



Delaware Valley Orienteering Association

**FROM THE  
R PATCH**

**June 2004**

**vol. 27**

**issue 2**



**Fast on land... not quite as fast on water:  
Clem McGrath, Daria Babushok and Vadim Masalkov  
try their hands (and feet) at Canoe-O.  
See story and more photos on pages 26-29.**

The **Delaware Valley Orienteering Association** is a non-profit organization founded in 1967 for the purpose of providing education and organized events in the support of recreational and competitive orienteering in New Jersey, Delaware and southeastern Pennsylvania. **DVOA** is a Mid-Atlantic regional member club of The United States Orienteering Federation (USOF) and the International Orienteering Federation (IOF).

Inquiries about orienteering should be sent to **DVOA**, 14 Lake Drive, Spring City, PA 19475-2721, or use the **DVOA** telephone hotline (610) 792-0502 ( 9 a.m. to 9 p.m. EST) or e-mail at Frankdvoa@aol.com

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2008	Bob Gross	610-404-1185	2668 Plow Rd, Birdsboro, PA 19508
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The United **States Orienteering Federation** membership entitles you to reduced rates at national events, national ranking points for "A" class participants, and receipt of **Orienteering North America™** 8 times a year. Contact **DVOA** secretary for membership forms and information on **nationally sanctioned two-day events**.

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**"Notes from the Briar Patch"** is DVOA's official newsletter. It is published four times a year and is sent to currently enrolled members. Its purpose is to communicate information and serve as a forum for the exchange of ideas and opinions. Articles and letters are welcome and should be sent to the **Briar Patch** editor, who retains the right to print, edit or reject submitted material on the basis of its appropriateness to this publication and space limitations.

**DVOA** Hotline: 610-792-0502 (9 a.m. to 10 p.m. EST)

Visit **DVOA** on the world-wide web at <http://www.dvoa.org/>



## PRESIDENT'S CORNER

The "spring" weather had me looking twice at the calendar to make sure I wasn't in a time warp or dreaming. From Late April and during most of May, it seemed like we did a fast-forward from early spring with cool temps right into the hazy, hot and humid weather of July and August. At several events I found myself drenched in sweat and sometimes struggling to move along.

This year's orienteering season is well underway, and we've had successful events on venues in Maryland, New Jersey and Pennsylvania. I always find it fascinating to hear the stories that get told after an event. While I was not in attendance at the Brandywine event run by Mark Cornish, there was a story. According to some in attendance, there was a control surrounded by raging floodwaters in what is mapped as an intermittent stream. Okay, maybe this story gets embellished a little each time it gets told. The point here is each event is unique and different and carries the potential of creating one or more stories.

A variety of events have already gone into the DVOA's history books. Last month DVOA hosted the Mid Atlantic Scout Orienteering Championships or MASOC. This marks the 15<sup>th</sup> year that Ed Scott has directed this event. As in previous years, the event was a huge success and came together with the precision of an A-event thanks to the talented help of many club members. In early June, Steve Aronson ran a Canoe-O event at French Creek. Messages on the e-Board following this event indicated everyone taking part had a good time. Going back a little further, remember the event held on February 29<sup>th</sup>? The Valley Goat was a huge success, and many of us look forward to the next one in four years.

This variety of events is all made possible by a very creative bunch of folks collectively known as the DVOA membership. This creativity shows at each event. The event directors and course designers do a great job of providing the rest of us with new and exciting ways to enjoy the sport. This could be something as simple as starting courses from a location that was previously not used or allowing participants to skip a control of their choice.

I'll close with a request. We need to fill an open position in the club organization. The role we're looking to fill is volunteer coordinator. This person would recruit people to help at local events, a job now performed by event directors. Our expert Webmaster is developing a web-tool to help identify potential event helpers. If anyone's interested in this position, let me know.

See you in the woods!

*Ralph Tolbert*

**Remember when:**

*A new feature in the Briar Patch. Here Mark Frank remembers DVOA's first A-event. If any other of you would care to write a recollection of some event especially memorable to you — maybe a "way-back-when" or a "first-time-we-tried-it" account — we'd like to hear from you. Send your recollection to The Briar Patch Editor, Nancy Sharp, 3439 Fairfield St, Laureldale, PA 19605, or email to njsharp@aol.com*

## **DVOA's First A-Event: Recollections of Mark Frank**

When I came to DVOA in 1978 I was fortunate to be taken under the wing of the MacMullan family, and I spent time traveling with them to national and local events. Hugh, or "Mac" as most of us know him, had a plan to make the club much larger. The MacMullans were very involved at the time, but Mac said to me, (paraphrased) "Mark, I want this club to be so large that some day I will be able to come to events and no one will know who I am." I think I laughed pretty hard at that piece of the discussion, but listened to what he thought was needed. One central point was we needed a sense of identity and something to bring us together. The MacMullan family gave us the first bunny and T-shirts. He tried to bring events up to USOF standards.



*Mark Frank...a  
'few' years ago*

We saw the opportunity to host a national event as another focal point to develop a group spirit and more teamwork. I remember we tried to get approval at a meeting but lost. The next year--I believe it was 1980--we stacked the votes and won approval by one vote. John Overton and I volunteered to direct the event since both of us had experience running some parts of a national event while at IUP. We needed to decide where to hold the event, and we picked French Creek State Park. John and I and I am not sure who else walked almost all the currently mapped areas of FCSP except the area of FC Central (southern part). We also walked the Birdsboro reservoir (the map Ed Scott is working on now). We decided that FCW was the area best suited for the event because of the road borders, facilities and possible start/finish sites.

To get off the ground we needed funds. We convinced the club to raise map fees from 50 cents and one dollar to higher rates. I put a request in to USOF for a \$3,000, loan which was unheard of at the time. They could not imagine why we needed \$3,000 for an approximately 15 sq km map. USOF did agree, however, and lent us the money. I believe John found Steve Templeton as a possible mapper through an A event. Steve was from England and working on his doctorate at MIT. He agreed to do the mapping; I agreed to put him up at my apartment. My favorite recollection of Steve was his quiet nature and how hard he had to work to convince me that we should map charcoal terraces. I had to have him take me out and show me. I had never seen them on maps before, and I had been attending nationals around the country since 1975. Steve showed me the feature, and I think my reaction was...Steve, it's just dirt! But he did convince me, and brown triangles in DVOA land had their birthdate determined.

In addition we had to build a budget and buy new equipment. We based our expenses on the thought that we would have as many as 500 people attend, just to break even.

I remember getting a call about eight months into the project from USOF telling me that

they would now be charging us 17 percent interest on the loan from the time they gave us the money. I remember all the hassles with trying to get the USOF leadership to keep the original terms with no avail. I finally called Don Davis, Peter Gagarin and one other person and they gave me the best advice: Keep the money, get the map done, focus on the event, pay back the \$3,000 and ...ignore all other comments.

I remember buying our first course printer and taking it to the Meyers to show them how to start using it. They obviously soon became the experts and taught me many new things about the printer. The maps were put together at the MacMullan house. Howard and Allison Frysinger, Bob Foster, Cynthia Overton and a few others staffed registration. I wanted to be the first to offer call-in registration. We were surprised at the people who used it.

The registration crew came down with the flu, and John and I help staffed registration on Thursday and Friday at Howard and Bob's rented old farmhouse with little to no sleep. We did some strange things like calculating stats on course attendance in the wee hours of the morning when everything we did was either funny or strange. I remember someone in the start crew yelling to me about midnight Thursday evening/Friday morning (two hours after the final deadline) that a phone call had come in from Germany and someone still wanted to register. I asked them to get a name; they came back with Ron Pontius. I told them to tell him jokingly that Mark Frank said "NO." Then we let him register. Ron was in the Army in Germany but had been at CMU when we were at IUP. We not only had a large showing from North America but we also had Swiss, German and British national champions in attendance. On Friday before the event we had 820 pre-registered. We had "only" about 710-720 show up.

Rick Jensen and Doug Whitney set the courses. There was some controversy on height of control placement but the courses stood thanks to Peter Gagarin

I remember we had over 300 people for dinner in the old dining hall across from the park office (the dining hall is gone now). The park helped us bring tables from all over the park to fill the dining hall. It was a great dinner, but I fell asleep face first in my food. John and I both received a wonderful hand-made plaque from the Edwards family that I cherish as much today as I did that night when the club presented it to us. My parents were in attendance and finally realized that orienteering was a real sport and that the sport I loved meant so much to others, too.

We had a fiddler and square dance at the Scott's Run dining hall that went on until late, and many people commented to me on Sunday what a wonderful time they had at the dance. We filled most of the buildings at two camps to capacity for overnight sleeping.

I have a lot more, but this is a start. I would like to pull the brochures and make sure that those involved get credit due them...so many put in great effort and the event still stands today as one of the largest nationals in USOF history. Mac's plan came together and shortly after our success with USOC'82 we were able to vote in the process of pre-marking maps, uniforms were ordered...our club was beginning to believe big is not all that bad and that NEOC could be passed in size some day. When I tell club members today about the event or my early days in the club, most say "Mac who?" or "Who are the MacMullans?" Now I find that very strange but true to Mac's word.



*Mac Who?*

# O-Puzzle by Jean O'Conor

1	2	3	4		5	6	7	8	9		10	11	12	13
14					15						16			
17					18						19			
20				21						22				
23			24			25			26					
27					28				29		30	31	32	
			33			34	35	36			37			
38	39	40		41						42		43		
44			45		46						47			
48				49					50		51	52	53	
			54			55	56	57		58				
59	60	61				62			63			64		
65					66						67			
68					69						70			
71					72						73			

## Across

1. Fat orienteering sign?
5. Follower of home or dinner
10. Gem of an orienteering friend?
14. \_\_\_ the Explorer
15. Duncan or Earl
16. Bunyan's blue ox
17. Composer Satie
18. Awkward
19. Despicable
20. Parisian purse
21. Charged area with orange and white flags?
22. Helper
23. WWII acronym
25. Breastbones
27. Pluses
29. Tempt
33. Superiority complex
37. Spot
38. Crop
41. Speech about orienteering allocation?

43. Daisy \_\_\_\_\_
44. Loser's lunch
46. Skirt additions
48. Computer key
50. Artist of a sort
54. Detonate
58. "There you are" in Paris
59. Fruit container
62. Simulcast of mediterranean orienteering event?
64. Calendar abbreviation
65. Emerald \_\_\_\_\_
66. "Get \_\_\_\_\_ on!"
67. Mine entrance
68. State
69. Fling
70. Spanish noblewoman
71. Outdoor facility for orienteering convicts?
72. Nancy, for example
73. Prophetic male orienteers?

## Down

1. Black Sea port
2. Navigation systems
3. Jong and namesakes
4. Flooring material
5. Dickens illustrator
6. Flooring materials (colloq.)
7. Regarding
8. Native American dwelling
9. Werner Erhard philosophy
10. Avert
11. Compensated
12. Fit
13. Lecherous look
21. Expenditure
22. Cape \_\_\_\_, MA
24. Fixed charge
26. Work the clay again
28. Water-ice
30. Suffix for Calvin or Catholic
31. One is busy in April
32. Storm center
34. 19th letter of the Greek alphabet
35. \_\_\_ a Wonderful Life
36. Canine command
38. Calc. readout
39. Mine product
40. Ward healer
42. Brass
45. Oater
47. \_\_\_ Paolo
49. Type of souvenir
51. Solomonic trait
52. Jerry's pal
53. Wicker material
55. Pizazz
56. Plant life
57. Lincoln's note
59. Greeting for Gaetano
60. Invit. request
61. Hard \_\_\_\_! (sailing command)
63. Cheney, e.g.
66. Fool
67. Stir

# Junior News: JWOC Team Selections

The Junior World Championships will be held this year from July 5-12 in Gdansk, Poland. Team selections were based on USOF ranking points from the 2003 season and ranking points for 2004 up to and including the West Point meet on May 1 & 2. Thanks to Nik Weber for taking the time to run the 2004 interim rankings so that we could offer some additional spots to other juniors. Final team selections were made by a committee comprised of Clare Durand, USOF VP for Competition; Jeff Saeger, Team coach; and Rick Worner, Junior Team Administrator. The team will congregate in Gdansk at the end of June for a training camp prior to the event. They will be wearing uniforms from Trimtex that were sponsored and obtained from Scarbrough Orienteeing. Special thanks to Joe Scarbrough for his continued support of our national teams.

This year's team will be coached and supported by former JWOC Team members Ross Smith and Samantha Saeger.

## 2004 TEAM MEMBERS

### BOYS

Leif Anderson SAMP  
Robbie Paddock NTOA  
John Frederickson HVO  
Mike Dunham ALTOS  
Andrew Komm USMAOC  
Frankie Worsham NTOA  
Marty Hawkes-Teeter EMPO

### GIRLS

Hillary Saeger NEOC  
Viktoria Brautigam WCOG  
AnneLiese Steuben UW  
Siobhan Flemming UNO

Michael and Andrew had to decline their positions because of prior commitments. This is the largest team we have sent in recent years. USOF picked up the cost of uniforms and entry fee, but the students and their families had to cover the rest of the expenses. Contributions are still very welcome to support the team and should be mailed directly to USOF (see inside of front cover for address). Thanks to all of our current supporters. The team would like to pay special thanks to Janet and Dennis Porter of DVOA for all of their fundraising efforts on behalf of the team and to Liz Kotowski for securing uniforms and jackets.

Good luck to this year's team.

## Solution to last issue's puzzle

Thanks to Maryann Cassidy, Caroline Ringo, Sandy Fillebrown, Anne Bullitt, and Robert Buraczynski for their comments and congratulations to all who solved "Cryptic Features":  
1.Charcoal platform 2.Reentrant 3.Rootstock 4.Boulder field 5.Vegetation boundary 6.Depression 7.Thicket

For this issue's puzzle "O-Cross", send solutions for the clues in bold print to [opuzzle@ksclick.com](mailto:opuzzle@ksclick.com) **Your comments, suggestions, and questions are also invited.** If you wish, you may email your solution to [opuzzle@ksclick.com](mailto:opuzzle@ksclick.com). The solution and the names of the solvers will be published in the next issue of the *Briar Patch*.

## A report from DVOA's A-event coordinator, Randy Hall

**A event in Harriman, New York (Hogencamp/Rockhouse) Oct 2-3.** Event director: Mark Cornish; Course setter: Karl Ahlswede. I believe all key positions have been filled. Mark is still looking for volunteers to help at these positions: start, finish and others. You can contact Mark by phone at 610-404-0317 or via email at Cornish6@aol.com

HVO recently put on an excellent meet in the same park (on different maps); we would be doing fine to equal the quality of their meet. If you've never been here, this is a chance to experience world class orienteering terrain in a beautiful fall setting (maps were site of the '93 World Orienteering Champs), so mark it on your calendar. Information is on dvoa.org.

**A event and Long O champs at Fair Hill, Nov '05,** has been sanctioned, and championship awarded by USOF. Fair Hill is a new map in the northeast corner of Maryland, near Newark, Delaware, and the White Clay Creek map. Event director: Ron Wood, Course setters: Tom Overbaugh and Ralph Tolbert. Day 1 will be classic, day 2 will be the long O champs. There will also probably be a sprint race on Saturday (winning time, 12 minutes), possibly sanctioned as an A meet. This has yet to be determined.

The big issue with this meet presently is that the exact date has not yet been pinned down, due to park constraints (the issues are scheduling against hunting and equestrian events, and the park's policy of scheduling not more than one year in advance). This will be up to the technical team working with the park to pin down a date as soon as is possible, and notifying USOF.

There is nothing else that I am aware of in the queue. I had in mind to look at bidding the rogainie champs in '06, but have dropped the ball in looking for terrain, so this will probably not happen, unless someone else wants to look for terrain this summer. Any championship bids for '06 should have paperwork in by the end of this year. Any regular A meets for '06 should have paperwork started sometime in '05.



### DVOA's grapevine

*If you have any news of interest to DVOA members—birth of a baby, a new address, a son or daughter off to college, an engagement or wedding, a milestone anniversary—we'll gladly print whatever space permits. Send the information to the **Briar Patch** editor, Nancy Sharp, 3439 Fairfield St, Laureldale, PA 19605, or by e-mail to njsharp@aol.com*

Chris Gross recently graduated from West Chester University with a major in geography and urban planning; he plans to attend graduate school in the fall at the University of North Carolina.

Congratulations to Mark and Connie Cornish. Their son Chuck and his new wife Shannon are new parents of Ellie, making Mark and Connie grandparents!

Congratulations, too, to Carol DeWolf, who was recently elected supervisor in Westtown Township. John should see her again in about four years, when her term expires.



# Hawk Mtn Scout Reservation - Mar 14

Event Director: Dave Prine

Co-Director: Mark Cornish

Course Design: Mark Cornish

Co-Design: Dave Prine

Pl	Name	Class	Club	Time	<b>GREEN / 4.75km / 105.0m / 13 ctrls</b>				
<b>WHITE / 2.23km / 45.0m / 10 ctrls</b>					1	Guy Olsen	M45	DVOA	?????
1	Andria, Joseph, Donovan	G3	T-343	49:47	2	Michael Sandstrom	M18	HVO	36:46
2	Stephanie Zimmer	F12	DVOA	93:59	3	Eain Schirum	M16	HVO	39:20
<b>YELLOW / 2.10km / 50.0m / 9 ctrls</b>					4	Hunter Cornish	M16	DVOA	43:03
1	Aniko Ottohal	F0		33:58	5	Brian Berg	M35	DVOA	50:25
2	James Wenger	M21		34:40	6	Erik Eddy	M18	DVOA	52:48
3	Jose, Patrick, Jordin	G3	T-330	38:31	7	Csaba Tisettarto	M35	HVO	53:42
4	John Cox	M55	DVOA	49:54	8	Ralph Tolbert	M50	DVOA	54:20
5	Cub Pack 105	G14	DVOA	50:57	9	Rob Wilkinson	M50	DVOA	57:21
6	Ted Franchetti	M0		52:56	10	Bob Gross	M45	DVOA	60:07
7	Sam, Chris, Eric, Dan	G4		64:29	11	Ron Wood	M60	DVOA	60:53
8	George Yarnell	M55	DVOA	68:11	12	Samantha Glazier	F21	DVOA	71:10
9	Christine, Vaughn, Nowell Quinter	G3		94:49	13	Julie Keim	F21	DVOA	72:09
10	James McBride	G2		111:29	14	Charley Parker	M50	DVOA	72:13
11	Julissa Rosado	G2	DVOA	161:23	15	Bill Shannon	M65	DVOA	92:13
<b>ORANGE / 4.70km / 80.0m / 15 ctrls</b>					16	Bob Sandstrom	M50	HVO	92:29
1	Blake Stoffers	M40	DVOA	59:50	17	Marilee Ball	F50	DVOA	94:28
2	Audra Supplee	F45	DVOA	75:40	18	Richard Eddy David Evans	M45 M40	DVOA DVOA	116:21 DNF
3	Colin Tworek	M45	DVOA	90:11	<b>RED / 7.68km / 210.0m / 23 ctrls</b>				
4	Andy Lee	M14	None	93:23	1	Mihai Veres	M40	DVOA	52:43
5	Dave Cramer	M40	DVOA	94:38	2	Wyatt Riley	M21	DVOA	56:28
6	Brian Kroener	M18	T-529	98:33	3	Andras Revesz	M40	DVOA	61:37
7	Roger / Linda Mills	G2	DVOA	101:26	4	Vadim Masalkov	M35	DVOA	64:40
8	Troop 625	G5	BSA	132:33	5	Mark Cornish	M45	DVOA	68:39
9	Pat Keim	F50	SVO	161:48	6	Steve Tarry	M50	DVOA	71:43
10	Don Dunkers	G2	Ind	175:25	7	Brian Supplee	M45	DVOA	80:36
<b>BROWN / 2.93km / 105.0m / 11 ctrls</b>					8	Mike Ball	M50	DVOA	85:48
1	Mitch Zimmer	M45	DVOA	52:04	9	Jon Prine	M20	DVOA	86:35
2	Roger Broome	M40	DVOA	64:12	10	Ben Summers	M45	DVOA	106:20
3	Karen / Jen Grafman	G2	DVOA	64:57	<b>Event Totals</b>				
4	K&G Kohler	G2	DVOA	112:11	Total Maps: 56				
					Total Runners:				

## Attention Juniors!

DVOA will make grants of up to \$150 to aid juniors (persons under 21) who are interested in attending A events, international competitions or training camps. The grants are not based upon one's competitive orienteering skills, but anyone seeking a grant should have demonstrated his or her interest in orienteering, not just by participation at events, but also by having shown a willingness to help out, whether by posting results, setting up String O courses, giving instructions or being a meet director.

Anyone interested in a grant should write to the club president (Ed Scott), providing details about themselves, the use they intend to make of the grant, the amount needed and the work they have done for the club.

# Nockamixon State Park – March 21

## Event Director: Janet Porter

Since we had just done a full set of courses at Nockamixon late last fall, we felt that we wanted to do something a little different this spring. But we were unsure until I realized that I was going to need foot surgery, which took me out of the picture completely. Also the fact that the event was scheduled for the middle of March, which can be a very tricky when it comes to weather and the turnout you get at the event, helped us to decide to do something different.

Since we have a ton of DVOA maps (that's what happens when a family of four goes orienteering regularly for a couple of years) we decided to do a score-O using pieces of DVOA maps. These map pieces were cut into four different geometric shapes so that someone who didn't know DVOA maps very well could also participate in the score-O. We hung 32 controls with these map pieces on them. The DVOA maps were broken down into categories, such as the four French Creek maps, or the MD, DE, and NJ maps. If a runner could locate all of the map pieces in a category in the 90-minute time limit of the score-O, they earned more points. We also had some bonus map pieces from maps of neighboring clubs that were worth more.

As the event neared, we were still very concerned about the weather as winter was still hanging around. The Monday before the event the long-range weather report was calling for snow on Friday: oh no! As the week went along, the report of snow did not go away; so Denny took a day off from his business and hung a number of the controls on Thursday. Sure enough we got a snowstorm on Friday, bringing us enough snow to close the local schools for the day, about six inches.

By the time Sunday morning arrived, the snow was all gone but the park was one big muddy mess and very, very wet. Even the people going out on the white and yellow courses were told to expect wet feet as a number of the trails were also waterways. Considering the weather conditions and the time of year, we had an okay turnout. Everyone who participated in the DVOA map pieces part of the score O had a good time and came to realize how little they knew about ALL of the DVOA maps.

A special thanks goes out to:

- Steve Aronson, who helped Denny finish hanging the controls on Saturday;
- Sharon Seigler, who came out Sunday to help with the start and finish for the white and yellow courses;
- Charlie Robinson and Guy Olsen, who did most of the scoring for the score O (which they will never volunteer to do again I'm sure);
- Mark Cornish and the adventure crew for helping Denny;
- Charlie and Guy for helping pick up the controls at the end of the day.

Pl	Name	Club	Class	Time
<b>WHITE</b> 2.91 Km, 40m climb, 10 controls				
1	Rich, Tracy, Nick, Emily, Maggie Giannini	GS1717	G5	38:50
2	Isabel, Kristen Mccarthy	GS1717	G2	43:59
3	Catherine, Angelina, Damian, Cristrian, Refice	GS1717	G4	46:10
4	Samantha, Maria, Bill, Nicholas Evans	GS1717	G4	47:40
5	Bret Thompson, Amie Swanson, Michael Spelman	GS1717	G3	51:37
6	Steven, Sara Fall	GS1717	G2	52:56
7	Amanda, Jeremy, Jon, Gail Wolfgang	GS1717	G4	54:18
8	Allison, Donna, Brenna, Mark Terry	GS1717	G4	61:41
9	Stacy, Mary Keba	GS1717	G2	62:42
<b>YELLOW</b> 3.29 Km 40 M climb, 10 Controls				
1	Bruce Mitchel		G2	28:55
2	Bob Burton	DVOA	M14	31:40
3	Tim Gilpatrick	DVOA	M-Open	32:44
4	Art Bond	DVOA	M-Open	39:17

continued on next page

# Core Creek Map - March 27

Event Director: Timothy J. Marino

Course Design: Sean Black & Chris Quaglia

As we set up the event and placed all the control points, the skies were heavy with rain. It looked to be a dismal day. However, as 10 AM came closer, the rain stopped and the sky lightened. By noon we had clear, blue skies and warm weather.

Most of the folks who attended our White and Yellow event were members of Bucks County's Scout groups. Of the 56 people who ran through beautiful Core Creek Park, only 13 were not Cub or Boy Scouts.

We were honored to have Caroline and Kent Ringo complete our Yellow course. Caroline and Kent are two folks who did the original fieldwork for the Core Creek map

Also helping out at the event was Michael Thomas, a member of BSA Troop 132, whose Eagle Scout project was to place a permanent O course at Core Creek.

Those that assisted in this event were: Jim Leh, Billie Jo Miraski, Lori Parker, Rich Parker, Michael Thomas, Sean Black (Scout - Course designer) and Chris Quaglia (Scout - Course designer)

*Timothy J. Marino Sr.*

Scoutmaster, BSA Troop 132  
Bucks County Council

Pl Name	Club	Time		DVOA	
<b>WHITE</b>					
1 Troop 102 – Team Three	Scout	35:54	2 Troop 132	DVOA	60:24
2 Pack 132 – Team One	Scout	26:14	3 Troop 102 – Rob Mayer	Scout	63:40
3 Pack 132 – Team Two	Scout	38:01	4 Pat Kiem	DVOA	72:03
4 Pack 132 – Team three	Scout	39:24	5 Kent Ringo	DVOA	75:22
5 Margaret Phan	None	39:33	6 Sharon Black	None	78:50
6 Pat Wilkinson			7 John Kalick	DVOA	82:28
			8 Addison Cole	None	95:54
			9 Troop 102 – Team two	Scout	99:45
			10 Pack 46 – Team One	Scout	101:22
			11 Caroline Ringo	DVOA	102:58
			12 Pack 46 – Team Two	Scout	104:09
<b>YELLOW</b>					
1 James Leh Jr.	DVOA	48:52			

## Nockamixon - cont'd from previous page

5 Pat Burton	DVOA	F	41:00	6 Chris King	400
6 Fred Huntington	DVOA	M	41:30	7 Charley Parker	340
7 Keough Family	DVOA	G5	53:04	8 Dave Cramer, Brigitt Burbank	300
8 Jason Agrout, Tasha Palacio				9 Kevin Frankowski	300
Jayco	PSD	G3	100:00	10 Jason, Jayco, Enock, Jessica	280
9 Jennifer Lewis, Durrell				11 Deb Samans	240
Whitmore, Omfern	PSD	G3	DNF	12 Baker Bell	220
10 Johnson, Dawn Cheng,				13 Chris, Dwayne, Dawn Chang	180
Dwayne Hill	PSD	G3	DNF	14 Hunter Cornish	100
11 Emock Burgos, Jessica Colon	PSD	G2	DNF		
<b>Score-O: Shapes / 32 Controls</b>					
Pl Name	Club	Points		Pl Name	Club
1 Patrick Shannon		700		1 Guy Olson	HVO/DVOA
2 Ury Backiev	CAOC	575		2 Rob Wilkison	DVOA
3 Ron Cook		540		3 Mark Cornish	DVOA
4 Mihai Veres		515		4 Julie Keim	DVOA
5 Bill Shannon		495		5 Erik Eddy	DVOA
				6 Larry Geif	
				7 Pat Burton	DVOA
					60

# Colliers Mill Wildlife Mngt Area - March 28

## Event Director and Course Designer: Bob Burg

Let me tell you the story of how this event unfolded. After studying the map, I wanted the courses centered around the beautiful lake area on the southern part of the map. Colliers Mills offers all the classic pineland beauty but also its legendary flatness. So with minimal topography and lots of open fields and basically featureless white woods in the center of the map, the dilemma lies in how to make the longer courses more than simply runners' courses. I love the process of learning how to design fair and challenging courses, so I've been smart enough to consult extensively with Eric Weyman, who more than matches my passion for this sport. We spent several late evenings on the phone, with Eric making plenty of suggestions to improve my original plans and then fine-tuning them after field-checking (along with Rick Slater's vetting suggestions).

Curious to see our new computerized map-printing process, I got the courses to Sandy Fillebrown, who did all sorts of computer stuff in my absence to accurately transfer the courses to computer. And then, even with the last-minute refinements I asked for, we produced all the maps in about 90 minutes with the computer doing all the work! Ahh, the wonders of technology.

The weekend before the event, Mike Metzger, Rob Favorite and Rick Slater joined me to hack open the bramble-infested paths across the dikes between the lakes, and to give their best advice and help in making the washed-out footbridge crossings safe for White and Yellow navigation. Then the day before the event, Rick, Rob and I hung controls. All was ready for the gorgeous 60-degree sunny day forecast all week.

But of course it turned cloudy, raw, and windy Sunday morning (apparently Bucks County got the day we had been expecting)—a fine day for running courses, but a little tougher for running an event. So special kudos to all the volunteers, especially Caroline and Kent Ringo for avoiding hypothermia at the Registration table while remaining as cordial and helpful as ever. I started the day by burying my car up to its hubcaps in the sandy area intended for parking, where it remained the rest of the day, an ominous warning to anyone foolish enough to venture there. Needless to say, we switched parking to more solid ground right next to registration and finish, which turned out to be a much better location anyway.

Being the first to arrive, Jerry Smith valiantly tried to help get my poor car unstuck, which only mired it deeper in the sand. So we turned our efforts to orienteering instead. Arriving first and leaving last, Jerry was invaluable all day and was truly co-director of the event. And Rick Slater did some last-minute forestry and carpentry while hanging the last of the controls that morning.

Luckily, participants arrived only sporadically at first, but by late morning, when we had things under control, we had a good turnout for a New Jersey event. The Blue course proved especially competitive with an average one-minute interval between 10 runners or so who all stuck around comparing notes. (And eight or 10 of them kindly muscled my car free in early afternoon. Thanks so much, guys!)

Thanks to our new promotions person Maryann Cassidy and Caroline's leads, reporter Pat Riordan from the local New Egypt newspaper showed up early with enthusiastic daughter Jamie in tow. And after taking down the names of everyone he could find to talk to, Pat and Jamie

**continued on following page**



# Brandywine Creek State Park - Apr 4

Event Director & Course Design: Mark Cornish

Pl Name	Class	Club	Time	GREEN / 5.05km / 165.0m / 10 ctrls				
<b>WHITE / 2.47km / 90.0m / 7 ctrls</b>				1	Rob Favorite	M50	DVOA	71:35
1	Bill McAvoy	G5	58:10	2	Matthew Sargent	M21	DVOA	74:48
2	Robert Frank	M12	DVOA 110:50	3	Bob Fink	M50	DVOA	86:44
<b>YELLOW / 2.70km / 100.0m / 9 ctrls</b>				4	George Tenney	M40	DVOA	90:37
1	Alison Campbell	F14	DVOA 46:47	5	Ed Scott	M55	DVOA	90:53
2	Dale Family	G2	64:36	6	Charles Robinson	M50	DVOA	104:56
	Caroline Ringo	F75	DVOA DNF	7	Rick Wiffen	M50	DVOA	130:38
<b>ORANGE / 4.97km / 140.0m / 10 ctrls</b>				8	Bob Fitcher	M50	DVOA	134:30
1	Andy Green	M35	DVOA 53:30		Richard Eddy	M45	DVOA	DNF
2	Mutu Group	G2	56:10	<b>RED / 7.16km / 200.0m / 13 ctrls</b>				
3	George Teaney	M40	DVOA 128:10	1	Florin Tencaru	M21	DVOA	78:50
4	Scott Weber	G2	DVOA 163:54	2	John Campbell	M45	DVOA	80:49
	Greg Ahlswede	M14	DVOA DNF	3	Karl Ahlswede	M40	DVOA	86:43
	Maryann Cassidy	F50	DVOA DNF	4	Mark Frank	M45	DVOA	93:24
	Tim Gilpatrick	M40	DVOA DNF	5	Brian Supplee	M45	DVOA	93:56
<b>BROWN / 3.90km / 145.0m / 10 ctrls</b>				6	John Wrongway	M45	DVOA	103:15
1	Tim Walsh	M55	DVOA 105:15	7	Hugh MacMullan	M65	DVOA	103:28
2	Chad Duffalo	G2	105:30	8	Robert Buraczynski	M45	DVOA	111:03
3	Stephen Getz	M40	DVOA 122:27	9	Will Kelsey	G21		167:00
	John DeWolf	M40	DVOA DNF	<b>Event Totals</b>				
	Kent Ringo	M85	DVOA DNF	Total Maps: 36				
	Chad Duffalo	G2	DVOA DNF	Total Runners: 65				

# French Creek State Park East - Apr 10

Event Director & Course Design: Charles Robinson

Pl Name	Class	Club	Time	14 Julissa Rosado				
<b>WHITE / 2.22km / 90.0m / 8 ctrls</b>				G2	DVOA		115:12	
1	Payne Thatcher	M12	DVOA 48:18	15	Kenneth Bright	G2	Ind	120:31
2	Chase Crompton	M12	Pack 133 48:18		Sandra Ward	F35	DVOA	DNF
3	Angelina Glick	F12	Ind 53:14	<b>ORANGE / 4.67km / 120.0m / 8 ctrls</b>				
4	Daniel Glick	M10	Ind 54:42	1	Colin Tworek	M45	DVOA	59:22
5	Robert Frank	M12	DVOA 56:09	2	Hunter Cornish	M16	DVOA	68:49
6	Robert Groves	G4	Ind 61:35	3	Billie Jo Miraski	F40	DVOA	84:23
7	Mercer Group	G4	4-H 71:14	4	Tom Galanos	M0	Venture 439	96:27
8	Elaine Dadd	G3	Ind 83:35	5	Mark Kern	M55	DVOA	101:10
<b>YELLOW / 3.05km / 120.0m / 8 ctrls</b>				6	Don Dunkers	G2	Ind	107:52
1	Kim Pelle	M45	DVOA 46:03	7	Zach Kratsas	M16	USOF	109:56
2	Elodie Bochud	F20	Switzerland 51:51	8	Kathleen Geist	F50	DVOA	122:50
3	Tory Ling	F50	DVOA 59:38	9	Mike Bolton	G2	Ind	124:57
4	Josiah Glick	M14	4-H 62:42	10	TJ Galanos	M16	Venture 439	131:35
5	Richard Crompton	M0	Pack 1 68:27	11	Art Bond	M40	DVOA	131:43
6	Mike Wenz	M2	SVO 78:03	12	Brenda Harder	F60	DVOA	133:05
7	Brigit Burbank	F16	DVOA 78:06	13	Tyler Oliver	M16	Venture 439	133:38
8	Robert Frank	M12	DVOA 80:23	14	Timothy Gilpatrick	M40	DVOA	137:58
9	David Dadd	G2	Ind 90:33	15	Norman Melvin	995	Venture 439	138:13
10	Eric Bright	G2	Ind 101:51	16	Constance Snavelly	995	Venture 439	140:56
11	Group Gabbert	G2	DVOA 104:20	17	Jarred Melvin	M16	Venture 439	145:25
12	Cornel Weber	G4	4-H 104:42	18	Dave Cramer	M40	DVOA	152:16
13	Jeremy Morton	M21	DVOA 105:40					

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## French Creek East - cont'd from page 14

19 Bill Banks	G4	QOC	153:32	30 Jeff Hanlon	M40	DVOA	127:59
20 Maryann Cassidy	F50	DVOA	159:08	31 Sue Harford	F45	DVOA	128:49
21 Rachel/Sally Reynolds	G2	DVOA	178:30	32 Evgenia Matveeva	F45	QOC	130:35
Pat Keim	F50	SVO	OT	33 Marilee Ball	F50	DVOA	139:30
Susan Green	F40		DNF	34 Rick Reynolds	M55	DVOA	145:26
Joseph Ward	M40	DVOA	DNF	35 Roger/Andrea Hartley	G2	DVOA	160:57
Brad Miller	M16	Venture 439	DNF	Donna Terefenko	F50	DVOA	OT
				Deb Samans	F50	DVOA	OT
<b>BROWN / 4.26km / 120.0m / 7 ctrls</b>							
1 Pat Pomian	M16	DVOA	51:09	<b>RED / 7.47km / 200.0m / 12 ctrls</b>			
2 Chris McCarty	M18	DVOA	58:36	1 Mark Cornish	M45	DVOA	71:28
3 Dave Darrah	M55	DVOA	59:08	2 Angelica Riley	F21	DVOA	79:03
4 Scott Thatcher	M45	DVOA	71:13	3 Mark Frank	M45	DVOA	79:23
5 H Frysinger	M50	DVOA	76:41	4 Tom Overbaugh	M40	DVOA	81:50
6 Marie Louise Bochud	F55	Switzerland	82:20	5 Karl Ahlsweede	M40	DVOA	88:37
7 Jared Snyder	M16	DVOA	90:01	6 Jim Rayburn	M40	DVOA	90:16
8 Fred Huntington	M60	DVOA	95:16	7 Sandy Fillebrown	F50	DVOA	100:23
9 Jane Nocera	F55	DVOA	99:31	8 Mikhail Matveev	M45	QOC	103:51
10 John Furlong	M21	DVOA	101:03	9 Matthew Sargent	M21	DVOA	112:56
11 Ken Miraski	M50	DVOA	107:04	10 James Snyder	M18	DVOA	120:04
12 Peg Edwards	F65	DVOA	107:17	11 Ben Summers	M45	DVOA	121:15
13 Dawn Britton	F35	DVOA	119:29	12 Jon Neely	M35	122:55	
14 Sheryl Meyer	F50	DVOA	123:22	13 Udaya Bollineni	M21	DVOA	123:22
15 John Williams	M65	DVOA	123:45	14 Maria Matveeva	F20	QOC	147:42
16 Merle Kohn	M65	DVOA	145:44	15 Steven Getz	M40	DVOA	158:46
17 Roger Martin	M60	DVOA	151:38	16 Justin Snyder	M21	DVOA	222:43
18 Roger Broome	M40	DVOA	175:35	<b>16 Maps / 16 Runners</b>			
Tim Sessions	M45	DVOA	DNF	<b>BLUE / 9.41km / 265.0m / 17 ctrls</b>			
Russ Carlson	G2	QOC	DNF	1 Randy Hall	M21	DVOA	75:48
<b>GREEN / 5.63km / 170.0m / 9 ctrls</b>							
1 Vadim Musalkov	M35	DVOA	48:40	2 Clem McGrath	M21	DVOA	81:06
2 Wyatt Riley	M21	DVOA	53:18	3 Florin Tencariu	M21	DVOA	87:55
3 Rob Favorite	M50	DVOA	64:51	4 Florian Bochud	M21	CA ROSE	94:40
4 Ron Bortz	M50	DVOA	67:00	5 Dave Pruden	M21	QOC	96:24
5 Bob Meyer	M50	DVOA	68:13	6 Mike Ball	M50	DVOA	127:30
6 Larimer & Martin	G2	DVOA	73:08	7 Francis Hogle	M60	DVOA	130:55
7 Bob Gross	M45	DVOA	74:59	8 Brian Supplee	M45	DVOA	131:24
8 Bob Burg	M55	DVOA	75:22	9 Valerie Meyer	F45	DVOA	211:50
9 Ralph Tolbert	M50	DVOA	80:54	10 White & Swartz	G2	DVOA	253:47
10 Ed Scott	M55	DVOA	83:06	11 McGinnis & Cogit	G2	Ind	265:43
11 Dale Parsons	M50	DVOA	83:19	<b>11 Maps / 13 Runners</b>			
12 Gary Dettinger	M40	SVO	83:56	<b>Event Totals</b>			
13 Erik Eddy	M18	DVOA	84:21	Total Maps:	133		
14 Bob Fink	M50	DVOA	84:29	Total Runners:	157		
15 Blake Stoffer	M40	DVOA	85:12				
16 Fred Kruesi	M50	DVOA	87:32				
17 Julie Keim	F21	DVOA	88:11				
18 Daria Babushok	F21	DVOA	89:12				
19 Ed Niemann	M5	DVOA	90:15				
20 Mary Frank	F45	DVOA	92:25				
21 Maurice Bochud	M55	DVOA	97:52				
22 Glenn Piper	M40	DVOA	107:36				
23 Tim Walsh	M55	DVOA	111:45				
24 Joe Hamer	M50	DVOA	112:43				
25 John Edwards	M65	DVOA	113:31				
26 Nancy Sharp	F45	DVOA	114:35				
27 Rick Whiffen	M50	DVOA	115:55				
28 Larry Geist	M50	DVOA	116:54				
29 Richard Eddy	M45	DVOA	127:48				

# Evansburg - April 17, 2004

Event Director: Roger Martin & Dave Darrah

Course Design: Roger Martin (W,Y) & Dave Darrah (O)

Consultant: Eric Weyman

Orienteers and fishermen alike enjoyed very balmy weather in mid April to take advantage of trails, attack points, fast-paced Skippack Creek and newly stocked trout at Evansburg State Park. Fortunately for both, the interaction was minimal. Our introductory meet was quite a success, with 119 two-legged and about 12 four-legged orienteers running on 62 maps. A local puppy club, which trains canines as Seeing Eye dogs, used our event to give the dogs, as well as themselves, a chance to romp through the woods. All the groups did quite well on the White and Yellow courses.

The Orange course, aptly named the "Tour de Fence" for the seven fence controls, attracted 33 participants. My favorite fence was the five foot (that's five feet long, not high) one at the south end of the park, but most of the runners didn't even notice how short it was. It stands to reason that in "the heat of competition," it's the control flag, and not the feature itself, that gets the attention.

Many thanks to the always reliable Bob Fink, Johnny Wrongway, Charlie Parker, and anyone I may have missed for their work at Registration, Start and Finish, and thanks to Eric Weyman for his contributions to the design of the Orange course.

*Dave Darrah*

Pl	Name	Class	Club	Time				
	<b>WHITE / 3.90km / 45.0m / 12 ctrls</b>				16 Girl Scout Troop 513 #1	G2		135:12
					17 Ashley Rurode	G2		135:39
1	Wyatt / AJ Riley	G2	DVOA	36:40	18 Bernadette Iulicucci	F30	DVOA	161:00
2	Juliana / John Swaren	G2	DVOA	55:46	Pack 87 - David C	G2		DNF
3	Kurt Christie	G5		75:48	Pack 87 - David B	G2		DNF
4	Kim David	G2		83:58	Pack 87 - Audrey G	G2		DNF
5	Debbie Strnad	G3		90:30	Pack 87 - Jon	G2		DNF
6	Reece Maurer	G2		112:44	Pack 87 - Chris	G6		DNF
7	John Michael Smalley	G2		113:02	Ann Maritey	G7		DNF
8	Damian Weaver	G2		113:39				
9	Nancy Munshower	G2		135:54				
10	Nancy Emes	G5		148:00				
	Lafferty Group	G2		DNF				
	Kathy Urban	F55		DNF				
	<b>YELLOW / 4.90km / 85.0m / 10 ctrls</b>							
1	Joe Maglaty	M45	DVOA	60:32				
2	Cara Anderson	G2	DVOA	60:48				
3	Frankston Group	G2		82:30				
4	Girl Scout Troop 869	G3	DVOA	92:29				
5	Marylynn Boone & Sandy Marshall	G2		100:58				
6	Norm Clayton	G2		101:18				
7	Don & Barbara - Mag Error	G2	DVOA	101:48				
8	Jaeger Family	G2	DVOA	103:32				
9	Girl Scout Troop 513 #3	G2		106:03				
10	John Will	G2		110:30				
11	Read/Rebecca Howarth	G2	DVOA	115:00				
12	Kraft Group	G2		118:33				
13	Becky Graham	G2		124:23				
14	Bob Boone	G2		126:00				
15	Girl Scout Troop 513 #2	G2		133:25				
					<b>ORANGE / 5.80km / 100.0m / 13 ctrls</b>			
					1 Wyatt Riley	M21	DVOA	44:54
					2 Angelica Riley	F21	DVOA	49:30
					3 Blake Stoffers	M40	DVOA	53:08
					4 Bob Fink	M50	DVOA	64:00
					5 Ken Wolff	M35	DVOA	79:54
					6 Ed Hause	M40	DVOA	88:27
					7 Art Bond	M40	DVOA	94:07
					8 Charley Parker	M50	DVOA	94:37
					9 Tim Gilpatrick	M40	DVOA	104:33
					10 Joel Waite	M35		118:31
					11 John Cox	M55	DVOA	120:07
					12 Johnson Group	G4	DVOA	120:24
					13 Brenda Harder	F60	DVOA	124:30
					14 Larry Geist	M50	DVOA	127:30
					15 Gettinger & Herniyak	G2		130:21
					16 Jeremy Morton	M21	DVOA	133:43
					17 Guy Florio	M45	DVOA	134:07
					18 Eric Mayer	M21	ROC	141:00
					19 Ernie Church	M50	DVOA	142:51
					20 Gary Brown	M50	DVOA	157:32

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*Scenes from...*

*MASOC 2004: Mid Atlantic Scout Orienteering Championships*



*DVOA helpers (on right side of the line) Eric Weyman, John Edwards, Ron Wood, and Tim Walsh get Scout participants lined up and ready to go*



*Ed Scott, MASOC event director, gives instructions to the Scouts*



*Above: Several energetic Scouts prepare to head out from the start triangle. Below: Mark Frank congratulates DVOA's own Erik Eddy, member of Venture Crew, on his first-place finish.*

*Karen and Jen Graffman wait to hear the results at MASOC*





*Bob Burg shows a horseback rider the orienteering map of Colliers Mills*

*Scenes from...  
Colliers Mill... and the Mills*



*Geri & Ken Koehler*



*Mihai Veres and Bob Burg check out results*



*Roger & Linda Mills get ready to start at FCC after volunteering at MASOC.*



*Two Scout participants at MASOC show their pink punch cards to volunteers Ron Wood (seated) and Tim Walsh.*

## VF Fatlands - continued from p. 17

21	Deb Katz	F0	DVOA	91:01
22	Brad Hofferkamp	M21	DVOA	93:00
23	Rach Family	G2		93:30
24	Geoff Chamberlain	G2		95:25
25	Katie Markham	G2		100:02
26	Karen/Pete Kispert	G2		106:58
27	Sandra Ward	F35	DVOA	109:00
	Heather Fisher	G2		DNF

### ORANGE / 4.80km / 70.0m / 12 ctrls

1	Matt Hamite	M21		49:02
2	John Coles	M40		62:40
3	Greg Ahlswede	M14	DVOA	69:35
4	Billie Jo Miraski	F40	DVOA	70:44
5	Guy Florio	M45	DVOA	71:10
6	Dawn Britton	F35	DVOA	72:50
7	Joseph Ward	M40	DVOA	73:39
8	Phil Bird	M45	DVOA	76:40
9	Jeff Hanlon	M40	DVOA	77:04
10	Craig Kennerly	M60	DVOA	80:10
11	Andrea Hartley	F50	DVOA	82:04
12	Gregg Davis	M21	DVOA	87:50
13	Maryann Cassidy	F50	DVOA	100:08
14	Tim Gilpatrick	M40	DVOA	105:02
15	Pat Burton	F40	DVOA	106:34
16	Steve Harris	G2	DVOA	106:45
17	K&G Kohler	G2	DVOA	109:20
18	Mike Duffalo	G3		113:50
19	Tim Starn	M6	DVOA	114:29
20	Karen Duffalo	G3	DVOA	115:50
21	Ken Allison	G2		122:00
22	Rick Buchan	G2		125:34
23	George Yarnell	M55	DVOA	127:57
24	Jim McBride	G2		154:20
25	Mark Kern	M55	DVOA	156:10
	Diane Johnson	F45	DVOA	DNF

### BROWN / 4.70km / 55.0m / 11 ctrls

1	Bill Shannon	M65	DVOA	53:35
2	Mary Frank	F45	DVOA	58:17
3	John Edwards	M65	DVOA	59:04
4	Andrew Vose	M40	DVOA	59:26
5	Jean O'Conor	F55	DVOA	63:54
6	Karen/John Ort	G2	DVOA	65:52
7	V. Catmur	F45	HVO	73:06
8	Ken Miraski	M50	DVOA	74:00
9	Jane Nocera	F55	DVOA	76:30
10	Joe Puzo	M45	DVOA	76:30
11	? Hunteerton	M60	DVOA	76:55
12	Tim Walsh	M55	DVOA	85:20
13	Kathleen Geist	F50	DVOA	85:57
14	Sue Harford	F45	DVOA	93:18
15	Barry Landis	M55	DVOA	99:18
16	Deb Samans	F50	DVOA	102:38
17	Donna Terefenko	F50	DVOA	105:18

### GREEN / 6.70km / 75.0m / 16 ctrls

1	R. Catmer	M50	HVO	57:36
2	Ken Wolff & Steve Herzog	G2	DVOA	60:15
3	Bob Burg	M55	DVOA	66:55
4	Mark Frank	M45	DVOA	67:50

5	Rob Favorite	M50	DVOA	70:00
6	Dave Darrah	M55	DVOA	71:48
7	Daria Babushok	F21	DVOA	74:24
8	Ron Bortz	M50	DVOA	79:36
9	Kent Shaw	M55	DVOA	80:18
10	Samantha Glazier	F21	DVOA	83:42
11	Fred Kruesi	M50	DVOA	89:38
12	Sandra McMahan	F21	DVOA	95:38
13	Dave Smith	M50	DVOA	98:18
14	Bob Gross	M45	DVOA	99:05
15	Paul Kusko	M60	DVOA	105:58
16	Joe Hamer	M50	DVOA	107:45
17	Theo Zaharia	M60	DVOA	109:33
18	Steve Aronson	M45	DVOA	110:55
19	Bob Burton	M35	DVOA	111:00
20	Rick Whiffen	M50	DVOA	111:05
21	Roger Hartley	M55	DVOA	113:18
22	Bryan Hoffman & Linda Godfrey	G2		117:37
23	Bob Rycharski	M45	DVOA	123:05
24	Carl Swartz	M40	DVOA	125:32
25	Bill Donohue	M21		126:05
26	Tory Lingg	F50	DVOA	132:25
27	Ann Deiterich	F45	DVOA	133:50
28	John Mason	M60	DVOA	137:20
29	Larry Geist	M50	DVOA	144:57
30	Sharon Siegler	F55	DVOA	154:00
31	Scratch & Sniff	G2		169:36
	Chris King	M35	DVOA	DNF

### RED / 7.47km / 200.0m / 12 ctrls

1	Mark Cornish	M45	DVOA	71:28
2	Angelica Riley	F21	DVOA	79:03
3	Mark Frank	M45	DVOA	79:23
4	Tom Overbaugh	M40	DVOA	81:50
5	Karl Ahlswede	M40	DVOA	88:37
6	Jim Rayburn	M40	DVOA	90:16
7	Sandy Fillebrown	F50	DVOA	100:23
8	Mikhail Matveev	M45	QOC	103:51
9	Matthew Sargent	M21	DVOA	112:56
10	James Snyder	M18	DVOA	120:04
11	Ben Summers	M45	DVOA	121:15
12	Jon Neely	M35	122:55	
13	Udaya Bollineni	M21	DVOA	123:22
14	Maria Matveeva	F20	QOC	147:42
15	Steven Getz	M40	DVOA	158:46
	Justin Snyder	M21	DVOA	OT

### BLUE / 9.41km / 265.0m / 17 ctrls

1	Randy Hall	M21	DVOA	75:48
2	Clem McGrath	M21	DVOA	81:06
3	Florin Tencariu	M21	DVOA	87:55
4	Florian Bochud	M21	CA ROSE	94:40
5	Dave Pruden	M21	QOC	96:24
6	Mike Ball	M50	DVOA	127:30
7	Francis Hogle	M60	DVOA	130:55
8	Brian Supplee	M45	DVOA	131:24
	Valerie Meyer	F45	DVOA	OT
	White & Swartz	G2	DVOA	OT
	McGinnis & Cogit	G2	Ind	OT

### Event Totals

Total Maps:	133
Total Runners:	157

# Willows & Skunk Hollow - Apr 24

## Event Director & Course Design: Tim Walsh

I love the Willows out in Radnor. It is a great place to introduce people to the sport of orienteering. The large expanse of grass in front of the mansion works well for beginners. Skunk Hollow provides an opportunity to get beginners into a wooded area. Even better, this was the first event on a new map. The new map includes the other side of the creek. We included a score-O to allow DVOAers to see what this park offers.

I am indebted to Mike Bertram for helping plot the courses using O-CAD. He and John Edwards updated the old Willows map. On the day of the event, John and Andrea Hartley, Debbie Samans and my wife, Peg, helped. Many of the participants were from a Girl Scout troop. I enjoyed their enthusiasm as they went out on both the white and yellow courses.

The score-O results were:

Dave Prine	5200 points (in 49 minutes)
Craig Kennery	4700 points
Kara Anderson	4700 points
Larry Geist	4100 points
John Iannoli Jr	3800 points
John Ahrens	3700 points
Samans/Hartley	3200 points
Bill Newcom	2400 points

Pl	Name	Class	Club	Time				
	<b>WHITE / 1.60km / 20.0m / 7 ctrls</b>				4	Kendall Jackson & Cathy Gunn	G2	42:17
					5	Stephanie B & Eman	G2	46:00
1	Sally Payton & Rachel Tally	G2		19:45	6	Leigh Jacobs	M45	49:19
2	Stephanie & Eman	G2		20:31	7	Elizabeth, Sally & Abby	G3	54:01
3	Elizabeth Evans & Kendall Jackson	G2		21:30	8	Dougin Walker	G3	DVOA 57:19
4	Steff & Jaime	G2		22:45	9	Lora Regan	G3	60:25
5	Abby Mateson & Liz Grier	G2		22:58	10	Jessica, Rachel & Katie	G3	61:55
6	Courtney Gunn & Jessica Bove	G2		24:32	11	Tamara Thompson	F0	69:10
7	Laura Molin & Katie Looby	G2		26:32	12	Sandra Ward	F35	DVOA 70:02
8	Ashley Nastasi & Jean O'Conor	G2		35:31	13	Mary Brightwell-Arnold & Gerald Arnold	G2	84:42
9	Ana Marie Roca	F0		39:00		Ashley Nastasi & Jean O'Conor	G2	DNF
10	Bunch Family	G3		51:49		Liz, Laura & Jaime	G3	DNF

### YELLOW / 2.60km / 40.0m / 9 ctrls

1	Matt Hamilton	M21	DVOA	29:00
2	Joseph Ward	M40	DVOA	30:20
3	Courtney & Steff	G2		34:40

### Event Totals

Total Maps:	25
Total Runners:	50

## Hay Creek - Apr 24, 2004

### Event Director & Course Design: Ed Scott

### Evansburg - continued from p. 16

21	Maryann Cassidy	F50	DVOA	159:28
22	John/Jared Patota	G2		160:50
23	George Sabachick	M40		163:50
24	Brett Yeagley	G2		170:48
	Chris Zabala	G3		DNF
	Steven Sellet	G2		DNF

### Event Totals

Total Maps:	62
Total Runners:	121

Pl	Name	Class	Club	Time
	<b>YELLOW / 4.65km / 135.0m / 9 ctrls</b>			
1	Klee group	G2		100:10

### ORANGE / 4.40km / 200.0m / 9 ctrls

1	Steve Aronson	M45	DVOA	67:14
2	Tim Walsh	M55	DVOA	93:52
3	Jack Williams	M65	DVOA	106:09
4	Roger Martin	M60	DVOA	117:04
5	Graffman Family	G3	DVOA	123:32
	Sharon Siegler	F55	DVOA	DNF

# Elk Neck State Park - April 25, 2004

## Event Director/Course Setter: Tom Overbaugh

Start and finish for this event were on top of Mauldin Mountain – the large hill located south of the swimming beach area. By using this area, we were able to negotiate a lower use fee with the park to counter some very large fee increases instituted by the state of Maryland this year. Runners enjoyed a nice descent to their first control or two but had to endure the uphill slog at the end of the course. Turnout was about average for a Maryland event. Many of the advanced speedsters were absent, attending the Billygoat race in New England.

Find-of-the-day honors go to Rick Whiffen, who reported to the finish area lugging an old e-punch stand and tattered control. He had found it lying in a reentrant early in the Green course. It turns out this was the long-lost, stolen control from Day 1 of the 2001 Interscholastic Champs. No word on whether the e-punch station was still functional.

Many thanks to my capable crew (especially Maryann, who pulled a double shift at Registration): Dawn Britton, Bob Burg, Maryann Cassidy, Mary & Mark Frank, Robert Frank, Carlos Menendez, John Swaren, Ralph Tolbert, Tim Walsh, Ron Wood.

Pl	Name	Class	Club	Time					
<b>WHITE / 2.60km / 150.0m / 9 ctrls</b>									
1	Anthony Knarr	G2	DVOA	36:20	5	Jean O'Conor	F55	DVOA	101:18
2	Bev/Dave Qusley	G2	FLO	41:40	6	Tim Walsh	M55	DVOA	105:50
3	Dayne Thatcher	M12	DVOA	53:57	7	Brenda/Tammy Grant	G2	DVOA	112:47
4	Robert Frank	M12	DVOA	60:02	8	Ken/Gerry Kohler	G2	DVOA	146:03
5	Jerry Culon	M40	DVOA	60:43		Krista Thomas & Kevin			
6	Betty Jean Philippi	F45	DVOA	104:23		Frankowski	G2	DVOA	DNF
<b>YELLOW / 3.90km / 120.0m / 9 ctrls</b>									
1	Robert Burton	M14	DVOA	49:47	<b>GREEN / 5.60km / 185.0m / 9 ctrls</b>				
2	Alison Campbell	F14	DVOA	50:41	1	Ron Bortz	M50	DVOA	62:12
3	Brenda Harder	F60	DVOA	75:50	2	Robert Hesketh	M40	DVOA	70:12
4	Mike Wenz	M2	SVO	93:53	3	Rob Wilkison	M50	DVOA	78:31
5	Heather Campbell & Jo Brown	G2	DVOA	98:35	4	Rob Favorite	M50	DVOA	79:10
6	Lou Thomer	M45		102:34	5	Ralph Tolbert	M50	DVOA	79:22
7	Becca Fitch & Nate Haugh	G2	DVOA	111:28	6	Bill Shannon	M65	DVOA	80:00
8	Cheryl Coughlin & Brownies 746	G5		126:24	7	Jody Landers	M50	DVOA	82:28
9	Tamara Thompson	F0		144:03	8	Bob Burg	M55	DVOA	83:01
<b>ORANGE / 4.80km / 195.0m / 9 ctrls</b>					9	Kent Shaw	M55	DVOA	88:07
1	Andy Green	M35	DVOA	68:37	10	Mary Frank	F45	DVOA	90:05
2	John T. Ort	M55	DVOA	80:05	11	Ed Scott	M55	DVOA	90:41
3	Kim Pelle	M45	DVOA	81:01	12	Gary Dettinger	M40	SVO	91:16
4	David Klipp	M40	DVOA	85:54	13	Ron Wood	M60	DVOA	94:27
5	C A Young	M35	DVOA	108:09	14	Anne Fitch	F40	DVOA	96:06
6	Karen Ort	F50	DVOA	108:25	15	Jeff Schlaline	M40	SVO	102:44
7	George Teaney	M40	DVOA	113:16	16	Bob Fink	M50	DVOA	111:33
8	Gregg Davis	M21	DVOA	119:49	17	Roger Martin	M60	DVOA	117:44
9	DeWolf Group	G2	DVOA	131:03	18	Jeff Hanlon	M40	DVOA	120:03
10	Pat Burton	F40	DVOA	134:28	19	Eugenia Matveeva	F45	QOC	123:54
11	Leonard Fisher	M45	DVOA	146:04	20	Bob Burton	M35	DVOA	135:54
12	Maryann Cassidy	F50	DVOA	148:07	21	Rick Whiffen	M50	DVOA	138:15
13	Jim McBride	G2	OT		22	Sue Harford	F45	DVOA	141:25
<b>BROWN / 3.90km / 140.0m / 7 ctrls</b>					23	Sam Fisher	M21	DVOA	153:03
1	Scott Thatcher	M45	DVOA	57:28	24	Donna Terefenko	F50	DVOA	166:46
2	Carlos Menendez	M40	DVOA	57:33	25	Jane Nocera	F55	DVOA	170:10
3	Theo Zaharia	M60	DVOA	91:47	26	Rick Buchan	G2		OT
4	Dawn Britton	F35	DVOA	93:37	27	Bryan Butler	M40	DVOA	OT
<b>RED / 7.70km / 270.0m / 12 ctrls</b>					1	Brad Whitmore	M50	DVOA	82:38
					2	Istvan Nagy	M40	DVOA	90:19

continued on page 25

# French Creek Central - May 2

Event Director: John De Wolf

Course Design: Ed Scott

Pl	Name	Class	Club	Time					
<b>WHITE / 3.30km / 70.0m / 10 ctrls</b>					<b>BROWN / 4.00km / 75.0m / 10 ctrls</b>				
1	Michael Riccio	M14	Bday Party	30:28	1	Bob Gross	M45	DVOA 45:57	
2	Erin Pomian	F12	DVOA	44:09	2	Roger Broome	M40	DVOA 60:22	
3	Patrick Monari	M14	Bday Party	45:23	3	Jean O'Conor	F55	DVOA 62:33	
4	Ashlie Huss	F14	DVOA	51:08	4	Barry Landis	M55	DVOA 70:15	
5	Michelle Frank	G2	DVOA	54:28	5	Linda Mills	F50	DVOA 70:27	
6	Michael McWilliams	M14	Bday Party	57:02	6	? Huntington	M60	DVOA 74:14	
7	Devin Turner	M14	Bday Party	63:02	7	Roger Mills	M45	DVOA 83:36	
8	Ian Perkins-Taylor	M14	Bday Party	66:05	8	K&G Kohler	G2	DVOA 92:57	
9	D. Douds	G6		72:35	9	Tory Lingg	F50	DVOA 94:27	
10	M. Miele & C. Srinivassan	G2	Bday Party	84:29	10	Dave Cramer	M40	DVOA 96:59	
11	Kathy Urban	F55		92:54	11	Hyckema/Wilson/Ragunan/Lawrence	G4	NJROTC 97:37	
	Sharon/Peg Edwards	G2	DVOA	DNF	12	Healy/Snow/Galinat/Nissen	G4	NJROTC 113:05	
<b>YELLOW / 3.80km / 70.0m / 10 ctrls</b>					<b>GREEN / 4.50km / 160.0m / 10 ctrls</b>				
1	Eric Frysinger	M14	DVOA	45:52	1	Rob Favorite	M50	DVOA 52:17	
2	Tamara Thompson	F0		46:15	2	Albina Zakrevski	F35	DVOA 54:07	
3	Daniel Miller	M12	DVOA	47:13	3	Blake Stoffers	M40	DVOA 54:30	
4	Francis Miller	M14	DVOA	49:54	4	Erik Eddy	M18	DVOA 55:15	
5	Dan Miraski	M16	DVOA	52:13	5	Kent Shaw	M55	DVOA 56:33	
6	Jonathan De Wolf	M14	DVOA	52:31	6	Bob Gross	M45	DVOA 56:49	
7	Tim Sessions	M45	DVOA	53:03	7	Shawn Duffalo	M0	57:27	
8	Michael De Wolf	M12	DVOA	60:58	8	Ralph Tolbert	M50	DVOA 57:29	
9	Robert Frank	M12	DVOA	66:11	9	Bob Burg	M55	DVOA 58:01	
10	Molly Burbanic	F14	DVOA	75:27	10	Dave Darrah	M55	DVOA 59:49	
11	Jeff Brodeur	G2		76:02	11	Scott Thatcher	M45	DVOA 60:22	
12	Vladimir Goncharuk	G2	DVOA	76:52	12	Gary Dettinger	M40	SVO 62:09	
13	Jamie Hill	F14	DVOA	77:00	13	Dale Parson	M50	DVOA 64:27	
14	Peter Zakrevski	G2	DVOA	77:10	14	Mary Frank	F45	DVOA 65:27	
15	Jane/Chuck Bingham	G2		80:41	15	Jeff Schlaline	M40	SVO 67:33	
16	E. A. & K Crabb	G3	DVOA	88:15	16	Ron Wood	M60	DVOA 68:30	
17	Christine Hertzog	F0		90:23	17	Bob Fischer	M50	DVOA 71:52	
18	Ashley Ramberger	F12	Tr 1102	119:24	18	Ron Cook	M45	DVOA 74:24	
19	Steve Norris	M12	BS TrB	139:50	19	Richard Eddy	M45	DVOA 77:55	
	Brigit Burbank	F16	DVOA	DNF	20	John Edwards	M65	DVOA 89:00	
	Heather Choppin	G2	SVO	DNF	21	Kathy King	F50	DVOA 89:31	
<b>ORANGE / 4.10km / 115.0m / 10 ctrls</b>					22	Nancy Sharp	F45	DVOA 96:01	
1	Pat Pomian	M16	DVOA	38:4	23	Larry Geist	M50	DVOA 97:57	
2	Tim Marino	M50	DVOA	67:45	24	Evgenia Matveeva	F45	QOC 99:05	
3	Billie Jo Miraski	F40	DVOA	69:04	25	Deb Samans	F50	DVOA 110:23	
4	Tim Gilpatrick	M40	DVOA	73:22	26	Roger Martin	M60	DVOA 114:30	
5	Jim Leh	M40	DVOA	75:10	27	Brian Hill	M45	DVOA 124:45	
6	David Huss	M18	DVOA	77:15	<b>RED / 6.30km / 220.0m / 10 ctrls</b>				
7	Phil Bird	M45	DVOA	88:22	1	Vadim Masalkov	M35	DVOA 56:42	
8	Jimmy Leh	M14	DVOA	90:31	2	Brian Supplee	M45	DVOA 66:34	
9	Joseph Ward	M40	DVOA	91:27	3	Chuck Crabb	M45	DVOA 67:20	
10	Maryann Cassidy	F50	DVOA	115:00	4	Jim Rayburn	M40	DVOA 67:35	
11	Brenda Harder	F60	DVOA	119:26	5	Mark Frank	M45	DVOA 67:46	
12	James Wenger	M21		125:31	6	Johnny WrongWay	M45	DVOA 71:34	
13	XXX McDowell	M18	NJROTC	132:08	7	Mike Bertram	M55	DVOA 72:00	
14	Greathouse/McDonald/Varol/Cheh/Huertas	G5	NJROTC	134:08	8	Hugh MacMullan III	M65	DVOA 77:13	
15	Yuri Zakrevski	G2	DVOA	136:46	9	Ury Backiev	M40	CAOC 80:24	
16	Price/Trouches/Dobla/Werner Art Bond	G4	NJROTC	147:26					
		M40	DVOA	DNF					

# Daniel Boone Homestead - May 9

## Event Director & Course Design: Erik Eddy

Notes: Due to abnormally high number of DNFs, all DNFs for this event will be ignored for the purpose of rankings

Pl	Name	Class	Club	Time					
<b>WHITE / 2.95km / 52.5m / 8 ctrls</b>					5	Dale Parson	M50	DVOA	109:06
1	Anthony Knarr	G2	DVOA	45:22	6	Dave Prine	M45	DVOA	121:52
2	Warner Group	G5	None	63:18	7	Ed Scott	M55	DVOA	129:32
3	Robert Frank	M12	DVOA	65:00	8	Scott Thatcher	M45	DVOA	129:54
4	Dayne Thatcher	M12	DVOA	72:20	9	Lev Zakrevski	G2	DVOA	131:56
5	Ashlie/Carol Heiss	G2	DVOA	81:50	10	Kent Shaw	M55	DVOA	149:51
6	Michael Forbes	M55	DVOA	81:54	11	Nancy Sharp	F45	DVOA	152:38
7	Michelle Frank	G2	DVOA	83:49	12	Steven Getz	M40	DVOA	156:18
8	Davis Evans	M40	DVOA	88:11	13	Steve Aronson	M45	DVOA	157:34
9	Betty Jean Philippi	F45	DVOA	126:20	14	Sandra McMahan	F21	DVOA	163:14
	Mitchell Evans	M10	DVOA	DNF		Jane Nocera	F55	DVOA	OT

<b>YELLOW / 3.35km / 55.0m / 9 ctrls</b>						William Kennerly Stacey			
1	Michael Forbes	M55	DVOA	51:46		Goodwin	G2	DVOA	OT
2	Eric Huss	M35	DVOA	88:47		Rick Whiffen	M50	DVOA	OT
3	J Weise	G2		95:13		Bob Burg	M55	DVOA	DNF
4	Cindy Sharo	G2		103:50		David Evans	M40	DVOA	DNF
5	Mark, Jacobo, Parea Rehikon	G2		108:57		Mary Frank	F45	DVOA	DNF
6	Mary Whiffen	F35	DVOA	115:47		Larry Geist	M50	DVOA	DNF
7	Joe Kluchinski	G3		119:27		Roger Hartley	M55	DVOA	DNF
8	Dana Kluchinski	G2		119:29		Barry Landis	M55	DVOA	DNF
9	Deb Katz	F0	DVOA	122:47		Roger Martin	M60	DVOA	DNF
10	Peter Zakrewski	G2	DVOA	126:20		Sharon Siegler	F55	DVOA	DNF
11	Jamie, Lancaster, Tamara Thompson	G2		127:32		Tim Walsh	M55	DVOA	DNF
12	Bruce Klee	G2		144:01		Rob Wilkison	M50	DVOA	DNF
13	Caroline Ringo	F75	DVOA	173:00		Carl Swartz	M40	DVOA	DNF
14	Mary Brightnell	G2		175:35		Jason Nogel	G2		DNF
	Crabb Girls	G3	DVOA	DNF		David Desch	M0		DNF
	Nick and Courtney	G2		DNF		? Davlon	M55	DVOA	DNF
						Lavi Nissim	M21		DNF

<b>ORANGE / 4.16km / 95.0m / 10 ctrls</b>					<b>RED / 7.75km / 140.0m / 15 ctrls</b>				
1	Galina Rokhinson	F35		70:29	1	Karl Ahlswede	M40	DVOA	91:31
2	Greg Ahlswede	M14	DVOA	72:36	2	Randy Hall	M21	DVOA	98:41
3	Matt Prine	M21	DVOA	88:23	3	Brian Supplee	M45	DVOA	103:59
4	John T. Ort	M55	DVOA	89:11	4	Ben Summers	M45	DVOA	119:19
5	Ken Miraski	M50	DVOA	94:02	5	Neil Martin	M21	DVOA	123:54
6	Dawn Britton	F35	DVOA	101:12	6	Johnny Wrongway	M45	DVOA	125:58
7	Tim Sessions	M45	DVOA	103:43	7	Jon Prine	M20	DVOA	141:25
8	Kathleen Geist	F50	DVOA	107:12	8	Hugo Walker	M0	HVO	144:10
9	Karen Ort	F50	DVOA	110:38	9	Udaya Bollineni	M21	DVOA	161:50
10	Graig Kennerly	M60	DVOA	117:20		Janice Cohalane	M0	HVO	OT
11	Phil Bird	M45	DVOA	120:30		Chuck Crabb	M45	DVOA	DNF
12	Brenda Grant	G2	DVOA	122:03	<b>Event Totals</b>				
13	Mark Kern	M55	DVOA	123:39	Total Maps: 89				
14	Gregg Davis	M21	DVOA	132:13	Total Runners: 114				
15	David Hess	M18	DVOA	138:38	<b>French Creek Central - cont'd from p. 23</b>				
16	Tim Gilpatrick	M40	DVOA	147:54	10	Udaya Bollineni	M21	DVOA	88:39
17	Maryann Cassidy	F50	DVOA	175:58	11	Francis Hogle	M60	DVOA	95:40
	Jean O'Conor	F55	DVOA	DNF	12	Mikhail Matveev	M45	QOC	96:03
	Kent Ringo	M85	DVOA	DNF	13	Fred Kruesi	M50	DVOA	104:15
	Smith Refe	M55	DVOA	DNF	14	Steven Getz	M40	DVOA	105:43

<b>GREEN / 5.50km / 130.0m / 13 ctrls</b>					<b>Event Totals</b>				
1	Ron Bortz	M50	DVOA	84:55	Total Maps: 103				
2	G and C Weise	G2		96:26	Total Runners: 133				
3	Ralph Tolbert	M50	DVOA	97:50					
4	Alfiva Zakrevski	F35	DVOA	98:29					



# Tatum County Park (HVO) - May 15

Event Director: Bob Rycharski

Co-Director: Jerry Smith

Course Design: Bob Rycharski

Co-Design: Scout Jeff Kurtz

Pl	Name	Class	Club	Time
<b>WHITE / 1.80km / 30.0m / 9 ctrls</b>				
1	Sparrock/Gross Team	G3	Tr71 T 1	21:15
2	Adrienne Kurtz	F10	T1 T1	24:34
3	Kim/Rodriguez/ McMullen	G4	Pk 331 T1	35:15
4	Isganitis/Davino/ Venhatesuaran	G4	Pk 331 T2	40:27
5	Grossman / Wooley	G3	P185 Den 2 T1	40:52
6	Koehl/Isganitis/Rath/ LoGiudice	G5	Pk331 Team 3	42:23
7	T63 Leaders	G2	T63 Leaders	42:41
8	Pack71 Team 1	G6	P 71 T1	44:23
9	Wood/Rossi/Lauzon/ Liu	G5	P331 T5	44:45
10	Ryola/Onyfryies/ Dale	G4	P331 Team4	45:14
11	P71 Team 2	G3	P71 Team2	45:43
12	Ching/Katzen/Lipson/ Smith/ Xu	G6	Pack 86	47:25
13	J Neves / Corsan	G3	Pk 185 Den6T2	48:18
14	Pack185 Den11	G5	Pk 185 Den 11	49:20
15	Lee/Grier/Two Schoenbergers	G5	Pk 143	49:25
16	Peters/N Neves	G3	Pk 185 Den6 T3	54:36
17	A Neves / Macklin	G3	P185 Den6 T1	58:00
18	Johnson/ Sipos	G3	Pk185 Den6 T4	59:25
19	Crowell/Osborn/Gallina/ Hathaway	G5	Pack97 T1	61:48
20	GST270 Team2	G3	T270 T2	65:43
21	GST270 Team1	G3	T270 T1	69:43

Pl	Name	Class	Club	Time
<b>YELLOW-X / 2.40km / 54.0m / 10 ctrls</b>				
1	Yellow Short	X0	NA	43:42
2	Kunzel Team	G2	T1 leaders	43:42
3	Sparrock/Gross/Brathovde/ Wasakowski	G5	T71 T1	46:12
4	Burrows/ Williams	G3	T180 T1	61:43
5	Fischer/ Singley	G3	T177 T3	72:00
6	Roman/Merritt/ Leshkor	G3	na	83:10
7	C Gosse/B Gosse/Merhige / Findon	G5	T97 & T 1660	83:48
8	Ferro/Ferro/ Candia	G4	T180 T2	84:12
9	Roe/Beauchany/ Valbone	G4	T63 Team1	120:56
	Lyna W/Nina / Nigeria C	G4	T177 Team1	DNF
	James/Matthews/ Muroz	G4	T177 Team2	DNF

Pl	Name	Class	Club	Time
<b>YELLOW-Y / 2.90km / 80.0m / 10 ctrls</b>				
1	T71 Adult Team	G3	T71 T1	57:34
2	Scout Richard Y Ebright	M16	T252	65:36
3	Hrycak/Hoover Team	G2	T180 Team 3	75:48
4	T71 Team 2	G3	T71 T2	93:20
5	T18 T1	G5	T18 Team1	96:30
6	Black Team	G2	T156/P258 T2	98:13
7	Pack 185 Den 2	G4	Pk 185 Den 2/1	100:45
8	T358 Team	G3	T 358	111:12
9	T246 Team 1	G2	T246 T1	122:20
10	Cheesman / Schumacher	G3	T180 Team4	132:51
11	T290 Team	G5	T290 Team1	138:45
12	Burke/Brick / Niederberger	G2	Pk 97 Team 2	146:55
13	Bonforte/Maden/Clifford/			

Pl	Name	Class	Club	Time
	Bauer / Skully	G6	T70 T1	OT
	Hamed/Matt/Jordan / Glenn	G4	T70 T2	DNF
	Gwynn/Leilich / Eggert	G3	T63 Team 1	DNF

Pl	Name	Class	Club	Time
<b>ORANGE / 3.65km / 100.0m / 10 ctrls</b>				
1	Richard Ebright Jr.	M16	T252	65:36
2	Bosch/Bosch/ Palframan	G4	T246	84:42
	Billig/Nappen/ Brathovde	G4	T71 T3	DNF

Pl	Name	Class	Club	Time
<b>BROWN / 3.90km / 100.0m / 10 ctrls</b>				
1	Kathleen Geist	F50	DVOA	113:20

Pl	Name	Class	Club	Time
<b>GREEN / 5.30km / 126.0m / 14 ctrls</b>				
	Richard Ebright	M40	T252	OT

**Event Totals**  
Total Maps: 52  
Total Runners: 176

## Andorra section, Fairmount Park - May 8

Event Director & Course Design: Jim Browne

Pl	Name	Class	Club	Time
<b>WHITE / 1.50km / 55.0m / 7 ctrls</b>				
1	? Kluchinski	G2		20:46
2	? Mogil	G45		20:50
3	John Furlong	M21	DVOA	24:20
4	Kathy Urban	F55		25:23
5	Judy Alexander	F0	DVOA	26:20
6	Lancaster / Thompson	G2	DVOA	27:12
7	John Coles	M40		34:45
8	? Haldis	G4		45:44
9	AJ & Wyatt Riley	G2	DVOA	58:04
10	Brightwell / Harvey	G2		66:30
11	Charles Hottenstein	G5		79:20
	Jeanne Peters	F55		DNF

## Elk Neck - continued from p. 22

Pl	Name	Class	Club	Time
3	Brian Supplee	M45	DVOA	94:02
4	Mark Frank	M45	DVOA	94:45
5	Sam Listwak	M45	QOC	99:22
6	Jim Rayburn	M40	DVOA	102:06
7	John Wirtzburger	M0	QOC	117:47
8	Maria Matveeva	F20	QOC	118:40
9	Jennifer Larimer & Neil Martin	G2	DVOA	120:14
10	Udaya Bollineni	M21	DVOA	126:13
11	Ben Summers	M45	DVOA	127:29
12	F. Brabec	M21	QOC	135:08
13	Mikhail Matveev	M45	QOC	138:24
14	Andy Green	M35	DVOA	154:55
	John Swaren	M45	DVOA	DNF

**Event Totals**  
Total Maps: 79  
Total Runners: 94

# Canoe-O: French Creek State Park - June 8

*The following excerpt was heard on WIOF on June 6, 2004*

WW: Good afternoon, race fans. We are here, high above Hopewell Lake, in the Suunto Blimp. I'm Woodrow Westlake, and we are ready to have some fun. The weather is a little cool, but the rain is gone and we should have some fast times at DVOA's first ever canoe-O. We are using a score-O format with a mass start. The flags are set up in areas of the map so that the teams will paddle into a box allowing a runner to jump out with the only punch card. When the runner gets all of the points in the box, he will try to find his boat. If he gets into the wrong boat, he could be badly injured by his opponents' paddles, so this is a critical time for these contestants. Team mates should switch jobs when they get to the next box. Now let me introduce Crystal Falls, who is sitting next to me.

CF: Hello, Woody. Today's event has been anticipated for several weeks. I was just down at the rental pavilion, and there are no canoes left. Steve Aronson and Sharon Siegler are the event directors, and I know that they are R-E-A-D-Y.

WW: Chris, on the ground we have Swifty O'Hare.

SO: Woody, I'm here at the start triangle, and I am talking to some of the contestants. Here is Clem McGrath. Clem, how do you get ready for an event that is unique to the local orienteers?

CMcG: Well, I started out with a friendly race with my team mate Vadim on the yellow course to warm up. I was surprised to find that the yellow course was all in white woods, and the white course was mostly in the yellow parts of the map, so I don't know where the canoe O will be run.

SO: Canoe O's are paddled, Clem. Back to you Chris.

CF: I see that the boats are lining up for the start. We have 22 boats entered today, gunwale to gunwale. They will all have to back paddle away from the shore, then turn around and get out across the lake.

WW: Most of these paddlers don't have a lot of experience in tight quarters, so there will be some bumping...

CF: Let's listen to Steve.

SA: TWO, ONE, PADDLE

CF: And there they go. I see the Cornish boat has gotten off to a very good start, almost like they were going forward. Ed Scott and Bob Meyer also got a good jump, since they were away from the crowds.

WW: Rick and Dan Reynolds are just standing there watching.

CF: Standing?

WW: Yes, or at least Dan is. I think he is waiting for the confusion to die down. Rick is sitting in the stern. Most of the other boats have made contact with someone or something, so it is probably a good strategy.

SO: I'm over here at the south island. I see Ed and Bob coming. Ed has just yelled to Bob to duck. The boat has crashed through the branches, and Bob has raised his head directly into the center of the flag. He can't seem to find the punches, since they are out side of the flag. Bob has grasped a punch, but remember that he cannot see his card, so let's hope he punches

in the right box.

CF: Swifty, I think I see some action down at the dam.

SO: Yes, Crystal. I see Udaya Bollineni has gone right past the flag, and he seems very confused.

WW: Swifty, we can see with our Virtual Microphone (TM) that Udaya's map has a flat circle. It seems that number 9 did not print at all. It is up to Rick Whiffen to save him.

CF: Yes, Woody, most of the time the runners get all of the credit when they go out to get the points, but these paddlers are a major part of the team. They train year round just so they can help their runners by being at the right place at the right time. As you see, Rick has found the flag, and now he has to find Udaya and bring him in.

SO: Well, that was a marvelous job by Rick to get Udaya back in the boat, and they are back in the hunt. I am sure that there will be a protest over that map, though.

WW: I see that the Miraski boat is having a problem, Crystal. The boat is upside down, and there is water everywhere. The men are dragging the boat to shore so they can get the ship righted. Fire is always a danger here.

CF: Water doesn't burn, Woody. This shouldn't hurt this team much because Billie Jo is out in the woods getting points, and the boys should be all fixed up when she gets back.

WW: I see Ed Scott is all the way up the creek to the bridge.

CF: Does he have a paddle?

WW: Yes, he does have a paddle. Two and a half actually, since he has Bob's and they have managed to break one. It is a good thing that they brought a spare.

SO: I'm here on pit stream. These canoes are finely tuned machines. We have a few mechanics here should any of them break down, but right now they are all up and running.

CF: I see the Cornish boat is coming into the finish after a very clean run. Mark, Hunter and Susan really deserve a big hand.

WW: Karl Ahlswede and Sandy McMahan are approaching the buoy in the center of the lake. Karl is trying to come from the left, but the buoy has floated to the right. Now he is trying to come in from the right, and the buoy has drifted to the left. Sandy is leaning way out of the boat; yes, she has the punch and there they go.

SO: I am now at the cantina. I am talking to Janet Porter, who is cooking sandwiches for anyone who wants them.

JP: We are selling these meals like hot cakes.

SO: These are hot DOGS, Janet. What do you think of the canoe O, Janet?

JP: I love it. I have been coming to these since the first one.

SO: This is the first one, Janet

CF: I just noticed that our first all-junior team has finished. It is Brigit, Shannan and Chuck. They have turned in their punch card, but when they tried to take the boat back to the rental, they overturned. If someone tries to finish right now, it could get ugly.

WW: Well, that's all the time we have today, race fans. I hope you have enjoyed today's broadcast and you can come out to join us next time.....

CF, SO, SA, JP, CMcG: ( in unison) BUT WHO WON?

*(Apologies to all real people who may have walked the walk, but did not talk the talk)*



Canoe-O co-director Steve Aronson welcomes two competitors ashore.



**Scenes from...  
the French Creek Canoe O**

The Cornish Crew (Mark, Susan and Hunter) prepare to shove off.



Ed Scott and Bob Meyer



## Canoe O results

### WHITE, 2.8Km, 50m, 10 controls

Name	Grp	Club	Time
Carol Kluchinski	F-O	B Scouts	0:34:53
Dasha Babushok	G3	DVOA	0:39:19
Jeanne Nadovich	G5	B Scouts	0:50:25
Robert Frank	M12	DVOA	0:51:00
Dina Brown	G4	G Scouts	0:58:24
Kimberly Mullaney	G4	B Scouts	0:59:20
Stacey Hicknutt	G3	G Scouts	1:04:23
Ann Reynolds	F-O	DVOA	1:05:47
Kathy Urban	F55	DVOA	1:12:50
Robert McClelland	M-O		1:13:22
Joe & Dana Kluchinski	G2	B Scouts	1:27:15

### Yellow, 2.9Km, 115m, 9 controls

Name	Grp	Club	Time
Vadim Masalkov	M35	DVOA	0:18:16
Clem McGrath	M21	DVOA	0:19:00
Dayne Thatcher	G2	DVOA	0:45:50
Jean-Hugo Droillet	G3		0:47:37
Jay Erb	M-O		0:53:19
Robert Burton	G2	DVOA	1:00:40
Pat Burton	F40	DVOA	1:03:10
Dane Urban	M55	DVOA	1:06:18
Chris Kita	G2		1:21:05
Pat Keim	G2	SVO	1:27:20
Jude Ruskay	G2		1:29:36
Judith Alexander	G2	DVOA	1:29:50
Nicki Ruskay	G2		1:57:47

### CANOE-O

Name	Grp	Club	Type	Elapsed	Points	Penalty	Score
Evans	G2		Kayak	1:01:29	30	0	30
Mark, Hunter & Susan Cornish		DVOA	Canoe	0:48:33	30	0	30
Clem, Vadim + Dasha		DVOA	Canoe	0:51:33	30	0	30
Ed Scott + Bob Meyer		DVOA	Canoe	0:59:17	30	0	30
Karl Ahlswede + Sandy McMahan		DVOA	Canoe	1:02:41	30	0	30
Karen + Shawn Duffalo			Canoe	1:04:06	30	0	30
John Furlong + Alan Belford		DVOA	Canoe	1:12:32	30	0	30
Udaya Bollineni + Rick Wiffen		DVOA	Canoe	1:13:05	30	0	30
Rick + Dan Reynolds		DVOA	Canoe	1:15:24	30	0	30
Billie Jo, Ken + Dan Miraski		DVOA	Canoe	1:15:43	30	0	30
Will Parkinson	G3	Scouts	Canoe	1:23:15	30	0	30
Sam, Karen + Jen Graffman		DVOA	Canoe	1:22:59	28	0	28
Chuck, Shannon, Brigit+ Burbank			Canoe	1:22:33	24	0	24
David Cramer + Molly			Canoe	1:26:05	24	0	24
Ryan Pfister	G2	Scouts	Canoe	1:25:15	21	0	21
Larry Giest	G2		Canoe	1:26:10	21	0	21
Carol, Joe + Dana Kluchinski	G5		Canoe	1:32:48	30	9	21
Darren McClear		Scouts	Canoe	1:24:25	15	0	15
Mary, Robert + Michelle Frank			Canoe	1:31:23	18	4	14
Andrew Fleisher	G3	Scouts	Canoe	1:35:47	27	15	12
Kevin Pfister		Scouts	Canoe	1:22:56	11	0	11
Judith Alexander	G2	DVOA	Canoe	0:46:01	6	0	6

### Norristown Farm Park - New Color Map Saturday, May 23, 2003

#### WHITE - 3.2km, 60m, 8 control

Harry Plichta	M		47:00
Bill & Jeff Denis	G2		49:57
BSA Troop 117A		BSA	65:00
Carol Lebendiger	G3		70:00
AJ, O & W Riley	G3	DVOA	79:00
Maria McHugh	F		85:00
BSA Troop 117B	G3		86:00

*There is pleasure in the pathless woods,  
There is rapture in the lonely shore,  
There is society where none intrudes,  
By the deep sea, and music in its roar:  
I love not man the less, but nature more.  
Lord Byron, poet (1788-1824)*

# DVOA's Summer Picnic & Relays

It was summer time, and the running was easy... especially since DVOA VP John DeWolf took pity on the orienteers and kept them mostly out of Ridley's infamous dark green thickets. This year's relay, picnic and summer meeting took place at Ridley Creek State Park on Saturday, June 19.

Eight teams of three competed in the Vice Presidential Relays. Since it was a relatively manageable field (as manageable as DVOAers ever are), VP John De Wolf had runners on all three legs (white, yellow and orange) take off in a mass start.

Some notable finishes: Daria Babushok was the first runner in, running a white leg, and then she promptly turned around and round a yellow leg. Clem McGrath and Vadim Masalkov finished neck and neck. A few competitors were noticed to make use of the restroom facilities conveniently located next to the GO control before they headed into finish.

Speaking of finish, the finish crew valiantly maintained their station despite the fact that finish was located downwind from another, more aromatic, restroom facility.

After all competitors had finished, the annual covered dish picnic got underway.

Mark and Connie Cornish brought their new granddaughter, Ellie. Ellie's dad, Chuck (one of the Cornish boys) dutifully manned the barbecue grill, cooking hot dogs, sausages and other delectables. Jenn and Neil Martin won the unofficial prize (unofficial because the prize is really just the honor of winning) for best O-themed dessert: a cake shaped and decorated as a three-dimensional contour map. Several people inquired about recipes for a couple of the covered dishes; they're shown below, for those who might want to try them for their next picnic.

Following the picnic, DVOA president Ralph Tolbert conducted a short business meeting. Topics included DVOA's upcoming A-event at Harriman and future mapping projects. Hunter Cornish asked for suggestions for a new DVOA O outfit. (See DVOA's web site for some of the suggestions that have been received.)

## Julie Keim's recipe for Broccoli Salad

2 bunches of fresh broccoli (4 cups)  
10 slices of bacon, fried and crumbled  
2/3 c. raisins  
1/2 onion, chopped  
2 c. cauliflower  
1 c. cheddar cheese, shredded  
1 c. mayonnaise  
1/2 c. sugar  
2 tbsp vinegar

Wash and chop broccoli and cauliflower into bite size pieces. Combine broccoli, bacon, raisins, onion, cauliflower, and cheese. In another bowl combine mayonnaise, sugar, and vinegar; mix well. Pour dressing over the broccoli mixture, mix and toss. Refrigerate 2 hours before serving.

## Nancy Sharp's recipe for Broccoli Slaw

1 pkg (3 oz) chicken ramen noodles  
1 pkg (16 oz) broccoli slaw mix  
2 c sliced green onions (about 2 bunches)  
1-1/2 c broccoli florets  
1 can (6 oz) ripe olives, drained and halved  
1 c sunflower kernels, toasted  
1/2 c slivered almonds, toasted  
1/2 c sugar  
1/2 c cider vinegar  
1/3 c olive or vegetable oil

Set aside the noodle seasoning packet; crush the noodles and place in large bowl. Add the slaw mix, onions, broccoli, olives, sunflower kernels and almonds. In a jar with a tight-fitting lid, combine the sugar, vinegar, oil and contents of seasoning packet; shake well. Just before servings, drizzle dressing over salad. Yield: 16 servings

**Scenes from...**

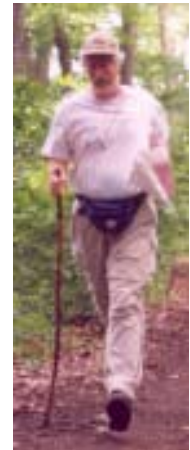
**DVOA's summer picnic**

Right: Eric Weyman talks to DVOA's president Ralph Tolbert as Mark Cornish looks on.

Middle: VP John DeWolf instructs the gathered crowd on the finer points of his relay event.

Bottom: Winner of best O-themed dessert: Neil and Jenn Martin.

Far right: Sandy McMahon, Larry Geist and Doug Whitney with one of his three girls run into finish.



# Valley Forge Mount Joy - Jun 13

Event Director: Frank Family & Ed Scott

## Course Design: Ed Scott

Pl	Name	Class	Club	Time				
<b>WHITE / 2.57km / 65.0m / 9 ctrls</b>					8	Greg Davis	M21	DVOA 65:25
1	Gudrun Trescher	F0	RadnorNS	34:46	9	Joseph Ward	M40	DVOA 67:27
2	Robert Frank	M12	DVOA	45:59	10	Chris Berry	M0	DVOA 70:50
3	Michelle Stallings	G3		50:31	11	Fritz Barnes	M40	DVOA 71:40
4	Carl Falcon	G2		50:39	12	Tim Gilpatrick	M40	DVOA 78:04
5	Joanne / Thomas Nadovich	G2	BSA T215	52:12	13	Johnson Group	G4	DVOA 97:21
6	Holger Stenberg	G2		53:04	14	Guy Florio	M50	DVOA 99:20
7	Cindy King	F35	DVOA	56:44	15	John Cox	M55	DVOA 100:49
8	Jaeger Family	G2	DVOA	67:58	16	Robert Fales	G4	BSA T12 106:43
9	Melissa Cook	F10	DVOA	68:02	17	Sue Pane Hierl	G2	107:38
10	Kathy Furlong	G2	DVOA	68:51	18	Chuck/Janet Bingham	G2	110:40
11	Mary Rose Smith	G2		75:16	19	Zach/Bob Groves	G2	DVOA 141:00
12	Ana Marie Roca	F2		77:20	20	Bob Benning	G3	BSA T12 154:30
13	Charlie Waltz	0		83:10		Joseph Fitzpatrick	G4	BSA T12 OT
14	Coults Family	G4		85:09		Mindy Freits	G5	BSA T12 OT
15	Brenda Forwood	G2		99:01	<b>BROWN / 4.75km / 100.0m / 8 ctrls</b>			
16	Maureen Wade	F0		99:36	1	Steve Haas	M0	BAOC 33:42
<b>YELLOW / 3.36km / 90.0m / 8 ctrls</b>					2	Ron Mavis	M45	DVOA 44:13
1	Michael Forbes	M55	DVOA	28:32	3	Sandy Fillebrown	F50	DVOA 46:32
2	Fred Dohrmann	M2	DVOA	34:21	4	Joe Maglaty	M45	DVOA 53:51
3	Tom Miles	G3	DVOA	36:23	5	Jennifer Larimer	F21	DVOA 54:50
4	Michael Scaringi	M50		37:09	6	Barry Landis	M55	DVOA 66:07
5	Steven Brady	M0		40:06	7	John Williams	M65	DVOA 66:40
6	Deb Katz	F21	DVOA	41:17	8	Charlie Parker	M45	DVOA 67:00
7	Joe Duffy	G2		41:46	9	Matthew Moran	G2	69:57
8	Mark Sidell	G5		43:19	10	John Turlong	M21	DVOA 71:00
9	Carol Kluchinski	F2		43:20	11	Jane Nocera	F55	DVOA 77:37
10	Dave Urban	M55	DVOA	48:57	12	Sharon Siegler	F55	DVOA 80:57
11	Stan Larimer	G2	DVOA	51:05	13	Ken Miraski	M50	DVOA 86:15
12	Tory Lingg	F50	DVOA	53:13	14	Peg Edwards	F65	DVOA 91:13
13	Colleen Bracken & Cara Anderson	G2	DVOA	57:40	15	Donna Trefenko	F50	DVOA 96:00
14	Simcha Rudolph	F0	DVOA	59:25	16	K&G Kohler	G2	DVOA 103:43
15	Charles Hottenstein	G5		62:41	17	Merle Kohn	M65	DVOA 143:27
16	Larry Mogil	M45		63:46	<b>GREEN / 5.65km / 130.0m / 8 ctrls</b>			
17	Robert Frank	M12	DVOA	65:16	1	Vadim Masalkov	M35	DVOA 37:49
18	Mary Brightwell	G2		69:53	2	Rob Favorite	M50	DVOA 45:26
19	Susan Cornish	F12	DVOA	74:01	3	Chris Steere	M21	DVOA 46:38
20	? Kalicki	M35	DVOA	80:52	4	Shawn Duffalo	M21	47:17
21	Nonae Miles	G3	DVOA	81:16	5	Greg Ahlswede	M14	DVOA 47:55
22	Kathy Urban	F55	DVOA	83:02	6	Bob Burg	M55	DVOA 48:22
23	Patrick Merchak	G5		86:12	7	Steve Haas	M0	BAOC 48:56
24	Lou Iozzi	G2		92:55	8	Ron Cook	M45	DVOA 54:24
25	Amber / Doyle Robinson	G6	T37	95:46	9	Rob Wilkison	M50	DVOA 55:51
26	Deb Katz	F21	DVOA	98:12	10	Bob Meyer	M50	DVOA 56:36
27	Sandra Ward	F35	DVOA	107:26	11	Ed Jaeger	M45	DVOA 60:32
28	Robert Friedel	G5		116:13	12	Sandy McMahan	F21	DVOA 62:17
<b>ORANGE / 3.95km / 140.0m / 9 ctrls</b>					13	Mike Ahern	M50	DVOA 62:24
1	Kim Pelle	M45	DVOA	45:54	14	Chad Duffalo	M21	63:01
2	Kolga Babushok	M20	DVOA	48:49	15	Stan Needle	M0	66:00
3	Joe Lavery	M45		58:27	16	Ann Deiterich	F45	DVOA 66:10
4	Audra Supplee	F45	DVOA	59:36	17	Roger Broome	M40	DVOA 66:13
5	Michael Forbes	M55	DVOA	61:04	18	Steve Aronson	M45	DVOA 66:35
6	Phil Bird	M45	DVOA	61:15	19	Rick Wiffen	M50	DVOA 67:34
7	Ed Webb	M55	DVOA	63:25	20	Ed Hause	M40	DVOA 68:33



# Training Tips: Beginners

## Beginner's Clinic: Parallel Errors

By Mike Minium; reprinted from O' Cin

### What is a parallel error?

Parallel errors are among the most common orienteering mistakes at all ability levels. They occur when the orienteer follows a feature that looks very similar to the one he/she intended to follow. Examples include following the wrong trail, stream, ridge, fence or ditch. Most parallel errors can be avoided if you pay attention to three things: direction (compass), distance (pace counting) and details (map).

### Compass

Check your compass at trail and stream junctions and bends. Does the trail go in the same direction your map shows? If not, look to see if there is a similar feature nearby which correctly matches our intended direction. If you are following a fence or power lines, remember that they may contain enough metal to affect your compass bearing. To get a precise bearing, take a few steps away from the fence and aim your compass parallel to it.

### Pace counting

Start to develop a feeling for your pace count. Most adults walk 60-65 paces (double steps) in 100 meters and jog at 40-45 paces per 100 meters on level paths. Add paces for tougher terrain. It is also useful to know how long it takes you to walk or jog 100 meters and use time as a guide. In varied terrain and vegetation, time becomes much less reliable than a pace count.

Pace counting reliability breaks down over longer distances: several hundred meters on roads, a fraction of that in thick vegetation or rugged topography.

With practice, pace counting becomes an almost subconscious habit. Restart your count each time you are sure of your location, such as at major trail junctions. It will take practice before your count gets reliable. Base your count on your natural strides. Trying to fit your stride to an even number doesn't work well for most people.

### Map details

Pay attention to the features you see on the ground and on the map. As you plan your route (even a simple leg on a broad road), look for the things that you should see beside the trail on your way. Mentally check them off as you pass. If you expect to cross two streams along your way, do not cross a third until you look at the map and figure out whether you passed the control or misread the map.

Many beginners use the Energizer Bunny as a role model, and if they miss a control, they continue going and going and going for a mile or so before deciding that something is wrong. Checking off details as you pass them and using a pace count to tell you how far you have gone will help you avoid this trap.

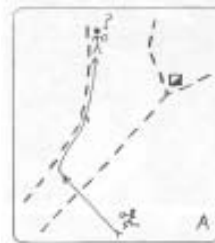
### Case Studies in Parallel Errors

#### Case A

**Plan:** Running northwest until you reach the path, then turning right and following the path to the control.

**What happened:** The path was overgrown. You ran across it without seeing it; reached the second path and turned right on it.

**Solution:** A good idea of your pace count will help you judge distance traveled. When you think you've gone far enough, you'll slow down and look more carefully. This might keep you from missing the overgrown path. Also, pace counting will keep you from running extra distance on the wrong path. You'll stop, check your map for parallel features and realize that you're on the wrong path.



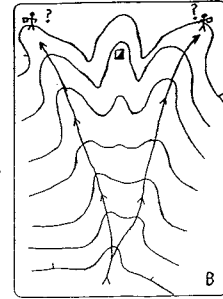
continued on next page

**Case B**

**Plan:** Run along the middle spur to the control (a real-life example from 1992 Midwest Champs, Blue control #3, Red control #4)

**What happened:** The majority of red and blue runners followed similar-looking features (other spurs) in slightly different directions. Note that the top of the middle spur starts lower than the others. Most competitors stayed high to the right or the left.

**Solution:** Checking your compass occasionally will tell you if you're going in the right direction. If you're going right or left of the intended direction, you're probably off course. The earlier you catch this mistake, the less costly it is to correct your course.



**Case C**

**Plan:** Run hard up the main valley. The control is on a spur in the middle of a maze of reentrants and spurs. Without a magnifying glass and with a very slow, precise approach, it will be hard to distinguish the correct spur. (1993 Colorado 5-day, July 11, Blue control #8)

**Solution:** In this case, I started up a spur in approximately the right direction but wasn't sure if it was the correct one. But I noticed that it was crossing a small knoll (1). With a brief pause, I located it on the map and knew I needed to go one spur to my right. Meanwhile, another competitor raced past but failed to notice the knoll, and lost time searching spurs to the left of the correct one. In complex areas such as this one, identifying unique features can help you determine your precise location. On other incorrect spurs, you might have noticed the depression, two large boulders, thick vegetation or cliff. Any one of these could have pinpointed your location. But beware of relying too heavily on small point features such as rootstocks and boulders, as it is often hard to tell which ones are large enough to be mapped and which ones aren't. Also, "micro-navigation" from point feature to point feature is time consuming. The key is to be aware of the detail you are seeing without becoming overly dependent on it.



**VF Mt. Joy Results - continued from page 32**

21 Tom Curtis & Bruce Wong	G2		71:25	10 John Wrongway	M45	DVOA	48:03
22 John Edwards	M65	DVOA	73:07	11 Mike Bertram	M55	DVOA	50:18
23 Joe Hamer	M50	DVOA	73:34	12 Ron Bortz	M50	DVOA	51:28
24 Jed Clear	M40	DVOA	83:10	13 Brian Supplee	M45	DVOA	55:19
25 Mike Borovicka	M55	DVOA	85:42	14 Daria Babushok	F21	DVOA	57:19
26 Sue Harford	F45	DVOA	93:08	15 Ury Bacriev	M40	CAOC	58:18
27 Kathleen Geist	F50	DVOA	103:55	16 Ben Summers	M45	DVOA	60:59
28 Gary Brown	M50	DVOA	108:02	17 Udaya Bollineni	M21	DVOA	61:15
29 Maryann Cassidy	F50	DVOA	125:38	18 Shelly Pennington	F21	DVOA	63:05
30 Deb Samans	F50	DVOA	126:55	19 Josh Wagner	M21		66:19
				20 Fred Kruesi	M50	DVOA	71:16
<b>RED / 6.60km / 145.0m / 9 ctrls</b>				21 Kathy King	F50	DVOA	80:10
1 Clem McGrath	M21	DVOA	37:18	22 Steven Getz	M40	DVOA	81:50
2 Vadim Masalkov	M35	DVOA	39:15	23 Brent Godek	M21		82:35
3 Mihai Veres	M40	DVOA	39:23	24 Julie Keim	F21	DVOA	93:23
4 Chuck Crabb	M45	DVOA	39:26	25 Larry Geist	M50	DVOA	105:32
5 Tom Overbaugh	M40	DVOA	39:56	26 John Kowen	M50	DVOA	118:01
6 Randy Hall	M21	DVOA	40:54				
7 Neil Martin	M21	DVOA	44:11	<b>Event Totals</b>			
8 Mark Cornish	M45	DVOA	46:36	Total Maps: 139			
9 Karl Ahlswede	M40	DVOA	47:25	Total Runners: 202			

## Beginners Clinic - continued from back cover

map representations of that hill with 5-meter (2) and 10-meter (3) contour intervals. Note that the same parts of the hill look different in the different representations. In figure 2, the cliff is clearly obvious from the merging contour lines, while in figure 3, you would not expect the cliff to be present. Try to imagine what the map would look like with a contour interval of 20 meters or 40 meters. You would have much less information about the hill. Conversely, a map with a 2.5 contour interval would give even more information. Orienteering maps usually use a 5 or 2.5 meter interval as a way of providing as much detail as possible without making the map too cluttered.

Now, let's add a little more information. It takes much more energy to run (or walk) 100 meters up a slope than 100 meters on level ground. A steeper slope will tire you out more quickly than a gentle one. Good orienteers try to avoid unnecessary climbing and may take a longer, flatter route instead of shorter, steeper one. (This can be carried to extremes, resulting in less efficiency instead of greater; for example, adding a quarter mile of distance to avoid 15 meters of climb would be a waste of time.) With time and practice, you'll determine how much distance you are willing to add to avoid a given amount of climb.

You'll also learn that it is easier to run along a gentle hillside than a steeper one. Let's suppose you want to go from control A in figure 2 to control B. You have several route choices, outline below.

Choice 1: Use your compass and go straight line, over the top of the hill and scramble down the cliff to the control. This appears to be the shortest route, but has a couple of serious drawbacks. You must climb 10-15 meters above the control, then (when tired from the climb) face a harrowing crawl down a 10-meter (30-feet) high cliff. At the least you will lose time!

Choice 2: Head straight toward the control, but turn slightly before reaching the top of the hill. Run along the hillside at a constant elevation (this is called contouring) and follow the curve of the hill to the base of the cliff. This could be a very good choice. You have reduced climb and don't have to descend the cliff. Possible disadvantages include climbing too high or not high enough before turning. Also, the slope of the hill is quite steep where you are planning to contour, so you'll be fighting gravity to keep your footing.

Choice 3: Go west along the base of the hill all the way along the south side, then climb the gentlest part of the slope. This avoids no more climb (elevation gain) than choice 2, but adds considerable distance. Probably not a good choice.

Choice 4: Start out like choice 3, but start climbing the hill from the south side, working diagonally up to the foot of the cliff. I like this one. Like choices 2 and 3, it minimizes climb but without the extra distance of choice 3 or the steep-slope contouring of choice 2. You can adjust the angle of your climb based on how you feel: grab a little elevation when you feel strong, catch your breath while contouring the control, then climb some more.

*reprinted from Contour Line, Oct.-Dec. 1996, St. Louis Orienteering Club*

*petrichor (PET-ri-kuhr) noun*

*The pleasant smell that accompanies the first rain after a dry spell.*

*[From petro- (rock), from Greek petros (stone) + ichor (the fluid that is supposed to flow in the veins of the gods in Greek mythology). Coined by researchers I.J. Bear and R.G. Thomas.]*

*"Petrichor, the name for the smell of rain on dry ground, is from oils given off by vegetation, absorbed onto neighboring surfaces, and released into the air after a first rain."*

*Matthew Bettelheim; Nature's Laboratory; Shasta Parent (Mt Shasta, California); Jan 2002.*



Source: A.Word.A.Day

# Beginners' Clinic: Using Contour Lines

By Mike Minium

How steep is it?

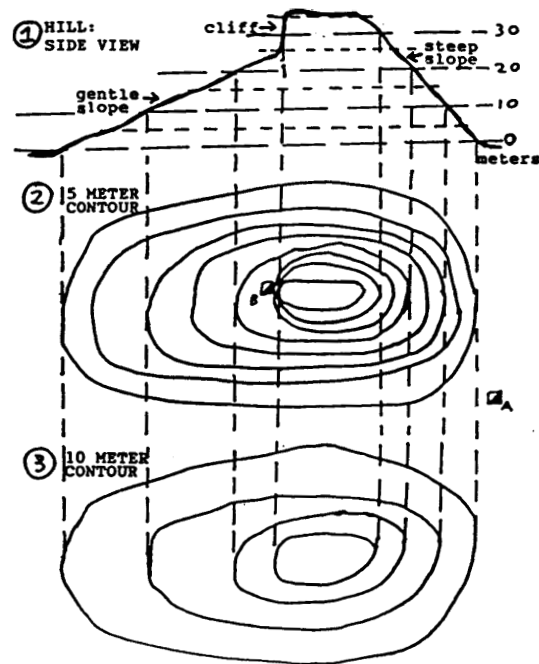
Generally speaking, when contour lines are spaced far apart, the land is gently sloping. Where contour lines are closer together, steeper slopes are found. If adjacent contour lines touch, there is a vertical slope (cliff) at that point.

However, both the map scale and the contour interval will affect the appearance of the map. On two maps of the same scale and the same area, the map with a greater contour interval will have fewer contour lines. Hence, the lines on this map will be farther apart than on the other.

(Remember that contour interval is the difference in elevation between two adjacent contour lines. An example is shown at right.)

The example shows the side view of a hill (1), and

continued on inside back cover



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