

2018 NSW Orienteering Championships Carnival



Armidale

April 21-22

Program



ORIENTEERING NSW



Welcome

Welcome to the 2018 NSW Middle and Long Distance Orienteering Championships. We hope you experience two very enjoyable days of top quality orienteering.

Personnel

Event director: Maurice Anker manker@tpg.com.au 02 6772 9604

Controller: Rob Vincent

Mappers: Maurice Anker, Don Barker

Course Planners: Don Barker (day 1, middle distance event)
Tony Woolford (day 2, long distance event)

Program of Activities

Date	Time	Event	Venue
April 18-20		Junior Training Camp	New England Girls School
April 21	12:00 13:30 14:30 18:00	Registration opens Middle distance championships EOD registration closes Annual General Meeting	Pine Tree, Yarrowyck Wicklow Hotel
April 22	07:00 08:30 09:30 12:00	Registration opens Long distance championships EOD registration closes Presentations	Pine Tree, Yarrowyck

GENERAL INFORMATION

Location

The two events are at the same location near Yarrowyck, 35 km west of Armidale. Most people will probably choose to stay overnight in Armidale.

Travelling to Armidale

If coming from Sydney or Newcastle, consider taking the scenic route via Gloucester and Walcha. From Raymond Terrace, the trip will take approximately 3½ hours, which is usually faster than going via Tamworth. However if traffic out of Sydney and on the Pacific Highway is very heavy, the M15 Hunter Expressway and Tamworth option is likely to be faster. Consult m1traffic.com.au for conditions.

From Tenterfield, the fastest route to the event location is probably via the New England Highway and Armidale, but options via Inverell and Bundarra could make interesting alternatives.

Accommodation

Caravan Parks

Armidale Showground: armidaleshowground.com.au/camping.php

Armidale Tourist Park www.armidaletouristpark.com.au

Armidale Highlander Van Village www.highlandervanvillage.com/

Uralla Caravan Park (02) 6778 4763

Country Road Caravan Park, Uralla www.countryroadcp.com.au

Bush camping

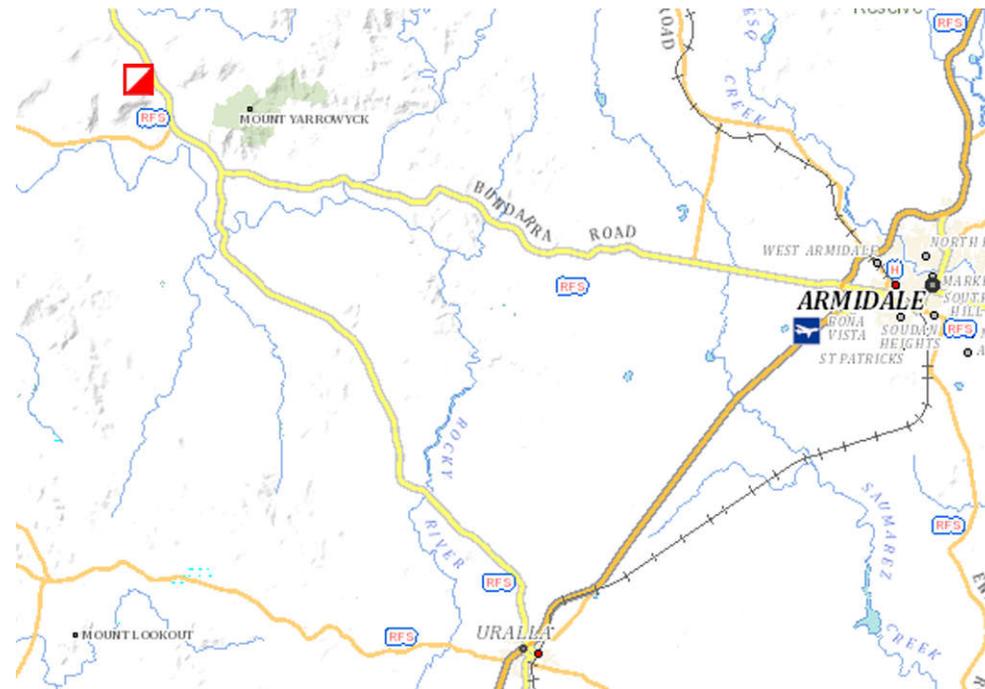
Bundarra www.findacamp.com.au/camp-site.php?camp=655

Rocky River www.findacamp.com.au/camp-site.php?camp=637

Yarrowyck Crossing www.findacamp.com.au/camp-site.php?camp=643

General accommodation and Tourist Information

Armidale Tourism www.armidaletourism.com.au/accommodation



Weather

Daytime temperatures in Armidale during April average around 20°C, while nighttime temperatures average around 8°C and early frosts are possible. Temperatures at the event location can be expected to be a degree or two warmer.

The region gets most of its rain during summer, and although heavy rain is possible in April, the weather is usually quite stable in the autumn season.

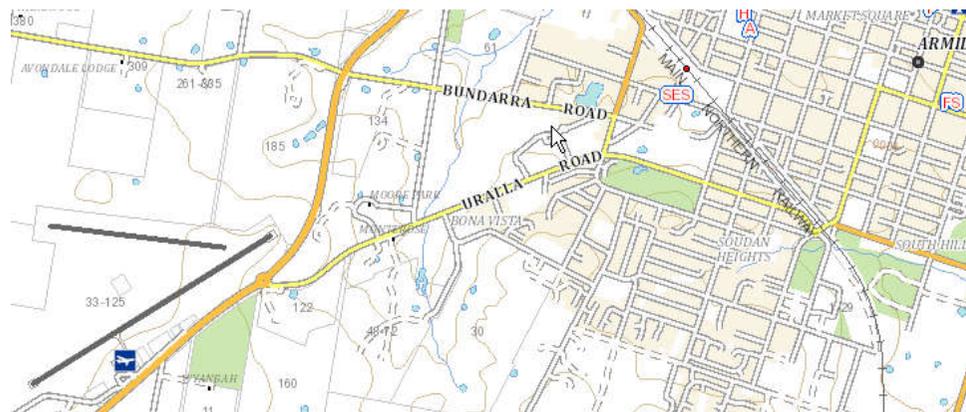
Mobile phone coverage

There is zero phone reception at the event arena or parking area, although there is some reception on the higher parts of the map.

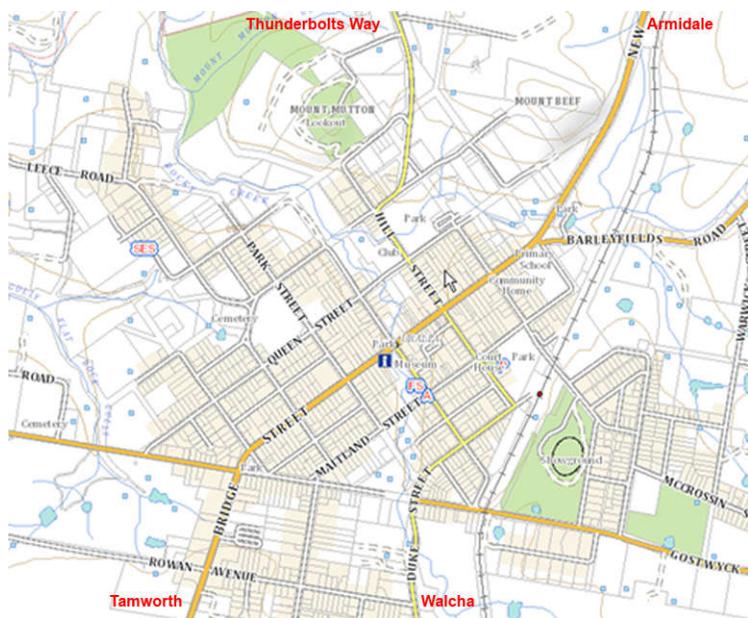
EVENT INFORMATION FOR BOTH DAYS

Directions

From Armidale, take the Bundarra Road for 28 km, turn right onto Thunderbolts Way and follow that for a further 7 km and look for signs.



From Uralla: turn into Hill Street, which becomes Thunderbolts Way. After 24 km you will pass the Armidale turnoff; proceed another 7 km to the venue and look for signs.



Parking

Parking will be near the entrance to the property on Thunderbolts Way. Please park as directed. There will be a 600 m downhill walk to the arena.

Registration

There will be a Registration tent at each day's event for enquiries, collection of hired SI sticks, payment of outstanding fees and Enter On Day courses; otherwise there is no need to report to Registration.

Enter on the Day Fees (per day)

	Hard (day 1)	Hard (day 2)	Mod / Easy / V Easy
Senior	\$30	\$35	\$12
Junior (13-20)	\$20	\$24	\$8
Sub-junior (12 and under)			\$6
Group			\$20
Non-member surcharge	\$3	\$3	\$3

Sportident number

The start list on the Eventor and Championships web sites will show your SI number. If that is incorrect or for some reason you need to change your SI number, please let the Registration tent know before you start - NOT when you arrive at the finish to download.

Competition Rules

The competition rules of Orienteering Australia will apply. A copy of these rules will be available for perusal at the Registration tent. In particular, competitors are reminded that controls must be visited in the order shown on the course and that talking to, collaborating with, or distracting other competitors during the competition is not permitted.

Control descriptions

Control descriptions will be available 4 minutes before your start and will also be printed on the maps. Descriptions will be in IOF symbols for Hard and Moderate courses, and in English for Easy and Very Easy courses. For the Moderate course, both IOF and English descriptions will be available at the pre-start.

Control Stands and Punching

Both events will use the Sportident electronic timing system.

Control stands will carry an SI unit and emergency pin punch as well as the control flag. Control numbers will be on the SI units only.

Please note that there will be many controls within a small area, especially on day 1, so remember to check the control number before punching.

If an SI unit fails to beep or flash, then use the emergency pin punch in one of the reserve punch boxes on the map and report this to the finish officials.

Start procedure

Start times will be allocated randomly within each class at 2 minute intervals. Split times are available on request. There will be **no punch at the start** except for event officials who are not able to start at their allocated time.

Arrival at pre-start	SI Clear, check your course – it may be different on each day
Start - 6 minutes	Call up and name check
Start - 4 minutes	Obligatory SI Check. Move to next box and collect control descriptions
Start - 2 minutes	Move to map box. Boxes will be labelled with the course number only, not the classes. Check you have the correct map.
Start	Pick up map and go. Enjoy your run

The clock at the competitor call up stage will be 6 minutes ahead of the start clock.

Late starts: Competitors who miss their allotted start time should report to the start officials and they will be started as soon as possible. Their start time will be recorded with a punch but their result will be based on their allocated time unless the organisers can be shown to be at fault.

There will be a short marked route from the pre-start map boxes to the start triangle, which will be marked by a single control flag, with no punch or SI unit.

Finish procedure

After punching the finish control, stay in order in the queue to the Finish tent where your results will be downloaded and result label and split times printed.

Please take the slot with your result label attached and hang it on the result board in your class.

You MUST report to the Finish tent even if you do not complete your course.

Map collection

Maps will be collected at the finish and will be returned after the last start on each

day. Maps for people who did not start will be available from the Registration tent on day 2.

Course Closure

At the course closure time, if you have not completed your course, you must abandon it and return to the Finish as soon as possible or a search will be mounted for you.

Results

Provisional results will be displayed on the result board as each competitor finishes. Please direct any queries about results to the Registration tent.

Results will be posted on Eventor as soon as possible after each event.

Presentations

Presentation of awards for the first three placegetters in each class for both the middle and long distance events will take place at noon on the second day.

Protests

Complaints must be made in writing and given to the officials at the Registration tent before course close time on each day. The Organiser will assess the complaint and make a ruling. If the complainant is still dissatisfied, he or she may lodge a formal protest, in writing. The event controller will then appoint a three-person jury from a list of eligible jurors to assess the complaint. The controller will chair the jury meeting but will not vote on the outcome. The decision of the jury will be final. There is no fee for lodging a complaint or protest.

Safety

Whistles are recommended to be carried by all competitors but should only be used in cases of emergency where assistance is required. The distress signal is **three short blasts** repeated at intervals. If you hear such a signal, you are required to abandon your course and render assistance. Where vehicle or medical assistance is required, this should be reported to the Registration tent as soon as possible.

Many of the granite areas traversed by some of the courses can become very slippery when wet, especially the sheets of sloping rock. Be extremely careful when running across these areas if it has been raining. It is permissible to wear spiked running shoes at these events.

Some of the undergrowth is quite prickly so consideration should be given to wearing eye protection.

The quality and crossability of fences vary widely across the map. Several fences on day 1 are either very new with tight barbed wire, or are otherwise awkward to cross. Crossing these fences at gates or marked crossing points is highly

recommended.

On day 2 there is one similar section of awkward fence with marked crossing points, but otherwise the fences are reasonably easy to cross. A number of the fences in the south are almost completely broken and tripping will be a more likely hazard than getting stranded astride the fence. Such broken fences will be marked in the field with red and white streamers.

There is an erosion ditch about 75 m long (also marked with red and white streamer) in the vicinity of the last control for all courses on both days. It is filled with farm rubbish of all sorts from wire netting to old boilers – it is not easy to cross in safety except for two clear gaps in the streamer.

Safety bearings are noted later in the individual day sections and on the maps. In general the idea is to head west to the property access road, or to cleared land then north. Remember, though, if you are injured or seriously lost it is best to stay put on a track or at a control site rather than scrambling about.

Streamer and tape colours

Red/white tapes are used for hazard and out of bound areas.

Orange tapes are used for routes to the pre-start and to the start triangle, and for fence crossings.

Pink tapes are used for marked routes on the Easy and Very Easy courses.

Facilities

First Aid: First aid will be available at the St Johns Ambulance station.

Catering: Coffee, cold drinks and snacks will be available for sale on both days courtesy of the NSW Junior Squad and Spar Express Lynches Road Store.

Toilets: there will be bush toilets at the arena

Water: will be available at the arena, the start on each day, and at controls on the hard and moderate courses.

String courses

A string course will be available on each day.

Private property

This event is on private property so please: no dogs, no smoking, and no fires.

Please report any damage to fences or gates to Registration so organisers can take action.

MAPPERS' NOTES

Most of the two days of competition will take place on a newly mapped area adjacent to the existing Mount Brown map last used in 2015. Hard and moderate Long Distance courses on day 2 will venture into the northern part of the Mount Brown map, which has been extensively revised for these events. The previous edition will be displayed at Registration and is available on the competition web site (<http://ntoc.asn.au/nswchamps2018/>).

As an extension of an existing map, the new map has retained many of the symbol definitions and usage of the earlier one, but with some adaptation towards the recent ISOM 2017 standards.

Retained definitions and usage

(sizes are as printed at 1:10 000)

Four boulder sizes of 0.60, 0.68, 0.78 and 0.90 mm are used, plus shaped boulders for very large or obviously elongated boulders. In the remapped area, several small elongated boulders have been converted to one of the standard sizes to avoid confusion with small rock faces. In general boulders under 1.5 m are not mapped unless they are isolated and very prominent.

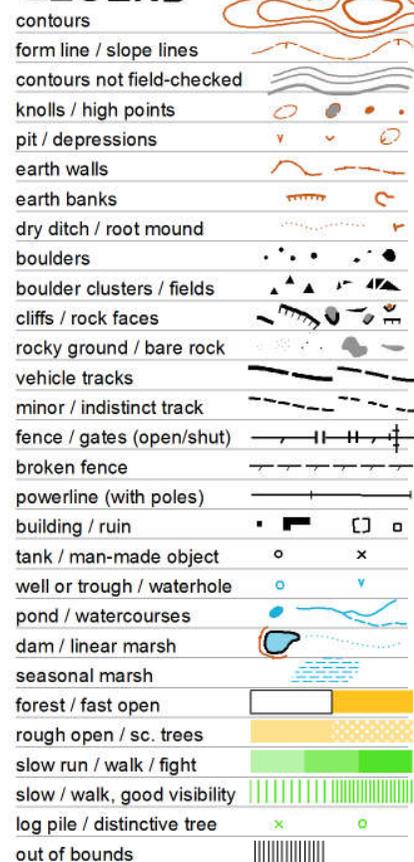
Two sizes of rocky ground (0.24 and 0.30 mm) are used as permitted by ISOM 2000. The ISOM 2017 standard specifies only 0.30 mm dots. Contrary to both standards, just one or two dots are frequently used to represent rocks that are obvious on the ground but are too small to map as boulders or boulder fields.

Three boulder cluster sizes of 1.0, 1.2 and 1.5 mm on a side are retained. ISOM 2017 specifies only 1.2 and 1.44 mm triangles for clusters of different size within 30 metres of one another.

Five thicknesses of rock faces and cliffs are used varying in thickness from 0.24 (thinner than standard) to 0.50 mm.

Knolls, with or without bare rock, are generally shown with a thinner contour of 0.15 mm, as

LEGEND



contours	
form line / slope lines	
contours not field-checked	
knolls / high points	
pit / depressions	
earth walls	
earth banks	
dry ditch / root mound	
boulders	
boulder clusters / fields	
cliffs / rock faces	
rocky ground / bare rock	
vehicle tracks	
minor / indistinct track	
fence / gates (open/shut)	
broken fence	
powerline (with poles)	
building / ruin	
tank / man-made object	
well or trough / waterhole	
pond / watercourses	
dam / linear marsh	
seasonal marsh	
forest / fast open	
rough open / sc. trees	
slow run / walk / fight	
slow / walk, good visibility	
log pile / distinctive tree	
out of bounds	

are contours that pass through significant rock detail.

Changes towards ISOM 2017

Boulders fields: the earlier map used hand drawn triangles of various sizes with sides ranging from 0.40 to over 2.0 mm. In the new and revised areas, 3 standard sizes have been used with sides from 0.72 to 1.6 mm (although a few of the larger hand drawn triangles remain). Both ISOM standards specify two sizes of triangle: (0.75 : 0.9 : 1.2) and (0.9 : 1.08 : 1.44) for boulders of significantly different sizes, so the new map is closer to ISOM standards.

High points/small knolls: on the earlier map, many elongated small knolls were hand drawn with a range of sizes; these have been standardised.

Form lines are now longer and thinner with a smaller gap.

Earth walls have thicker lines with larger dots and shorter distance between the dots.

Dry ditches and linear marshes have less space between the dots

Watercourses are drawn with thicker lines

Spacing of north lines is 30 mm or 300 m on the ground.

Variation in symbols and usage

Gates that will be open during the competition are shown with a  ; otherwise the fence line is not broken.

When there are several gates in close proximity, shorter lines are used. 

Water troughs and wells are marked with a blue circle rather than the blue square of ISOM 2017. 

Water tanks (2 – 3 m high) are marked with a black circle. 

Termite mounds – well there are none!

Tree root mound

Log piles are marked with a green cross. 

Terrain and vegetation

The map covers a range of terrain from open farmland, to fast running forest with occasional rock outcrops, to hilly areas with dense and complex rock detail. There are numerous areas of patchy slow-run and walk vegetation comprising mainly tea-tree, wattle, blackthorn and dead-finish (*Cassinia laevis*),



and some occasional patches of blackberry. The tall timber consists of a wide variety of species including angophora, stringy bark, apple box, yellow box and other eucalypts, large figs, cypress pine, exotic pine, kurrajong and more. Mercifully, the dry weather over the summer means that farmer's friend is virtually absent.

Tracks

There are numerous tracks in some parts of the map and some, although easy to follow, are little more than a path slashed in the grass with little evidence of wheel tracks. These are mapped as indistinct tracks and they will probably disappear when the grass re-grows (if it ever rains again). Where there are clear wheel tracks, one of the regular track symbols is used.

DAY 1 – MIDDLE DISTANCE

Location: Yarrowyck 35 km west of Armidale

Course planner: Don Barker

Controller: Rob Vincent

Map: Pine Tree, 5 m contours

Scale: Hard 1-3 & Moderate – 1:10 000
Hard 4-5, Easy & Very Easy - 1:7500

Registration: will be open from 12.00.

Start window: 13:30 – 15:30

Course close: All courses close at 16:45.

Enter on the Day (EOD): A limited number of EOD maps will be available on Very Easy, Easy, Moderate and Hard 4 courses. Registration for EOD courses closes at 14.30

Walk to the Start: The start is close to the parking area; follow signs for about 200 m. From the arena you will need to walk 600 m back up the hill to parking area then follow the signs from there.

Out of bounds: the area east of the property access road from the car parking area to the arena is out of bounds

Warm up area: north of the route from the car park to the start and anywhere west of the property access road.

Clothing return: There will be no clothing return on day 1 owing to the proximity to the parking area

Safety bearing: West to the property access road.

Course lengths

Course	Men's Classes	Women's Classes	Length	Climb
Hard 1	M21A, M35A		5.13	185
Hard 2	M20A, M40A, M45A, M50A, M55A	W21A	4.10	135
Hard 3A	M16A, M60A, M65A, M21AS	W35A, W40A, W45A	3.28	100
Hard 3B	M70A, M35AS	W16A, W20A, W50A, W55A, W60A	3.25	90
Hard 4	M75A, M45AS, M55AS	W65A, W70A, W21AS, W35AS, W45AS, W55AS	2.72	75
	EODH			
Hard 5	M80A, M85A, M65AS	W75A, W80A, W85A, W65AS	1.97	40
Moderate	M14A, M Open B, M Junior B	W14A, W Open B, W Junior B	2.80	50
	EODM			
Easy	M12A	W12A	2.51	45
	Open Easy, EODE			
Very Easy	M10A	W10A	2.05	30
	M/W 10N, Open Very Easy, EODVE			

DAY 2 – LONG DISTANCE

Location: Yarrowyck 35 km west of Armidale
Course planner: Tony Woolford
Controller: Rob Vincent
Map: Pine Tree/Saddleback, 5 m contours
Scale: Hard 1-6 & Moderate – 1:10 000;
 Hard 7-8, Easy & Very Easy – 1:7500

Registration: will be open from 07.00

Start window: 08.30 – 10:30

Course close: All courses close at 13:00

Enter on the Day (EOD): A limited number of EOD maps will be available on Very Easy, Easy, Moderate and Hard 5 courses. Registration for EOD courses closes at 09.30.

Walk to the Start: The start for all courses is along a level 1.1 km walk from the arena. Altogether it is 1.7 km from the car park, so you will need to allow plenty of time.

Out of bounds: All areas east of the arena/finish area and east of the route to the start are out of bounds.

Warm up area: North and west of the arena and along the route to the start.

Clothing return will operate on day 2.

Safety bearing: West to the property access road, or to cleared land then north.

Special safety note

There is a 20 m high, 200 m long cliff in the southern part of the map. It is not very visible from below because of the tree cover, but from the top its presence is obvious from the large sheet of bare rock. It is also very obvious on the map. The bare rock rapidly increases in steepness and becomes almost vertical at the cliff itself, so it is very dangerous to approach the cliff from the top, especially if it is wet. DO NOT BE TEMPTED. Those courses that pass in the vicinity of the cliff do so in an uphill direction so there should not be any real danger.

Course lengths

Course	Men's Classes	Women's Classes	Length km	Climb m
Hard 1	M21A		12.5	535
Hard 2	M20A, M35A, M40A,		9.25	440
Hard 3	M45A	W21A	7.56	340
Hard 4	M50A, M21AS	W20A, W35A, W40A, W45A	6.54	275
Hard 5	M16A, M55A, M60A, M65A, M35AS	W50A	5.94	235
	EODH			
Hard 6	M70A, M45AS	W16A, W55A, W60A, W21AS	4.87	190
Hard 7	M75A, M55AS	W65A, W70A, W35AS, W45AS, W55AS	4.10	150
Hard 8	M80A, M85A, M65AS	W75A, W80A, W85A, W65AS	2.68	100
Moderate	M14A, M Open B, M Junior B	W14A, W Open B, W Junior B	4.35	145
	EODM			
Easy	M12A	W12A	2.68	115
	Open Easy, EODE			
Very Easy	M10A	W10A	2.04	45
	M/W 10N, Open Very Easy, EODVE			