

2012

Runners Manual

July 13-15, 2012

Silverton, Telluride, Ouray, Lake City
Clockwise Direction

Executive Rules Summary

We hope you read this manual in its entirety. But here is a summary of what we think are the important points! It is our goal to provide you a safe, well-organized and spectacular running experience. In order to do this we ask that you help us by abiding by these guidelines.

1. No Whining.
2. The Run Director has final authority on any question that may arise during the HRH.
3. You must leave each aid station by the posted cut-off time. If you return, it will be assumed you have abandoned your run attempt.
4. No littering.
5. No stashing of supplies along the course and no accepting aid except within 400 yards of a designated aid station.
6. You have agreed to be pulled for medical and safety reasons if it is determined that such action is in your best interest.
7. Aid station captains have the authority to act on behalf of the HRH run management.
8. Enjoy yourself!!!!
9. Pacers may meet their runners at **CREW ACCESS AID STATIONS ONLY**.
10. You must kiss the **HARDROCK** upon your successful completion of the run.

Hardrock Hundred Runners Manual

2012

(V1.4 12MAY12)

©Charlie Thorn 2012

Table of Contents

- 1. Introduction**
 - 1.1 Run Organization**
- 2. Runner Information**
 - 2.1 Other Reading**
 - 2.2 The Course**
 - 2.3 The Weather**
 - 2.4 Training**
 - 2.5 Route Finding**
 - 2.6 Fauna and Flora**
 - 2.7 Dropping Out**
 - 2.8 Cutoff Times**
 - 2.8.1 Sacking Out**
- 3. Preparing for Run Weekend**
 - 3.1 Schedule of Events**
 - 3.2 Accommodations**
 - 3.3 What to Bring**
- 4. Crew and Aid Station Protocol**
 - 4.1 Do You Want a Crew?**
 - 4.2 Parking**
 - 4.3 4WD Basics for the Novice**
 - 4.4 Giving Your Runner Aid**
 - 4.5 Runners in Vehicles**
 - 4.6 Drop Bags**
 - 4.7 Pacers**
 - 4.7.1 "Muling"**
 - 4.8 What to Bring: Crew**
 - 4.9 Aid Station Menu**
- 5. Medical Hints for Your Crew**
 - 5.1 Recognize Your Limitations**
 - 5.2 Loss of Consciousness**
 - 5.3 Injury**
 - 5.4 Serious Injury**
 - 5.5 Minor Injury**
- 6. Search and Rescue**
 - 6.1 Colorado Search and Rescue**
- 7. Run Week Guidelines**
 - 7.1 Detailed Timeline**
 - Wednesday, July 4, 2012
 - Friday-Sunday July 6-8, 2012
 - Wednesday, July 11, 2012
 - Thursday, July 12, 2012
 - Friday, July 13, 2012
 - Saturday, July 14, 2012
 - Sunday, July 15, 2012
 - 7.2 Aid Station Locations & Cut-off Times**
 - 7.3 Solar and Lunar Data**
- 8. Contact List**
 - 8.1 Run Management**
 - 8.2 Area Information**
 - 8.3 During the Run**
- 9. Tentative Course Marking Schedule**
- 10. Directions to Crew Access Aid Stations**
 - 10.1 Chapman Aid Station (NO CREW ACCESS)**
 - 10.2 Telluride Aid Station**
 - 10.3 Ouray Aid Station**
 - 10.4 Grouse Aid Station**
 - 10.5 Sherman Aid Station**
 - 10.6 Cunningham Aid Station**
- Attachments:**
 - A. Aid Station Rules**
 - B. Course Description, Profile, Cut Off Times**
 - C. 2010 Hardrock Results and Splits**
 - D. Hardrock Finishers All Time Listing**
 - E. Hardrock Fact Sheet**
 - F. 2012 Hardrock Entrants**
 - G. Mother Lode Award List**
 - H. Finishers Summaries**
 - I. Easy Reference Schedule of Events**

1. Introduction

Welcome to the nineteenth running of the Hardrock Hundred! This manual provides Hardrock Hundred runners and their crews with information to help in preparing for the 2012 run weekend and the run. Over the past years our run has greatly matured, and we are looking forward to the best run yet. We want to improve all aspects of the run, so please make notes (possibly mark up your manual and return it) so that it can be improved for next year.

1.1 Run Organization

At the center of all run organization is the Run Director (RD), Dale Garland. He has authority for all activities during the run and will work to ensure it goes smoothly. At all times during the run, he or his designee can be reached via the Amateur Radio Network or in person at the Start/Finish in the Silverton High School gym, located at 12th Street and Reese near downtown Silverton.

Travel in the mountains is difficult - please try to solve problems locally, but contact the RD immediately when local solutions don't seem to be working. The RD has final authority on any question that may arise during this event. Prior to the run you can contact him at the addresses or numbers found in the Contact List, Section 8.

2. Runner Information

The following are some general notes to help runners prepare. However, nothing can prepare you as well as getting out on the course and becoming familiar with the terrain and run conditions. This manual as well as the course description, images of the course, profiles, runner list, and other information is also available on the Hardrock Hundred Home Page at: <http://hardrock100.com/>

2.1 Other Reading

Apart from carefully reading this manual, other recommended sources of information are listed below. Also, attached to this manual is some historical information about finishers and course conditions. Photos of the course in DVD format may be available for sale at the Silverton High School gym.

1. UltraRunning magazine articles in the years 1992 to 2011.
2. Photos from previous years' runs. URLs for many photo sites are provided at the Hardrock web site.
3. *Colorado's Fourteener's* by Gerry Roach (Fulcrum, 1999). This climbers' book contains much information on the mountains and mountain safety.

2.2 The Course

The course is closed. That means that runners are required to follow the specified route. The course starts and finishes in Silverton, as it has in previous years. The start and finish will be at the Silverton High School gym, located on located at 12th Street and Reese near downtown Silverton. The run will go clockwise this year. There are now scores of ultra runners who have a good working knowledge of the course. Many of them are more than willing to lie about the course details and difficulty. Many runners also have written their web accessible impressions of the run.

The 2012 course is similar to that of 2011, except run in the opposite direction. As of publication of this Manual, the Bridal Veil Basin route will be followed. However, the course description from the top of Oscar's Pass to Telluride has not been updated. A revision will be made when that description becomes available.

All sections of the course are subject to change because of snow, avalanche damage, rockslides, or other occurrences. These changes may not be known until the course briefings. It is the runners' responsibility to understand and follow any changes.

2.3 The Weather

The weather is a dominant factor for this run and can be at least as formidable as the terrain, remoteness, or high altitude. It is our general opinion that the first fatality we may have will be either from hypothermia or lightning! We would rather that there never be a fatality, and so we will continually be giving you warnings, cautions, updates, and suggestions regarding the exposure you must face when attempting this run. The run date is a compromise among competing weather factors. There is usually a period of a few days to weeks each year when the snow is generally gone, but the summer "monsoon" has not yet gotten into full swing – we've tried to hit this window.

Prepare for any amount of snow! We could even have snowfall just before the run. In 1992 we went back to Handies Peak in August, just a month after the run, and found six inches of new snow on the ground! In 1997 we had an ice and snowstorm during the run. Remember, there have been avalanche fatalities in Colorado in every month of the year except September.

The usual "monsoon" pattern is a daily weather cycle, starting in the morning with blue skies. As the day warms up, thunderheads build up and around noon intense electrical thunderstorms may commence, continuing until late afternoon or evening, at which time the thunderstorms abate until the next morning. The Colorado Mountain Club advises climbers in Colorado's mountains to be off the peaks by noon. Since this may not fit in with your position on the course, you must use extreme caution. Always remember that the time limit is 48 hours. The long time limit is not only in recognition of the difficult terrain, but also allows runners to wait out thunderstorms or other life-threatening weather. You can hunker down in a valley for 2-4 hours and still finish; but, if you get fried by lightning your running career may end on the spot. Discretion is the better part of valor. Take comfort in the fact that these thunderstorms are widespread. If you are pinned down, chances are that other runners are, too. Your position in the field will probably not change. Use the time wisely - eat, drink, stay warm, and rest. You will be able to run faster when the storm has passed.

2.4 Training

You are responsible for being trained well enough to endure these mountains safely. That is why we impose entry qualifications on runners. This is definitely a "post graduate" run, and not just a harder or higher version of some other trail hundred miler. It is up to you to devise a training program that will get you to Silverton in condition to participate in what can be a very enjoyable experience.

If you can only manage a limited amount of time on the course, we would suggest you pre-run one of the sections with more "exposure" (sharp drop-offs or snow). This will allow you to calibrate your ability to handle heights against this year's actual conditions. Charlie Thorn and others will be in the area ahead of time, finalizing and marking the course. A good way to learn about this year's course is to participate in this process. See Section 9 for the course marking schedule.

2.5 Route Finding

This is not an orienteering event. We intend that you be able to concentrate primarily on running. However, remoteness, weather, animal, and people problems on the course make this problematic at best. We will mark the entire course before the run. However, long road sections and maintained trails may not be marked at all. Cross-country sections will be marked more intensely. We shall continue our trend over the past few years of less intense course marking with fewer flags along all course sections. The flags should be readily visible, even to those with red/green color blindness. The markers have reflective tags for night visibility. On some portions of the route we may place colored engineer tape. Chalk may be used to mark other sections, particularly roads in towns. Runners are responsible for knowing the prescribed course and following it whether or not markers are present.

As required by our permit and for environmental reasons, the Hardrock is a closed course run. It is up to you to stay on course. If we have lots of snow (a distinct possibility every year), it is difficult to place some markers so that they remain visible. This is because the run will be at the time of maximum rate of snowmelt, perhaps as much as 6-12 inches per day! If we mark across a snowfield one day, by the next, the markers may have capsized and sunk below the surface due to softening of the snow.

2.6 Fauna and Flora

The altitude range of this run (7,700 to 14,000+ feet) takes the runner through several climate zones. At the lower altitude, forests of aspen, pine, and spruce are common. Timberline is locally at about 11,800 feet, though this can vary greatly. Above timberline is alpine tundra and low vegetation interspersed with krummholz (low, stunted spruce, fir, and willow).

In the summer, animal life is abundant. You will almost certainly see elk in the high meadows, possibly with their young. Stay clear of elk: they can be ornery at times. Bears (black, not grizzlies) are present, though seldom seen. Mountain lions may also be encountered. The rule with these critters is to back off slowly, stand tall and raise your arms to appear larger. Try to avoid getting between any animal and its young. If you are attacked, defend yourself - a sharp whack with a stick might discourage the animal - after all, there is plenty of smaller prey out there.

2.7 Dropping Out

While no one likes to contemplate it, there may come a time when it is smarter for you to drop out than to continue. Also, you may miss the cutoff times or be pulled for a medical reason. While you are likely to be upset at that time, you must inform

the run organization that you are not continuing. Please locate a volunteer to have your run bracelet removed. Also, it may be very hard for us to arrange transportation for you from your dropout point to the finish. You may have to wait many hours for this, as we may have to coordinate a vehicle via radio. All we can promise is a best try effort.

2.8 Cutoff Times

Cutoff times will be strictly enforced. They are provided in Attachment B and will be posted at each aid station, so there will be no ambiguity. The aid station captain is given the authority to enforce the cutoff times. The following is the rule:

YOU MUST LEAVE THE AID STATION BEFORE THE CUT-OFF TIME

If you want to go and lie on the ground outside the designated aid station boundary, it's up to you, but be advised that your chances of reaching (and hence leaving) any subsequent aid stations before their cutoff times are almost nil. If you "check out" and then come back into the aid station after the cutoff time, you are considered to have abandoned your attempt at the run. We do not like splitting hairs so finely, but wish to prevent past problems from recurring. These rules are being made clear to all, so that our aid station personnel (who also get tired and confused late at night) can concentrate on helping runners, and not on sharpening their debating skills.

You are all experienced ultra runners. We have developed these cutoff times based on previous years' results, and they are quite generous. If you miss the cutoff time, your chances of finishing are low; please try to be mature enough to recognize this. For those aid stations without cutoff times, you are responsible to get to and depart the next aid station within its cutoff.

Do not debate cutoff times with the aid station personnel! Even if you badger one of them into letting you go on, the Run Director still has the authority to deny listing you as a finisher. In addition, we may bar from future runs anyone who disobeys rules and threatens their safety or the safety of the Hardrock personnel. We have to convince the search and rescue organizations of four Colorado counties, as well as the administrators of five different tracts of federal land, that we are doing what is reasonably possible to make this a controlled event (note, we didn't say "safe" event). If they are concerned that we are not taking reasonable steps, we may lose our ability to put the run on in future years.

2.8.1 Sacking Out

If sleeping is part of your strategy for completing the run, you are responsible for providing your own equipment. The sleeping bags and other facilities at the aid stations are brought by the aid personnel for their own and emergency use only. At many aid stations shelter is limited or non-existent. All available space is required for conducting essential aid station operations - do not occupy a badly needed tent space while taking your siesta.

3. Preparing for Run Weekend

You will be more able to concentrate on having fun on run weekend if you have made all your preparations beforehand. The following notes may help.

3.1 Schedule of Events

Please be aware of what is expected of you at all times. See Section 7 for a detailed schedule. If you have any questions about the schedule or this manual, please contact run headquarters.

3.2 Accommodations

You will need to arrange accommodations for yourself and crew for this weekend. There is adequate hotel, motel, bed and breakfast, and camping accommodations in Silverton and the other San Juan Mountain towns, but the choice is limited so make your plans early. See the list of Chambers of Commerce at the end of the manual.

3.3 What to Bring

You will need to figure out what to bring with you, based on your experience and how you intend to run (solo, or with crew). The weather is variable, and you are at high altitude. A good rule is to always take at least one more warm item than you think you will need while standing at the start. The start and some of the aid stations are at a relatively low altitude (8,000-9,000 feet) and in sheltered valleys, while most of the run takes place above 11,000 feet in exposed areas above timberline. Temperatures and wind conditions can be markedly different up high and the temperature can drop dramatically when the sun sets. Think in terms of being stuck - if you are forced to spend extra time out in the weather, you will be much better off if

you have carried extra clothing or a space blanket to help you keep warm. Don't take the attitude that "I won't get stuck" - it could be beyond your control, such as an avalanche or rockslide blocking the trail. A misstep, resulting in a twisted ankle could mean a long, slow painful limp into the nearest aid station, possibly in a hailstorm. Hypothermia can be a killer, especially on tired bodies with no reserves left for generating heat.

PARTIAL GEAR CHECKLIST

Wind/rain suit	Dark glasses	Running pack
Warm-up suit	Flashlights	Gloves
Running hat/cap	Spare batteries & spare bulbs	Sun block
Emergency blanket	Water bottles	Extra drop bag gear
Whistle	Clothing for rain and snow and temperatures below freezing	

4. Crew and Aid Station Protocol

We are guests in the National Forest, BLM, and private land through which we run. We have to share this land with other users so that we may all safely enjoy our weekend in the mountains. The following guidelines were prepared to help your crew if you decide to have somebody meet you around the course.

4.1 Do You Want a Crew?

Before deciding on a crew, you must understand that runners are responsible for and accountable for all the actions and behaviors of their crew and pacers before, during, and after the run. Please consider carefully if you really want to have a crew for this run. It is different from all the other 100 milers, as travel in the San Juan Mountains may be difficult and dangerous, even in daylight and under good conditions. At night, in a snowstorm, even an experienced 4WD driver may be risking their life on some of the aid station access passes. Avoiding 4WD sections means, first that your crew is in for some long drives (over 100 miles to get from Ouray to Sherman, for example), and second that they will not be able to meet you at some aid stations. Also, crew access is not allowed at some aid stations - this is part of the challenge of the run. Finally, runners are not allowed to accept aid between aid stations. Any runner who takes aid where they should not, may be disqualified. We will try to make sure that, with the available aid station supplies and your drop bags, you will be able to compete without worrying about a crew.

This is not to say that we don't want your crews to enjoy the mountains - far from it. Part of the reason for coming to the area is to get up into the high country, but we would prefer that people do it without the pressure of trying to beat runners to the next aid station, trying to meet schedules, etc. A good way to be involved is to volunteer to help at an aid station. We could always use more hands, because some of these aid stations are going to be open a long time. Contact Lois MacKenzie or Dale Garland (see list at the end of this manual) if your crew would like to do this. They will be better able to follow your progress, as each aid station will be connected via radio to the others.

4.2 Parking

In some instances parking is scarce and roads are very narrow. Parking may be difficult or impossible. Please be considerate. Remember there are many 4WD vehicles on these roads in the summer, and some of these vehicles are quite large. Make sure all road sections, switchbacks, and intersections can be safely negotiated by other vehicles. Cooperate with posted signs and with aid station personnel if they ask you to move your vehicle.

4.3 4WD Basics for the Novice

4WD off-road vehicles are a necessity for reaching some parts of the course, and in any event much safer on mountain roads. They may be rented at a number of locations in the area. Advanced reservations are recommended. Also, please consider the smaller 4WD types as these are definitely easier to drive and park.

If you are unfamiliar with 4WD in general or your particular rental vehicle, make sure you get adequate instructions from the rental agency before venturing out into the backcountry. In particular, check the location and operation of all equipment needed to change a flat. Although cell phone coverage is spotty in the San Juan Mountains, a cell phone is now a valuable piece of emergency equipment.

4.4 Giving Your Runner Aid

Runners may receive aid from their crew **ONLY** within 400 yards either side of those aid stations at which crew access is allowed. If your crew gets to an aid station early, we suggest they locate your drop bag, open it and check the contents, and

set them out ready for use. Keep in mind that your crew must not interfere with the aid station volunteers and this means that crews are not allowed in the central core of an aid station unless the runner is present.

4.5 Runners in Vehicles

Runners are not allowed to take a ride in a vehicle where it advances their progress or compensates for runner error. If they do, they are considered to have abandoned their attempt at the run. They will not be allowed to continue, and if they do, they will not be listed as finishers, and risk being barred from entry in future runs. Runners may, after checking into an aid station, rest and get warm in a STATIONARY vehicle. Once you have checked out of the aid station you may not get back into any vehicle. If you do so, you will be disqualified.

4.6 Drop Bags

Runners are allowed to provide seven drop bags. We will transport them to Chapman Gulch, Telluride, Ouray, Grouse Gulch, Sherman, Cunningham Gulch, and (of course) the finish line.

An aid station representative will pick these up at the designated location on Thursday after the runners briefing and transport them to the aid station locations. After use, make sure any recoverable items are packed in the bag and that others are properly trashed. Place the bag at the designated location for transportation to the finish line.

4.7 Pacers

Pacers are allowed to accompany runners from Ouray to the finish. Any runner over 60 years old may have a pacer for the whole distance. Pacers may meet their runner **ONLY** at crew access aid stations and at Maggie Gulch if they hike in. Pacers are responsible for getting themselves to and from aid stations. Vehicles and non-pacer crewmembers are **NOT** allowed at non-crew access aid stations. Finally, **A RUNNER MAY HAVE ONLY ONE PACER AT A TIME.**

4.7.1 "Muling"

While the old hard rock miners were invariably accompanied by a pack animal to carry supplies, Hardrock Hundred pacers are more for moral support than for physical. The Hardrock was developed as a test of the individual against the mountains. Most runners do this anyway, but a few feel it necessary to carry their competitiveness to extreme levels, and try to gain an advantage by shifting some of their load to a pacer. However, "muling" is a violation of the rules and spirit of Hardrock. For safety reasons we do not disallow pacers, and since we cannot see what you do out in the mountains, we trust to your honor not to cheat on this in the same way as you would not short-cut, litter, or stash supplies out on the course.

4.8 What to Bring: Crew

It is just as important for your crew to bring adequate gear for their own safety and comfort as it is for the runners. The weather is variable and you are at high altitude. Also, they may be up all night and possibly out in the open, depending on their task. We will have enough problems taking care of the runners - let's not have to evacuate crews! To help you, here is a partial list of items you might put on your list:

SUGGESTED GEAR CHECKLIST FOR CREWS

Poncho or rain suit	Warm-up suit	Flashlight
Day backpack	Spare batteries & spare bulbs	Water bottle
Pen and paper	Sun block	Hat
Gloves	Parka or vest	Dry change of clothes
Snacks/meals	Fluids	Book/magazine to read
This Manual	Sleeping bag	Insect repellent
Colorado Hiking Certificate (Search & Rescue insurance)		Road maps

4.9 Aid Station Menu

Below is generally what we plan to have at aid stations. Major aid stations have more than the standard fare. The aid stations at Virginius Pass, Engineer Pass, and Pole Creek will have a limited supply of aid because they are not accessible by any vehicles.

Energy Replacement Drink	Sandwiches	Pretzels
Potato chips	Chicken or beef bouillon	Hard candies
Cookies	Coffee, tea, and hot chocolate	Soda crackers
Soup	Bananas	Oatmeal packets
Coca-Cola products	Water	

5. Medical Hints for Crew

If you are out and about during the run weekend, whether supporting your runner or merely watching, you may come across a runner in serious difficulty. The following guidelines are similar to what we give to our aid station volunteers and may be of use to you, should the situation arise.

5.1 Recognize Your Limitations

The cardinal rule when providing first aid is to not hesitate to get help when you realize you cannot provide what is needed. Communications with medical personnel is your first requirement when dealing with a sick or injured person. All aid stations are equipped with a first aid kit and ham radio.

5.2 Loss of Consciousness

If you are confronted with a person who is unconscious or semi-conscious, do not attempt to feed them or give them anything by mouth that they can aspirate or breath in. **GET HELP**, then keep the victim warm and on their side.

5.3 Injury

If someone is injured, but can get to the next aid station, either get them there or make sure they are warm and tell the aid station crew where the person is so that help can be arranged. If the person's injuries are such that they cannot be moved, do your best to keep the person warm and get help from the nearest aid station as soon as possible.

5.4 Serious Injury

If someone is badly injured, do not move them because you can do more harm than good. **GET HELP FROM THE NEAREST AID STATION AND KEEP THEM WARM.**

5.5 Minor Problems

Most medical problems you will see will be minor: sunburn, blisters, sprains, abrasions, and fatigue. You may also see, in the later stages of the run, runners who are extremely depleted in sugar and dehydrated. They usually will be extremely fatigued and may be nauseated and vomiting. It is best to have them lie down, get them warm, and try to get them to take sips of sugared and salted drinks. Do not let them go on if they are confused or disoriented. Again, get advice from a medical person if in doubt. **Common sense approaches are the best. Use your instincts and experience, but when in doubt, keep the victim warm, do not move if seriously injured and ALWAYS GET HELP FROM THE CLOSEST AID STATION AS SOON AS POSSIBLE.**

6. Search and Rescue

Unfortunately, it may become necessary for you or your crew to interact with search and rescue organizations. If so, the following guidelines are provided.

6.1 Colorado Search and Rescue

In Colorado, each county handles its own search and rescue because there is no statewide organization. **In the four counties we go through, each sheriff's department is responsible for any S&R call-out in their county. They will call out volunteers, EMTs, etc., as appropriate.** Each county is responsible for its' own costs of conducting such operations. If they are unable to recover the costs from the person whose life is saved, it can be quite a burden on the county. The Hardrock Hundred will be purchasing for every runner a Colorado Hiking Certificate (search and rescue insurance). Colorado Hiking certificates will be available at the Visitor Center. Runner's that arrive early can pick up their complimentary hiking permit. A portion of the fee for each certificate is used to pay for search and rescue operations. This may not pay for all of the costs of a complex operation, but at least the county will get something, and it does not have to come from your pocket - you are, after all ultimately responsible. **It is highly recommended that crews and pacers purchase a Colorado Hiking Certificate.** These can be purchased at sporting goods outlets throughout Colorado and at the Silverton Visitor Center. **Also, remember that any and all search and rescue efforts can only be initiated by the RD or his designee.**

7. Run Week Guidelines

For more information you may go to Charlie Thorn's house at 1338 Reese Street in Silverton. Many activities will be ongoing during the two weeks leading up to the run, but runner activities really begin about a week before the run.

Check on the weather conditions and latest forecast before leaving town.

7.1 Detailed Timeline

The planned program is below. We are going to be working hard the two weeks or so before the run, finalizing and marking the course, and taking care of last minute details. However, no detailed schedule is provided here. If you are involved with these activities (or would like to be) coordinate with the appropriate person (Dale, Lois, or Charlie). The trail marking schedule is in section 9. Contact Charlie for more information on trail marking.

Wednesday, July 4, 2012

When	What	Where
0700	Silverton Blue Ribbon 10 K Race	Memorial Park
1000	4 th of July Parade – Featuring the Hardrock Precision Marching Team – You are invited!!	Main Street

Friday, Saturday, & Sunday, July 6-8, 2012

When	What	Where
Friday, 8 AM	Trail Work	Ouray Bear Creek Tunnel
Sunday	Trail Work	To be announced

Wednesday, July 11, 2012

When	What	Where
1200-1600	Runner check-in	Silverton High School gym
1300-1600	Pot Lick	Memorial Park
1600	Trail briefing - voluntary loooooong version	TBD

Thursday, July 12, 2012

When	What	Where
0800-1100*	Runner check-in	Silverton High School gym
1200	Mandatory runner briefing	Silverton High School gym
1400	Volunteer briefing	Silverton High School gym
1500	Drop bag deadline	Silverton High School gym
TBD	Fund raiser dinner	TBD

* All runners must check in by 1100 hours or lose their entry in the run.

Friday, July 13, 2012

When	What	Where
0400	Breakfast	Local restaurants – to be announced
0500	Mandatory runner check-in	Silverton High School gym
0600	Start	Silverton High School gym

Saturday, July 14, 2012

When	What	Where
On-going	Still busy/info available	Silverton High School gym

Sunday, July 15, 2012

When	What	Where
0600	Last official finisher arrives	Silverton High School gym
0700	Runner and S&R status summary	Silverton High School gym
0900	Awards banquet/ceremony	Silverton High School gym
1200	End of runner activities	Silverton High School gym

7.2 Aid Station Locations & Cut-off Times (adjusted for Silverton High School gym start)

Aid Station	Access	Mileage	Facility	Crew Access /Drop Bag	Absolute Cut-off Time
Silverton-Start	Auto	0.0	RDFWM	Yes/Yes	Fri-0600
KT	4WD	11.5	RFW	No/No	Fri-1245
Chapman Gulch	Auto/4WD	18.1	RDFW	No/Yes	Fri-1600
Telluride	Auto	29.8	RDFWM	Yes/Yes	Fri-2040
Kroger Canteen	Hike	34.7	RFW	No/No	None
Governor Basin	Auto	37.9	RFW	No/No	None
Ouray	Auto	45.9	RDFWM	Yes/Yes	Sat-0325
Engineer	Hike	53.9	RFW	No/No	None
Grouse Gulch	Auto	60.4	RDFW	Yes/Yes	Sat-1050
Burrows Park	Auto/4WD	69.7	RFW	No/No	None
Sherman	Auto/4WD	73.9	RDFW	Yes/Yes	Sat-1650
Pole Creek	Hike	82.8	RFW	No/No	None
Maggie Gulch	4WD	87.1	RFW	No/No	None
Cunningham Gulch	Auto	95.2	RDFW	Yes/Yes	Sun-0200
Silverton-Finish	Auto	100.5	RDFWM	Yes/Yes	Sun-0600

Facility key: (R)adio, (D)rop bags, (F)ood, (W)ater, (M)edical Times in military (24 hours clock) time.

Aid Station	Latitude	Longitude	Northing**	Easting**	Latitude**	Longitude**
Silverton-Start	37°48.663'***	107°39.385'***	4,187,970	266,150	37°48.663'	107°39.385'
KT	37° 47.531'*	107° 47.555'*	4,186,220	254,100	37°47.528'	107°47.553'
Chapman Gulch	37° 51.317'*	107° 48.331'*	4,193,320	253,350	37°51.351'	107°48.209'
Telluride	37° 56.099'*	107° 48.379'*	4,202,130	253,370	37°56.109'	107°48.376'
Kroger Canteen	37° 57.708'*	107° 46.306'*	4,204,990	256,550	37°57.706'	107°46.265'
Governor Basin	37° 58.928'*	107° 45.675'*	4,207,190	257,530	37°58.910'	107°45.641'
Ouray	38° 01.032'*	107° 40.607'*	4,212,080	254,435	37°01.675'	107°40.343'
Engineer	37° 59.156'*	107° 36.277'*	4,207,170	271,320	37°59.114'	107°36.230'
Grouse Gulch	37° 55.053'*	107° 33.499'*	4,199,590	275,170	37°55.077'	107°33.460'
Burrows Park	NA	NA	NA	NA	NA	NA
Sherman	37° 54.049'*	107° 25.986'*	4,197,400	286,270	37°54.054'	107°25.851'
Pole Creek	37° 48.180'*	107° 28.400'*	4,186,550	282,250	37°48.134'	107°28.396'
Maggie Gulch	37° 49.131'*	107° 32.187'*	4,187,950	276,810	37°48.812'	107°32.125'
Cunningham Gulch	37° 47.611'*	107° 34.680'*	4,185,900	273,050	37°47.649'	107°34.648'
Silverton-Finish	37°48.663'***	107°39.385'***	4,187,970	266,150	37°48.663'	107°39.385'

* Lat/Long data from Greg Hine

** Data from Rick Trujillo (UTM & Lat/Long Coordinates from Map Measurements (NAD CONUS datum) (Zone 31 S)

RUNNERS MUST DEPART THE AID STATION BY THE CUTOFF TIME

7.3 Solar and Lunar Data, Mountain Daylight Time at Silverton, CO (W107°40', N37°49')

2012	July 13	July 14	July 15
Begin astronomical twilight	0409	0410	0411
Begin nautical twilight	0451	0452	0453
Begin civil twilight	0529	0530	0531
Sunrise	0600	0601	0602
Sunset	2032	2032	2031
End civil twilight	2103	2103	2102
End nautical twilight	2141	2141	2140
End astronomical twilight	2223	2223	2222
Moonrise	0137	0216	0300
Moonset	1606	1700	1751
Illumination of moon (at midnight)	30%	22%	14%

Data source: <http://aa.usno.navy.mil/data/>

8. Contact List

8.1 Run Management

The following is contact information for the run organizers. If you have questions regarding lodging or area facilities, please see the next section.

Run Director

Dale Garland
195 Ball Lane
Durango, CO 81301
(970) 259-3693
(970) 769-2872 (M)
Hardrock100-bresnan.net

Aid Station Director

Lois MacKenzie
553 Sundial
Moab, UT 84532

In Silverton at:
P.O. Box 33
Silverton, CO 81433
(970) 946-1058
skunkears-yahoo.com

Hardrock Board of Directors President

Blake Wood
1146 Big Rock Loop
Los Alamos, NM 87544
(505) 662-4763
bwood-lanl.gov,
bpwrlc-comcast.net

Pacer Coordinator

Andrea Feucht
PO Box 74
Cedar Crest, NM 87008
(505) 920-8848
andrea-tenacity.net

Course Marking Director

Charlie Thorn
4501 B Ridgeway
Los Alamos, NM 87544
(505) 662-2397-h
thorncha-gmail.com

Medical Coordinator

Leo Lloyd
22 E. Animas Village Lane
Durango, CO 81301
(970) 259-1651
lloyd-gobrainstorm.net

Course Director Emeritus

John Cappis
46 Lupine Lane
Ridgway, CO 81432

Communications Directors

Steve & Shauna Blaylock
Ssblaylock-gmail.com

Course Flag Pulling Director

Betsy Kalmeyer
bk.runner-hotmail.com

Hardrock Hundred Web Sites: <http://hardrock100.com/>

8.2 Area Information

While you are in the area, plan on spending a little extra time enjoying the many summer activities. For help in planning your stay in the San Juans, here are some helpful contact addresses:

SILVERTON CHAMBER OF COMMERCE

1450 Green St, PO Box 565
Silverton, CO 81433
(970) 387-5654
(800) 752-4494
<http://www.silvertoncolorado.com>

OURAY COUNTY CHAMBER OF COMMERCE

PO Box 145
Ouray, CO 81427
(970) 325-4746
(800)-228-1876
<http://www.ouraycolorado.com>

LAKE CITY CHAMBER OF COMMERCE

PO Box 340
Lake City, CO 81235
(970) 944-2527
<http://www.lakecityco.com>

TELLURIDE TOURISM BOARD

PO Box 1009
Telluride, CO 81435
(970) 369-1177 X304: general information & lodging
<http://www.visittelluride.com>

8.3 During the Run

If you need to get hold of someone during the run, the point of contact is the Run Director, Dale Garland. He may be reached at the Start/Finish area. **DO NOT** call his home phone number in Durango – you will just annoy his wife and he's not there!

9. Tentative 2012 Course Marking Schedule

This schedule is subject to change. For additional information, contact Charlie Thorn (thorncha@gmail.com).

Marking and surveying the Hardrock course will be strenuous and provides participants the opportunity to acclimate as well as to see the course first hand. Runners not familiar with the course are strongly advised to participate. All the participants are responsible for their own equipment, food, transportation, etc. These efforts will usually be full day affairs of hiking and running and may be conducted at a slow pace, so be prepared.

As in past years we plan to mark some of the course in parallel with some others and Charlie Thorn leading independent teams some days. This is done in order to mark the course in fewer days than in past years and there will be more backup days in the event of course problems. Further, it will provide opportunities for runners to explore other trails in the San Juan Mountains on the backup days. If you find that you want to see sections that are being simultaneously marked, you should use one of the backup days to learn the other route.

Below is the tentative schedule for surveying and marking the course. Interested runners and crew are invited to participate in all or portions of the effort. Although transportation for each day's efforts **MAY** be available, none is promised. The general plan is to meet at Charlie Thorn's house in Silverton, 1354 Reese St., at 7 am each day, unless otherwise stated. From there, we will go to the course section to be worked that day. Because the schedule will likely change, based on course conditions or personal quirk, persons interested in working on the course should coordinate the schedule the day before with Charlie in order to be sure the schedule is accurate. Charlie's house will serve as the course marking coordination point.

This Schedule Is Subject to Change

Date	Course Section	Comments
Saturday 6/30	Rope Mineral Creek Bear Creek (Silverton) to KT	Begin at 9 AM Shuttle vehicles
Sunday 7/1	KT to Chapman Gulch	Car/4WD shuttle
Monday 7/2	Sherman to Maggie Gulch	4WD to Sherman & leave vehicles
Tuesday 7/3	Grouse Gulch to Burrows Park to Sherman	Pick up vehicles at Sherman
Wednesday 7/4	Open	Blue Ribbon 10K Run & Parade in Silverton
Thursday 7/5	Maggie to Cunningham to Arrastra Gulch	Long day, car shuttle
Friday 7/6	Bear Cr Trail (Ouray) to Engineer Pass Optional Bear Cr Trail (Ouray) work day	Start at US 550 Tunnel at 8 AM Meet at US 550 Tunnel at 8 AM
Saturday 7/7	Telluride to Virginius Pass Virginius Pass to Governor Basin American Basin if needed	Simultaneous marking. Survivors meet at Kroger Canteen for traditional picture. Start from Silverton
Sunday 7/8	Chapman to Oscar's Oscar's to Telluride	Simultaneous marking. May require snow shovels. Start from Telluride & Silverton
Monday 7/9	Optional Trail work day	Trail work start TBD
Tuesday 7/10	Bear Creek Trailhead to Ouray Ouray to Governor road Silverton to Arrastra Bear Creek to Silverton Remaining road sections	Start time TBD Whenever the urge occurs
Wednesday 7/11	Backup if needed	
Thursday 7/12	Open	
Friday 7/13	Strip course	The details for pulling flags from the course will be organized. IF you are interested, please contact Betsy Kalmeyer bk.runner-hotmail.com
Saturday 7/14	Strip course	
Sunday 7/15	Strip course	

10. Directions to Crew Access Aid Stations

Except where otherwise noted, these directions are for finding the aid stations if you start in Silverton.

10.1 Chapman Gulch (crew access only in counter clockwise years)

4WD from Silverton. Take US 550 west from the south end of Silverton. Near MP 75, turn west onto the Ophir Pass Road. This intersection is marked with a large green sign. Take the dirt road to Ophir Pass (11,800'). The road becomes noticeably rougher and steeper on the two-mile descent to the aid station at the south turnoff toward Swamp Gulch. Although rougher roads exist in the San Juans, this section is not for the faint of heart. Park at Iron Springs which is at the first left (S) hand turnoff below the Chapman Gulch stream crossing and below the Blixt road coming in off Oscar's Pass from the north. The aid station is about 0.25 miles southeast on this road just before the locked gate at Howard Fork. Crews will be required to park on the Ophir Pass road and walk the 0.25 mi to the aid station. Parking will be restricted to one side of Ophir Pass and may be monitored. Detail to be given at the runner briefing.

Alternate 2WD(?) from Telluride. Exit Telluride on Main Street and go west about three miles to SR 145. Turn left (S) and go about 10 miles to the Ophir Pass road. This intersection is marked with a green sign. Turn left (E) passing through the hamlet of Ophir, taking care not to lose your muffler on the speed bumps. As you leave Ophir, note a number of new houses as the road enters aspen forest. About a mile from Ophir, cross (no bridge) the creek flowing in from the north, continue east about one quarter mile to the old red mine dumps at Iron Spring. At these red mine dumps, there is a primitive road heading southeast. The aid station is about 0.25 miles southeast on this road just before the locked gate at Howard Fork. Crews will be required to park on the Ophir Pass road and walk the 0.25 mi to the aid station. Parking will be restricted to one side of Ophir Pass and may be monitored. Detail to be given at the runner briefing.

10.2 Telluride

Auto. From the courthouse in Telluride, go east on Colorado Ave (the main street) to the Telluride town park area. Turn right and immediately cross the bridge toward the white canopy and baseball field. Parking is limited both by the number of spots available and a two hour time restriction for occupying a spot. Crews who plan to spend more than two hours at the station should consider unloading their runner's gear and finding a spot back east of the river. Be aware that parking on most streets in Telluride requires a paid stamp-- the machines are to be found in most blocks.

10.3 Ouray

Auto. Take US 550 over Red Mountain Pass to Ouray. Go to the north end of the main business district where the famous Ouray Hot Springs swimming pool is located. Turn west into the swimming pool parking lot. The aid station will be on the northeast side of the swimming pool parking lot where the restrooms are located.

10.4 Grouse Gulch

Auto. Take CR 2 NE from Silverton about 10 miles to sign stating Picayune Gulch. Just beyond the sign and just before the Animas River Bridge turn left (NW) onto a dirt road. The aid station is on the flats southwest of the bridge and close to the main road.

10.5 Sherman & Burrows Park

4WD. Take CR 2 NE from Silverton to Animas Forks (~11 miles) and continue on county roads over Cinnamon Pass (~5 miles beyond Animas Forks). Signs mark the road turns. From Cinnamon Pass, continue east toward Lake City approximately 11 miles to Burrows Park. **CREWS MUST NOT STOP AT BURROWS PARK AID STATION.** The Sherman turn-off is about 4 miles SE of Burrows Park. You'll know you're close to the Sherman turn when the road becomes significantly better at the bottom of the shelf road. Look for the BLM sign that faces Lake City. Turn sharply right (W) on the Sherman road, one mile to the BLM latrine and Cascade Creek trailhead where the aid station is located.

Alternate 2WD from Lake City. From Lake City, take SR 149 south to the turnoff to Lake San Cristobol road. Turn on the Lake San Cristobol road and continue past the lake to the end of the pavement. Continue on CR 30 about 14 miles to signed turnoff to Sherman. Go one mile to the BLM latrine and the Cascade Creek trailhead where the aid station is located.

10.6 Cunningham Gulch

Auto. Take CR 2 NE from Silverton 4 miles to Cunningham Gulch following the signs to the Old Hundred Mine Tour. Just after crossing the Animas River Bridge at Howardsville, turn right (S) on the CR 4 toward Stony Pass. At 2 miles, DO NOT ANGLE LEFT to Stony Pass and DO NOT TURN LEFT to the Old Hundred Mine; instead, angle right (SW) toward the Highland Mary trail head, staying along the left (W) side of the stream. At less than 2 miles above the Stony Pass Road, note the corral on the right (W). Go about 300 meters beyond the corral (S) to a large clearing beyond a thicket of willows. The aid station is in the clearing between the road and the creek.

Crew Rules at HRH Aid Stations

The purpose of the Hardrock Hundred Aid Stations is to give each runner aid in their attempt to reach the finish line. As long as crews share this purpose they are welcome at the **CREW ACCESS** aid station. If a crew chooses to ignore the following guidelines then their runner is at risk of being disqualified.

The Hardrock Hundred 10 Crew Commandments

1. The aid station captain is in charge of the aid station. It is up to them as to how the aid station will be organized and where crews will be allowed.
2. Crews are allowed into the aid station only when their runner and pacer are present.
3. Pets are not allowed in the aid station. In your vehicle? Sure, but please keep them restrained at all time.
4. Children are allowed within an aid station **ONLY** under the **DIRECT** supervision of an adult. This includes the start/finish in Silverton.
5. Food, drink, blankets, medical supplies, etc. at the aid stations are provided for the comfort of and use by the runners and their pacers.
- 6 Crews are asked to help us protect the fragile environment that we utilize. Please pack out all trash and equipment when you leave.
- 7 There are no bathroom facilities at most aid stations. Please keep this in mind and help us protect this part of the country.
- 8 Excessive noise, raucousness, and partying are not part of an effective aid station. Please save your celebrations for when your runner crosses the finish line!
- 9 Pacers may meet their runner at **CREW ACCESS AID STATIONS ONLY** except that pacers are allowed to start pacing at KT if they hike in to the aid station on their own.
- 10 Crew may give runners aid within 400 yards of the aid station. Please do not go out on the course and give aid between aid stations nor should runners or their crew stash aid for runners along the course.

Crew Access Aid Stations for the Hardrock Hundred are:

Silverton, Telluride, Ouray, Grouse Gulch, Sherman, and Cunningham Gulch

Remember, runners are responsible for and accountable for the actions and behaviors of their crews and pacers before, during, and after the run.

Hardrock 100 Mountain Run

2012 Course Information by John Cappis with input from Charlie Thorn

INTRODUCTION

In this section of the runners package we will briefly discuss the philosophy for the routing and marking of the course, review the course dedication, present some general information about the places along the course, discuss course marking to reinforce what is already put into the package, review the history of the course since the start of the Hardrock run, and present a detailed description of the course for the clockwise direction.

PHILOSOPHY

The course is designed to bring the runners into to the four major mining centers of the San Juan Mountains; Silverton, Telluride, Ouray, and Lake City, while staying as much as possible on trails and abandoned roads originally created by the miners to give the participant the maximum feeling of wilderness. As noted in the information you received with the entry form for entering this run, this course offers a graduate level challenge for endurance runs. The course is designed to provide extreme challenges in altitude, steepness, and remoteness. The extremes in altitude allow you to travel through four life zones. Care is taken to route the course so the runners exert a minimum impact on the environment. Mountaineering, wilderness survival and wilderness navigation skills are as important in this event as your endurance. The remoteness and wild nature of the course have dictated that Charlie Thorn, Course Marking Director, and I use a different marking approach than you may have encountered at other runs. **We expect the individual runners to have enough knowledge about the course that they can follow it without markers. You need to decide how to best equip yourself to meet this requirement. Methods that others have used include spending as much time as possible on the course before the runs, possibly with the group that installs the markers or relying on the written description and maps along with their navigation skills.** The markers we do put into the field should be considered as minimal navigation aids. For first time runners who are used to courses that are marked with a nearly continuous set of ribbons and/or glo sticks from start to finish, be prepared to change your expectations. There are sections where the runner will go for several miles without seeing a marker. We will elaborate more on marking later. **Each entrant must be willing to accept individual responsibility for being able to negotiate the course regardless of number or location of markers.**

DEDICATION

In the 1860s, hardy prospectors began to come into the San Juan Mountains to search initially for gold but soon including silver. The initial focus was in the vicinity of Bakers Park (current location of Silverton) but soon spread to the surrounding area. The establishment of permanent settlements in the San Juan Mountains was well under way in 1870's when Silverton was incorporated. By the end of the nineteenth century there was a veritable army of prospectors climbing among the lofty crags in hopes of making a fortune mining the minerals hidden between the peaks and in the valleys. Most of the towns, cabins, stamp mills, aerial tramways, tipples, smelters, and adits the miners built or dug have succumbed to the ravages of the elements. Large piles of unproductive rock (tailings) mined from the steep hillsides are often the only remaining visible evidence that once here labored men with dreams of finding buried wealth. Foot trails, burro trails, wagon roads, and railroads were constructed for transporting working materials to the mining sites and hauling ore from the mines to the markets. This run follows routes laid out by the miners and is dedicated to their memory.

GENERAL INFORMATION

The HARDROCK 100 is a mountain run that passes through some of the most beautiful and rugged mountains in the world. It has been designed to give the runner a solid overview of the various types of terrain in the area. In places you will be on nearly vertical cliffs with the trail being a shelf blasted across their faces. In contrast, you will encounter high open valleys with grassy meadows in the bottom and large stands of uncut evergreens along the sides. Elevation changes range from a high of 14,048' to a low of 7680'. The total vertical climb and descent, accumulated while crossing thirteen ridges over 12000' in elevation, is about 66,000 feet. Much of the route is at elevations above tree line and on a clear day, views for distances over 50 miles are common. At this time of year there will be water everywhere giving rise to the early blooming wild flowers and creating spectacular falls.

The 2012 course will start and finish at the Silverton High School in Silverton, Colorado and will be run in the clockwise direction. Most of the route will follow the 2009 course with minor exceptions. In contrast to the counter clockwise running this year 2012, Chapman Gulch will NOT be a crew access station but will be a drop bag station. Please adjust your drop bag thoughts accordingly. Further, there will be a minimal aid station at Burrows Park with no crew access or drop bags.

Enclosed in this section of the manual is a table of cut off times. The cut off times for stations in the early and middle stages of the run are longer than the historic 48 hour cut off times derived from runners' performances in previous years. This is to allow runners the opportunity to sit out a thunder/lightening storm and still have an opportunity to finish. The two columns you should use to anticipate your pace are the historic 48 and the absolute cut offs. The historic 48 hour times are based on a weighted average of runners from the 2004 and 2006 runs who finished between 47:30 and 48:00 hours. The times given are the times for arriving at the aid station and have stay times at previous stations included. The absolute cut off times are based on a steady pace weighted for difference in uphill and downhill pace. The historic 48 projection has always shown a slowing in pace as the run progresses. Those runners who plan to be close to the 48 hour limit should keep in mind the difference between the historic finish time paces and the absolute cut offs when deciding when to reach each aid station. There are rare instances when runners have proven it is possible to be close to the absolute cut offs at the early stations and still finish under the 48 hour cut off, but these are really the exception rather than the rule.

As you read the route description, you will find many references to the bruin family. There are now three Bear Creeks and a Grizzly Gulch on the course:

1. One is the Silverton Bear Creek between Mineral Creek crossing to Putnam Basin.
2. A second is the Telluride Bear Creek between Wasatch Saddle and the town of Telluride.
3. A third is the drainage we refer to as Ouray Bear Creek between the Oh Point Road on Engineer Pass and the Uncompahgre River. The ruins on the shelf part of the Ouray Bear Creek are the remains of the Grizzly Bear Mine.
4. The route between the summit of Handies Peak and Burrow's Park is via Grizzly Gulch.

Incidentally, there is still the possibility of seeing a real bear on the course as has now been proven in several of the runnings including one in 2007.

Every attempt will be made to follow the course as presented in the mile by mile description, but changing snow conditions and/or who knows what may necessitate a last minute change. Please be prepared to accept such changes up to and including run day. Every attempt will be made to render a decision based on runner safety and ability to field aid stations of whether to hold the run or not. It may be that the snow will be in such a condition that the runners can safely negotiate it, but it will be impossible to field all the aid stations. One possible result of this last scenario is that runners will need to carry their own supplies for longer distances on some legs.

This is a *dangerous* course! In addition to trail running, you will do some mild rock climbing (hands required), wade ice cold streams, struggle through snow which at night and in the early morning will be rock hard and slick and during the heat of the day will be so soft you can sink to your knees and above, cross cliffs where a fall could send you 300 feet straight down, use fixed ropes as handrails, and be expected to negotiate the course with or without markers. See philosophy above. Much of the time you will have wet feet and it is recommended you have dry shoes in your drop bags and dry socks in you pack. Feel free to include any specialized equipment such as ice axes, crampons, snow shoes, or skis that you are willing to carry between drop bag stations as part of your paraphernalia.

As part of the course description package you will find the following:

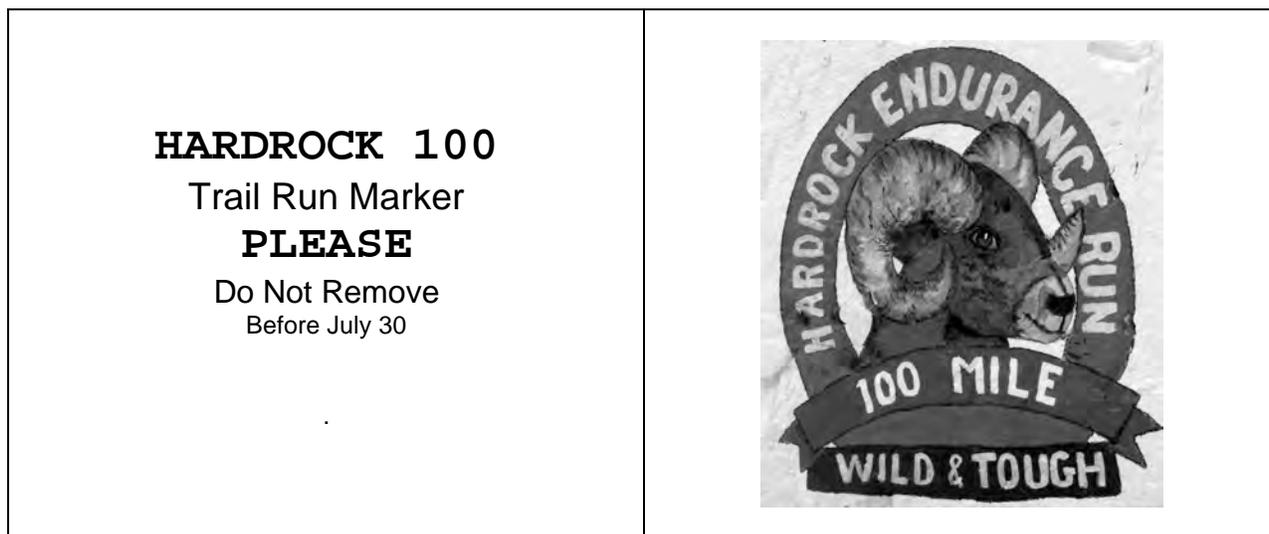
1. A clockwise Hardrock 100 altitude profile graph from 2008. It's the same for 2012 except that the Bridal Basin section is NOT included.
2. A short glossary of "jargon" words.
3. A table of the aid station opening and cut off times along with a table containing a summary of the legs between the major mining camps of Silverton, Telluride, Ouray and Sherman representing Lake City. This table has been adjusted to reflect the two-mile length increase due to addition of the Bridal Veil section. Please note that absolute cut off times are always at least a minimum of one and a half hours longer than 48 hour pace. This cushion is provided primarily to allow for runners being held up by bad weather. There will be no absolute cut off times at Virginius Pass, Engineer, Burrows Park, Pole Creek, or Maggie Gulch.
4. A mile by mile description of the course with mileage in brackets and the altitude (in feet). All mileage used was obtained by a combination of ground wheel measurements and map measurements and totals 102.5 miles. Accuracy of total mileage is estimated to be within +/- 2 miles. Cumulative vertical climb and descent is given as 66,248 feet and should be regarded as the lower limit for the course. In regard to route designations for reference to maps, I have used several designation schemes. The listings in the trail description are as follows, the Drake map designation, followed by the forest service designation if different from Drake, and finally by the Colorado Atlas and Gazetteer designation if different from the other two. FR and TR are forest service designations meaning forest road and forest trail while RD is the road designation obtained from the Colorado Atlas and Gazetteer. See the glossary for an explanation for single words, such as acrophobia, listed for specific locations.

NOTE that this version of the course description includes a very brief summary of the Bridal Veil Basin section between Oscar's Pass and Telluride.

A "Drake Mountain Map" with the route marked can be a useful tool for the run. (This is the official map for the run.

COURSE MARKING

The primary marking for the course is a specially designed marker. The marker consists of metal rod fitted with a metal plate that is covered with a reflective label. The major markings shown on each side of the label are shown below



The color of the reflectors varies and may be blue lettering on a yellow background, black lettering on a silver background or red lettering on a silver background. The markers were first used starting in 1993 and have proven to be relatively impervious to the 1992 problem of the marmots (low grade ground hogs) eating the flags. A hog nose ring (idea from John Dewalt) is used to attach the plates to the rod. This allows the plates to move in the breeze making them easier to see. In addition to the metal reflectors, fluorescent orange plastic flagging will be added to the rods. This aids greatly in locating the markers during daylight hours when the markers tend to blend with the vegetation. A minimum length of plastic flagging is used because too long a length tends to get tangled in the mounting ring and keeps the plates from moving. It is suggested that you take the time upon your arrival in Silverton to go and test your light on one or more of the markers to be sure the light will adequately reflect from it.

Markers are stuck in the ground or, in a very few cases, mounted on signs or posts. Every attempt is made to always place the metal markers so they will be on the left side of the runner. Other markings, such as white chalk lines may be used in towns and on major roads. Besides marmots, these markings may be removed by humans, or, especially in the Pole Creek area, by elk. **It is expected that you will be able to negotiate the course either with or without markers.** Map studies and training on the course are two ways of obtaining this ability. Course marking begins two weeks before the run and is finished by the Tuesday prior to run day. You are welcome to join any or all of these sessions. A schedule for marking is included in your packet.

The entire course is not marked with a continuous set of trail markers. On very good trails, such as the Cataract Lake section from Sherman to the waterfall and in Grizzly Gulch from timberline to Burrows Park, there

Version 2012.1

©John Cappis & Charlie Thorn 2012

will be few or no markers. Otherwise on good trails markers are placed at about 1/4 mile intervals. For road sections, like the Camp Bird, Engineer Pass, and Cinnamon Pass roads, markers are normally only placed at intersections and it may be a couple of miles between markers. For cross country sections where all runners are expected to pass in daylight, markers between intersections on secondary trails and cross country are placed at about 50 yard intervals. For night sections, this distance is reduced to be about the range of a good light. However, the storm that caught the second night runners in 2000 left clouds hanging on the route that severely limited the runners lights from picking up the next markers. Again, we want to emphasize the importance of knowing the course and being able to navigate it without needing makers as a guide. Intersections are marked with multiple markers placed at 5 to ten yard intervals.

In 2012 we have added a limited aid station at Burrows Park. Including the Silverton start/finish, we plan to have thirteen manned aid stations on the course. All but Burrows Park are indicated on the altitude profile in capital letters and on the trail map with an A. Those followed by a C on the altitude profile will be crew access stations. Telluride, Ouray, and Sherman will be major medical stops, i.e. provide the most assistance for medical needs and easier transport for more professional care. Chapman Gulch, Telluride, Ouray, Grouse Gulch, Sherman, and Cunningham Gulch will be locations for bag drops and crew access. Pole Creek, Engineer and Virginius Pass are stations that are set up by packing the supplies to them, either on horses or in back packs, and may have limited offerings for food and definite limitations on getting you evacuated for medical attention. Helicopters have been sent to Pole Creek three times in the history of the run to evacuate a sick or injured person. It is planned to have cans of water at Burrows Park for a serve yourself station.

The USGS 7.5 minute maps containing the route are listed below. Other useful maps include the Drake Map of the Mountains of Silverton, Telluride, and Ouray (2000) (the official run map), USGS 1/50000 county maps for San Juan, Hinsdale (2sheets), Ouray (south sheet) and San Miguel (eastern sheet) counties of Colorado, U.S. Forest Service maps for Uncompahgre, San Juan, and Rio Grande National Forests, and the book "Colorado Atlas and Gazetteer-Topo Maps of the Entire State". Familiarity with the route, even from an arm chair, will greatly increase your confidence and enjoyment of the run. Extra copies of the Drake Mountain Maps are available for purchase from run management.

USGS 7.5' QUADRANGLE MAPS

Silverton	Howardsville	Pole Creek Mountain
Redcloud Peak	Handies Peak	Ironton
Ouray	Telluride	Ophir

COURSE HISTORY

In the fall of 1991, Gordon Hardman placed a notice in Ultrarunning magazine that in the summer of 1992 there would be a 100 mile run in the San Juan Mountains of southwestern Colorado. I contacted Gordon and asked what his thoughts were for a course. The general approach was to bring the route as close as possible to Silverton, Lake City, Ouray, and Telluride, the four major mining towns of the San Juan district. The original thought was to change the start/finish between towns each year to add variety to the run. I volunteered to try and lay out a course, keeping in mind the idea of connecting the towns while at the same time selecting routes that would be on trails as much as possible. By January of 1992 a route developed entirely from map studies was available. Charlie Thorn then became active in the process and by April the necessary government permits were obtained. In June, Charlie, Rick Trujillo, Gordon and I spent many days making sure the chosen routes were feasible and in making field adjustments, including addition of the Dives Little Giant section only one week before the run. The course was run in the clockwise direction with a nominal length of 98.8 miles and an accumulative vertical gain of 29684 feet. Start and finish was in the Silverton city park with a large tent serving as run headquarters. The major points on the first course were the Shrine Road, Highway 550, South Mineral Creek Road, Ice Lake, Island Lake, Grant Swamp Pass, Chapman Gulch, Oscar's Pass, Wasatch Basin, Telluride Elks Park, Mendota Pass, Virginius Pass, Governor Basin, Ouray Box Canyon Park, Uncompahgre River Dam, Engineer Pass, Grouse Gulch, American-Grouse Pass, Handies

Version 2012.1

©John Cappis & Charlie Thorn 2012

Peak, Grizzly Gulch, Burrows Park, Cinnamon Pass Road, Sherman, Cataract Lake, Main fork of Pole Creek, West fork of Pole Creek, Maggie Gulch at Stamp Mill, Buffalo Boy Ridge south approach, Rocky gulch, Stony Pass Road, Cunningham Gulch, Dives Little Giant, Arrastra Gulch, State Route 110, and the Finish. After this first year, it was decided to keep the start/finish permanently in Silverton, reversing directions every running of the event.

In 1993 the course was run in a counter clockwise direction and the nominal length was 100.6 miles with an accumulative vertical gain of 29,849 feet. The only major course change that was made from the 1992 course was moving the Ouray aid station from the Box Canyon Park to the park near the swimming pool.

1994 saw a number of major course adjustments for a clockwise running, resulting in a length of 101.1 miles with 32,698 feet of accumulative climb. The start/finish was moved to the old Kendall Mountain Ski hut. After the 1993 run, Ulrich Kamm purchased a number of old maps and books of the Silverton area. In them he discovered a potential route for bypassing the South Mineral Creek Road. Subsequently, Charlie and I found the trails Ulrich advocated and adopted the Silverton Bear Creek-Porcupine Creek-Kamm Traverse routes. This necessitated that some other major adjustments be made to the course in order to stay close to the 100 mile distance. The first adjustment was to use the original Island Lake trail from lower Ice Lake Basin, eliminating the need to go to Ice Lake. The second was to adopt a route on Handies Peak that required an out and back leg from the Boulder/American saddle to reach the summit. After returning to the saddle, a combination of animal or old mining trails were followed along the southwest ridge of Handies peak then along the Boulder Gulch stream to Cottonwood Creek where a seldom used jeep road is followed to Sherman. This eliminated the need to be on the very popular Cinnamon pass road. Other changes that were made included bypassing the Uncompaghre Dam, at the request of the owner, inserting the roped river crossing, across the Uncompaghre River, and substitution of the beaver pond trail section from Arrastra Gulch to the Finish for highway 110.

After canceling the 1995 run because there was too much snow, 1996 became a counter clockwise year with a course of 101.3 miles and 33,008 feet of climb. Safety and environmental impact concerns led to a modification of the course between the Buffalo Boy Tram Shed and Maggie Gulch. This consisted of moving the crossing point farther north on the ridge then using the trails and jeep roads past the Little Martha Mine. The Maggie Gulch aid station was moved to the stream crossing on the Little Martha road. This was the year the Telluride aid station was moved to the town park with the modification of the routes for getting into and out of town.

In 1997, the advertised distance for a clockwise run was still 101.3 miles with 33,008 feet of climb, but a modification of the course during marking probably changed these values. A large snow cornice was hanging above the Little Martha Mine valley in Maggie gulch, so rather than expose the runners to this possible avalanche; the route was redesigned to follow the Crystal Lake trail and the ridge between Crystal Lake and the Little Martha Mine valley. Another change was the adjustment on the west side of Handies Peak to use the newly reconstructed BLM trail that passes near Sloan Lake, thereby reducing the potential environmental impact on the fragile tundra area. The final change came with the development of the Nute Chute by Silverton runner Chris Nute to follow the Silverton-Ironton railroad bed instead of Highway 550.

In order to eliminate the out-back section to reach the summit of Handies Peak, in 1998, the up-Chuck ridge route was adopted between Boulder Gulch and Handies peak. This consisted of switching from the southwest ridge of Handies Peak to the southeast ridge for the 1998 counter clockwise run. The identical course was used in 1999 except in a clockwise direction. The 1998 distance was listed as 101.3 miles with 33,015 feet of climb, but after rechecking measurements for some sections of the course in 1999 this distance was adjusted to 101.7 with 33,065 feet of climb.

The year 2000 saw only one change to the course and this was on the up-Chuck ridge approach to Handies Peak. After the 1999 run, it was observed that there was a great potential for excessive damage to the steep alpine tundra on the steep section from Boulder Gulch to the South East Handies ridge, particularly in the clockwise direction. Charlie had located a potential alternate route on game trails and an old mining trail to achieve the ridge. Subsequently, after walking this proposed route with a BLM official, it was adopted.

For 2001, there were no planned major changes in the route. However, in November of 2000, the Colorado

Version 2012.1

©John Cappis & Charlie Thorn 2012

Environmental Coalition filed a protest with the BLM that the Hardrock did not have a proper environmental assessment (EA) statement in place for the Wilderness Study Area (WSA) around Handies Peak. Since it would not be possible to get the proper BLM technical people in the field to assess the Boulder Gulch route before the 2001 run, it was decided to move the course to the Grizzly Gulch-Cinnamon Pass route for getting between the summit of Handies Peak and the Sherman aid station. It is our understanding the Grizzly Gulch trail was field certified by the BLM for an EA. Subsequently, to try and account for differences created by the Grizzly Gulch change, the aid station in Ouray was moved from the swimming pool to the Box Canyon Park parking lot. With these changes, the nominal distance is 100.3 miles with a climb of 33,082 feet. BLM officials were very cooperative in assisting us with meeting the requirements for obtaining a permit for 2001.

The run in 2002 was canceled because of the forest fires in the Durango area and the high fire danger throughout the entire course area. Just two weeks before the run, run director Dale Garland was watching the flames on Missionary Ridge working their way toward his house and was wondering if he would have to evacuate. In addition, the emergency services groups in along the course were very busy coping with the extreme fire situation and we decided to cancel the run to help lessen the potential burden on these support groups. Subsequently, it was 2003 before the run used the same course as in 2001, but in a counter clockwise direction.

For 2004 there were three major changes. (1) The aid Station in Ouray was returned to the gazebo at swimming pool park instead of in the parking lot of the Box Canyon Park. This gave better crew access to runners and made it more convenient for aid station workers and radio operators. (2) The route from Burrows Park to Sherman was modified to reduce the amount of time runners must spend on the Cinnamon Pass Road by 1.5 miles. Working with BLM and private landowners, a cross-country route adopted between the Sherman Overlook on the Cinnamon Pass Road and the bridge across Lake Fork of the Gunnison. (3) The route from Maggie Gulch to Cunningham was completely rerouted. It climbed Buffalo Boy Ridge south of the old route then followed a built trail under Canby Peak to Stony Pass. From Stony pass the route goes cross country to a low point in the ridge east of Green Mountain. It then crossed into Green Mountain valley and followed it to an old mining trail into Cunningham Gulch. A unexpected surprise in the Green Mountain drainage in 2004 was the presence of a large herd of sheep with dogs.

The aid station location in Maggie Gulch and the route between the aid station and Maggie-Pole Pass was changed in 2005. The route between Buffalo boy Ridge and Maggie Gulch adopted in 2004 meets the end of the road in Maggie Gulch. The aid station was relocated to this road end (the place where it started in 1992). The route was modified to follow the (old) Continental Divide Trail from its intersection with the La Garita stock trail just below Maggie/Pole Pass to just above the Aid Station/Road end where going about ¼ mile of cross country/game trail was necessary. This eliminated about ¾ mile of jeep road from the course and made the overall corrected measured distance 100.4 miles and the vertical climb/loss 32,992 feet each. .

At the last minute in 2005 a change was made to use a bridge across the Uncompahgre River that the Ouray Hiking Club had put into place. This move was initiated by the high water from snow melt in the river that would have made the fording of the Uncompahgre too dangerous. For 2006 and 2007 the route was essentially identical to 2005 including use of the bridge over the Uncompahgre.

After the 2007 Hardrock, the Ouray Trails Group, under the direction of Roger Smith, significantly improved the Ouray Perimeter Trail. That allowed the Hardrock to follow the newly improved Perimeter Trail from the Camp Bird Road into the upper end of Box Canyon Park, cross a high bridge above The Box, enter a tunnel, and follow the trail down to Queen Street and then Oak Street on the west side of the Uncompahgre and north to the bridge into the swimming pool park aid station. The exit from Ouray included going south through Ouray on 2nd Street past the Box Canyon Park Headquarters before climbing past the park to the next bridge. From there, we picked up the Ice Park Trail that was followed all the way to the dam. The 2009 and 2010 courses were essentially identical to the 2008 course.

Because of threats of lawsuits between Gold Hill Development Corporation and Federal land custodians over access into Wasatch Basin and because of extremely low tolerance for risk by the Hardrock Board of Directors, the 2011 course was diverted from Wasatch Basin to Bridal Veil Basin, adding approximately 2.0 miles. The course run was approximately 102.5 miles. In addition, because of renovation at Silverton High School, the start and finish was

Version 2012.1

©John Cappis & Charlie Thorn 2012

moved to the Kendall Mountain Recreation Center. Rodger Wrublik generously provided a large tent to house the festivities at Kendall Mountain.

The 2012 start and finish will return to the Silverton High School gym as its renovations have been completed. In addition, a minimal aid station is being provided at Burrows Park. Barring last minute changes and possible resolution of disputes over access into Wasatch Basin, the route will be essentially that of 2012, including the Bridal Veil Basin diversion. Total distance will be approximately 102.5 miles. Other course changes may be necessary due to changes in land management policies, privatization of land, construction of buildings on routes we had previously used (this has happened and is happening near Telluride) or who knows what. Come and enjoy the course and we hope you will take time to marvel at how the early hardrock miners built these roads and trails using hand tools. What a wonderful legacy they have given for us to be able to access and enjoy the San Juan Mountains.

HARDROCK 100

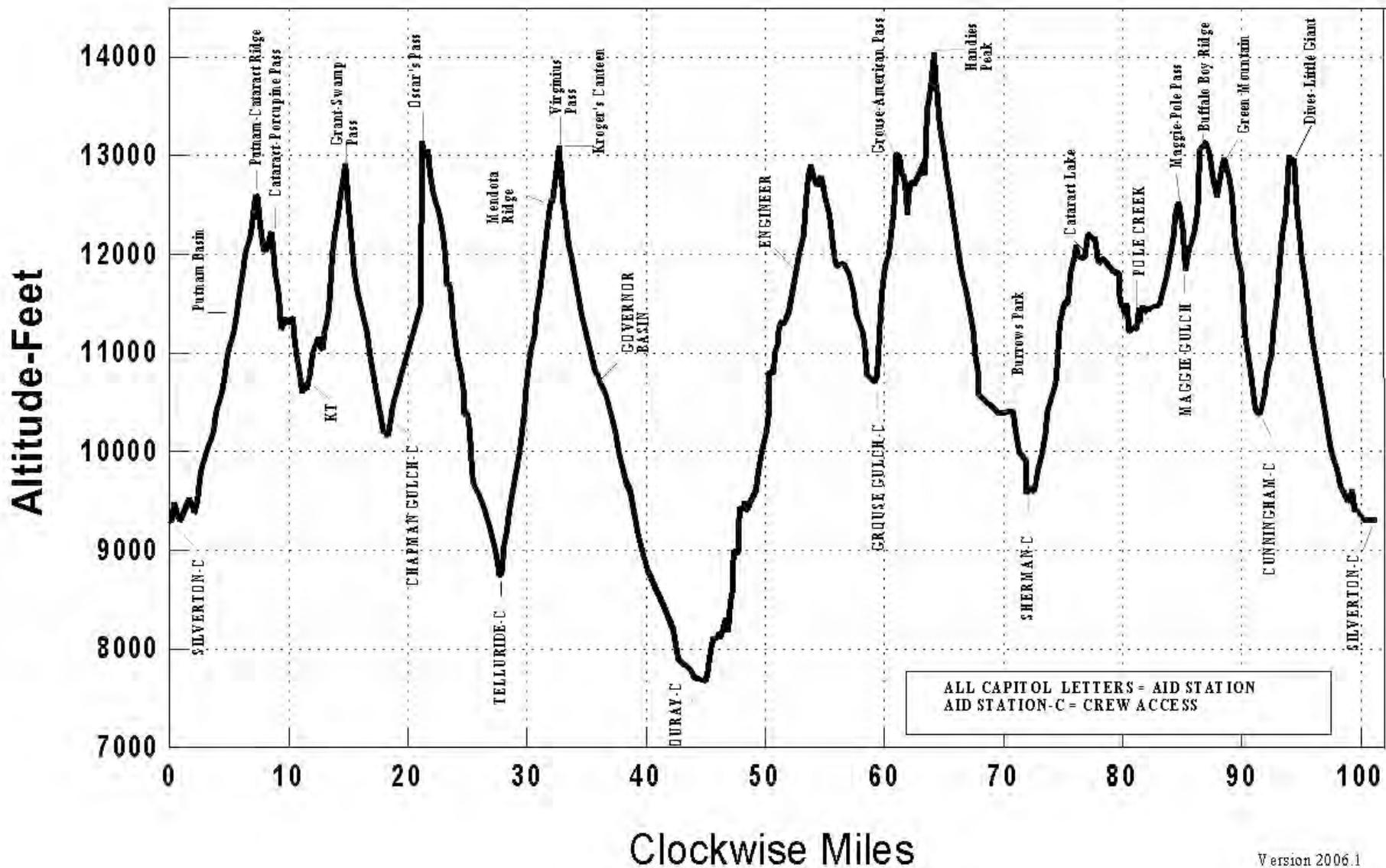
“JARGON” TABLE

acrophobia	An abnormal fear of being in high places. If you suffer from this and see it in the course description, you will not enjoy that location on the course.
adit	The entrance to a mine, also known as a portal.
bench	A natural occurring shelf across the face of a mountain which gives relatively flat areas to walk on. They are almost natural trails and were followed by the miners since they required less effort to construct a trail.
cairn	A pile of rocks that have been stacked together to provide a permanent trail marker. They may consist of only a few rocks sticking up a less than a foot, or be somewhat elaborate rock towers several feet high.
cornice	A layer of snow that projects outward into open space from the top of a snow field. This makes it very difficult to climb to the top of the snowfield from below and offers the possibility of falling through it into space if walked on from above. Cornices cannot readily be seen from above, so use extreme caution when approaching the edges of snowfields, particularly on east or north facing ones.
exposure	Being in a position on the side of a mountain where a fall would cause you to slide or fall directly a long way down the mountain.
fixed rope	Rope attached to the mountain to be used like a banister on a steep stairway. Used when a fall at that point could cause injury or death.
glissade	Intentionally sliding down a steep snow field. Standing glissade = using your feet like skis. Sitting glissade = sliding down on your butt. (long pants recommended).
hanging wall	A band of cliffs that occurs between a “hanging valley” and a larger valley perpendicular to it. These were formed when a small glacier was tributary to a larger ice stream. The larger ice stream valley was cut deeper than the small glacier valley and when the ice melted the smaller tributary “hanging” valley was left perched above the main valley often with a cliff band to mark the junction.
ice axe	Mountaineering tool for cutting steps, helping control glissades, and stopping uncontrolled slides on steep snow fields. Useful in years with lots of snow.
mill	The building where metal is separated from the rock by physical or chemical processes. The ground up rock not containing metal is discarded in large piles that look like misplaced beach sand that is called tailings.
jeep road	A road built with the intent of being traveled by a good four wheel drive vehicle and a gutsy driver. When I say good jeep road, four wheel drive is probably not needed when the road is dry. When I refer to old or abandoned jeep roads, these are one time jeep roads that are now closed to vehicles so the tread is really a trail. Some of these abandoned roads offer the toughest on trail footing you will encounter.

- mine dump Pile of rock and dirt stacked on the hillside showing where miners had dug a tunnel and left the rock not containing minerals on the hillside. Generally much finer grain and lighter color than surrounding rock, tending toward yellow or red. Some people also refer to these as tailings (see definition for mill).
- saddle The low point in a ridge between two points or summits.
- scree/talus Loose rock and dirt on a very steep mountainside that has enough friction to stay where it is until you step on it, then it slides down the hill. Like trying to go uphill in mashed potatoes, you slide back 3/4 of a step for each step up. When coming down hill it can be like riding a skateboard with the moving dirt being your wheels.
- shelf trail/road A trail or road that has been created across a cliff face and has exposure off the edge. On many of the shelf sections you can see the remaining sections of the drill holes that were put in so the rock could be blasted with dynamite.
- snow field Any accumulation of snow that is still on the mountain when the run is held. Those deposited by snow slides will be extremely hard allowing you to walk on them without sinking at all times of the day (they will be full of rocks and trees pieces that were carried down in the slide). Fields that were created by natural fall will be soft during midday, hard and slick at night.
- switchback A sharp turn in a trail (about 150 degrees), which allows the trail to traverse back and forth across the mountain face at a slope reasonable for a burro hauling mining supplies up and ore down.
- traverse To move laterally across the face of a mountain as opposed to directly following the fall line.
- timberline The altitude above which the trees cease to grow. In this area of Colorado, about 11,800' but it can vary considerably.
- tipple The wooden tower built over a vertical shaft where buckets can be raised and lowered on a cable. Best example on the course is in Little Giant Basin.
- willow A generic term I have used for the small bushes that grow profusely in stream bottoms and just above timber line. They can be very difficult to move through without a trail.

Hardrock 100.4 Mile Mountain Run

32,992 Feet of Climb



2012 Clockwise Hardrock Aid Station

Opening and Cut Off Times*

STATION	MILES	MILES	CLIMB	DESCENT	Avg Vert	OPEN TIME		LEADER	Avg 48 HOUR Pace		ABSOLUTE CUT OFF	
	Total	Leg	Feet	Feet	Ft/Mile	Day	Hour	Arrival	Day	Hour	Day	Hour
Silverton-Start			0			Friday	0500	0600	Friday	0600	Friday	None
KT	11.5	11.5	4069	-2749	592	Friday	0710	0810	Friday	0950	Friday	1245
Chapman Gulch	18.1	6.6	2450	-2920	725	Friday	0820	0920	Friday	1250	Friday	1600
Telluride	29.8	11.7	3090	-4500	852	Friday	1010	1110	Friday	1640	Friday	2040
Kroger Canteen	34.7	4.9	4390	-40	886	Friday	1140	1240	Friday	2000	Friday	None
Governor Basin	37.9	3.2	0	-2320	725	Friday	1200	1300	Friday	2100	Saturday	None
Ouray	45.9	8.0	48	-3148	404	Friday	1300	1400	Friday	2315	Saturday	0325
Engineer	53.9	8.0	4575	-455	661	Friday	1510	1610	Saturday	0400	Saturday	None
Grouse Gulch	60.4	6.5	1220	-2310	511	Friday	1625	1725	Saturday	0730	Saturday	1050
Burrows Park	69.7	9.3	4188	-4308	914	Friday	1930	2000	Saturday	1315	Saturday	None
Sherman	73.9	4.2	0	-950	226	Friday	1940	2040	Saturday	1345	Saturday	1650
Pole Creek	82.8	8.9	3210	-1390	505	Friday	2225	2325	Saturday	1815	Saturday	None
Maggie Gulch	87.1	4.3	1340	-960	548	Friday	2330	0030	Saturday	2015	Saturday	None
Cunningham Gulch	93.2	6.1	1700	-3160	796	Saturday	0110	0210	Saturday	2150	Sunday	0200
Silverton-Finish	102.5	9.3	2770	-3840	718	Saturday	0350	0440	Sunday	0600	Sunday	0600

Times are in military (24 hour clock) time.

©2010 Charlie Thorn

Summary of Hardrock 100 Legs CW

Leg	MILES Leg	CLIMB Feet	DESCENT Feet	HWY Miles	Auto Road Miles	Jeep Road Miles	Trails Miles	X-Country Miles	Avg Elev Feet
Silverton-Telluride	29.80	9619	10179	1.6	0.6	2.2	21.7	3.7	11023
Telluride-Ouray	16.16	4390	5460	0.1	5.1	5.2	5.3	0.4	10152
Ouray-Sherman	27.87	9943	7983	0.0	4.9	5.4	15.5	2.1	11082
Sherman-Silverton	28.65	9010	9340	0.0	1.2	3.1	20.1	4.3	11431
Totals	102.48	32962	32962	1.7	11.8	15.9	62.6	10.5	11016

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

[0.0] 9310	SILVERTON Start in front of Silverton High School gym on 12 th Street. Head (NW) on 12 th Street, north east side of the high school. Go NW to Snowden Street, turn left, [SW], go two blocks to 10 th street, turn right [NW] and go up hill. When 10 th street ends, continue straight ahead on a trail that climbs toward the Shrine of the Mines statue. Turn left on the Shrine road (SE) and follow it 0.5 miles, almost to the intersection of the Shrine Road with Highway 550.
[0.8] 9301	Nute Chute. About 30 yards before reaching Highway 550, turn right [WNW] and follow jeep road under the electric power lines. You are going to parallel the highway, staying to the right and above it as you go up canyon in the Mineral Creek Drainage. The road merges into a across a red talus slope. You pass high above the log building that at one time was the Columbine Hotel and the white, green and silver metal buildings next to the highway. After coming off the talus slope you are on a broad, almost level trail through the aspens. The route you are following is the railroad bed that carried trains from Silverton to Ironton. About 0.6 miles beyond the old Columbine Hotel, when you are directly across from the Silverton Bear Creek, leave the railroad bed on a trail to your left. . The trail drops under the power line near a two poled power line support, and descends on a sloped bench to highway 550. Silverton Bear Creek, the next leg of the run, is the large canyon you will be looking up across Mineral Creek. When you reach the highway turn left, [ESE] and go down stream about 50 yards. (The Nute Chute is named in honor of Silverton runner Chris Nute who suggested this route to eliminate the need to run on Highway 550.
[2.0] 9395	Mineral Creek. {The route described below from Highway 550 to the Ice Lake trail is only partially shown on the Silverton Quadrangle USGS map.} When you are even with the confluence of the Silverton Bear Creek and Mineral Creek, leave the highway turning right (SSW), go steeply about 30 feet down to the waters edge then work your way upstream for about 50 yards to the fixed rope anchor. Wade the knee to waist deep Mineral Creek using the fixed rope for assistance. Climb the short steep bank up the south side of Mineral Creek, then angle right, upstream (WNW) until you get into an open area that has several large fence posts in it. Keeping the fence posts to your right, turn directly toward [SSW] Bear Creek Canyon and pick up the obvious old mining trail paralleling the north side of the Bear Creek Stream.
[2.3] 9490	Trail makes a hard right turn (WNW) climbs steeply for 0.3 mi then levels as it gradually turns back (SW) into the Bear Creek drainage. Follow the mining trail (WSW) high on the right (NE) side of Bear Creek between Sultan Mountain and Bear Mountain. As you climb, there are some impressive rock glaciers to be observed on Sultan Mountain across the valley to your left.
[5.3] 11200	Pass through a tangle of willows then drop slightly and enter a spruce-fir stand of trees on a steep, wet hillside that has a series of benches paralleling the stream. Continue (WSW) on one of these benches for about 0.25 mi., maintaining an elevation of about 11,100'. You may encounter snowfields through here. When you reach a good sized stream coming out of Putnam Basin to the right (W), turn right, (W) keeping the Putnam Basin stream to your left. Climb steeply following the combination of elk trails and sections of the original built mining trail to the Putnam Basin Trail.
[5.8] 11400	Putnam Basin Trail. Maintained by the shepherders, this good trail stays to the right (N) of the stream as it climbs first west then WSW up the basin. {The trail is not on the Trails Illustrated map, the USGS Silverton Quadrangle map or in the Colorado Atlas and Gazetteer.} About 0.75 miles up this trail, watch carefully for the trail fork where you go to the right (on the less distinct trail), climbing quickly toward the cliffs. The better looking left fork comes to a dead end at an abandoned mine/mill. Your trail climbs rapidly as it threads its way through the willows, crosses several steep gullies which may be snow filled and then works its way above the cliffs. Acrophobia, Exposure. The ruins of the mill are at the base of the cliff below you. As you climb into upper Putnam basin, the trail levels and the direction swings from WSW to almost straight south. From where the trail ends, cross the Putnam Basin stream on a wide bench at the top of the cliff band and pick up one of the sheep trails that takes you directly toward the saddle (S) between Putnam Basin and Lime Creek.
[7.0] 12400	Putnam-Lime Creek Saddle. As you top this saddle you are looking south into Lime Creek. Highway 550 between Silverton and Durango is readily visible. Turn right (WNW) and climb directly up the Putnam-Lime ridge about 0.3 miles, (elevation 12,600, (top of the 1st climb) then pick one of the sheep trails to your left and contour around the left (SW) side of the ridge. Continue around the mountain, gradually losing altitude until you are directly above the Cataract-Lime Creek saddle, below you on the left. Turn left (W) and descend steeply into the grassy area near the Cataract-Lime Creek saddle. On your right is the spectacular looking horseshoe shaped chasm of Cataract gulch.
[7.8] 12110	The route from the Cataract-Lime Creek saddle makes a large arc across upper Cataract Gulch. Your target is the saddle between Cataract and Porcupine Creeks. There are numerous trails across here including a built mine trail and numerous sheep trails. Exactly how you cross upper Cataract Gulch is dependent on the snow conditions. Stay in the meadow about 200 yards above the cliffs that drop off into Cataract Gulch going from a W to NW direction. Like the crossing across the major portion of upper Cataract, the final climb to the Cataract-Porcupine saddle is snow dependent. In a dry year, head for the switch back you see in the trail below the saddle, and then take a hard left (SW) and climb to the saddle. In a snowy year, pick a route directly to the saddle, usually on very hard, steep snow.

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

[8.6] 12230	Cataract-Porcupine Saddle. Turn right (NNW) off the trail and go cross country as you descend steeply for 200 to 300 yards then contour around the hillside still descending the Porcupine Creek drainage through a series of willows and bogs. The shepherd's trail through here is intermittent, but with care can be followed (W). You want to make sure you are on this trail get through the head wall. Follow the trail across a grassy slope until you reach a large fallen tree. The shepherders trail goes straight. Turn left (SSW) off the trail and descend cross country to the stream.
[9.4] 11240	Porcupine Creek. Cross Porcupine Creek and pick up a good trail that takes you due west across several tributaries of Porcupine Creek. You don't have much of a net altitude change across here even though you are going up and down, in and out of stream crossing. After crossing the last tributary, you are on a swampy bench with some huge conglomerate rocks to your left. The trail climbs sharply (W) to the 11600 foot level below the NE ridge of Twin Sisters, crosses the ridge then swings (SSW) under the NE peak of the Twin Sisters while experiencing very little elevation change.
[10.3] 11360	Near the west ridge of the NE Twin Sister Peak, you will cross next to an active rock glacier. The grass on the hillside is visibly being displaced by the moving rock. A great place to take a break and marvel at one of nature's mountain eroding activities in action. Just past the rock glacier the trail turns abruptly right [NW] and descends rapidly on a series of switchbacks into the South Fork of Mineral Creek. Once into the meadow at the bottom, continue to angle right (WNW) across the meadow on a muddy track. The abandoned buildings across Mineral Creek to your left are the remains of facilities at the Bandora Mine. Your goal is to get onto FS road 585 about a quarter mile down canyon from the Bandora.
[11.1] 10600	South Fork of Mineral Creek. (Elev. 10600) Wade the stream, {depending on the water level there may be a fixed rope} work your way directly up the grassy hillside on the west side of the stream to the Bandora Jeep Road (Elev. 10690). KT AID STATION Turn right (N) on the road (FS-585) and go 0.3 mi.
[11.5] 10640	Turn left (NNE) on abandoned mine road and cross the face of the mountain. From here to the Ice Lake trail is the Kamm Traverse, named in honor of Ulrich Kamm, who suggested using this route after the 1993 run based on some old maps. Since then, the Hardrock has essentially followed his suggested course. At the caved in mine, the road ends and the path narrows to a game trail that crosses the end of the ridge directly west of the South Mineral Campground and about 1200 feet above it. Exposure, Acrophobia. A mixture of columbine, various colors of paintbrush, green gentian, and multiple kinds of yellow and blue flowers abound across this slope giving you a wonderful flower show.
[12.0] 11000	Enter the trees, and follow the trail to the left (WNW) on a bench. Pass to the right of some large conglomerate rocks and ponds and continue straight across a small meadow where the bench you have been following drops to your right toward the stream. Once into the trees, follow the trail through a series of bogs maintaining altitude until you meet the Lower Ice Lake Basin stream. In this short stretch of stream the canyon bottom is a relatively flat bowl with a small waterfall at the upper end and a series of piled up trees at the lower. Carefully pick a way across the stream, either by wading or walking on the pile of trees. Note, in 2005 this valley was filled with hard snow from a snow slide and a fixed rope had to be installed above the waterfall to provide a stable crossing.
[12.8] 10980	Ice Lake Basin Creek. Once across the stream, pick up the steep trail that is near the bottom end of the bowl you just crossed and climb very steeply up hill just to the right of a small ridge. In about 0.1 mile, you will meet the very well maintained Ice Lake Trail.
[13.0] 11200	New Ice Lake Trail. FS 505. Turn left (WNW) going up hill on this heavily used trail. The trail passes to the left of a huge conglomerate boulder then switches back sharply (SW) and crosses the ridge back into the Ice Lake drainage. After crossing the ridge, the trail direction becomes northwesterly. As you come out of the trees you are in lower Ice Lake Basin, a huge Alpine meadow. Several of the switch backs on the original Island Lake trail, your route, can be seen above the cliff band directly in front of you. Just before the Ice Lake trail crosses the first small drainage, leave the New Ice Lake trail.
[13.2] 11400	Original Island Lake Trail. Angle right (NNE) and stay on right side of the small, usually dry, drainage. . The first 100 yards may be difficult to find depending on vegetation, but you soon get on the well built trail that switches back and forth up the slope in a generally NW direction. This is the original route shown on the 1890's map for Island and Ice Lakes. After crossing the mountain face and getting you about 400 vertical feet above the Ice Lake Trail, the trail moves into side valley and follows a small stream. Stay to the left side of the mine dump with rail on it and pick up a trail and continue up the stream. This trail continues WNW across a flat area with several ponds then disappears. Continue straight ahead (WNW) and climb a small ridge until you can see Island Lake. Expect snow through here.
[14.3] 12400	Island Lake. With the lake on your left, you will be looking at the head of Ice Lake Basin below U.S. Grant Peak. Your goal is Grant-Swamp Pass, the saddle directly north of Island Lake and directly east of U.S. Grant Peak. . Following some faint animal trails across the head of the basin, climbing steeply as you head directly toward U.S. Grant Peak (WNW). Snow conditions in here have been highly variable during previous Hardrock runs.
[14.2] 12800	About 200 yards below the ridge, elevation ~12800, after you have passed under Grant-Swamp Pass, switchback right (ENE) and climb toward the saddle. The Joel Zucker memorial plaque is attached to the rocks in the saddle. Pass to the left of the memorial and work your way along the top of the ridge until you get to the cut on the right (E) side of Grant Swamp Pass.

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

[14.8] 12920	Elev. 12920. Grant Swamp Pass. <u>Pass # 2</u> . Acrophobia, Exposure. Take a deep breath and look over the top of the pass into Swamp Canyon. In front of you (N,) across the mouth of Swamp Canyon, is a red colored ridge with a road switch backing up it. That is your next climb- Oscar's Pass. Having recovered your breath, move closer to the edge of the snow field extending into upper Swamp Canyon and look down it. IF SNOW CONDITIONS WARRANT, THERE WILL BE A FIXED ROPE HERE. Start down the snow (N), - if the snow is soft enough to give you control as you slide, glissade down it. If the snow is hard, work your way to the right into the scree. This small rock and dirt mixture will slide with you and can be great fun going down. Head for the grassy ridge between the two drainages of upper Swamp Canyon. The most consistent footing is along the top of the ridge, where you occasionally encounter remains of the trail. Snow in the gullies either side of the ridge may entice you to glissade down it. This is fine. Just remember to keep the main drainage of Swamp Canyon to your right as you work your way down. Remains of a mining trail are sporadic in this area so you will be on trail for short section then scrambling over rock. Be careful, these rocks can be leg breakers. After dropping some 800-900 vertical feet you will see a very wide, grassy or snow covered bench to your left. Either follow the trail or go pick a route across the snow to the bench.
[15.7] 11800	Once on the bench, angle left (NNW) and follow it around the head of Swamp Canyon and under the north face of U.S. Grant Peak. There are two lovely waterfalls to your left as you cross this bench. After crossing the stream below the second waterfall, get on the obvious trail and continue down the left wall of the canyon. The trail swings from a NNW to NW direction as it crosses a large slide rock field. You will be traveling parallel to (N) and about 700 vertical feet above the Swamp Canyon drainage. After crossing a small stream coming in from the left, go to the left of the big downed tree. There may be something or someone here to verify you reached this point. Continue north, pass the remains of a sheep herder's camp (stove) and continue through the spruce/fir stand. Cut wooden posts mark the route through the trees and skunk cabbage then you meet an excellent trail. The trail crosses several high meadows as you continue for about 0.75 miles down canyon (NNE) before switching back and forth several times through the trees as it drops steeply toward (E) the Swamp Canyon Stream.
[17.3] 10600	Swamp Canyon Road. When you meet the one time jeep road (now closed to vehicles), turn left down canyon and follow the road to the Howard Fork of the San Miguel River. Cross the river, (in recent years there has been a log bridge here), and climb up a short hill (50 ft) to the Chapman Gulch Aid Station.
[18.1] 10190	CHAPMAN GULCH AID STATION-BAG DROP. When you leave the aid station, turn left (WNW) at the road "T". Follow the road gradually down hill. The road has eroded badly and the stream coming from your right out of Chapman gulch has taken over various parts of the road.
[18.5] 10160	Ophir Pass Road, FR 679. You meet the Ophir Pass Road at the location of the long abandoned town of Iron Springs. The town was named for the red colored minerals covering the ground in this area. Turn right (E) and go up hill to the second road on your left. This is a heavily traveled jeep road so watch for traffic.
[18.9] 10480	Turn left (NNE) onto Oscar's Pass Jeep Road. At about 11,800' make a hard right at the "T" intersection and around the locked pipe gate. Essentially all the signs on the gate say that people on foot are allowed, so continue. The road switches back and forth across the hillside going generally N on the left (W) side of Chapman Gulch. The upper part of this road is not on the Trails Illustrated or USGS maps. A snowfield left by a resident snow slide usually is present across the road at the final switchbacks. Exposure. During the middle part of the day the snow may be soft enough that you can kick steps into it, but most of the time it is rock hard. STEPS WILL BE CUT INTO THE SNOW DURING MARKING.
[21.3] 13140	Oscar's Pass- <u>Pass #3</u> . Acrophobia, Exposure, Cornice. From the top of the pass you will be looking N into Bridal Veil Basin. To your left is an unnamed peak (13,432' on maps). Just beyond the peak on its north ridge is the Wasatch saddle, the low point between Wasatch Peak and Peak 13,342. From the top of the pass, looking north is Upper Bridal Veil Basin. Descend north off the pass by traversing/contouring to the right of Peak 13,432 on a roadbed (generally snow covered) toward Wasatch Saddle. Stay on the Oscar's road, passing under Wasatch Saddle.
[21.7] 12932	Intersection of Bear Creek trail and Oscar's road. There is a sign indicting the junction with Bear Creek trail. Continue to follow Oscar's road north staying on the west side of Bridal Veil Basin. Do not go to Bear Creek.
[22.2] 12778	Continue on Oscar's to a tall wooden post.
[22.3] 12773	About 0.1 mile past the post, follow cairned route due east into Bridal Veil Basin. Continue on this route for approximately 1 mile. At 12400 cairned route intersects with Bridal Veil Basin road. Turn left/north on road/trail. The route is on the west side of the creek. At 11900 the route intersects the Bridal Veil Creek road. Turn left descending on road.
[23.42] 11700	At this point, Bridal Veil Basin Road crosses main folk of Bridal Veil Creek. The road is now on the east side of the drainage.
[23.6] 11573	Road crosses Blue Lake Creek.

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

[25.1] 11468	Bridal Veil Basin road connects to main Bridal Veil Falls road. Stay left, down hill. Shortly after getting on this road, there will be two electrical poles. One is made from an unfinished tree and the other is milled.
[25.64] 10356	Hydroelectric plant. Continue down switchbacks.
[27.17] 9553	Near the bottom of the switchbacks, cross Ingram Fall Creek.
[27.27] 9496	Take left at fork in road. Continue 0.4 of a mile.
[27.72] 9096	Take left at 4-way intersection. Continue 0.1 of a mile.
[27.83] 9043	Take left onto main Mill Road. Follow road past the Mill buildings to pavement.
[28.25] 8976	At the pavement, veer left on Idarado Legacy Trail. Follow for 1.6 miles. Turn left over bridge into Telluride Town Park. Go 0.1 of a mile and turn right into Gazebo area.
[29.8] 8750	TELLURIDE, AID STATION, CREW ACCESS, BAG DROP, MEDICAL. Leave aid area on sidewalk (WNW), pass a small lake on your right and cross the San Miguel river on a footbridge. As soon as you cross the bridge, turn right (N) on the paved bicycle path. Follow the path about 50 feet, then angle left on a dirt trail. Cross Colorado Avenue, the main street of Telluride, onto Alder Street (N). Continue straight ahead onto a private driveway when Alder Street ends. After about 50 feet, when the driveway curves left, stay straight on a trail. (There is a children's swing set to your left.) Climb this trail past several houses and walled building sites to the Tomboy road (FR 869).
[30.2] 9020	Tomboy Road. Turn left (W) and go down hill for about 150 feet. Turn right (WNW) at the first road on your right and go around the pipe gate. This was the Liberty Bell Basin jeep road, but it is now closed to vehicular access. (Next to the gate is a Forest Service map board describing the Wiebe trail). Pass the covered reservoir (left) then continue to climb on the rocky roadbed including several switchbacks. Cross the ridge into the Cornet Creek Drainage then stay right on the road (N) at the well-marked Jud Wiebe trail intersection. After you cross a relatively flat area, you may hear a strange sound coming from your right. This is a pressure relief valve for the water pipe carrying part of the Telluride domestic water supply. When the pressure releases, water is dispersed from a tall pipe and there is a lot of noise. In 1994, some of the helpers from the Kroger Canteen aid station came down here after dark and thought they were hearing a bear. They spent a chilly night waiting for daylight before they realized what it was. Stay right, at the only intersection you will encounter while in the trees. The road climbs sharply with multiple switchbacks and the direction of travel gradually becomes easterly in upper Liberty Bell Basin.
[33.2] 11600	Just below timberline, the road levels and you enter an area where you can look directly up to the Mendota Saddle in upper Liberty Bell basin. When the road turns right (S), leave the road (E) continuing the direction you have been going and follow a trail up the right (S) side of the drainage. At about 12000', the trail swings left (NE), crosses a small flat, turns east through the slide rock on the west side of Mendota Peak, and switches back to Mendota Saddle. Possibility of snow here.
[34.1] 12560	Mendota Saddle. If it is a snowy year, there will be a cornice on the east side the saddle. From the saddle, stop and taking a bearing to Virginius pass as follows: On the big flat area that is just a little higher than the Mendota Saddle and is on the far side of Marshall Basin, find the power poles that are still standing (NE). The line from the Mendota Saddle across these power poles points directly at Virginius Pass and you are going to make a big arc around the left side of the basin to it. The power poles will always be to the right of you as you make this traverse. Cross the saddle around the left side of the cornice onto shelf trail. Exposure. Marshall Basin is geologically very mineralized and many millions of dollars worth of ore, including gold, was mined from the area. Traverse NNE across the head of Marshall Basin losing about 50 feet of altitude to the Mendota Mine, then gradually climb and traverse across the snowfields around the basin.. The route gradually turns with the mountain until you are going ENE. Continue to traverse around the hill until you are in a gully full of rotten rock and the only way out is up. Climb steeply to Virginius Pass on a mixture of scree and snow.

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

<p>[34.7] 13100</p>	<p>VIRGINIUS PASS-KROGERS CANTEEN. Pass #4. Cornice, Acrophobia, Exposure. Chuck Kroger and Kathy Greene started this aid station in 1992 and since then dedicated crews from Telluride backpack supplies into here for a minimal aid station. Chuck became a regular participant/finisher of the Hardrock before succumbing to pancreatic cancer in December 2007. The next section involves going down three very steep pitches with a bench, or flat area, between each. Go N, down the steep snow/rock field. THERE WILL BE A FIXED ROPE FROM THE TOP OF THE PASS INTO VIRGINIUS BASIN. In heavy snow years you can glissade this pitch. If you plan to do a sits glissade, it is strongly recommended that long pants be worn. At the first bench, angle slightly left to the edge of the second steep pitch and descend it on snow or broken rock, staying left of the stream. Enjoy the very gradual drop on the bench until you are thrust out onto the top of the third pitch. Stay left of the stream on the mine dumps. It is usually better to try and descend this pitch on snow if it is available than to go down the steep hard packed dump. IF CONDITIONS WARRANT, EITHER A FIXED ROPE OR STEPS WILL BE CUT HERE. Near the bottom of the steep mine dumps, turn right (NE) to the <u>level</u> space where remains of buildings can be seen. This is the Virginius Mine site where people used to live all winter to work the mine.</p>
<p>[35.2] 12160</p>	<p>Virginius Mine. Pass the ruined buildings and take jeep road 853.1c (NE) around the ridge between Virginius and Sidney Basins. In heavy snow years the remains of snow slides in this area can force you to traverse on steep hard snow. As you descend, you will see the remains of the Mountain Top boarding house across Governor Basin. You intersect numerous roads on this descent toward timberline. Always take the road that goes down hill and maintains a line toward Potosi Peak (E) across Yankee Boy Basin. After you reach timberline, this active jeep road switches back several times before heading W into Governor Basin. Cross the stream coming out of Governor Basin, probably wading, and bear right (NE) at the intersection with the Governor Basin Road that is closed with a pipe gate. Continue down the road to the GOVERNOR BASIN AID STATION that will be located just across the bridge over Sneffels Creek.</p>

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

[40.4] 9692	Camp Bird Mine Road. Stay left on auto road, #853, also labeled state road 361. Follow this good road (NNE) down Canyon Creek to Ouray. This is a popular road for tourists, does not require four wheel drive and is dusty. During daylight hours, expect a lot of traffic. For this section of road, there will be minimal marking and you may go several miles without seeing a marker. As you come down Canyon Creek you will cross to the right, (SW) side of the creek. As Canyon Creek approaches the confluence with the Uncompahgre River you will see Ouray below you to the left. In a change of route from previous years, you are going to take a trail that leads to a footbridge across Canyon Creek. As Ouray comes into view, begin watching for this trail turn off to your left. There is forest service sign for the Sutton Mine trail and the south Ice Park Trail on right side of the road. <u>Ninety yards below this make a hard (120 degree) turn to your left onto a good trail.</u>
[44.6] 7910	Follow the excellent trail recently rebuilt by the Ouray Trails Group about 0.1 mile (NNW) around the hill to the high bridge over Canyon Creek. Cross the bridge and open the white gate on the far side. Go through the tunnel then down the steep section with fixed handle cables. The trail merges onto a jeep road that after about a hundred yards meets Queen Street. Turn right on Queen Street (E) and follow it to the intersection with Oak Street. Turn left (NW) onto Oak Street. At 7th avenue, Oak street becomes a two lane paved road with a trailer park on the right. Continue on Oak street (N) to the end of the trailer park then turn right (E) through a parking lot just before the green metal building with white doors (sign -Ouray City Shop). Cross the cable footbridge into town park where the aid station is located near the rest rooms and picnic tables.
[45.9] 7870	OURAY TOWN PARK, AID STATION, CREW ACCESS, BAG DROP, MEDICAL, PACERS ALLOWED FROM HERE. Lowest point on the course. You will now go back through Ouray on the East side of the Uncompahgre River (Left side looking upstream). From the aid station, go past the Gazebo (S) keeping it to your right, pass to the right of the tennis courts and pick up a trail. Cross the footbridge over Cascade Creek. When the trail meets an extension of 9th avenue turn left (E) on 9 th avenue for about 30 yards. Turn right (S) on 2nd Street and follow it for 7 blocks to 3rd Avenue. Turn right (W) on 3 rd Ave. About 40 yards past the Victorian Inn motel that is on your right, angle left onto the Box Canyon Fall Park road (sign on right side of road) going against the one way traffic. Follow the road through Box Canyon Park and at the stone building angle left across the bridge over the Uncompahgre river.
[47.1] 7900	Ice Park overlook and Trail (East side of Uncompahgre). As soon as you cross the bridge, turn right (S) and follow the trail with built steps up to the high bridge on the Camp Bird Road. The overlook platforms for viewing the ice climber will be to your right and the search and rescue building will be to your left. At the high bridge, stay left of the guardrail to its end, then cross the Campbird Road at about a 45 degree angle going down hill. Immediately get onto the Ice Park Trail (Forest Service Sign) (SE) and climb steeply up into a shallow gully that opens onto a rock rib paralleling Highway 550. The trail is well cairned and easy to follow.
[47.5] 8210	At the green gate, merge onto a jeep road, go down hill around two switch backs and follow the road one half mile almost to the Uncompahgre dam (SSE). Watch for an obscure left turn on a deer trail into the first small gully about 20 yards beyond where the Ice Park Trail leaves the road and heads right toward the river and about 50 yards before the dam. For the past couple of years, there has been a stack of mattresses on your right between the turn off and the dam. Climb the steep deer trail to an old wooden tram tower located on the remains of an old road. Follow the old road (S) less than 100 yards then drop steeply down to the east side of the lake backed up by the dam on a deer trail. Continue along the eastern shore to the stakes where we used to attach the rope for wading the river here. Across the river is a traffic sign warning those who may be floating down the river that there is a dam ahead. Find the good trail angling left into the trees, climb up to merge onto the remains of the original Otto Mears toll road. Follow this tread a few hundred yards past some concrete footing and large iron mining operation ruins. When the road bed ends, make a switch back to the left onto a trail and climb to the east side of the tunnel on Highway 550.
[48.6] 8480	Tunnel. Cross the parking area, and make a hard left turn onto the Bear Creek National Recreation Trail, TR 241 (red, white and blue sign). Acrophobia Exposure. This well maintained trail starts at the south end of the tunnel on highway 550 (W) and goes directly over the top of the tunnel. It continues in a generally E direction as it switchbacks about 15 times climbing above the highway, then enters the narrow canyon above the Ouray Bear Creek. Once on this trail, it is almost impossible to get off of it for the next 4 miles. Marking on this trail will be minimal. You will have to wade several streams coming from your left and contend with dramatic drops of 300-400 feet on your right. Use caution wading the streams as the algae build up on the rocks in this water tends to make footing very slippery. At about the 10000 foot level you will pass the ruins of the Grizzly Bear Mine buildings.

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

[52.6] 11100	Yellow Jacket Mine. Cross the streambed, probably dry or very little water, coming from the left [N], then angle right (S) on the wide trail. The buildings associated with the Yellow Jacket will be on your right. Just past the Yellow Jacket, cross (wade) the stream coming from the left [E], then continue straight to the next switch back in the trail. Continue straight ahead (S) in the direction of Engineer Pass as indicated by a metal trail sign. Some years, a huge snow slide field fills the valley about a hundred yard from here. This snow slide goes over Bear Creek coming off the south side of Engineer mountain and is usually hard enough to walk on. Try to stay to one side of where you think the stream is running under the snow. If you would prefer not to use the snow route, there is an animal trail to the left and above the stream. During dry years, the trail is on the left of the stream. At the upper end of the snow slide, the trail, FT 242, crosses to the right (W) side of Bear Creek. Stay on the right side for only a couple of hundred yards then cross back to the left side and climb up through the timber on a good trail.
[53.9] 11800	ENGINEER AID STATION. This is another station that must be backpacked to its location. This aid station is on a bench just a few hundred feet vertical feet below timberline. Engineer Mountain is the large peak directly in front (S) of you. Your target is the right hand [W] ridge of Engineer Mountain toward Oh Point. The trail out of the aid station takes you on a line toward the east ridge of Engineer Mountain. Continue of this line (SSE) until you meet a small stream coming from the left. Cross the stream, then parallel it (ESE) until you meet an obvious built trail. Turn right (S) on this trail and go up the valley, first south then SSW as you go around the head of the valley. As you move back into the middle of the valley and under the east ridge off Engineer Mountain the direction of travel is again straight south.
[54.6] 12200	Trail merges into an abandoned wagon road/trail just above a stream crossing and near some mine tailings. Just below the mine tailings, turn right (S) and leave the trail that is now heading toward Engineer Pass, the low saddle on the left (E) side of Engineer Peak. Work your way up the steep hillside directly toward the right [W] ridge of Engineer Peak. The long flat ridge you are heading for connects Engineer Peak with Oh Point. Aim for the flat part of the ridge closest to Engineer Peak. There will be a blinking light here to help guide you, especially during the dark hours. You top out on a jeep road that runs east-west along the ridge that connects "Oh" point and Engineer Mountain. Turn left (E) and go about 30 yards, up hill, to the Engineer Pass jeep road, RD 18.
[55.2] 12910	Engineer Pass Road, <u>Pass # 5</u> . Turn right (S) and begin your descent into the North Fork of the Animas River. (The full Spanish name of this river is the Piedra de Los Animas- "The River of Lost Souls"- any empathy here?). This well used jeep road swings SE across the S side of Engineer Mountain and goes through one dip before reaching the first switch back (12660). Ignore the road coming in from the left [E] and go around the switch back (W) continuing down hill.
[56.9] 12040	Engineer-Mineral Creek Road Intersection. <u>Continue straight (S)!!!</u> There are metal BLM signs here- you want to go toward Animas Forks and Silverton. Stay left at the next intersection and take a sharp switchback down toward the Denver Bridge. Stay right at the Cinnamon pass road, well signed by the BLM, continuing down hill. You will see the ghost town of Animas Forks across the canyon to the right at the mouth of California Gulch. This is another one of the important mine/mill sight locations in the San Juan Mountains, once even having a railroad to it. During the run, you do not go to the town, but stay across the canyon from it on the east side of the Animas River drainage. Stay straight at the intersection with the upper Animas Forks road coming in from the right, then drop steeply for a quarter mile and merge with the lower Animas Forks road. The BLM sign here, which you will have to go past and turn around to read, says Alpine Highway. There is a BLM built toilet a few yards up the Animas Forks road to your right. Continue straight (S) down the Engineer Pass Road. At the bridge, cross the Animas River, and immediately turn right into the Grouse Gulch Aid Station.
[60.4] 10710	GROUSE GULCH AID STATION. AID STATION, CREW ACCESS, BAG DROP, MEDICAL. Crew access, reachable with a standard auto and some careful driving. From the aid station, back track the way you came into the aid station, crossing the auto bridge (N) over the Animas River and going up hill on the Engineer Pass Road. After about 150 yards, turn hard right (E) on an abandoned jeep road that climbs up the face of the mountain and goes around six or eight switchbacks before going into Grouse Gulch. Once above tree line, leave the road at the first switch back, continuing straight ahead on a trail in an ESE direction along the left (N) side of the stream. The trail stays high to the left of the stream. When you reach the top of a low ridge where you can see a small lake to the right, the trail becomes very faint. Angle left (N) up the ridge for about 100 yards, then turn right (ESE) on now distinct trail that climbs across the face of the mountain toward the head of the Grouse gulch basin. The trail switchbacks to a broad grassy saddle. When the trail disappears in the saddle, continue straight ahead (ENE) to the low point in the ridge.
[62.9] 13020	Elev. 13020. American-Grouse Pass. <u>Pass #6</u> . As you cross the pass, Handies Peak will be directly in front of you (E) across American Basin. There will probably be a large amount of snow in American Basin. Angle to the right (ESE) from the top of the pass. The trail drops gradually following the curve of the upper American Basin and stays to the left and below a series of cliffs. Continue to drop gradually into American Basin until you cross the Lake Fork of the Gunnison River and join the American Basin Trail to Handies Peak. (Just above the word American on your Drake Map.)

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

[63.6] 12400	American Basin Trail. Follow the BLM trail (SSE), climbing steadily and cross the Sloan Lake Stream coming from your right. Cross a marshy flat to the right of a sign that requests hikers to stay on the trail. This is to prevent erosion to the high tundra that has suffered with the large number of people hiking and climbing here. Stay on the trail as it goes right (SSE) and climb several switchbacks to within 50 yards of Sloan Lake.
[64.6] 12920	Sloan Lake. There may be some means here of verifying you came to this point. The trail angles left (NNE) before climbing up across a small ridge before dropping about 120 vertical feet through a slide rock basin Expect snow as well as slide rock. Continue on the switchback trail, going from ENE to ESE, and climb to the saddle south of Handies Peak. At the saddle, angle left (N) up the well-beaten path SW ridge route to the summit of Handies Peak.
[65.7] 14048	Handies Peak, <u>Pass #7</u> . Highest point on the course. The easiest way to make sure you are going the correct direction off the summit is to face across American Basin toward Grouse American Pass. Turn right (N) and follow the Handies Peak-Whitecross Mountain ridge, using caution on the steep descending section off the summit block. If there is a lot of snow along the ridge, be sure you stay well to the left of the snow edge to avoid any cornices that have formed above Grizzly Gulch. Below the summit block, continue down the crest of the now relatively gentle ridge to the saddle before point 13,077' then make a hard right turn onto the cairned trail into Grizzly Gulch. There may be a lot of snow in this area, but the high volume of foot traffic should have a good path beat in. You drop quickly down the east side of the ridge around three switchbacks, and then parallel (NNE) the Handies Peak-Whitecross Mountain ridge to about the 12600' level. The route then becomes more easterly, using several switchbacks to take you into the bottom of the Grizzly Gulch Basin and south of Whitecross Mountain. At about the 12,200' level cross to the right side of the stream for a short distance then cross back to the left. You will stay to the left side of the drainage the rest of the way to Burrows Park.
[67.5] 11800	Grizzly Gulch Lake Trail. Near timberline the stream and trail coming from Grizzly Lake will be on your right. Continue straight (E) keeping the stream to your right (S). Descend into the timber, staying on the trail all the way to the Burrows Park. About 150 feet before Burrows Park, cross the Lake Fork of the Gunnison River on a metal bridge. (There will be self service water containers located near the bridge crossing.)
[69.7] 10590	BURROWS PARK. There is a BLM built toilet here at the intersection of the Grizzly Gulch trail and Cinnamon Pass Road. Burrows Park is a major camping/parking area for climbers attempting Handies, Redcloud or Sunlight peaks. Turn right (SSE) on the Cinnamon Pass Road (4 RD). Follow this very popular jeep road for 3.2 miles. Those of you who are here between about 8 am and noon will meet a large number of vehicles. Be Alert!! One section of this road offers a spectacular example of a shelf road that has been blasted out of the cliffs high above the Lake Fork of the Gunnison. When you get to the intersection of the Lake Fork of the Gunnison and Cottonwood Creek Valleys, turn right (S) off the road at the BLM signs to the Sherman Overlook site.
[72.9] 9925	Sherman Overlook. Just past the signs, take a hard left (E), cross the meadow (30 to 40 yards) and enter the trees. Pick up a game trail to your right in the first gully and follow it down (S) (~300 yds) to an abandoned road. Follow this abandoned road down about 0.5 mi (SSE) then turn right on a game trail that angles back toward the Lake Fork of the Gunnison. Cross the ruins of an old mine on the dump below a rock wall, and follow a good secondary trail to the Sherman Road. Turn right (W) on the auto road, immediately cross the bridge over the Lake Fork of the Gunnison river and go a half-mile to the aid station.
[73.9] 9640	SHERMAN AID STATION- MEDICAL CHECK-CREW ACCESS-BAG DROP. Station will be located near the rest rooms that are located at the Cataract Gulch trail turn off. The trail into Cataract Gulch, TR 475, is well marked with BLM signs. Turn left (S) on the Cataract Gulch trail, cross Cottonwood Creek on a steel bridge and follow the excellent trail into the gulch. There will not be many, if any markers on this section. A minimum number of markers will be put in during marking, but we have had a problem with people pulling markers from Sherman to Cataract Lake. Therefore, do not be surprised if you do not see any markers in this section. For the first mile, the trail stays on the north face sloping of Cottonwood Creeks as it climbs through a series of switchbacks for some 600 vertical feet. At about 10,200' the trail enters into Cataract Gulch on the left [E]side of the stream, crosses the stream four times in the narrow part of the canyon, then climbs left (E) away from the stream as it approaches timberline. The second crossing is just above a waterfall and has been known to be very slick with algae so be extra careful at that crossing. (In recent years there has been a log crossing up stream about 30 yards.) The trail leaves the stream (E) and climbs rapidly through the willows before turning back to the South in the high meadows. When the good trail disappears at about 12000', cross the stream that drains Cataract lake. Bear right (WSW) until you meet a good sheep trail. Turn left (S) on it. There will be a couple of small ponds on your right.
[78.5] 12100	Cataract Lake. The lake will be to the left across the willow filled valley. You will be climbing steadily toward the saddle, Pole-Cataract Divide, directly in front (S) of you. Pass to the left (E) of the lake sitting on top of the Continental Divide. You decide which ocean the water leaving it goes to.

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

[79.0] 12200	Elev. 12200. Cataract-Pole Divide. <u>Pass #8</u> . At the far end of the lake, you will be looking into upper end of the Main Fork of Pole Creek. Just past the end of the lake, turn right (W) on a sheep trail that traverses around the hill at about 12,200'. After about 250 yards, turn left (SSW), leave the obvious sheep trail and follow a secondary animal trail steeply down hill through the willows. Cross a small flat to the left slide rock out-cropping. Follow the faint trail to the stream coming from the right, cross it and work your way through the swampy area, climbing slightly before continuing down and across the hill side to the right (W) of the drainage and above a large meadow. This inviting looking meadow is very swampy. To your left, you will be able to see the Colorado Trail descending from the east. Aim for the point about 50 yards right of the intersection of the Colorado Trail and Pole Creek always staying right of Pole Creek and above the meadow.
[81.9] 11810	Colorado Trail. TR 787 or TR 1776. Merge with the Colorado Trail/Continental Divide Trail continuing down hill (SSW) on the right side of the Main Fork of Pole Creek. The canyon narrows and you will cross the main stream twice as you descend through this high valley dotted with small ponds. After a short climb from the second crossing, you open out into a large valley with three intersecting streams. One is the Main Fork of Pole Creek that you have been following, the second, to your right is the North Fork of Pole Creek that you will cross, and the third, that you are looking up front of you is the West Fork of Pole Creek. The route climbs to the head of the West Fork. Come down a steep trail toward the confluence of the North and Main Forks of Pole Creek, keeping the Main fork on your left. Cross the North Fork Trail, and continue straight (W) wading the North Fork of Pole Creek, above its confluence with the Main Fork. Angle down canyon (SSW) on the W side of Pole Creek on a good trail. After crossing a small stream coming in from the right, climb onto a willow covered bench and look for a large stand of spruce and fir trees at the edge of a bare grass covered ridge. If you are looking directly down Pole Creek, they should be at about the two o'clock position to your right. Leave the trail to your right and work your way through the willows (50 yards) to the trail you see coming off the steep, grassy hillside. Once on the trail, angle (SW) toward where the trees and grass meet on the bench. The Pole Creek aid station will be located about a hundred yards away near the top of the small ridge to the left (S) of a pond.
[82.8] 11460	Elev. 11260. POLE CREEK AID STATION . This is another station where supplies have been packed to the site, this time by horse. (A small piece of history. There have been three helicopter evacuation from this aid station, two for runners and one for an aid person.) From the aid station head directly (W) toward a wooden pole that marks the trail into the West Fork of Pole Creek. The trail you are on has two designations on the map- the La Garita Stock Drive and the continuation of the Continental Divide Trail (TR 918 or 787). The trail will stay high to the right of the stream for 1.4 miles, through endless grassy hillsides and small gullies, while crossing numerous small seeps that can support knee-deep mud. You will cross the West Fork stream where it turns from flowing out of the west to northwest. This crossing is through a swampy willow area with lots of large, deep, muddy holes. Just after the crossing beyond the willows, the trail crosses a quarter mile long meadow (W). This area has many elk that have been known to pull the markers from the ground and let them drop, and to stomp the markers down as the herds cross the area. There is a large, wooden post set away from the trees in the meadow that marks the route. Just past the post, angle slightly right (WNW) skirting the trees, and find the trail crossing Sheep Creek, coming off Sheep Mountain to your left (S).
[84.5] 11540	Sheep Creek. Make sure you get on the trail here otherwise getting through the willows that cover the hillside for the next mile will be difficult. The West Fork of Pole Creek branches into three forks in this upper basin and you get to cross all of them. From here the trail climbs in a WNW direction to the headwaters of the West Fork, then tops the continental divide on the Maggie-Pole Pass.
[86.2] 12530	Maggie-Pole Pass. <u>Pass #9</u> . Continental Divide. Go down hill (WNW) on the Continental Divide Trail, La Garita Stock Trail. Just before reaching the stream in the first drainage, the Continental Divide trail turns left staying left (S) of the drainage while the LaGarita Stock drive crosses the drainage and continue NNW. Turn left (W) onto the Continental Divide trail. As you descend, the direction of travel changes from W to SW on a line directly toward Canby Mountain that you see across Maggie Gulch. As you descend, you will be able to see the end of the Maggie Gulch Road, the site of the aid station. When you get almost directly above the aid station, leave the Continental Divide Trail making a right turn (W) cross country toward the end of the road. About 100 yards above the end of the road you will merge into a good trail that takes you directly to the aid station site.

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

<p>[87.1] 11640</p>	<p>MAGGIE GULCH AID STATION. Located just below the road end on the tailings pile is a well preserved stamp mill. This water powered crusher was used to reduce rock to dust so the gold and silver could be more easily separated. Find the trail that continues up canyon (S) on the left side of the Maggie Gulch Stream and go about 0.2 mi. As you approach the intersection of the Maggie Gulch stream with a stream coming from the west, that I will call MG West, turn right (W) on a trail that takes you just above the confluence and cross the Maggie Gulch Stream. Follow the trail up the left side of MG West for about 100 yards (W), cross MG West on the trail and climb a few hundred yards in the NW direction, watching carefully for the switch back. A few feet beyond the switch back the trail disappears. Pick a line directly up the mountain (W) and climb steeply toward the head of MG West. When you reach the ridge high above the steep gully of MG West angle right on the ridge top. At about the 12,500' level pass an old sheep herder's camp with a set of rusting bedsprings and turn left (S) across the bench on a sheep trail. Cross MG West and continue on the trail for about 0.4 miles, climbing gradually and heading directly toward Canby Mountain. On your Drake map you are going cross-country between the two streams shown on the west side of Maggie Gulch and north of swampy area below Canby Mountain. At about 12600 feet and just before reaching the second stream, angle right (SW) on a good sheep trail that allows you traverse under the cliff band guarding the ridge. You want to meet the Buffalo Boy ridge about 0.1 miles S of the low point in the ridge where the cliff band ends at the ridge. When you get to the S end of the cliffs on the sheep trail, you will still be about 100 vertical feet below the ridge. Continue to climb S for another 100 yards then make a switch back and climb to the ridge/cliff intersection. This small saddle (13,060) is where the old pack trail between Maggie Gulch and Rocky Gulch, (Drake Map along the N side of Canby) crosses the ridge. Acrophobia, Exposure.</p>
<p>[88.5] 13060</p>	<p>Buffalo Boy Ridge. As you reach the top of the ridge you will be looking into Rocky Gulch. The remains of the Buffalo Boy and Tram Shed are readily visible in the bottom of the basin. Also visible are the cables of the tram and several tram towers used to carry the ore and supplies between the Buffalo Boy to Cunningham Gulch. Turn left (S) on the ridge top and follow the trail over a small peak (13,214) [For those of you here in the daylight, the entire Grenadier Range with it's toothy grin is laid out in front of you.] then drop toward the 13,060' saddle NW of Canby Peak. From the saddle, angle right on the built trail that leaves the ridge and traverses the right (W) side of Canby Peak (SSE). As you come around Canby Peak the trail drops gradually and swings more toward the SE. Take a sighting on the ridge across (S) Stony Pass. On the left side of this ridge is an unnamed, very pointed, pyramid shaped peak (13165') with a deep saddle to its right (W). That saddle, Green Mountain Pass, is your target. The Stony Pass jeep Road can be seen below you. Continue on the trail until you are just beyond (E) of the top of Stony Pass. The trail disappears just beyond a steep gully and about 150 vertical feet above the road. Go beyond the gully onto the grassy slope then make several steep switchbacks down to the Stony Pass Jeep Road.</p>
<p>[89.6] 12580</p>	<p>Stony Pass.FR 737, 3RD. Cross the jeep road SSW, and continue cross-country toward the right (W) side of peak 13165. Green Mountain is the high point in the ridge at about your two o'clock position. There are game/sheep trails through these high meadows that will lead you under peak 13165 and into a gully filled with very dark dirt. Turn left, (SE), and climb this gully to the saddle. Turn right in the saddle and climb about 50 vertical feet until you can get around the snow cornice blocking descent into the Green Mountain Drainage.</p>
<p>[90.2] 12980</p>	<p>Green Mountain Pass. From this pass you are going to make a very large U turn over a mile and half to get around the head of and into the bottom of the Green Mountain Valley. Stand on top of the ridge with Stony Pass and Canby Peak at your back. Go down the hill (S) for 0.15 mi staying 40 to 50 yards to the right (W) side of the north/south ridge, the Continental Divide. To the left of the ridge (E) are the headwaters of the Rio Grande River while to the right is Green Mountain Valley. At the first saddle (12,800'), angle right (SSW) to the top of an east/west ridge that forms the head of the Green Mountain Valley. Follow the sheep trail or cross country down the crest of this ridge (W) for 0.4 mi, dropping rapidly into the upper (S) end of the Green Mountain Valley. Cross the stream at about the 12,200' level and go down stream on the good trail that parallels the left side of the Green Mountain Stream (NNW). Some 0.75 mi down this valley you climb onto the ridge between Green Mountain Valley and Cunningham Gulch. Across the canyon to your left, you will be able to see Dives Basin and the Little Giant Peak, your next and final climb. Follow the ridge paralleling Green Mountain Stream (NNW) 0.25 miles until the ridge drops precipitously then make a hard left (SW) and work your way out onto the face of the mountain above Cunningham Gulch. Make switchbacks across the face dropping steeply into Cunningham Gulch. About 100 vertical feet below the ridge is a hard to find old mining trail that continues in a switch back pattern direction of travel paralleling the Green Mountain Stream (W). After reaching some big spruce, the trail makes a final switchback (11200) and begins a long steady descending traverse (SSW) parallel to Cunningham Gulch. The trail improves somewhat as you descend across steep grassy slopes and through a series of cliffs, (Exposure, Acrophobia). As you descend the Cunningham Gulch Aid Station will become visible below you. Continue on the trail until it connects with the Cunningham Gulch Road, upstream from the Aid Station. Turn right (N), and go a quarter of a mile on this auto road to the Aid Station.</p>

HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2012

Miles
Elevation

<p>[93.2] 10380</p>	<p>CUNNINGHAM AID STATION. CREW ACCESS-BAG DROP. Locate the waterfall coming out Dives Basin, (W) and work toward it. Start by wading Cunningham Creek, then angle right (NNW) steadily climbing, cross the stream coming out of Dives Basin well below the waterfall and pick up the Shenandoah/Dives Mine trail. Willows have grown over the lower sections of this trail so watch carefully for the switchbacks. Once into the switchbacks, the general direction of the trail is west, staying on the right (N) side of the Dives stream. There are a number of mine tailings and ruins evident to your left as you climb up the slope. At about the 12000 foot level you will cross the headwall cliff and move into the upper Dives basin. The remains of a number of collapsed buildings and large depression showing where a shaft has collapsed illustrate some of the energy that has been invested into this mountain. Go past the collapsed building of the Dives Mine site and pick up the trail on the right (N) side of the basin moving NW. After about 200 yards angle right (N) and climb steeply on a series of animal trails toward the east ridge of Little Giant Peak. At the 13000' level you will meet an old wagon road that is marked with a series of metal rods sticking two to three feet out of the ground.</p>
<p>[95.4] 13000</p>	<p>Dives-Little Giant Pass. <u>Pass #12</u>. Last Pass (about time!!). At the east ridge coming off Little Giant Peak, elev. 13000, get on the wagon road and traverses the east side of Little Giant Peak, going N. Acrophobia, exposure. This section of trail is subject to holding large amounts of snow until late in the summer. Directly below the trail is a very steep grass slope that within 100 yards empties over sheer cliffs that are several hundred feet high. A slip here could be fatal! IF SNOW CONDITIONS WARRANT IT, THERE WILL BE A FIXED ROPE HERE.</p>
<p>[95.6] 12970</p>	<p>Little Giant Saddle. To your left you will be looking down Little Giant Basin. Your direction of travel (NW) will be toward the Mayflower Mill and tailings piles you see at the bottom just across the Anima River. The trail leaves the saddle on some blasted tread with metal support rail and rods holding up some sections and then skirts the north side of Little Giant Basin. If you are here in day light most of the trail can be seen from the saddle. As you get into the basin the trail goes from a NNW to W direction. There may be some snowfields in here that can be very tricky to come down at night when they are frozen. At about 12000' and just above a lake, you will meet the Little Giant jeep road. Go right, continuing down hill. The ruins at the next lake are the Big Giant Mine, the location of one of the first ore strikes in the Silverton area. Continue down hill (W going to SW) on the road and into the trees.</p>
<p>[99.8] 9900</p>	<p>Arastra Gulch Road. Turn right (W), go about <u>thirty yards</u> and make a hard left turn (SSE) on jeep track to Arrastra Gulch Stream. Cross the stream and follow abandoned road and pipeline (W) paralleling Arrastra Gulch to a metal tram tower that was part of the Mayflower tram. Angle right on a jeep road and follow it down to a bench. At the first intersecting road, turn left (WSW). This road stays on a wide bench, passing to the left of a house, then funnels into a trail. For the next mile there are a series of ups and downs, willows, beaver dams to skirt, and some places where the trail and side streams are indistinguishable from each other. The route is generally on a bench that parallels the Animas river and the direction of the route becomes more SSW. You will be able to see the county road that follows the Animas drainage across the canyon to your right. When the trail meets a road just above the Lakawanna Mill, stay level going straight ahead, and get back on the trail as it enters the trees. You are now above the north end of Silverton. The trail will exit the trees about 0.15 miles above the Silverton Ski Hut. Angle right, down the hill to the ski hut.</p>
<p>[101.9] 9320</p>	<p>Get on 14th street at the ski hut and follow it [NW] for about three blocks and angle right to the Animas River. In the next four blocks you will cross the Animas River (on the bridge), pass the red stone City Hall that will be on your left, and cross Greene Street (the paved main street in Silverton). One block after Greene Street, turn left [SW] on Reese street and go two blocks to 12th Street. At 12th Street turn right [NW] and go one half block to the Silverton High School.</p>
<p>[102.5] 9320</p>	<p>Elev. 9320. SILVERTON HIGH SCHOOL GYM. FINISH. Stop! Kiss the Hardrock!!</p>

2010 Hardrock Hundred Results in Time of Day

Bib	Place	Name, Sex, Age, State	11.5 Miles		18.9 Miles		27.8 Miles		32.7 Miles		35.9 Miles		43.9 miles		51.9 Miles		58.4 Miles		71.9 miles		80.0 Miles		85.1 Miles		91.2 Miles		100.5 Miles		
			KT	Chapman	Telluride	Kroeger	Governor	Ourray	Engineer	Grouse	Sherman	Pole Creek	Maqqie	Cunningham	Silverton	In	Out	In	Out										
5	1	Jared Campbell,M,30,UT	8:30	8:32	10:14	10:15	12:35	12:36	14:25	14:26	14:57	14:58	16:12	16:12	18:35	18:36	20:15	20:19	0:01	0:04	3:05	3:06	4:31	4:33	6:46	6:46	9:18	27:18:06	
3	2	Diana Finkel,F,38,CO	8:38	8:41	10:21	10:21	12:37	12:37	14:27	14:27	14:58	14:58	16:01	16:01	18:24	18:24	19:47	19:47	23:39	23:41	2:42	2:43	4:13	4:14	6:40	6:41	10:32	28:32:06	
118	3	Michael Foote,M,26,MT	8:37	8:39	10:24	10:25	12:47	12:48	14:51	14:55	15:29	15:31	16:44	16:51	19:25	19:30	21:11	21:19	2:13	2:22	5:30	5:33	6:48	6:49	9:02	9:05	11:35	29:35:22	
101	4	Darcy Africa,F,35,CO	8:38	8:40	10:43	10:45	13:08	13:10	15:04	15:04	15:39	15:39	16:53	17:00	19:26	19:30	21:22	21:23	2:12	2:21	5:32	5:35	7:04	7:08	9:22	9:25	12:14	30:14:49	
154	5	Nick Pedatella,M,25,CO	8:32	8:34	10:14	10:16	12:29	12:29	14:14	14:15	14:52	14:52	16:01	16:04	18:30	18:32	20:02	20:06	0:31	0:39	5:35	5:42	7:03	7:11	9:34	9:39	12:18	30:18:52	
8	6	Ted Mahon,M,37,CO	8:57	8:58	10:53	10:56	13:28	13:32	15:32	15:32	16:08	16:10	17:26	17:36	20:09	20:10	21:56	22:04	2:42	2:54	5:58	6:01	7:23	7:24	9:37	9:41	12:21	30:21:26	
157	7	Jason Poole,M,38,CO	8:38	8:40	10:43	10:45	13:10	13:14	15:21	15:24	16:02	16:05	17:21	17:33	20:09	20:11	22:08	22:18	2:52	3:00	6:25	6:30	7:56	8:01	10:00	10:04	12:31	30:31:21	
130	8	Adam Hewey,M,42,WA	8:50	8:53	10:45	10:46	13:10	13:16	15:11	15:15	15:47	15:50	16:58	17:15	19:57	20:07	21:54	22:07	3:25	3:42	6:45	6:52	8:17	8:22	10:25	10:33	12:57	30:57:15	
106	9	John Beard,M,46,TX	8:54	8:54	10:46	10:47	13:26	13:27	15:30	15:31	16:07	16:08	17:24	17:30	20:14	20:16	22:09	22:23	3:24	3:42	6:49	6:55	8:19	8:26	10:32	10:39	12:59	30:59:05	
6	10	Roch Horton,M,52,UT	8:46	8:48	10:39	10:40	13:20	13:22	15:28	15:28	16:08	16:09	17:27	17:29	20:09	20:09	22:08	22:08	2:52	3:00	6:23	6:25	7:54	7:56	10:18	10:19	13:09	31:09:15	
4	11	Scott Jaime,M,40,CO	8:25	8:26	9:59	10:00	12:10	12:10	14:08	14:09	14:40	14:41	15:53	15:55	19:18	19:23	21:26	22:58	3:24	3:57	7:08	7:15	8:41	8:47	10:52	10:54	13:17	31:17:14	
102	12	John Anderson,M,31,CO	8:31	8:33	10:15	10:17	12:30	12:32	14:22	14:25	14:57	14:58	16:03	16:07	18:33	18:35	20:05	20:11	1:15	2:05	5:15	5:17	6:48	6:48	10:31	10:42	13:41	31:41:44	
14	13	Brett Gosney,M,51,CO	8:59	9:03	11:00	11:02	13:38	13:42	15:45	15:48	16:30	16:32	17:45	17:56	20:29	20:33	22:25	22:39	3:41	3:56	7:06	7:13	8:41	8:43	11:04	11:12	14:17	32:17:49	
161	14	Tom Remkes,M,48,UT	8:54	8:56	10:54	10:57	13:33	13:39	15:36	15:39	16:13	16:16	17:37	17:55	20:36	20:42	22:51	23:01	3:44	4:04	7:07	7:11	8:41	8:48	11:28	11:36	14:31	32:31:23	
15	15	Betsy Nye,F,45,CA	8:54	8:55	10:47	10:49	13:27	13:29	15:33	15:33	16:09	16:10	17:27	17:36	20:19	20:21	22:26	22:30	3:56	4:09	7:32	7:36	9:07	9:07	11:39	11:40	14:32	32:32:07	
140	16	Glenn Mackie,M,48,CO	8:49	8:50	10:37	10:38	13:03	13:04	15:04	15:05	15:40	15:41	16:51	17:01	19:26	19:27	21:12	21:17	1:40	1:47	5:40	5:45	7:16	7:21	10:19	10:24	14:36	32:36:50	
9	17	Tyler Curriel,M,54,TX	8:59	9:03	11:05	11:08	13:55	14:05	16:19	16:21	16:57	17:00	18:30	18:42	21:33	21:37	23:45	23:57	4:46	5:03	8:12	8:16	9:40	9:42	11:49	11:54	14:58	32:58:49	
128	18	Greg Hartman,M,36,CO	8:51	8:54	10:53	10:55	13:34	13:38	15:49	15:49	16:29	16:31	17:52	18:01	21:24	21:54	23:53	0:30	5:10	5:36	8:50	8:51	10:22	10:25	12:32	12:36	15:22	33:22:59	
165	19	Terry Sentinella,M,46,WA	9:00	9:00	10:57	11:00	13:44	13:46	15:56	15:58	16:34	16:37	18:03	18:03	20:52	20:55	22:52	22:57	5:59	4:06	7:31	7:33	9:12	9:15	11:55	12:03	15:33	33:33:00	
137	20	Jason Koop,M,31,CO	8:54	8:55	10:47	10:49	13:21	13:22	15:31	15:32	16:09	16:10	17:18	17:25	20:08	20:09	22:07	22:15	4:17	4:29	8:21	8:32	9:48	9:49	12:36	12:41	16:06	34:06:22	
18	21	Allen Hadley,M,53,CO	8:52	8:53	10:46	10:51	13:28	13:29	15:35	15:36	16:12	16:13	17:35	17:44	20:32	20:35	22:39	22:55	4:24	4:40	8:34	8:38	10:17	10:18	13:01	13:07	16:14	34:14:22	
173	22	Tim Stroh,M,48,WA	8:58	9:01	10:58	11:04	13:45	13:53	15:55	15:58	16:34	16:37	17:54	18:07	20:43	20:45	22:41	22:47	4:02	4:28	8:12	8:20	9:48	10:04	12:37	12:42	16:17	34:17:53	
124	23	Garrett Grabuins,M,37,CO	9:00	9:05	11:06	11:09	13:50	13:58	16:06	16:08	16:47	16:49	18:25	18:32	21:16	21:25	23:25	23:41	5:04	5:46	9:16	9:29	10:52	11:11	13:15	13:25	16:19	34:19:45	
13	24	Bruce Grant,M,44,CAN	8:54	8:56	10:57	10:59	13:39	13:42	16:03	16:05	16:40	16:42	18:02	18:13	21:11	21:14	23:20	23:35	4:59	5:39	8:30	8:33	10:10	10:15	12:52	13:01	16:37	34:37:38	
16	25	Betsy Kalmeyer,F,49,CO	8:58	9:04	11:06	11:12	13:53	14:03	16:05	16:08	16:45	16:49	18:10	18:24	21:18	21:31	23:38	0:03	6:07	6:29	9:42	9:48	11:12	11:24	13:35	13:46	16:39	34:39:33	
17	26	Scott Brockmeier,M,48,GA	9:26	9:29	11:51	11:52	15:04	15:12	17:37	17:37	18:24	18:26	19:53	20:03	23:09	23:12	1:23	1:37	6:56	7:16	10:39	10:45	12:09	12:14	14:20	14:32	17:35	35:35:50	
177	27	Neal Taylor,M,47,CO	8:58	9:00	10:56	10:58	13:51	13:59	16:14	16:15	16:57	16:58	18:35	18:50	21:33	21:36	23:50	0:01	6:10	6:32	9:52	9:54	11:19	11:20	14:03	14:06	17:46	35:46:09	
158	28	John Prater,M,39,CO	9:16	9:19	11:24	11:26	14:11	14:19	16:35	16:40	17:14	17:15	18:35	19:00	22:22	22:30	0:40	1:15	7:14	7:49	10:44	10:45	12:11	12:15	14:34	14:42	17:54	35:54:20	
25	29	Chris Twigg,M,39,FL	9:08	9:09	11:28	11:30	14:37	14:43	17:37	17:42	18:28	18:29	20:00	20:10	23:39	23:43	2:13	2:24	7:27	7:34	10:31	10:35	12:07	12:09	14:29	14:37	17:58	35:58:17	
160	30	Kris Quandt,M,36,WY	8:59	9:03	11:07	11:07	14:10	14:17	16:25	16:26	17:10	17:12	18:49	19:02	21:52	22:00	0:15	0:34	6:01	6:14	9:45	9:50	11:26	11:37	14:09	14:25	18:05	36:05:41	
175	31	Paul Sweeney,M,44,CA	8:54	8:55	10:45	10:47	13:33	13:37	17:13	17:25	18:06	18:18	19:43	20:07	23:19	23:49	2:21	2:33	7:36	8:07	11:16	11:18	12:40	12:43	14:59	15:24	18:13	36:13:17	
125	32	John Hallsten,M,53,MT	8:54	8:56	10:53	10:58	13:28	13:38	15:37	15:40	16:18	16:22	17:49	18:07	21:05	21:15	23:36	0:13	6:18	6:43	10:19	10:30	12:06	12:07	14:40	14:46	18:27	36:27:09	
168	33	Paul Smith,M,54,CO	9:23	9:26	11:46	11:53	15:08	15:20	17:37	17:40	18:20	18:24	19:41	20:00	23:01	23:06	1:20	1:31	6:54	7:23	10:50	10:57	12:31	12:41	15:14	15:23	18:50	36:50:18	
163	34	Steve Roark,M,42,AZ	9:31	9:35	11:49	11:52	14:42	14:47	16:52	16:53	17:44	17:46	19:22	19:37	22:58	23:06	1:45	2:08	8:07	8:40	11:43	11:48	13:28	13:38	15:52	16:05	18:59	36:59:09	
153	35	David Pease,M,47,UT	9:08	9:11	11:27	11:30	14:36	14:50	17:14	17:15	18:00	18:02	19:30	19:52	23:24	23:36	2:10	2:26	7:54	8:10	11:41	11:47	13:22	13:27	15:57	16:09	19:24	37:24:43	
19	36	Jon Teisher,M,34,CO	8:58	9:02	11:06	11:09	14:07	14:11	16:12	16:14	16:57	16:59	18:45	18:55	21:08	21:11	23:43	0:43	7:40	8:31	11:32	11:39	13:22	13:29	16:14	16:25	19:31	37:31:26	
129	37	Donnie Haubert,M,32,CO	8:50	8:53	10:45	10:46	13:40	13:46	16:25	16:30	17:18	17:21	19:03	19:20	22:56	23:09	1:57	2:31	7:53	8:12	11:37	11:43	13:19	13:20	15:53	16:02	19:32	37:32:24	
145	38	Marc Miller,M,28,WY	9:26	9:31	11:36	11:40	14:28	14:36	16:54	16:57	17:44	17:48	19:23	19:42	22:42	22:55	1:12	1:29	7:14	7:32	11:05	11:14	12:48	12:57	16:00	16:03	19:37	37:37:55	
11	39	Mike Ehrlich,M,47,CO	8:56	8:58	10:45	10:46	13:07	13:09	15:07	15:10	15:46	15:48	17:10	17:17	20:09	20:12	22:18	22:31	4:42	5:04	8:51	8:58	10:40	11:06	14:15	14:34	19:42	37:42:34	
12	40	David Coblenz,M,47,NM	9:00	9:03	11:02	11:08	13:47	13:52	16:06	16:10	16:47	16:50	18:05	18:12	21:25	21:55	0:19	2:08	7:44	8:00	11:38	11:43	13:25	13:29	15:53	16:08	19:44	37:44:46	
185	41	Joe Winch,M,54,IA	9:23	9:24	11:41	11:43	14:44	14:48	17:01	17:03	17:52	17:53	19:29	19:37	22:53	23:01	1:14	1:24	7:19	7:31	11:28	11:34	13:24	13:25	16:05	16:11	19:45		

2010 Hardrock Hundred Results in Time of Day

Bib	Place	Name, Sex, Age, State	11.5 Miles		18.9 Miles		27.8 Miles		32.7 Miles		35.9 Miles		43.9 Miles		51.9 Miles		58.4 Miles		71.9 miles		80.0 Miles		85.1 Miles		91.2 Miles		100.5 Miles	
			In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out												
135	72	Jamshid Khajavi,M,57,WA	9:28	9:30	12:16	12:20	15:57	16:08	19:25	19:25	20:17	20:18	22:19	22:29	2:53	2:54	5:23	5:25	11:14	11:46	16:14	16:16	18:23	18:23	21:10	21:13	1:30	43:30:02
29	73	Rob Hacker,M,49,CO	9:22	9:24	11:38	11:45	14:56	15:05	17:34	17:36	18:27	18:30	20:17	20:37	0:52	0:59	3:46	4:31	10:31	11:01	15:00	15:05	16:53	17:00	20:27	20:32	1:35	43:35:04
127	74	Gordon Hardman,M,59,CO	9:48	9:54	12:21	12:26	15:56	16:05	18:50	18:54	19:48	19:55	21:56	22:24	2:21	2:27	5:17	5:33	11:14	11:38	15:29	15:32	17:20	17:24	20:07	20:20	1:39	43:39:12
143	75	Steve McClung,M,48,CO	9:47	9:52	12:21	12:34	15:57	16:15	18:48	18:53	19:48	19:53	21:35	22:06	1:44	3:58	6:26	7:40	12:57	14:02	17:28	17:35	19:07	19:18	22:05	22:30	1:40	43:40:25
49	76	Wendell Doman,M,50,CA	9:43	9:48	12:36	12:38	16:21	16:27	19:20	19:22	20:16	20:19	22:15	22:26	2:19	2:25	5:15	5:29	11:39	11:43	16:08	16:11	17:57	18:02	21:17	21:30	1:59	43:59:48
159	77	Mike Price,M,60,UT	9:31	9:37	11:59	12:02	15:20	15:36	17:58	18:05	19:02	19:08	20:54	21:26	0:49	0:54	3:36	4:26	10:18	10:51	14:35	15:46	17:22	17:32	20:32	20:54	2:05	44:05:45
40	78	Rickie Redland,F,56,CO	9:29	9:35	11:59	12:04	15:15	15:25	17:44	17:45	18:47	18:56	20:41	20:58	0:33	0:36	3:30	3:47	10:19	10:33	14:54	15:01	17:01	17:11	20:32	20:50	2:21	44:21:31
149	79	Kevin Neadeau,M,39,CO	9:43	9:47	12:16	12:26	15:43	15:57	18:25	18:29	19:25	19:27	21:12	21:36	1:16	1:29	4:05	4:43	10:28	11:02	15:10	15:23	17:26	17:38	20:31	21:01	2:31	44:31:43
38	80	Michael Bur,M,45,MD	9:21	9:23	11:47	11:49	15:14	15:30	18:15	18:23	19:25	19:26	21:12	21:30	1:45	1:48	4:52	6:05	12:14	12:46	17:19	17:35	19:29	19:36	22:49	23:01	3:07	45:07:26
134	81	Roger Kane,M,52,CO	9:40	9:48	12:25	12:41	16:27	16:49	19:09	19:15	20:16	20:22	22:28	22:56	2:30	2:41	5:18	5:59	11:54	12:27	16:48	16:59	18:37	18:51	21:59	22:26	3:32	45:32:51
151	82	Barry Oelrich,M,37,CO	9:23	9:25	11:45	11:52	15:14	15:36	18:30	18:33	19:37	19:51	21:43	22:18	2:12	2:33	5:19	6:59	12:50	13:34	17:38	17:45	19:25	19:33	22:49	23:13	3:40	45:40:15
23	83	Dennis Drey,M,58,NM	9:32	9:34	11:49	11:53	15:01	15:11	17:36	17:36	18:26	18:29	20:17	20:17	23:51	0:02	2:39	3:19	11:16	12:39	16:40	16:50	18:46	18:59	22:25	22:43	3:50	45:50:50
33	84	Andrew Hewat,M,47,AUS	10:00	10:02	12:27	12:33	16:13	16:24	19:07	19:11	20:02	20:06	21:58	22:16	2:20	2:28	5:24	5:53	13:12	14:02	18:17	18:22	20:04	20:08	23:38	23:57	4:01	46:01:17
169	85	Zane Smith,M,37,TN	9:44	9:48	12:24	12:31	15:56	16:10	18:57	19:02	19:58	20:03	22:02	22:15	2:18	2:27	5:26	5:40	11:13	11:34	15:38	15:45	17:48	17:54	21:51	22:08	4:08	46:08:59
41	86	Robert Andrusis,M,42,AZ	9:30	9:34	12:01	12:08	15:52	16:12	19:07	19:08	20:06	20:10	22:16	23:16	3:46	4:02	7:01	7:46	13:35	14:04	17:52	17:55	19:41	19:47	22:58	23:37	4:12	46:12:14
126	87	Kean Hankins,M,44,NC	9:26	9:32	12:01	12:09	15:47	15:58	18:54	18:57	19:54	19:57	21:40	22:44	2:35	2:46	5:25	5:48	12:06	12:21	16:34	16:49	18:55	19:11	22:53	23:23	4:12	46:12:26
44	88	Kerry Collings,M,61,UT	9:48	9:53	12:27	12:31	16:00	16:13	18:52	18:54	19:53	19:59	22:06	22:36	2:35	2:43	5:36	6:00	12:44	13:11	17:37	17:43	19:35	19:41	23:06	23:25	4:15	46:15:36
166	89	John Sharp,M,32,TX	9:58	10:03	12:28	12:46	16:32	16:43	19:14	19:16	20:14	20:23	22:28	22:56	2:30	2:40	5:30	5:59	12:10	12:48	16:54	17:02	18:52	19:05	22:52	23:03	4:26	46:26:15
46	90	Pat Homelvig,M,51,CO	9:45	9:45	12:33	12:34	16:24	16:34	19:25	19:26	20:22	20:28	22:36	22:52	2:41	2:53	6:02	6:24	12:51	13:08	17:24	17:31	19:20	19:28	23:04	23:27	4:36	46:36:17
170	91	Scott Snyder,M,55,CO	9:48	9:54	12:40	12:44	16:27	16:37	19:23	19:26	20:22	20:28	22:36	22:37	3:05	3:11	6:09	6:12	12:53	13:16	17:38	17:39	19:32	19:38	23:05	23:14	4:50	46:50:23
131	92	Kristina Irvin,F,52,CA	9:53	10:01	12:52	12:58	16:37	16:53	19:26	19:29	20:30	20:35	22:49	23:08	3:05	3:21	6:15	6:44	12:52	13:19	17:38	17:40	19:32	19:44	23:09	23:22	4:54	46:54:07
50	93	Rick Percy,M,57,CO	9:37	9:41	12:21	12:30	16:24	16:36	19:34	19:35	20:38	20:41	23:07	23:17	4:15	4:24	7:20	7:36	13:54	14:10	18:31	18:37	20:28	20:37	0:09	0:18	4:59	46:59:09
141	94	Stephane Marchand,M,37,FR	9:43	9:47	12:28	12:46	16:32	16:46	19:25	19:30	20:30	20:35	22:28	23:09	2:48	2:59	5:46	6:28	12:52	13:31	17:27	17:32	19:26	19:34	23:19	23:38	5:03	47:03:29
53	95	Margaret Heaphy,F,54,MT	10:27	10:29	13:21	13:25	17:29	17:41	21:14	21:15	22:16	22:22	0:59	1:35	5:39	5:43	8:16	8:33	14:48	15:03	19:02	19:05	21:09	21:17	0:57	1:11	5:12	47:12:37
122	96	Susan Gardner,F,46,NM	9:58	10:02	12:58	13:01	17:04	17:15	19:51	19:54	21:04	21:11	23:13	23:44	3:26	3:40	6:40	7:08	14:00	14:27	18:25	18:30	20:21	20:25	0:11	0:22	5:15	47:15:21
120	97	Marty Fritzhand,M,67,OH	10:00	10:03	12:50	12:59	17:14	17:28	20:22	20:26	21:45	21:48	23:56	0:18	4:49	5:03	7:28	7:50	14:03	14:28	18:26	18:30	20:16	20:25	0:10	0:19	5:16	47:16:11
167	98	Mike Smith,M,52,IN	9:31	9:39	12:18	12:26	16:10	16:31	19:20	19:22	20:22	20:25	22:20	22:44	2:47	2:54	6:02	6:22	12:50	13:20	17:47	17:50	19:37	19:45	23:35	23:44	5:18	47:18:50
42	99	Eric (Rick) Hodges,M,61,CO	9:50	9:56	12:22	12:30	15:42	16:03	18:48	18:52	20:04	20:13	22:16	22:56	3:10	3:12	5:52	6:32	12:01	12:44	16:30	16:48	18:41	19:10	22:57	23:30	5:20	47:20:22
51	100	Jennifer Roach,F,57,CO	10:14	10:19	13:21	13:24	17:38	17:41	20:52	20:52	22:19	22:24	0:59	1:13	6:26	6:29	9:12	9:23	15:18	15:35	19:40	19:41	21:47	21:51	1:28	1:33	5:57	47:57:06
52		Leonard Martin,M,57,TN	10:42	10:46	13:50	13:58	18:24	18:33	21:28	21:31	22:50	22:53	0:18	1:41	5:42	5:46	8:39	8:47	15:33	15:55	20:21	20:25	22:35	22:39	1:58	1:58	6:02	48:02:19
176		John Taylor,M,48,MN	9:56	10:02	12:49	12:54	16:43	16:56	19:38	19:41	20:44	20:48	22:47	23:17	3:24	3:35	6:14	6:41	13:46	14:24	18:25	18:29	20:23	20:31	0:23			
174		Jim Sweatt,M,54,AR	10:09	10:13	13:10	13:19	17:09	17:18	20:15	20:15	21:34	21:37	23:47	0:13	4:45	4:53	7:35	8:01	14:47	15:01	19:11	19:20	21:38	21:47	3:04			
48		Andrew Barney,M,37,UT	9:55	9:59	12:49	12:53	17:03	17:20	20:45	20:52	22:02	22:06	0:14	0:39	4:57	5:04	7:55	8:10	15:04	15:25	20:11	20:18	22:23	22:27	4:05			
119		John Fors,M,43,CA	8:55	8:56	11:01	11:05	14:08	14:15	17:01	17:03	17:47	17:50	19:22	19:29	23:24	23:46	2:19	2:47	10:25	10:35	16:58	17:05	19:15	19:29				
142		Kirk McCarville,M,56,AZ	9:32	9:37	12:01	12:05	15:29	15:39	18:39	18:40	19:43	19:43	21:59	22:52	3:46	4:02	7:02	7:29	15:17	15:28	20:08	20:20	22:31	22:37				
150		Yuki Negoro,F,49,NJ	9:32	9:38	12:10	12:14	15:52	16:07	18:58	19:03	20:14	20:18	22:38	23:11	4:46	4:59	8:09	8:32	15:42	15:51	20:21	20:25	22:45	22:48				
21		Paul Ralyea,M,43,VA	9:15	9:18	11:28	11:32	14:37	14:37	16:49	16:52	17:41	17:44	19:10	19:19	22:21	22:26	0:53	1:05	8:00									
36		Honey Albrecht,F,50,AZ	9:29	9:34	11:51	11:53	15:11	15:24	17:56	18:00	18:48	18:56	20:35	20:58	0:38	0:53	3:01	4:12	10:40									

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
1	Kyle Skaggs	23	NM	23:23:30	M	08-001	
2	Karl Meltzer	41	UT	24:38:02	M	09-001	6
3	Julien Chorie	31	FR	25:17:00	M	11-001	
4	Troy Howard	36	CA	26:01:18	M	09-002	
5	Scott Jurek	34	WA	26:08:34	M	07-001	
6	Karl Meltzer	33	UT	26:39:35	M	01-001	6
7	Karl Meltzer	38	UT	27:07:55	M	06-001	6
8	Dakota Jones	21	CO	27:10:00	M	11-002	
9	Jared Campbell	30	UT	27:18:06	M	10-001	6
10	Diana Finkel	37	CO	27:18:24	F	09-003	4
11	Nick Clark	37	CO	27:43:00	M	11-003	
12	Scott Jaime	39	CO	27:47:53	M	09-004	5
13	Karl Meltzer	35	UT	28:01:55	M	03-001	6
14	Andy Jones-Wilkins	41	ID	28:09:29	M	09-005	
15	Karl Meltzer	37	UT	28:29:15	M	05-001	6
16	Diana Finkel	38	CO	28:32:06	F	10-002	4
17	Jared Campbell	29	UT	28:32:57	M	09-006	6
18	Hans Put	41	NY	28:42:00	M	01-002	2
19	Mark Hartell	39	UK	28:49:10	M	03-002	3
20	Daniel Levy	33	FR	28:57:00	M	11-004	
21	Karl Meltzer	39	UT	28:59:08	M	07-002	6
22	Krissy Moehl	30	WA	29:24:45	F	07-003	
23	Diana Finkel	40	CO	29:27:00	F	11-005	4
24	Kirk Apt	38	CO	29:35:00	M	00-001	17
25	Michael Foote	26	MT	29:35:22	M	10-003	
26	David Horton	43	VA	29:35:48	M	93-001	5
27	Jared Campbell	27	UT	29:37:11	M	07-004	6
28	Joseph Grant	28	CO	29:38:00	M	11-006	
29	Leland Barker	46	UT	29:43:06	M	03-003	
30	Darcy Africa	36	CO	29:46:00	F	11-007	2
31	Paul Sweeney	41	CA	29:46:29	M	07-005	6
32	Scott Gordon	39	NM	29:49:15	M	00-002	3
33	Scott Jaime	38	CO	29:50:53	M	08-002	5
34	Betsy Kalmeyer	40	CO	29:58:00	F	01-003	12
35	Paul Sweeney	39	CA	30:02:28	M	05-002	6
36	Jan Fiala	48	NM	30:05:02	M	01-004	6
37	Blake Wood	40	NM	30:10:58	M	99-001	16
38	David Horton	50	VA	30:12:23	M	00-003	5
39	Ricky Denesik	38	CO	30:12:31	M	98-001	4
40	Jonathan Worswick	38	AUS	30:12:40	M	01-005	3
41	Darcy Africa	35	CO	30:14:49	F	10-004	2
42	Nick Pedatella	25	CO	30:18:52	M	10-005	
43	Ricky Denesik	48	CO	30:21:23	M	08-003	4
44	Ted Mahon	37	CO	30:21:26	M	10-006	4
45	David Horton	48	VA	30:27:00	M	98-002	5
46	Scott Gordon	40	NM	30:27:45	M	01-006	3
47	Joseph Shults	46	CO	30:29:27	M	06-002	2
48	Jason Poole	38	CO	30:31:21	M	10-007	2
49	Mark C. McDermott	38	UK	30:33:31	M	97-001T	
50	Mark Hartell	32	UK	30:33:31	M	97-001T	3
51	Curtis Anderson	40	CO	30:37:21	M	03-004	2
52	Paul Sweeney	38	CA	30:39:14	M	04-001	6
53	Ruth Zollinger	36	UT	30:40:38	F	01-007	
54	James Nelson	40	UT	30:43:06	M	00-004	6
55	Jan Fiala	47	NM	30:43:20	M	00-005	6
56	Rick Trujillo	48	CO	30:44:17	M	96-001	2
57	Glenn Mackie	45	TX	30:45:12	M	07-006	5
58	Jonathan Worswick	37	CA	30:46:16	M	00-006	3
59	Phill Kiddoo	33	CA	30:52:33	M	07-007	2
60	Mark Hartell	31	UK	30:54:13	M	96-002	3
61	Jared Campbell	28	UT	30:55:24	M	08-004	6
62	Hans Put	38	NY	30:56:23	M	99-002	2
63	Duncan Callahan	29	CO	30:57:00	M	11-008	
64	Adam Hewey	42	WA	30:57:15	M	10-008	
65	John Beard	46	TX	30:59:05	M	10-009	2
66	Sam Thompson	28	WA	31:03:13	M	09-007	
67	Kirk Apt	36	CO	31:03:20	M	98-003	17
68	Randy Isler	42	NM	31:05:04	M	99-003	15
69	Nick Coury	21	AZ	31:07:10	M	08-005	
70	Roch Horton	52	UT	31:09:15	M	10-010	10
71	Roch Horton	51	UT	31:09:39	M	09-008	10
72	Diana Finkel	36	CO	31:09:40	F	08-006	4
73	Scott Mills	49	VA	31:11:05	M	00-007	5
74	Randy Isler	41	NM	31:14:50	M	98-004	15
75	Scott Mills	47	VA	31:16:53	M	98-005	5
76	Scott Jaime	40	CO	31:17:14	M	10-011	5
77	Curtis Anderson	36	UT	31:22:50	M	99-004	2
78	Ricky Denesik	49	CO	31:23:54	M	09-009	4
79	Giselher Schneider	41	GER	31:24:33	M	04-002	2
80	Hal Koerner	29	WA	31:29:27	M	05-003	
81	Dennis Poolheco	40	AZ	31:32:15	M	00-008	
82	Zachary Grossman	28	CA	31:34:58	M	05-004	
83	Kirk Apt	41	CO	31:36:37	M	03-005	17
84	Kirk Apt	39	CO	31:40:00	M	01-008	17
85	David Horton	46	VA	31:40:59	M	96-003	5
86	Emily Baer	31	CO	31:41:34	F	07-008	5
87	John Anderson	31	CO	31:41:44	M	10-012	
88	Ken Jensen	32	UT	31:42:03	M	00-009	2
89	Tim Laney	47	UK	31:46:50	M	05-005	
90	Aaron Denberg	42	AZ	31:47:32	M	09-010	
91	Joe Clapper	39	VA	31:47:37	M	98-006	3
92	Garrett Graubins	33	CO	31:51:24	M	05-006	3
93	Betsy Kalmeyer	45	CO	31:53:51	F	06-003	12
94	Mark Lange	33	CO	31:53:54	M	96-004	3

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
95	James Nelson	38	UT	31:54:36	M	99-005	6
96	Ted Mahon	39	CO	31:55:00	M	11-009	4
97	Hiroki Ishikawa	30	JP	31:55:18	M	05-007	2
98	Betsy Kalmeyer	38	CO	31:55:36	F	99-006	12
99	Ricky Denesik	47	CO	31:58:01	M	07-009	4
100	Kevin Shilling	37	UT	31:59:12	M	04-003	
101	Ted Mahon	36	CO	31:59:20	M	09-011	4
102	Tom Hayes-McGoff	51	MT	31:59:50	M	01-009	4
103	Scott Hirst	33	CO	32:00:13	M	94-001	
104	Scott Gordon	38	NM	32:00:33	M	09-007	3
105	Sue Johnston	40	VT	32:07:41	F	05-008	3
106	Philippe Verdier	46	FR	32:15:50	M	09-012	
107	Randy Isler	40	NM	32:17:05	M	97-003	15
108	Brett Gosney	51	CO	32:17:49	M	10-013	6
109	Sue Johnston	35	VT	32:20:03	F	00-010	3
110	Rick Trujillo	46	CO	32:20:24	M	94-002	2
111	Danny Gnojek	44	CO	32:21:00	M	11-010	
112	David Horton	42	VA	32:21	M	92-001	5
113	Tom Hayes-McGoff	55	MT	32:26:00	M	05-009	4
114	Ty Draney	32	WY	32:27:17	M	06-004	2
115	Glenn Mackie	44	TX	32:28:03	M	06-005	5
116	Roch Horton	48	UT	32:28:38	M	06-006	10
117	Kirk Apt	32	CO	32:29:40	M	94-003	17
118	Tom Remkes	48	UT	32:31:23	M	10-014	2
119	Betsy Nye	45	CA	32:32:07	F	10-015	11
120	Whit Rambach	40	CA	32:32:50	M	07-010	
121	Tim Seminoff	40	UT	32:32:59	M	99-008	2
122	Kirk Apt	42	CO	32:34:16	M	04-004	17
123	Tom Garrison	48	NM	32:35:04	M	06-007	5
124	Charlie Thorn	47	NM	32:36:14	M	93-002	10
125	Randy Isler	39	NM	32:36:38	M	96-005	15
126	Glenn Mackie	48	CO	32:36:50	M	10-016	5
127	Sue Johnston	33	VT	32:37:02	F	99-009	3
128	Tyler Curiel	45	TX	32:41:50	M	01-010	11
129	Tyler Curiel	53	TX	32:42:15	M	09-013	11
130	Scott Mills	56	CA	32:43:17	M	07-011	5
131	Neal Taylor	44	CO	32:43:26	M	06-008	4
132	Giselher Schneider	34	GER	32:43:54	M	98-007	2
133	Kirk Apt	35	CO	32:43:58	M	97-004	17
134	Jan Fiala	50	NM	32:45:55	M	03-006	6
135	Brett Sublett	40	CO	32:47:58	M	05-010	2
136	David Coblentz	45	NM	32:48:31	M	08-007	4
137	Allen Hadley	50	CO	32:48:50	M	07-012	4
138	Betsy Kalmeyer	43	CO	32:48:52	F	04-005	12
139	Betsy Nye	41	CA	32:52:09	F	06-009	11
140	Scott Jaime	37	CO	32:53:53	M	07-013	5
141	Tom Hayes-McGoff	53	MT	32:55:00	M	03-007	4
142	Tom Remkes	47	UT	32:56:00	M	08-008	2
143	Mark Lange	30	CO	32:58:30	M	93-003	3
144	Tyler Curiel	54	TX	32:58:49	M	10-017	11
145	Roch Horton	43	CO	32:59:02	M	01-011	10
146	Jonathan Worswick	35	CA	33:01:15	M	98-008	3
147	Betsy Nye	38	CA	33:02:28	F	03-008	11
148	Betsy Kalmeyer	39	CO	33:05:50	F	00-011	12
149	Jan Fiala	45	NM	33:08:05	M	99-010	6
150	Kirk Apt	44	CO	33:10:13	M	06-010	17
151	Brett Gosney	52	CO	33:14:00	M	11-011	6
152	Ted Mahon	34	CO	33:15:00	M	07-014	4
153	Tom Garrison	42	NM	33:17:25	M	01-012	5
154	David Wilcox	47	CO	33:17:48	M	09-014	2
155	Jeff Browning	36	OR	33:18:08	M	07-015	
156	Scott Jaime	35	CO	33:18:48	M	05-011	5
157	Jamil Coury	24	AZ	33:19:56	M	09-015	
158	Greg Hartman	36	CO	33:22:59	M	10-018	4
159	Ty Draney	33	WY	33:23:07	M	07-016	2
160	Regis Shivers Jr.	29	OH	33:25:32	M	99-011	12
161	Betsy Kalmeyer	47	CO	33:25:58	F	08-009	2
162	Bruce Grant	41	CAN	33:26:35	M	07-017	5
163	Erich Peitzsch	30	MT	33:30:19	M	09-016	2
164	Blake Wood	42	NM	33:30:59	M	01-013	16
165	Terry Sentinella	46	WA	33:33:00	M	10-019	
166	Joseph Shults	43	CO	33:33:57	M	03-009	2
167	Robert Youngren	34	AL	33:36:13	M	08-010	3
168	Jason Halladay	33	NM	33:36:20	M	07-018	2
169	Dennis Herr	45	VA	33:37	M	92-002	4
170	Tyler Curiel	51	TX	33:38:22	M	07-019	11
171	Betsy Nye	42	CA	33:39:28	F	07-020	11
172	Roch Horton	46	CO	33:39:40	M	04-006	10
173	Kirk Apt	37	CO	33:39:53	M	99-012	17
174	Tom Garrison	45	NM	33:40:26	M	04-007	5
175	Mark Heaphy	34	MT	33:41:47	M	97-005	13
176	Blake Wood	38	NM	33:43:25	M	97-006	16
177	Mike Ehrlich	46	CO	33:46:0			

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
190	Tim Cannon	39	CO	34:02:36	M	01-015	
191	Ian Torrence	33	NV	34:03:40	M	05-013	
192	Michael Sandlin	46	VA	34:06:22	M	00-013	2
193	Jason Koop	31	CO	34:06:22	M	10-020	
194	Blake Wood	45	NM	34:09:23	M	04-009	16
195	Micheal McCarthy	45	OR	34:11:19	M	09-019	
196	Brian Fisher	42	CO	34:12:24	M	07-021	2
197	Allen Hadley	53	CO	34:14:22	M	10-021	4
198	Gordon Hardman	48	CO	34:15:29	M	99-014	8
199	Paul Sweeney	40	CA	34:16:20	M	06-012	6
200	James Miller	50	CO	34:16:30	M	05-014	2
201	Ryan Cooper	37	CO	34:17:00	M	11-012	
202	Tim Stroh	48	WA	34:17:53	M	10-022	
203	Roch Horton	49	UT	34:18:05	M	07-022	10
204	Ken Jensen	39	UT	34:18:05	M	07-022	2
205	Gordon Hardman	49	CO	34:19:37	M	00-014	8
206	Garrett Graubins	37	CO	34:19:45	M	10-023	3
207	Betsy Kalmeyer	42	CO	34:20:06	F	03-012	12
208	Roch Horton	50	UT	34:20:38	M	08-012	10
209	Kirk Apt	31	CO	34:21:01	M	93-004	17
210	Billy Simpson	54	TN	34:26:00	M	09-020	6
211	Tyler Curiel	43	TX	34:27:19	M	99-015	11
212	Tyler Curiel	48	LA	34:28:06	M	04-010	11
213	Jake Jones	33	CO	34:30:11	M	06-013	2
214	Peter Bakwin	42	CO	34:32:00	M	04-011	2
215	Betsy Nye	35	CA	34:35:33	F	00-015	11
216	Tyler Curiel	44	TX	34:35:49	M	00-016	11
217	Paul Fuller	42	CO	34:36:15	M	94-005	
218	Bruce Grant	44	CAN	34:37:38	M	10-024	5
219	Scott Eppelman	42	TX	34:37:55	M	09-021	7
220	Mike Tilden	34	UT	34:39:13	M	00-017	3
221	Betsy Kalmeyer	49	CO	34:39:33	F	10-025	12
222	David Coblenz	44	NM	34:39:36	M	07-024	4
223	Scott Eppelman	34	TX	34:39:59	M	01-016	7
224	Brian Fisher	43	CO	34:40:16	M	08-013	2
225	Joe Lea	38	NC	34:40:19	M	09-022	2
226	Mike Burke	53	OR	34:40:57	M	04-012	4
227	Roch Horton	42	CO	34:41:47	M	00-018	10
228	David Coblenz	46	NM	34:43:21	M	09-023	4
229	Tyler Curiel	47	LA	34:44:49	M	03-013	11
230	Scott Mills	45	VA	34:51:15	M	96-007T	5
231	Joe Clapper	37	VA	34:51:15	M	96-007T	3
232	Scott Mckenzie	43	CA	34:51:19	M	98-009	
233	Thomas Nielsen	37	CA	34:52:07	M	97-007	
234	Jared Campbell	25	UT	34:53:28	M	05-015	6
235	James Varner	30	WA	34:54:26	M	07-025	
236	Chad Armstrong	43	TX	34:55:00	M	11-013	
237	Betsy Kalmeyer	44	CO	34:55:21	F	05-016	12
238	Mike Ehrlich	43	CO	34:57:58	M	06-014	11
239	John Hallsten	48	MT	34:58:36	M	04-013	4
240	Matthew Hart	36	UT	34:59:00	M	11-014	
241	Scott Eppelman	40	TX	34:59:18	M	07-026	7
242	Charlie Thorn	53	NM	35:01:57	M	99-016	10
243	Bruce Grant	42	CAN	35:03:05	M	08-014	5
244	Mike Burke	52	OR	35:05:09	M	03-014	4
245	Alfred Bogenhuber	59	CA	35:05:26	M	99-017	2
246	Brock Gavary	30	WA	35:10:45	M	07-027	
247	Tyler Curiel	50	LA	35:11:29	M	06-015	11
248	Tom Garrison	49	NM	35:12:43	M	07-028	5
249	Glenn Mackie	46	TX	35:12:58	M	08-015	5
250	Helen Cospolich	32	CO	35:13:56	F	09-024	
251	Scott Mills	50	VA	35:14:04	M	01-017	5
252	Bruce Grant	43	CAN	35:14:45	M	09-025	5
253	Gordon Hardman	46	CO	35:16:01	M	97-008	8
254	Scott Mason	46	UT	35:16:29	M	08-016	6
255	Neal Taylor	46	CO	35:18:57	M	08-017	4
256	Betsy Nye	34	CA	35:19:20	F	99-018	11
257	Brett Gosney	50	CO	35:21:02	M	09-026	6
258	John Beard	44	TX	35:22:53	M	08-018	2
259	Pete Stevenson	38	CO	35:23:00	M	11-015	
260	Betsy Nye	44	CA	35:25:04	F	09-027	11
261	Cory Johnson	44	UT	35:25:20	M	08-019	4
262	James Nelson	43	UT	35:26:38	M	03-015	6
263	John Robinson	36	OR	35:28:12	M	01-018	3
264	Kurt Madden	38	CA	35:29:00	M	94-006	
265	Tyler Curiel	49	LA	35:29:23	M	05-017	11
266	Charlie Thorn	54	NM	35:29:32	M	00-019	10
267	Steve Roark	41	AZ	35:31:03	M	09-028	2
268	John Robinson	38	OR	35:34:20	M	03-016	3
269	Steve Douglas	42	CA	35:34:30	M	07-029	
270	Betsy Kalmeyer	48	CO	35:35:05	F	09-029	12
271	Charlie Thorn	52	NM	35:35:17	M	98-010	10
272	Scott Brockmeier	48	GA	35:35:50	M	10-026	6
273	Kirk Apt	34	CO	35:35:50	M	96-009	17
274	Rob Edde	34	CA	35:38:05	M	04-014	
275	Chip Lee	38	CO	35:44:16	M	93-005	3
276	Neal Taylor	47	CO	35:46:09	M	10-027	4
277	Jason Poole	35	CO	35:46:27	M	06-016	2
278	Blake Wood	48	NM	35:46:37	M	07-030	16
279	Gordon Hardman	41	CO	35:47	M	92-003	8
280	Keith Knipping	27	IL	35:47:28	M	03-017	2
281	Elizabeth McGoff	41	MT	35:47:41	F	01-019	
282	Phill Kiddoo	34	CA	35:47:44	M	08-020	2
283	Bill Geist	38	NM	35:50:10	M	09-030	2
284	Neal Taylor	43	CO	35:50:16	M	05-018	4

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
285	Erich Peitzsch	33	MT	35:51:00	M	11-016	2
286	Randy Isler	44	NM	35:51:21	M	01-020	15
287	Rolly Portelance	54	CAN	35:51:27	M	97-009	2
288	Kirk Apt	43	CO	35:52:16	M	05-019	17
289	Gordon Hardman	43	CO	35:52:19	M	94-007	8
290	Dennis Herr	46	VA	35:52:31	M	93-006	4
291	Steffen Buttner	38	NZ	35:52:50	M	99-019	
292	John Prater	39	CO	35:54:20	M	10-028	
293	Billy Simpson	56	TN	35:55:00	M	11-017	6
294	Edward Boggess	43	CO	35:55:12	M	01-021	2
295	Brian Robinson	46	CA	35:55:44	M	07-031	
296	Tim Seminoff	45	UT	35:58:07	M	03-018	2
297	Chris Twigg	39	FL	35:58:17	M	10-029	7
298	Pasi Kurkilahti	27	FIN	35:58:21	M	06-017	
299	Paul Hopwood	45	HI	35:58:56	M	08-021	
300	Joe Lea	41	NC	35:59:00	M	11-018	2
301	Blake Wood	41	NM	36:03:00	M	00-020	16
302	Nathan Yanko	30	CA	36:03:00	M	11-019	
303	Kris Quandt	36	WY	36:05:41	M	10-030	2
304	James Miller	49	CO	36:05:51	M	04-015	2
305	Dennis Herr	57	VA	36:07:38	M	04-016	4
306	Betsy Nye	43	CA	36:08:23	F	08-022	11
307	Garrett Graubins	39	CO	36:11:00	M	11-024	3
308	Emily Baer	29	CO	36:11:43	F	05-020	5
309	Scott Eppelman	37	TX	36:12:15	M	04-017	7
310	Paul Sweeney	44	CA	36:13:17	M	10-031	6
311	Scott Eppelman	45	TX	36:14:00	M	11-020	7
312	Betsy Kalmeyer	46	CO	36:14:08	F	07-032	12
313	Kimberly Holak	38	MN	36:15:55	F	08-023	2
314	Tim Hewitt	44	PA	36:17:18	M	99-020	
315	Greg Loomis	26	MA	36:19:47	M	00-021	2
316	Mark Melvin	39	CA	36:22:42	M	99-021	3
317	Scott Brockmeier	47	GA	36:24:18	M	09-031	6
318	Aaron Spurlock	36	ID	36:26:00	M	11-021	
319	John Hallsten	53	MT	36:27:09	M	10-032	4
320	Tom Hayes-McGoff	56	MT	36:28:28	M	06-018	4
321	Howard Cohen	50	CA	36:33:05	M	09-032	2
322	Allen Hadley	52	CO	36:33:16	M	09-033	4
323	Billy Simpson	52	TN	36:34:30	M	07-033	6
324	Jon Teisher	33	CO	36:35:51	M	09-034	3
325	Todd Salzer	27	CO	36:36:33	M	01-022	7
326	Billy Simpson	49	TN	36:38:46	M	04-018	6
327	Devin Corcoran	51	CA	36:39:00	M	09-035	
328	Reinhold Baues	53	OR	36:39:10	M	03-019	2
329	Greg Hartman	38	CO	36:40:00	M	11-033	4
330	Jeff Arndt	50	AK	36:43:15	M	03-020	
331	Charlie Thorn	51	NM	36:43:32	M	97-010	10
332	Jake Jones	32	CO	36:44:56	M	05-021	2
333	Dan Tranel	44	IA	36:45:12	M	01-023	3
334	Edward Boggess	42	CO	36:45:13	M	00-022	2
335	John Hallsten	51	MT	36:45:20	M	07-034	4
336	Michael Sandlin	44	TX	36:46:06	M	99-022	2
337	Mike Dobies	46	MI	36:49:35	M	07-035	9
338	Paul Smith	54	CO	36:50:18	M	10-033	3
339	Bill Thomas	47	WA	36:51:28	M	04-019	
340	Chip Lee	39	CO	36:54:10	M	94-008	3
341	Chris Gerber	38	CO	36:55:00	M	11-022	2
342	Emily Baer	28	CO	36:57:07	F	04-020	5
343	Betsy Nye	40	CA	36:58:25	F	05-022	11
344	Bill Geist	36	NM	36:58:56	M	07-036	2
345	Eric Robinson	31	CA	36:59:03	M	99-023	2
346	Steve Roark	42	AZ	36:59:09	M	10-034	2
347	Mike Ehrlich	48	CO	37:01:00	M	11-023	11
348	Jan Fiala	51	NM	37:04:00	M	04-021	6
349	Scott Olmer	36	CO	37:05:42	M	07-037	7
350	David Wilcox	44	CO	37:06:54	M	06-019	2
351	Jan Bear	48	NM	37:08:00	M	03-021	
352	Odin Christensen	45	CO	37:08:05	M	93-007	7
353	Paul Schoenlaub	48	MO	37:09:58	M	07-038	3
354	Tyler Curiel	52	TX	37:13:31	M	08-024	11
355	Phil Kahn	43	CO	37:14:32	M	96-010	4
356	Daniel Benhammou	31	CO	37:16:00	M	11-025	4
357	Paul Sweeney	42	CA	37:18:34	M	08-025	6
358	John Cappis	50	NM	37:19	M	92-04T	
359	Charlie Thorn	46	NM	37:19	M	92-04T	10
360	Roch Horton	45	CO	37:19:00	M	03-022	10
361	Dennis Drey	55	NM	37:19:25	M	07-039	8
362	Will Vaughan	37	CO	37:21:07	M	09-036	2
363	Mike Mitchell	40	UT	37:21:16	M	99-024T	2
364	Mike Tilden	32	UT	37:21:16	M	99-024T	3
365	L						

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
380	Robert Orr	50	AR	37:36:29	M	04-022	
381	Randy Isler	49	NM	37:37:07	M	06-021T	15
382	Cory Johnson	42	UT	37:37:07	M	06-021T	4
383	Corey Handelsman	28	MD	37:37:07	M	06-021T	
384	Marc Miller	28	WY	37:37:55	M	10-038	
385	Christian Johnson	40	UT	37:38:00	M	11-027	
386	Ben Corrales	38	UT	37:38:00	M	11-028	
387	Klas Eklof	35	CA	37:39:20	M	06-023	
388	Sean Andrish	37	VA	37:39:50	M	06-024	2
389	Mike Ehrlich	47	CO	37:42:34	M	10-039	11
390	Charlie Thorn	55	NM	37:42:55	M	01-024	10
391	David Larsen	40	OR	37:43:00	M	11-029	
392	Jeff Holdaway	43	VA	37:43:03	M	01-025	2
393	David Williams	54	CA	37:43:48	M	07-043	
394	Blake Wood	46	NM	37:44:30	M	05-025	16
395	David Coblentz	47	NM	37:44:46	M	10-040	4
396	Joe Winch	54	IA	37:45:46	M	10-041	
397	Jason Halladay	32	NM	37:46:04	M	06-025	2
398	Daniel Benhammou	28	CO	37:46:46	M	08-027	4
399	Charlie Nuttleman	32	CO	37:47:07	M	09-040	
400	John Amies	55	UK	37:47:28	M	97-012T	
401	Craig Wilson	48	ME	37:47:28	M	97-012T	5
402	Mike Ehrlich	42	CO	37:49:55	M	05-026	11
403	Robert Youngren	25	AL	37:50:48	M	99-026	3
404	Douglas Spencer	42	CA	37:50:59	M	00-024	
405	Philip Murphy	41	AUS	37:51:37	M	10-042	
406	Don Platt	51	CO	37:51:40	M	05-027	6
407	Bert Meyer	48	CT	37:52:40	M	93-008	4
408	Blake Wood	50	NM	37:53:08	M	09-041	16
409	Mark Melvin	47	CA	37:56:37	M	07-044	3
410	Patrick Fellay	47	SWZ	37:56:52	M	09-042	
411	Darrell Jensen	40	WA	37:57:00	M	07-045	
412	Mike (CO) Farris	37	CO	37:57:35	M	10-043	
413	Paul Tidmore	39	TX	37:57:52	M	07-046	2
414	Glenn Mackie	43	TX	37:58:21	M	05-028	5
415	Paul Ralyea	42	VA	37:58:27	M	09-043	
416	Flavio Dalbosco	43	ITALY	38:04:25	M	07-047	3
417	Sean Andrish	39	VA	38:04:40	M	08-028	2
418	Randy Rhodes	44	CO	38:04:42	M	94-09T	5
419	Tim Beaman	43	VT	38:04:42	M	94-09T	
420	Richard Ruid	38	MO	38:05:00	M	99-027	
421	Kirk Apt	48	CO	38:05:14	M	10-044	17
422	Jim Baker	56	OK	38:05:52	M	06-026	4
423	Kristen Kern	44	NM	38:06:13	M	09-044	10
424	John Hallsten	55	MT	38:07:00	M	11-030	4
425	William Rideg	39	MT	38:08:14	M	04-023	2
426	Jared Campbell	24	UT	38:09:11	M	04-024	6
427	Greg Hartman	35	CO	38:10:04	M	08-029	4
428	Todd Holmes	40	CO	38:10:24	M	96-011	
429	Mark Melvin	40	CA	38:14:35	M	00-025	3
430	Geoff Miller	35	CO	38:16:09	M	93-009	4
431	Dennis Drey	57	NM	38:17:02	M	09-045	8
432	Daniel Benhammou	29	CO	38:17:16	M	10-045	4
433	Randy Rhodes	43	CO	38:18:06	M	93-010	5
434	Jan Fiala	44	NM	38:19:31	M	98-011	6
435	Blake Wood	35	NM	38:20:22	M	94-011	16
436	Blake Wood	53	NM	38:21:00	M	11-031	16
437	Chris Labbe	40	CO	38:21:16	M	09-046	6
438	Keith Baker	49	CO	38:21:37	M	04-025	3
439	Cory Johnson	45	UT	38:21:58	M	10-046	4
440	Scott Kuhn	41	CO	38:22:00	M	11-032	
441	Kristen Kern	41	NM	38:24:49	M	06-027	10
442	Kirk Apt	45	CO	38:25:28	M	07-048	17
443	Greg Martell	41	WY	38:25:38	M	98-012	
444	Garry Curry	55	CO	38:29:44	M	09-047T	3
445	Kirk Apt	47	CO	38:29:44	M	09-047T	17
446	Blake Wood	44	NM	38:30:10	M	03-023	16
447	Stephanie Ehret	42	CO	38:30:30	F	04-026	6
448	Dennis Drey	53	NM	38:32:31	M	05-029	8
449	Eric Robinson	30	CA	38:32:43	M	98-013	2
450	Ken Farley	45	CA	38:33:05	M	10-047	
451	Gordon Hardman	47	CO	38:34:56	M	98-014	8
452	Scott Olmer	37	CO	38:35:01	M	08-030	7
453	Scott Olmer	39	CO	38:36:15	M	10-048	7
454	Chris Twiggs	38	FL	38:36:58	M	09-049	7
455	Tim Neckar	37	TX	38:37:53	M	99-028	
456	Todd Salzer	32	CO	38:38:25	M	06-028	7
457	Michael Ehredt	47	ID	38:38:49	M	08-031	
458	Chris Gerber	36	KY	38:40:50	M	10-049	2
459	Todd Salzer	29	CO	38:40:50	M	03-024	7
460	Margaret (Heaphy) Smith	38	MT	38:43:09	F	94-012	10
461	Wouter Hamelincx	26	BEL	38:44:09	M	08-032	
462	Dave Dixon	28	NM	38:44:55	M	99-029	
463	Odin Christensen	44	CO	38:45	M	92-006	7
464	Paul Schoenlaub	49	MO	38:45:31	M	08-033	3
465	Dennis Drey	54	NM	38:46:44	M	06-029T	8
466	Kurt Coonrod	46	NM	38:46:44	M	06-029T	3
467	Mark Christopherson	40	UT	38:47:37	M	08-034	
468	Mike Ehrlich	44	CO	38:49:40	M	07-049	11
469	Randy Rhodes	47	CO	38:50:48	M	97-014	5
470	John Dove	44	GA	38:51:17	M	08-035	
471	Chris Nute	36	CO	38:53:17	M	04-027	2
472	Mike Burke	58	OR	38:53:44	M	09-050	4
473	Dale Petersen	44	CO	38:54:09	M	00-026	

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
474	Jeff List	50	MA	38:54:43	M	09-051	2
475	Randy Isler	47	NM	38:56:43	M	04-028	15
476	Randy Isler	54	NM	38:57:00	M	11-034	15
477	Tom Rowe	50	MT	38:58:06	M	99-030	4
478	Chip Lee	43	CO	38:58:29	M	98-015	3
479	Blake Wood	51	NM	38:58:42	M	10-050	16
480	Emily (Baer) Loman	24	CO	38:58:58	F	00-027	5
481	Kristen Kern	42	NM	38:59:15	M	07-050	10
482	Hiroki Ishikawa	29	JP	38:59:30	M	04-029	2
483	Julian Jamison	38	MA	39:02:00	M	11-035	2
484	David Pease	48	UT	39:03:00	M	11-036	4
485	Rhonda Claridge	41	CO	39:06:33	F	09-052	
486	Blake Wood	39	NM	39:07:59	M	98-016	16
487	Paul Grimm	39	CO	39:09:25	M	07-051	
488	Brett Gosney	44	CO	39:09:54	M	03-025	6
489	Andrew Heard	43	AZ	39:10:00	M	09-053	
490	Bob Bachani	53	AZ	39:10:18	M	09-054T	2
491	Rodger Wrublik	52	CO	39:10:18	M	09-054T	6
492	Joe Clapper	50	VA	39:11:09	M	09-056	3
493	Craig Wilson	55	ME	39:11:17	M	04-030	5
494	Todd Salzer	37	CO	39:14:00	M	11-037	7
495	Howie Stern	40	CA	39:15:06	M	10-051	4
496	Scott Gala	41	MI	39:15:13	M	07-052	
497	Greg Hartman	34	CO	39:15:15	M	07-053	4
498	Roger Jensen	60	CO	39:15:30	M	10-052	
499	Robert Rikoon	54	NM	39:16:07	M	09-057	2
500	Betsy Nye	47	CA	39:17:00	F	11-038	11
501	Joanne Urioste	42	NV	39:18:26	F	94-013	3
502	Murray Schart	44	UT	39:18:47	M	03-026	6
503	Tina Ure	50	CA	39:20:55	F	10-053	2
504	Scott Grierson	27	ME	39:21:12	M	94-014	
505	Yves Detry	58	FR	39:21:30	M	06-031T	
506	Etienne Fert	40	FR	39:21:30	M	06-031T	
507	Chris Nute	30	CO	39:21:33	M	98-017	2
508	Susan Gebhart	52	CO	39:22:00	F	07-054	2
509	Adrian Crane	38	CA	39:22:10	M	93-011	
510	Dan Tranel	43	IA	39:22:56	M	00-028	3
511	Eric Pence	33	CO	39:25:58	M	99-031	2
512	Dennis Drey	52	NM	39:26:36	M	04-031T	8
513	Kurt Coonrod	44	NM	39:26:36	M	04-031T	3
514	Randy Rhodes	46	CO	39:26:37	M	96-012	5
515	Larry Kundrick	53	CAN	39:27:53	M	10-054	
516	Randy Isler	46	NM	39:28:31	M	03-027T	15
517	Kristen Kern	38	NM	39:28:31	M	03-027T	10
518	Mark Williams	31	CA	39:29:50	M	97-015	
519	Lance Goss	53	CA	39:30:50	M	99-032	2
520	Trevor Garner	33	ID	39:31:00	M	11-039	
521	Bill Laster	49	AR	39:31:14	M	99-031	2
522	James Demer	40	ME	39:31:22	M	09-058	
523	Julian Jamison	36	CA	39:31:58	M	09-059	2
524	Steve Pattillo	48	NM	39:32:30	M	99-033	3
525	Mike Ehrlich	36	CO	39:34:40	M	99-034	11
526	Kelly Korevec	26	UT	39:35:21	M	08-036	
527	Gary Knippling	60	VA	39:36:05	M	03-029	
528	Howie Stern	39	CA	39:36:27	M	08-037	4
529	Roch Horton	40	CO	39:37:02	M	99-035	10
530	Scott Olmer	38	CO	39:38:36	M	09-060	7
531	Scott Eppelman	41	TX	39:39:16	M	08-038	7
532	PoDog Vogler	45	AR	39:41:00	M	11-040	
533	Keith Baker	48	NM	39:41:17	M	03-030	3
534	Bud Phillips	61	NM	39:42:34	M	08-039	5
535	Tom Stockton	50	NM	39:45:09	M	10-055	
536	Dennis Herr	52	VA	39:45:15	M	99-036	4
537	Dan Curley	43	CA	39:45:45	M	99-037	2
538	Brett Sublett	41	CO	39:46:20	M	06-033	2
539	Kirk Apt	46	CO	39:46:40	M	08-040	17
540	Mike Dobies	42	MI	39:48:22	M	03-031	9
541	Michael Popov	33	CA	39:49:00	M	11-041	
542	Mike Ehrlich	45	CO	39:50:07	M	08-041	11
543	Ken Gordon	43	NM	39:50:30	M	08-042	2
544	John DeWalt	65	PA	39:52:35	M	01-026	14
545	Mike Dobies	47	MI	39:52:47	M	08-043	9
546	Dan Curley	53	CA	39:54:20	M	09-061T	2
547	Beat Jegerlehner	40	CA	39:54:20	M	09-061T	
548	Mark Lange	29	CO	39:55:00	M	92-007	3
549	Randy Isler	52	NM	39:55:07	M	09-063	15
550	Thomas Knutson	51	MN	39:56:28	M	01-027	4
551	Doug Newton	35	CO	39:57:00	M	11-042	
552	Jeff Collins	48	CA	40:00:48	M	01-028	
553	Scott Olmer	40	CO	40:01:00	M	11-043	7
554	James Nelson	46	UT	40:02:06	M	06-034	6
555	Kristen Kern	45	NM				

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
569	Rob Hacker	48	CO	40:28:28	M	09-065	2
570	Mark Heaphy	46	MT	40:31:00	M	09-066	13
571	Brian Kent	52	CO	40:31:25	M	09-067	
572	Flavio Dalbosco	46	ITALY	40:32:31	M	10-060	3
573	Murray Schart	50	UT	40:33:24	M	09-068	6
574	Larry Alire	50	CO	40:33:45	M	97-020	2
575	Mike Ehrlich	38	CO	40:35:07	M	01-030	11
576	Brett Gosney	48	CO	40:35:21	M	07-055	6
577	Diane Van Deren	49	CO	40:35:50	F	09-069	7
578	Odin Christensen	48	CO	40:35:50	M	96-013	7
579	Jeffrey Mark Wilbur	48	VA	40:35:52	M	07-056	
580	Cory Johnson	43	UT	40:35:52	M	07-056	4
581	Douglas McKeeever	45	WA	40:38:15	M	93-012	
582	Fred Ecks	42	CA	40:40:51	M	08-044	2
583	Mark Heaphy	45	MT	40:40:55	M	08-045	13
584	Devin Gardiner	30	CO	40:42:50	M	07-058	2
585	Betsy Kalmeyer	35	CO	40:43:13	F	96-014	12
586	Randy Isler	53	NM	40:44:35	M	10-061	15
587	Joe Prusaitis	46	TX	40:47:48	M	01-031	7
588	Charlie Thorn	57	NM	40:49:14	M	03-032	10
589	Andrew Hewat	46	AUS	40:50:28	M	09-070	3
590	Mike Price	51	UT	40:51:38	M	01-032	3
591	Bud Phillips	57	CA	40:52:20	M	04-034	5
592	Blake Wood	47	NM	40:53:20	M	06-035	16
593	Kris Quandt	37	WY	40:55:00	M	11-046	2
594	Geoff Miller	38	CO	40:55:06	M	96-015	4
595	Mike Dobies	48	MI	40:56:11	M	09-071	9
596	Russ Evans	45	VA	40:56:40	M	04-035T	
597	Scott Brockmeier	42	NC	40:56:40	M	04-035T	6
598	Jeff List	52	MA	40:57:00	M	11-047	2
599	Allen Czecholinski	53	WI	40:57:38	M	00-029	2
600	Ryan McDermott	34	UT	40:57:50	M	10-062	2
601	Eliza McLean	32	NC	40:57:57	F	98-019T	
602	Steve Simmons	32	WV	40:57:57	M	98-019T	
603	Don Platt	50	CO	40:58:09	M	04-037	6
604	Keith Baker	47	NM	40:58:10	M	01-034T	3
605	Carl Jess	43	NM	40:58:10	M	01-034T	
606	Kristen Kern	36	NM	40:58:10	M	01-034T	10
607	Robert Rikoon	53	NC	40:58:22	M	08-046	2
608	Jack Kurisky	43	VA	40:58:30	M	10-063	
609	Rodger Wrublik	50	CO	41:00:15	M	07-059	6
610	Rodger Wrublik	51	CO	41:01:31	M	08-047	6
611	Jerry Gray	55	CO	41:04:20	M	01-036	
612	Mark McDermott	31	CO	41:04:55	M	93-013	
613	Bill Thompson	58	AUS	41:05:16	M	00-030	
614	Murray Schart	48	UT	41:06:01	M	07-060	6
615	Billy Simpson	53	TN	41:07:01	M	08-048	6
616	Scott Olmer	35	CO	41:07:20	M	06-036	7
617	Jeff Heasley	42	CO	41:08:53	M	09-072	2
618	Mark Cosmas	41	AZ	41:10:40	M	08-049	
619	Phil Kahn	53	CO	41:10:51	M	06-037	4
620	Ryan McDermott	31	CO	41:11:20	M	07-061	2
621	Blake Wood	37	NM	41:11:36	M	96-016	16
622	Lance Johnson	43	NM	41:12:17	M	09-073	4
623	Steve Pero	50	MA	41:14:11	M	01-037	2
624	Scott Brockmeier	44	WA	41:17:10	M	06-038	6
625	Don Platt	49	CO	41:17:34	M	03-033	6
626	Paul Schoenlaub	52	MO	41:18:00	M	11-048	3
627	Steve Pattillo	47	NM	41:18:55	M	98-021	3
628	Mark Heaphy	42	MT	41:22:24	M	05-030	13
629	Martyn Greaves	33	UK	41:22:34	M	93-014	2
630	Gary Cuffin	53	CO	41:23:04	M	04-038	2
631	Randy Wojno	40	CO	41:23:50	M	99-039	4
632	Randy Isler	48	NM	41:23:56	M	05-031	15
633	David Fullford	46	WA	41:26:22	M	06-039	2
634	Nick Williams	50	AR	41:26:46	M	93-015	2
635	Mark Heaphy	41	MT	41:28:40	M	04-039	13
636	Mike Dobies	36	MI	41:31:46	M	97-021	9
637	Glen Turner	44	CO	41:31:55	M	03-034	
638	Reinhold Baues	51	OR	41:37:19	M	01-038	2
639	Gregory Trapp Margaret (Heaphy)	47	OH	41:37:47	M	10-064	2
640	Smith	37	MT	41:38:38	F	93-016	10
641	Chad Piala	32	CO	41:40:24	M	09-074	
642	Jim Campiformio	59	CT	41:41:22	M	09-075	
643	Todd Salzer	36	CO	41:45:10	M	10-065	7
644	Rick Hodges	54	CA	41:46:55	M	03-035	7
645	Michael James	38	MT	41:47:20	M	09-076	2
646	Philip Wiley	47	CO	41:49:39	M	09-077	2
647	Dan Tranel	46	IA	41:50:08	M	03-036T	3
648	Mark Heaphy	40	MT	41:50:08	M	03-036T	13
649	Bert Meyer	49	CT	41:50:26	M	94-015	4
650	Mark Heaphy	49	MT	41:51:00	M	11-049	13
651	Jim Fisher	48	NM	41:51:41	M	99-040	5
652	Mike Dobies	45	MI	41:53:59	M	06-040	9
653	Charlie Thorn Hans-Dieter	58	NM	41:57:38	M	04-040	10
654	Weisshaar	64	GER	41:57:52	M	04-041	7
655	Tina Ure	52	CA	41:58:00	F	11-050	2
656	David Terry	44	OR	41:59:24	M	05-032	2
657	Jeb Burchenal	42	CO	42:00:52	M	04-042	2
658	William Ridged	38	MT	42:01:38	M	03-038	2
659	James Benike	47	MN	42:01:39	M	97-022T	3
660	Matthew Janney	42	OR	42:01:39	M	97-022T	
661	Matthew Watts	53	CO	42:03:30	M	10-066	

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
662	Dennis Drey	56	NM	42:03:43	M	08-050	8
663	John DeWalt	63	PA	42:03:53	M	99-041	14
664	Rick Hodges	55	CA	42:03:58	M	04-043	7
665	Luis De Arriba India	44	SPA	42:04:00	M	11-051	
666	Chris Twiggs	37	FL	42:04:18	M	08-051	7
667	Carol Gerber	44	CO	42:06:40	F	07-062	2
668	Steve McCormick	49	CO	42:06:55	M	94-017T	
669	Garry Curry	40	CO	42:06:55	M	94-017T	3
670	Lew Larson	40	CO	42:06:55	M	94-017T	
671	Mike Ehrlich	37	CO	42:07:59	M	00-031	11
672	Honey Albrecht	50	AZ	42:08:21	F	09-078	
673	Flavio Dalbosco	42	ITALY	42:11:33	M	06-041	3
674	Jim Fisher	45	NM	42:12:30	M	96-017	5
675	Jeb Burchenal	47	CO	42:12:53	M	09-079	2
676	Chuck Kroger	55	CO	42:13:12	M	01-039	6
677	Tara Burton	39	CO	42:14:00	F	11-052	
678	Ken Ward	47	OR	42:14:45	M	04-044	3
679	Rickie Redland	52	CO	42:14:52	F	06-042T	9
680	Susan Gebhart	51	CO	42:14:52	F	06-042T	2
681	Todd Salzer	34	CO	42:15:34	M	08-052	7
682	Jeff Holdaway	48	VA	42:16:38	M	06-044	2
683	Lyle Nay	46	UT	42:17:24	M	07-063	
684	Matt Mahoney	44	FL	42:17:42	M	00-032	4
685	Howard Cohen	49	CA	42:18:36	M	08-053	2
686	Diane Van Deren	48	CO	42:18:40	F	08-054	7
687	Rickie Redland	53	CO	42:20:40	F	07-064	9
688	Diane Van Deren	47	CO	42:20:40	F	07-064	7
689	Andrea Williams	30	CO	42:22:00	F	11-053	
690	Chris Twiggs	36	FL	42:22:00	M	07-066	7
691	Tom Rowe	52	MT	42:22:59	M	00-033	4
692	John Robinson	41	OR	42:23:00	M	06-045	3
693	Randy Rhodes	42	CO	42:26	M	92-008T	5
694	Thomas Knutson	41	MN	42:26	M	92-008T	4
695	Will Vaughan	34	CO	42:27:43	M	06-046	2
696	Jim Baker	58	OK	42:29:39	M	08-055	4
697	David Schurr	48	CA	42:33:47	M	08-056	
698	Randy Gehrke	50	ID	42:35:07	M	07-067	
699	Brett Gosney	47	CO	42:35:09	M	06-047	6
700	Diane Ridgway	50	CO	42:37:23	F	99-042	2
701	Matt Mahoney	43	FL	42:39:14	M	99-043	4
702	Josh Mietz	32	NE	42:40:00	M	11-054	
703	Jon MacManus	45	CO	42:40:26	M	96-018	2
704	Michael Bur	41	MD	42:40:49	M	06-048	4
705	Edward Strickland	45	CO	42:42:36	M	01-040	
706	Bert Meyer	54	CT	42:42:55	M	99-044	4
707	Randy Wojno	49	CO	42:43:12	M	08-057	4
708	Paul Tidmore	40	TX	42:44:25	M	08-058	2
709	Stan Ferguson	46	UT	42:46:09	M	10-067	2
710	Kristen Kern	39	NM	42:47:30	M	04-045	10
711	Thomas Schnitzius	57	CO	42:50:09	M	10-068	4
712	Peter Bakwin	44	CO	42:50:09	M	06-049	2
713	Liz Bauer	50	GA	42:52:40	F	09-080	4
714	Mark Heaphy	47	MT	42:52:40	M	10-069	13
715	Joe Prusaitis	45	TX	42:53:30	M	00-034	7
716	Jon Teisher	32	CO	42:55:01	M	08-059	3
717	Rob Cassidy	43	CO	42:55:37	M	08-060	
718	Nigel Finney	54	MN	42:56:00	M	00-035	5
719	Brad Hatten	47	CO	42:57:50	M	03-039	
720	Chad Carson	49	UT	42:58:23	M	08-062	2
721	David Arnold Larsen	38	UT	42:58:23	M	08-061	
722	Larry Hall	52	IL	42:58:42	M	06-050	5
723	Nigel Finney	55	MN	42:59:55	M	01-041	5
724	Jim Fisher	43	NM	42:59:59	M	04-047T	3
725	Jean-Francois Geiss	54	FR	43:02:04	M	07-068	4
726	Kirk Boisseree	44	CA	43:05:56	M	01-042	2
727	Todd Salzer	33	CO	43:06:22	M	07-069	7
728	Garry Curry	42	CO	43:08:06	M	96-019T	3
729	Randy Wojno Hans-Dieter	36	CO	43:08:06	M	96-019T	4
730	Weisshaar	66	GER	43:08:40	M	06-051T	7
731	Odin Christensen	59	CO	43:08:40	M	06-051T	7
732	Greg Eason	34	AK	43:08:52	M	04-046	
733	Odin Christensen	54	CO	43:10:30	M	99-045	7
734	James Benike	55	MN	43:10:45	M	04-047T	3
735	Thomas Knutson	54	MN	43:10:45	M	04-047T	4
736	Steve Pattillo	51	NM	43:11:27	M	01-043	3
737	Thomas Green Hans-Dieter	45	MD	43:12:43	M	96-021	
738	Weisshaar	68	GER	43:13:00	M	08-063	7
739	Murray Schart	51	UT	43:13:49	M	10-070	6
740	Julie Westland-Litus	35	CO	43:14:50	F	93-017	4
741	Mike Dobies	40	MI	43:15:07	M	01-044	9
742	John McGrew	41	CO	43:16:30	M	99-046	3
743	Ken Ward	53					

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
755	Steve Pero	57	NM	43:25:51	M	08-065	2
756	Jim Fisher	47	NM	43:26:26	M	98-022	5
757	Jamshid Khajavi	57	WA	43:30:02	M	10-072	1
758	David Fullford	45	WA	43:30:23	M	05-033	2
759	Jim Baker	54	OK	43:30:47	M	04-049	4
760	Steve McClung	46	CO	43:31:35	M	08-066	3
761	Murray Schart	46	UT	43:31:39	M	05-034	6
762	Rob Hacker	49	CO	43:35:04	M	10-073	2
763	Gordon Hardman	59	CO	43:39:12	M	10-074	8
764	Mike Price	50	UT	43:39:24	M	00-036	3
765	Mike (MN) Farris	45	MN	43:39:27	M	00-037	2
766	Steve McClung	44	CO	43:39:45	M	06-053	3
767	Steve McClung	48	CO	43:40:25	M	10-075	3
768	Art Bourque	41	AZ	43:41:35	M	03-043	3
769	Carol Gerber	45	CO	43:41:40	F	08-067	2
770	Julie Westland-Litus	36	CO	43:41:47	F	94-021T	4
771	Steve Tilley	47	AR	43:41:47	M	94-021T	2
772	Phil Kahn	41	CO	43:41:47	M	94-021T	4
773	Robert Youngren	31	AL	43:43:26	M	05-035	3
774	Kirk McCarville	53	AZ	43:43:52	M	07-073	2
775	Jay Dobrowski	32	CA	43:45:00	M	11-055	7
776	Diane Van Deren	51	CO	43:46:00	F	11-056	7
777	Douglas McInturff	41	CO	43:46:13	M	00-038	4
778	Rickie Redland	50	CO	43:46:34	F	04-050	9
779	Kirk Apt	49	CO	43:47:00	M	11-057	17
780	Hal Winton	64	CA	43:48:16	M	96-022	6
781	Rodger Wrublik	49	AZ	43:48:18	M	06-054	6
782	Burgess Harmer	51	NV	43:48:33	M	93-019	7
783	Don Platt	47	CO	43:48:36	M	01-045	6
784	Murray Schart	42	UT	43:48:42	M	01-046	6
785	Jerry Bloom	53	CA	43:49:04	M	06-055	3
786	David Lygre	53	WA	43:49:12	M	96-023	3
787	Chris Twigg	41	FL	43:51:00	M	11-058	7
788	Liz Bauer	48	GA	43:51:15	F	07-074	4
789	Matt Hornung	40	CO	43:51:51	M	97-027	2
790	Hans van Willigen	60	MA	43:51:53	M	98-023	5
791	Allen Belshaw	33	CO	43:52:43	M	00-039	5
792	Andrea Feucht	30	NM	43:52:57	F	04-051	2
793	Bob Bachani	50	AZ	43:53:17	M	06-056	2
794	Jeff Heasley	40	CO	43:54:34	M	07-075	2
795	Roberta Orr	38	AR	43:55:21	F	04-052	5
796	Craig Wilson	57	ME	43:56:34	M	06-057	5
797	Dennis Drey	60	NM	43:57:00	M	11-059	8
798	Chuck Kroger	54	CO	43:57:00	M	00-040	6
799	Rick Gates	46	UT	43:57:28	M	03-044	4
800	Wendell Doman	50	CA	43:59:48	M	10-076	4
801	Kristina Irvin	46	CA	44:01:00	F	04-053	7
802	Rodger Wrublik	48	AZ	44:01:02	M	05-036	6
803	George Hitzfeld	46	TX	44:02:25	M	06-058	2
804	Jim Drummond	51	UK	44:05:20	M	03-045	2
805	Mike Price	60	UT	44:05:45	M	10-077	3
806	Odin Christensen	57	CO	44:06:29	M	04-054	7
807	Thomas Schnitzius	53	CO	44:07:07	M	06-059	4
808	John Addis	41	UK	44:08:10	M	96-024	4
809	Mark Spangler	45	MN	44:08:48	M	97-028	8
810	Chris Twigg	34	FL	44:09:01	M	05-037	7
811	Devin Gardiner	28	CO	44:11:23	M	05-038	2
812	Andrew Matulionis	42	MT	44:11:38	M	07-076	2
813	Joe Prusaitis	54	TX	44:13:38	M	08-068	7
814	Mary Lou Morgan-						
814	Pentasuglio	43	CO	44:13:42	F	97-029	2
815	Bud Phillips	60	CA	44:13:59	M	07-077	5
816	Larry Hall	53	IL	44:15:26	M	07-078	5
817	Bud Phillips	53	CO	44:16:33	M	00-041	5
818	Mike Mitchell	41	UT	44:16:44	M	00-042	2
819	Tim Long	44	CO	44:17:00	M	11-060	3
820	Rickie Redland	56	CO	44:21:31	F	10-078	9
821	Kristina Irvin	42	CA	44:22:58	F	00-043	7
822	Lance Johnson	42	NM	44:23:04	M	08-069	4
823	Lance Johnson	41	NM	44:23:13	M	07-079	4
824	Kevin Taverner	38	CO	44:27:58	M	01-047	4
825	John DeWalt	64	PA	44:28:21	M	00-044	14
826	Kimberly Holak	39	MN	44:29:17	F	09-081	2
827	Martin Miller	49	MT	44:29:38	M	01-048	2
828	Randy Isler	51	NM	44:30:44	M	08-070	15
829	Kevin Neadeau	39	CO	44:31:43	M	10-079	9
830	Marcy Beard	42	NY	44:32:00	F	11-061	1
831	David Terry	47	OR	44:32:01	M	08-071	2
832	Kristina Irvin	40	CA	44:32:07	F	98-024	7
833	Bobby Keogh	49	NM	44:32:24	M	98-025	4
834	Markus Mueller	43	CO	44:33:23	M	07-080	3
835	Mike Dobies	44	MI	44:34:28	M	05-039	9
836	Michael Bur	40	MD	44:34:28	M	05-040	4
837	Andrew Hewat	45	AUS	44:34:33	M	08-072	3
838	David Pease	44	UT	44:34:33	M	07-081	4
839	Rickie Redland	47	WY	44:34:53	F	01-049	9
840	Jeff Nielsen	46	UT	44:36:10	M	08-073	3
841	Tom Rowe	56	MT	44:36:17	M	04-055	4
842	Sherry Kae Mahieu	49	NM	44:36:52	F	04-056	6
843	Dick West	51	MI	44:37:12	M	93-020T	8
844	Eugene Trahern	30	WA	44:37:12	M	93-020T	8
845	Kristen Kern	43	NM	44:37:58	M	08-074	10
846	Ulrich Kamm	45	GER	44:38:15	M	93-022	10
847	Craig Slagel	36	CA	44:39:59	M	08-075	3
848	Rich DeSimone	60	MT	44:41:00	M	11-062	3

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
849	John McGrew	38	CO	44:41:00	M	96-025	3
850	Andrew Matulionis	39	MT	44:41:22	M	04-057	2
851	John DeWalt	67	PA	44:44:44	M	03-046	14
852	Rockford Cogar	51	CO	44:45:14	M	06-060	1
853	Mike Thomas	45	CO	44:45:20	M	06-061	2
854	James Hurley	32	OH	44:45:54	M	00-045	3
855	Cliff Davies	59	CAN	44:46:16	M	94-024T	2
856	Rolly Partelance	51	CAN	44:46:16	M	94-024T	2
857	John Nale	48	CO	44:46:16	M	94-024T	2
858	Joe Salette	61	CO	44:47:00	M	11-067	3
859	Kirk McCarville	52	AZ	44:47:31	M	06-062	2
860	Richard Szekeresh	42	OH	44:47:57	M	03-047	2
861	Chuck Kroger	58	CO	44:48:10	M	04-058	6
862	Dick Curtis	52	CO	44:48:45	M	97-030	5
863	Don Thompson	55	CO	44:48:49	M	93-023	3
864	Bud Phillips	56	CA	44:48:57	M	03-048T	5
865	Gary Cuffin	52	CO	44:48:57	M	03-048T	2
866	Richard Huff	45	CO	44:49:26	M	04-059	6
867	Mike Dobies	38	MI	44:50:00	M	99-047	9
868	Mike Mason	41	NC	44:51:00	M	11-063	3
869	Nigel Finney	52	MN	44:51:20	M	99-048	5
870	Jim Baker	53	OK	44:52:20	M	03-050	4
871	Rollin Perry	64	IA	44:53:23	M	03-051T	7
872	Joe Prusaitis	48	TX	44:53:23	M	03-051T	7
873	Larry Alire	51	CO	44:53:58	M	98-026T	2
874	Phil Kahn	45	CO	44:53:58	M	98-026T	4
875	Chris Twigg	35	FL	44:54:01	M	06-063	7
876	Jean-Francois Geiss	56	FR	44:54:22	M	09-082T	4
877	Michael Bur	44	MD	44:54:22	M	09-082T	4
878	Dick Curtis	56	CO	44:54:29	M	01-050	5
879	Ken DeBeer	49	MO	44:55:28	M	00-046	6
880	Rich Haeefle	40	CO	44:57:45	M	07-082	4
881	Andrea Wiegand	25	NE	44:58:11	F	06-064	2
882	Jon MacManus	53	CO	44:58:11	M	04-060	2
883	Diane Ridgway	47	CO	44:58:45	F	96-026	2
884	Matt Mahoney	45	FL	45:00:03	M	01-051	4
885	Rick Hodges	56	CA	45:03:49	M	05-041	7
886	Larry Hall	55	IL	45:05:32	M	09-084	5
887	Colin Kingsford	58	UK	45:05:58	M	00-047	7
888	Diane Van Deren	44	CO	45:06:31	F	04-061	7
889	John DeWalt	68	PA	45:06:33	M	04-062	14
890	John DeWalt	61	PA	45:06:54	M	97-031	14
891	Michael Bur	45	MD	45:07:26	M	10-080	4
892	Jean Paul Otmani	45	FR	45:09:06	M	08-076	6
893	Andrea Feucht	31	NM	45:10:35	F	05-042	2
894	Kerry Collings	49	UT	45:11:46	M	98-028	7
895	Jan Gnass	49	CA	45:12:25	M	99-049	2
896	Rodger Wrublik	54	CO	45:13:00	M	11-064	6
897	Neil Blake	46	NM	45:13:00	M	11-065	5
898	Kristina Irvin	50	CA	45:15:48	F	08-077	7
899	Geoff Scott	57	NC	45:16:36	M	05-043	3
900	Rick Hodges	52	CA	45:17:15	M	01-052	7
901	Jerry Bloom	54	CA	45:17:25	M	07-083	3
902	Ken Ward	54	OR	45:18:00	M	11-066	3
903	Michelle Schwartz	41	CO	45:18:03	F	09-085	3
904	Don Platt	53	CO	45:18:30	M	07-084	6
905	Lori Bantekas	40	WY	45:18:56	F	09-086	6
906	Jean-Francois Geiss	55	FR	45:18:58	M	08-078	4
907	John DeWalt	69	PA	45:20:18	M	05-044	14
908	Jan Gnass	54	CA	45:20:20	M	03-053	2
909	Geoff Miller	36	CO	45:21:22	M	94-026	4
910	Marc Witkes	35	CO	45:21:42	M	01-053	3
911	Allen Czecholinski	49	WI	45:22:25	M	96-027	2
912	Thomas Schnitzius	55	CO	45:23:42	M	08-079	4
913	Dave Capron	55	CA	45:23:45	M	00-048	3
914	Hans-Dieter						
914	Weisshaar	60	GER	45:23:46	M	00-049	7
915	David Gordon	59	CA	45:24:14	M	05-045	3
916	Howie Stern	37	CA	45:24:42	M	06-065	4
917	Roger Ackerman	62	GA	45:24:48	M	08-080	3
918	Brick Robbins	38	CA	45:25:07	M	98-029	3
919	Emily (Baer) Loman	23	CO	45:27:50	F	99-050T	5
920	Kerry Collings	50	UT	45:27:50	M	99-050T	7
921	Joe Prusaitis	50	TX	45:27:55	M	05-046	7
922	Pat Helmvig	47	CO	45:27:59	M	06-066	3
923	Mark Swanson	50	CA	45:28:16	M	04-063	3
924	Kerry Collings	55	UT	45:28:18	M	04-064	7
925	Mark Heaphy	37	MT	45:29:14	M	00-050	13
926	Margaret Heaphy	44	MT	45:29:15	F	00-051	10
927	Rick						

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
942	Matt Hornung	39	CO	45:42:07	M	96-029T	2
943	Wendell Doman	46	CA	45:43:26	M	06-068	4
944	Susan Gardner	36	NM	45:44:36	F	00-052	2
945	Jason Hodde	28	IN	45:45:07	M	98-030	
946	Kristina Irvin	47	CA	45:45:46	F	05-048	7
947	Nancy Hamilton	43	MD	45:47	F	92-011T	
948	Rick Hamilton	42	MD	45:47	M	92-011T	
949	Mike Thomas	37	CO	45:47:38	M	99-052	2
950	Max Welker	59	WA	45:47:47	M	01-057	
951	Dennis Drey	58	NM	45:50:50	M	10-083	8
952	Scott Sullivan	45	CA	45:52:16	M	04-067	
953	Lance Johnson	37	NM	45:53:26	M	03-054	4
954	Kevin O'Grady	34	OH	45:53:43	M	93-024	3
955	Bruce Grant	46	CAN	45:55:00	M	11-068	5
956	Aron Ralston	30	CO	45:55:49	M	05-049	
957	Rollin Perry	60	IA	45:56:12	M	99-053	7
958	Rickie Redland	54	CO	45:58:18	F	08-083	9
959	Kristen Kern	40	NM	45:58:47	M	05-050	10
960	Bob Combs	42	OH	46:00:29	M	09-087	3
961	Daniel Benhammou	27	CO	46:00:37	M	07-086	4
962	Andrew Hewat	47	AUS	46:01:17	M	10-084	3
963	Rickie Redland	55	CO	46:01:57	F	09-088	9
964	Robert Andruis	41	AZ	46:02:24	M	09-089	5
965	Rick Hodges	60	CO	46:02:44	M	09-090	7
966	Ulrich Kamm	44	GER	46:03	M	92-013	10
967	Kevin O'Grady	33	OH	46:03	M	92-014	3
968	Nancy Halpin	43	NM	46:04:00	F	03-055	
969	Ron Ely	35	MD	46:04:15	M	06-069	
970	Robert Andruis	44	AZ	46:05:00	M	11-069	5
971	Ulrich Kamm	54	CO	46:06:58	M	01-058	10
972	Dick Curtis	55	CO	46:07:12	M	00-053	5
973	Larry Hall	54	IL	46:07:45	M	08-084	5
974	Julie Westland-Litus	38	CO	46:08:15	F	96-032T	4
975	Charles Haraway	48	CO	46:08:15	M	96-032T	
976	Richard Hypio	40	CO	46:08:15	M	96-032T	
977	Clark Chesbro	35	CO	46:08:15	M	96-032T	2
978	Rick Pearcy	53	CO	46:08:59	M	06-070	3
979	Zane Smith	37	TN	46:08:59	M	10-085	
980	Olga Varlamova	39	OR	46:09:19	F	09-091	
981	Robert Andruis	42	AZ	46:12:14	M	10-086	5
982	Kean Hankins	44	NC	46:12:26	M	10-087	
983	Dick Curtis	59	CO	46:14:10	M	04-068	5
984	Kristina Irvin	48	CA	46:14:56	F	06-071	7
985	Carl Yates	65	CO	46:15:26	M	93-025	
986	Kerry Collings	61	UT	46:15:36	M	10-088	7
987	Liz Bauer	49	GA	46:17:17	F	08-085	4
988	Ginny LaForme	49	NM	46:17:25	F	99-054	3
989	Weishaar	65	GER	46:17:31	M	05-051	7
990	Frank Banton	40	OR	46:18:09	M	09-092	
991	Paul Gross	44	CO	46:18:29	M	08-086	2
992	Cathy Tibbetts	49	NM	46:18:32	F	03-056	
993	Jose Wilkie	31	KY	46:19:14	M	94-027	
994	Scott Smith	37	UT	46:19:31	M	99-055	
995	Ken Gordon	46	NM	46:21:00	M	11-070	2
996	Kerry Collings	52	UT	46:21:27	M	01-059T	7
997	Duane Nelson	44	OR	46:21:27	M	01-059T	4
998	Rollin Perry	57	IA	46:21:40	M	96-035	7
999	Roland Martin	43	NV	46:24	M	92-015	
1000	Molly Gibb	42	CO	46:25:35	F	03-057	
1001	Clark Chesbro	33	CO	46:26:03	M	94-028	2
1002	John Sharp	32	TX	46:26:15	M	10-089	
1003	Weishaar	67	GER	46:27:01	M	07-087	7
1004	Bert Meyer	51	CT	46:27:22	M	96-036	4
1005	Jack Jewell	55	CO	46:27:36	M	08-087	
1006	Paul Gross	42	CO	46:27:52	M	06-072	2
1007	Rollin Perry	61	IA	46:28:40	M	00-054	7
1008	Mike Ehrlich	41	CO	46:29:55	M	04-069	11
1009	Ulrich Kamm	48	GER	46:30:22	M	96-037T	10
1010	Dana Roueche	39	CO	46:30:22	M	96-037T	2
1011	Rich Limacher	53	IL	46:31:16	M	03-058	
1012	David Goldberg	48	AZ	46:31:37	M	08-088	
1013	Dana Roueche	40	CO	46:31:45	M	97-032	2
1014	John DeWalt	62	PA	46:32:36	M	98-031	14
1015	Ulrich Kamm	56	CO	46:32:50	M	03-059	10
1016	Kristen Kern	47	NM	46:33:00	M	11-071	10
1017	Chris Seiler	37	CA	46:33:24	M	08-089	
1018	Craig Wilson	58	ME	46:35:53	M	07-088	5
1019	Chuck Kroger	60	CO	46:35:54	M	06-073	6
1020	Pat Homelvig	51	CO	46:36:17	M	10-090	3
1021	David King	55	NC	46:36:42	M	01-061	
1022	Todd Burgess	32	CO	46:37:49	M	01-062	2
1023	Chuck Kroger	59	CO	46:38:00	M	05-052	6
1024	Rex Stickland	59	UK	46:39:47	M	03-060T	
1025	Andrew Addis	48	UK	46:39:47	M	03-060T	2
1026	Daniel Probst	28	WA	46:40:12	M	07-089	
1027	Joe Prusaitis	49	TX	46:42:03	M	04-070	7
1028	Keith Knipling	32	IL	46:42:23	M	08-090	2
1029	Don Platt	55	CO	46:42:33	M	09-093	6
1030	Margaret Heaphy	49	MT	46:43:42	F	05-053	10
1031	Chad Carson	46	UT	46:44:27	M	05-054	2
1032	Richard Szekeresh	47	OH	46:44:52	M	08-091	2
1033	Greg Loomis	34	VA	46:44:59	M	08-092	2
1034	Suzi Thibeault	49	CA	46:45:28	F	97-033	

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
1035	Rickie Redland	51	CO	46:45:29	F	05-055	9
1036	Diane Van Deren	45	CO	46:45:29	F	05-056	7
1037	Rollin Perry	59	IA	46:45:54	M	98-032T	7
1038	Jim Ballard	48	MT	46:45:54	M	98-032T	5
1039	Rollin Perry	58	IA	46:45:56	M	97-034	7
1040	Robert Andruis	40	AZ	46:46:32	M	08-093	5
1041	Julie Westland-Litus	34	CO	46:47	F	92-016	4
1042	Mike Smith	49	IN	46:49:08	M	07-090	2
1043	Nick Williams	51	AR	46:49:10	M	94-029	2
1044	John Prohira	53	NY	46:49:38	M	07-091	
1045	Kerry Collings	60	UT	46:49:42	M	09-094	7
1046	Scott Snyder	55	CO	46:50:23	M	10-091	
1047	Larry Hall	57	IL	46:51:00	M	11-072	5
1048	Steve Tilley	50	AR	46:51:09	M	97-035	2
1049	Doug Gimenez	55	TX	46:52:32	M	06-074T	
1050	Joe Prusaitis	52	TX	46:52:32	M	06-074T	7
1051	Kristina Irvin	52	CA	46:54:07	F	10-092	7
1052	Rollin Perry	62	IA	46:54:46	M	01-063	7
1053	Wendell Doman	45	CA	46:54:50	M	05-057	4
1054	Nigel Finney	59	MN	46:55:10	M	05-058	5
1055	Thomas Knutson	55	MN	46:55:10	M	05-059	4
1056	Jim Ballard	51	OR	46:55:25	M	01-064	5
1057	Dan Whittemore	45	NH	46:56:13	M	97-036	
1058	Ben Benjamin	59	OR	46:56:28	M	06-076	
1059	Margaret Heaphy	51	MT	46:56:35	F	07-092	10
1060	Douglas Long	29	HI	46:57:00	M	11-073	
1061	Thomas Schnitzius	56	CO	46:57:03	M	09-095	4
1062	John DeWalt	60	PA	46:58:23	M	96-039T	14
1063	Kawika Spaulding	42	HI	46:58:23	M	96-039T	
1064	Mark Heaphy	43	MT	46:58:48	M	06-077	13
1065	Rick Pearcy	57	CO	46:59:09	M	10-093	3
1066	Scott Olmer	34	CO	46:59:21	M	05-060	7
1067	Kerry Collings	54	UT	46:59:26	M	03-062T	7
1068	Duane Nelson	46	OR	46:59:26	M	03-062T	4
1069	Virgil Best	40	CO	47:00:00	M	03-064	
1070	James Ficke	50	TX	47:01:00	M	11-074	
1071	Charlie Thorn	59	NM	47:02:17	M	05-061	10
1072	Martin Miller	53	MT	47:02:37	M	05-062	2
1073	Nigel Finney	57	MN	47:02:47	M	03-065	5
1074	Bob Combs	39	OH	47:02:50	M	06-078	3
1075	Ulrich Kamm	49	CO	47:03:10	M	97-037T	10
1076	Jim Ballard	47	MT	47:03:10	M	97-037T	5
1077	Stephane Marchand	37	FR	47:03:29	M	10-094	
1078	Deb Pero	49	NH	47:03:36	F	03-066	
1079	Tom Rowe	57	MT	47:03:42	M	05-063	4
1080	Robert Andruis	39	AZ	47:04:24	M	07-093	5
1081	Lance Goss	60	CO	47:06:38	M	05-064	2
1082	Tony Grappo	43	NV	47:08:53	M	94-030	
1083	Jim Magill	59	CA	47:09:31	M	05-065	
1084	Kirk Boisseree	48	CA	47:11:03	M	05-066	2
1085	Scott Brockmeier	46	GA	47:11:07	M	08-094	6
1086	Wood	36	CA	47:11:23	F	00-055	
1087	Margaret Heaphy	54	MT	47:12:37	F	10-095	10
1088	Aki Inoue	36	JP	47:13:46	M	00-056	
1089	Don Thompson	54	CO	47:15	M	92-017	3
1090	Susan Gardner	46	NM	47:15:21	F	10-096	2
1091	Stephen Cross	58	CA	47:15:36	M	06-079	
1092	Patty Bryant	49	CA	47:15:49	F	09-096	
1093	Alfred Kroeger	33	CO	47:15:51	M	93-026	3
1094	Marty Fritzhand	67	OH	47:16:11	M	10-097	
1095	Pat Homelvig	50	CO	47:16:22	M	09-097	3
1096	Mike Smith	52	IN	47:18:50	M	10-098	2
1097	Ryan Martin	42	CO	47:19:00	M	11-075	
1098	Dick Curtis	53	CO	47:19:19	M	98-034	5
1099	Jean-Francois Geiss	52	FR	47:19:36	M	05-067	4
1100	Duane Nelson	49	OR	47:19:49	M	06-080	4
1101	Rick Hodges	61	CO	47:20:22	M	10-099	7
1102	Alfred Kroeger	34	CO	47:21:12	M	94-031	3
1103	Margaret Heaphy	47	MT	47:21:29	F	03-067	10
1104	Matt Mahoney	48	FL	47:21:30	M	04-071	4
1105	Stan Ferguson	48	AR	47:23:00	M	11-076	2
1106	Duane Nelson	52	OR	47:26:32	M	09-098	4
1107	Ulrich Kamm	53	CO	47:26:44	M	00-057	10
1108	Don Thompson	56	CO	47:27:30	M	94-032	3
1109	Rich Haefele	37	CO	47:28:41	M	04-072	4
1110	Wolfgang Hoefle	51	GER	47:30:00	M	11-077	
1111	Scott Tomchick	46	WA	47:31:00	M	11-078	
1112	Gary Wright	48	WA	47:31:10	M	99-056	
1113	Ulrich Kamm	51	CO	47:31:30	M	99-057T	10
1114	Jim Ballard	49	MT	47:31:30	M	99-057T	5
1115	Andrew Barney	36	UT	47:33:			

Hardrock Hundred Historical Results (as of 7/13/11)

Place	Name	Age	State	Time	Sex	Year-Place	Number Finished
1129	Steve Peterson	50	OR	47:41:41	M	04-074	2
1130	Shihab Shamma	50	DC	47:42:04	M	04-075	
1131	Jim Ballard	54	OR	47:42:21	M	04-076	5
1132	Lee Schmidt	54	CA	47:43:48	M	94-033	
1133	Ulrich Kamm Hans-Dieter	57	CO	47:45:20	M	04-077	10
1134	Weisshaar	63	GER	47:45:32	M	03-069	7
1135	Ulrich Kamm	46	GER	47:46:26	M	94-034T	10
1136	Martyn Greaves	34	UK	47:46:26	M	94-034T	2
1137	David Pease	42	UT	47:46:33	M	05-068	4
1138	John DeWalt	73	PA	47:47:17	M	09-101	14
1139	Tom Nyce	45	AZ	47:47:33	M	04-078	
1140	Lonney Vogt	53	CO	47:47:49	M	07-097	
1141	Rick Pearcy	56	CO	47:48:47	M	09-102	3
1142	Conrad Cole	50	CO	47:48:59	M	00-059	
1143	Bozena Maslanka	34	CA	47:49:32	F	00-060	2
1144	John DeWalt	70	PA	47:49:52	M	06-081	14
1145	Bozena Maslanka	32	CA	47:49:59	F	98-038	2
1146	Joel Zucker	43	NY	47:50:01	M	97-039	3
1147	Jennifer Roach	51	CO	47:50:03	F	04-079	3
1148	John DeWalt	58	PA	47:50:21	M	94-036T	14
1149	Kevin O'Grady	35	OH	47:50:21	M	94-036T	3
1150	Joel Zucker	42	NY	47:50:41	M	96-041	3
1151	Rich Haefele	38	CO	47:50:52	M	05-069	4
1152	Roger Wiegand	56	NE	47:51:25	M	99-059	
1153	Jerry Bloom	52	CA	47:52:40	M	05-070	3
1154	Steve Peterson	54	OR	47:53:28	M	08-095	2
1155	Margaret Heaphy	48	MT	47:54:13	F	04-080	10
1156	Richard Hayes	54	CA	47:54:13	M	05-071	
1157	Rich Haefele	41	CO	47:54:27	M	08-096	4
1158	Jennifer Roach	56	CO	47:54:53	F	09-103	3
1159	John DeWalt	72	PA	47:54:58	M	08-097	14
1160	Leonard Martin	56	TN	47:55:58	M	09-104	
1161	Margaret Heaphy	53	MT	47:56:34	F	09-105	10
1162	Jennifer Roach	57	CO	47:57:06	F	10-100	3
1163	Allie Wood	47	MT	47:57:40	F	08-098	
1164	Richard Senelly	52	HI	47:59:35	M	96-042	

Fact Sheet for the Hardrock Hundred
Start & finish in Silverton, CO, elevation 9310.
PO Box 55, Silverton, CO 81433

(Ver140CT11)

	Overall/ Record	1992 1 st annual	1993 2 nd annual	1994 3 rd annual	1995 4 th annual	1996 5 th annual
Date	NA	July 10-12	July 9-11	July 8-10	July 7-9	July 12-14
Course length (miles)	NA	98.8	100.6	101.1	Cancelled due to SNOW	101.3
Surface: cross country	NA	8.9	9.4	10.5		12.7
Surface: trail	NA	67.9	67.3	77.8		76.2
Surface: jeep road	NA	Jeep & trail combined	Jeep & trail combined	Jeep & trail combined		Jeep & trail combined
Surface: dirt road	NA	18.0	20	11.5		11.2
Surface: pavement	NA	4.0	3.9	1.4		1.3
Course climb (feet)	NA	29,684	29,849	32,700		33,008
Average altitude (feet)	NA	11,109	11,160	11,172		11,186
High altitude (feet)	NA	14,048 - Handies	14,048 - Handies	14,048 - Handies		14,048 - Handies
Low altitude (feet)	NA	7,850 - Ouray	7,680 - Ouray	7,680 - Ouray		7,680 - Ouray
Weather	NA	Pt cloudy to cloudy. 1st night sleet, 2nd day & night showers	Pt cloudy to cloudy	Clear to pt cloudy		Clear to pt cloudy to cloudy, light showers on 2nd day
Number of aid stations	NA	12	13	12		13
Permit limit	NA	100	100	100		100
Number on Wait List - All	NA	NA	NA	NA		NA
Number on Wait List - Men	NA	NA	NA	NA		NA
Number on Wait List - Women	NA	NA	NA	NA		NA
Highest Wait List Start Number	NA	NA	NA	NA		NA
Number of starters	1958	42	35	75		91
Number & % finished	1164, 59.4%	18, 43%	26, 74%	37, 49%		42, 46%
Number of different finishers to date	515	18	33	55		82
First male, age, year, & time	Kyle Skaggs, 23,'08,23:23:30	Dave Horton, 42, 32:34	Dave Horton, 43, 29:35:48	Scott Hirst, 33, 32:00:13		Rick Trujillo, 48, 30:44:17
First female, age, year, & time	Diana Finkel, 37,'09,27:18:24	Nancy Hamilton, 43, 45:47	Margaret Smith, 37, 41:38:38	Margaret Smith, 38, 38:43:09		Betsy Kalmeyer, 35, 40:43:13
Median finish time	40:40:53	44:02	41:13:45	42:59:59		43:48:16
Average finish time	40:08:42	42:04:20	40:15:41	41:50:13		41:45:24
Greatest average Climb rate (ft/hr)	1409	916	1009	1022		1074
Average age - top five, last five finishers	33.0 53.0	44.8 42.0	37.8 46.4	36.8 45.8		39.4 47.2
Average age - all finishers	44.6	41.7	41.7	41.9		43.5
Age of oldest & youngest finishers	73 21	54 29	65 30	59 27		64 31
Number of male finishers	1031	16	24	34		38
Number of female finishers	133	2	2	3		4
References/articles	NA	Sep 92, UR	Sep 93, UR	Sep 94, UR		Sep 96, UR

WWW site: <http://www.hardrock100.com/>

Fact Sheet for the Hardrock Hundred
Start & finish in Silverton, CO, elevation 9310.
PO Box 55, Silverton, CO 81433

(Ver140CT11)

	Overall/ Record	1997 6th Annual	1998 7th Annual	1999 8th Annual	2000 9th Annual	2001 10th Annual
Date	NA	July 11-13	July 10-12	July 9-11	July 7-9	July 13-15
Course length (miles)	NA	101.3	101.3	101.7	101.7	100
Surface: cross country	NA	12.7	12.7	10.7	10.7	8.4
Surface: trail	NA	76.2	77.2	52.1	52.1	51.1
Surface: jeep road	NA	Jeep & trail combined	Jeep & trail combined	26.1	26.1	23.5
Surface: dirt road	NA	11.2	11.2	12.4	12.4	16.7
Surface: pavement	NA	1.3	0.3	0.4	0.4	0.3
Course climb (feet)	NA	33,008	33,015	33,005	33,005	33,000
Average altitude (feet)	NA	11,186	11,186	11,022	11,022	11,006
High altitude (feet)	NA	14,048 - Handies	14,048 - Handies	14,048 - Handies	14,048 - Handies	14,048 - Handies
Low altitude (feet)	NA	7,680 - Ouray	7,680 - Ouray	7,680 - Ouray	7,680 - Ouray	7850 - Ouray
Weather	NA	Fri-cloudy, cool Fri night-snow storm on Handies, cold, windy Sat-clear, cool, windy Sat night-clear, cool	Fri-early rain, clearing and t-storms w/ hail late afternoon. Sat-clear early, clouds, some rain in afternoon	Fri-overcast with showers in afternoon. Sat-clear morning to partly cloudy afternoon.	Fri-thick overcast and mild all day. Snow & rain showers on Handies with clearing overnight. Sat-clear morning turning to heavy thunderstorms with hail and wind in late afternoon and all night.	Fri-overcast & mild. Showers during day, clearing at night. Sat-partly cloudy to cloudy. Showers and lightning during day.
Number of aid stations	NA	12	13	12	13	12
Permit limit	NA	110	110	110	110	110
Number on Wait List - All	NA	NA	NA	NA	14	NA
Number on Wait List - Men	NA	NA	NA	NA	14	NA
Number on Wait List - Women	NA	NA	NA	NA	0	NA
Highest Wait List Start Number	NA	NA	NA	NA	14	NA
Number of starters	1958	99	82	110	118	118
Number & % finished	1164, 59.4%	39, 39%	38, 46%	59, 54%	60, 51%	64, 54%
Number of different finishers to date	515	99	120	154	181	210
First male, age, year, & time	Kyle Skaggs, 23,'08,23:23:30	Mark C. McDermott, 38, & Mark Hartell, 31, 30:33:31	Ricky Denesik, 38, 30:12:31	Blake Wood, 40, 30:10:58	Kirk Apt, 38, 29:35:00	Karl Meltzer, 33 26:39:35
First female, age, year, & time	Diana Finkel, 37,'09,27:18:24	Laura Vaughan, 31, 37:22:32	Eliza McLean, 32, 40:57:57	Betsy Kalmeyer, 38, 31:55:36	Sue Johnston, 35, 32:20:03	Betsy Kalmeyer, 40, 29:58:00
Median finish time	40:40:53	40:26:28	40:57:57	38:44:55	41:36:21	40:54:54
Average finish time	40:08:42	40:35:21	40:26:48	38:58:55	39:49:21	39:31:10
Greatest average Climb rate (ft/hr)	1409	1080	1093	1094	1116	1238
Average age - top five, last five finishers	33.0 53.0	35.8 46.8	42.0 43.0	38.8 48.2	42.8 40.8	40.2 49.0
Average age - all finishers	44.6	43.5	43.0	43.0	43.2	45.4
Age of oldest & youngest finishers	73 21	61 31	62 28	63 23	64 24	65 27
Number of male finishers	1031	36	34	53	51	57
Number of female finishers	133	3	4	6	9	7
References/articles	NA	Sep 97, UR	Sep 98, UR	Sep 99, UR	Sep 00, UR	

WWW site: <http://www.hardrock100.com/>

Fact Sheet for the Hardrock Hundred
 Start & finish in Silverton, CO, elevation 9310.
 PO Box 55, Silverton, CO 81433

(Ver140CT11)

	Overall/ Record	2002 11th Annual	2003 12th Annual	2004 13th Annual	2005 14th Annual	2006 15th Annual
Date	NA	July 12-14	July 11-13	July 9-11	July 8-10	July 14-16
Course length (miles)	NA	Cancelled due to EXTREME Fire Danger	100.3	101.4	100.4	100.4
Surface: cross country	NA		7.3	10.1	10.5	9.9
Surface: trail	NA		55.4	59.5	61.5	61.5
Surface: jeep road	NA		22.1	19.1	16.5	16.9
Surface: dirt road	NA		15.1	12.3	11.7	11.6
Surface: pavement	NA	0.4	0.4	0.4	0.2	0.4
Course climb (feet)	NA		33,082	33,212	32,992	32,992
Average altitude (feet)	NA		10,989	11,023	11,017	11,017
High altitude (feet)	NA		14,048 - Handies	14,048 - Handies	14,048 - Handies	14,048 - Handies
Low altitude (feet)	NA		7850 - Ouray	7870 - Ouray	7870 - Ouray	7870 - Ouray
Weather	NA		Fri- very warm morning, then hot day, sunny with a couple clouds. Evening was clear and never seemed to cool down. Sat - still hot and almost total sunshine. Evening very warm and clear.	Fri- clear warm morning, overcast by 2 PM, continued overcast until after midnight. Sat- very warm overnight, partly cloudy with sprinkles, clearing after sunrise. Partly cloudy with scattered sprinkles during daytime, very warm evening.	Fri - clear and very warm in morning, overcast building up after 4 PM, light shower over Handies. Sat - below freezing overnight, cooler during daytime and partly cloudy. Mostly clear at night and below freezing above tree line.	Fri - clear and hot before noon, thunderstorm built up from Virginus half way to Ouray; mostly clear overnight. Sat - clear and cool in morning. Squalls of rain, hail, and lightning from Pole Creek to Cunningham in midday. Clear overnight.
Number of aid stations	NA		13	12	13	12
Permit limit	NA		125	125	125	135
Number on Wait List - All	NA		75	74	99	130
Number on Wait List - Men	NA		66	64	87	118
Number on Wait List - Women	NA		9	10	12	12
Highest Wait List Start Number	NA		75	50	28	42
Number of starters	1958		112	125	125	131
Number & % finished	1164, 59.4%		69, 61.6%	80, 64.0%	71, 56.8%	81, 61.8%
Number of different finishers to date	515		235	271	300	331
First male, age, year, & time	Kyle Skaggs, 23,'08,23:23:30		Karl Meltzer, 35, 28:01:55	Paul Sweeney, 38, 30:39:14	Karl Meltzer, 37, 28:29:15	Karl Meltzer, 38, 27:07:55
First female, age, year, & time	Diana Finkel, 37,'09,27:18:24		Betsy Nye, 38, 33:02:28	Betsy Kalmeyer, 43, 32:48:52	Sue Johnston, 40, 32:07:41	Betsy Kalmeyer, 45, 31:53:51
Median finish time	40:40:53		41:46:55	41:57:45	44:01:02	42:11:33
Average finish time	40:08:42		40:35:55	41:04:45	41:10:15	40:40:43
Greatest average Climb rate (ft/hr)	1409		1180	1083	1158	1216
Average age - top five, last five finishers	33.0 53.0		40.4 54.8	40.2 51.2	30.2 47.6	41.2 52.2
Average age - all finishers	44.6		47.6	46.7	44.8	45.9
Age of oldest & youngest finishers	73 21		67 27	68 24	69 25	70 25
Number of male finishers	1031		60	69	62	75
Number of female finishers	133		9	11	9	6
References/articles	NA		Sep 03, UR			

WWW site: <http://www.hardrock100.com/>

Fact Sheet for the Hardrock Hundred
Start & finish in Silverton, CO, elevation 9310.
PO Box 55, Silverton, CO 81433

(Ver140CT11)

	Overall/ Record	2007 16th Annual	2008 17th Annual	2009 18th Annual	2010 19th Annual	2011 20th Annual
Date	NA	July 13-15	July 12-14	July 10-12	July 9-11	July 10-12
Course length (miles)	NA	100.5	100.5	100.5	100.5	102.5
Surface: cross country	NA	9.61	10.5	10.5	10.5	10.5
Surface: trail	NA	62.88	62.1	62.1	62.1	62.6
Surface: jeep road	NA	16.56	16.3	16.3	16.3	16.3
Surface: dirt road	NA	11.26	11.4	11.4	11.4	11.4
Surface: pavement	NA	0.17	0.1	0.1	0.1	1.7
Course climb (feet)	NA	33,050	32962	32962	32962	32962
Average altitude (feet)	NA	11,019	11016	11016	11016	11016
High altitude (feet)	NA	14,048 - Handies	14,048 - Handies	14,048 - Handies	14,048 - Handies	14,048 - Handies
Low altitude (feet)	NA	7,870 - Ouray	7,870 - Ouray	7,870 - Ouray	7,870 - Ouray	7,870 - Ouray
Weather	NA	Fri - Start was mild and partly cloudy. Heavy hailstorm in Pole Creek. Clearing at night. Sat -Mostly sunny and mild day. Mild night.	Fri-clear and warm morning turned into overcast by mid afternoon. Cloudy evening. Sat-Mild and sunny. Warm evening.	Fri-light overcast and mild with thunderstorms in Pole Creek. Evening partly cloudy. Sat-partly cloudy and mild with thunderstorm after dark over Putnam.	Fri-Sunny going to light overcast. Storm in Wasatch Basin. Overcast through evening. Sat-High clouds and cool, ideal running.	Fri-PCloudy to sunny. Severe t-storms over Handies. Sat-PCloudy to sunny. Severe t-storms after dark.
Number of aid stations	NA	13	12	13	12	130
Permit limit	NA	135	140	140	140	140
Number on Wait List - All	NA	149	214	206	289	446
Number on Wait List - Men	NA	129	187	181	246	393
Number on Wait List - Women	NA	20	27	15	43	73
Highest Wait List Start Number	NA	38	99	27	27	36
Number of starters	1958	134	141	140	140	140
Number & % finished	1164, 59.4%	97, 72.4%	98, 69.5%	105, 75.0%	100, 71.4%	18, 57.1%
Number of different finishers to date	515	371	403	441	478	515
First male, age, year, & time	Kyle Skaggs, 23,'08,23:23:30	Scott Jurek, 34,'07,26:08:34	Kyle Skaggs, 23,'08,23:23:30	Karl Meltzer, 41, '09, 24:38:02	Jared Campbell, 30, '10, 27:18:06	Julien Chorier 31, '11, 15:17:00
First female, age, year, & time	Diana Finkel, 37,'09,27:18:24	Krissy Moehl, 30, '07, 29:24:45	Diana Finkel, 36,'08,31:09:40	Diana Finkel, 37,'09,27:18:24	Diana Finkel, 38,'10,28:32:06	Diana Finkel 40, '11, 29:27:00
Median finish time	40:40:53	38:49:40	41:37:12	39:10:00	38:49:46	39:45:00
Average finish time	40:08:42	39:03:32	40:39:41	39:05:16	39:15:17	39:41:53
Greatest average Climb rate (ft/hr)	1409	1267	1409	1339	1207	1304
Average age - top five, last five finishers	33.0 53.0	34.6 51.6	32.2 52.0	38.8 58.8	30.8 56.5	32.4 47.6
Average age - all finishers	44.6	44.5	44.6	45.4	45.7	42.8
Age of oldest & youngest finishers	73 21	71 27	72 21	73 24	67 25	61 21
Number of male finishers	1031	86	88	88	88	72
Number of female finishers	133	11	10	17	12	8
References/articles	NA	Sep 07 UR	Sep 08 UR	Sep 09 UR	Sep 10 UR	Sep 11 UR

WWW site: <http://www.hardrock100.com/>

2012 Hardrock Hundred Start List as of 12/04/11

Tim Adams	Drew Gunn	Kerry Owens
Darcy Africa	Rich Haefele	Gareth Parker
Honey Albrecht	Larry Hall	Timmy Parr
Robert Andrulis	Corey Hanson	Eric Payne
Kirk Apt	Garry Harrington	Nick Pedatella
Darla Askew	Jim Harris	Deb Pero
Cam Baker	Donnie Haubert	Steve Pero
Jim Ballard	Mark Heaphy	Rollin Perry
Jonathan Basham	Roy Heger	Bud Phillips
Jerry Bloom	Rick Hodges	Chad Piala
Steve Bremner	Sheila Huss	Don Platt
Scott Brockmeier	Kristina Irvin	Jason Poole
Gretchen Brugman	Randy Isler	Joe Prusaitis
Levi Burford	Shinsuke Isomura	Mauricio Puerto
Adam Byerly	Clemente Izurieta	Kris Quandt
Jared Campbell	Scott Jaime	Rickie Redland
Jim Campiformio	Julian Jamison	Axel Reissnecker
Noe Castanon	Beat Jegerlehner	Tom Remkes
David Coblentz	Jack Jewell	Jennifer Roach
Kerry Collings	Brian Johnson	Geoff Roes
William Cook	Christian Johnson	Todd Salzer
Bob Crowley	Cory Johnson	Doug Seaver
Dick Curtis	Lance Johnson	John Sharp
Aaron Denberg	Dakota Jones	Billy Simpson
John DeWalt	Betsy Kalmeyer	Alan Smith
Mike Dobies	Kristen Kern	Julian Smith
Dennis Drey	Robert King	Charlie Sperry
Mike Ehrlich	Brad Koenig	Patrick Stewart
Scott Eppelman	Hal Koerner	Edward Strickland
Stuart Erskine	John Koester	Doug Sullivan
Elizabeth Everly	Jason Koop	Jon Teisher
Leah Fein	Larry Kundrik	Drake Tollenaar
James Ficke	David LaDuc	Chris Twiggs
Diana Finkel	Bill Losey	Diane Van Deren
Brian Fisher	Kim Love-Ottobre	James Varner
Ernie Floyd	Dmity Lysenko	Ken Ward
Geoffrey Foote	Ted Mahon	Mike Weigand
Clark Fox	Glen Mangiantini	Hans-Dieter Weisshaar
Devin Gardiner	Brian McNeill	Steve Westlund
Susan Gardner	Karl Meltzer	Jordan Whitlock
Susan Gebhart	Krissy Moehl	Adam Wilcox
Chris Gerber	Tommy Mowchan	David Wilcox
Harris Goodman	Warren Muldoon	David Williams
Ken Gordon	Brian Murray	Allie Wood
Brett Gosney	Ted Nunes	Blake Wood
Joe Grant	Barbara Heidi Olmer	Rodger Wrublik
Dominic Grossman	Scott Olmer	

2012 Hardrock Hundred Ordered Wait List as of 12/04/11

1 John Constan	48 Mark Moran	95 Duane Nelson
2 David Hayes	49 Neal Gorman	96 Margaret Welk
3 John Hart	50 Thomas Schnitzius	97 Todd Gangelhoff
4 Rob Erskine	51 Melinia Cabiles	98 Kevin Twidwell
5 Kenneth Farley	52 Scott Kunz	99 Allen Hadley
6 Andy Jones-Wilkins	53 Jeb Burchenal	100 David Pease
7 Tim Long	54 Eric Lee	
8 Scott Snyder	55 John Fegyveresi	
9 Martin Fritzhand	56 Ian Farris	
10 Loren Wohletz	57 Michael James	
11 Andrew Barney	58 Gary Lukacs	
12 Reid Delman	59 Andrew Heard	
13 Whit Rambach	60 Chris Basford	
14 Simon Gilna	61 Elizabeth Bouquet	
15 Nick Serfass	62 David Wronski	
16 Anton Krupicka	63 Ryan McDonald	
17 Randall Dunn	64 Mike Thomas	
18 Jeason Murphy	65 Travis Liles	
19 Ricky Denesik	66 Andrew Harding	
20 Megan Finnesy	67 Jean Francois Geiss	
21 Harry Harcrow	68 Chihping Fu	
22 Mike Farris	69 Kuni Yamagata	
23 Gary Redwine	70 Flora Krivak-Tetley	
24 Mark Oveson	71 Becky Wheeler	
25 John Wojciechowski	72 David Larson	
26 Rhonda Claridge	73 Ryan McDermott	
27 Borkur Arnason	74 Craig Slagel	
28 Tom Stockton	75 Bill Jordan	
29 Joe Constantino	76 Scott Railton	
30 Stephen Young	77 David Brown	
31 Seth Hales	78 Paul Schoenlaub	
32 Liz Bauer	79 Dwight Worthington	
33 Tetsuro Ogata	80 Jim Sweatt	
34 Charles Leonard	81 Brian Holthausen	
35 Lewis Persons	82 Jeff List	
36 Jeremy Pade	83 Chris Picon	
37 Jordan Hanlon	84 Paul Ralyea	
38 Charlie Vincent	85 Paul Hooge	
39 Nathan Yanko	86 Jeff Browning	
40 Jamil Coury	87 Masahiko Tamakami	
41 Garrett Graubins	88 Gregory Norrander	
42 Barry Oelrich	89 Chad Brackelsberg	
43 Lain Hughes	90 Chris Rennaker	
44 Colleen Ihnken	91 Troy Howard	
45 Todd Cook	92 Diana Widdowson	
46 Heather McNiff	93 Daniel Brenden	
47 Scott Rabb	94 Gretchen Evaul	

Mother Lode Award Winners

Each year the Hardrock Hundred recognizes an individual or group who contribute greatly to the success of our run. The Mother Lode Award is the highest award the Hardrock Hundred gives so if you see these people be sure to congratulate them!!

1992 *Kris Maxfield* Former co-run director. Back when no one was sure this run could be completed or organized, Kris convinced the townspeople of Silverton that this run was something special. She was instrumental in the initial organization and administration of the run. Now she is spending her time being a mom; don't be surprised if you see her on the streets of Silverton.

1993 *Jan King* As one of the original radio operations, Jan helped immensely in establishing the radio network that now is the backbone of our run.. These days you can catch him operating a ham radio or helping pace Gordon Hardman to another Hardrock finish.

1994 *Chistine Bass* As Kris Maxfield's "boss" Christine allowed Kris to spend the time necessary to fine-tune this run. She thought it was so cool that she volunteered as an assistant run director. Christine was also the first Silverton artist to paint her interpretation of the course, a painting we used to help start the tradition of the "finisher's print" that has become a HRH trademark.

1995 *Who Else???* *Mother Nature* – she dumped a "lode" of snow on our course and ruined all the fun for that year!!

1996 *John Cappis* As the only course director this run has ever had John has provided all the runners with more than their share of up's and down's. Seriously, the development of a course such as the Hardrock is no easy task and John has continually worked to improve and refine your tour of the San Juan Mountains.

1997 *Jim Scott* Jim who?? Another one of the behind the scenes people that we could not do without. Jim is a former communications director and was responsible for furthering the communications network and developing the strong cadre of radio operators that you see at every aid station. He now is involved in making sure all the radio equipment is in working order.

1998 *Charlie Thorn* Course marking director, hotel proprietor and one of the key people in the Hardrock organization!! His generosity and commitment to mountain running in general, and his run in particular, cannot be overstated!! If you get lost on the course, don't blame Charlie!

1999 *Carolyn Erdman* As the "unofficial" ambassador and hostess of the HRH, Carolyn has welcomed many a runner to the San Juans. Her enthusiasm and caring spirit epitomize what ultrarunning is all about. Carolyn also acts as an integral HRH link to the Silverton community.

- 2000 *Jim and Maryanna Cusick*** You may not know these two by name but if you have been on the Hardrock course you know their reputation! As the proprietors of the Grouse Gulch aid station, the Cusick's have developed a reputation for having an aid station any hardrock miner would die for. Be sure to check out the menu and ask them about the annual specials!
- 2001 *Lisa Richardson*** Making sure the HRH aid stations are organized, staffed, and stocked with goodies is no easy task, yet Lisa approaches the challenge as she does with most everything else; with a huge smile and an infectious positive outlook. Not only does she serve as aid station coordinator, she also is pretty good at passing out hugs to the male finishers every year at the awards ceremony.
- 2002 *Mother Nature*** again. This time for the extreme fire danger and forest fires in the area.
- 2003 *The Hardman Family & Dale Garland*** In 1991, Gordon's idea started the Hardrock. His family, Molly, Ryan, and Maria have been important components and hard workers for 12 years. Ryan and Marie have literally grown up with the Hardrock. Dale has been Co-RD and RD from the beginning. His enthusiasm, dedication, and hard work have been instrumental in success over the years.
- 2004 *Blake Wood and Rebecca Clark*** As the Hardrock Hundred has moved into the digital age Blake was instrumental in helping develop, maintain and update our communication with the rest of the ultra running world. Rebecca, meanwhile, has consistently been one of the key people in helping organize the check in for Hardrock and her smiling face and knowledge of the event is one of the first things a Hardrock runner sees when they get to Silverton.
- 2005 *Greg and Ilse Hine*** The Hardrock was very fortunate when the Hine's decided to join us. Greg is our co director of communications and has been instrumental in bringing to our communications an increased sense of professionalism and organization. We can also thank Greg for helping develop "Hardrock Live", which allows your friends and family to monitor your progress even if they aren't here to witness it first hand.
- 2006 *Ben McGaha and Harley Murray*** Solar panel batteries, digipeaters, etc. You may not know what these are for but these two men do! Keeping track of all of you would not be possible without the tireless efforts of these two men. Harley and Ben coordinate the placement and upkeep of our communications hardware and system.
- 2007 *Rick Trujillo*** The mountain running exploits of Rick Trujillo are legendary and no one knows the San Juan Mountains better than Rick. So when we conceived the idea of Hardrock he was one of the first people we called to help design the course. Since then he has remained active with Hardrock as a HRH liaison in Ouray as well as serving on the HRH Board of Directors.

- 2008 *Lois MacKenzie*** Lois has brought her energy, passion and organizational expertise to Hardrock as our Aid Station Director. Many a runner has benefited from Lois's unwavering commitment to making sure our aid stations are well stocked and well organized. As a die hard supporter of Hardrock Lois has been a great ambassador for our run among runners and community members alike.
- 2009 *Steve Blaylock*** Helping with radio repeaters, helping set up Hardrock Live, transporting communication equipment to aid stations or taking a turn in the communications center-whenver and wherever Hardrock communication is needed, Steve is there. Steve's energy and commitment to our run is something that has become integral to the success of Hardrock's communication network.
- 2010 *Heidi Schutt*** If you have a t-shirt, sweat shirt, coffee cup or any other memorabilia from Hardrock you have Heidi to thank. Heidi is our merchandise coordinator and has applied her marketing and merchandising skills to make sure we have a wide variety of memorabilia for you to choose from. Thanks to Heidi the Hardrock logo can proudly be seen wherever runners, families and crews want to show it off.
- 2011 *Eric Schmitt*** One of the longstanding aid station captains of Hardrock, Eric has captained and organized the Governors Basin aid station for many years. Eric and the crew that he personally puts together every year epitomize the care, concern and enthusiasm that the Hardrock aid stations have become known for year in and year out.

Hardrock Hundred 15 Year Awards	
1. Kirk Apt ('09)	2. Blake Wood ('10)
3. Randy Isler ('11)	

Hardrock Hundred Ten Year Awards	
1. Kirk Apt ('04)	2. Ulrich Kamm ('04)
3. Blake Wood ('05)	4. John DeWalt ('05)
5. Charlie Thorn ('05)	6. Randy Isler ('06)
7. Betsy Kalmeyer ('08)	8. Mark Heaphy ('08)
9. Tyler Curiel ('09)	10. Roch Horton ('10)
11. Betsy Nye ('10)	12. Mike Ehrlich ('10)
13. Margaret Heaphy ('10)	14. Kris Kern ('11)

Hardrock Hundred Five Year Awards	
1. Randy Rhodes ('97)	2. Ulrich Kamm ('97)
3. Kirk Apt ('98)	4. Gordon Hardman ('98)
5. Blake Wood ('99)	6. Charlie Thorn ('99)
7. Jim Fisher ('99)	8. John DeWalt ('99)
9. Odin Christensen ('99)	10. David Horton ('00)
11. Randy Isler ('00)	12. Rollin Perry ('00)
13. Jan Fiala ('03)	14. Betsy Kalmeyer ('03)
15. Mark Heaphy ('03)	16. Margaret Heaphy ('03)
17. Roch Horton ('04)	18. Tyler Curiel ('04)
19. Kerry Collings ('04)	20. Dick Curtis ('04)
21. Jim Ballard ('04)	22. Betsy Nye ('05)
23. Mike Ehrlich ('05)	24. Mike Dobies ('05)
25. Joe Prusaitis ('05)	26. Chuck Kroger ('05)
27. Nigel Finney ('05)	28. Kris Kern ('06)
29. James Nelson ('06)	30. Ricki Redland ('06)
31. Hans-Dieter Weisshaar ('06)	32. Kristina Irwin ('06)
33. Karl Meltzer ('07)	34. Emily Baer ('07)
35. Scott Mills ('07)	36. Tom Garrison ('07)
37. Don Platt ('07)	38. Rick Hodges ('07)
39. Craig Wilson ('07)	40. Paul Sweeney ('08)
41. Scott Eppelman ('08)	42. Bud Phillips ('08)
43. Dennis Drey ('08)	44. Todd Salzer ('08)
45. Jared Campbell ('09)	46. Billy Simpson ('09)
47. Chris Twiggs ('09)	48. Rodger Wrublik ('09)
49. Scott Olmer ('09)	50. Murray Schart ('09)
51. Diane Van Deren ('09)	52. Scott Jaime ('10)
53. Brett Gosney ('10)	54. Glenn Mackie ('10)
55. Scott Brockmeier ('10)	56. Bruce Grant ('11)
57. Robert Andrulis ('11)	58. Larry Hall ('11)

Hardrock Hundred High Finishers

(as of July 13, 2011)

17 Finishes

Kirk Apt

14 Finishes

John DeWalt

11 Finishes

Tyler Curiel

Betsy Nye

Mike Ehrlich

10 Finishes

Charlie Thorn
Margaret Heaphy

Roch Horton

Ulli Kamm

Kris Kern

9 Finishes

Mike Dobies

Rickie Redland

8 Finishes

Gordon Hardman

Dennis Drey

7 Finishes

Hans-Dieter Weisshaar

Joe Prusaitis

Kerry Collings

Kristina Irvin

Odin Christensen

Rick Hodges

Rollin Perry

Chris Twiggs

Diane Van Deren

Scott Eppleman

Scott Olmer

Todd Salzer

16 Finishes

Blake Wood

13 Finishes

Mark Heaphy

6 Finishes

Chuck Kroger

Don Platt

James Nelson

Jan Fiala

Jared Campbell

Karl Meltzer

Murry Schart

Paul Sweeney

Billy Simpson

Brett Gosney

Rodger Wrublik

Scott Brockmeier

5 Finishes

Bud Phillips

Craig Wilson

David Horton

Dick Curtis

Emily Baer

Glenn Mackie

Jim Ballard

Jim Fisher

Nigel Finney

Randy Rhodes

Scott Jaime

Scott Mills

Tom Garrison

Bruce Grant

Robert Andrulis

Larry Hall

15 Finishes

Randy Isler

12 Finishes

Betsy Kalmeyer

4 Finishes

Allen Hadley

Bert Meyer

Cory Johnson

David Coblentz

Dennis Herr

Duane Nelson

Geoff Miller

Howie Stern

Jean-Francois Geiss

Jim Baker

Julie Westlund

Lance Johnson

Liz Bauer

Matt Mahoney

Michael Bur

Mike Burke

Neal Taylor

Phil Kahn

Randy Wojno

Rich Haefele

Ricky Denesik

Thomas Knutson

Thomas Schnitzius

Tom Hayes-McGoff

Tom Rowe

Wendell Doman

Ted Mahon

Greg Hartman

David Pease

Daniel Benhammou

Diana Finkel

John Hallsten

Hardrock Hundred Summary Table of Finishes

	Year Total Finishes to Date	Different Finishers to Date	Number of Finishers through Each Year (for the indicated number of finishes)																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1992	18	18	18																
1993	44	33	22	11															
1994	81	55	35	14	6														
1996	123	82	58	10	11	3													
1997	162	99	64	19	10	4	2												
1998	200	120	78	20	10	8	4												
1999	259	154	101	28	10	6	6	3											
2000	319	181	110	40	16	3	6	3	3										
2001	383	210	129	39	20	10	4	2	4	2									
2003	452	235	134	52	21	12	8	0	3	3	2								
2004	532	271	161	47	30	12	8	5	2	1	3	2							
2005	603	300	178	54	25	16	13	3	7	9	1	4	1						
2006	684	331	189	68	26	16	12	7	5	2	0	3	2	1					
2007	781	371	213	72	32	15	15	7	7	2	2	2	1	2	1				
2008	879	403	221	84	35	19	19	4	7	5	1	4	0	1	2	1			
2009	984	441	238	95	36	21	20	10	5	2	5	3	2	0	1	2	1		
2010	1084	478	266	90	38	29	17	13	8	1	3	6	1	2	0	2	1	1	
2011	1164	515	290	99	36	32	16	12	12	2	2	5	3	1	1	1	1	1	

Easy Reference Schedule of Events

The planned program is below. We are going to be working hard the two weeks or so before the run, finalizing and marking the course, and taking care of last minute details. However, no detailed schedule is provided here. If you are involved with these activities (or would like to be) coordinate with the appropriate person (Dale, Lois, or Charlie). The course marking schedule is included in Section 9 of the Runners' Manual.

Wednesday, July 4, 2012

When	What	Where
0700	Silverton Blue Ribbon 10 K Race	Memorial Park
1000	4 th of July Parade – Featuring the Hardrock Precision Marching Team – You are invited!!	Main Street

Friday, Saturday, & Sunday, July 6-8, 2012

When	What	Where
Friday, 8 AM	Trail Work	Ouray Bear Creek Tunnel
Sunday	Trail Work	To be announced

Wednesday, July 11, 2012

When	What	Where
1200-1600	Runner check-in	Silverton High School gym
1300-1600	Pot Lick	Memorial Park
1600	Trail briefing - voluntary loooooong version	TBD

Thursday, July 12, 2012

When	What	Where
0800-1100*	Runner check-in	Silverton High School gym
1200	Mandatory runner briefing	Silverton High School gym
1400	Volunteer briefing	Silverton High School gym
1500	Drop bag deadline	Silverton High School gym
TBD	Fund raiser dinner	TBD

* All runners must check in by 1100 hours or lose their entry in the run.

Friday, July 13, 2012

When	What	Where
0400	Breakfast	Local restaurants – to be announced
0500	Mandatory runner check-in	Silverton High School gym
0600	Start	Silverton High School gym

Saturday, July 14, 2012

When	What	Where
On-going	Still busy/info available	Silverton High School gym

Sunday, July 15, 2012

When	What	Where
0600	Last official finisher arrives	Silverton High School gym
0700	Runner and S&R status summary	Silverton High School gym
0900	Awards banquet/ceremony	Silverton High School gym
1200	End of runner activities	Silverton High School gym