

Pacific Northwest Orienteering Schedule

Date	Event	Club
March 1986		
8	Durr Road, SW of Ellensburg	Ellensburg
9	Kelsey Creek Park, Bellevue	Sammamish
15	OSU Horse Center, Corvallis	Oregon
22	Robert Burnaby Park, Burnaby	GVOC (604) 875-6039
23	St Martin's College, Lacey	Nisqually
April 1986		
6	Island Crest Park, Mercer Island	Sammamish
5	Tryon Creek State Park, Portland	Oregon
12	(place to be decided)	Ellensburg
19	Wonderwood Park, Lacey	Nisqually
26	Lake Tradition, Issaquah	Cascade
27	Lighthouse Park, West Vancouver	GVOC (604) 987-3239
May 1986		
3	Cow Creek, 1 hr E of Bend	Oregon
4	Cow Creek, Day-2	Oregon
3-4	Newcastle Island, Nanaimo	VO (604) 592-5739
10	Ft Steilacoom Park, Tacoma	Nisqually
11	UBC Research Forest, Haney	VN (604) 533-3352
14	Marymoor Park, Redmond	Sammamish
17	Ballard Community Center, Seattle	Cascade
	Barne Leiker, Scandinavian Festival	
17	World O-Cup, Hamilton, Ontario	Canada Class-A
17	Sage Stomp, Kamloops	SOCK (604) 374-2370
18		
18	Cle Elum Ridge, E of Cle Elum	Ellensburg
	4th Annual Kittitas Valley 'O' Festival	
24	Champoeg State Park, S of Portland	Oregon
24	World O-Cup, New York	Hudson Valley Class-A
31	Tumac Plateau, E of Mt Rainier	Cascade
Cascade Orienteering Club		Robert Miller h-206-782-1437
Washington Interscholastic O-League		Mike Schuh h-206-783-3960/w-206-356-6241
Sammamish Orienteering Club		Dave Enger h-206-822-6254/w-206-455-5320
Nisqually Orienteers		Gary McClausland h-206-352-5542/w-206-967-5914
Ellensburg Orienteering Club		Will Sperry h-509-925-4716
Oregon Orienteering Club		Jeff Lewis h-503-245-4725

KELSEY CREEK PARK
 Saturday, January 11, 1986
 Sammamish Orienteering Club

Course Setting and Finish Timing -
 Bob Rein
 Start Timing - Valerie Enger
 Registration - Dave Enger
 WIOL Registration - Mike Schuh
 Weather - Sunny and Warm

Course 1 (Novice) 1.1 km, 5 controls

Pam Witman Group
 Gary Betcher Family
 Carl Moore
 Glen Gordon
 Eric Edeen
 Stan Lucas
 Jim Philpott
 Chris Cullins
 Nathan Tharp & Group
 Mike Tharp & Group
 Roger Sharp

Course 2 (WIOL), 1.9 km, 10 controls

Pat Boyle	19:20
Carl Mehlheff	23:40
Christian Folse	26:55
Ed Wall	27:20
John Greengo	29:00
Tim Nyitray Group	31:55
George Serrano/Jim Feezell	32:45
Daryl Rochette	33:34
Amal Ajmi Group	36:15
Ty Wingard	36:45
Richard Paffrath Group	39:00
Danh Vo	61:15
Diesner & Cullins	63:00
Melinda Hankinson	64:15
Phat Nguyen	69:30
Maureen Hankinson	74:05
Kurt Wallin	98:30

Course 3, 2.5 km, 13 controls

Robert Miller	29:15
Don Denbo	29:50
Rick Breseman	33:45
Eric Edeen	34:00
Orville Rhine	34:20
Eileen Williams	37:00
Doug Sprugel	37:05
Arnold Kay	38:35
John Huth	39:00
Ken Willjamen	40:20
Sandy Kish Miller	42:00
Stan Lucas	42:50
Debbie Newell	45:10
Eric Melheff	46:10
Will Sperry	47:00
Mike Gallagher	47:20
Mark Moulton	49:20
Jim Philpott	50:15
Ralph Wilson/Troy Pearson	51:55
Ardis Dull	52:15
Nancy Engel	55:15
Phil Everett	56:55
Knut Olson/Scott Kjossoik	58:30
Will Gale	60:15
Joel Wingard	61:00
Gary Betcher Family	66:00
Carl Zaffe/Mike Wilson	67:10
JoAnne Sperry	68:10
Carl Moore	No place
Glen Gordon	No place

ISLAND CREST/PIONEER PARKS
 Saturday, February 1, 1986
 Sammamish Orienteering Club

Course Setting - Dave Enger
 Start Timing - Valerie Enger
 Finish Timing - Bob Rein
 Registration - Dave, Bob
 WIOL Registration - Mike Schuh
 Marker Retrieval - Mike, Bob, Dave
 Weather - Rainy, Warm

Course 1 (Novice) 1.1 km, 5 controls

Bob Delcour/Dan Witmer	19:00
Sheehan Family	34:00
Bill & Barbie Ford	35:00
Kelly Vaughan	NT
Bonnie Dorrough Group	NT

Course 2 (Intermediate), 2.9 km, 9 controls

Ardis Dull	58:32
Bob Rein	65:00
Meredith Group	88:15
Bob Delcour/Dan Witmer	89:29
Dick and Roberta Diesner	127:45
Fowler Family	DNF

Course 3 (Advanced), 4.3 km, 13 controls

Robert Miller	72:12
Debbie Newell	72:37
Mike Tharp	75:14
Rick Breseman	77:25
Eileen Williams	85:00
Carl Moore	100:40
Doug Sprugel	103:00
Glen Gordon	108:42
Will Gale	111:40
Knut Olson	123:12
Mark Moulton	126:12
Scott Coble	129:40
Jay Stone	136:50
Carl Zapfe	DNF

WIOL (School League) Course
2.8 km, 10 controls

Pat Boyle	36:44
Jeff Coker	39:37
Karl Mehlhaff	43:40
Daryl Rochette	43:42
Ty Wingard	47:40
Jorge Serrano	55:58
Tony Nyitray/Mark Tatem	58:11
Steve Whittaker	58:58
Joel Wingard	59:30
Gabe Wingard	62:30
Curt Wallin	64:20
Amal Amiji	64:35
Jim Feezell	72:24
Kenneth Lasky	77:54
Danh Vo	80:30
Eric Exner	80:53
Phat Nguyen	81:09
Richard Paffrath	82:20
James Early/Jeff LaChapelle	84:30
Sue Paffrath	88:32
John & Nancy Ledington	91:05
Richard Hletko	91:15
Andrew Cook	91:32
Thinh Pham	127:30
Thanh Nguyen	DNF
Brian Baldwin	DNF

TENALQUOT
PACIFIC NORTHWEST ORIENTEERING FESTIVAL
FEBRUARY 15-16, 1986
PORT LEWIS, WA

BLUE COURSE

Day 1: 7.9 km, 19 controls; Day 2: 8.25 km, 19 controls

Name	Club	Day 1	Day 2	Total
M21A				
1. Gagarin, Peter	NBOC	80:28	88:12	168:40
2. Enger, Dave	SAHM	99:53	106:37	206:30
3. McMillan, Mark	GVOC	101:25	106:20	207:45
4. Thurin, Steve	BAOC	119:06	137:36	256:42
5. Booth, Tim	GVOC	127:03	149:10	276:13
6. Ritchie, Steve	BAOC	168:03	132:10	300:13
Vrana, Jan	COC	140:41	DNS	DNF
Smith, Clayton	NO	DNS	110:08	DNF
Burnett, Ross	GVOC	67:33	DQ	DQ
Breseman, Rick	COC	175:21	224:16OT	DQT

RED COURSE

Day 1: 5.8 km, 12 controls; Day 2: 5.9 km, 13 controls

Name	Club	Day 1	Day 2	Total
F21A				
1. Williams, Bileen	COC	96:41	107:18	203:59
2. Newell, Debbie	COC	120:24	99:44	220:08
3. Aldrich, Lynn	VOC	123:44	116:27	240:11
M45-A				
1. Smith, Peter	CVO	75:36	71:17	146:53
2. Hollowell, Tom	SMOC	95:25	75:11	170:36
3. Kerr, Alex	TOC	102:38	85:58	188:36
4. Donald, Scott	KOC	107:56	138:32	246:28
Carlsson, Sture	COC	DNS	53:01	DNF
M40-A				
1. Cooley, Bob	BAOC	96:13	73:07	169:20
2. Neuburger, Richard	OK	88:58	83:59	172:57
3. Maier, John	TOC	100:42	83:49	184:31
4. Fedoruk, Dennis	VO	136:47	130:45	267:32
M35-A				
1. Harding, Melvin	CIOR	84:00	64:24	148:24
2. Preston, Colin	SOCK	107:39	70:48	178:27
3. Rance, John	GVOC	93:56	89:58	183:54
4. Pugh, George	GVOC	89:01	121:24	210:25
5. Sharp, Mike	NO	133:30	96:29	229:59
Miller, Robert	COC	158:39	DNS	DNF
Caldicott, Arthur	GVOC	DQ	81:38	DQ
M19-20A				
1. Hamilton, Colin	KOC	96:50	57:13	154:03
2. Andersson, Johan	SOFT	87:29	70:18	157:47
3. Fjelstad, Kaj	NO	82:23	101:03	183:26
M21B				
1. Gunning, Phil	GVOC	81:29	69:45	151:14
2. Driedger, Don	VO	105:20	72:01	177:21
3. Loftus, Chris	VO	104:14	76:27	180:41
4. Kay, Arnold	COC	139:15	80:14	219:29
5. Denbo, Don	COC	155:49	109:29	265:29
6. Nash, Jon	HVO	171:22	106:20	277:42
7. Grieve, Gerry	GVOC	156:36	121:47	278:23
8. Wiljanen, Ken	COC	138:28	145:56	284:24
Patterson, Wayne	CO	89:33	206:47OT	DQT
McNamara, James	COC	DQ	191:51	DQ

GREEN 'A' COURSE

Day 1: 5.0 km, 11 controls; Day 2: 4.95 km, 11 controls

Name	Club	Day 1	Day 2	Total
F45-A				
Donald, Shirley	KOC	82:31	251:09OT	DQT
F40-A				
Roozendaal, Mary	CVO	85:00	DNF	DNF
Taylor, Linda	NBOC	73:08	DNF	DNF
York, Anne	COC	133:40	DQ	DQ
F35-A				
Lachance, Karen	GVOC	76:10	DNF	DNF
M55-A				
1. Graesser, Carl	BAOC	96:40	94:06	190:46
Stensby, Per	BOK	58:22	DQ	DQ
Olson, Knut	COC	DNS	DQ	DQ
M50-A				
1. Moore, Carl	NO	91:42	129:20	221:02
Sperry, Willard	ROC	170:55	DNF	DNF
F21-B				
1. Miller, Sandra	COC	94:26	119:32	213:58
Lonnquist, Eve	CO	99:15	DNF	DNF
McMillan, Jeanett	VO	119:05	DNF	DNF
Baker, Lynn	CO	DQ	DNF	DQ
Anderson, Elizabeth	COC	216:40OT	DNS	DQT
Enger, Valerie	SAHM	DQ	DNS	DQ
M45-B				
1. Williams, John	DVOC	100:19	110:25	210:44
2. Rein, Bob	SAHM	152:23	152:34	304:57
M40-B				
Friedman, Harvey	COC	169:44	212:33OT	DQT
M35-B				
1. Sprugel, Doug	COC	78:57	131:31	210:28
Width, Dale	BOC	78:27	DNF	DNF
Coble, Scott	COC	72:07	DNS	DNF
Miller, Robert	COC	DNS	DNF	DNF
M OPEN				
1. Huth, John	COC	74:45	94:00	168:45
2. McMillan, Dennis	VO	125:50	124:10	250:00
3. Gallagher, Mike	NO	105:30	165:19	270:49
Burnett, Ian	GVOC	85:07	DNF	DNF
Brooks, Craig	GVOC	104:47	DQ	DQ
Gale, William	COC	110:55	DQ	DQ
Sharp, Roger	COC	DNS	DNF	DNF

GREEN 'B' COURSE

Day 1: 4.0 km, 13 controls; Day 2: 4.95 km, 11 controls

M17-18A				
1. Page, Nick	OABC	41:00	61:01	102:01
2. Sharp, Nathan	NO	53:41	79:02	132:43
Neuburger, Scott	OK	97:07	DNF	DNF

ORANGE 'A' COURSE

Day 1: 4.5 km, 12 controls; Day 2: 4.2 km, 11 controls

Name	Club	Day 1	Day 2	Total
F35-B				
1. Dull, Ardis	OOC	111:18	75:31	186:49
Sperry, Joanne	BOC	199:20OT	81:43	DQT
M50-B				
Coger, Carl Sr.	VO	DNS	62:37	DNF
F OPEN				
Sprugel, Katie	OOC	DNF	DNS	DNF
Levitt, Maureen	GVOC	DNS	DNF	DNF
M OPEN				
1. Gordon, Chuck	VO	123:03	43:06	166:09
Rutherford, Bob	VO	171:05	194:56OT	DQT
Gubitoso, Matt	OOC	134:59	DNS	DNF
Aldrich, Tom		DNS	DQ	DQ

ORANGE 'B' COURSE

Day 1: 4.0 km, 13 controls; Day 2: 4.2 km, 11 controls

F15-18A				
1. Paffrath, Sue	Yelm	133:31	138:19	271:50
Sharp, Sandra	KOC	195:32OT	DQ	DQT
M15-16A				
1. Soderquist, Greg	CVO	59:06	32:09	91:15
Morgan, John	CVO	71:13	28:13	99:26
3. Coker, Jeff	Wil	86:28	47:30	133:58
4. Rutherford, Erik	VO	94:47	51:32	146:19
Exner, Eric	Yelm	DNF	57:54	DNF
Jordan, Darrin		81:28	DQ	DQ
M19-20B				
1. Ledington, John	Yelm	129:37	54:29	184:06
Serrano, Jorge	Yelm	100:41	127:49	228:30
Nyltray, Tony	Yelm	209:24OT	61:31	DQT
Paffrath, Richard	Yelm	DQ	82:17	DQ

YELLOW COURSE

Day 1: 3.1 km, 8 controls; Day 2: 3.6 km, 10 controls

Name	Club	Day 1	Day 2	Total
F13-14A				
1. Tharp, Rachel	NO	108:09	87:53	196:02
M13-14A				
1. Barber, Todd	VO	41:38	42:13	83:51
F OPEN				
1. Fenton, Jennifer		93:47	119:18	213:05
Sprugel, Katie	OOC	DNS	94:32	DNF

WHITE COURSE

Day 1: 2.6 km, 6 controls; Day 2: 2.0 km, 6 controls

Name	Club	Day 1	Day 2	Total
F-12A				
Womack, April	OOC	DNS	38:16	DNF
M-12A				
Womack, Steven	OOC	DNS	24:58	DNF

Washington Interscholastic Orienteering

League Championships, Tenalquot

4.0 km, 13 controls

High School Girls	School	Split at 6	Time
1. Susan Paffrath	yelm	58	133:31
Sandra Sharp		69	195:32
Melinda Hankinson	wils	57	DSQ
Maureen Hankinson	wils		DSQ

High School Boys

Nick Page	OABC	15	41:00
Greg Soderquist	CVO	18	59:06
1. Karl Mehlhaff	wils	16	61:20
2. Christian Folse	over	25	78:22
Chris Baslee	CVO	31	81:26
3. Jeff Coker	wils	37	86:28
Erik Rutherford	VO	48	94:47
Scott Neuburger	OK	38	97:07
4. Jorge Serrano	yelm	45	100:41
5. Pat Boyle	blan	16	104:16
6. Thom Davis	wils	31	121:11
7. John Leddington	yelm	39	129:37
8. Phat Nguyen	wils	52	152:38
9. Thinh Pham	wils	50	170:07
10. James Early	wils	26	173:06
11. Steve Collins	wils	41	199:29
12. Tony Nyltray	yelm	39	209:24
Richard Hietko	wils	43	DNF
Eric Exner	yelm		DNF
Richard Paffrath	yelm	53	DSQ
Mark Tatum	yelm		DSQ
Danh Vo	wils	109	DSQ

Junior High School Boys

1. Nathan Tharp	nisq	18	53:41
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High School Teams

1. Wilson	19
2. Yelm	32

school abbreviations:

Bain	Bainbridge
Blan	Blanchet, Seattle
Ingl	Inglemoor, Juanita
Nisq	Nisqually Middle School, Yelm
Over	Overlake, Seattle
Pens	Peninsula, Gig Harbor
Stad	Stadium, Tacoma
Wils	Wilson, Tacoma
Wood	Woodinville
Yelm	Yelm
Other abbreviations:	
CVO	Cowichan Valley Orienteers (Vancouver Island)
OABC	Orienteering Association of British Columbia
OK	Orienteer Kansas
VO	Victorienteers (Victoria, B.C.)

Day 1 splits, Tenalquot

Blue course, control 8

Peter Gagarin	42
Mark McMillan	57
Steve Ritchie	93
Jan Vrana	72
Ross Burnett	35

Red course

Arnold Kay	29
Eileen Williams	36
Lynn Aldrich	45
Wayne Patterson	26
Jon Nash	50
John Rance	36
Bob Cooley	25
Tom Hollowell	26
Colin Hamilton	22
Scott Donald	38
Chris Loftus	30
Colin Preston	33
John Maier	36
Richard Neuburger	32



6th Annual Bog Slog, St Edward State Park - Sunday, December 29, 1985

This season's Bog Slog was notable for its good weather (no precip) and close times with few DQ's. Pie awards went to Steven & April Womack, Katie Sprugel, Dave Enger, Eileen Williams, Tony Paulson and Valerie Enger.

Meet Director - Debbie Newell
Set markers - Arnold Kay
Registration - Sandy Miller
Starts - Doug and Katie Sprugel
Post meet publicity - Roger
Post meet hosts - Debbie & Arnold
Marker pluckers - Debbie & Arnold
Pies baked by Valerie, Robert, Carlsons, Debbie, Eileen, and Katie

Course design - Arnold Kay
Vetter/trainer - Mike Schuh
Greeter - Robert Miller
Finish - Roger Sharp
Results tally - Debbie Newell
Chilli - Arnold Kay
Pie auctioneer - Tony Paulson

Beginner - 1.3 km, 7 controls

Steven Womack	14:15
Joe Abad	16:00
Matt Gubitos	17:49
James Braddock	20:38
Bruce McAlister	23:35
April Womack	25:54
Scott Lasater	31:20

Easy Intermediate - 2.4 km, 7 controls

Glenn Gordon	34:13
Bruce McAlister	51:03
Katie Sprugel	52:09
Nancy Lewis	52:53
Suzy Landreville	52:59
Erin Renshaw	78:25
Pam Carlsson	DQ
Eric Edeen	DQ
Rachel Tharp	DNF
Dick Diesner	DNF

Advanced Intermediate - 2.9 km, 10 controls

Tony Paulson	69:03
Harvey Friedman	70:46
Mike Tamada	71:14
Roger Sharp	72:35
Tim Schreiner	72:51
Doug Sprugel	79:07
Mike Gallagher	83:39
Valerie Enger	84:12
Thomas Schubert	85:58
Knut Olson	89:13
Jessica Hirschfelder	97:06
Ardis Dull	97:38
Ralph Olson	106:15
Jennifer Seffernick	116:33
Kevin Hart and family	152:09
Pat Boyle	DQ
Nathan Tharp	DQ
Carl Zapffe	DQ
Mike Wilson	DNF

Advanced - 3.8k, 10 controls

Dave Enger	53:14
Jan Vrana	56:27
Dan Waugh	57:59
Sture Carlsson	60:29
Robert Miller	62:48
Harry Morgan	69:10
Will Gale	75:19
Don Denbo	82:50
Rick Breseman	84:16
Mike Tharp	84:33
Eileen Williams	84:52
Roger Mertens	99:24
Carl Moore	117:03
Anne York	122:25
John Toohey	129:38
Rick Hannes	129:38

St Edward Park Results - Saturday, February 8th

Intermediate

Ken Knapp	49:45
Roger Sharp	52:08
Sandy Kish Miller	53:30
Joel Wingard	53:31
Harvey Friedman	56:38
Phil Everett	57:48
Lance I & II McGinnis	62:12
Anne York	63:21
Ardis Dull	67:31
Jennifer Seffernick	69:14
Matt Gubitos/Puhrman	70:44
Liz Anderson	76:43
Bruce McAlister	79:26
Katie Sprugel	86:54
Ralph Olson	88:53
Su Meredith	95:06
Leslie Weldon	95:07
Bob Meredith	95:08
Dick & Berta Diesner	111:28
#164	DQ

WIOL-School League

Daryl Rochette	35:27
Maia Halvorsen	37:07
Ty Wingard	37:27
Tony Nyitray	41:44
Eric Elmer	43:07
Pat Boyle	46:34
Carl Zapffe	51:16
Richard Paffrath	53:42
James Early	55:00
Jeff Coker	55:10
Jim Feezell	55:41
Karl Mehlhaff	57:27
Curt Wallin	65:08
Mark Tatom	67:33
R. Bresheare	69:11
Nancy Ledington	69:16
Rachel Tharp	69:17
Richard Hletko	69:37
Jorge Sevrano	71:59
Steve Whittaker	75:36
Ken Gatke	75:37
Christian Folse	79:09
Amal Admi	79:35
Steven Collins	116:38
John Ledington	DQ

Novice

Lance I & II McGinnis	17:42
Katherine Schubert-Knapp	19:09
Pat Fives	31:56
Walt Hickey + 3	62:13
Amy Poort, Kim, Sandra	63:22
#111	69:11
Chris Vaughan +2	DQ

Advanced

Robert Miller	61:15
Mike Tharp	66:08
Arnold Kay	66:11
Tim Vargo	74:36
Erik Edeen	75:40
Debbie Newell	75:44
Glenn Gordon	84:43
Don Denbo	85:46
Will Gale	100:00
Carl Moore	106:42
Knut Olson	124:41
Doug Sprugel	133:22
Bob Rein	146:41
Mike Gallagher	DQ

School

Penninsula	
Bainbridge	
Penninsula	
Yelm	
Yelm	
Blanchet	
Inglemoor	
Yelm	
Wilson	
Wilson	
Yelm	
Wilson	
Penninsula	
Yelm	
Yelm	
Yelm	
Yelm	
Overlake	
Yelm	
Wilson	
Yelm	

O-meet Notes

The Kelsey Creek Park meet on Saturday, January 11th, provided a good example of a challenging course in a small park map on which many of the participants had run before. Kudos to course designer, Bob Rein, and his coach, Dave Enger, for a course where 1- the markers were placed at eye level and on the indicated side of the feature, and 2- the time advantage went to the cross-country route choice, which encouraged orienteers to forsake the trails. The scale of the Kelsey Creek map, 1 to 3,000, being smaller than most of our park maps, gave some runners (Debbie and Robert, to mention a couple of names) the opportunity to do some mapping of their own when they ran off the map in search of controls 7 and 8 on the advanced course. P.S. - thanks to the Sammamish Club for the six new 'O' signs donated to Cascade.

Carkeek Park, Saturday, January 18th

Meet Director - Mike Schuh
Course design - Don Denbo
Design coach - Mike Schuh
Set markers - Don Denbo
Registration - Sandy Miller
Greeter - Robert Miller
Starts - Will Gale & Roger Sharp
Finish - Arnold Kay & Dick Diesner
Results tally - Mike Schuh
Post meet hosts - Robert & Sandy
Marker pluckers - Jan Vrana,
Nathan Tharp & Robert Miller
Moral Support - Mike Gallagher
and Carl Moore
Weather - great for ge-o-ducks!

Advanced course

Gary McCausland	NO	70:27
Mike Tharp	NO	80:55
Peter Smith	CVO	84:47
Rick Breseman	COC	87:38
Eileen Williams	COC	93:03
James Matasuka		122:10
Helga Dordal		122:10
Scott Coble		122:55
Orville Rhine	Samm	129:08
Debbie Newell	COC	DNF
John Toohey		DNF

Intermediate course

Glen Gordon		44:01
Mary Rosendahl	CVO	57:30
Doug Sprugel	COC	58:51
Michelle Everett	COC	62:31
Joel Wingard	NO	62:46
Erin Renshaw	COC	73:39
Harvey Friedman	COC	75:59
Ardis Dull	COC	81:07
Phil Everett	COC	DNF

WIOL course
3.32 km, 130m, 10 controls

Christian Folse	over	30:33
Nathan Tharp	nisq	32:22
Ty Wingard	pens	33:18
Karl Mehlhaff	wils	39:27
Daryl Rochette	pens	46:00
Jorge Serrano	yelm	49:28
Richard Paffrath	yelm	49:43
Gabe Wingard	pens	55:38
Curt Wallin	pens	57:39
John Coker	wils	61:56
Danh Vo	wils	65:05
Phat Nguyen	wils	69:04
James Early	wils	81:19
Rich Hietko	wils	83:00
Chris Cullins	garf	92:37
Tom Davis	wils	113:15
Amal Ajmit & Steve Whittaker	yelm	114:30
Ken Lasky		115:35
Maureen Hankinson	wils	DNF
Jim Feezell	yelm	DNF

Teams: Peninsula 25, Wilson 39, Yelm 48
(garf=Garfield, nisq=Nisqually, over=Overlake,
pens=Peninsula, wils=Wilson, yelm=Yelm)

Novice course

Bob and Sue Meredith		26:17
Dija Wingard	NO	31:23
Roni Dordahl		64:45

Coming Attractions:

Sunday, March 9th - Kelsey Creek Park, Bellevue
A "motala" course will be set for the intermediate and advanced orienteers. This will involve memory, line, and score orienteering - all on the same course! The park is located on SE 4th Street just east of 128th Ave SE.

Sunday, April 6th - Island Crest Park, Mercer Island
Only the second event on this new 1:7,500 scale 5-color map. If you didn't attend the last one due to the rain, don't miss this one! The area is more challenging than many of the other city parks. Located on Island Crest Way about two miles south of I-90.

Wednesday, May 14th, 5:30-7:00pm, Marymoor Park, Redmond
First evening meet of the year! Meet in the picnic area east of the mansion.

Mike Schuh will be hosting a party in his apartment (1706 NW 57th #3) on Saturday evening, March 15, starting at about 7:30pm. Besides his dynamic presence, the main attraction of the evening will be a slide show of his trip to Hong Kong, and the 1986 Asia-Pacific Orienteering Championships. Please RSVP (work 356-6241, home 783-3960) and bring some munchies or something to drink.

Mike Schuh will hold a short clinic on course setting on the last two Sundays in March (23rd and 30th). Both meetings will be at his apartment (1706 NW 57th #3) from 7:00 pm to 9:00pm and will cover such topics as the basic principles of course setting, differences between novice and advanced courses, how to keep the participants happy, mistakes to avoid, how to estimate winning times, the mechanics of course printing, how to use IOF control description symbols, how to tie markers on to trees so that they can be untied yet won't blow away, and anything else he thinks of between now and then. If you are interested in the clinic, please call Mike (work 356-6241, home 783-3960) and plan to attend. The clinic will be suitable for both those who have never set courses as well as those who have.

"All of the fountains of the great abyss burst forth,
and the floodgates of the sky were opened.
For forty days and forty nights heavy rain poured down on the earth...
Higher and higher above the earth rose the waters,
until all the highest mountains everywhere were submerged..."
[Genesis 7:11-12,19]

I looked out into the rainy pre-dawn gloom. It was incredibly wet and getting wetter. "If I see a line of animals walking by in pairs, I'll cancel the meet."

Don Denbo, the course setter for the day's meet, looked up from the pile of control markers he was sorting and agreed that that would be a proper course of action, especially if a large boat were to pull up to the nearby beach and begin loading the animals.

We were preparing to set out the last couple dozen markers for Cascade OC's local meet of Saturday, January 18. It was the third straight day of heavy rain in the Seattle area, heavier than usual, and we were questioning our sanity. Before the day would end, the rainfall would come close to setting a local record for 24 hour precipitation total - 4.14 inches. Thursday evening's weather had included thunderstorms with winds over 70 knots, and now it was still pouring. On Friday morning I had wondered what we would do if the bad weather continue through Saturday. On Saturday morning, faced with finding out first hand, I also wondered if anyone would show up.

The meet was in Seattle's Carkeek Park, in the northwestern part of the city along the shore of Puget Sound. In local orienteering circles, the park is infamous for its mud and steep slopes. During the spring and summer, the forest is quite thick with stinging nettles and general foliage. Aside from the weather, winter is the best time to orienteer in most of our city park maps, at least as far as visibility is concerned. But, as might be expected,

winter meets run the risk of inclement winter weather, heavy rains being the most common. The period of January 16-18, however, was exceptionally wet.

By 9:00 we had all of the control markers in place and I began to wonder if the rest of the meet staff would show up (our local meets begin at 10:00). One of the first cars to arrive, however, was a gentleman and his daughter out to try orienteering for their first time. A quick question confirmed my suspicion: like myself, they were natives of the Seattle area - a little bit of rain was not going to keep THEM indoors!

By 10:00 nearly all of my meet staff had arrived along with a surprisingly good turnout - a total of fifty-five individuals, plus the small handful of meet workers. Somehow we did not have enough control cards, and so everyone was obliged to punch along the edges of their maps. It turned out that this problem, and the corresponding complication of results processing, was the worst problem that we had all day. That and the fact that, for the first time in my experience, the map actually changed during the course of the event.

Now, stories of heavy rains and blizzards are plentiful in the growing folklore of American orienteering. There is the story of the [1984? 1982? - forget which year] Troll cup being buried under snow and subsequently rescheduled. Or the 1983 Missouri State Championships, where the rains turned "crossable streams" into "impassable rivers". But I have a story that might top even those legends.

Aware of the unfairness that rising stormwaters can introduce in an orienteering course, Don marked on a map corrections map and the master maps mandatory (and safe) crossing points. This worked well. But we began to get reports from some of the early finishers that not all of the 'crossing points'

were still crossable. Clearly, Pipers Creek, which runs the length of the map, was rising. Some of the tributaries were also rising, as Debbie Newell found out when she approached the seventh control on the advanced course.

As she considered going up the side stream that lead to the control, she saw a considerable mass of leaves, tree branches and similar debris moving down the stream to greet her. Deciding that getting into an argument with the debris was not really necessary and that she really was quite wet and that this meet was not really important, Debbie elected to retire from the course, a rare DNF for her. (Only five participants didn't finish.)

The story of the day, however, involved a storm drain system that failed. In the southeastern corner of the map a pair of 48 inch corrugated steel culverts bring the surface runoff from the surrounding residential area into Pipers Creek. Sometime in the mid morning, the culverts, clearly carrying more water than they were designed for, failed due to the water backing up inside them. That is, they began to leak and the leaking water began to erode the hillside.

Now this was no small matter. The culverts issued from a large concrete junction box about 35 meters above the creek bed. From the box, the culverts went down a 45 degree slope into the creek. Originally they were buried, but the erosion slowly exposed them. (The soil was mostly glacial sands and silts, which are readily eroded by running water. Solid bedrock is several hundred meters below the surface.) In time the flow of water removed all of the soil from around the pipes themselves and, one by one, the sections of the culverts began to break loose, falling into the ever growing chasm.

By noon, the resulting hole was large enough to cause concern to the local residents, whose houses were in clear danger of joining the used culvert

in the bottom of the hole. One family even began to move out! By 2:30, when Don and I went out to check out the situation, the concrete box was sitting on top of a brand spanking new 30 meter cliff and a very impressive waterfall was issuing from it. Looking down into the hole, Don remarked "That sure wasn't like that when I put out the markers." While we watched, a couple more sections of the culvert fell off, as did a fair amount of the cliff.

What had been an unassuming hillside with a pipeline right of way down it (marked on the map in yellow) had become a 'dangerous cliff' complete with waterfall and a dozen or more 'manmade objects' (the culvert parts). No way around it - we will have to re-fieldcheck the map.

Advanced course control number six was near by as was one of the crossing points. A good route used by many on the course was to cross Pipers Creek (from the trail on the north side) and then go diagonally up to number six. In the morning this was a ordinary route. By noon, the same route was decidedly foolhardy, involving hopping across the slippery culverts underneath a threatening waterfall and an unstable cliff. Fortunately no one protested - a changing map isn't covered in the USOF rules!

As for the rest of the meet, all went well. No one got hypothermia, there was some good competition on the high school league course, and everyone seemed to enjoy themselves. As he crossed the finish line, Mike Tharp, of the Nisqually Orienteers, sought out Don and with a smile said to him: "I've got two things to say - I've never had so much fun orienteering in my life.

Epilogue: The damage to the storm drains has been estimated to be on the order of one million dollars. The repair work included building an access road alongside the creek to the base of the new waterfall/cliff. We have have not made an estimate of the fieldwork required to update the map, nor has anyone volunteered to do it...

Orienteering Club Planning Committee Proceedings

The planning committee, comprised of Roger Sharp, Valerie Enger, Eileen Williams and Robert Miller, met on Friday, January 31.

The committee evolved the following proforma goals and guidelines for itself:

- o conduct orienteering brainstorming sessions
- o conduct orienteering club planning sessions
- o draft recommendations to the Board of Directors
- o focus on projects that
 - are specific,
 - use existing resources, and
 - produce large results with little effort
- o record planning committee proceedings
- o make records available to the club membership
- o meet on a needs basis
- o rotate planning committee members

The post-Carkeek Park O-meet brainstorming session notes were discussed and distilled. The responses to the question, "Why do we Orienteer?," were analyzed. The following themes seemed to emerge:

- o Social
- o Exercise
- o Outdoors
- o Challenge
- o Fun
- o Simple/Elegant/Accessible
- o Maps

The committee agreed these themes may be useful as possible goals for the Membership and the Board to use as a way of setting priorities.

The responses to the brainstorming question, "What do you want the club to do next?," were analyzed. The following activity clusters emerged:

- o Operations
 - Meets
 - Equipment
- o Development
 - Maps
 - Publicity

When these activities were prioritized on the basis of the planning committee guidelines, STREAMLINING emerged as the most salient activity within the first cluster, Operations.

Club dues

Please check the date on the mailing label to see when your membership expires; renew promptly if you want to continue receiving BEARING 315. Words of both thanks and welcome go to the following new or renewing club members: Elizabeth Anderson, Mia Barbera, Pat Boyle, Boy Scout Troops 16, 304, 367, Melissa Bridges, Rick Breseman, Robert Carlson family, Ardis Dull, Scott Elich, Nancy Engel, Dave & Valerie Enger, Mollie Fitzsimons, Harvey Friedman & Anne York, Will Gale, Tony Halstead, Joe Hudson, John Huth, Kent Jameson, Mary Ann Kozlovsky, Scott Kjosrvik, Ken Knapp, Laurie Kohli, Scott Lasater, Nancy Lewis, Michael Mahoney, Gary McCausland, Roger Mertens, Robert & Sandy Miller, Carl Moore, Mark Moulton, Debbie Newell & Arnold Kay, Ralph Olson, Tony Paulson, Brad Payne, Troy Pearson, Miguel & Sandra Reabold, Woody Rice, Hans Saxer family, Mike Schuh, Roger Sharp, Marcia Stein, J. E. Stone, Einar Storakers, Jan Vrana, the Waughs, Gena Wessman, Ken Wiljanen, Mike Wilson, Carl Zapffle.

MEMBERSHIP COORDINATOR = CAR POOL COORDINATOR??

WHY NOT?

Since there are many club members who might go to more meets if they could ride with some one else, I feel that as membership coordinator with the most current membership roster available, I can also handle arranging car pools for getting to meets. Any who have space in their vehicles, let me know and I'll try to keep a list so that those needing rides can be matched with someone living fairly close, preferably within the same ZIP code area. I suggest \$2 as a reasonable gas contribution though naturally if the car pools are to go to Canada, California, etc. then a fairer share should apply. So, any one who needs a ride to a meet call Harvey at 784-2774. For best results, call a week or so before you need the ride.

- Harvey Friedman

To the Editor,

This is a letter of thanks to Mike Schuh and the people from COC who helped with the WIOL. I think we had 17 kids who competed at least once this winter from our school. Even though they are not all great orienteers, they all enjoyed it very much. Our kids were impressed with the competitors from the other schools (and from Canada) and salute especially the Yelm Tornados. (Tornadoes?)

And I still don't know how Mike scrounged up all that extra stuff he gave out to the top kids after the meet. (Posters, Competition maps from Australia, etc) Thanks also go to Debbie and Arnold for the neat trophy.

Paul Moore
Wilson High

Cascade Orienteering Club
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Ardis Dull
1200 NE 143rd #222F
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Address Correction Requested



Cascade Orienteering Club

Club Officers:	President	Robert Miller
	Vice President	John Huth
	Secretary	Valerie Enger
	Treasurer	Eileen Williams
	Publicity	Roger Sharp
	Membership	Harvey Friedman
	School League	Mike Schuh
	Equipment	Debbie Newell/Arnold Kay
	Training	Jan Vrana

Membership Application

Check One: New ☐ Renewal ☐

Name

Address

City State Zip

Phone

☐ Family \$10.00

☐ Individual \$7.00

☐ Associate \$4.00 (under 18 years of age)

☐ Newsletter only \$5.00

If family membership, list other family members:

Send application and check payable to Cascade Orienteering Club to:

COC, PO Box 31375, Seattle, WA 98103