

## 2017 Gold Rush USA Sprint/Long/Middle Championships

Date	Time (MDT)	Event	Location
Friday, June 23	8:30am	Packet Pickup	BSU Centennial Amphitheater
Friday, June 23	10:00am	USA Sprint Championships	BSU Campus map
Friday, June 23	10:30am	Recreational starts	BSU Campus map
Friday, June 23	12:30pm	Finish closed	BSU Centennial Amphitheater
Friday, June 23	12:30pm	Sprint Awards (tentative)	BSU Centennial Amphitheater
Saturday, June 24	8:30am	Registration table opens	Trap Creek area, Stanley, ID
Saturday, June 24	10:00am	USA Long Championships	Trap Creek map
Saturday, June 24	10:30am	Recreational starts	Trap Creek map
Saturday, June 24	3:00pm	Finish closed	Trap Creek area meet center
Saturday, June 24	3:00pm	Long Awards (tentative)	Trap Creek area meet center
Sunday, June 25	8:30am	Registration table opens	Dutch Lake map, Stanley, ID
Sunday, June 25	9:00am	USA Middle Championships	Dutch Lake map
Sunday, June 25	9:30am	Recreational starts	Dutch Lake map
Sunday, June 25	1:00pm	Finish closed	Dutch Lake area meet center
Sunday, June 25	1:00pm	Middle and Overall Gold Rush Awards	Dutch Lake area meet center

The 2017 Gold Rush events on June 23-25 are hosted by the City of Trees Orienteering Club (CTOC).

- Friday June 23: USA Sprint Championship on Boise State University campus map in Boise, ID.
- Saturday June 24: USA Long Championship on Trap Creek map near Stanley, ID.
- Sunday June 25: USA Middle Championship on Dutch Lake map near Stanley, ID.

All days are A-meet national events and earn ranking points for OUSA members. The BSU campus map was used before for our 2009 A-meet. Two maps near Stanley are brand new. All three days will count toward 2017 Gold Rush overall awards using a scoring system (2 best days from 3). For USA Championship awards a competitor should satisfy eligibility per OUSA rules, for overall Gold Rush awards all competitors are eligible in corresponding groups.

All events will have the standard Orienteering USA classes on the usual seven color coded courses. Shorter Brown Z course may be offered for classes M/F-70+ and older. Classes may be consolidated if they do not contain at least three registered competitors. Individual interval starts will be used for all competitions with start interval at least 1 minute for sprint and 2 minutes for middle and long on the same course.

All courses will use SportIdent electronic punching system. Recreational courses are available each day on white and yellow courses, are un-timed and self-served. Day of event registration is available at double fees but number of extra slots is limited. We will print extra maps for each course to accommodate. No refunds after June 15.

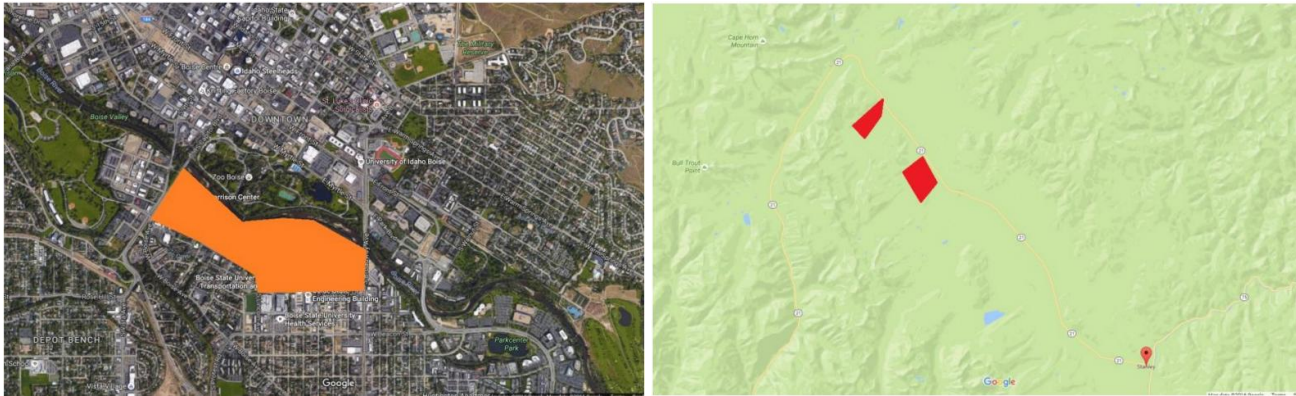
### Competitive Championship Classes per OUSA Rules:

Individual Championship Classes							
White	Yellow	Orange	Brown		Green	Red	Blue
F-10	F-14	F-16	F-18	M65+	F-20	F-21+	M-21+
F-12	M-14	M-16	F55+	M70+	F35+	M-20	
M-10			F60+	M75+	F40+	M35+	
M-12			F65+	M80+	F45+	M40+	
			F70+	M85+	F50+	M45+	
			F75+	M90+	M-18		
			F80+		M50+		
			F85+		M55+		
			F90+		M60+		
Non-Championship Competitive Classes							
M/F White	F Yellow	F Orange	F Brown		F Green	M Red	
	M Yellow	M Orange	M Brown		M Green		

Age class ranges are indicated by a "-" and/or a "+". A "-" before the age means "and younger"; the "+" after the age means "and older". Gender classes contain M for male and F for female. Classes containing the course color are open to any age. Classes containing M/F are open to any age or gender.

### Embargoed Areas:

Entire BSU campus is embargoed June 22 after 6pm until the closure of sprint courses June 23. Approximate area is outlined on the left map below. Two areas covered by Trap Creek and Dutch Lake maps approximately 10 and 12 miles NW of Stanley, ID. Approximate location of these two areas is outlined on the right map below.



BSU map embargoed area, across the river from Julia Davis park. Dutch Lake and Trap Creek embargoed areas, 10 and 12 miles west of Stanley, ID.

We will provide snippet of maps for each day in the packet around meet centers leading to start locations as a warm-up but these snippets are not representative of the competition areas. None of the warm-up areas will have any controls.

### Group Camping, Social Potluck, and Directions:

Group camping is available Friday and Saturday nights in an area at the edge of Dutch Lake map (Sunday middle). Area close to the camping will be used for Sunday parking. We will provide portable toilets, dumpster, and water for those who register at \$10/person (covers both nights). This is a primitive area but an opportunity to be close together. Due to high popularity of Stanley area this may be the best choice for camping as all campgrounds around fill out fast and booked well in advance. Majority of these campgrounds are primitive. We are planning for Saturday evening social potluck and a campfire at 7pm (pending fire hazard situation). Bring you favorite chair, dish, and musical instrument. See Sunday area map below for location of the camping.

Directions for the camping and Sunday parking (see below for Sunday area map for locations):

From Boise drive North on HW-55 via Horseshoe Bend to Banks, at Banks take right (East) toward Garden Valley and Lowman, at Lowman take left (North) on HW-21 toward Stanley. Forest Service Road NF-195 intersection with HW-21 on right (South) side is about 400m after mile post 115 toward Stanley. Take NF-195 right and drive couple hundred meters to the parking and camping area. We will place directional signs where appropriate. The total trip time along the picturesque route is about 2.5 to 3 hours without delays. Same place will be used as Sunday parking.

In case that HW-21 is closed between Lowman and Stanley or any section before that, an alternative route is from Boise to Sun Valley and Ketchum via I-84 East and taking HW-20 at Mountain Home. This route is about 3.5 hours without delays.

From the Sun Valley and Ketchum take HW-75 North toward Stanley via Galena summit for about 45 minutes. At Stanley take left (West) on HW-21 and drive for about 12 miles. The forest road NF-195 will be at your left between mile posts 115 and 116. Follow instruction above to continue.

### Water availability, first aid, hazards, safety, restrooms:

Drinking water will be available at the start and finish all days, approximately each 2.5 km on Saturday courses and at least one water control in the middle of all longer courses Sunday. Saturday and Sunday we will place approximately 16oz of water (ex. two cups) per competitor on all water controls. If hot we recommend to drink at each water station. Electrolyte drinks, fruits, and saltines will be available at the finish.

Friday restrooms will be available in the Julia Davis park (see map below) across the river from the BSU campus. Portable toilets will be available near the meet center/finish both Saturday and Sunday. There will be one or two portable toilets about 200m to all starts on Saturday. Meet center/finish/toilets is within 200m from advanced starts on Sunday. Beginner starts on Sunday will be within 200m from the camping/parking/toilets. See maps below for all locations on each day.

A first aid kit will be available at the meet center to treat minor issues.

For Friday: Boise is a well developed urban area. It has two large hospitals with emergency services each: St Luke's Medical Center and Saint Alphonsus Medical Center. St Luke's Hospital is closest to the sprint venue at address 190 E Bannock St, Boise, ID. Phone (208) 381-2222.

For Police, Ambulance, or Fire Emergency Response, DIAL 911

For Saturday and Sunday: Stanley has a small medical office and nearest big hospital is in Ketchum about 1 hour drive from the meet locations.

Salmon River Clinic, 24 hour ambulance and emergency service  
208-774-3565

110 Niece Ave., Stanley ID, open 10am-2pm Saturday, closed Sunday.

Website: <http://www.salmonriverclinic.org>

St. Luke's Wood River Medical Center, 24 hour emergency service  
208-726-8800

100 Hospital Dr., Ketchum ID

Website: [www.stlukesonline.org](http://www.stlukesonline.org)

For Police, Ambulance, or Fire Emergency Response, DIAL 911

Custer County Sheriff (covers Stanley) 208-774-3327

Ketchum Police Department 208-726-7819

Keep in mind that there is no cell phone coverage in the Stanley area on both maps. There is cell coverage closer to Stanley. Boise is well covered.

The biggest hazard is heat if it is sunny. Stay well hydrated as it is dry country! We highly recommend drinking at least one cup of water on each of the water controls, especially if it is hot during the day of competition. If you feel that you may need more liquid or food we encourage to bring a camelback and GU/food with you on the course.

As this is continental area, nights may be very cold down to freezing temperatures. Dress accordingly.

The second biggest hazard is crossing roads. Be extra careful while crossing forest roads Saturday and Sunday Unlikely, but some vehicles may be present. Friday at the BSU campus some vehicles also may be present so be alert and vigilant while crossing parking areas and major roads in the campus.

**On Saturday blue and red courses** are crossing the Trap Creek twice and if weather is cold and windy there might be a risk of hypothermia if you took a dip. As of two weeks prior to the meet water is flowing fast in the creek and is very cold. **We mandate the creek crossing in two designated places where we would set makeshift crossing points with a rope across.** The crossings would have control bags on both ends and be marked on the map. The rest of the creek is marked as out-of-bounds. All other courses will have the creek completely out-of-bounds. Your legs would get wet so please dress according to weather and make sure you move briskly if showered or dipped in the cold water.

Idaho in general and Stanley area specifically received very large surplus of snow this year. As of two weeks before the event all rivers, streams, swamps, and lakes are overfilled with water. There may be some snow patches present in woods and they may be slippery.

One another hazard on Saturday and Sunday may be presented by fallen logs. Although vast majority of the logs are lodgepole pines which are famous for their resilient nature and are not snapped easily but be careful stepping on them nevertheless. Saturday red and blue courses may cross the Trap creek twice. Be extra careful while using logs crossing the creek as they may be slippery. Water in the creek may be deep in places and cold! First check - then use.

For Saturday and Sunday only: The ground can be quite uneven and rocky in places. Ankle protection is highly recommended. O-gaiters and pants are highly recommended due to some ground brush. There is no poison oak or venomous snakes. At least we didn't notice any during all the long hours in woods.

Ticks are not expected but possible as area is frequented by deer. Check after your run. As forest ground is generally wetter than usual and full of moisture due to melting snow and rains, mosquitoes may be in full force during the event so use repellent to avoid.

Signs will warn the general public that orienteers/runners are present.

If, at any time, you become thoroughly lost, or feel you have left the map, take an appropriate safety bearing.

### **SPORTident – Electronic Punching System**

The SPORTident electronic punching system will be used at all competitive events, and all competitors are required to carry a SPORTident finger stick (SI stick). If a rented stick is lost, the competitor will be charged the replacement cost. Competitors losing their personal SI sticks can rent one from the organizers.

Note that the number on the SI stick is your personal identification number for the various events. Therefore you must use the SI stick assigned to you, and competitors with the wrong stick (husband's, wife's, sister's, brother's, etc.) will not be allowed to start. If your stick number has changed, please notify Registration before you run.

At the Start please make sure that you Clear and Check your SI stick. Once on course, if you find that an SI unit at a control is not working (no light, no beep), please make sure that you use the pin punch attached to the control to mark your map along one of the edges. Failure to do so will result in your disqualification. Alert Meet Officials at the finish about malfunctioning control(s).

**All competitors must download their SI sticks at the Download Station whether you finish your course or not – this is our main way of determining which runners are still on the course. Failure to do so, for reasons other than being lost or injured, can result in considerable unnecessary aggravation for the Meet Officials and launching a search party.**

**Recreational course participants must go through the finish and get registered as well. Failure to do so will result in same consequences.**

### **Controls**

The flags are hung from a control post with the SI unit on top. The control number is on the top of the SI unit. A punch is provided at each control post in case the SI unit is not working.

### **Control Descriptions**

Control Descriptions will be printed on the map and loose sheets will be available in the pre-start area.

### **Start Procedure**

We will use condensed start procedure, ex. starts will be on each minute interval. All days there will be a three line start: -2 minutes (your bib number and SI stick are checked), -1 minute (extra control description is offered), and the Start line. Call up at -3 minutes. You are required to punch a start SI unit at the Start line all days to start your time ticking. From the start line follow mandatory taped route to a start triangle indicated by a control flag without punches. This is the location of the start triangle on your map. All start and finish SI units will be synchronized each morning.

### **Course Closure**

The actual time will be posted at the Start.

All competitors will have a maximum allowed time of 1 hour to complete sprint, 2 hours to complete middle, and 3 hours to complete long courses. All competitors must report to the Finish after this time even if they have not completed the course. You do not have to cross the Finish line, but **all competitors MUST report to the Finish officials and download their SI stick.** Middle course times over 2 hours and long course times over 3 hours will be marked as OVT.

### **Awards**

USA championship medals will be awarded to top three eligible in each competitive age class for sprint, middle, and long. The first three places in each competitive class will be given Gold Rush awards based on 3-day scoring system, ex. sum of 2 best days.

### **Results**

Individual split results will be printed upon SI stick download. Class/course results will be posted during the competition days near download SI areas. Final results and split times will be posted on the PNWOF website, [www.pnwof.org](http://www.pnwof.org) We also will place results on Winsplits, Attackpoint, and courses on Routegadget.

### **Recreational Orienteering**

We will also be offering "Recreational" courses (white and yellow level) with on-the-day registration at all events. These will be informal, un-timed courses suitable for complete newcomers, non-competitive types, or anyone who'd just like to give the sport a try without being timed. A separate start area may be used for recreational courses. Please make sure to pass via finish and register with finish officials. Otherwise, we will launch a search party for you.

# Friday June 23 BSU Campus – Sprints

## General description of BSU campus mapped area and Course Setter Notes:













Boise State University campus is one of the urban CTOC maps, and has undergone several revisions as the campus expanded and to bring it in line with current international sprint mapping conventions. ISSOM2007 symbol set for the sprint orienteering was used for this map. Map was used for sprints during 2009 Gold Rush A-meet events. Typical university campus area with all the expected features: buildings, paved paths and parking spaces, extensive grass areas, gardens and flower beds, few boulder features, cultural and other objects, fences and walls, building canopies and passages. Area is flat so all courses will have less than 10 meters climb. The only hill in the area is occupied by the amphitheater that would serve as our meet center location. There is a fair amount of running on pavement, therefore, spiked shoes are not recommended. Usual running shoes are a perfect choice. This will be fast and furious sprint where split second decisions would determine winners. You certainly may want to opt for shorts and running shoes for Friday sprint courses as lots of grass and paved paths will be present.

White and yellow competitors will use same course. Green and Orange competitors will use same course.

Remember that per sprint competition rules it is prohibited to cross any water features with black bank line (highly unlikely as courses will not cross the river), buildings (shown with dark grey color, not that you would have a chance), high fences (double ticks), impassable walls (thick black line), settlements/gardens/flower beds (shown with olive color), very dense vegetation areas (shown with dark green color), and out of bounds areas (shown with pink hatched/striped symbol). This is done primarily for your safety and to keep good relationship with the land owners. Especial caution should be exercised in relation to any area shown with olive color.

**Anyone caught will be immediately disqualified.** Generally, if you see something resembling a flower bed or a cultivated ground area it is better and safer to avoid crossing it.

Here are examples of symbols prohibited to cross at the left and fine to cross at the right:

 Building	 Canopy or passage
 Impassable fence	 Passable fence
 Impassable wall	 Passable wall
 Impassable water feature	 Passable water feature
 Flower bed, garden, settlement	
 Dark green vegetation (impassable)	 Light green vegetation (passable)
 Out of bounds areas	

Map scale is **1:5000**, **2.5m** contours, map size 8"x11" for all courses. All maps will be in plastic map cases.

Area is embargoed from June 22 18:00 until the close of courses June 23. Competitors are not allowed in the campus with any kind of map and/or test run any potential legs before actual start in the day of event.

Course designer and setter: Sergey Velichko

Course Consultant: Jim Hall

Mapping and Cartography: Sergey Velichko

Winning times expected within IOF and OUSA guidelines.

Course time limit: 1 hour

Clue sheets printed on maps and lose clue sheets will be provided at the pre-start.

Meet Center: BSU Amphitheater

Starts: All courses will have same start location about 200m from the meet center.

Finish: Close to the meet center with opportunity to cheer finishers from the last control.

Warmup: We will provide a snippet of the map around meet center to the start. No controls provided.

Clothing drop: There will not be a clothing drop due to proximity of starts and finish.

Safety bearing: If you are lost in the campus take bearing north to the Boise river and walk toward the center along the river.

## GPS Coordinates:

Parking N43.606300, W116.203230

Meet center N43.604443, W116.201878



### Course Statistics:

#### Friday Sprint Courses

Course	Length km	Controls	Climb m	Expected Winning Time
Blue	3.4	19	10	15-17 min
Red	3.0	17	10	15-17 min
Green/Orange	2.6	15	10	15 min
Brown	2.2	13	10	15 min
Yellow/White	1.7	15	10	15 min

### Parking and Directions:

Park in designated areas only. There is plenty of parking all days. Follow instructions of a parking official. See map below for the parking area locations on Friday.

Friday parking will be in Julia Davis Park across the Boise River from Boise State University. Please enter Julia Davis Park from Capitol Blvd and turn right at the Park entrance on Battery St. Or you can enter off of W. Myrtle St., turning right on S. 3rd St. Follow Julia Davis Dr. around to find parking just past the bandshell all the way around and past the Zoo. Then use the footbridge to head South across the river to Boise State University. Turn left once across the river and head East until you reach the Meet Center at the university amphitheater. Please do not park on the BSU campus as you will be disqualified per embargoed area rules.

Be aware that most of the Greenbelt is closed along the river due to very high and fast water conditions this year, including most of the north side (park side) as marked by signs. The footbridge and BSU side remains open but exercise caution near the bank. If the city requires us to set up a detour via a road bridge as per our permit conditions we will provide specific directional signs

If the footbridge will be closed, an alternative route from the park is West, crossing the river using Capitol Blvd bridge, and walking along the river Greenbelt path East toward the meet center as shown on the map below.

### Non-Standard Symbols:

Green O symbol - used to show big trees, although, sometime it is used to show not so big ones.

Green dot symbol - used to shows smaller trees and bushes.

Gradations of green used to show mainly bushes and denser vegetation. Dark green is un-penetrable and prohibited to cross.

Few rootstocks along the river are shown with brown X.

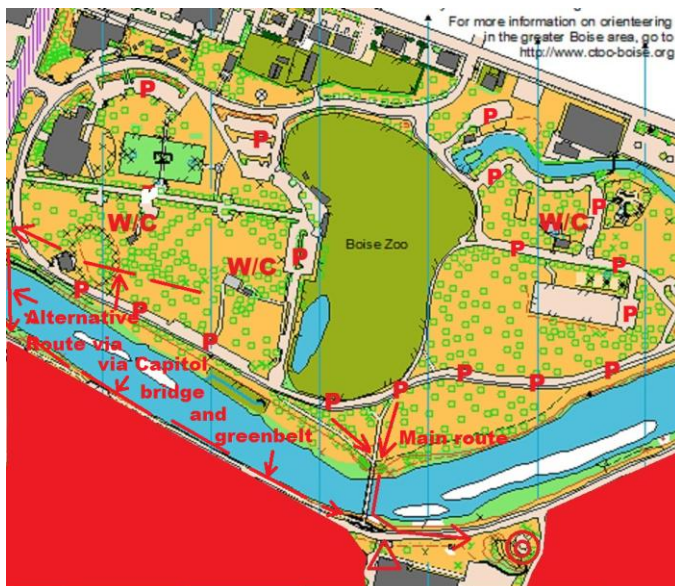
Black O with dot (cairn symbol) - used to show art and cultural objects.

Black X - used to show mainly utility boxes. Sometimes it is used to show other manmade objects, ex. signs.

Black O - symbol used to show big light poles mainly on parking areas. Smaller light poles are not shown.

Black dot - used to show few boulders on the map. Small dots show majority of boulders not exceeding 0.5m (knee height). Few larger boulders of >1.2m height (waist height or even higher) shown with larger black dot symbol.

### Site map, event center, start and finish, parking areas



## Saturday June 24 Trap Creek – Long

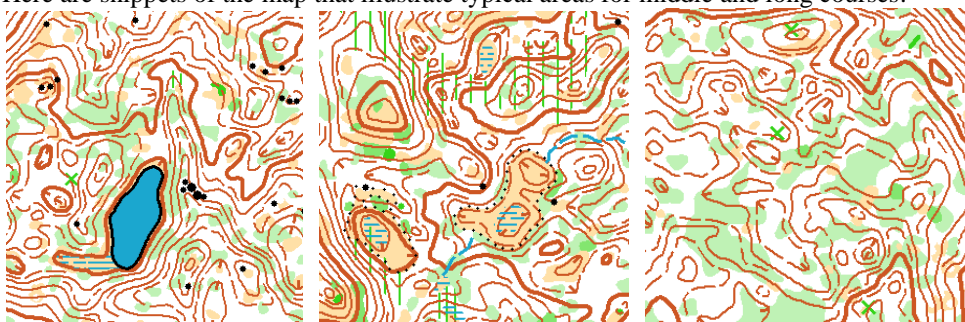
### General description of Trap Creek and Dutch Lake mapped areas and Course Setter Notes:

This is a world class glacial moraine terrain predominantly covered by lodgepole pine woods. Our mapper Alexey Zuev mapped both areas using high quality basemaps generated using dense LIDAR data. ISOM2005 symbol set for the orienteering was used for both maps. The mapper used 2.5m contours to show intricate maze of large and small depressions and one to few contour lines hills. Few steeper up-hill areas. Area received extremely large surplus of snow. Some patches of snow may be present in woods at the day of competition, especially at the bottom of depressions. More on Dutch Lake map. These should not impact either your speed or route choices. But be cautious as snow may be slippery. Both maps are sprinkled with boulder features ranging mainly in 0.5-1m range (knee to waist). Few large boulders may reach human height or higher. Lots of open spaces and clearings shown on the map but their boundaries are diffuse so use with caution. Each map has a few to many clearings covering larger depressions that stand out in woods. Few of these clearings hold dried out or filled with water small glacial lakes/swamps. More on Dutch Lake map used for middle courses. See map snippet in the middle below. True beauties in the woods. Largest of these lakes is famous Dutch Lake that gave the name to the map. As of two weeks before the meet all water features are overfilled with water. We are updating maps to show where swamps became lakes. All lakes will be shown with seasonal lake symbol, ex. lake without black bank line. **Swimming across any water feature is prohibited due to very cold water (melting snow water).** However, be warned that water level is changing constantly and at the day of event water may be higher or lower than shown on map. Trap Creek map has one creek bisecting the area. Both blue and red courses are crossing the creek twice in and out. **All other courses should not cross the creek.**

**On Saturday blue and red courses** are crossing the Trap Creek twice and if weather is cold and windy there might be a risk of hypothermia if you took a dip. As of two weeks prior to the meet water is flowing fast in the creek and is very cold. **We mandate the creek crossing in two designated places where we would set makeshift crossing points with a rope across.** The crossings would have control bags on both ends and be marked on the map. The rest of the creek is marked as out-of-bounds. All other courses will have the creek completely out-of-bounds. Your legs would get wet so please dress according to weather and make sure you move briskly if showered or dipped in the cold water.

There are literally one trail and couple forest roads on each map. Any mistake may be costly to recover if you are lost in the maze. Always staying in contact with map is the key to winning courses. Underfoot can be quite sandy, dusty, uneven, and rocky so orienteering shoes with spikes are recommended. Visibility is in general good but may be limited in places by young saplings. Some areas with lower visibility are shown with different shades of green. Some deadfall is always present due to past fires and wood infestation by yellow beetle. It will push you left and right on the bearing so be focused and persistent. Most intense areas of deadfall are mapped with vertical green lines. Intensity of the vertical green lines present amount of deadfall expected. Often smaller patches of deadfall that are easy to pass around are not mapped. This deadfall may not impede your speed much if you decided to push through not so intense areas. Lodgepole pine is resilient and trunks will not snap under your foot. Usually there are no sticking out branches so it is easy to step on or jump over trunks. Prepare for lots of log hopping. However select routes at your risk and pay extra attention where you step. Recommended to avoid areas shown with intense vertical green lines and solid dark green which is often hard to walk through due to lots of deadfall and trunks. Ankle protection is recommended. Full leg cover is also recommended. All these combinations make these areas intricate and challenging, fast in places and fun in an orienteering sense. It will require your full focus, advanced navigational skills, strength, speed, and endurance – all the components that make our sport so interesting and challenging.

Here are snippets of the map that illustrate typical areas for middle and long courses:



Few images below are showing different features left to right: not very intense tree felled area that is easy to cross, boulder feature, large depression with clearing and dry swamp



2.5m contours were used to show the terrain details. Elite M/F-20 and M/F-21+ courses will have map scale 1:10000 for all courses both days, all other classes will use map scale 1:7500.

Map scale is **1:10000, 2.5m** contours for Saturday and Sunday M/F-20 and M/F-21+ courses.  
 Map scale is **1:7500, 2.5m** contours for Saturday and Sunday courses all other classes.

Area is embargoed until the close of courses June 24.

Course designers and setters: John Murray, Sergey Velichko, and Ben Brock

Course Consultant: Jim Hall

Mapping and Cartography: Alexey Zuev

Winning times expected within IOF and OUSA guidelines.

Course time limit: 3 hours

Clue sheets printed on maps and loose clue sheets will be provided at the pre-start.

Meet Center: Trap Creek area north part, approximately 0.5km from the HW-21 on forest road that intersect HW-21 on South side between mile posts 116 and 117.

Starts: Beginner (white and yellow) and orange/advanced starts will have two separate locations requiring about 750m walk along a marked route. The route is shared approximately for the 600m and split left and right for the last 150m. Close to the split we will place one or two portable toilets. Climb is 10m to beginner starts and 40m to advanced starts. All competitors will pass meet center/finish on the way from parking to starts. Distance from parking to the meet center about 400m.

Finish: Close to the meet center with opportunity to cheer finishers from the last control.

Warmup: We will provide a snippet of the map from parking to starts. This small area was sparsely mapped so use with caution.

No controls provided. Not representative of the terrain.

Clothing drop: There will be a clothing drop at the start but with long walk, we can not guarantee when the clothing will be returned to the center/finish.

Safety bearing: If you are thoroughly lost take safety bearing NE to drop down to highway 21, walk along the highway NW until you reach the parking location that is visible from the highway.

**GPS Coordinates:**

Parking N44.338685, W115.114812

Meet Center N44.334355, W115.117603

**Course Statistics:**

Saturday Long Courses

Course	Length km	Controls	Climb m	Expected Winning Time
Blue	9.8	24	300	90-100 min
Red	8.1	19	250	70-80 min
Green	7.0	16	200	60-70 min
Brown	5.1	15	150	40-50 min
Brown-Z	2.9	11	70	30-40 min
Orange	4.4	14	100	30-40 min
Yellow	2.7	10	50	25-35 min
White	2.3	11	50	25-35 min

**Blue, Red, and Green Courses Map Flip:**

On Saturday blue, red, and green long courses will require a map flip. Both maps will be placed back to back in the same map bag with sides clearly marked with 1 and 2. Controls on the 1<sup>st</sup> side will be numbered 1 through some number, no finish present. On the 2<sup>nd</sup> side last control location from the 1<sup>st</sup> side will be shown with a start symbol, all other controls will continue numbering sequence (including clue sheet), and finish with the finish symbol. For example: 1<sup>st</sup> side shows start location, controls from 1 to



12, and no finish while 2<sup>nd</sup> side shows start symbol at the 12<sup>th</sup> control location, controls from 13 to 19, and finish location. You do need to punch 12<sup>th</sup> control, of course. This is merely an example and courses may have different number of controls.

**Yellow Course Taped Leg:**

On Saturday yellow course has one leg taped approximately in the middle of course. It is mandatory to follow the taped route.

**White/Yellow Indistinct Trail:**

On Saturday both white and yellow courses will follow for some duration an indistinct trail. We taped some portions of the trail where it is hard to see.

**Parking and Directions:**

Park in designated areas only. There is plenty of parking all days. Follow instructions of a parking official. See maps below for the parking area locations on Saturday.

From Boise drive North on HW-55 via Horseshoe Bend to Banks, at Banks take right (East) toward Garden Valley and Lowman, at Lowman take left (North) on HW-21 toward Stanley. Forest road entry to the Trap Creek area is between mile posts 116 and 117 on the right side. Take right to the forest road and follow to the parking at the field at the direction of a parking coordinator. We will place directional signs where appropriate. From parking proceed about 400m South along the forest road to the meet center. See the area map below. The total trip time along the picturesque route is about 2.5 to 3 hours without delays.

In case that HW-21 is closed between Lowman and Stanley or any section before that, an alternative route is from Boise to Sun Valley and Ketchum via I-84 East and taking HW-20 at Mountain Home. This route is about 3.5 hours without delays.

From the group camping area at Dutch Lake area take HW-21 SE toward Stanley for couple miles to the forest road intersection between the mile posts 116 and 117 and follow instructions above.

From the Sun Valley and Ketchum take HW-75 North toward Stanley via Galena summit for about 45 to 60 minutes. At Stanley take left (West) on HW-21 and drive for about 10 miles. The forest road will be at your left between mile posts 116 and 117. Follow instruction above to continue.

**Non-Standard Symbols:**

Green X - shows root stocks at least 1m in size. There are not many on the map but be warned that not all new large root stocks may be shown.

Green dot - shows single dense vegetation objects in wood, very often fir trees that stand out in pine woods.

Green O – few of these in woods, usually show large very prominent trees that stand out in the woods or open spaces.

Vertical green stripes – show largest areas of downfall, intensity of lines show passability via these areas, most dense should be avoided.

Different gradations of green. Light green is easily passable. Medium green represent areas with decreased visibility and may contain some increased amount of deadfall. Usually passable with some effort. Dark green usually represent areas with both bad visibility and lots of deadfall and should be avoided.

**Site map, event center, start and finish, parking areas**



# Sunday June 25 Dutch Lake – Middle

## General description of Dutch Lake mapped area:

See map notes for Saturday long course map.

Map scale is **1:10000**, **2.5m** contours for Saturday and Sunday M/F-20 and M/F-21+ courses.

Map scale is **1:7500**, **2.5m** contours for Saturday and Sunday courses all other classes.

Area is embargoed until the close of courses June 25.

Course designers and setters: Sergey Velichko, John Murray, and Ben Brock

Course Consultant: Jim Hall

Mapping and Cartography: Alexey Zuev

Winning times expected within IOF and OUSA guidelines.

Course time limit: 2 hours

Clue sheets printed on maps and loose clue sheets will be provided at the pre-start.

Meet Center: Dutch Lake area, approximately 1.5km from the HW-21 on forest road NF-195.

Starts: Beginner (white, yellow, and orange) and advanced starts will have two separate locations. Climb is minimal for beginner starts. Beginner starts is about 200-300m from parking/group camping. All advanced competitors will pass the meet center/finish on the way from parking to starts with walk about 1km along the forest road with 25m climb. Distance from the finish/meet center to advanced starts is about 150m with final 30m climb

Finish: At the meet center with opportunity to cheer finishers from the last control.

Warmup: We will provide a snippet of the map from parking to starts. No controls provided. Not representative of the terrain.

Clothing drop: There will not be a clothing drop due to proximity of advanced starts and finish.

Safety bearing: If you are thoroughly lost take safety bearing NW to drop down to the forest road, walk along the road NE until you reach the meet center or parking location.

## GPS Coordinates:

Parking N44.360685, W115.142814

Meet Center N44.352844, W115.157169

## Course Statistics:

Saturday Middle Courses

Course	Length km	Controls	Climb m	Expected Winning Time
Blue	3.5	16	100	25-30 min
Red	3.2	13	90	25-30 min
Green	2.8	13	80	20-25 min
Brown	2.2	12	70	20-25 min
Brown-Z	1.7	12	50	15-20 min
Orange	3.0	10	30	20-30 min
Yellow	2.4	10	30	20-30 min
White	2.1	9	30	20-30 min

## White/Yellow/Orange Indistinct Trail :

On Sunday white, yellow, and orange courses will follow for some duration an indistinct trail. We taped some portions of the trail where it is hard to see.

## Parking and Directions:

Park in designated areas only. There is plenty of parking all days. Follow instructions of a parking official. See maps below for the parking area location on Sunday.

From Boise drive North on HW-55 via Horseshoe Bend to Banks, at Banks take right (East) toward Garden Valley and Lowman, at Lowman take left (North) on HW-21 toward Stanley. Forest Service Road NF-195 intersection with HW-21 on right (South) side is about 400m after mile post 115 toward Stanley. Take NF-195 right and drive couple hundred meters to the parking and camping area. We will place directional signs where appropriate. The total trip time along the picturesque route is about 2.5 to 3 hours without delays.

In case that HW-21 is closed between Lowman and Stanley or any section before that, an alternative route is from Boise to Sun Valley and Ketchum via I-84 East and taking HW-20 at Mountain Home. This route is about 3.5 hours without delays.

From the Sun Valley and Ketchum take HW-75 North toward Stanley via Galena summit for about 45 minutes. At Stanley take

left (West) on HW-21 and drive for about 12 miles. The forest road NF-195 will be at your left between mile posts 115 and 116. Follow instruction above to continue.

**Site map, event center, start and finish, parking areas**



**Sponsors:**



This event will be operated under a special use permit with the Salmon-Challis and Sawtooth National Forests. In accordance with Federal law and U.S. Department of Agriculture policy, CTOC is prohibited from discriminating on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at (202)720-2600 (voice or TDD). To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W Whitten Building, 1400 Independence Avenue SW, Washington DC 20250-9410 or call (202) 720-5964 (voice and TDD).

We are very thankful to all volunteers and organizations who made this event possible!

**Hot Springs:**

Northwest is blessed with natural wonders including numerous hot springs. Bring your bathing suit (or not) and take a relaxing dip in natural mineral water pools before and after the meet on the way in and out of Stanley! Most famous places: Hot Springs (about 3 miles East of Garden Valley), Pine Flats (parking fee, ~5miles W of Lowman), and local's favorite Kirkham Hot Springs (park outside of bridge to avoid paying fees, ~4 miles North of Lowman).

