



Bay Area Orienteering Club

Presents



September 6-8, 2019

Santa Cruz County, California, USA

BULLETIN 2

September 1, 2019



Cabrillo College
Breakthroughs happen here.™



Orienteering USA



1. Introduction

The Bay Area Orienteering Club is pleased to invite all Orienteers to participate in the 2019 US Nationals Orienteering Championships. Races will have courses for all ages and abilities, and will be open to anyone. All the races will take place in the vicinity of Santa Cruz, California the weekend after Labor Day.

2. Orienteering Program

Event	Location	Eligibility	Type	Day	Date	First start	Courses close
Middle	Big Basin East	US Champs	NRE	Friday	Sept 6, 2019	1:30 pm	6:15 pm
Long		US Champs	NRE	Saturday	Sept 7, 2019	9:30 am	3 pm
Sprint	Cabrillo College	US Champs	NRE	Sunday	Sept 8, 2019	8:30 am	10:45 am
Relay						12:30 pm	2:15 pm
TrailO			NRE			8 am	12:15 pm

NRE = National Ranking Event



4. Schedule

Event	Location	Day	Date	Time
Early registration opens	www.BAOC.org	Sat	Jun 15	Midday
Last day of early registration	www.BAOC.org	Sun	Jul 28	11:59 pm
Last day to pre-register	www.BAOC.org	Sun	Aug 25	11:59 pm
Packet pickup. Event day reg.	Big Basin Park HQ area	Thu	Sep 5	1:00 pm – 6:00 pm
Model event	Big Basin			1:00 pm – 6:00 pm
Packet pickup. Event day reg.	Big Basin Park HQ area	Fri	Sep 6	Noon – 3:45 pm
Model event	Big Basin			10:00 am – 3:00 pm
Middle distance starts	Sky Meadow, Big Basin East			1:30 pm – 4:15 pm
Middle distance courses close	Sky Meadow, Big Basin East			6:15 pm
Packet pickup. Event day reg.	Big Basin Park HQ area	Sat	Sep 7	8:30 am – 11:30 am
Long distance starts	Sky Meadow, Big Basin East			9:30 am – 12:00 pm
Long distance courses close	Sky Meadow, Big Basin East			3:00 pm
OUSA Annual General Meeting	Cabrillo College			4:00 pm – 6:00 pm
Dinner	Cabrillo College Cafeteria			6:00 pm – 9:00 pm
Deadline for submitting team members for the Relay.	At packet pickup/registration any day or at Cabrillo College Dinner. Email submissions to registrar@baoc.org are also acceptable			8:00 pm
Packet pickup. Event day reg.	Cabrillo College Cafeteria	Sun	Sep 8	7:30 am - Noon
Sprint starts	Cabrillo College Amphitheater			8:30 am – 9:45 am
Sprint course closes	Cabrillo College			11:30
TrailO starts	Cabrillo College			8:00 am – 11:45 am
TrailO closed	Cabrillo College			12:15 pm
Sprint relay mass start	Cabrillo College Amphitheater			12:30 pm
Relay course closes	Cabrillo College Amphitheater			2:15 pm
Awards ceremony	Cabrillo College Amphitheater			2:00 pm

5. Event Notes

Start process for Middle, Long and Sprint

We are using a “Timed Start” in accordance with Championship norms. Therefore, Start times are pre-assigned, unless you are in an Open class. If you are late for your start, you must go to the “late start” lane, where you will be given a new start time. When you finish, you may appeal to the Organizers to have your late start time recognized as your actual start time. If the reason for lateness is the fault of the organizers, your new start time will be recognized. If the reason for lateness is your fault, you will be assigned your original start time. Bribes will probably not work.

Open classes will be given a start time at the Start.

Callup is start time minus 4 minutes.

Start procedure:

- T-4: Check bib, name, e-punch.
- T-3: Punch “Check”. Study map or course corrections, if any.
- T-2: Control descriptions. There will be clear sticky tape available.
- T-1: Write name and/or Bib number on back of map.
- T-0: Turn over map and start.

Beginning of Navigation: After starting, competitors shall run to a common “Beginning of Navigation” bag located at mapped start triangle. There is no electronic punch on this bag.

Quiet zone: This is a National Championship meet. Please respect the quiet zone at the start.

Start lanes:

- The left lane is for women’s classes
- The middle lane is for men’s classes
- The right lane is for open classes and late starters



Big Basin Middle and Long

Driving directions and Parking: Big Basin Redwoods State Park is 25 miles northwest of Santa Cruz via Highways 9 and 236 and about 65 miles south of San Francisco. All roads into Big Basin are curvy. From Hwy 9 in the town of Boulder Creek, turn north onto Hwy 236 and Park Headquarters is 9 miles down the highway.

Parking is at Big Basin Redwoods State Park Headquarters. There is a fee (\$10 per car) to park, payable at the entrance kiosk, if it is open, or at the Park Headquarters otherwise. Credit cards and cash are accepted. The location of the entrance to the parking is: [37.172313, -122.222010](tel:37.172313,-122.222010)

Registration and Packet Pickup: Registration and packet pickup will be at Big Basin Redwoods State Park, outside the grocery store. The grocery store is located 80 meters NNW of Park Headquarters.

Shuttle to Arena: There is no parking at the Arena. There will be a shuttle bus to take you to and from the Arena. The shuttle bus leaves from and returns to the Bus Turnaround just northeast of the Grocery store, which is 80 meters NNW of Park Headquarters. **YOU SHOULD ARRIVE AT THE SHUTTLE AT LEAST 75 MINUTES BEFORE YOUR START TIME.** Please allow folks with earlier starts to get on the bus first. The bus schedule is:

Friday September 6, 2019			
Bus 1		Bus 2	
Leaves Big Basin Park HQ	Leaves Sky Meadow Campground	Leaves Big Basin Park HQ	Leaves Sky Meadow Campground
12:00 PM	12:15 PM	12:15 PM	12:30 PM
12:30 PM	12:45 PM	12:45 PM	1:00 PM
1:00 PM	1:15 PM	1:15 PM	1:30 PM
1:30 PM	1:45 PM	1:45 PM	2:00 PM
2:00 PM	2:15 PM	2:15 PM	2:30 PM
2:30 PM	2:45 PM	2:45 PM	3:00 PM
3:00 PM	3:15 PM	3:15 PM	3:30 PM
3:30 PM	3:45 PM	3:45 PM	4:00 PM
4:00 PM	4:15 PM	4:15 PM	4:30 PM
4:30 PM	4:45 PM	4:45 PM	5:00 PM
5:00 PM	5:15 PM	5:15 PM	5:30 PM
5:30 PM	5:45 PM	5:45 PM	6:00 PM
6:00 PM	6:15 PM	6:15 PM	6:30 PM

Saturday September 7, 2019			
Bus 1		Bus 2	
Leaves Big Basin Park HQ	Leaves Sky Meadow Campground	Leaves Big Basin Park HQ	Leaves Sky Meadow Campground
8:00 AM	8:15 AM	8:15 AM	8:30 AM
8:30 AM	8:45 AM	8:45 AM	9:00 AM
9:00 AM	9:15 AM	9:15 AM	9:30 AM
9:30 AM	9:45 AM	9:45 AM	10:00 AM
10:00 AM	10:15 AM	10:15 AM	10:30 AM
10:30 AM	10:45 AM	10:45 AM	11:00 AM
11:00 AM	11:15 AM	11:15 AM	11:30 AM
11:30 AM	11:45 AM	11:45 AM	12:00 PM
12:00 PM	12:15 PM	12:15 PM	12:30 PM
12:30 PM	12:45 PM	12:45 PM	1:00 PM
1:00 PM	1:15 PM	1:15 PM	1:30 PM
1:30 PM	1:45 PM	1:45 PM	2:00 PM
2:00 PM	2:15 PM	2:15 PM	2:30 PM
2:30 PM	2:45 PM	2:45 PM	3:00 PM
3:00 PM	3:15 PM	3:15 PM	3:30 PM

Walk from Arena to Start: Middle: There is a 1.2 km walk from the Arena to the Middle Start. Please allow at least 15 minutes. **Long:** The walk from the Arena to the Long Start is negligible.

The Big Basin Arena is located at Sky Meadow Campground.



Ba=Bathrooms

Bus=Bus dropoff and pickup

Cw=Child watching

D=Download

Reg=ePunch Registration

RR=Results

S=Long Start

String=String-O course

Trail=Trail-O model



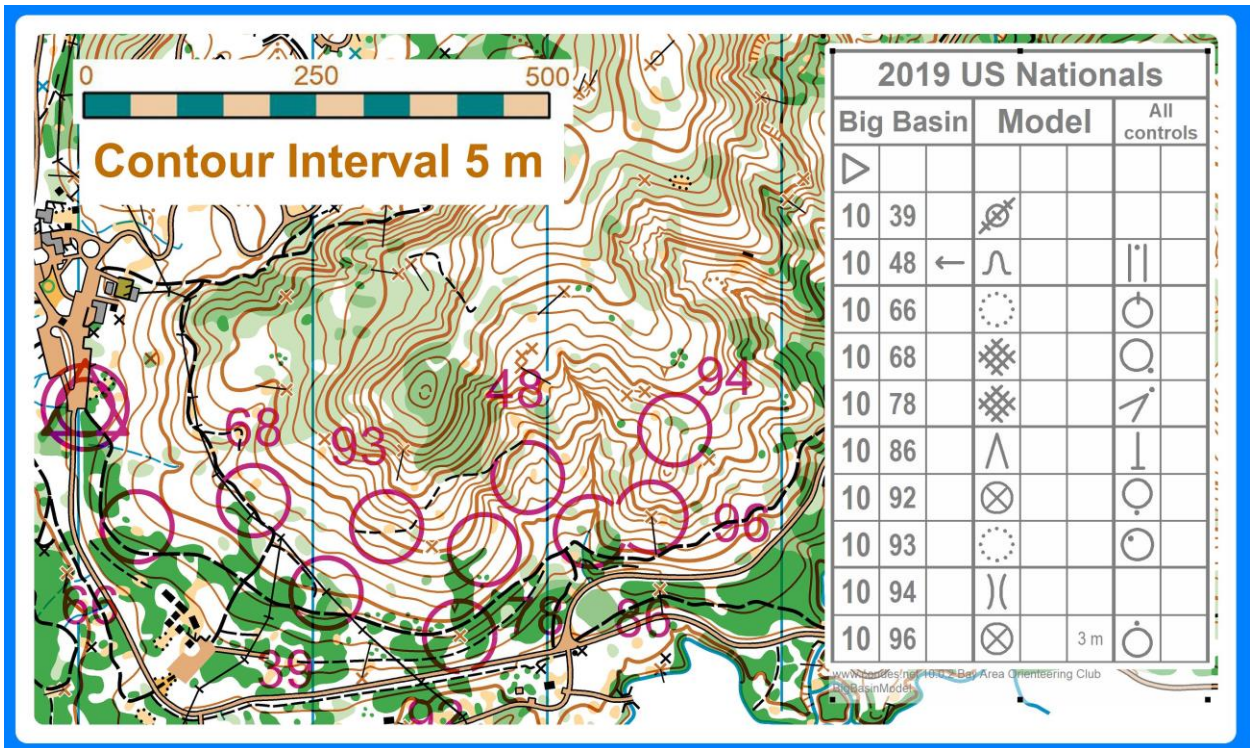
The meadow is out of bounds

Model Event at Big Basin

The model course has been set very close to Big Basin Park HQ and our packet pickup location. It consists of 10 controls in a Score-O format, with a range of difficulty including advanced beginner, intermediate and advanced. It has been designed to acquaint newcomers to the redwood forest with the types of terrain and topographical features you will encounter on the weekend's courses. On average, the Middle and Long course area is less steep than the Model area. The good news is that no control on the Model course is more than 150 m straight-line distance or 40 m climb from a major hiking trail.

The SI units used for both the Model and the Middle have the control numbers underlined, so the generally banned numbers such as 66, 68 and 86 can be used unambiguously. Don't be surprised to see a few of these numbers on the Model, but none are used on the Middle courses.

The model event map will be available at packet pickup. For those who need it, here is a lower-resolution copy. Please use the scale on the map to judge distance.



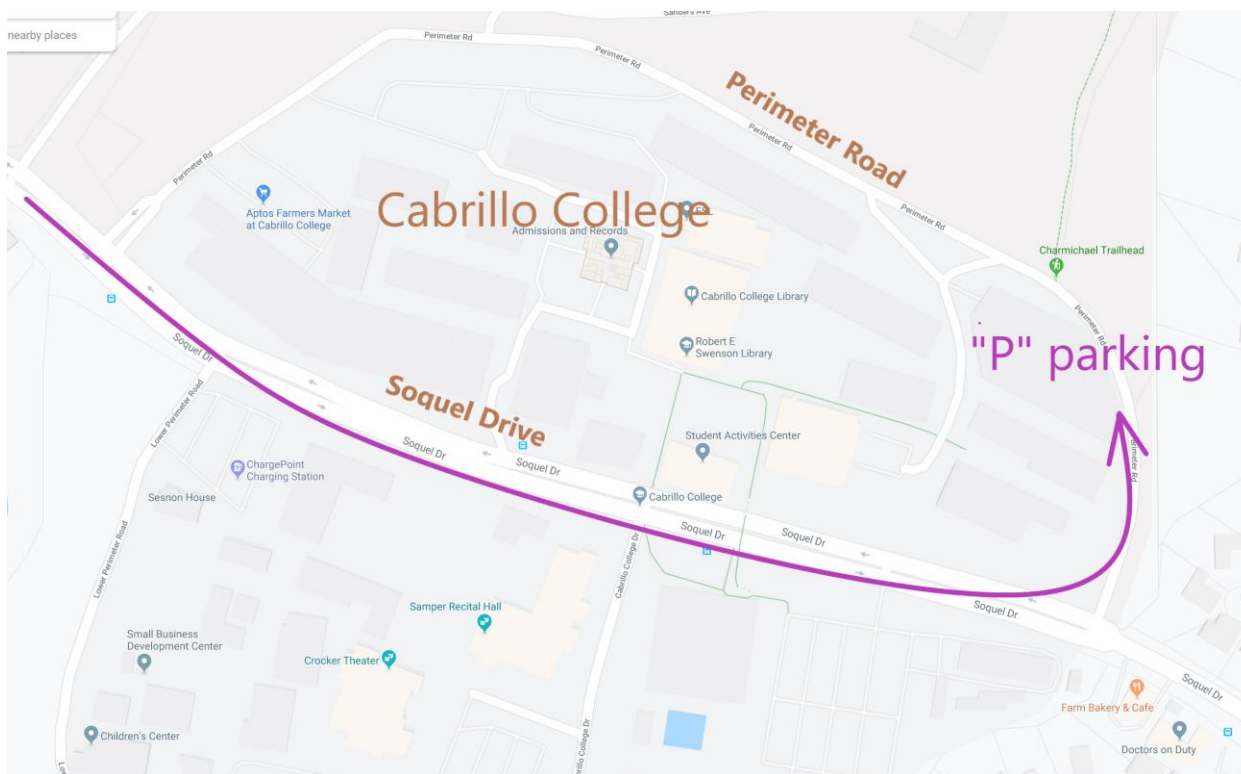
Cabrillo College Sprint, TrailO and Relay

Driving directions to the Event Center and Parking:

For embargo reasons, you must follow these directions. From Santa Cruz, take California Highway 1 south. Take exit 436 onto Park Avenue in Capitola. Head north for 0.5 miles and then turn/veer right onto Soquel Drive. Head east on Soquel drive for 1.2 miles to Perimeter Road. Note that Perimeter Road is a loop. Take the second (eastern) Perimeter Road left turn, proceed 250 meters and turn left into Parking Structure “P”. Park on the second floor. There is a \$4 fee to park, payable by credit card at a kiosk. The location of the entrance to the parking is: [36.988816, -121.921607](https://www.google.com/maps/place/36.988816,-121.921607)

Mandatory route from Parking to Event Center: Exit the parking structure at the stairs located in the southwest corner. There will be signs inside the parking structure to guide you. Follow the signs and chalk marks on the pavement to the Cabrillo College Cafeteria, which is the event center.

Registration and Packet Pickup: Registration will be in the Cabrillo College cafeteria.



Dinner and OUSA Annual General Meeting

The OUSA AGM will be held on Saturday from 4-6 pm in the Cabrillo College Cafeteria.

Dinner will be served at 6:30 pm. There will be two meat dishes, one vegetarian dish, drinks, salad, breads and dessert.

See directions above. Please follow the prescribed route, and do not violate the embargo.

6. Middle Event Course Details

Course Designer: Nick Corsano, BAOC

Course Vetter: Misha Kreslavsky, BAOC

OUSA Advisor: Jonas Kjall, Centrum OK

Model Courses: At Big Basin Park Headquarters on Thursday afternoon and Friday morning

Start opens: 1:30 pm. Start times are pre-assigned.

Maximum time allowed: 2 hours. **Courses close:** 6:15 pm

Distance to Start: 1.2 km

Start line to Beginning of Navigation: 120 meters

Welcome to Big Basin, California's oldest state park, and home to some of the most magnificent redwood forests in the region. Among orienteers, Big Basin is also notorious for its steep hillsides, but these Middle courses are set in the most benign section of the park (we are in the "basin" part of Big Basin). You will still find bits of very steep terrain, especially along the banks of the larger creeks, and on the hillside at the far eastern edge of the map, where only the longer advanced courses (9-12) extend. Runners are advised to wear cleats or hiking shoes with good tread.

The Map

The LIDAR-generated contours (5m contour interval) are quite accurate, and will help runners distinguish between the steep, the very steep and the suicidally steep. Vegetation has been carefully mapped, in particular clearings and thickets. Refer to the Long Event notes for a fine description of the vegetation.

Start

The Start is a 1.2 km walk from the assembly area, with a climb of around 35 m, mostly along a paved road. The route is marked with blue streamers. After completing the start process described earlier, at their assigned start times competitors will pick up their maps, and run along the road for about 120 meters. There, a bag without a punch marks the center of the Start Triangle. Competitors must pass this bag before beginning navigation to their first control.

Finish

The Finish of all courses is at the Sky Meadow assembly area. Note that courses close at 6:15 PM. Everybody must check in at the Finish and download their e-stick, whether they complete their course or not.

Courses

There are many controls in the area, they are close to each other. Remember to check the control numbers!!!



Course	Classes	Length (km)	Climb (m)	Climb (%)	Controls	Water	Map Scale
1	F-10, F-12, M-10, M-12, Open 1	1.7	55	3.2%	12	0	1:7500
2	F-14, M-14, Open 2	2.1	110	5.2%	13	0	1:7500
3	Open 3	2.2	130	5.9%	10	1	1:10000
4	F-16, M-16, Open 4	2.9	155	5.3%	13	1	1:10000
5	F65+, F70+, F75+, F80+, M75+, M80+, Open 5	2.0	125	6.3%	10	1	1:7500
6	F-18, F55+, F60+, M65+, M70+, Open 6	2.4	160	6.7%	11	1	1:7500
7	F45+, F50+, M60+	2.7	160	5.9%	11	1	1:10000
8	F-20, F35+, F40+, M-18, M50+, M55+, Open 7	2.9	180	6.2%	12	1	1:10000
9	F-21+, M-20, M35+, M40+, M45+, Open 8	3.4	230	6.7%	16	1	1:10000
10	M-21+	3.7	260	7.0%	18	1	1:10000
11	F21+ Elite	3.6	230	6.4%	15	1	1:10000
12	M21+ Elite	4.1	260	6.3%	18	1	1:10000

Trails

All the mapped trails which runners will encounter in the first part of their courses are abandoned footpaths or vehicle tracks. Where they are mapped, they are easily visible, but because they have not been maintained, they are strewn with downed branches, occasional fallen trees and encroaching underbrush. Runners will need to find their way over, under or around such obstacles.

One trail segment is of particular importance to the runners on courses 1 and 2. There is a short (less than 10m) passage where runners will have to squeeze between an earth bank and the branches of fallen trees. This segment is marked with streamers, and is not as daunting as it may look at first. The passage is too short to be noted on the map in any meaningful way, so it just shows an ordinary trail junction once one emerges from the fallen trees.

Hazards

There is a road which encircles the area. It is very lightly traveled, but runners should stay alert. Course 2 (F-14, M-14, Open 2) is most likely to see vehicle traffic, so runners should stay close to the side of the road, and cross it with care.

Poison oak is very sparse in most of the area used. Runners on the longest advanced courses are likely to spot some, but it is easy to avoid.

Be cautious near the banks of creeks, and use your judgment in selecting spots to cross. There is some water in the larger creek beds, but the smaller ones are all dry.

Ticks and yellow jackets have been encountered (infrequently). The worst of mosquito season has also passed.

Out of bounds

There are two groups of ranger residences on the map, and they have been marked out of bounds. You may run on the road in front of them or in the forest behind them, but not in their yards. The large meadow for which Sky Meadow is named is also marked out of bounds to allow the vegetation to revive.

7. Long Event Course Details

Course Designer: Misha Kreslavky, BAOC

Course Vetter: Dan Greene, BAOC

OUSA Advisor: Jonas Kjall, Centrum OK

Model Courses: At Big Basin on Thursday afternoon and Friday morning

Start opens: 9:30 am. Start times are pre-assigned.

Maximum time allowed: 3 hours

Courses close: 3:00 pm

Distance to Start: 50 meters

Start line to Beginning of Navigation: 65 meters

Terrain

Big Basin is beautiful to look at, but challenging to run through.

Terrain is covered with diverse forest. Because of fallen trees, branches and twigs, it is often difficult to run through the forest. Thick fallen trees (not mapped) are significant obstacles. There are patches of thin or thick undergrowth; patches of chaparral and huckleberry undergrowth which are (near) impossible to cross. There are a few woodcutting areas with logs on the ground.

Topography is also diverse and complicated. Terrain is often steep: the steepest slopes are difficult and slow to cross in any direction. In addition to climb, slope steepness is a major factor in route choice. Long major reentrants and canyons are especially difficult to run in because of steepness and fallen trees.

Small watercourses are dry; some of them are indistinct. Major streams have water; they can be difficult and slow to cross because of steepness.

The meadow next to the arena is out of bounds, do not cross it.

Map

Map scale: 1:10,000, contour interval: 5 m. The map is new, its quality is very good.

Runnability of “white” forest varies depending on fallen trees and branches. Forest mapped as light green is thicker than “white” or has some undergrowth, but it is still runnable. Intermediate green marks dense undergrowth; it is very slow. Solid green marks dense huckleberry bushes or chaparral that are (mostly) uncrossable. Some boundaries of the thickets are very distinct and are used as control locations, while other boundaries are not sharp.

Brown X's mean tall rootstocks; only a few of them are mapped, many big rootstocks and huge stumps are not mapped. Black X's mean different artificial objects, many of them are old electric line poles without electric line.

Hazards

Rocky cliffs and some very steep slopes are dangerous. Mapped rock cliffs are not crossable. Dangerous or just extremely steep slopes along Union Creek, the main watercourse on the map, are marked out of bound. Crossing those areas makes no sense, it would be either impossible or very slow; choose other routes.

There is a little bit of Poison oak in the easternmost part of the map (longer advanced courses only).

Yellowjackets are in season (the vetter was stung). It seems there are no yellowjacket nests near the controls. Ticks are not in season, but still there are some.

A few mountain lions are known to live in the area (<http://www.santacruzpumas.org/puma-tracker/>), but we haven't seen them. It is extremely rare for anyone to encounter a mountain lion during the daytime. In 30+ years of orienteering in the Bay Area, we know of no reports of sightings by orienteers.

The routes follow or cross a few roads. Traffic is very light, but still caution is needed.

Long Courses

Map scales are all 1:10,000.

Long course 1 notes (Easy Beginner, F-10, M-10, F-12, M-12, Open 1)

Course 1 follows trails and roads; you will need to recognize them on your map, on the terrain, and make the correct turns at the junctions. There is no trail between controls #5 and #6; the way between those controls is marked with pink streamers. Follow streamers!

Long course 2 notes (Advanced Beginner, F-14, M-14, Open 2)

You will mostly run on trails, but your controls may not be seen from the trails, you need to leave the trail at a correct place and in the correct direction, then you will see the control. Other linear features ("handrails"), for example electric power lines, will also help you to find your way.

On your way between controls #4 and #5, follow streamers. You must follow the marked route there, do not shortcut (marked is the fastest route, actually).

Notes for all other Long courses

Some sensible routes go close to ranger residences, but no sensible routes cross them. The residences are out of bounds. You may run on the roads next to them, in the forest next to them, but not between houses and not on the backyards. Please, do not disturb the residents.

All courses cross Huckleberry Campground. Please, use roads and trails between the sites, when possible, and do not run over the tents and people. There are (mapped) huckleberry thickets between the campsites, therefore shortcutting through the campsites usually does not make sense.

There are many controls in the area, they are close to each other. Check the control numbers!!!

Course	Classes	Length [km]	Climb [m]	Climb [%]	Controls	Water stops	Navigation difficulty
1	F-10, F-12, M-10, M-12, Open 1	2.4	90	3.8	9	1	Beginner
2	F-14, M-14, Open 2	2.8	110	3.9	10	1	Advanced beginner
3	F-16, Open 3	3	180	6	6	1	Intermediate
4	M-16, Open 4	3.3	235	7.1	7	2	Intermediate
5	F65+, F70+, F75+, F80+, M75+, M80+, Open 5	2.3	135	5.9	10	1	Advanced
6	F-18, F55+, F60+, M65+, M70+, Open 6	2.8	165	5.9	7	1	Advanced
7	F45+, F50+, M60+	3.7	230	6.2	9	2	Advanced
8	F-20, F35+, F40+, M-18, M50+, M55+, Open 7	4.5	290	6.4	11	2	Advanced
9	F21+, M-20, M21+, M35+, M40+, M45+, Open 8	5.8	390	6.7	12	2	Advanced
10	F21+Elite	7.1	465	6.5	17	3	Advanced
11	M21+Elite	9.0	570	6.3	21	5	Advanced

8. TrailO Event Details

Course Designer: Jay Hann, BAOOC

Course Vetter: Gavin Wyatt-Mair, BAOOC

OUSA Advisor: Mika Latva-Kokko, NEOC

Model Courses: At Big Basin Long on Saturday and at Cabrillo College Cafeteria on Sunday.

Start opens: 8:00 am. Start times are pre-assigned.

Course closure: 12:15 pm

TrailO Map Information

Brand new 2019 ISSOM standard sprint map, by Rex Winterbottom and Bob Cooley. Contour interval: 2.5 meters. Scale: 1:4,000

The diameter of the map circles is 6cm.

Course technical information

The TrailO is a TempO

Timed Controls 6x5

Total Length 800m

Climb 10m

Event Center Parking: on 2nd floor of Parking lot "P". Cost is \$4; entrance is at: [36.988816, -121.921607](#)

This parking is for the Sprint and Relay Arena. The TrailO Start is remote.

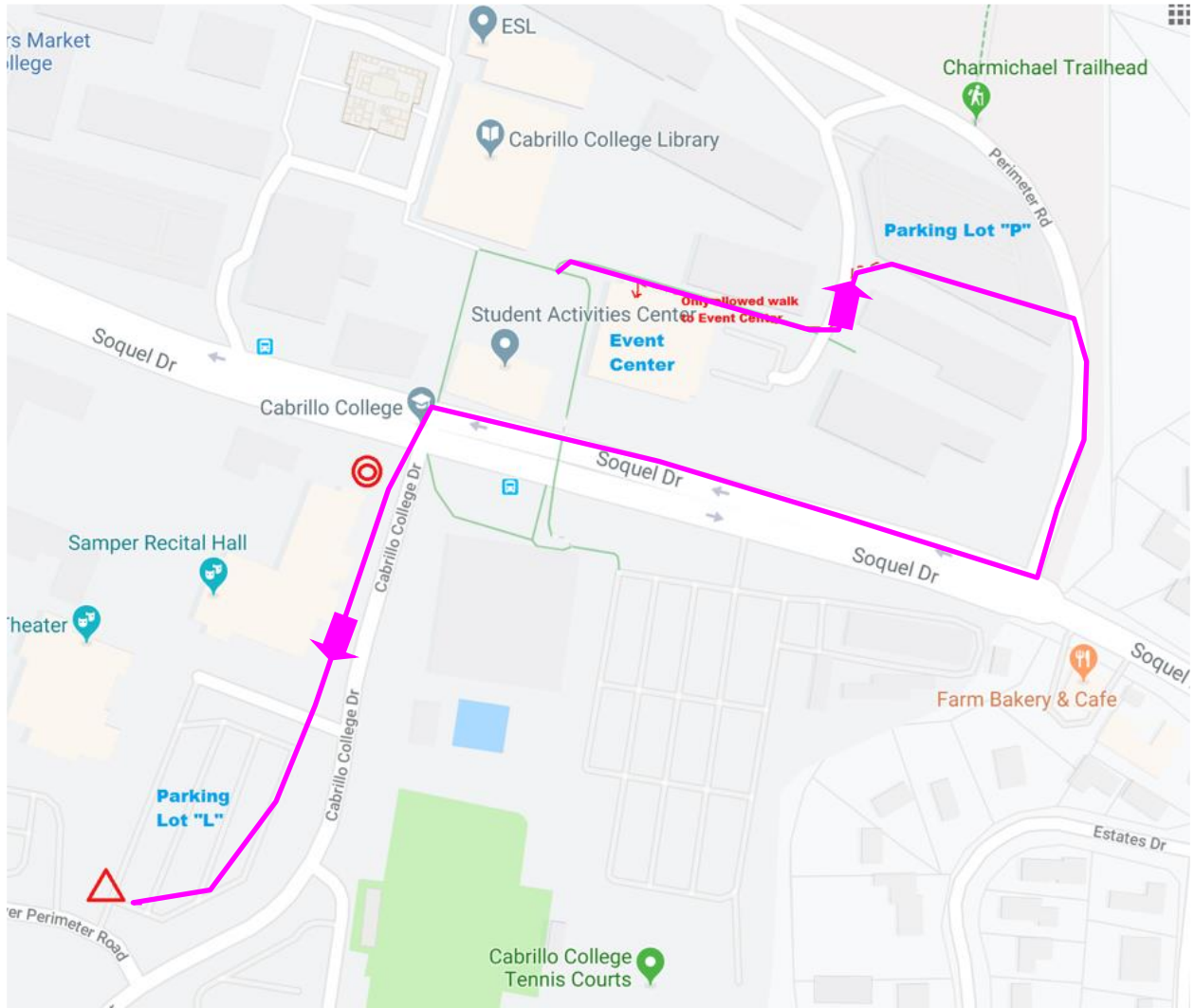
Driving Directions to the TrailO Start: Start location is at [36.986438, -121.926683](#)

From Parking Structure "P", head south on Perimeter Road, turn right onto Soquel Drive, and left onto Cabrillo College Drive. Park in Lot "L" on the west side of Cabrillo College Drive. Parking tickets for Parking Structure "P" are also valid for Parking Lot "L".

It is recommended to drive to the TrailO if possible, in order to avoid violating the embargo.

TrailO Start is in the southwest corner of Parking Lot "L".

Walking Directions (not recommended): 1.1 km, allow 15 minutes. From the event center go back to Parking Lot "P". Exit Lot "P" on the east side to Perimeter drive. Walk south on perimeter drive to Soquel Drive. Walk west on Soquel Drive to the traffic light at Cabrillo College Drive. Cross to the southwest corner and walk down to Parking Lot "L".



TempO Competition

There will be no quarantine.

There are no pushers scheduled. If you require a pusher please contact the meet director.

There will be 6 timed stations, each with 5 tasks and 6 flags

Each participant will be issued a SPORTident finger stick at the Start. This finger stick is to be used to supply all task answers by punching the corresponding control unit. There will be 8 control units at each station, labeled with:

Station 1 Start

Station 1 A Alpha

Station 1 B Bravo

Station 1 C Charlie

Station 1 D Delta

Station 1 E Echo

Station 1 F Foxtrot

Station 1 Z Zero

When you get close to the station you will wait at a holding point until the station volunteer invites you to approach. When seated you will be asked if you want bound or loose maps. Then the six flags will be pointed out to you.

Once you have seen the six flags then you will punch the "Start" control, at which point you may turn to the first task page. You then need to punch the answer to that task. This continues until you have punched 5 answers. There are no sequential tasks with the same answer. If you make a mistake on one task and the next task's answer is the same, then make sure that there is an 8 second gap between those two punches so that your stick will register the second punch from the same control.

When you have completed the station, then proceed to the next station following the chalk marks on the pavement.

Services: Toilets are available at the event center. There is no water on course.

Results: Results will be available at the event center after the course closes.

Zero Tolerance



The tolerance for zero controls placed at the same contour, area or line feature is always at least 5 meters.

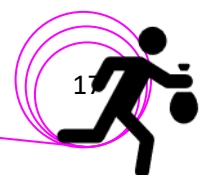
The tolerance for positioning “zero” controls on point features is always at least 135 degrees for TempO competitions.

Model TempO Events



All situations described in the above topics will be shown and demonstrated on the relevant Model Events prior to the Official Competition. One of the Model events is available at the Big Basin arena. The other Model event is available at the Cabrillo College Sprint/Relay Arena.

9. Sprint Event Details – Cabrillo College

1. The Cabrillo College campus has been mapped to ISSOM standards in 2019 by Rex Winterbottom and Bob Cooley. It’s a NEW MAP!!
2. The Sprint courses were designed by Erin Schirm, and vetted by Jay Hann and Gavin Wyatt-Mair. Jonas Kjall is the OUSA adviser. Compliments as well as culinary and pecuniary appreciation will be accepted at the cafeteria. Complaints may be lodged with the State of California Department of Corrections, Alcatraz, at noon on February 30th.
3. The campus covers approximately 0.5 square kilometers, with many buildings, structures, paths, walls and fences interspersed with cultivated planters and some wild vegetation.
4. The map scale is 1:4,000, with 2.5 meter contours.
5. Start times are pre-assigned. Lateness is very uncool.
6. The campus is divided into three sections by two roads. The north section slopes gently upwards, contains many multi-level buildings, and is the location for the arena and the sprint courses. The southeast section comprises numerous sports fields and sporting facilities, and is essentially flat. The southwest section is also flat, with mainly single-level buildings, and is the location for the TrailO course. The relay covers the entire campus.
7. **The busy street (Soquel Drive) that crosses the campus East-West is OUT OF BOUNDS to competitors. There are NO sensible routes that touch Soquel Drive proper.**
8. For those folks who are not aware: **Olive Green** objects are OUT OF BOUNDS and may not be stepped upon, stepped over or even leaned over; thick black line objects MAY NOT BE **CROSSED** by any part of you or your equipment. It does not matter how small  the object is... don’t encroach!
9. There are many lamp posts of various heights and diameters all over campus; they are not mapped. 
10. Examples of important unusual mapping features are shown on the following pages.



Competitors are encouraged to familiarize themselves and fully understand the mapping style for these features.

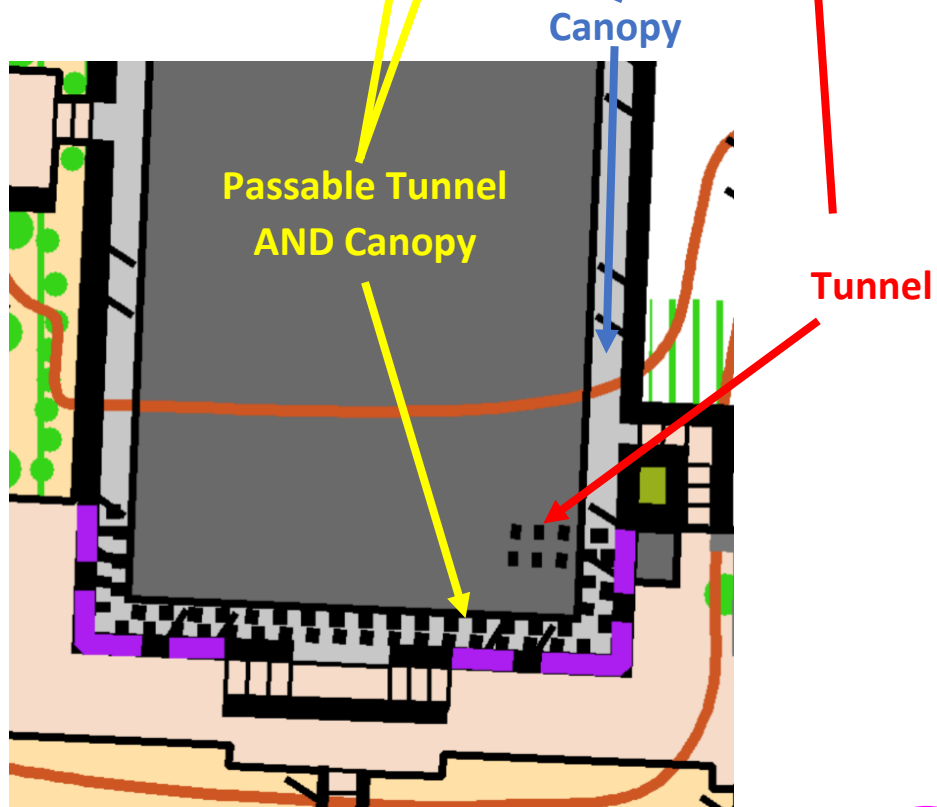
11. There is no sprint model course.
12. The Arena, Start and Finish are all within 30 seconds walk of each other. 
13. There are spectator legs.
14. Start line to Beginning of Navigation: 30 meters
15. Cabrillo College is a challenging venue to map, primarily because of the many multi-story buildings with canopies, tunnels, walls and fences that cannot easily be represented in two dimensions. In order to fairly and consistently represent runnability and route choice options, the mappers decided to use a special symbol – a purple dashed line  to represent barriers that are not crossable on the upper level, but are crossable on the lower level. An example is shown in detail later.

Sprint Course statistics

Course	Distance [km]	Climb [m]	Controls	Women's Classes	Men's Classes	Open Classes	Map exchange
1	2.8	90	27	21+E, 21+	-20, 21+E, 21+, 35+, 40+, 45+		Yes
2	2.3	75	21	-16, -18, -20, 35+, 40+, 45+, 50+	-16, -18, 50+, 55+, 60+	3, 4	No
3	1.8	55	15	-10, -12, -14, 55+, 60+, 65+, 70+, 75+, 80+	-10, -12, -14, 65+, 70+, 75+, 80+	2, 1	No

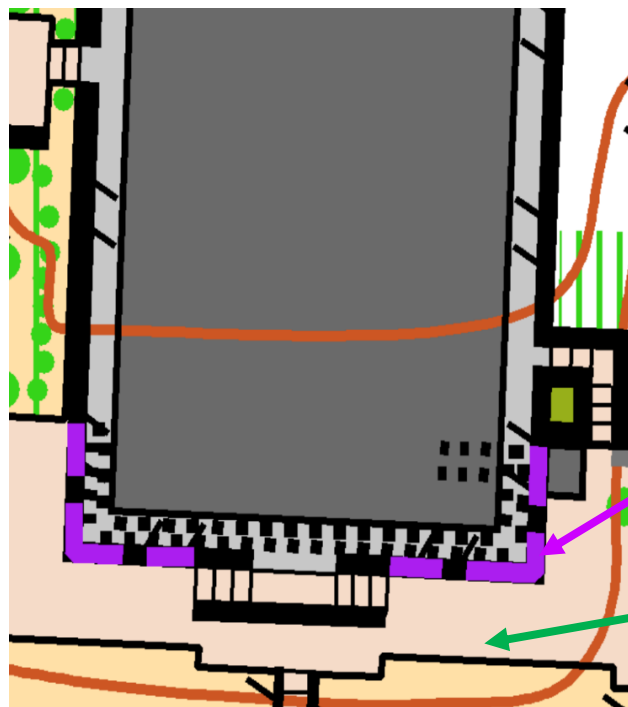
Women may compete in Men's classes.

Special notes: Here the TUNNEL symbol is used in conjunction with the CANOPY symbol. The TUNNEL indicates that the place is passable on the lower level, under the CANOPY level. Note that the dotted lines representing the "walls" of the "tunnel" on the lower level are displaced inward a bit so they are not obscured by the lines representing the uncrossable fence on the upper level. In the example, this results in a sort of checkerboard pattern; think of those two dotted lines as being displaced towards the darker lines next to them and you will see that the two dotted lines are telling you that the lower level is passable and has the same width as the passable upper level.



A special symbol – the purple dashed line – is used to show where a barrier such as a FENCE or WALL is un-crossable at the upper level, but is crossable or does not exist at the lower level. The purple dashed lines, which are interspersed with black segments, are a generalization indicating that you can pass through, not an exact representation of openings between pillars.

Also, note that the map shows the lower-level walkway at the lower right ending at about the same place as where the tunnel enters the building, but in the photo you can't see the lower-level walkway ending. Rest assured that the lower-level walkway does indeed end just off the right edge of the photo.



Uncrossable fence on upper level, BUT crossable on lower level

No lamp posts are mapped



10. Relay Event Details

Course Designer: Erin Schirm, BAOC

Course Vettors: Jay Hann, Gavin Wyatt-Mair, BAOC

OUSA Advisor: Jonas Kjall, Centrum OK

Deadline for submitting relay teams: 8:00 pm Saturday September 7

Demonstration of map exchange: 12:15 pm. Hilarity is encouraged.

Mass Start: 12:30 pm

Mass Re-start: 1:30 pm for all remaining competitors

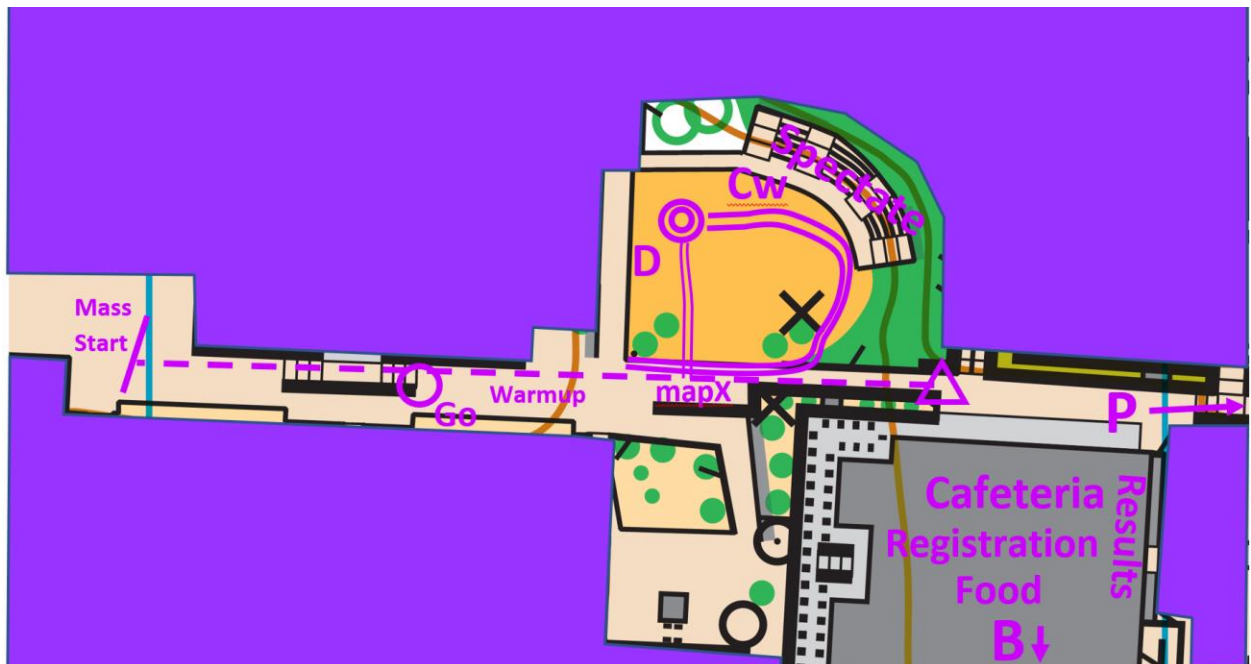
Mass Start line to Beginning of Navigation: 120 meters

Course closure: 2:15 pm

Arena Location: [36.989259, -121.924145](#)




Parking on 2nd floor of Parking Structure P costs \$4; entrance is at: [36.988816, -121.921607](#) There is a 220 meter walk from “P” Parking to the Arena.

Relay Arena



B=Bathrooms; Cw = Child watching; D=Download; mapX=map eXchange; P=Parking structure “P”


The Relay Course:

- a. The relay is a Sprint relay. There is only one relay course.
- b. Course statistics: Each leg of the relay is approximately equal in length, difficulty and climb. Length: 3.1 – 3.3 km (straight line). Climb: 50 meters. Number of controls: 25 
- c. All CLASSES compete on the same course. Team classes are based on a points system, described elsewhere in this Bulletin. The team has the option to 'move up' to a more difficult category, i.e. a category with fewer points.
- d. The course is designed for teams of 3. Relay teams must comprise three runners. 
- e. The course uses the entirety of the Cabrillo College map. This includes the areas used for the US Nationals Sprint Championships, as well as the TrailO event.
- f. Forking:
 - i. The course has leg-forks, resulting in 36 unique permutations of the course. Following another competitor is risky, because it is very unlikely that you will have the same forks. 
 - ii. TEAMS end up doing exactly the same forks, but with different forking order.
- g. There are spectator legs. We encourage cheering, laughing and generally raucous behavior as you and your team-mates navigate at blinding speed sans mistakes.

Eligibility:

- a. Everyone can participate.
- b. To be eligible for the club championship, all team members must be members of the same club.
- c. Non-eligible “Open” teams are welcome and will be recognized in the awards ceremony.

Safety:

- a. The busy street (Soquel Drive) that crosses the campus East-West is OUT OF BOUNDS to competitors. There is a bridge that crosses Soquel Drive, and it is compulsory for Relay competitors to cross the street using this bridge. There are NO sensible routes that touch Soquel Drive proper.
- b. Every leg of the Relay crosses Cabrillo College  Drive twice. **Competitors must exercise special caution when crossing this road.** Competitors must use caution when crossing this street, even though it is not so busy. Remember, this event is for FUN, and you should not risk serious injury or accident just for fun!

The map:

- a. The map is a brand new 2019 ISSOM sprint map, by Rex Winterbottom and Bob Cooley.
- b. The ISSOM map scale is 1:4,000, with 2.5 meter contours.
- c. The Relay maps are printed using different software from that used to print the Sprint maps. There are technical reasons for this; ask someone like Newton or Einstein for an explanation.

- d. Because the map printing software is different, some details from the Sprint maps will not show on the Relay maps. In particular, the “special” purple line symbol that denotes a crossable lower level is not on the Relay map.
- e. The absence of the “special” symbol should not affect you much, if at all. Of course, you may still wish to complain in person at Alcatraz on February 30 at noon – that is your prerogative, and we do encourage you to diligently exercise your First Amendment rights.
- f. Maps will be marked on the back with your team name and number, leg number and other information.
- g. Special symbols: The relay competition area overlaps the Sprint competition area. Please refer to the Sprint Event details for additional information. **Note that there is a special purple-and-black dashed line symbol described in the Sprint Details section above; this special symbol is NOT shown on the Relay map.**
- h. Control descriptions: Control descriptions are only printed on the map; loose control descriptions are not provided. As per relay convention, the control code is also printed on the map next to the control number. There are many controls near one another. Make sure you check your codes.

Warm-up area: There is a warm-up map area near the map exchange. There will be no warm-up maps provided.

Clothing drop: None, because the Start, Exchange and Finish are all in the arena.

Start procedure: Every competitor must have their own cleared-and-checked E-punch stick. The Mass Start location is situated west of the map exchange, which is at the arena. At the start, the first-leg runner of each team will be arranged numerically based on team number. For the relay, teams will be arranged in three lines based on their Points class: Select, 4+point and 8+point. First-leg runners will be given a rolled or face-down map by an official. When you get the map, you must make sure that the map has your team’s number on it. It is always the competitor’s responsibility to check that the map is the correct one, both at the Start and in the exchange. The start signal for the relay will be an airhorn or equivalent. You may not move forward before the start signal. Teams that false start or cause others to false start will be howled at and may be disqualified. There is a mandatory 120m coned route from the starting area to the start control (the actual starting point). There is no SI unit at the “Start of Navigation” Flag.

Map exchange: There is a partially-marked route (the chute) from the last control to the Finish Line. All competitors must proceed through the chute and punch the Finish control. They must then drop their maps, and continue through the chute to the Map Exchange lineup. Find your team’s map for the next runner. Check that the map is the correct one: it will have your team name and number and the number of the next leg. Pass the map to the next runner of your team waiting on the other side of the exchange, and then proceed to the Download station. It is the competitors’ own responsibility to make sure they take the correct map. It is also the leaving competitors’ own responsibility to check they have received the correct map. Taking the wrong map will lead to tongue-lashing, jeering and even disqualification. If there is no map for your team at the exchange, the arriving competitor should report this to the official located at the exchange area. The official will guide the outbound competitor to the point where a new map will be provided. Only competitors wearing bib numbers may enter the exchange area. Clear and check units are located

in the warm-up/waiting area adjacent to the exchange zone. The arriving competitors coming from the terrain for an exchange can be seen from the warm-up/waiting area adjacent to the exchange zone. A competitor who has come from the terrain for an exchange may not leave the area without visiting the download, where the SI card will be read for the results system. In calculating leg times, the “start” time of the next leg is based on the Finish punch of the previous leg. Please pay attention to other competitors in the exchange area! Avoid warming up in places where you might block runners already competing – you may get run over.

Closing of the Exchange and Re-start: The exchange area will be closed at 1:20 pm. Any runners of teams that have not started by then will take part in a re-start. The re-start for all remaining runners will be at 1:30 pm. Remaining runners will be directed by officials to the maps adjacent to their team’s map. Any teams that false start will be booed and perhaps disqualified.

The Finish Line for the relay will be closed at 2:15 pm after which control pickup will begin.

Spectator control: There is a spectator control near the warm-up and map exchange areas. Please do not interfere with runners on the course, but hollering is encouraged.

Water on the course: No water is provided on the course. However, there are some water fountains on the campus that competitors may find and use.

Awards: Relay awards will be presented in the arena, as soon as possible after the results are confirmed, in conjunction with Sprint, Long and TrailO awards.

11. Terrain.

a. Big Basin



Big Basin Redwood Forest

- b. **Cabrillo College** is a picturesque community college located in the seaside resort town of Aptos, California. It is best described by a picture:



13. Orienteering Classes

Competitive orienteering classes - women				
Class (age at 31 Dec 2019)	Technical Difficulty	Winning Time Sprint	Winning Time Middle	Winning Time Long
F-10	■	12-15	25-35	20-30
F-12	■	12-15	25-35	20-30
F-14	■ ■	12-15	25-35	30-45
F-16	■ ■ ■	12-15	25-35	40-55
F-18	■ ■ ■ ■ ■	12-15	25-35	45-55
F-20	■ ■ ■ ■ ■	12-15	25-35	50-65
F21 Elite	■ ■ ■ ■ ■	12-15	30-35	70-90
F21+	■ ■ ■ ■ ■	12-15	30-35	60-90
F35+	■ ■ ■ ■ ■	12-15	25-35	50-65
F40+	■ ■ ■ ■ ■	12-15	25-35	50-65
F45+	■ ■ ■ ■ ■	12-15	25-35	50-65
F50+	■ ■ ■ ■ ■	12-15	25-35	50-65
F55+	■ ■ ■ ■ ■	12-15	25-35	45-55
F60+	■ ■ ■ ■ ■	12-15	25-35	45-55
F65+	■ ■ ■ ■ ■	12-15	25-35	45-55
F70+	■ ■ ■ ■ ■	12-15	25-35	45-50
F75+	■ ■ ■ ■	12-15	25-35	40-50
F80+	■ ■ ■ ■	12-15	25-35	40-50
F85+	■ ■ ■ ■	12-15	25-35	40-50
F90+	■ ■ ■ ■	12-15	25-35	40-50

- Women may compete in Men’s classes



Competitive orienteering classes - men				
Class (age at 31 Dec 2019)	Technical Difficulty	Winning Time Sprint	Winning Time Middle	Winning Time Long
M-10	■	12-15	25-35	20-30
M-12	■	12-15	25-35	20-30
M-14	■ ■	12-15	25-35	30-45
M-16	■ ■ ■	12-15	25-35	40-55
M-18	■ ■ ■ ■ ■	12-15	25-35	50-65
M-20	■ ■ ■ ■ ■ ■	12-15	25-35	70-90
M21 Elite	■ ■ ■ ■ ■ ■	12-15	30-40	80-100
M21+	■ ■ ■ ■ ■ ■	12-15	30-40	80-95
M35+	■ ■ ■ ■ ■ ■	12-15	25-35	70-90
M40+	■ ■ ■ ■ ■ ■	12-15	25-35	70-90
M45+	■ ■ ■ ■ ■ ■	12-15	25-35	70-90
M50+	■ ■ ■ ■ ■ ■	12-15	25-35	50-65
M55+	■ ■ ■ ■ ■ ■	12-15	25-35	50-65
M60+	■ ■ ■ ■ ■ ■	12-15	25-35	50-65
M65+	■ ■ ■ ■ ■ ■	12-15	25-35	45-55
M70+	■ ■ ■ ■ ■ ■	12-15	25-35	45-55
M75+	■ ■ ■ ■ ■ ■	12-15	25-35	45-55
M80+	■ ■ ■ ■ ■	12-15	25-35	40-50
M85+	■ ■ ■ ■ ■	12-15	25-35	40-50
M90+	■ ■ ■ ■ ■	12-15	25-35	40-50



Trail orienteering classes			
Class	Stations	Tasks per station	Course length
Open	6	5	0.8 km

- The TrailO course will be a Tempo

Open (Recreational) orienteering classes		
Class	Technical Difficulty	Similar to
Open 1 (White)	■	M/F 10-
Open 2 (Yellow)	■ ■	M/F 14-
Open 3 (Orange Short)	■ ■ ■	F 16-
Open 4 (Orange Long)	■ ■ ■	M 16-
Open 5 (Beige)	■ ■ ■ ■	F 75+/M80+
Open 6 (Brown)	■ ■ ■ ■ ■	F55+ /M70+
Open 7 (Green)	■ ■ ■ ■ ■	F45+ /M60+
Open 8 (Red)	■ ■ ■ ■ ■	F35+ /M50+

- Participants on Open classes may enter on the day of the event.
- Open classes are non-competitive and not eligible for awards.
- There will be no pre-assigned start times for Open classes.



Orienteering classes – Sprint Relay		
Class	Technical Difficulty	Expected Winning Time (total)
Club 8+ points team	■■■■■	35-45
Open 8+ points team	■■■■■	35-45
Club 4+ points team	■■■■■	35-45
Open 4+ points team	■■■■■	35-45
Club Select team	■■■■■	40-50
Open Select team	■■■■■	40-50

Relay points						
Age	Women	Men		Age	Women	Men
-12	7	5		75+	7	5
-14	6	4		65+	6	4
-16	5	3		55+	5	3
-18	4	2		45+	4	2
-20	3	1		35+	3	1
21+	2	0		21+	2	0

- The relay is a Sprint relay
- Teams of 3
- Team members must be submitted to the registrar by 8 pm Saturday September 7th 2019. Email submissions to registrar@baoc.org are acceptable.
- Teams have the option to “move up” to a class with fewer points

14. Championship eligibility

The title of Orienteering USA National Champion in any class is limited to any person who meets both of the following criteria:

- Is a regular member in good standing of Orienteering USA
- Is either a citizen or lawful permanent resident of the United States of America

Requests for clarifications based on eligibility criteria may be submitted to Orienteering USA in writing before August 10th, 2019.

15. Awards:

- Orienteering USA Championship medals will be awarded to the top 3 eligible finishers in each age class in each of the 3 Nationals races.
- Medals will be awarded to first place overall finishers in each class if they are not championship-eligible.
- The top 3 trailO finishers will receive an award.
- The top 3 relay teams in each class will receive an award.

16. Map Scales

Course	1:2,000	1:4,000	1:7,500	1:10,000
Sprint		All classes		
Middle			F-10, F-12, M-10, M-12, Open 1, F-14, M-14, Open 2, F65+, F70+, F75+, F80+, M75+, M80+, Open 5, F-18, F55+, F60+, M65+, M70+, Open 6	All other classes
Long				* All classes
Relay		All points classes		
TempO	Solutions - all classes	Tasks - all classes		

* This is an approved exception to the rules for F/M 21+ classes.

17. Registration and Pricing

Competitive orienteers should pre-register. Registration is open at <https://eventreg.orienteingusa.org/eventregister/a40/register/start/test2-us-nationals>

		Adult					
		Early		Regular		Late	
		Through July 28 11:59 pm PDT		Through August 25 11:59 pm PDT		Day of event registration	
		Member	Non-member	Member	Non-member	Member	Non-member
1	Middle	34	38	42	46	52	56
2	Long	34	38	42	46	52	56
3	Sprint	34	38	42	46	52	56
4	Relay	14	14	18	18	24	24
5	TrailO	20	24	26	30	30	34
	Package A1 (includes 1-4)	102	114	126	138	Not Available	Not Available
	Package A2 (includes 1-5)	126	138	156	168	Not Available	Not Available
	Dinner	25	25	25	25	25*	25*
	Tshirt	22	22	22	22	22*	22*

* If available

		Junior born on or after January 1, 1999					
		Early		Regular		Late	
		Through July 28 11:59 pm PDT		Through August 25 11:59 pm PDT		Day of event registration	
		Member	Non-member	Member	Non-member	Member	Non-member
1	Middle	17	19	21	23	25	27
2	Long	17	19	21	23	25	27
3	Sprint	17	19	21	23	25	27
4	Relay	7	7	9	9	12	12
5	TrailO	10	12	13	15	15	17
	Package J1 (includes 1-4)	51	57	63	69	Not Available	Not Available
	Package J2 (includes 1-5)	63	69	78	84	Not Available	Not Available
	Dinner	25 / 15**	25 / 15**	25 / 15**	25 / 15**	25* / 15**	25* / 15**
	Tshirt	22	22	22	22	22*	22*

* If available

** born after Jan 1, 2007

Other pricing: Open (recreational) courses: \$10 for Juniors, \$20 for Adults. Available either through pre-registration or Day of Event registration.

Refunds may be negotiated with the Registrar.

18. Description of Punching system and Results display

The SPORTident electronic punching system will be used. Touch free mode (Air+) will be activated in addition to classic SPORTident punching. Both traditional and SIAC (SI-Air) touchless electronic systems will be supported on all courses.

Contactless SIAC (SI-Air) cards will be available for rent. To rent a SIAC card, please request one under Notes and Special Requests in the registration form.

The contactless SI-Air system will be set to register within approximately 0.4 meters of the control station. Per IOF and OUSA rules, as always it is the competitor's responsibility to ensure that their punch is recorded, using the audio and visual confirmations of the punching system.

There are two fallback positions if a contactless punch fails to be confirmed:

- a. Insert or re-insert the electronic card into the control unit and check for confirmation.
- b. A manual pin-punch will be provided at each checkpoint in case the electronic system fails to work.

Western Race Services will provide near-real-time display of results on large computer screens, as well as printouts of split times. Results will be available on-line within 48 hours of the end of the event.

19. Logistics

- Child watching will be provided, in designated safe areas.
- There will be snacks.
- There are a great many accommodations options available in the southern Bay Area and Santa Cruz area.
- There will be a limited number of picnic tables available at Big Basin.
- Flush toilets will be available.
- The nearest large town to Big Basin is Scott's Valley.
- The nearest large town to Aptos is Santa Cruz.



20. Safety and Communications

- 1) **Prevention:**
 - a. Safety notices will be provided in packets at registration and will include information about **local hazards and hydration**.
 - b. Competitors must leave **contact information** at registration.
 - c. Carrying a **whistle** is recommended.
 - d. **Water** will be available at selected controls on Big Basin courses and at the Start and Finish areas.
- 2) Club **First Aid kits** will be on hand at the event center.
- 3) **Tracking all competitors:**
 - a. The “Check” punch will record the full list of competitors on the courses. Competitors are required to punch it at the Start.
 - b. Competitors are required to wear a Bib. Bib numbers will be recorded at the Start as a manual backup.
 - c. At the Finish, each competitor must punch the Finish Punch and download into the computer system, even if they did not complete the course.
- 4) **Medical Services**

Name	Time*	Telephone	Address
Sutter Health Scotts Valley Urgent Care	34 / 15	(831) 458-6335	4663 Scotts Valley Dr, Scotts Valley
Sutter Health Los Gatos Center Urgent Care	44 / 35	(408) 730-6200	15400 Los Gatos Blvd, 1st Floor, Los Gatos
Santa Cruz Center Urgent Care	40 / 8	(831) 458-5537	2025 Soquel Ave, 2nd Floor, Santa Cruz
Kaiser Permanente Hospital	52 / 45	(408) 972-3000	250 Hospital Parkway, San Jose

* Driving time in minutes from **Big Basin** / **Cabrillo College**

21. Transportation and accommodation

Transport to the Event Center is by car from San Jose, San Francisco, or Oakland, California. All airports have many rental car agencies. Car pools are encouraged; there is a charge for parking.

Airport to Parking	Distance [miles] / ideal driving times [minutes]	
	Big Basin	Cabrillo College
San Jose International Airport	40 / 68	38 / 44
San Francisco International Airport	58 / 86	70/70
Oakland International Airport	63 / 80	70/70

Camping

- Big Basin’s 142-site campground rests under the ancient redwoods of the Santa Cruz Mountains. Camping is \$35 per night, and a \$10 per night fee for additional vehicles. For reservations, please visit www.ReserveCalifornia.com
- Tent Cabins– Registration for the Tent Cabins is at the Gift Shop or after hours at the Host Site at Huckleberry Campground. The tent cabins are managed by a private concession. To make Tent Cabin reservations, please call (800) 444-7275.
- Little Basin Concession Group Campground- Little Basin is a 534-acre California State Parks campground that was recently added to Big Basin Redwoods State Park through a partnership with the Peninsula Open Space Trust and Sempervirens Fund. Little Basin is currently operated by the non-profit management organization United Camps, Conferences, and Retreats (UCCR). For more information, please visit www.littlebasin.org

Hotels, Motels, Bed-and-Breakfast

- There are hundreds of accommodations available in the San Jose / Santa Cruz / Scotts Valley / Boulder Creek / Aptos area. You may search web sites like AirBnB or VRBO for homes, or other web sites like booking.com for Hotels and Motels.

22. Training Possibilities and Related Events

- For those who wish to take an extra-fun extended orienteering vacation, you may wish to consider **Deschutes Daze**. Columbia River Orienteering Club is hosting 6 events in 5-days in and around Bend, Oregon over the Labor Day weekend, from Saturday **August 31st to Wednesday September 4th**. Note that it is possible to drive from Bend, Oregon to Santa Cruz, California in about 9 hours. Of course, there are also flights from Portland to the Bay Area.

For details, please see <http://www.croc.org/events/2019/8/31/deschutes-daze-2019>

- The **North American Rogaining Championships** will be hosted by Nav-X on the weekend following the US Nationals – **September 14th and 15th**. This event will be held at Dinkey Creek in California, near Fresno. There will be 4- and 8-hour Rogaining options available in addition to the Championship 24-hour event. It is about a 4 hour drive from Aptos to Dinkey Creek / Shaver Lake. Yosemite National Park is close by and can easily occupy you for a few days too.

For details, please see <http://www.navxchallenge.com/events>

- In 2020, the **California Orienteering Festival** will be held in the San Francisco Bay Area, Santa Cruz, and beautiful Lake Tahoe. This festival comprises 10 events, including the 2020 North American Orienteering Championships and the 2020 World Rogaining Championships. The Festival starts on **July 21st and finishes on August 2nd, 2020**. Folks can undertake a preview of this great Festival by doing Deschutes Daze in Bend, the US Nationals in Santa Cruz, and the North American Rogaining Championships at Dinkey Creek. It's a perfect opportunity to understand and practice for what is coming next year.

For details, please see <https://www.cal-o-fest.com/>

23. Weather, climate and lighting conditions

September 6-8, 2019

	Big Basin – Boulder Creek		Aptos	
Average high temperature:	71°F	20°C	77°F	25°C
Average low temperature:	49°F	9°C	54°F	12°C
Record high temperature:	90°F	32°C	107°F	42°C
Record low temperature:	38°F	3°C	40°F	4°C
Average precipitation:	0.3 inch	8 mm	0.3 inch	8 mm
Sunrise	Sep 6 at 6:43, Sep 7 at 6:44 am		Sep 8 at 6:44 am	
Sunset	Sep 6 at 7:29, Sep 7 at 7:27 pm		Sep 8 at 7:25 pm	
Moon	First Quarter, sets around midnight			

24. Rules

The US Nationals Orienteering Championships will follow the “*Rules for Orienteering USA Sanctioned Events*” . Please refer to <https://orienteeringusa.org/rules>. Note two variations: 1) M21Elite and F21Elite classes are being offered for the first time, 2) Age classes are not tied to the traditional White through Blue courses. 3) There are exceptions to the map scales.

Anti-doping

Please refer to the IOF anti-doping rules at <http://orienteering.org/anti-doping/>

Indemnity

All participants will be required to sign a release of liability.

Insurance

Participants are expected to provide their own medical insurance.

25. Embargoes

Because these are National Events, the areas close to the races are embargoed (ref. [OUSA Rule A.7](#)). This is done for the purpose of fairness.

Thus, from March 20, 2019 through the completion of the events:

- Anyone who intends to *compete* in the September 6th or September 7th event is not allowed to visit **Big Basin Redwoods State Park**.
- Anyone who intends to *compete* in the September 8th event is not allowed to visit **Cabrillo College** (except if they are *already* a student there).
- The Model event at Big Basin and the AGM and Dinner at Cabrillo College are not included in the embargo.

Anyone who visits the embargoed areas can still participate in the event, but will not be included in the official results, will not receive awards, and will not earn OUSA ranking credit.

This embargo notice *does not* apply to people who will be participating on Open (recreational) courses.

26. Questions

Please direct any questions to registrar@baoc.org