windfall are found throughout the pine and can impede progress. Where these are significant, they are mapped as dark green. However singular fallen trees are not mapped. Dark green is also used to map other types of "fight" and undergrowth, which includes blackberry, scrub, or dense vegetation. Whilst the same symbol of green is used to signify the "fight" element, how these areas look on the ground can vary considerably. There are also small patches of ferns throughout the forest which appear green on the ground, but which are not mapped as do not impede progress. Undergrowth and single fallen trees, whilst not mapped, can sometimes make gullies harder to run through than spurs and may affect route choice. This is especially true for the longer Middle courses.

Coils of wire are shown on the map using the man-made feature-black circle symbol. Windrows are remnants of piles left over from logging operations. The following special symbols are used for the map.



Important Course Information

- **Course 12 (Yellow)** - Has a taped route through the forest marked on their maps. This is not compulsory but may aid and be used. It is marked on the map with the 'taped' purple dashed line and tape on the ground.



Course & Glass Information

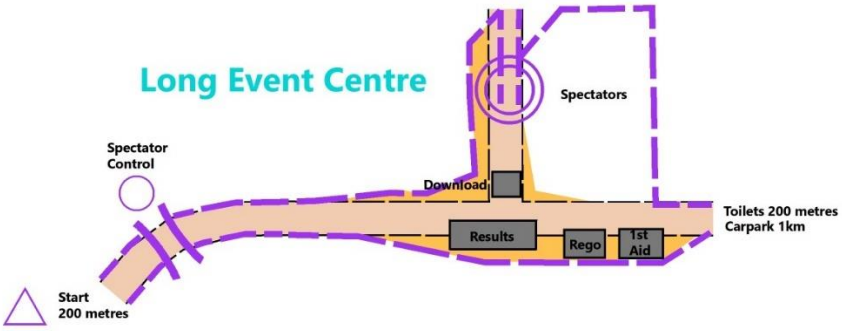
Course	Class		Start	Scale	Length (km)	Climb (m)	Controls	EWT (mins)
	Men	Women						
1	M21E, M20E		1	1:10,000	5	170	17	35
2a	M35A	W21E, W20E	1	1:10,000	3.4	120	13	35
2b	M40A		1	1:7,500	3.4	120	13	35
3	M18A, M21A, M20A, M45A, M50A		1	1:7,500	2.6	95	10	30
4	M16A, M55A	W21A, W35A, W40A	1	1:7,500	2.4	80	9	25- 30
5		W18, W20A W45A, W50A	1	1:7,500	2.3	70	9	30
6a		W16A, W55A	2	1:7,500	1.8	50	8	25
6b	M60A, M65A		2	1:5,000	1.8	50	8	25
7	M70A	W60A	2	1:5,000	1.5	35	7	25
8	M75A, M21AS, M40AS	W65A, W70A	2	1:5,000	1.5	25	9	20
9	M55AS, M80A	W75A, W21AS, W40AS, W55AS,	2	1:5,000	1.1	20	7	20
10	M85A, M90A	W80A, W85A W90A	2	1:5,000	1.1	20	6	20
11	M14A	W14A	2	1:7,500	1.6	40	9	20
	Open Recreation							
12	M12A	W12A	2	1:5,000	1.5	25	6	20
	Open Easy							
13	M10A, M10N	W10A, W10N	2	1:5,000	1.5	25	9	20
	Open Very Easy							

6. LONG EVENT

Date	31 March 2024	
Map	Te Pūtake o te Maunga (formerly Crater Block)	
Location & Directions	Location: Ash Pit Road, Rerewhakaaitu. **Directions:** From SH5, approximately 26 kms south of Rotorua, take SH38 east for approximately 5 kms. Turn left on Rerewhakaaitu Road and after 2.5 kms turn left onto Brett Road and follow this to Ash Pit Road. Turn right and travel for 1 km to event parking. Signposted from SH38.	
GPS Coordinates	-38.272385, 176.510811	
Planner	Dennis De Monchy	
Controller	Peter Swanson	
Mapper	Russell Higham	
Map Scales	1:10,000; 1:7,500; 1:5,000	
Contour Interval	5 metres	
Timing	Registration Opens	9.00am
	First Start	10.00am
	Course Closure	4.00pm
	Social Event Starts	4.00pm
	Prizegiving	5.30pm
Pre-Start & Warm Up	On forest road between parking, Event Centre, and Start.	
Number of Starts	1	
Distance from Parking to Event Arena	1 km, allow 20 minutes (will be signposted)	
Distance from Event Arena to Start(s)	250 m, allow 10 minutes	
Out of Bounds	The forest on either side of the road leading to the Event Centre and Start are strictly out of bounds.	
Hazards	Cliffs and steep earth banks predominate the map. Uneven ground and hidden holes. Also beware of animal traps (claw/gin type) that may be present in the forest, although not near control sites. The walk to the Event Centre uses and crosses a public road – beware of traffic.	
Safety Bearing	On all courses, safety bearing south (downhill) until hit main forest road or Ash Pit Road.	

Toilets	200m from Event Centre

Event Centre Layout



Terrain

Crater Block Forest is a predominantly pine forest on the lower slopes of Mount Tarawera, interspersed with patches of native (often mānuka), on a gentle to moderate rising slope across the length of the map. The terrain offers diverse features: from open broad vague terrain, to tight spur gully features with cliffs, earth banks, erosion gullies and dry stream beds. Erosion from higher up on the mountain has led to pumice fans, which extend down many of the gully systems and also into forested parts of the map and these can be quite runnable. The map is littered with boulders and boulder clusters, knolls, remnants of windrows, and a number of piles of old fencing wire (left over from when this area was farmed). Rocks can sometimes be difficult to see or separate from knolls, due to vegetation cover and pine needle deposits. Runnability is highly variable and often physically demanding. Open forest has good visibility, but the terrain underfoot can be soft and uneven in some places. Native can vary from beautiful open with clean running, to tighter green that will slow progress. As stated pumice fans and gullies can often provide good runnability. There is some blackberry and bush lawyer, along with plenty of hook grass - at least full leg cover is recommended.

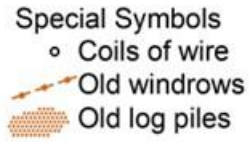
Specific Mapping Notes/Symbols

The area has been mapped at 1:10,000 (5 metre contours) using a generalized approach. This is of key importance as many parts of the map have a lot of minor features which are not shown. For example, there are literally thousands of knoll-like features across the map. However, the mapper has only shown knolls which are more significant and stand out from the rest. Similarly, mapped rocks can vary in size, and whilst many rocks and clusters are mapped accurately, there will be other less obvious ones omitted.

Areas of windfall are found throughout the pine and can impede progress. Where these are significant, they are mapped as dark green. However singular fallen trees are not mapped. Dark green is also used to map other types of “fight” and undergrowth, which includes blackberry, scrub, or dense vegetation. Whilst the same symbol of green is used to signify the “fight” element, how these areas look on the ground can vary considerably. There are also small patches of ferns throughout the forest which appear green on the ground, but which are not mapped as do not impede progress. Undergrowth and single

fallen trees, whilst not mapped, can sometimes make gullies harder to run through than spurs and may affect route choice.

Coils of wire are shown on the map using the man-made feature-black circle symbol. Windrows are remnants of piles left over from logging operations. The following special symbols are used for the map.



Important Course Information

- **Map change – Course 1** - Course 1 has a map change at control 22. Runners can leave their first map (A3 custom size) in the box provided at the control site and collect their second map (A4) from the separate box. Please ensure you only take one map and leave the others in the box. The course continues from the start triangle on the second map.
- **Special course notes for Courses 15 and 16 (White and Yellow courses)** - Orange tape is used for marked routes on both White and Yellow courses. Both courses follow fence lines, an intermittent trail, and along (beneath) a line of cliffs. Wands (bamboo canes approximately 60cm tall) with red tape and orange streamers will be used to mark some sections which may be less obvious to ensure absolute clarity of direction. Parents of younger children doing these courses should ensure children are briefed to follow the orange tape and streamers. A sample will be on display at the start for competitors on those courses.

Other Information

- **Spectator control** - There is a spectator control on the western edge of the Event Centre which courses 1-3 will pass through. Competitors from these courses may cross the road at this point. Please take care not to impede their travel.
- **Leg cover** – strongly recommended due to significant amounts of hook grass, and some bush lawyer and blackberry.

Course & Class Information

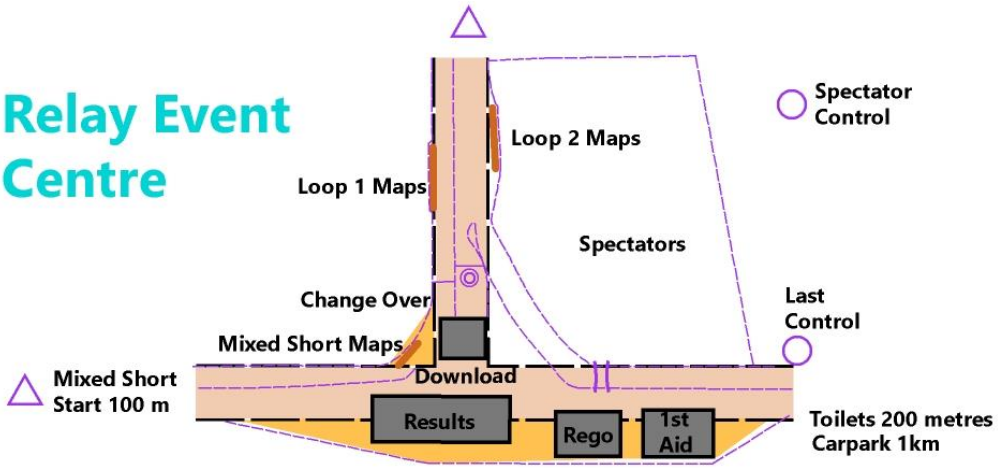
Course	Class		Scale	Length (km)	Climb (m)	Controls	Map Change	EWT (mins)
	Men	Women						
1	M21E		1:10,000	13.6km	480	33	Yes	100
2	M20E		1:10,000	10.1km	330	29	No	85
3		W21E	1:10,000	8.7km	325	27	No	85
4a	M21A, M35A		1:10,000	6.6km	250	21	No	65
4b	M40A		1:7,500	6.6km	250	21	No	60
5a	M18A, M20A	W20E	1:10,000	6.3km	240	20	No	60-70
5b	M45A		1:7,500	6.3km	240	20	No	60
6a	M16A	W21A, W35A	1:10,000	6.0km	225	20	No	55-65
6b	M50A, M55A	W40A	1:7,500	6.0km	225	20	No	60
7	M60A	W45A, W50A	1:7,500	5.4km	210	20	No	55-60
8a		W16A, W18A, W20A	1:10,000	4.6km	160	16	No	55-60
8b	M21AS	W55A	1:7,500	4.6km	160	16	No	50-60
8c	M65A		1:5,000	4.6km	160	16	No	55
9a	M40AS	W60A, W21AS	1:7,500	3.8km	155	15	No	45-55
9b	M70A		1:5,000	3.8km	155	15	No	55
10a	M75A	W65A, W70A	1:5,000	3.1km	115	13	No	50-55
10b	M55AS	W40AS	1:7,500	3.1km	115	13	No	45
11a		W55AS	1:7,500	2.3km	75	11	No	45
11b	M80A, M85A	W75A, W80A	1:5,000	2.3km	75	11	No	40
12	M90A	W85A, W90A	1:5,000	1.8km	60	9	No	40
13	M14A		1:7,500	4.0km	120	15	No	45
14		W14A	1:7,500	3.3km	95	12	No	45-60
	Open Recreation							
15	M12A	W12A	1:5,000	2.0km	50	9	No	35 Median
	Open Easy							
16	M10, M10N	W10, W10N	1:5,000	1.9km	45	13	No	35 Median
	Open Very Easy							

7. RELAY

Date	1 April 2024	
Map	Te Pūtake o te Maunga (formerly Crater Block)	
Location & Directions	Location: Ash Pit Road, Rerewhakaaitu. **Directions:** From SH5, approximately 26 kms south of Rotorua, take SH38 east for approximately 5 kms. Turn left on Rerewhakaaitu Road and after 2.5 kms turn left onto Brett Road and follow this to Ash Pit Road. Turn right and travel for 1 km to event parking. Signposted from SH38.	
GPS Coordinates	-38.272385, 176.510811	
Planner	Greg Flynn	
Controller	Chris Morris (Neil Kerrison)	
Mapper	Russell Higham	
Map Scales	1:7,500; 1:5,000	
Contour Interval	5 metres	
Timing	Registration Opens	9am
	Race Briefing	10:15am
	Start	10:30am
	Course Closure	1:30pm
	Prizegiving	1:15pm
Pre-Start & Warm Up	On forest road between parking, Event Centre, and Start.	
Number of Starts	2.	
Distance from Parking to Event Arena	1km. Allow 20 minutes.	
Out of Bounds	The forest on either side of the roads leading to the Event Centre are strictly out of bounds.	
Hazards	Cliffs and steep earth banks predominate the map. Uneven ground and hidden holes. Also beware of animal traps (claw/gin type) that may be present in the forest, although not near control sites.	

	The walk to the Event Centre uses and crosses a public road – beware of traffic.
Safety Bearing	On all courses, safety bearing South until hit Ash Pit Road.
Toilets	200m from Event Centre.

Event Area Layout



Terrain

Refer Long event.

Specific Mapping Notes/Symbols

Refer Long event.

Relay Team Registration

A nominated representative from each orienteering club should collect a club relay pack from registration at the Middle event on 30th March. This will contain a list of club members entered in the relay, stickers for each runner, a form to attach the stickers to showing the teams and the running orders of competitors within those teams, and any other relevant instructions. Completed forms must be returned to registration at the Long event by 3pm on Sunday 31st March. Runners who are not in a club relay team also need to register at the Long registration by 3pm.

Relay bibs can be collected by the club nominated representative between 9 and 9.30am on the morning of the Relay event. Anyone who does not have a team should report to Registration by 9am on morning of Relay event to meet your teammates.

Relay Event Operation

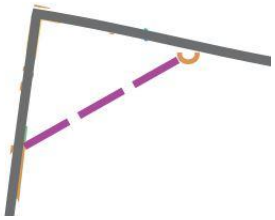
- **Team bibs and numbers** - Bibs will be assigned with a number – the leading digit is the leg; the remaining numbers are the team number e.g. 140 = 1st leg on team 40; 340 = 3rd leg on team 40.
- **Loops and finish procedure**

- For runners on Mixed Open, Mixed Masters, Mixed Veterans Legs 1 and 3, and Open Short Legs 1 and 3 – your course will comprise of 2 loops. At the end of your first loop, after punching the last control, follow the tapes towards the Finish area, carry on towards the map boards holding 'Loop 2 Maps'. Drop your first leg map, then collect the correct Loop 2 map (team number), and proceed towards the Start triangle for your second loop.
- All Mixed Short, Mixed Veterans leg 2, and Open Short leg 2 runners have 1 loop.
- At the end of your last loop, after punching the last control, follow the tapes towards the finish area. Once there you do a '180' and proceed towards the finish line, finish punch, and change over area. You must **punch** the finish control – Air mode will be disabled. Please punch in the order in which you cross the finish line. The placings are determined by the order over the finish line not by the finish punch.

- **Forking / Splits** - There are numerous forking / splits which has created many variations. Please check control descriptions and read the course markings on the map carefully. The control numbers have been reduced by 20% for legibility – they are still plenty big enough as the map scales are at 1:7,500 and 1:5,000 (see table below).

Important Course Information

- **Mixed Short Legs 1 and 3 (Orange and Yellow)** - Have a taped route through the forest marked on their maps, this is not compulsory, but may aid and be used. It is marked on the map with the 'taped' purple dashed line and tape on the ground.



Course & Class Information

Course	Allowed Classes	Difficulty	Scale	Map Size	Leg	Loops/ Maps	Distance	Climb	Controls
Mixed Open	Open	Red	1:7,500	A4	1	2	5.8km	150m	30
					2	2	4.5km	130m	26
					3	2	5.8km	150m	30
Mixed Masters	MW40+	Red	1:7,500	A4	1	2	4.5km	130m	26
					2	2	3.2km	80m	21
					3	2	4.5km	130m	26
Mixed Veterans	MW60+	Red	1:5,000	A4	1	2	3.0km	90m	19
					2	1	1.9km	45m	14
					3	2	3.0km	90m	19
Open Short	Open	Red	1:5,000	A4	1	2	3.0km	90m	19
					2	1	1.9km	45m	14
					3	2	3.0km	90m	19
Mixed Short	1.Up to MW16, All B Classes	Orange	1:7,500	A4	1	1	2.9km	70m	11
	2.Up to MW12	White			2	1	2.2km	40m	13
	3.Up to MW14	Yellow			3	1	2.6km	55m	12

8. COMPETITION INFORMATION

Rules

The events will be run under the latest version of the Orienteering New Zealand (ONZ) 'Competition Rules for New Zealand Foot Orienteering Events'. NZOC2024 has A-Level status across all four events: Sprint, Middle, Long and Relay.

As per IOF Foot O rule 21.4, competitors shall not use or carry telecommunication equipment between entering the prestart area and reaching the finish of a race, unless the equipment has been approved by the Controller prior to the event. GPS-enabled devices (watches etc.) may be carried provided that they have no map display and are not used for navigation purposes.

Fair Play

All competitors mustl 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.

Competitor Affiliations

Entries to NZOC2024 must be from persons affiliated to Orienteering New Zealand (ONZ) or an (International Orienteering Federation (IOF)member organisation, or who pay a one-event participation fee. New Zealand Championship titles may be held only by members of ONZ-affiliated clubs who are also NZ citizens or permanent residents, as defined by the New Zealand Immigration Service. Payment of a one event participation levy does not grant eligibility.

Embargoes

All the areas used for NZOC2024 are embargoed, which means there are strict restrictions which all competitors must comply with around access to the competition areas. Refer to the Embargo Notice on the ochamps.nz website and ONZ website for further information.

Entries, Withdrawals & Refunds

Entries for NZOC2024 closed on 22nd March. No on-the-day entries will be accepted. For information on withdrawals, refunds and changes refer to ochamps.nz website.

Model Map

There will be a model map available for Crater Black, Te Pūtake o Te Maunga. This will be located at the entrance to the forest and will be available from around 9.45am after the Mihi Whakatau preceeding the Middle event. It will also be open for the Long event. The blackberry has exploded over the upper half of the model map, being ankle to knee deep, but still passable. This is not a reflection of the competition areas.

Timing System

All events will use the SPORTident (SI) electronic punching system in accordance with the ONZ Policy on contactless punching. This means SI Air+ controls will be enabled at all four

events. However, they will also work with non-SI Air+ cards if they are manually punched in the control box. SPORTident cards (SI cards or dibbers) will be used for recording your punches. If you have a SPORTident Active Card (SIAC) you will be able to use SI Air+ contactless punching.

It is the individual competitor's responsibility on Longer courses with more than 30 control punches to ensure that they have a SPORTident dibber capable of holding the number control punches on their course. If you need to hire one, please email nzoc2024@gmail.com ASAP.

It is also the competitor's responsibility to check their SIAC battery. There will be a box available to do this at registration.

Your SI card has a number that is specifically related to you as a competitor. Your SI card must not be used by anyone else at the event. If you have hired an SIAC please collect from registration before your first event. If you lose your SIAC you will be asked to pay a $120 replacement charge.

Note If your SIAC stops working in Air mode (no beep or flash), it can still be used like a regular SI card to punch each station. If a SI unit does not function (there is no beep and no flash) then use the pin punch attached to the control stand and punch on your map in one of the spaces provided. If you have pin punched any controls on your map you must hand the map in at the Finish and explain what you have done.

Start Lists

Start lists will be published on the ochamps.nz website on 25th March.

Start Procedure

There are two starts for the Sprint and Middle events, and one start for the Long event. Please allow sufficient time to get to your start and be there 10 minutes before your start time.

We will be operating a 'silent start'. Any additional information not already communicated will be displayed at the start, with special briefings given to young children who may not be able to read the instructions.

Competitors will be called up 4 minutes before their start and will move through four boxes before their start time.

Pre-Start	-4 mins	-3 mins	-2 mins	-1 min	-0 min
Clear Check	Competitor Sign In SI Number Inspection	Check Air Test	Collect Control Descriptions	Collect Map	Start – GO!

Late Starters

Competitors who arrive at the start late must report to the relevant start manager, who will manage the competitor's start and record the start time. The competitor will start when told to do so using a punch start.

Your start time will run from your original start time. If you consider that you have a valid reason for being late, inform the event officials when you download after finishing your course. It will be at the Controller's discretion as to whether they adjust your start time to your punch start time.

Map Paper

All event maps will be printed on Teslin waterproof paper, 115 gsm.

Controls

Each control will be equipped with:

- One electronic punching station (SI unit). Some high traffic controls may have two SI units.
- One back up needle punching device – only to be used if the SI unit fails.
- A control flag.
- A control code. It is the competitor's responsibility to check that they are at the correct control.

Finish and Download

All competitors must punch the finish control and report to the download tent on the completion of their course. You must punch the finish control and punch the download control at the download tent even if you do not complete your whole course.

Competitors will be required to leave their map in the designated bins located directly after downloading until the time that the last competitors have started. Maps will be available for collection after the last competitor has started.

Results Queries

If a competitor has any queries about a control, their download or otherwise in relation their results these can be raised at the queries desk at the download tent. This will then be resolved with the Controller as soon as possible.

Shadowing

Only competitors in MW10N may be shadowed and they may start when their shadow is ready. Shadows must already have run their course before they can shadow.

Lost or Late Runners

If you have concerns about the location of a competitor on the course, please report this to the Event Director or an official at registration so that we can alert the Controller. Do not initiate your own search.

Complaints & Protests

Complaints and protests will be handled in accordance with the ONZ rules 27, 28, 29 and 30.

A complaint can be made about a 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 must be advised to the complainant, and displayed on the results board as soon as possible, within 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.

A protest must be made in writing to the Controller or a member of the jury within 30 minutes of the Controller's decision about a complaint being advised to the complainant and displayed on the result board. Protests received after this time limit may be considered at the discretion of the jury if there are valid exceptional circumstances, which must be explained in the protest. The jury will consider the protest, and its decision will be final. If the protest is upheld, this may result in that grade being invalidated. If the protest is not upheld, the complainant may lose their fee for lodging the protest (equivalent to the entry fee for the event).

Jury members for NZOC2024 are:

	Sprint	Middle	Long	Relay
Convenor	Gillian Ingham (Wellington Orienteering Club)	Alistair Metherell (Peninsula and Plains Orienteering Club)	Marquita Gelderman (North West Orienteering Club)	Guy Cory-Wright (Auckland Orienteering Club)
Member 2	Jeff Greenwood (Auckland Orienteering Club)	Nick Collins (Orienteering Taranaki)	Martin Peat (Peninsula and Plains Orienteering Club)	Aidan Ellmers (Hawkes Bay Orienteering Club)
Member 3	Richard Greatrex (NOC)	Rob Murphy (North West Orienteering Club)	Michael Croxford (Nelson Orienteering Club)	Jean Cory-Wright (Peninsula and Plains Orienteering Club)
Reserve 1	Rolf Boswell (Orienteering Waikato)	Michael Wood (Orienteering Hutt Valley)	Martin Crosby (Auckland Orienteering Club)	Alister Stewart (Auckland Orienteering Club)
Reserve 2	Hugh Furlong-Ford (Hawkes Bay Orienteering Club)	Russell Higham (Red Kiwi Orienteering Club)	Tane Cambridge (Peninsula and Plains Orienteering Club)	Bruce Steven (Peninsula and Plains Orienteering Club)

Previous Maps

Previous maps for the event areas – Crater Block and Crown Park – can be found on the NZOC website.

9. GENERAL INFORMATION

Parking & Transport

Park in accordance with the instructions for each event. Note that only specially permitted vehicles can access the Crater Block Forest area. Competitors will need to park in the field and then make their way to the Event Centres. The Long and Relay are only a short walk into the forest, but the Middle event is a reasonable distance. Please allow sufficient time. There will be a Peak Safety shuttle for those with young children or older competitors who cannot manage the walk. Please come to the parking area early and let the marshalls know if you need a ride.

Registration

All competitors will need to visit registration when they arrive at their first event to collect their competitor bib, as well as their hired SPORTident Air Card (SIAC) and t-shirt (if applicable). Please bring your own safety pins to attach your bib if possible.

Results

Results will be displayed on screens at the Event Centre. It will also be possible to view live results on your WIFI enabled phone or device. To connect use the following steps. If you cannot get it to work, please ask another able competitor, rather than seeking support from download officials.

- Connect to the WIFI network: OChamps
- Open a web browser and type in address: 1.1.1.1
- Follow grade selection to view results.

Prizegivings & Social Event

Prizegivings for the different events will take place as follows:

- **Sprint** – There will be two prizegivings at approximately 2.30pm and 3.30pm.
- **Middle** - There will be two prizegivings at approximately 1pm and 2.30pm.
- **Long** – The prizegiving will take place at the social event – see below.
- **Relay** – At the conclusion of the Relay, approximately 1.15pm.

The classes included, and the exact timing of the prizegivings at the Sprint and Middle, will be managed depending on actual timings of virtually all competitors in the different classes completing their courses. This will be visible from the results screens. The classes included in each prizegiving will also be announced over the loudspeaker at the events.

A social gathering will be held at the Rerewhakaaitu Settlers Hall starting at 4pm on Easter Sunday, 31st March. This will follow straight on from the conclusion of the Long event and is a short 8 minute drive from the parking area.

The prizegiving at approximately 5.30pm will cover the Long event and the Orienteering NZ Annual Awards. We request that all Long prizewinners come up to the front/speaker area before we commence the awards to ensure we can have an efficient prizegiving.

There will be three food carts in attendance to grab yourself a snack or early dinner. Please support them for driving all the way from Tauranga. EFTPOS available. You are welcome to bring your own drinks.

- **Banger Boys** - https://www.facebook.com/bangerboys/
- **Hashtag** - https://www.facebook.com/events/marine-parade-mt-maunganui/hashtag-food-truck-opening/163511570964764/
- **El Cartel** - https://www.facebook.com/ElCartelNZ/

There is good swimming in Lake Rerewhakaaitu directly in front of the hall. We will also be running a fun three-legged race at the Rerewhakaaitu Primary School across the road. There will be a small Easter treat for everyone who completes the course, and the winning pair will get a special prize.

Water

Water containers will be available at the Event Centres, but not cups. Note there are three water stations on the Long event where containers and cups will be provided.

Food & Drink

Tesha Coffee will be in attendance at all four events.

- **Sprint** - Coffee and ice creams available from 12pm at the Event Centre.
- **Middle** – Coffee cart will be available at the entrance to the forest and adjacent to the Mihi Whakatau and Model Map location from 9am.
- **Long and Relay** – Coffee cart will be available and located nearby to the Event Centre.

Vendors

- **MAPsport Shop** (www.mapsport.co.nz) will be attending all events. MAPsport supports charities working in Ukraine with every compass sold.
- **Grassy Knoll Outdoor** (www.grassyknoll.co.nz) will be present with gear and advice for hitting the start line fully equipped. We will be set up at the Sprint and Long events with a small selection of Trimtex apparel, compasses, description holders and glasses. Pre-ordering through our website is recommended using the free 'Pick Up' shipping option.

O Trax – Compare Your Routes

After the event, competitors can delve deeper into their performance using OTrax (https://otrax.app/), a powerful, free tool that overlays the routes of all competitors (who have uploaded them) onto the course map. This allows you to visualise where you went on each leg and compare your route against others on the same course.

While the courses will not be immediately accessible due to the strictly controlled nature of this event, we will endeavour to make them available within 3 days after the completion of the competition. Once available, they will appear here: https://otrax.app/#/series/2024/nzoc.

Once your run is complete, simply import your activity from Strava (easiest) or upload your FIT/TCX/GPX files from your tracking device. You will receive a notification as soon as the course

is ready for analysis on OTrax, enabling you to gain valuable insights and enhance your future performance.

COMPARE ROUTES ON OTRAX

No Rubbish, Dogs & Smoking

No dogs are permitted at any of the events. Similarly smoking, vaping, and fires are not permitted at any of the events. Please take all your rubbish with you.

Health & Safety & Medical Assistance

Please make sure you are aware of the hazards and emergency procedures included in the Health and Safety Notices displayed at registration for each event. Please be conscious of other forest users, particularly hunters, motor bikers and horse riders.

In the case of a major accident or emergency, please immediately dial 111. Please inform the event controller as soon as possible. For other medical events:

- **Sprint** – Minor injuries can be treated with the first aid kit at registration. In the case of more serious injuries please use the Taupō Hospital Emergency Department (corner of Kotare and Liston Streets). This is adjacent to the Start 1 area.
- **Middle, Long and Relay** – A first aid medic from Peak Safety will be in attendance at all events. For further treatment, please use Lakes Primecare, 1165 Tutanekai Street, Rotorua, phone (07) 348 1000.

Exploring Rotorua and Taupō

There is a lot to see and do around Rotorua and Taupō. Some recommendations, including those who have supported our events, include:

- **Huka Falls** – If you haven't checked them out before, well worth seeing the power of these falls while in Taupo for the Sprint event.
- **Secret Spot Hot Tubs** – Cedar hot tubs surrounded by ferns, overlooking the stunning Whakarewarewa Forest and Puarenga Stream. Discount code: Secretcompass2 which will give people a 10% discount on their hot tub when they book online at https://secretspot.nz/.
- **Waikite Valley Hot Pools** – Beautiful geothermal water and outdoor pools in a rural setting close to Rerewhakaaitu. Check out https://www.hotpools.co.nz/.
- **Te Puia** – Geothermal park including a wonderland of dramatic geysers, bubbling mud, Māori cultural experiences & kiwi conservation centre. Discount code of 10% off full rate for our experiences (excludes restaurant dining). This code applies to online bookings only (conference2024). Check out https://www.tepuia.com/.
- **Redwoods Tree Walk** – Tree top walk through the magnificent 75 metre tall redwoods by day and night. Check out https://www.treewalk.co.nz/.

Acknowledgements

Tauhara Primary School

NZ O Champs 2025