

ORIENTEERING in NEWCASTLE



The Newsletter of
Newcastle Orienteering Club Inc.
Issue No. 220
June 2012

<http://www.newcastleorienteeing.asn.au/>

Upcoming Events



Sunday 3rd June

9:30 to 11:30am

NOY 4 Belford

Belford NP hasn't been used for orienteering since 2002 when the area was transferred from Forestry to National Parks. Following a submission by the club, orienteering has been included as a permitted activity in the "Plan of Management" for the Park and this is the first of what we hope will be regular events in the forest again.

Venue: From Branxton travel toward Singleton on the New England Highway. After 4.4 km from the traffic lights at Branxton, turn right into Kirkton Road (signposted "Lower Belford"). This turn is just after the end of all of the roadworks for the new Hunter Expressway. Travel 2.3 km through Belford National Park (sealed road) and park on the roadside as directed. Be aware of other traffic on the road. The assembly area is on the western side of the road at the start of the management trail. There are no toilets or facilities at the park.

Note: "No dogs at Orienteering events" is an Orienteering Australia policy. As it is a National Park area, there is a strict NPWS "No Dogs" policy for Belford also. Please do not bring dogs as this would put our access to the area at risk.

Map: "Belford National Park" – 1:10,000

Terrain: Spur gully with a mixture of fast open running and some slower regrowth areas

Courses: Standard NOY range of courses (7) available. Very Easy, Easy, Moderate (2x), Hard (3x)

Entries: Enter on the day, from 9.30am to 11.30am. Course closes at 1.00pm

Planner: Carolyn & Russel Rigby



Sunday 24th June

9:30 to 11:30am

NOY 5 Wallaroo

Venue: From Newcastle travel north along the Pacific Highway. From the Heatherbrae roundabout travel north along the Pacific Highway for approximately 20km and turn left on to the Bucketts Way (Signposted to Stroud/Gloucester). Travel for approximately 4km and turn left into a paddock and follow signs to the event parking area. Note that this is the same paddock used for the State League event last year.

Map: "Lone Pine Road" – 1:10,000

Terrain: Typical spur gully with a mixture of fast open running and scrubby creeks

Courses: Standard NOY range of courses (7) available. Very Easy, Easy, Moderate (2x), Hard (3x)

Entries: Enter on the day, from 9.30am to 11.30am. Course closes at 1.00pm

Planner: Sally-Anne Henderson



Monday 25th June

from 9:30am

36th Annual Hunter Regional Schools Orienteering Championships

Venue: West Wallsend

Map: "Stanford Scrubs" – 1:10000

See the entry form attached to the end of this Newsletter. **Entries close Friday 16th of June**



Sunday 8th July

9:30 to 11:30am

NOY 6 Glendale

Venue: Open area under power lines opposite intersection of Northlakes Drive and Minmi Rd Cameron Park. As the start is opposite a busy intersection all competitors are required to enter from the north (Link Rd). If you are coming from the south along Minmi Rd, travel past the intersection and turnaround at the Link Rd roundabout. The entry will be sign posted.

Map: "Brush Creek" – 1:10,000 Western extension to map completed by Dennis Lyons April 2012

Terrain: Typical spur and gully areas, some heavy vegetation in the creeks, forest areas mostly open running. Numerous trail bike tracks in all areas, new tracks have been mapped but do not be surprised if you find new ones!

Courses: Standard NOY range of courses (7) available. Very Easy, Easy, Moderate (2x), Hard (3x)

Entries: Enter on the day, from 9.30am to 11.30am. Course closes at 1.00pm

Planner: Greg Bacon



Saturday 21st July

10:00am

Coaching – Killingworth Easy to Moderate

The second of the coaching days is developed for orienteers at Moderate and Hard level, who would like to develop their skills. The practice activities will be set in short loops to maximise feedback. There will be no easier courses set.

The activities will follow the briefing at 10:00 am.

- Using Control Descriptions
- Attack Points, (including distance estimation)
To help recognise and use attack points.
- Using Collecting Features and Aiming Off.

Venue: From Barnsley, turn left into Wakefield Road. After 800m, turn right to Killingworth and follow "The Broadway" for 2.3km. Turn right onto "The Boulevard" (O Signs begin) and follow towards West Wallsend for 1 km. Parking will be along the bitumen road in front of the substation. Follow signs along a narrow track for approx. 100m to the assembly area.

OR From West Wallsend follow Carrington Street and Railway Street to the Sugar Valley Golf Course, (O Signs begin) and continue on following gravel road towards Killingworth for approximately 2 km to the parking and then proceed as above.

Map: "The Range" – 1:10 000

Entries: People wishing to attend need to contact Geoff Todkill (coaching@newcastleorienteering.asn.au or 49585920 by Wednesday 18th July so that maps can be prepared)

Cost: \$3.00, to cover map printing.

Risk Notice

In entering on orienteering event, competitors recognise that the activity has certain inherent risks due to its conduct in the urban and natural environments.

Included in these risks are injury due to rough terrain and obstacles and the effects of heat, cold and exhaustion.

Competitors are also aware that there is no personal accident insurance on their participation in the sport and that they take part at their own risk.



Sunday 22nd July

9:30 to 11:30am

Hunter Valley Champs

Venue: Pelaw Main Railway Station (in the grounds of the old Pelaw Main mine site)

From north: From the junction of Railway St. and Mulbring St. on the south-east edge of Kurri head south towards Pelaw Main (Mulbring/Toronto/Sydney) on Stanford St. After 500m turn right into Hebburn St. (O-sign). Head west for 300m where you enter the old Pelaw Main mine site. Drive with care past the residences and look for signs/Officials for parking.

From south: Turn off Freeway from Sydney at Cessnock exit. Look for additional signs to Kurri Kurri (and Maitland). This gets you onto Leggets Drive, which becomes Stanford St. in Pelaw Main. Turn left into Hebburn St. (O-sign) and proceed as above.

Map: "Mining Mystery" – 1:10,000 (This map will be a subset of "the old Pelaw Main colliery map" used for Coalfields Classic carnival held in May. It will include termite mounds, meat-ant nests, native cherry trees and tree root mounds)

Terrain: Classic Newcastle spur-gully terrain, gently undulating, intricate track network, patches of mining detail, typical Newcastle vegetation variability and good visibility. Full body cover recommended.

Courses: See table. Course lengths are set as per the standard NOY courses.

If you feel that the available courses for your age class are not what you want, please note that you are welcome to enter whatever course best suits your needs and abilities. This may mean you would not be doing a "championship" course. It is better to do a course of a length and difficulty which enables you to complete it in a reasonable time, while still providing a mental and physical challenge.

All "A" courses will produce appropriate age champions. "B" courses produce course winners.

The **Long Red** should also be regarded as an Open Course and the fastest male - regardless of age - is the HV Mens Champion.

The **Medium Red**, for women, is the Open Womens Course - and the fastest female - regardless of age - is the HV Womens Champion.

Courses and Age classes at the Hunter Valley Championships		
Course	Men	Women
Long Hard	Open A M 40+ A	
Medium Hard	M19-49AS M50+ A	W Open A W40+ A
Short Hard	M18A M50-59AS M60 +A	W18A W19-49AS W50+ A W60+A
Long Moderate	M Open B	W Open B
Short Moderate	M18B	W18B
Easy	M14A	W14A
Very Easy	M12A	W12A

Entries: Enter on the day, at time to suit you, 9:30-11:30 Courses close at 1:00pm

Course Planner: Denis Lyons

Editors comments

If anyone has anything they would like published please give it to me at an event or send it through to myself at danielorr86@gmail.com.



Sunday 5th August

9:30 to 11:30am

NOY 7 Killingworth

Venue: From West Wallsend From the turnoff to O'Donnelltown, on the western side of West Wallsend, head south past the Sugar Valley Golf Club toward Killingworth. After approx. 900m turn right onto a track which heads north for 500m to parking area. If track is too wet you will be advised to park in the street near the golf club and walk south and look for signs to a path to Assembly area.

Map: "The Range" – 1:10,000

Terrain: Typical spur and gully with some fast running and some heavy vegetation in the creeks.

Courses: Standard NOY range of courses (7) available. Very Easy, Easy, Moderate (2x), Hard (3x)

Entries: Enter on the day, from 9.30am to 11.30am. Course closes at 1.00pm

Planner: Denis Lyons



Sunday 19th August

9:30 to 11:30am

Minor Event Abernathy

Venue: Turn south from the Mulbring – Cessnock Road ("Lake Road") just east of Kearsley – signposted to Abernathy. Travel straight ahead, watch for and follow O-signs to the event area.

Map: "Brokenback Slopes" – 1:10,000

Terrain: Classic Newcastle spur-gully terrain, undulating too steep with scrubby creeks.

Courses: Very Easy, Easy, Moderate, Hard

Entries: Enter on the day, at time to suit you, 9:30 – 11:30. Courses close at 1:00pm.

Course Planner: Alex Massey



Sunday 2nd September

9:30 to 11:30am

NOY 8 Cessnock

Venue: From Abernathy, head west on Murray Street towards Kitchener. After 2.4 km, turn left into Southams Road, watch for O-signs.

From Kitchener, head east on Abernathy Street towards Abernathy. After 0.5 km, turn right into Southams Road, watch for O-signs.

If there is a long period of bad weather prior to the event, alternative start arrangements may be needed. Check the website closer to the event.

Map: "Southams Road" – 1:10,000

Terrain: Classic Newcastle spur-gully terrain, gently undulating with scrubby creeks.

Courses: Standard NOY range of courses (7) available. Very Easy, Easy, Moderate (2x), Hard (3x)

Entries: Enter on the day, from 9.30am to 11.30am. Course closes at 1.00pm

Planner: David Kitchener

Coaching Page.

No 42.

Section 2 Intermediate Techniques

In the last section I started by describing Orienteering Basics and in it I said that regardless of the difficulty of the course you are completing, you should always have a plan, so that your navigation is far more consistent and with minimal mistakes. In the first section, I detailed the technique of map orientation and I am sure that even easy course orienteers know about that one! However, I have been surprised how many times this technique is not applied, even by training squad members! How many of you hit a track and just run along it without checking its direction by simply lining the map up with north on the compass? Or worse still, you do it too quickly, see that it is nearly right and make everything else on the leg fit in with the mistake, even though it would have only taken 2 seconds to check it properly?

The moral of this story is that as well as having Orienteering Techniques etched in your mind, so that you also actually keep referring to it in your mind while you are on the course. If you do this meticulously throughout a course, you will make far fewer mistakes of less duration!

Now to some techniques required for navigation at moderate and hard level.

9. Compass Bearings

These can be used from an obvious attack point to the control. The basic method is described below but you should be practicing more advanced compass use as described after the basic method.

- Put compass on map with edge along where you want to go
- Turn dial till lines in dial match the north lines on the map (note north to north!)
- Hold compass with edge you used in stage 1 pointing away from you
- Turn self and compass until the red end of the needle lies over the north arrow in the dial and you will be facing the way you need to go

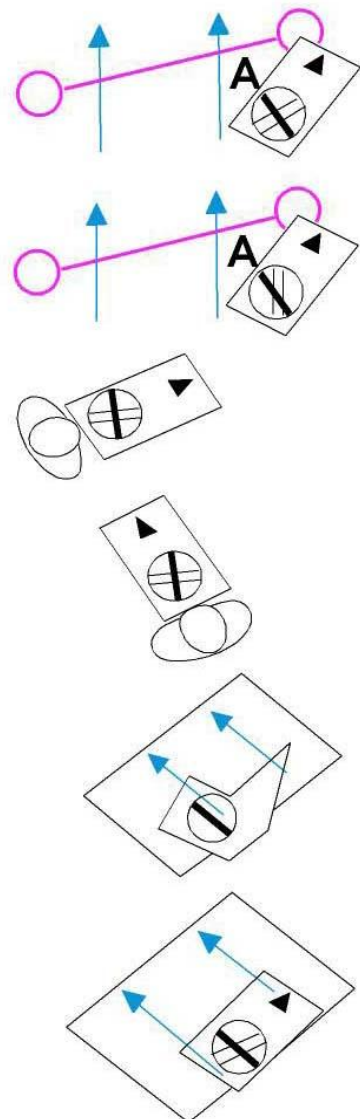
Thumb compass technique does these stages automatically but misses out turning the dial.

If you use a base plate try holding it on the map all the time like a thumb compass and then you will always have a permanent rough bearing

Compass and map are meant to complement each other and I strongly recommend that you hold them both in the same hand, preferably your steadiest hand which is usually the one that you naturally carry the map in

If you do this you will always be applying the first basic technique described in the last issue ... *orientate your map and check everything off against that orientation.*

Most orienteers know how to take a compass bearing but it is included here in its full form so that you will be able to explain it to a newcomer.



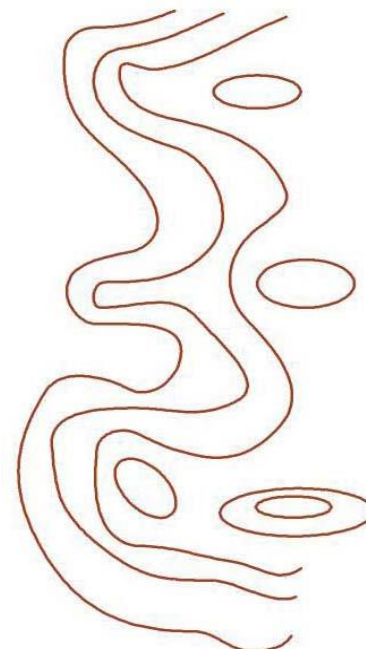
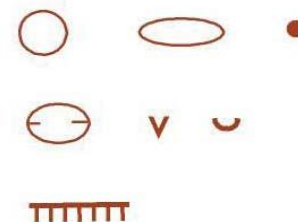
10. Contour Interpretation

You need to know some basic contour and earth features such as knoll, depression, earth bank and steep slope. Such a level of skill would overlap with the Basic Techniques, described earlier.

Contour lines are drawn onto the map to join spots of equal height so that they give us a picture of the shape of the ground.

It is really important to:-

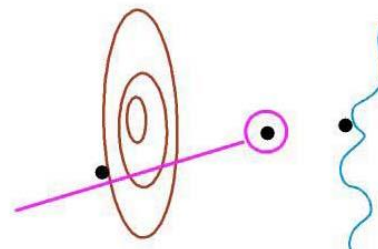
- read them and identify features such as spurs, gullies, and the steepness of the slope.
- working out up and down by using the contours together with any tags, watercourses and knolls.
- and notice that you can link contour features together or simplify them to create handrails



11. Collecting Features

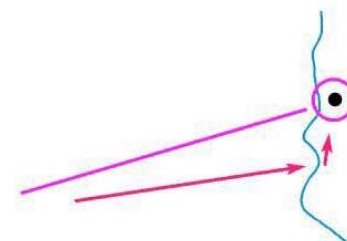
These are:-

- obvious features to go hard for on the route (collecting)
- features beyond the control to "bounce back" off (catching)



12. Aiming Off

This is the technique of aiming deliberately to one side of a line feature so that you know which way to turn when you hit it.



Monday 25th June

from 9:30 a.m.

PELAW MAIN

36th ANNUAL HUNTER REGION SCHOOLS ORIENTEERING CHAMPIONSHIPS 2012.

Venue: From the roundabout at Kurri Kurri (Tarro and Railway Streets), turn left (West) into Railway Street. After 200m take a further left into Stanford Street and continue approximately 400 m, then turn left (East) into Hebburn Street and follow to the Parking.

Or From Freemans Waterhole: Follow Leggetts Drive past Mulbring and continue to Pelaw Main. From the beginning of the houses travel a further 1.5 km and turn right (East) into Hebburn Street and follow to the Parking.

Look for Orienteering signs at the major intersections in Kurri Kurri and Pelaw Main.

Map: "Stanford Scrubs" – 1:7500

Entries will be accepted from individuals or from teams of two only. Teams must be from the same school. They may be mixed age provided they run the more difficult course.

Competitors do two courses:

AGE COURSE (Age is at 31/12/2012. ie. The age turned this year!)

			BOYS GIRLS		
Course 1	Very Easy	1.8 km	12	12	
Course 2	Easy	2.0 km	13	13	Intermediate B
Course 3	Easy	2.5 km	14	14	
Course 4	Easy/Medium	3.0 km	15	15	Senior B
Course 5	Medium	3.5 km	16	16+	
Course 6	Hard	4.0 km	17+		

B Courses are available for beginners, but NOT available to previous placegetters of these courses. This is a line course where competitors navigate around the course visiting controls in order.

SCORE COURSE

This is where you find as many controls as you can within a time limit of 45 minutes. Controls can be visited in any order.

There will be a choice of four graded "SCORE" courses with entry open to individuals or teams of two. Select courses based on experience rather than age. The courses are graded:

A: Difficult B: Medium C: Easy / Medium D: Easy

Entries: Must be made in advance, by Friday 16th June.

This pre-entry is essential to ensure that there will be sufficient maps available on the day.

Entry fee: \$5 per person.

Entry forms will be sent to Hunter High Schools. Entries are also welcome from all NOC juniors and students who are coached by NOC members.

Just send details (Names, Address, Phone or Email contact, School, Date of Birth, and courses to be entered) to Colin Bailey by any of the methods described below.

If you are uncertain which course to enter, please discuss this with the club coach Geoff Todkill at events. For club regulars, entry fees can be paid on the day, but your entry must be received by 16th June.

Entries to: Colin Bailey

Merewether High School

P.O. Box 3010

Hamilton Delivery Centre 2303

School: Ph. 4969 3855

Fax: 4961 2246

Email: baileyc63@yahoo.com.au

Name	Address	Contact	School	Date of Birth	Age Course	Score Course

NEW PRESIDENT FOR NEWCASTLE

May 2012

The March AGM saw a change at the top for Newcastle Orienteering Club.

After more than 15 years as President, Geoff Peel recently stepped down from the position to be replaced by (the aptly named for his profession) Andrew Power, who brings with him great management experience gained in his career within the electricity industry.

"I never intended to be club president", Geoff said. "It just happened and then suddenly I've clocked up all those years in the position. Hopefully I've brought some positives to the club during those years. I think my main strength has been my ability and willingness to commit time to the club and our sport. I'm sure Andrew will bring a different style to the role, a more modern, smarter approach" he continued. "With two young lads he won't have the luxury of all that spare time I had, but from what I've seen and heard already, with Andrew at the helm as well as a strong committee behind him, I'm certain Newcastle can continue to prosper as a great sporting club".

Geoff's standing down from the role was precipitated by the oncoming and subsequent arrival of his and Margaret's first child, "Baxter Clark Peel", who arrived into this world on 21st March 2012. "Looks like it will be split starts for us from now on", he joked. "At



Geoff Peel (r) hands over to new President Andrew Power

least after all this time we might be able to get a run in the family relays". On a more serious note he suggested until Baxter gains a few years, he and wife Margaret, who also vacated the clubs position of gear officer, would be taking more of a backseat role in the clubs activities but insisted that they would still be highly visible as competitors attending as many "O" events as possible.

The new President, Andrew first tried orienteering in the late 70's at Kotara High School. He then attended a few local events during his university days but rugby was his sport of choice until after a second major knee injury and increasing age he decided to hang up the boots. Soon after Andrew and

partner Chris moved overseas for several years, working firstly in England and then Vietnam, returning to Australia to start a family in 2002. Andrew (M45AS), partner Chris and sons Oscar and Alec, (both M/W-10N), took up orienteering on a more regular basis in 2007. Andrew has proven to be a very competent navigator but his progress is hampered by his old Rugby wound. This means he actually performs much better on the bike, gaining some impressive results in MTBO events.

Andrew has some great thoughts on initiatives to make the Newcastle club even stronger and will be working with the club's committee and its members to see this indeed happens. If you wish to talk to him regarding the clubs future seek him out at an upcoming event or via email: president@newcastleorienteering.asn.au



Baxter Clark Peel

Born: 21st March 2012
Time: 4:48 pm
Weight: 3.38 kg
Length: 51 cm

Bush Series

2012



NEWCASTLE BUSH ORIENTEERING Calendar Of Events

Basic Information

- The courses will be **line** courses (point to point) so competitors must visit the controls in the order specified by the course setter. (However you still have choice on how to approach and navigate between controls). Choose a course that matches your skill level (speak to the organiser if unsure).
- **Scores** for each event will be calculated as a percentage of the winner's time.
- **Start times** are between 9:30am and 11:30am.
- **Course closure** is 1.00pm. Choose a start time that will allow you to finish before course closure. Running times are usually 45-75mins but can vary greatly.
- All **private property** and any other areas so marked on the map are **out of bounds**. Competitors found not observing this rule will be **disqualified**.
- All competitors must report to the **finish** (so that search parties are not sent out!)
- Wear old (you may get them dirty or even ripped) tee shirt and shorts or loose trousers (on courses that venture off the tracks) and a hat or cap.
- Comfortable walking or jogging shoes with good grip are recommended.
- There will not be toilets unless otherwise informed.
- Please bring your own drinking water and sunscreen.
- **Enjoy it!**

Risk Notice

In entering an orienteering event, competitors recognise that the activity has certain inherent risks due to its conduct in the urban and natural environments. Included in these risks are injury due to rough terrain and obstacles and the effects of heat, cold and exhaustion. Competitors are also aware that there is no personal accident insurance on their participation in the sport and that they take part at their own risk.

Contact Details

Bush Series Organisers

Andrew Power and Denis Lyons
bush@newcastleorienteering.asn.au

Newcastle Orienteering Club

Andrew Power
ph: 02 4965 3243
president@newcastleorienteering.asn.au

Club Website

www.newcastleorienteering.asn.au

Cost

- \$5 for members and \$3 for junior members
 - \$8 for non-members and \$5 for junior non-members
 - \$15 for family maximum (2 adults + children)
- (Note: Non-members will be asked to fill out a short form the first time they enter an event)

Guide to Course Length & Difficulty

VERY EASY: 1.5-2.5 km.

Very easy navigation for juniors or beginners. All controls are on tracks or along fences and are readily visible.

EASY: 2.0-3.0 km.

Easy navigation, controls placed near tracks and fences, or some readily identifiable feature.

MODERATE: 2.5-3.0km (Short), 3.5-4.0km (Long).

Moderate navigation requiring better map-reading skills. Some controls located away from tracks requiring cross-country navigation. Route choice options will require some decision-making.

HARD: 3.0-3.5km (Short), 3.5-5.5km (Medium), 5.0-8.0 (Long).

Difficult navigation needing good map reading skills. Most controls require cross-country navigation and may not be visible from line of approach. Wider choice of routes means greater decision-making.

NOC Bush Events 2012

☐ Sunday 15th April - Minor Event

VENUE: Becks Rd, Freemans Waterhole.
MAP: "Jigadee Jog" - 1:10,000
COURSES: Very Easy, Easy, Moderate, Short Hard, Long Hard
SETTER: Denis Lyons

☐ Sunday 29th April - NOY3

VENUE: Mount Sugarloaf (picnic area). This event is part of the National Orienteering Day - Come and Try It!
MAP: "Sugarloaf No. 1" - 1:10,000
COURSES: Standard NOY range (7): Very Easy, Easy, Short Moderate, Long Moderate, Short Hard, Medium Hard, Long Hard
SETTER: Ian Dempsey

NOL Round 3, WOC Selection Trial, State League 3, 4 & 5



Saturday 12th May - Sprint

VENUE: Newcastle University
MAP: "Newcastle University" - 1:4,000
STARTS: From 9am
SETTER: Karen Blatchford

Saturday 12th May - Middle Distance

VENUE: Pelaw Main
MAP: "The Old Colliery" - 1:10,000 (NEW MAP)
STARTS: From 1:30pm
SETTER: Denis Lyons

Sunday 13th May - Long Distance

VENUE: Kitchener
MAP: "Astley's Tower" - 1:15,000 (NOL) & 1:10,000
STARTS: From 9:30am
SETTER: Steven Todkill

COURSES: please see website for full range of courses
ENTRIES: Online pre-entry preferred. Enter on day available

www.newcastleorienteering.asn.au/coalfields/

☐ Saturday 26th May - Coaching Day

VENUE: The Boulevarde, Killingworth (park at Substation)
MAP: "The Range" - 1:10,000
COURSES: Set for orienteers moving from Easy to Moderate. Long pants recommended. Also activities for Very Easy and Easy.
ENTRIES: People wishing to attend need to pre-book with Geoff Todkill (4958 5920 or email: todkill@hunterlink.net.au)
Cost: \$3 to cover map printing. Activities after a briefing at 10am.
SETTER: Geoff Todkill

☐ Sunday 27th May - Minor Event

VENUE: The Underpass (The Boulevarde), Killingworth
MAP: "The Underpass" - 1:10,000
COURSES: Very Easy, Easy, Moderate, Short Hard, Long Hard
SETTER: Peter Newton

☐ Sunday 3rd June - NOY4

VENUE: Belford
MAP: "Belford National Park" - 1:10,000
COURSES: Standard NOY range (7): Very Easy, Easy, Short Moderate, Long Moderate, Short hard, Medium Hard, Long Hard
SETTER: Russell Rigby

☐ Sunday 24th June - NOY5

VENUE: Lone Pine Road, Wallaroo State Forest
MAP: "Lone Pine Road" - 1:10,000
COURSES: Standard NOY range (7): Very Easy, Easy, Short Moderate, Long Moderate, Short Hard, Medium Hard, Long Hard
SETTER: Sally-Anne Henderson

☐ Sunday 8th July - NOY6

VENUE: Glendale
MAP: "Brush Creek" - 1:10,000
COURSES: Standard NOY range (7): Very Easy, Easy, Short Moderate, Long Moderate, Short Hard, Medium Hard, Long Hard
SETTER: Greg Bacon

☐ Saturday 21st July - Coaching Day

VENUE: The Boulevarde, Killingworth (park at Substation)
MAP: "The Range" - 1:10,000
COURSES: Set for orienteers moving from Moderate to Hard. Long pants are recommended. No easier courses available.
ENTRIES: People wishing to attend need to pre-book with Geoff Todkill (4958 5920 or email: todkill@hunterlink.net.au)
Cost: \$3 to cover map printing. Activities after a briefing at 10am.
SETTER: Geoff Todkill

☐ Sunday 22nd July - Hunter Valley Champs

VENUE: Pelaw Main
MAP: "Mining Mystery" - 1:10,000
COURSES: Very Easy, Easy, Short Moderate, Long Moderate, Short Hard, Medium Hard, Long Hard
SETTER: Denis Lyons

☐ Sunday 5th August - NOY7

VENUE: The Boulevarde, Killingworth
MAP: "The Range" - 1:10,000
COURSES: Standard NOY range (7): Very Easy, Easy, Short Moderate, Long Moderate, Short Hard, Medium Hard, Long Hard
SETTER: Geoff Peel

☐ Sunday 19th August - Minor Event

VENUE: Abernethy
MAP: "Brokenback Slopes" - 1:10,000
COURSES: Very Easy, Easy, Moderate, Short Hard, Long Hard
SETTER: Alex Massey

☐ Sunday 2nd September - NOY8

VENUE: Cessnock
MAP: "Southam's Road" - 1:10,000
COURSES: Standard NOY range (7): Very Easy, Easy, Short Moderate, Long Moderate, Short Hard, Medium Hard, Long Hard
SETTER: David Kitchener

☐ Sunday 23rd September - Minor (Score) Event

VENUE: Stanford
MAP: "Stanford Scrubs" - 1:10,000
COURSES: Short & Long Score Courses available
SETTER: Denis Lyons

☐ Sunday 21 October - Minor (Score) Event

VENUE: Hawks Nest
MAP: "Hawk's Nest" - 1:10,000
COURSES: Short & Long Score Courses available
SETTER: Geoff Peel and Robert Preston

• Unless otherwise specified, events are Enter on the day, at a time to suit you, between 9:30 - 11:30am.

• Please check the website for more detailed directions to event locations (Starting locations may be subject to change due to weather conditions)