



Technical Guide  
**2022 Missoula XC**  
Category 2, Men / Women Elite  
Junior Series Men/Women

## June 10-12, 2022

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## Overview

### Welcome

Welcome to the Missoula XC. Big Sky Brewery, Zillastate, and MTCX are proud to offer the 12<sup>th</sup> year of this event.

### Technical Guide and Conditions of Participation

This technical guide covers the procedures and information needed to participate in the Elite Men and Elite Women UCI Stage Races and UCI Junior Men and Junior Women races and Age Group Amateur Races to be held from June 10-12, 2022.

**⚠️ Important: In case of a conflict between the information presented in this technical guide and any other source (other than an official communiqué from the organization or the Commissaires' Panel issued during the event), then the information found in this technical guide shall be taken as correct and final. By participating in this event, you are also agreeing to be bound by this technical guide, the instructions of the Commissaires and the Organization, and by the rules of the UCI.**

### \*\* Event Overview

The Missoula XC is in its 12th year. We want to return to large fields and options for racers across the country.

For 2022, we will offer a short track and cross country for all age groups and abilities. We will also make the elite level course more technical and challenging.

### Marshall Mountain

A purpose built XCO course was constructed in 2011 with guidance from World Cup caliber athletes and UCI guidelines. The event immediately rose to the pinnacle of UCI sanctioned racing on American soil. As in previous years, the 5k (3.1 mi) course features more than 1,000 feet of climbing per lap. The course carves a serpentine figure 8 through the hills of western Montana, and the density of trail provides an excellent spectator experience.

The course features frequent grade reversals and changes of pace to challenge even the most advanced riders. The climb features steep singletrack and punishing forest roads. The descent is a ribbon of singletrack that quickly descends through roots, drops, and berms.

## Sanction and Regulations

The Elite Men and Elite Women events are sanctioned by the International Cycling Union (UCI) as Cat 2 XCC and XCO races. UCI Junior racing is UCI Junior World Series. The UCI Regulations shall apply in each case.

## Location

### Marshall Mountain Venue Location

Marshall Canyon Road is located off of the Highway 200, ¼ mile east of East Missoula. Marshall Mountain rests at the head of the canyon, at the end of a three mile paved road. **Use care with in-car navigation systems – they have sent riders to a different Marshall Mountain more than 60 miles away.**

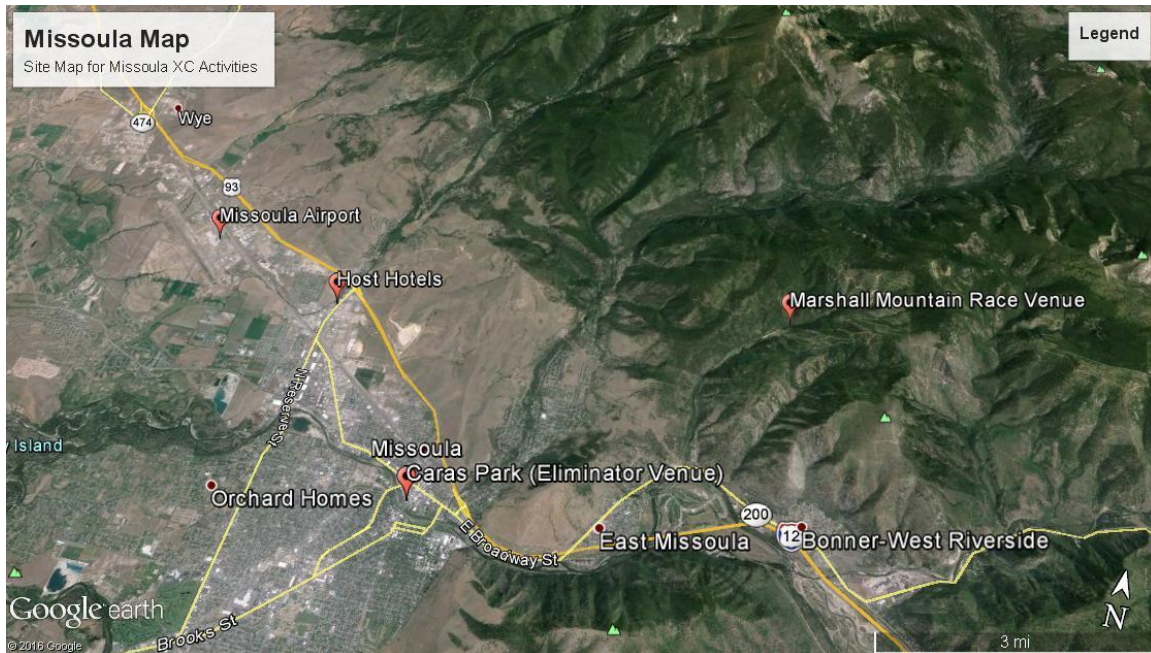
*From Missoula:* Take I-90 east to the East Missoula exit. Continue east on Hwy 200 through East Missoula and down Brickyard Hill. The turn up Marshall Canyon Road will be a left. The turn is visibly signed from the east – if you make it to Bonner you've gone too far.

*From the East:* Take I-90 west to the Bonner exit. Continue west on Hwy 200 until turning right onto Marshall Canyon Road. The turn is signed but can be difficult to see from the west. If you make it to East Missoula, you've gone too far.

### Marshall Mountain

**GPS Coordinates: 46.919541, -113.908164**

**Venue Address: 5250 Marshall Canyon Rd., Missoula, MT 59802**



## Nearest Airports

### Missoula, MT (IATA Code: MSO)

The closest airport to the venue, the airport of Missoula, MT offers many daily flights from points throughout the continental USA. International participants can connect to the Missoula Airport via major USA hubs such as Seattle, Portland, Denver, and Minneapolis.

MSO is approximately 15 minutes drive (to the West along Interstate 90) from the venue, and 5 minutes from the host hotels.

### Spokane, WA (IATA Code: GEG)

Spokane, Washington frequently offers affordable flights through a more diverse array of carriers than visit Missoula.

GEG is approximately 3 hours west of Missoula, and the drive crosses from Pacific to Mountain time.

## Accommodation

### Hotels

Missoula is a college town in western Montana, and is home to a variety of options for lodging. Hotel and VRBO options abound. Our official race accommodation is the City Center Motel. Race sponsor, [The City Center Motel](#), has you covered. Give a call and book your room, we've reserved a special block for you. (406) 543-3193.

### Camping

Camping is available at the Ten Spoon Winery and/or Big Sky Brewery is \$60 for 3 nights.

## **Local Transportation**

### *Public Transit*

Missoula is proud to offer free bus service on all of its lines. Buses are equipped with bike racks as well, and offer an economical means for moving around town.

Public transportation is not readily available to the race venue, and is not recommended as a reliable means of racer access.

### *Car Rentals*

All major car rental agencies are available at both recommended airports. Advance reservation is strongly recommended.

- National: [www.nationalcar.com](http://www.nationalcar.com)
- Avis: [www.avis.com](http://www.avis.com)
- Budget: [www.budget.com](http://www.budget.com)
- Thrifty: [www.thrifty.com](http://www.thrifty.com)
- Enterprise: [www.enterprise.com](http://www.enterprise.com)

## **Climate / Weather**

In June, average daily temperatures are 74 F (23 C). Western Montana weather in this time of year is wildly variable. Very hot, sunny conditions are as likely as snow. Weather and course conditions may vary drastically over the course of the day, and heavy rainfall overnight does not preclude a hot and dusty Men's race at 7pm. Please be prepared for any kind of weather.

### *Lightning Contingency*

This time of year, afternoon thunderstorms with lightning are commonplace and unpredictable. Storms are wildly variable over time and space, and the promoter will make every effort to provide racing without risking the safety of riders.

As a result, last minute schedule/course changes are a possibility in order to provide racing in safe conditions.

If lightning emerges as a concern after the race has started, the race may or may not be curtailed for the safety of riders. This decision will be communicated to racers as they come through the start/finish, beginning with the lead rider.

If at any time a rider is concerned for his/her safety, race organizers encourage that person to seek shelter and use common sense in how he/she proceeds.

## Registration Information

### Registration

Advance registration for Elite Men and Elite Women is available online via the MTB Missoula web site, as follows:

<https://www.bikereg.com/missoula-xc-uci-elites-and-juniors>

Once at this page, click on the “registration” link for the event in question.

**🚫 Important: Online registration closes 10:00am MDT on Friday, June 10, 2022.**

**🚫 Important: No new UCI Elite entries will be accepted after the close of registration on Friday, June 11 and as described in the schedule below.**

Whether registering online or in person, all riders (or their team representative) must attend the registration / package pickup session as per the schedule found below in order to show their 2022 UCI International racing license, pay any outstanding fees, and collect their number plate.

Riders not doing so will not be entered on the start list.

**🚫 Important: As number plates are required in order to train on the course, all riders must first complete the registration process before training. Riders found training without a number plate may be fined by the Commissaires' Panel.**

### Licenses

A 2022 UCI International License issued by a national federation affiliated with the UCI is required in order to enter this event.

### Medical Insurance

It is strongly recommended that all riders, team staff and officials whether residing in the United States or not, should purchase medical insurance valid in the United States. Medical fees in the USA can be very expensive; in no case shall the organization be responsible for medical expenses incurred by a participant in the event.

Additionally, riders are encouraged to consider joining the LifeFlight Membership Network in order to assuage costs associated with helicopter evacuation.

### Registration Fees

**Men Elite and Women Elite (Category 2)**

\$165 USD



**UCI Junior Men and UCI Junior Women (World Series)**  
 \$110 USD

**Invitation Letter Requests**

Riders from some countries may be required to first apply for a visa before traveling to the United States. Visa processing times may vary, so we recommend applying for a visa (if needed) well in advance.

In support of your visa application, the organization would be pleased to send you a letter of invitation for the event. To receive such a letter, please contact:

Shaun Radley, Tel. 406-544-5270, E-mail: montanacyclocross@gmail.com

**Event Schedule**

Time	Event	Length	Location	Course	
<b>Friday</b>	June 10th				
8:00 AM	Registraition Opens/Course is Open for Pre-Riding		Marshall Mountain	Dual Slalom Short Track	
10:00 AM	UCI Elites/Managers Meeting		Marshall Mountain	Dual Slalom Short Track	
11:50 AM	12 and under Boys	10 minutes	Marshall Mountain	Dual Slalom Short Track	US AC
12:30 PM	12 and under Girls	10 minutes	Marshall Mountain	Dual Slalom Short Track	US AC
1:10 PM	13-14 Boys	15 minutes	Marshall Mountain	Dual Slalom Short Track	US AC
2:00 PM	13-14 Girls	15 minutes	Marshall Mountain	Dual Slalom Short Track	US AC
2:40 PM	15-16 Boys	15 minutes	Marshall Mountain	Dual Slalom Short Track	US AC
3:20 PM	15-16 Girls	15 minutes	Marshall Mountain	Dual Slalom Short Track	US AC
4:05 PM	17-18 Men	20 minutes	Marshall Mountain	Dual Slalom Short Track	US AC
5:00 PM	17-18 Women	20 minutes	Marshall Mountain	Dual Slalom Short Track	US AC

5:55 PM	TGIF Short Track - Open Men and Women	20 minutes	Marshall Mountain	Dual Slalom Short Track	MT CX
6:45 PM	Elite Men Short Track - C3 UCI	25 minutes	Marshall Mountain	Dual Slalom Short Track	UCI
7:35 PM	Elite Women Short Track - C3 UCI	25 minutes	Marshall Mountain	Dual Slalom Short Track	UCI
<b>Saturday</b>	June 11th				
8:00 AM	Registration Opens/Course is Open for Pre-Riding				
9:00 AM	Cat 1 Men - 19-29, 30-39, 40-49, 50-59, 60-69 - XCO	3 laps	Marshall Mountain	New Style XC with Bjorn	US AC
11:00 AM	Cat 1 Women - 19-29, 30-39, 40-49, 50-59, 60-69 - XCO	3 laps	Marshall Mountain	New Style XC with Bjorn	US AC
1:00 PM	UCI Junior Men 17-18 - XCO	2 laps	Marshall Mountain	New Style XC with Bjorn	UCI
3:00 PM	UCI Junior Women 17-18 - XCO	2 laps	Marshall Mountain	New Style XC with Bjorn	UCI
5:00 PM	UCI Elite Men - XCO	4 laps estimate	Marshall Mountain	New Style XC with Bjorn	UCI
7:00 PM	UCI Elite Women - XCO	4 laps estimate	Marshall Mountain	New Style XC with Bjorn	UCI
<b>Sunday</b>	June 12th				
8:00 AM	Registration Opens/Course is Open for Pre-Riding				
9:00 AM	12 and under Boys	1 lap	Marshall Mountain	Old Style XC no Bjorn	US AC
10:00 AM	12 and under Girls	1 lap	Marshall Mountain	Old Style XC no Bjorn	US AC
11:00 AM	13-14 Boys	2 laps	Marshall Mountain	Old Style XC no Bjorn	US AC
12:30 PM	13-14 Girls	2 laps	Marshall Mountain	Old Style XC no Bjorn	US AC
2:00 PM	15-16 Boys	3 laps	Marshall Mountain	Old Style XC no Bjorn	US AC
4:00 PM	15-16 Girls	3 laps	Marshall Mountain	Old Style XC no Bjorn	US AC
6:00 PM	TGIF Race - Cat 2/3 - All Ages - All	2 laps	Marshall	Old Style XC no	MT

	Categories		Mountain	Bjorn	CX
7:30 PM	Kids Race				

**⚠ Important: Elite riders found training on the course during a race for another category may be disqualified and / or fined by the Commissaires' Panel.**

## Event Procedures

### Staging and Call-up

Racer call up order will be determined by current UCI Regulations. However, **only riders who register through the USA Cycling online registration service will be guaranteed a call-up. Riders who register on-site cannot expect a call up.**

### Podium Ceremony

The top 5 Elite Men and top 5 Elite Women must attend the podium ceremony, properly dressed in their team kit (jersey and shorts).

The podium ceremony for UCI Men and Women Elite will be done at the conclusion of the respective races. The times mentioned in the event schedule above are approximate. The top 5 riders should attend the podium area when called.

**⚠ Important: In the event that the Elite Women's event for some reason runs longer than expected, the Elite Women's podium ceremony may instead be held later, together with the podium ceremony for the Elite Men** (so as not to interfere with the Elite Men's event). Should the organization decide to do this, an announcement will be made.

### Anti-doping

Given the high level of sanction, it is anticipated that this event will be selected for doping controls. The doping control station will be located within the venue, close to the start / finish area. It will be sign-posted.

While chaperones will be present to notify riders of selection for testing, team managers and riders are still advised that it is always their responsibility to check at the doping control station to see whether or not they are required for testing. Any rider entered in the event may be selected at random for testing – not just those who place on the podium.

All riders selected for testing must bring a piece of government-issued photo identification and their UCI International License with them to present to the Doping Control Officer.

As usual, chaperones will first accompany riders selected for testing to the podium (if they are required there) and then to the doping control station.

### **Timing and Results**

Event timing will be provided by Competitive Timing. In addition to manual scoring, the Missoula XC uses a transponder (chip) timing system by MyLaps. The **MyLaps System** uses mats placed along the ground and is an industry leader for consistency, accuracy, and precision.

**⚠ Important: The timing chip will be fixed to the back of each rider's number plate. For this reason, it is important to not severely bend or crease the number plate when attaching it to the bicycle.** The chip is disposable and does not need to be returned following the race.

### **The 80% Rule**

As per the UCI Regulations, the 80% Rule is in effect for both the Men Elite and Women Elite categories. Riders instructed by the Commissaires to withdraw from the race at the 80% Zone must do so.

Riders pulled in accordance with the 80% rule will receive a finish position and time in accordance with UCI protocols.

## **The Venues**

### **General Information**

Marshall Mountain was the go-to family ski area for Missoula for decades before ceasing winter operations in 2005. It is currently experiencing a renaissance as a hotbed of summer recreation, and is under continual mountain bike trails development. Marshall Mountain will proudly host the 2017/18 USA Cycling Collegiate Mountain Bike National Championships.

The venue is a contiguous gateway to the Rattlesnake Recreation Area and north Mount Jumbo Open Space areas. These parks offer dozens of miles of singletrack riding, and abuts the Rattlesnake Wilderness Area.

### **Venue Access Hours**

Marshall Mountain venue operators graciously welcome the Missoula XC and other cycling events each year. However, we would like to remind participants that both venues lie on private property, and that we are there as guests. Please respect any signs

indicating closures or privacy of property, and only pre-ride the course during posted training hours.

## **Parking**

### *Marshall Mountain*

Parking for teams and individual riders is available on a first-come first-served basis close to the start / finish area, as follows:

- A limited amount of parking is available outside of the large red gate.
- Additional parking is available farther along the east (downhill) edge of Marshall Canyon Road. Please leave the west (uphill) side of the road clear for emergency vehicle access.
- Please obey all signs and parking attendants.

## **Team Area**

A Team area is offered but Space is limited. If you are interested in booking space in the Expo Area, please contact:

Shaun Radley - montanacyclocross@gmail.com

## **Security**

While event staff and volunteers patrol the venue, be advised that both venues are open to the general public during these events. Participants are advised to take normal security precautions to prevent theft of equipment and bicycles. The park is closed and gated overnight.

## **The Course**

### **XCO Course Overview**

**Course Length:** 3.1 or 4.6 miles in a loop. \*\* Race direction is counter-clockwise on the main lap and clockwise through the Local Glory and Start/Finish area.

**Elevation Gain:** 1,367' (416m)

**Feed / Technical Assistance Zones:** There are 2. The first is close to the Start / Finish, and the second is approximately 100 feet (30 metres) before the final descent, on an uphill section of fire road.

## **Course Map and Profile**

## **XCC Course Overview**

**Course Length:** 0.5 miles (0.8 kilometers) Race direction is clockwise through the Local Glory and Start/Finish area.

**Elevation Gain:** 59' (17m)

**Feed / Technical Assistance Zones:** No feed or technical assistance is available in the course of the Short Track Cross Country race.

## **Prizes**

Prize money for the event will be paid in US Dollars, to at least the minimum specified by the UCI Financial Obligations for Category 2 XCS and Junior XCO events, as in the table below. Prize money may be collected from the Race Office following the race.

Prize amounts will be converted from Euros using the UCI's 2022 Euro to US Dollar exchange rate.

## **Points Awarded**

### **UCI Ranking Points**

Points for this event will be awarded according to the UCI points schedule for Elite Category 2 XCS and Junior XCO events, respectively.

### **Emergency Information**

In case of an emergency (security risk, fire, accident or injury), assistance can be reached by calling 911 from any mobile phone or pay phone.

When at the venue, emergency first aid is provided for event participants. First aid will be available near the start / finish area, as well as at various locations around the course.

Again, it is strongly recommended that all participants have medical insurance valid within the United States.

### **Emergency Medical Care**

Emergency medical care will be available on-site at each venue, in accordance with UCI regulations. In the event that a rider requires additional care, or prefers to transfer him or herself, we suggest the Missoula Bone and Joint Urgent Care Center:

**Missoula Bone and Joint**  
**2360 Mullan Road, Suite #C**  
**Missoula, MT 59808**  
**(406) 721-4436**

The nearest hospital is:

Saint Patrick's Hospital  
500 W Broadway  
Missoula, MT 59801  
Telephone: (406) 543-7271

## **COVID Protocol**

### Missoula XC UCI COVID Protocol

The following describes the action items taken to run the Missoula XC UCI race on June 11th and 12th. This plan will be reviewed by Missoula County Health and the UCI.

1. Physical distance encouraged during the event.
  - a. Max 1000 people at the lower parking and registration at a given time.
  - b. Pathways and staging areas will be flagged off with course tape and signage. There will be a clear entrance to the venue with a staff person checking for credentials.
  - c. Podiums will be done directly after each event.
2. Wave starts and information.
  - a. There will be 75 participants per wave.
  - b. The waves have 3 hour blocks for XCO and 1.5 hours blocks for XCC to complete their race, warm up, cool down, and leave.
  - c. Racers can arrive 30 minutes prior to the race for check in.
3. Symptom and pre screening for volunteers and participants.
  1. The morning of June 11th and 12th an online COVID survey will be filled out by all riders and staff prior to showing up at the venue. These will be time stamped and recorded.
  2. If a participant or volunteer has symptoms, they will be sent home, directed to get tested and provided a full refund.
  3. Keeping things clean and germ free
    - a. There are very few surfaces and the event is held outdoors.
    - b. Porta Potties and a handwashing station will be spread out in location and professionally cleaned.
    - c. Hand sanitizer will be available at check in and will be used when riders check in and leave check in.

### **Additional COVID Protocol**

#### Testing and Vaccinations

- If positive results are given while athlete is at the Missoula XC, Event Covid Coordinator must be notified immediately and athlete is to follow local health department guidelines and not attend the event in any capacity
- If an athlete tested positive within 10 days of the event, the athlete cannot participate.
- If athlete tested positive and showed symptoms within 11-14 days of event, athlete must be cleared by doctor's note to participate

#### COVID Coordinator

- Abby Moore, - 802-238-0677, the coordinator will be the first point of contact with Missoula County Health. Abby will be liaison for everything COVID related and the athletes/staff at the event. Positive cases, quarantines, etc.
- What- COVID-19 Coordinator is the link between the event and the local or regional health authorities pre-event and medical covid coordinator, during event they will ensure covid protocol is being adhered to and follow up with Medical COVID coordinator in the case of suspected COVID case

#### Medical COVID Coordinator

- Karl Westenfelder, MD - 406-239-8089, Karl helps formulate our COVID plan and follow through with our plan. He will be on site every day to assist and make COVID related decisions.
- Works with the local health department and covid coordinator
- Any unnecessary contact should be avoided such as handshakes, high fives, fist bumps, or elbow bumps
- Staff in caravan vehicles will wear masks when more than two people are in the car
- Mechanics will wear masks in pits, neutral support areas/cars/motos

#### COVID Cases on Site

- Any suspicion of COVID should be immediately reported to the COVID and Medical Coordinator
- Medical Coordinator will work with local health department for next steps
- Occurrence of independent cases (not spread among athletes or staff), or a small or "expected number" of COVID-19 cases will not require a decision to suspend or cancel the event
- If an individual develops covid symptoms or receives a positive result from a COVID test they must notify the event covid coordinator immediately, who will contact the medical covid coordinator who will work with local health dept.
- Contact tracing will be through Missoula County Health Department.



## **Organization Contact Information**

Should you need assistance or further information concerning the event, please contact us as follows:

### **Race Director**

- Inquiries concerning the course / general organization during the event
- Mr. Shaun Radley
  - Tel. 406-544-5270
  - E-mail: montanacyclocross@gmail.com

### **Marketing / Media Inquiries**

- Mr. Jed Dennison
  - Tel. 406-531-1216
  - E-mail: jed@wmtrail.org

### **Registration / Visa Letter Inquiries**

- Mr. Shaun Radley
  - Tel. 406-544-5270
  - E-mail: montanacyclocross@gmail.com

### **Team Space Bookings**

- Mr. Shaun Radley
  - Tel. 406-544-5270
  - E-mail: montanacyclocross@gmail.com