

A detailed topographic map with contour lines, showing a complex terrain with various peaks and valleys. The map is rendered in black lines on a white background.

COMPASS POINTS



FEBRUARY 1999

President/Coaching	Geoff Morrison	(06)877 4870
Secretary/Publicity	Pamela Morrison	(06)877 4870
Treasurer	Alan Berry	(06)877 7223
Committee-		
Fixtures	Derek Morrison	(06)877 8261
Mapping	Ken Holst	(06)879 5046
Equipment	Richard Lynn	(06)843 7511
Statistician	Tim Jowett	(06)835 3765
Magazine	Terry Russell	(06)873 4138

PAGE	CONTENTS
2	Presidents Report
3	Committee News & New Members
4 - 5	NZ Development Squad Camp
6 - 7	1999 Macpac Kaweka Challenge
8	Eye in the Sky & Club E-mail list
9	Katoa Po Night Relays at Taurewa
10	Are you getting the most from your Map?
11	Adverts
12	Results Rowe Road
13	Results Street Series
14 - 15	Fixtures List
16	Club Fixtures

Please forward newsletter contributions to: Terry Russell, 809 Matai Street, Hastings or e-mail: tsruss@icarus.ihug.co.nz

All other correspondence to: The Secretary, Pamela Morrison, 27 Margaret Avenue, Havelock North or e-mail: pamela.m@xtra.co.nz

PRESIDENTS REPORT

Looking at the upcoming programme for the year, there seems plenty of orienteering available for everyone. For the O-glutton, you can satisfy your hunger weekly (close) between now and the end of the year culminating in the World Masters Champs.

Thanks to everyone who helped out last weekend at the Kaweka Challenge. Especially Sharon and Phillip who were totally immersed in the event over the last month, together with the pressures of the start of the upcoming apple-picking season hanging over them. It has been a good money-spinner for the club over the years, and Sharon has been the vital cog in the functioning of the event over it's 10 year existence.

The Street Series organised by the Russells, to raise travel funds for the secondary students to go to the Nationals, have been good fun. The turnouts have not been great, but the "winners" have been all those that have been attending. The format is simple, and it is good pre-season practice. If you haven't been to one yet, get along on Wednesday night at 5.30. It has been a great opportunity for our youthful members to run an event, and to date, have done a very good job.

Stewart Hyslop has his night classes starting on the 2nd of March, and he is looking to give everyone attending an indepth look into orienteering over 8 weeks. Stewart is still on the lookout for budding students, so give him a call.

Our first OY is coming up on the 21st of March and it will be a good opportunity to get early points in this year long series. Select the grade you are going to have a "crack" at, and then rip into your opposition! Best 5 of 6 events count, so make hay while the sun shines. Smedley Station is such a nice area so see you all there!

It is good to see so many new people involved in course-setting this year, and hopefully your day in the sun all goes well for you. Remember, nothing upsets people more than hidden controls! Setting courses is quite a fun exercise, and you will learn a tremendous amount undertaking the task. Good luck.

GM

COMMITTEE NEWS...COMMITTEE NEWS...COMMITTEE

Mapping

- "Rochfort" - fieldwork and cartography is nearing completion.
- "Te Awanga" - as we were not successful in employing an outside fieldworker, Geoff Morrison has been contracted to complete this work. Because of the tight time constraints to complete this work prior to QB weekend, Pamela Morrison has been contracted to complete the cartography.
- Rotoma Station (Anaroa Road) - the photogrammetry for a small club map in this area has been ordered.
- "Smedley Station" is a high priority for converting to OCAD and refieldworking.
- An OCAD file management policy has been considered.

Equipment

- Stewart Hyslop has donated a 5kg general purpose fire extinguisher to the club.
- After much persistence, Richard Lynn has managed to replace the support wheel on the caravan.

Fixtures

- A new area in Central HB is being investigated for our Rogaine scheduled for December 4.
- The procedure the club should follow for liasing with landowners has been discussed. This is -
 1. The fixtures officer will phone landowners at the beginning of the year to seek their general approval.
 2. The fixtures office will then follow this up with a letter which sets out the name of the course setter who will be contacting the landowner prior to the event.
 3. Course setters must contact land owners at least 1 month prior to the event.
 4. Course setters must contact the landowners after the event to thank them for the use of the property.

Other

- QB 3 Day - details for entry forms have been finalised, these will be available shortly. Days 1 & 3 will combine for one badge credit. Alan Berry is to prepare a Safety Plan and Terry Russell is co-ordinating personnel.



NEW MEMBERS

We welcome the following new members to the club. We look forward to seeing you at future events.

- * **Robyn & Oliver Davidson**

NZ Development Squad Camp

The "D" Squad camp was held at Iwitahi, which is about 20km out of Taupo. The main focus for the camp was contours and on the first day we did a little mapping at Tukairangi to help us recognise the shape of contours. This hour long session was followed by a contour only course still on the same map, which was difficult at first but you get used to looking for big features eg. big hills/reentrants.

That afternoon we were introduced to our first Micr-O of a series which was to follow through the camp. A Micr-O is a short orienteering course which consists of two small loops with a "P" (Pivot) control at the end of each loop. Each Micr-O is about 1km in length and control "P" is visited three times 1) at the start 2) after the second loop 3) after the second loop and on the way to the finish. Four people are able to race each other at the same time eg. person #1 does his course in the order "P"-A-B-C- "P"-X-Y-Z- "P" at the same time person #2 is going in the totally opposite order "P"-Z-Y-X- "P"-C-B-A- "P" and the other two people start off going either "P"-C-B-A or "P"-X-Y-Z. In my race I came 2nd to Matthew Backler and didn't find it too hard. For something to do after our days training we drove to Bulli-Point which is a cliff that we jumped off into the lake and seems much higher than it actually is.

On day two of our camp we went to Pukerimu and did some compass bearings between a road and a fence going back and forth in a zig-zag , the only catch was that in between the road and the fence there was nothing shown on our maps so we were totally reliant on our compasses. Next on the list was a pass the map relay where we had a team of four and there are three controls. Before the relay started three of the four team members were sent off to the three controls (which was only a flag). When the race started all five teams ran off to the first control and passed the map to the second leg runners (which included me). Then we passed our maps to the third leg runners which were waiting at control #2. The relay kept going around until we reached the place we had started so this means that the first leg runners had to run to the start/finish. For recreation that afternoon I went mountain biking with Neil Kerrison, David Stewart, Andrew McCarthy and Andrew Thompson at the "Craters Of The Moon" mountain biking trails (which is about 15k's out of Taupo).

That afternoon we had the second Micr-O in our series which was a lot harder than the one we had the day before (meaning that I stuffed it up). On Wednesday we only had to travel just down the road to the map "Opepe East". Here we did the course in a group to talk about what we were thinking when we were running , anyway this course got us out to a nice patch of native bush on the far side of the map. Here we stopped to have a drink and to get ready for our Palmer Challenge.

A Palmer Challenge is an exercise to get used to knowing where the control should be even if you can't see it. On your map you have a control #1 where you have to put your flag out then you advance to control #2 where your partner has put their control out once you have picked their flag up you run back to the finish as fast as possible and the first one back wins. I won the first round but then came up against Neil Kerrison in the second and just got beaten. After the Palmer Challenge we did some more group work on a course that led us back to the cars.

Since we were so close to the camp we went back and had hot pizza for lunch. For something to do before our Micr-O most of us went to the AC Baths in Taupo. Today our Micr-O was at Spa Park , it was mainly for public viewing but since there was no advertising we didn't get many people coming to watch us, although we did get a news paper reporter to take a few photos and to write a little story. That night my Dad and Michael Wood set Night relay that was meant to be easy in the daytime but was pretty hard in the thick bush in the middle of the night, considering we took about 50 minutes to do a 1.4km so called yellow course.

Thursday we drove out to Whakaipo Bay where we did some mapping in a more intricate area than on the first day. Then we had the girls "Camp Champs" seeing that most of them were leaving that night to go to "The Big Day Out" in Auckland. Then we had the last of our Micr-O's in the most intricate part of the map (again I stuffed up) and it was finalised that Andrew Thompson had won the series. After lunch all of us that hadn't left yet paid our \$7 to go sailing on an old yacht called the Barbary. The Captain said that it would lean over a bit but we didn't expect it to be as much as 70 degrees which was nearly tipping us off the side of the boat. That afternoon back at camp we had a group challenge that consisted of a course where four litres of water had to travel to each control, a group obstacle course and a blind folded three legged clipping competition. During our meeting that night protests were made against other teams to make them lose points. The main protest against Dad's team was "We were running along behind Derek when the sun came out and we were blinded by his bald patch"(they lost 3 points for abuse of competing teams). In the end our team won overall (mainly because we had the best protests).

On the last day we had our "Camp Champs" back at Pukerimu where we ended up finishing in a group of four (me being first) I thought I had won the 6km course but Jamie Stewart came in a minute faster than me with 60.46mins. After everybody had finished their course we said our good byes and left for home. It was the best 'D Squad' camp I have ever been to.....

Ross Morrison

1999 MACPAC KAWEKA CHALLENGE

An outstanding run by elite Scottish mountain runner Helene Diamantides took more than an hour off the women's record for the solo classic event at the tenth annual Macpac Kaweka Challenge, held in the Kaweka Ranges over the weekend. Diamantides completed the 41 km course, with a total climb of over 3000 metres, in 6 hours 48 minutes. Colin Rolfe, of Paraparaumu repeated his 1998 win in the men's event, in a time of 5 hrs 47 m.

The overnight 41 km solo course, where competitors are required to carry full camping equipment, was won by British athlete Jon Duncan in 5 hrs 41 m. Antonia Wood, of Hutt City, recently returned from an overseas orienteering campaign, won the women's solo overnight course in 6 hrs 51 m. Warren Drought and Richard Brewer, of Taranaki, took out the 41 km pairs overnight men's course and Auckland runners Jean Mansill and Edwine Gers the women's course.

Whakatane runner Chris Morrissey continued his four-year dominance of the 28 km solo one day course, shaving 45 seconds off his own record in a time of 3 hours 55 m. In the 13 km "sprint" event, requiring a more modest climb of just under 1000 metres, Charlotte Cantley, of Ohaupo, also set a new mark of 1 hr 50 m

The Macpac Kaweka Challenge is the highest mountain race in New Zealand and is organised by the Heretaunga Tramping Club and the Hawkes Bay Orienteering Club. More than 330 contestants took part in the three single day and two overnight courses.

Full results:

Kaweka 1 day solo Classic, 41 km, 3060 m climb

Women: Helen Diamantides (Scotland), 6:48, 1st
Men: Colin Rolfe (Paraparaumu), 5:47, 1st
Veterans: Allen Berthelsen (Tauranga), 6:24, 1st

Makahu 2 day solo, 41 km, 3060 m climb

Women: Antonia Wood (Hutt City), 6:51, 1st
Men: Jon Duncan (UK), 5:41, 1st
Veterans: Bill Dale (Havelock North), 8:39, 1st

Makahu 2 day pairs, 41 km, 3060 m climb

Women: Jean Mansill & Edwine Gers (Auckland), 9:29, 1st; Andrea Cole & Glenys McLeod (Auckland), 9:33, 2nd.
Men: Warren Drought & Richard Brewer (Taranaki), 6:23, 1st; Cathal Dickens & Tim Mackey (Linton), 6:54, 2nd
Mixed: Lou Luff & Amanda Langley (Palmerston North), 8:12, 1st; Fiona Brockett (Remuera) & Rob Fraser (Te Puke), 9:04, 2nd
Veterans: Stuart Gray & Ian Wilson (Wellington), 11:49, 1st

Kaiarahi 1 day solo, 28 km, 2150 m climb

Women: Katie Dakers (Christchurch), 5:30, 1st; Maree Limpus (Palmerston North), 5:36, 2nd

Men: Chris Morrissey (Whakatane), 3:55, 1st; Pim de Monchy (Hamilton), 4:10, 2nd

Veterans: Tony Harris (Taradale), 4:54, 1st; Tony Ahern (Hawera), 5:30, 2nd

Mackintosh 2 day pairs, 30 km, 2160 m climb

Women: Jenny Parker & Susie Osbaldiston (Whangarei), 6:33, 1st; Nina Cooper & Katherine Lovell (Napier), 6:56, 2nd

Men: Jon Warren & Bevan Kerr (Napier), 5:36, 1st; Steve Cranefield (Ohaupo) & Craig Mulgrew (Te Awamutu), 6:04, 2nd

Mixed: Christine Rowe & Ian Hunter (Drury), 5:57, 1st; Geraldine Wilson & Simon Dyne (Tokoroa), 6:34, 2nd

Veterans: John Moriarty & Jim Harland (Havelock North), 6:50, 1st; Graham Fletcher & Mick Leyland (Palmerston North), 2nd

Kuripapango 1 day solo, 13 km, 950 m climb

Women: Charlotte Cantley (Ohaupo), 1:50, 1st

Men: Andrew Wyatt (Hunua), 1:25, 1st

Veterans: Grant Christian (Palmerston North), 1:44, 1st

Secondary school girls: Anna Berthelsen (Tauranga), 2:09, 1st

Secondary school boys: Simon Wallace (Hastings), 1:58, 1st

Alan

A wee message for anyone who has been restructured, downsized or just plain put off recently:

"We trained hard but every time we were beginning to form up into teams, we would be re-organised. I was to learn later in life that we would meet any new situation by re-organising and a wonderful method it can be for creating the illusion of progress while producing inefficiency and demoralisation."

Petronius. 66 AD

It may not help but it does show that nothing really changes!

EYE IN THE SKY

BY THE MAGPIE

- James Wood is now at Victoria University and Naomi Schumacher at Otago.
- Richard was heard on his course at the night relays exhorting himself on by calling "C'mon Hawkes Bay"!
- Max had finished his course so quickly, that Ken was caught unawares with his feet up. The abuse he copped by other club-members must've worked, because once under way he tore up the course.
- No 43 was an interesting control at Anderson Park. It was in two places at once! A tree and a rubbish bin. The problem was that the one by the bin was chained around the tree and the one in the tree was actually no 44.
- Word has it the Geoff was manning the finish site after the 1st day of the Kaweka Challenge at Makahu Saddle. An orienteer from Wellington came through but carried on (a la 1 day). Suddenly realising that this person had actually finished, Geoff had to do a quick 400metres to catch him and tell him!!
- The toll from the Flaxmere street event - 3 clippers broken, a mutilated plate, 1 clipper stolen (nut & bolt left behind), 1 chain & padlock stolen (plate & clipper left behind), chain replaced but then clipper later broken!! Say no more.

CLUB E-MAIL LIST - *update your address book now!*

BERRY, Alan & Kath	<i>alan.berry@xtra.co.nz</i>
BERRY, Ross & Robyn	<i>rmb@clear.net.nz</i>
DAVIDSON, Robyn & Oliver	<i>robynd@xtra.co.nz</i>
FARGHER Family	<i>TSJS.Fargher@xtra.co.nz</i>
FISHER, David	<i>dmfisher@clear.net.nz</i>
FISHER, Mac & Ngaire	<i>macfisher@clear.net.nz</i>
GILLMAN/JEPSEN Family	<i>gilljep@clear.net.nz</i>
HOLST, Ken & Kay	<i>kaycee.holst@xtra.co.nz</i>
HUDSON, Mark	<i>markh@rds.co.nz</i>
JOWETT, Tim	<i>tim.jowett@clear.net.nz</i>
KERRISON, Max	<i>kerrison@inhb.co.nz</i>
LLOYD Family	<i>mwlloyd@xtra.co.nz</i>
MORRISON, Geoff & Pamela	<i>pamela.m@xtra.co.nz</i>
PERRY, Bruce	<i>rose.maree@xtra.co.nz</i>
RUSSELL Family	<i>tsruss@icarus.ihug.co.nz</i>
STEEDS, Paul	<i>paulsteeds@xtra.co.nz</i>
TUOHY, Craig	<i>craig.tuohy@clear.net.nz</i>
WATSON Family	<i>prwatson@xtra.co.nz</i>



If you would like your name added to the list please contact Pamela Morrison (and be part of the after event results service!).

Katoa Po - Night relays at 'Taurewa'.



The "Koru Lounge" was already in place when we had arrived, strategically placed in full view of the finish. Richard (mine host) had a full assortment of refreshments and nibbles available inside, it seemed, with the weather outside looking iffy, a nice place to retire to for the evening. The weather, in the end, turned out clear, but cool.

Support for the HB teams was loud and long, no-one more louder or longer than Richard. The cacophony of noise emanating from the HB supporters was heard by runners way out into the night, and rumour has it, interrupting the Beach Boys concert at the Mission. The regurgitated hit of the eighties "Something about a Magpie", blared(?) out from the ghetto blaster, and the impromptu verses from Craig (the croner) Tuohy were the causes of much mirth. Mad Max wished he'd brought his shotgun to add to the mayhem, though his actions probably would have brought the evening to an abrupt halt.

The clubs two 7-member teams and two 5-member teams acquitted themselves very well. I think we would do even better if all club teams tried to compete in the spirit of the event and included club-members only. No wonder our support is best- we know each other!

Our five first leg runners, with ages accumulated still added to less than mine, all did really well. No elites for us, or adults, just 5 kids, ages ranging from 6 to 11. Emma was one of the first back, and Helen not too far behind. Sophie, Kate and Duncan all returned to the large cheers of the HB contingent. Our second leg runners weren't much older, with their ages ranging from 12 to 15. All 4 had excellent runs on the yellow course. As the night progressed, some runners had good runs and some not so good, but regardless of this, all received good support when they finished.

At one stage, the top 7 had over a 30 minute lead over the our 2nd team, but solid runs by Max and Ken pulled back 20 minutes on Derek and Peter. Mark had a very good last leg to avoid any embarrassment. 5th was a disappointing result in the end after promising much, but the 2nd teams effort in being run down in the straight for 6th showed overall that the club has good depth. It also gives the selectors food for thought for next year!

Our 2 5-man teams fought tooth and nail throughout the race with Dave Fisher's team gaining the ascendancy in the end. The war horse had too much guile for the young buck, Richard, who was heard chanting whilst running "C'mon Hawkes Bay".

Thanks to everyone who supported this event, I'm sure you all enjoyed it, and the support, and I'm sure you'll all be lining up for next year. I might have the ringing out of my ears by then. But the opportunity to have hot bacon and egg sandwiches on Sunday morning off Tom's (Le Chef) grill will always encourage me back.

Incidentally, we won the prize for the best supported club, a large "Silva" headlamp, though opposition clubs opposition was barely more than a whimper. The loudest noise heard from them was the complaining about the noise we were making! Perhaps they should channel that into support for their own club. Perhaps with their "ring-ins" they don't recognize anyone! Thanks Richard for organising our section, it certainly was a hit.

'theres something about a magpie.....'

Are You Getting the Most from your Map?

In the sixth and final of this series, Michael Wood discusses some of the symbols on the orienteering map. As Coaching Director and a mapmaker, Michael's advice will help you use the information which is there. He suggests you get out a few of your old maps to refer to when you are reading this.

In this Issue: Course Markings and Other Handy Stuff

As you know, the course is marked by circles, with a triangle and double circle to indicate the start and finish. The "proper" colour is purple, a colour chosen to stand out from the rest of the map for most people including those with various kinds of colour-blindness. This works well for big events when the course can be overprinted under ideal conditions, indoors! Unfortunately the most practicable pen for use at the master maps is the common ball-point, and this doesn't make a dense enough line on a yellow background. The NZOI Technical Committee has agreed that red ball-point may be used, but a purple pen should be available for colour-blind people.

But the best way to get a legible course at the master maps is to draw neatly. Many clubs are now allowing course-marking prior to the start of timing. Initial worries that it would be difficult to administer have been overcome, and in minor events who cares how long you take? Some compasses have a circle stencil which you can use. Clever orienteers DON'T put a dot in the centre of the circle, as this could obscure the control feature. Use the side of your compass to draw straight lines. If there are fine details near the control like boulders or dot knolls, avoid covering them up with the circles, lines or numbers, leave some gaps. The numbers should be written oriented to north.

Routes and Crossing Points: A dashed line between two controls represents a route marked on the ground with streamers. Two lines curving outwards represents a crossing point over a wall or high fence, or through a short stretch of thick vegetation. Often the organisers will cut a route through "fight" to make the best use of the area. The event information has to tell you what colour streamers will be used and whether such routes and crossing points are compulsory or just suggestions.

Out of Bounds: A purple line represents a boundary which you are not allowed to cross. A forbidden route (such as a road or track) has purple crosses. Purple stripes indicate out of bounds for this event (black stripes would be permanently out of bounds). A purple criss-cross pattern indicates a dangerous area, such as thermal areas in the central North Island.

Help for the Weary Orienteer: A first aid post (not usually out on the course in NZ) would be a purple cross. More common is the bucket symbol for drinks not at a control.

Which Way to the North Pole? All orienteering maps have north lines pointing to magnetic north, to avoid the messy adjustment for magnetic variation. They are usually in black, but may be in blue if there are other thin straight lines which could be confused. An example is the many rides on Crater Block near Rotorua. There is a standard spacing: 500m for 15,000 maps, and 250m for 10,000. You can use this for "eyeball" estimates of distance.

There are several other "clues" to help you recognise north. The north lines are parallel to the sides of the paper. The north lines should have arrow-heads. And it is recommended that wording such as place-names be scattered over the map (provided detail is not obscured) oriented to north. These are all designed to help you when you have your map folded for a comfortable grip.

What About the Scale? This should be shown on the map as a number (e.g. 1:15,000) and as a scale bar, usually a line with 100's of metres marked on it. There is ongoing debate about scale, which has crept up from 50,000 in the early days of orienteering, to 25,000 for the first special-purpose orienteering maps, to 15,000 today. There is provision for 10,000 if the degree of detail demands it, and this is being used more and more, even for international events where special dispensation is required. A special 10,000 version is occasionally provided for the 45 classes and older, to recognise aging eyes.

Those who oppose 10,000 scales say that it allows too much detail to be included on the map, detail which is not obvious at running speed. Those who favour it say that some terrain such as sandhills and rocky areas are impossible to map well at 15,000. None of the above applies to park and school maps, which can be at any scale.

Publication Details. The title lets us identify a particular map, and the mapper, cartographer and source of the basemap are usually acknowledged. Sometimes there is a "reliability diagram", but unless you know a lot about various mappers, it doesn't tell you much about reliability! What does indicate reliability is the date, as most areas change with time. Good maps help you find them by a location diagram or distance to a nearby town. And the club which has produced the map usually asserts its copyright over the result.

Registration Crosses: Finally, a hint that will soon become obsolete. Traditionally, colour maps have been printed with 5 printing plates, one for each ink colour. If the printing press is not set up perfectly, the different colours can be displaced from each other! To allow the printer to check this, the cartographer includes a fine cross on the drawing for each colour, in the same place on the drawing. If you see a splatter of crosses in various colours, the registration is not good, and you should ask for another map.

The problem goes away with computer drawing and laser printing, the methods of the future! However mappers are finding that some of the drawing standards, drawn up to ensure readable maps with traditional printing, need revising for the new technology. We can expect soon a revision to the mapper's bible, the "International Specifications for Orienteering Maps".

Until that appears, this is the conclusion of this series. I wish you successful mapreading!

March 21 OY 1 Smedley Station

The start of this years OY series begins on this day on the park-like surroundings of Smedley Station. The turnoff (sign-posted) to the map is just before Tikokino, 45 minutes down SH 50 from Napier.

Open for everyone who is a member of the club. It is easy. Just come along, select the course you would like to run in the series for the year, then go for it. Good luck.

OY 2 is on April 11 at 'The Slump'.

Night Classes at Hastings BHS

Stewart Hyslop is still looking for 'students' to fill his class for his 8 week course on orienteering on Wednesday nights. He hopes to cover a range of topics and skills in that time, and suitable for anyone looking to improve their skills.

If interested, phone Stewart 8798078.

NEW FOR 1999

HBOC TRAINING DIARIES

GET YOURS NOW!!!

These have been designed specifically for planning and recording your orienteering training, in addition to analysing your orienteering performances. The diary includes a special section on how to plan your training, so that you peak for that big event.

If you're serious about improving your orienteering performances in 1999 then this will be an invaluable tool. Get your copy NOW, orders to Geoff Morrison (06)877 4870 - **ONLY \$2 each.**

RESULTS - ROWE ROAD - 7 FEBRUARY, 1999

Setter: Ross Morrison

Vetter: Terry Russell

No report has been sighted for the Rowe Road event!!

Orange Long (5.0km, 385m)

Geoff Morrison	47.41
Tom Fargher	63.47
James Wood	64.09
Pamela Morrison	68.58
Norris Cox	77.26
David Fisher	80.54
Matthew Wood	82.05
Chris Howell	82.26
Rob McDonald	90.43
Robert Gillman	92.19
Jenny Russell	105.38
Paul Steeds	120.23
Karl Baker	DNF

Yellow (1.7km, 150m)

Faye McDonald	28.26
Kieran Scott	38.05
Diane Lucas	42.10
Ashleigh Taylor	62.49

White (1.8km, 150m)

Cara McDonald	37.07
Christopher McDonald	37.26
Jepsen Family	40.51
Sophie Fargher	42.28
Duncan Morrison	45.48
Scott McDonald	47.00

Orange Short (2.9km, 260m)

Jason Russell	50.56
Brian Crawford	69.40
Mac Fisher	94.32
Pernel Group	100.02
Philip Baker	124.28

String

Solfrid Gillman	11.26
Duncan Morrison	15.30
Scott McDonald	20.00
Christopher McDonald	33.49



RESULTS - STREET SERIES

FRIMLEY PARK - FEBRUARY 17

Long Course	
Peter Watson	27.38
Derek Morrison	28.42
Geoff Morrison	29.38
Richard Lynn	33.40
Pamela Morrison	43.25

Short Course	
Tim Jowett	30.30
Kieran Scott	34.06
Amber Morrison	36.45
James Watson	61.13

White Course	
Christopher McDonald	40.16
Kate Morrison	44.36
Scott McDonald	46.25
Duncan Morrison	46.54
Oliver Watson	48.45
Helen Watson	60.55

ANDERSON PARK - FEBRUARY 24

Long Course	
Derek Morrison	29.11
Richard Lynn	30.42
Terry Russell	30.59
Geoff Morrison	32.25
Pamela Morrison	38.57
Brian Crawford	41.33
Alan Berry	42.59
Doug Matheson	44.18
Tim Jowett	47.20
Jason Russell	51.04
Jenny Russell	51.42
Amber Morrison	54.24
Ogier Family	62.30
Affleck Family	69.51

White Course	
Kate Morrison	20.22
Duncan Morrison	22.08
Chapman-Olsen Family	54.58
Melissa Mikaere had to go to hockey	DNF

FLAXMERE - MARCH 3

Long Course	
Richard Lynn	30.59
Geoff Morrison	32.32
Peter Watson	35.11
Pamela & Sean Morrison	57.53

Short Course	
Tim Jowett	26.49
Sharon Mardon	37.54
James Watson	52.14
Emma Watson (12 controls)	42.37

White Course	
Cara McDonald	23.43
Scott McDonald	29.02
Christopher McDonald	30.27
Oliver Watson	36.03
Helen Watson	38.11

FIXTURES LIST

Date	Event	Map	Club
1999			
7-Feb	Club	Rowe Rd	
6/7 Feb	NZ Masters	Sandhills/Heaton Park	Red Kiwis
17-Feb	Street Series	Frimley	
20/21 Feb	Kaweka	Kaweka	
24-Feb	Street Series	Anderson Park, Napier	
27-Feb	Katoa Po Night Relays	Taurewa	Taupo
28-Feb	CDOY1	Taurewa	Taupo
3-Mar	Street Series	Flaxmere	
7-Mar	Club	Te Mata	
10-Mar	Street Series	Havelock North	
14-Mar	WAOY1	QEII Park	Kapiti-Havoc
14-Mar	CDOY2		Rotorua
17-Mar	Street Series	Hastings	
21-Mar	Club OY1	Smedley	
3/4/5/6 Apr	Easter Multi Day	Auckland	National Squad
11-Apr	Club OY2 WAOY2	The Slump	
17/18 Apr	NZ Sec School Champs		Dunedin
18-Apr	RK Club	Whirokino	Red Kiwis
25-Apr	HB Schools Champs	Horseshoe Bend	
9-May	Club OY3	Seafield Road	
15/16 May	CDOY 3&4	Piopio	Hamilton/Egmont
16-May	WAOY3	Taueru	Wairarapa
23-May	Club	Te Mata Park	
5-Jun	WOA	Te Awanga	
6-Jun	WOA	Maraetotara	
7-Jun	WOA	Rochfort Road	
13-Jun	WAOY4	Mill Creek	Wellington
13-Jun	CDOY5		Pinelands
20-Jun	Club	McNeil	
27-Jun	WAOY5	Wanganui	Red Kiwis
4-Jul	Club OY4	Mangarara	
9/10 Jul	NI Sec School Champs		Auckland
11-Jul	RK Club	Whirokino	Red Kiwis
18-Jul	Winter Classic		Wairarapa
25-Jul	Club	Havelock Hills	
8-Aug	Club	Bluff Hill	
15-Aug	RK Club	Lake Vipan	Red Kiwis
22-Aug	Club	Whirinaki	
29-Aug	Club	Te Mata Park	
5-Sep	Taupo Club	Opepe West	Taupo
12-Sep	HBOY5	Tangoio	
19-Sep	WAOY6	Gordon Kear	Red Kiwis
19-Sep	CDOY6		Hamilton
26-Sep	Club	Pukeora	
26-Sep	Auckland Champs		Auckland
2-Oct	WOA Relays	Hydrabad	Kapiti Havoc
3-Oct	WAOY7	Kaikokopu	Wellington

10-Oct CD Champs		Taupo
17-Oct WOA Frank Smith Trophy	Riverside	Wairarapa
23/24/25 Oct NZ Champs		Auckland
31-Oct Club OY6	Maraetotara	
14-Nov Club Champs	Rochfort Road	
28-Nov Club	Surprise!	
4-Dec 6, 12hour	Central HB	
5-Dec RK Club	Otawahao	Red Kiwis
11/12 Dec 2 Day Event	Wanda/Watchtower	Hutt Valley
19-Dec RK Club	Pukepuke	Red Kiwis
28-Dec WMOC Warm-up		Auckland
29-Dec WMOC Warm-up		Taupo
2000		
1-Jan Millennium event		Feilding
2-Jan Public Race WMOC		Manawatu
3-Jan Model Event & Opening WMOC		Manawatu
4-Jan WMOC Qualifying#1		Manawatu
5-Jan WMOC Qualifying#2		Manawatu
7-Jan WMOC Finals A,B&C		Manawatu



Autumn Mist Challenge



12 hour Rogaine

Saturday 22 May 1999
(plus 6 and 3 hour options)

Location:	South of Martinborough
Contact:	Jim Alpe 06-306 9694 Steve Lyttle 025-464 979 Raymond Nicholson 06-379 5108
Website:	http://www.geocities.com/Colosseum/Track/8391/
Email:	holdsworth-jumbo@xtra.co.nz

Organised by: **Wairarapa Orienteering Club**

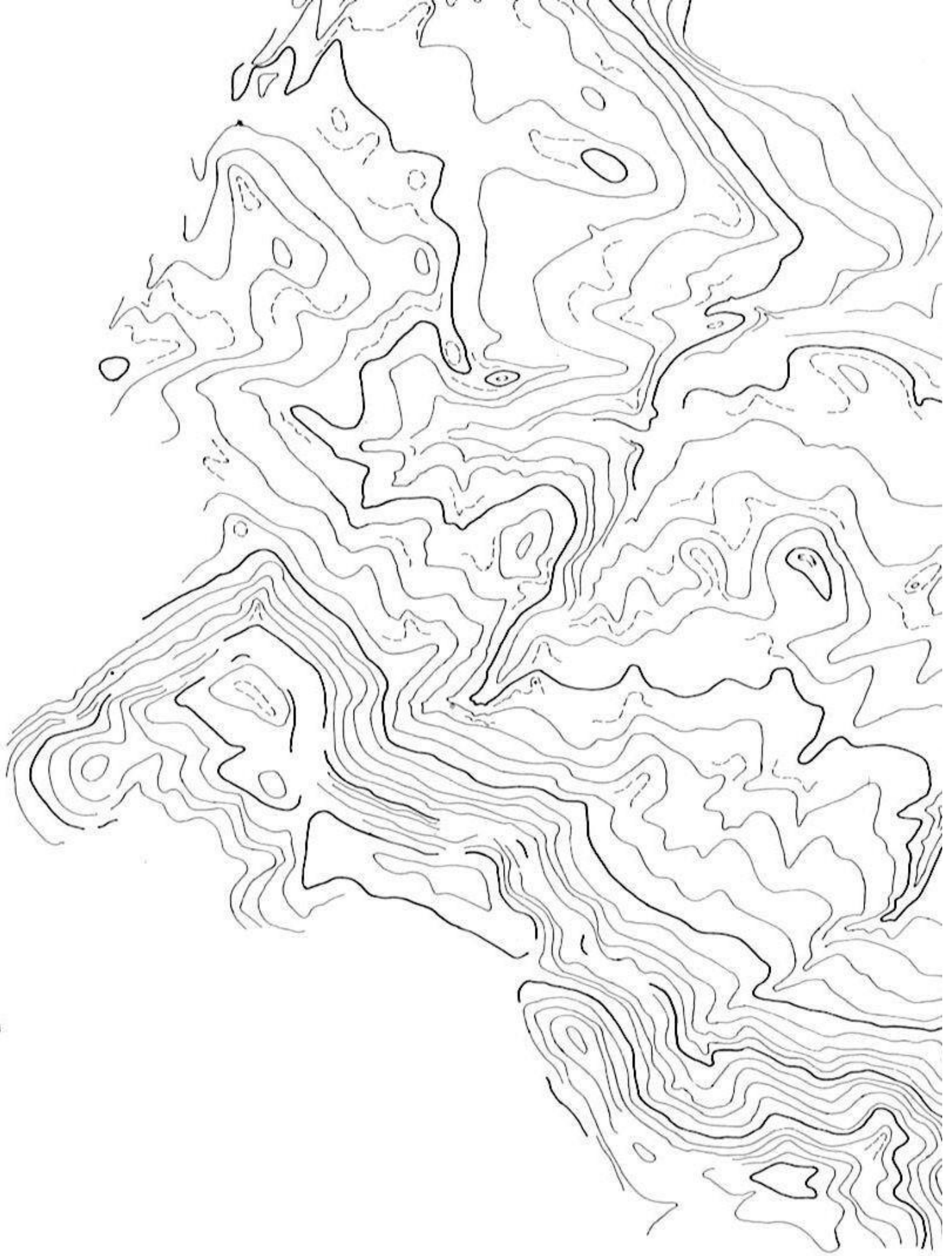
CLUB FIXTURES

This list is subject to change - please refer to our latest club magazine for confirmation of these events.

Date	Event	Map
1999		
7-Feb	Club	Rowe Rd
14-Feb	Kaweka Challenge Working Bee	
17-Feb	Street Series	Frimley
20/21 Feb	Kaweka Challenge	
24-Feb	Street Series	Anderson Park, Napier
27-Feb	Taupo Night Relays	Taurewa
3-Mar	Street Series	Flaxmere
7-Mar	Club	Te Mata
10-Mar	Street Series	Havelock North
17-Mar	Street Series	Hastings
21-Mar	Club OY1	Smedley
11-Apr	Club OY2	The Slump
	WAOY2	
25-Apr	Club/HB Schools Champs	Horseshoe Bend
9-May	Club OY3	Seafield Road
23-May	Club	Te Mata Park
5-Jun	QB 3- Day/WOA Champs Classic	Te Awanga
6-Jun	QB 3-Day/WOA Champs Short-O	Maraetotara
7-Jun	QB 3-Day Classic	Rochfort Road
20-Jun	Club	McNeil
4-Jul	Club OY4	Mangarara
25-Jul	Club Teams Event	Havelock Hills
8-Aug	Club	Bluff Hill
22-Aug	Club	Whirinaki
29-Aug	Club	Te Mata Park
12-Sep	Club OY5	Tangoio
26-Sep	Club	Pukeora
2-Oct	WOA Relays	Hydrabad
17-Oct	WOA Frank Smith Trophy	Riverside
31-Oct	Club OY6	Maraetotara
14-Nov	Club Champs	Rochfort Road
28-Nov	Club	Surprise!
4-Dec	6,12hour Rogaine	Central HB
7-Dec	Club AGM	

You can start anytime between 10.30am and 1.30pm at these events. The courses will close at 3.00pm, which means controls will be removed from this time. If still on your course, please return to the finish.

SEE PAGES 13 & 14 FOR A COMPLETE FIXTURES LIST.



FEBRUARY 1999