

Silverton, Telluride, Ouray, Lake City
Clockwise Direction
"Esse quam videri"

## 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 runner at CREW ACCESS AID STATIONS ONLY except that, for the CCW direction, pacers are allowed to start pacing at KT if they hike in to the aid station on their own.
10. Parking restrictions apply. See section 4.2 of this manual.
11. You must kiss the HARDROCK upon your successful completion of the run.

# Hardrock Hundred Runners Manual 

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## 1. Introduction

Welcome to the Twentieth running of the Hardrock Hundred! This manual provides Hardrock Hundred runners and their crews with information to help in preparing for the 2014 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 $12^{\text {th }}$ 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 2013.
2. Photos from previous years' runs. URLs for many photo sites are provided at the Hardrock web site.
3. Colorado's Fourteener's, 3ed. by Gerry Roach (Fulcrum, 2011). 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 $12^{\text {th }}$ 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 2014 course is similar to that of 2013 except run in the opposite direction.
All sections of the course are subject to change because of snow, avalanche damage, rockslides, politics, 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 is often 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 | Emergency blanket |
| :--- | :--- | :--- | :--- |
| Warm-up suit | Flashlights | Gloves | Water bottles |
| Running hat/cap | Spare batteries \& spare bulbs | Sun block | Extra drop bag gear |
| Whistle | Clothing for rain and snow and temperatures below freezing |  |  |

## Cup - Aid Stations will NOT provide cups for drinking so plan to bring your own

## 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

Our permitting agencies (the BLM and USFS) have suggested that we reduce our impact on other users of the San Juans by limiting the number of vehicles accessing some of our aid stations - complaints have been received that crews were blocking or restricting the flow of traffic on some popular routes.

As we are beginning the process of developing an Environmental Assessment for the Hardrock Hundred, we have decided to get ahead of this issue and hence will implement the following crew access restrictions this summer:

Runners will be issued a single crew pass, allowing one vehicle to park at the Grouse Gulch and Chapman aid stations. Similar passes will be available for volunteers and media. The restricted area will be flagged, and each of these aid stations will have a traffic director. Any vehicle can transit the area, but vehicles without a crew pass will be asked to park outside the flagged area, preferably in a dispersed manner up and down the road, and walk to the aid station. In addition, Chapman Gulch is NOT a crew access area. NO crew access is allowed and any crew found parking on Ophir Pass Road risks having their runner disqualified.

Crews are encouraged to share rides and carpool to the aid stations. We will designate pickup locations where crews or spectators in extra vehicles can await rides, and we will encourage crews that do have passes to pick them up.

We have NOT asked our aid station personnel to wield a heavy hand in enforcement. However, our aid station captains have always had the power to recommend disqualification of runners whose crew behave badly or refuse to follow aid station rules. This policy will remain in force.

We ask all members of the "Hardrock Family" to be aware of and try to minimize their impact on other users of the "Alpine Triangle". This is critical to our being able to hold the Hardrock Hundred in the future.

### 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 Cunningham Gulch, Sherman, Grouse Gulch, Ouray, Telluride, Chapman 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. 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
Day backpack
Pen and paper
Gloves
Snacks/meals
This Manual
Colorado Hiking Certificate (Search \& Rescue insurance)

Flashlight
Water bottle
Hat
Dry change of clothes
Book/magazine to read
Insect repellent
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
Potato chips
Cookies
Soup
Coca-Cola products

| Sandwiches | Pretzels |
| :--- | :--- |
| Chicken or beef bouillon | Hard candies |
| Coffee, tea, and hot chocolate | Soda crackers |
| Bananas | Oatmeal packets |

## 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 breathe 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 $\mathbf{R D}$ or his designee.

## 7. Detailed Run Week 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 Rick). The provisional trail marking schedule is in section 9 of the Runner's Manual.

Friday, July 4, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| 0700 | Silverton Blue Ribbon 10 K Race | Memorial Park |  |
| 1000 | $4^{\text {th }}$ of July Parade | Greene Street | Meet at Courthouse and dress in red, white, and blue. |
| TBD | Rhubarb Festival | Memorial Park |  |
| Dusk | Silverton fireworks show |  |  |
| Saturday, July 5, 2014 |  | Comments |  |
| Time | What | Where | Contact Rick Trujillo |
| TBA | Trail Work | TBA | Comments |
| Sunday, July 6, 2014 |  | Contact Rick Trujillo |  |
| Time | What | Where |  |
| TBA | Trail Work | TBA |  |
| TBA | D\&SNG Train Ride (1 way) | Silverton Train Depot |  |

Tuesday, July 8, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| 0900 | Spouse hike | Silverton School | See where your runner will be running! |
| 1200 | Future Hardrockers Games | Silverton Track | Games for all the future Hardrockers! |
| 1500 | John Dewalt Rememberance | TBA | Share stories and memories. |
| 1730 | Duane Smith, "The Real Hardrockers" | Silverton School | Presentation and Q\&A |


| Wednesday, July 9, 2014 | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| Time | Q\&A with Hardrock Veterans | Silverton School | Panel Q\&A about what is Hardrock |
| 1000 | Runner check-in | Silverton School |  |
| $1200-1600$ | Hardrockers Pot Lick | Memorial Park | Share stories and food. |
| $1300-1530$ | Silverton School |  |  |
| 1600 | Trail briefing-voluntary looooong version | TBA | Scott Jaime's run on the Colorado Trail |
| 1930 | "Running the Colo Trail" Film |  |  |

Thursday, July 10, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| $0800-1100$ | Runner check-in | Silverton School | All runners must check in by 1100 hours or lose <br> their entry in the run. |
| 1200 | Mandatory runner briefing | Silverton School |  |
| 1315 | Hard Block run | Silverton School | Kids run around the block and kiss the Hardrock |
| 1500 | Drop bag deadline | Silverton School |  |
| $1500-1700$ | Hardrock BOD Meet and Greet | Silverton School |  |
| $1800-2000$ | San Juan County S\&R Fund Raiser Dinner | Grumpy's Restaurant | In Grande Imperial Hotel |

Friday, July 11, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| 0430 | Breakfast | Local Restaurants-TBA |  |
| $0500-0545$ | Mandatory runner check-in | Silverton School | Runners not checked in by 0545 will lose their entry. |
| 0600 | Start | Silverton School |  |

Saturday, July 12, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| On-going | Still busy/info available | Silverton School |  |

Sunday, July 13, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| 0600 | Last official finisher | Silverton School |  |
| 0700 | Runner and S\&R status summary | Silverton School |  |
| 0900 | Awards banquet/ceremony | Silverton School |  |
| 1200 | End of runner activities | Silverton School |  |

### 7.2 Aid Station Locations \& Cut-off Times

| Aid Station |  | Access | Mileage | Facility | Crew Access <br> /Drop Bag |
| :--- | :---: | :---: | :--- | :---: | :---: |
| Absolute <br> 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 | 27.8 | RDFWM | Yes/Yes | Fri-2000 |
| Kroger Canteen | Hike | 32.7 | RFW | No/No | None |
| Governor Basin | Auto | 35.9 | RFW | No/No | None |
| Ouray | Auto | 43.9 | RDFWM | Yes/Yes | Sat-0315 |
| Engineer | Hike | 51.9 | RFW | No/No | None |
| Grouse Gulch | Auto | 58.4 | RDFW | Yes/Yes | Sat-1030 |
| Burrows Park | Auto | 67.6 | RFW | No/No | None |
| Sherman | Auto/4WD | 71.9 | RDFW | Yes/Yes | Sat-1630 |
| Pole Creek | Hike | 80.8 | RFW | No/No | None |
| Maggie Gulch | 4WD | 85.1 | RFW | No/No | None |
| Cunningham Gulch | Auto | 91.2 | 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.

## RUNNERS MUST DEPART THE AID STATION BY THE CUTOFF TIME

7.3 Solar and Lunar Data, Mountain Daylight Time at Silverton, CO (W107 $\left.{ }^{\circ} 40^{\prime}, \mathrm{N}_{3} 7^{\circ} 49^{\prime}\right)$

| 2014 | July 11 | July 12 | July 13 |
| :--- | :---: | :---: | :---: |
| Begin astronomical twilight | 0406 | 0407 | 0408 |
| Begin nautical twilight | 0449 | 0450 | 0451 |
| Begin civil twilight | 0527 | 0528 | 0529 |
| Sunrise | 0558 | 0559 | 0559 |
| Sunset | 2034 | 2034 | 2033 |
| End civil twilight | 2105 | 2104 | 2104 |
| End nautical twilight | 2143 | 2142 | 2142 |
| End astronomical twilight | 2225 | 2225 | 2224 |
| Moonrise | 1948 | 2040 | 2127 |
| Moonset | 0512 | 0620 | 0734 |
| Illumination of moon (at midnight) | $98 \%$ | $100 \%$ | $99 \%$ |
| Data source |  |  |  |

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

| Aid Station | Latitude | Longitude | Northing** | Easting** | Latitude** | Longitude** |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Silverton-Start | 37 $48.663^{\prime * *}$ | 107³9.385'** | 4,187,970 | 266,150 | 37 $48.663^{\prime}$ | $107^{\circ} 39.385^{\prime}$ |
| KT | $37^{\circ} 47.531^{\prime *}$ | $107^{\circ} 47.555^{\prime *}$ | 4,186,220 | 254,100 | $37^{\circ} 47.528^{\prime}$ | $107^{\circ} 47.553^{\prime}$ |
| Chapman Gulch | $37^{\circ} 51.317^{*}$ | $107^{\circ} 48.331^{\prime *}$ | 4,193,320 | 253,350 | $37^{\circ} 51.351$ | $107^{\circ} 48.209^{\prime}$ |
| Telluride | $37^{\circ} 56.099^{*} *$ | $107^{\circ} 48.379^{\prime *}$ | 4,202,130 | 253,370 | $37^{\circ} 56.109^{\prime}$ | $107^{\circ} 48.376^{\prime}$ |
| Kroger Canteen | $37^{\circ} 57.708^{*}$ | $107^{\circ} 46.306^{\prime *}$ | 4,204,990 | 256,550 | 37 $57.706^{\prime}$ | $107^{\circ} 46.265^{\prime}$ |
| Governor Basin | $37^{\circ} 58.928^{*}$ | $107^{\circ} 45.675^{\prime} *$ | 4,207,190 | 257,530 | $37^{\circ} 58.910^{\prime}$ | $107^{\circ} 45.641^{\prime}$ |
| Ouray | $38^{\circ} 01.032^{*}$ | $107^{\circ} 40.607^{\prime} *$ | 4,212,080 | 254,435 | $37^{\circ} 01.675^{\prime}$ | $107^{\circ} 40.343^{\prime}$ |
| Engineer | $37^{\circ} 59.156^{*}$ | $107^{\circ} 36.277^{\prime} *$ | 4,207,170 | 271,320 | 37059.114' | $107^{\circ} 36.230^{\prime}$ |
| Grouse Gulch | $37^{\circ} 55.053^{*}$ | $107^{\circ} 33.499^{\prime *}$ | 4,199,590 | 275,170 | $37^{\circ} 55.077^{\prime}$ | $107^{\circ} 33.460^{\prime}$ |
| Sherman | $37^{\circ} 54.049^{\prime *}$ | $107^{\circ} 25.986^{\prime *}$ | 4,197,400 | 286,270 | 370 $54.054^{\prime}$ | $107^{\circ} 25.851^{\prime}$ |
| Pole Creek | $37^{\circ} 48.180^{*}$ | $107^{\circ} 28.400^{\prime *}$ | 4,186,550 | 282,250 | $37^{\circ} 48.134^{\prime}$ | $107^{\circ} 28.396^{\prime}$ |
| Maggie Gulch | $37^{\circ} 49.131^{*} *$ | $107^{\circ} 32.187^{\prime} *$ | 4,187,950 | 276,810 | $37^{\circ} 48.812^{\prime}$ | $107^{\circ} 32.125{ }^{\prime}$ |
| Cunningham Gulch | $37^{\circ} 47.611^{*} *$ | $107^{\circ} 34.680^{\prime *}$ | 4,185,900 | 273,050 | $37^{\circ} 47.649^{\prime}$ | $107^{\circ} 34.648^{\prime}$ |
| Silverton-Finish | 37 $48.663^{\prime * *}$ | 107 ${ }^{\circ} 39.385^{\prime * *}$ | 4,187,970 | 266,150 | $37^{\circ} 48.663^{\prime}$ | $107^{\circ} 39.385{ }^{\prime}$ |

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


## 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 (C)

Hardrock100-bresnan.net
Medical Coordinator
Leo Lloyd
22 E. Animas Village Lane
Durango, CO 81301
(970) 259-1651
llloyd-gobrainstorm.net

## Trail Work Coordinator

Rick Trujillo
Rstrux-rmi.net

Aid Station Director<br>Lois MacKenzie<br>P.O. Box 33<br>Silverton, CO 81433<br>(970) 946-1058<br>skunkears-yahoo.com

Pacer Coordinator
Andrea Feucht
PO Box 74
Cedar Crest, NM 87008
(505) 920-8848
andrea-tenacity.net
See http://bit.ly/hr100pacers
(pacer/runner spreadsheet)
Communications Directors
Steve \& Shauna Blaylock Ssblaylock-gmail.com

Hardrock Board of Directors President
Kris Kern
$75146^{\text {th }}$ Street
Los Alamos, NM 87544
(505) 500-7248

Kernkt-cybermesa.com

## Course Director

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

## Course Flag Pulling Director

Betsy Kalmeyer
Falcons.14sf-gmail.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 | OURAY COUNTY CHAMBER OF COMMERCE |
| :--- | :--- |
| 1450 Green St, PO Box 565 | PO Box 145 |
| Silverton, CO 81433 | Ouray, CO 81427 |
| (970) $387-5654$ | $(970) 325-4746$ |
| (800) $752-4494$ | $(800)-228-1876$ |
| http://www.silvertoncolorado.com | http://www.ouraycolorado.com |
|  |  |
| LAKE CITY CHAMBER OF COMMERCE | TELLURIDE TOURISM BOARD |
| PO Box 340 | PO Box 1009 |
| Lake City, CO 81235 | Telluride, CO 81435 |
| (970) 944-2527 | (970) 369-1177 X304: general information \& lodging |
| http://www.lakecityco.com | $\underline{\text { http://www.visittelluride.com }}$ |

### 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 2014 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 |
| :---: | :---: | :---: |
| Monday 6/30 | Bear Creek (Silverton) to KT to Ice Lake Trail | Begin at 9 AM at Charlie's house -1338 Reese Shuttle vehicles |
| Tuesday 7/1 | Ice Lake Trail to Chapman Gulch | Shuttle vehicles |
| Wednesday 7/2 | Chapman to Telluride |  |
| Thursday 7/3 | Telluride to Virginius Pass Virginius Pass to Governor Basin | Separate parties meet on Virginius Pass |
| Friday 7/4 | Backup if needed. | Blue Ribbon 10K Run \& Parade in Silverton Silverton Parade |
| Saturday 7/5 | Grouse to Sherman | 4WD shuttle <br> Ouray trail work concurrently. Contact Rick <br> Trujillo (rstrux-rmi.net ) to reserve your place. |
| Sunday 7/6 | Maggie Gulch to Cunningham Gulch Cunningham Gulch to Silverton | Trail work concurrently. Contact Rick Trujillo (rstrux-rmi.net ) to reserve your place. |
| Monday 7/7 | Bear Creek Trailhead to Engineer Pass Bear Creek Trailhead to Ouray |  |
| Tuesday 7/8 | Remaining sections |  |
| Wednesday 7/9 | Open |  |
| Thursday 7/10 | Strip course | Contact Betsy Kalmeyer, Falcons.14sf-gmail.com for details. |
| Friday 7/11 | Strip course |  |
| Friday 7/11 | 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 ( $11,800^{\prime}$ ). 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 you 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 ( $\sim 11$ miles) and continue on county roads over Cinnamon Pass ( $\sim 5$ 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, for the CCW direction, pacers are allowed to start pacing at KT if they hike in to the aid station on their own.

10 Parking restrictions apply. See section 4.2 of this manual.
11 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, Cunningham Gulch, Sherman, Grouse Gulch, Ouray, Telluride, and (in CCW years) Chapman
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 

2014 Course Information<br>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 1860 s, 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 $14,048^{\prime}$ 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 2014 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 2012 course with minor exceptions, except that we will follow the regular Bear Creek/Wasatch Basin trail route followed earlier. In contrast to the counter clockwise running this year, 2014, Chapman Gulch will NOT be a crew access 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.

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(C)John Cappis \& Charlie Thorn 2014

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 2006. It's the same for 2014.
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. There will be no absolute cut off times at Virginius Pass, Governor Basin, Engineer, 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 100.5 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, we 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.

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

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## 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 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.

It is possible that a limited aid station will be provided 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, except for Chapman, crew access. (Chapman Gulch is NOT a crew access aid station in clockwise years.) 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 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 SilvertonIronton 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 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 grouts. 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 Cinammon 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 Cunningingham 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 $1 / 4$ mile of cross country/game trail was necessary. This eliminated about $3 / 4$ 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 Uncompaghre 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 Uncompaghre 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 $2^{\text {nd }}$ 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 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 returned to the Silverton High School gym as its renovations have been completed. In addition, a minimal aid station was provided at Burrows Park. Because ongoing land ownership disputes among Federal officials, local officials, and Gold Hill Development Corporation, the route was essentially that of 2011, including the Bridal Veil Basin diversion south of Telluride. Total distance was approximately 102.5 miles.

Because of the improved political climate associated with the Gold Hill Development Corporation land dispute in Bear Creek south of Telluride, the 2013 course returned to the Bear Creek/Wasatch Basin route abandoned after 2011. In May, 2014, a court ruling dismissed all private claims related to access to Hardrock relevant routes in the Bear Creek/Wasatch Basin so, no routing problems are anticipated there.

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 <br> "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



## 2014 Clockwise Hardrock Aid Station

Opening and Cut Off Times*

| STATION | MILES Total | MILES <br> Leg | CLIMB <br> Feet | DESCENT <br> Feet | Avg Vert Ft/Mile | OPEN TIME |  | $\begin{gathered} \text { LEADER } \\ \text { Arrival } \end{gathered}$ | Avg 48 HOUR Pace |  | ABSOLUTE CUT OFF |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Day | Hour |  | 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 | 27.8 | 9.7 | 3090 | -4500 | 852 | Friday | 1010 | 1110 | Friday | 1640 | Friday | 2000 |
| Kroger Canteen | 32.7 | 4.9 | 4390 | -40 | 886 | Friday | 1140 | 1240 | Friday | 2000 | Friday | None |
| Governor Basin | 35.9 | 3.2 | 0 | -2320 | 725 | Friday | 1200 | 1300 | Friday | 2100 | Saturday | None |
| Ouray | 43.9 | 8.0 | 48 | -3148 | 404 | Friday | 1300 | 1400 | Friday | 2315 | Saturday | 0315 |
| Engineer | 51.9 | 8.0 | 4575 | -455 | 661 | Friday | 1510 | 1610 | Saturday | 0400 | Saturday | None |
| Grouse Gulch | 58.4 | 6.5 | 1220 | -2310 | 511 | Friday | 1625 | 1725 | Saturday | 0730 | Saturday | 1030 |
| Burrows Park | 67.7 | 9.3 | 4188 | -4308 | 914 | Friday | 1930 | 2000 | Saturday | 1315 | Saturday | None |
| Sherman | 71.9 | 4.2 | 0 | 950 | 226 | Friday | 1940 | 2040 | Saturday | 1345 | Saturday | 1630 |
| Pole Creek | 80.8 | 8.9 | 3210 | -1390 | 505 | Friday | 2225 | 2325 | Saturday | 1815 | Saturday | None |
| Maggie Gulch | 85.1 | 4.3 | 1340 | -960 | 548 | Friday | 2330 | 0030 | Saturday | 2015 | Saturday | None |
| Cunningham Gulch | 91.2 | 6.1 | 1700 | -3160 | 796 | Saturday | 0110 | 0210 | Sunday | 0150 | Sunday | 0200 |
| Silverton-Finish | 100.5 | 9.3 | 2770 | -3840 | 718 | Saturday | 0350 | 0440 | Sunday | 0600 | Sunday | 0600 |

*Times are in military ( 24 hour clock) time.
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## Summary of Hardrock 100 Legs CW

| Leg | MILES <br> Leg | CLIMB <br> Feet | DESCENT <br> Feet | HWY <br> Miles | Auto Road <br> Miles | Jeep Road <br> Miles | Trails <br> Miles | X-Country <br> Miles | Avg Elev <br> Feet |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Silverton-Telluride | 27.78 | 9619 | 10179 | 0.0 | 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 | 29.25 | 9010 | 9340 | 0.0 | 1.2 | 3.5 | 20.1 | 4.3 | 11431 |
| Totals | 100.46 | 32962 | 32962 | 0.1 | 11.4 | 16.3 | 62.1 | 10.5 | 11016 |

## HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2014

Miles
Elevation

| $\begin{aligned} & \hline[0.0] \\ & 9310 \end{aligned}$ | SILVERTON Start in front of Silverton High School gym on $12^{\text {th }}$ Street. Head (NW) on $12^{\text {th }}$ Street, north east side of the high school. Go NW to Snowden Street, turn left, [SW], go two blocks to $10^{\text {th }}$ street, turn right [NW] and go up hill. When $10^{\text {th }}$ 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. |
| :---: | :---: |
| $\begin{aligned} & \hline[0.8] \\ & 9301 \end{aligned}$ | 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. |
| $\begin{aligned} & \hline[2.0] \\ & 9395 \end{aligned}$ | 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. |
| $\begin{aligned} & \hline[2.3] \\ & 9490 \end{aligned}$ | 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. |
| $\begin{gathered} \hline[5.3] \\ 11200 \end{gathered}$ | 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. |
| $\begin{gathered} \hline[5.8] \\ 11400 \end{gathered}$ | Putnam Basin Trail. Maintained by the sheepherders, this good trail stays to the right $(\mathrm{N})$ 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. |
| $\begin{gathered} \hline[7.0] \\ 12400 \end{gathered}$ | 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 1 st 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. |
| $\begin{gathered} \hline[7.8] \\ 12110 \end{gathered}$ | 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 2014

Miles
Elevation

| $\begin{gathered} \hline[8.6] \\ 12230 \end{gathered}$ | 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 sheepherder'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 sheepherders trail goes straight. Turn left (SSW) off the trail and descend cross country to the stream. |
| :---: | :---: |
| $\begin{gathered} \hline[9.4] \\ 11240 \end{gathered}$ | 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. |
| $\begin{aligned} & \hline[10.3] \\ & 11360 \end{aligned}$ | 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. |
| $\begin{aligned} & \hline[11.1] \\ & 10600 \end{aligned}$ | 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 . |
| $\begin{aligned} & {[11.5]} \\ & 10640 \end{aligned}$ | 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. <br> 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. |
| $\begin{aligned} & {[12.0]} \\ & 11000 \end{aligned}$ | 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. |
| $\begin{aligned} & \hline[12.8] \\ & 10980 \end{aligned}$ | 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. |
| $\begin{aligned} & {[13.0]} \\ & 11200 \end{aligned}$ | 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. |
| $\begin{aligned} & {[13.2]} \\ & 11400 \end{aligned}$ | 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. |
| $\begin{aligned} & \hline[14.3] \\ & 12400 \end{aligned}$ | 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. |
| $\begin{aligned} & \hline[14.2] \\ & 12800 \end{aligned}$ | About 200 yards below the ridge, elevation $\sim 12800$, 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 you way along the top of the ridge until you get to the cut on the right (E) side of Grant Swamp Pass. |

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Miles
Elevation

| $\begin{aligned} & \hline[14.8] \\ & 12920 \end{aligned}$ | Elev. 12920. Grant Swamp Pass. Pass \# 2. 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. |
| :---: | :---: |
| $\begin{aligned} & {[15.7]} \\ & 11800 \end{aligned}$ | 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. |
| $\begin{aligned} & {[17.3]} \\ & 10600 \end{aligned}$ | 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. |
| $\begin{aligned} & \hline[18.1] \\ & 10190 \end{aligned}$ | 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. |
| $\begin{aligned} & \hline[18.5] \\ & 10160 \end{aligned}$ | 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. |
| $\begin{aligned} & {[18.9]} \\ & 10480 \end{aligned}$ | 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- Pass \#3. 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. The traverse from Oscars Pass to the Wasatch Saddle will most likely be on snow. Expect a cornice on the Bridal Veil side of the pass. THERE WILL BE STEPS CUT ACROSS THE CORNICE AND ICE FACE. An ice ax or crampons may be a great comfort here. Stay on Oscar's road as it continues into the upper end of Bridal Veil Basin, traversing (NNW) under Peak 13,342 toward the Wasatch Saddle. Keep an eye on the saddle and when slope and snow allow it, turn left (NW) off the road and climb up to the saddle. If you reach the forest service sign in Bridal Veil Basin with a trail marker indicating the Bear Creek Trail you have gone too far, make an immediate left turn and climb to Wasatch Saddle. There is also a wooden FS signpost directly on top of the Wasatch Saddle- signs vary year to year. |
| [21.7] 13060 | Wasatch Saddle. FS 508. Cross the saddle and get on the Wasatch trail. The trail improves dramatically as you descend into Wasatch Basin and the beginning of the East Fork of Telluride Bear Creek. Expect snow in the upper part of the basin. Continue NW, descending rapidly. Cross the stream coming from your left ( S ) and then stay slightly above and to the left of the main stream. Enter a large flat meadow on a shelf trail through the cliff. Snow conditions in this meadow have varied from knee deep on every step to the entire meadow being vibrant purple with flowers. Stay 10 to 20 yards left of the stream until you reach the far side of the meadow. You may see a rusted wheelbarrow to your right just before the stream crossing. Cross to the right side of the stream just before the stream enters a narrow, steep channel and climb slightly. Get on the good trail and descend a series of switchbacks to the intersection of East Fork of Bear Creek (TR 513) and Wasatch Trail marked with forest service signs. |

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Miles
Elevation

| $[23.1]$ | East Fork of Bear Creek Trail. Exposure. (TR 513). Turn right (NNW) and descend on this well maintained trail paralleling the <br> West Fork of the Telluride Bear Creek. Soon you will be far above the stream as it cascades through a series of cliffs. After a |
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| half mile, the trail descends steeply through a series of switchbacks. The myriads of mountain flowers encountered in this |  |
| section are fantastic. Just around the switchback beyond where the trail goes directly below a waterfall, (watch for ice on the |  |
| trail), you are looking directly down the valley of the east fork of Bear Creek. If the valley is filled with snow, leave the trail, |  |
| climb down to the snow and practice your glissading technique as you head for the confluence of the Main Fork and East Fork |  |
| of Bear Creek. Pick up the trail again in the flat between the East Fork and Main Fork streams about 200 yards above their |  |
| meeting point. General direction of travel is NNW. If the East Fork snowfield is not there, follow the trail which stay on the |  |
| right (E) of the East fork to where it crosses the East fork, then follow the trail to the confluence of the two streams. At the |  |
| confluence, angle left, cross the Main Fork, then follow the trail to where the East Fork trail merges with the Wasatch trail (FS |  |
| 508). The trail intersection and next 100 to 200 yards may be under a snow slide field. This snow will be very hard and you can |  |
| easily walk on top of it. Cross the snow slide, continuing N, and pick up the Wasatch trail keeping the main drainage of Bear |  |
| Creek to your right. |  |

Miles

## HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2014

Elevation

| [32.1] 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. |
| :---: | :---: |
| $[32.7]$ 13100 | 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 level 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. |
| [33.2] 12160 | 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. |

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Miles
Elevation

| [38.4] 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 Uncompaghre 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. Ninety yards below this make a hard ( 120 degree) turn to your left onto a good trail. |
| :---: | :---: |
| [42.6] 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 $(\mathrm{N})$ 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. |
| [43.9] 7870 | OURAY TOWN PARK, AID STATION, CREW ACCESS, BAG DROP, MEDICAL, PACERS ALLOWED FROM <br> HERE. Lowest point on the course. You will now go back through Ouray on the East side of the Uncompaghre 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 $9^{\text {th }}$ avenue for about 30 yards. Turn right (S) on 2nd Street and follow it for 7 blocks to 3rd Avenue. Turn right (W) on $3{ }^{\text {rd }}$ 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. |
| [45.1] 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. |
| [45.5] 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. |
| [46.6] 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. |

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Miles
Elevation

| $\begin{aligned} & \hline[50.6] \\ & 11100 \end{aligned}$ | 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. |
| :---: | :---: |
| $\begin{aligned} & {[51.9]} \\ & 11800 \end{aligned}$ | 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. |
| $\begin{aligned} & {[52.6]} \\ & 12200 \end{aligned}$ | 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. |
| $\begin{aligned} & \hline[53.2] \\ & 12910 \end{aligned}$ | Engineer Pass Road, Pass \# 5. 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 $[\mathrm{E}]$ and go around the switch back (W) continuing down hill. |
| [54.9] 12040 | Engineer-Mineral Creek Road Intersection. Continue straight (S)!!! 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. |
| $\begin{aligned} & {[58.4]} \\ & 10710 \end{aligned}$ | 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 $(\mathrm{N})$ 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. |
| $[60.9]$ 13020 | Elev. 13020. American-Grouse Pass. Pass \#6. 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.) |

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Miles
Elevation

| $\begin{aligned} & \hline[61.6] \\ & 12400 \end{aligned}$ | 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. |
| :---: | :---: |
| $\begin{aligned} & {[62.6]} \\ & 12920 \end{aligned}$ | 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. |
| [63.7] 14048 | Handies Peak, Pass \#7. 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 PeakWhitecross 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. |
| $\begin{aligned} & \hline[65.5] \\ & 11800 \end{aligned}$ | 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.) |
| $\begin{aligned} & \hline[67.7] \\ & 10590 \end{aligned}$ | 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. |
| [70.9] 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) ( $\sim 300 \mathrm{yds}$ ) 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. |
| [71.9] 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. |
| [76.5] 12100 | Cataract Lake. The lake will be to the left across the willow filled valley. You will be climbing steadily toward the saddle, PoleCataract 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 2014

Miles
Elevation

| $\begin{aligned} & \hline[77.0] \\ & 12200 \end{aligned}$ | Elev. 12200. Cataract-Pole Divide. Pass \#8. 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. |
| :---: | :---: |
| [79.9] 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. |
| [80.8] 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). |
| $\begin{aligned} & \hline[82.5] \\ & 11540 \end{aligned}$ | 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. |
| [84.2] 12530 | Maggie-Pole Pass. Pass \#9. 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 2014

Miles
Elevation

| [85.1] | MAGGIE GULCH AID STATION. Located just below the road end on the tailings pile is a well preserved stamp mill. This <br> water powered crusher was used to reduce rock to dust so the gold and silver could be more easily separated. Find the trail that <br> 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 <br> 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 <br> just above the confluence and cross the Maggie Gulch Stream. Follow the trail up the left side of MG West for about 100 yards <br> (W), cross MG West on the trail and climb a few hundred yards in the NW direction, watching carefully for the switch back. A <br> few feet beyond the switch back the trail disappears. Pick a line directly up the mountain (W) and climb steeply toward the head <br> 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 <br> $12,500 ' ~ l e v e l ~ p a s s ~ a n ~ o l d ~ s h e e p ~ h e r d e r ' s ~ c a m p ~ w i t h ~ a ~ s e t ~ o f ~ r u s t i n g ~ b e d s p r i n g s ~ a n d ~ t u r n ~ l e f t ~(S) ~ a c r o s s ~ t h e ~ b e n c h ~ o n ~ a ~ s h e e p ~ t r a i l . ~$ |
| :---: | :--- |
| 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. |  |

## HARDROCK 100 MOUNTAIN RUN CLOCKWISE COURSE DESCRIPTION 2014

Miles
Elevation

| $\begin{aligned} & {[91.2]} \\ & 10380 \end{aligned}$ | 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 $(\mathrm{N})$ 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. |
| :---: | :---: |
| $\begin{aligned} & {[93.4]} \\ & 13000 \end{aligned}$ | Dives-Little Giant Pass. Pass \#12. 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. |
| $\begin{aligned} & {[93.6]} \\ & 12970 \end{aligned}$ | 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. |
| $\begin{gathered} \hline[97.8] \\ 9900 \end{gathered}$ | Arastra Gulch Road. Turn right (W), go about thirty yards 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. |
| $\begin{gathered} {[99.9]} \\ 9320 \end{gathered}$ | Get on $14^{\text {th }}$ 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 $12^{\text {th }}$ Street. At $12^{\text {th }}$ Street turn right [NW] and go one half block to the Silverton High School. |
| $\begin{gathered} {[100.5]} \\ 9320 \end{gathered}$ | Elev. 9320. SILVERTON HIGH SCHOOL GYM. FINISH. Stop! Kiss the Hardrock!! |



2012 Hardrrock Results
 $\begin{array}{ll}308: 24-08: 24 & 10: 00-10: 0 \\ 108: 25-08: 25 & 10\end{array}$ 183 08:26-08:27 10:03-10:04 5-08:48-08:50 10:44-10:45 $\begin{array}{ll}155 & \text { 08:27-08:28 } \\ 173 & 10: 00-10: 01 \\ \text { 08:25-08:25 } & 10: 03-10: 04\end{array}$ $\begin{array}{ll}207 & 08: 38-08: 40 \\ 10: 25-10: 25 \\ 188 & 08: 44-08: 45 \\ 10: 32-10: 32\end{array}$ $\begin{array}{ll}188 & 08: 44-08: 45 \\ \text { 10:32-10:32 } \\ \text { 200 } & \text { 08:44-08:46 } \\ 10: 30-10: 30\end{array}$ $\begin{array}{cc}4 \text { 08:39-08:40 } & 10: 31-1010: 31 \\ 47 & 08: 54-08: 57 \\ 10: 46-10: 49\end{array}$ $\begin{array}{ll}47 & 08: 54-08: 57 \\ 12 & 10: 46-10: 49 \\ \text { 08:31-08:32 } & 10: 21-10: 22\end{array}$ 166 08:40-08:41 $\quad 10: 26-10: 26$ $\begin{array}{ll}140 & 08: 38-08: 40 \\ 10: 34-10: 36 \\ 13208: 56-08: 59 & 10: 52-10: 54\end{array}$ $\begin{array}{ll}181 & 08: 26-08: 26 \\ 10: 00-10: 01 \\ 107 & 08: 31-08: 32 \\ 10 & 10\end{array}$ 208 09:02-09:04 10:58-10:59 $\begin{array}{lll}213 & 08: 52-08: 53 & 10: 54-10: 57\end{array}$ $\begin{array}{ll}159 & 09: 05-09: 08 \\ 11: 15-11: 17 \\ 149 & 09: 05-09: 08 \\ 11: 15-11: 19\end{array}$ 149 09:05-09:08
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08:55-08:59 134 08:44-08:47 10:36-10:36
7 11 08:48-08:17 11:22-11:24 $10309: 10-09: 12$ $\begin{array}{rr}6 \text { 08:48-08:50 } & 10: 56-10: 59 \\ 43 & 08: 31-08: 34 \\ 10 & 1026-1052\end{array}$ $\begin{array}{ll}123 \text { 09:05-09:08 } & 11: 17-11: 21\end{array}$ 123 09:04-09:05 11:16-11:17 $\begin{array}{ll}41 & \text { 09:09-09:12 } \\ 23 \text { 11:11-11:13 } \\ \text { 08:44-08:47 } & \text { 10:43-10:44 }\end{array}$ 203 08:56-08:58 11:02-11:06 174 08:51-08:53 10:54-10:56
79
09:09-09:12 $\begin{array}{ll}179 & \text { 09:09-09:12 } \\ \text { 11:22-11:25 } \\ \text { 104 09:40-09:42 } & \text { 12:02-12:05 }\end{array}$ 146 09:40-09:42 12:14-12:23 210 09:21-09:25 11:45-11:54 $\begin{array}{ll}\text { 9 09:10-09:11 11:31-11:37 } \\ \text { 15 09:01-09:04 } & 11: 11-11: 15\end{array}$ $\begin{array}{ll}15 & 09: 01-09: 04 \\ 11: 11-11: 15 \\ 128 & 09: 04-09: 06 \\ 11: 18-11: 21\end{array}$ 122 09:02-09:02 11:12-11:13 26 09:20:09:24 11:45-11:49 8 09:17-09:2 113 11:36-11:39 16 09:13-09:14 11:32-11:33 9:15 11:27-11:34 12 09:29-09:18 11:24-11:31 14 09:21-09:24 11:56-12:02
 131 09:29-09:32 11:37-11:41 178 09:21-09:24 11:40-11:47 10 09:03-09:04 11:02-11:08 9-09:12 11:24-11:26 $\begin{array}{ll} & 09 \\ \text { 09:29-09:34 } & 11: 50-11: 53\end{array}$ $\begin{array}{ll}144 & 08: 44-08: 46 \\ 167 & 10: 35-10: 37 \\ 109-29-09: 31 & 12: 07-12: 12\end{array}$ $\begin{array}{ll}167 & 09: 29-09: 31 \\ 101 & 12: 07-12: 12 \\ 109: 04-09: 08 & 11: 28-11: 36\end{array}$ 160 09:20-09:22 11:41-11:54 170 09:05-09:09 11:39-11:49 $\begin{array}{ll}27 & 09: 21-09: 24 \\ 25 & 11: 40-11: 48 \\ 25: 23-09: 26 & 11: 49-11: 56\end{array}$ $\begin{array}{ll}25 & \text { 09:23-09:26 } \\ 13 & 11: 49-11: 56 \\ 13 & 090-09: 12 \\ 11: 28-11: 30\end{array}$ 187 09:10-09:13 11:27-11:30 111 09:29-09:33 11:54-12:00 10 09:23-09:26 12:09-12:13 $\begin{array}{ll}10 \text { 09:23-09:26 } & 11: 37-11: 40 \\ 19 & 10: 01-10: 04 \\ 12: 51-12: 57\end{array}$ $\begin{array}{ll}21 & 09: 21-09: 23 \\ \text { 205:17-12:18 } \\ \text { 09:24-09:29 } & 11: 50-11: 5\end{array}$ $\begin{array}{ll}205 \text { 09:24-09:29 } & \text { 11:50-11:59 } \\ \text { 51 09:40-09:45 } & \text { 12:25-12:32 }\end{array}$

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| 13:25-13:29 | 15:18-15:20 | 15:54-15:54 |
| 12:56-12:57 | 14:16-14:16 | 14:48-14:48 |
| 12:42-12:45 | 14:20-14:20 | 14:49-14:50 |
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| 13:12-13:15 | 15:08-15: | 15:46-15:46 |
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| 15:36-15:55 | 18:27-18:33 | 19:19-19:24 |
| 14:58-15:05 | 17:33-17:37 | 18:26-18:32 |
| 14:57-15:06 | 17:33-17:36 | 18:26-18:30 |
| 15:27-15:39 | 18:25-18:31 | 19:23-19:26 |
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le Creek 80.9
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Maggie Gulch
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Cunningham 91.3 Silverton 10.5
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| Cunningham 91.3 | Silverton 100.5 |
| :--- | ---: |
| 04:22-04:23 | $6: 50$ |
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11:38 29:38:00 12:20 30:20:00 $\begin{array}{ll}12: 24630: 46: 00 \\ \text { 13:23 } & 31: 23: 00 \\ \text { 13: }\end{array}$ $\begin{array}{ll}13: 23 & 31: 23: 00 \\ 13: 50 & 31: 50: 00\end{array}$ $\begin{array}{ll}13: 50 & 31: 50: 00 \\ 13: 58 & 31: 58: 00\end{array}$ 14:30 32:30:00 $\begin{array}{ll}14: 43 & 32: 43: 00 \\ 14: 48 & 32.48: 00\end{array}$ $\begin{array}{ll}14: 48 & 32: 48: 00 \\ 14: 57 & 32: 57: 00\end{array}$ $\begin{array}{ll}\text { 14:57 } & 32: 57: 00 \\ \text { 15:14 } & 33: 14: 00\end{array}$
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17:49 35:49:00 18:06 36:06:00 | 18:36 36:36:00 |  |
| :--- | :--- |
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| $17: 30: 00$ |  | $\begin{array}{ll}18: 46 & 36: 46: 00 \\ 19: 00 & 37: 00: 00\end{array}$ 19:00 37:00:00 19:02 37:02:00 19:02 37:02:00

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19:55 37:55:00 20:09 38:09:00 20:10 38:10:00
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20:49 38:49:00 $20: 49$ 38:49:00
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78 John Sharp, M 35 TX 79 Alan Smith, M 43 CO
80 Mark Heaphy, M 50 MT 81 Kerry Owens, F 49 DC 82 Dennis Drey, M 61 NM 83 Gary Redwine, M 55 OR 84 Ernie Floyd, M 58 UT 85 Harris Goodman, M 47 CA
86 Rodger Wrublik, M 55 CO 87 Brad Koenig, M 36 N 88 Julian Smith, M 46 CO 89 Noe Castanon, M 42 CA 91 Beat Jegerlehner, M 43 C 92 Roy Heger, M 58 OH 93 Liz Bauer, F 53 GA
94 Robert Andrulis, M 45 AZ 95 Bill Losey, M 41 Co 96 Doug Sulivan, M 51 DC 98 Deb Pero, F 58 NM 99 Rich Haefele, M 45 CO
100 100 Elizabeth Everly, F 43 AZ 102 Diana Finkel, F 41 CO 103 Garry Harrington, M 52 CO 104 Honey Albrecht, F 53 AZ 105 Warren Muldoon, M 56 CA
106 Devin Gardiner, M 35 CO 107 Jack J ewell, M 59 CO 108 Kerry Collings, M 63 UT 109 Reid Delman, M 44 CO 110 Scott Snyder, M 57 CO 112 Robert B. King, M 51 TX 113 Randall Dunn, M 57 CO 114 Jennifer Roach, F 59 CO 115 Donnie Haubert, M 34 CO 116 Jeason Murphy, M 33 Co 118 Kris Quandt, M 38 WY 119 Rob Erskine, M 42 CO 20 Steve Bremner, M 57 CO 121 Jim Campiformio, M 62 C
122 Tom Mowchan, M 44 CA 123 Scott Brockmeier, M 50 GA 124 John Koester, M 63 CA 126 Kim Love-Ottobre, F 47 OH 127 Glen Mangiantini, M 55 WA 128 Mike Farris, M 39 CO 129 Steve Pero, M 61 N 130 Clemente Izurieta, M 46 MT 131 Sheila Huss, F 37 CO 133 Axel Reissnecker, M 59 TX 134 Joe Prusaitis, M 58 TX 135 Brian McNeill, M 54 MD 136 Dick Curtis, M 67 CO 138 John Woiciechowski, M 39 139 Edward Strickland, M 56 CO 40 Rollin Perry, M 73 IA

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| 09:09:26 | $12: 14-12: 23$ |
| $11: 53$ |  | $\begin{array}{ll}150 & 10: 00-10: 16 \\ 13: 07-13: 14\end{array}$ $\begin{array}{cc}215 \text { 10:05-10:07 } & \text { 12:53-12:56 } \\ 26 \text { 09:42-09:44 } & \text { 12:18-12:22 }\end{array}$ 168 09:34-09:39 12:17-12:23

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| :--- | :--- |
| $23: 16$ |  | $\begin{array}{ll}\text { 23:16-23:35 } & 03: 34-03: 45 \\ \text { 23:15-23:38 } & 03: 35-03: 45\end{array}$ 23:04-01:32

05:56-06:00 15:57-15:58 18:24-18:24 $\begin{array}{ll}\text { 19:51-20:05 } & \text { 23:07-23:12 }\end{array}$ $\begin{array}{ll}\text { 21:34-21:52 } & 01: 44-01: 52 \\ \text { 22:33-22:45 } & 02: 39-02: 44\end{array}$ $\begin{array}{ll}\text { 22:33-22:45 } & 02: 39-02: 44 \\ \text { 21:40-22:13 } & 03: 16-04: 09\end{array}$ $\begin{array}{lll}\text { 23:11-23:44 } & 03: 37-03: 42\end{array}$ 23:48-00:05 04:28-04:40 $\begin{array}{ll}\text { 23: } 28-00: 07 & 04: 28-04: 38 \\ 22: 47-22: 53 & 03: 07\end{array}$ 0:11-00:23 04:42-04:13 23:11-23:44 03:34-03:39 23:52-01:09 05:58-06:15 01:37-01:48 07:10-07:13 $\begin{array}{ll}17: 12-17: 19 & 20: 19-20: 31 \\ 17: 33-17: 44 & 21: 08-21: 58\end{array}$ | 19:15-19:24 | $22: 43-22: 48$ |
| :--- | :--- |
| $19: 14$ |  | 10.03-10.13 $23: 02$

$0: 23$ 19:14-19:26 23:18-23:47病 05:30-05:45
05:11-05:40 $05: 11-05: 40$
$05: 38-05: 52$
$05: 03-06.30$ 05:03-06:30
$05: 57-06: 12$ 05:57-06:12
05:44-06:19 05:44-06:19
$05: 48-06: 20$
05: 05:56-05: 13
04: $23-04: 51$
05:14:57 04:23-04:51
05:14-05:57 05:14-05:57
04:42-05:40 $04: 42-05: 40$
$07: 32-07: 42$
$06: 51-06: 55$ 07:32-07:42
$0651-06: 55$
$05: 39-06: 14$ 05:39-06:14
$06: 39-06: 54$ 06:39-06:54
$07: 22-07: 51$ $07: 22-07: 51$
$04: 56-07: 52$
$07: 24-07: 28$ 04:56-07:52
07:24-07:28
$06: 39-07: 02$ 06:39-07:02
06:16-06:16 06:16-06:16
$08: 48-09: 04$
19:54-19:54 199:54-19:54
01:22-01:35 01:22-01:35
04:31-05:01 05:31-05:39
06:49-08:20 06: 49-08:20
$06: 23-06: 46$ $06: 23-06: 46$
$07: 49-08: 05$
$0755-07: 50$ 07:49-08:05
07:35-0750
$05: 54-05: 56$ 05:54-05:56
07:23-07:39 07:23-07:39
$06: 23-07: 26$ 09:41-10:08
$\begin{array}{ll}\text { 08:59-09:29 } & \text { 13:55-14:01 } \\ \text { 11:27-12:01 } & \text { 15:49-15:50 }\end{array}$ 11:27-12:01
11:27-11:57 15:49-15:50
$15: 43-15: 44$ $\begin{array}{ll}11: 48-11: 57 & 16: 10-16: 17\end{array}$ $\begin{array}{ll}11: 27-11: 57 & 15: 10-16: 17 \\ \text { 11:28-11:48 } & 15: 49-16: 00 \\ 11: 31-11: 46 & 1: 013: 15: 48\end{array}$ $\begin{array}{ll}\text { 11:28-11:48 } & 15: 49-16: 00 \\ 11: 31-11: 46 & 16: 01-16: 13 \\ 11: 34-11.59 & 15: 43-15: 48\end{array}$ $\begin{array}{ll}11: 34-11: 59 & 15: 43-15: 48 \\ 11.59-12: 19 & 16 \cdot 03-16.12\end{array}$ $\begin{array}{ll}\text { 12:59-12:19 } & \text { 16:03-16:12 } \\ \text { 12:24-12:50 } & 17: 21-17: 26\end{array}$ $\begin{array}{ll}11: 54-12: 19 & 1:: 21-17: 26 \\ 11: 56-12: 37 & 16: 51-17: 01 \\ 11: 23-11: 53 & 15: 58\end{array}$ $\begin{array}{ll}11: 56-2: 37 & 16: 51-17: 01 \\ \text { 11:23-11:53 } & 15: 59-16: 18 \\ 11: 07-11: 20 & 18: 28-15: 40\end{array}$ $\begin{array}{ll}\text { 11:07-11:20 } & 15: 28-15: 40 \\ \text { 11:36-12:05 } & 15: 57-16: 11\end{array}$ $\begin{array}{ll}11: 36-12: 05 & 15: 57-16: 11 \\ 11: 25-11: 59 & 16: 04-16: 17\end{array}$ $\begin{array}{ll}11: 36-1: 10: 59 & 16:-16: 17 \\ \text { 13:57-14:04 } & \text { 18:26-19:01 }\end{array}$ $\begin{array}{ll}\text { 13:08-13:14 } & 17: 39-17: 39 \\ 11.53-12 \cdot 25 & 16: 35 \cdot 16.57\end{array}$ $13: 08-13: 14$
$1153-12: 25$
$13: 24-13: 47$
13:24-13:47
13:40-13:50 $\begin{array}{ll}13: 40-13: 50 & 18: 50-18: 05 \\ 14: 22-14: 45 & 18: 38 \\ & \end{array}$ $\begin{array}{ll}14: 22-14: 45 & 18: 36-18: 01 \\ 14: 02-14: 28 & 17: 26-1: 53\end{array}$


20:08-20:29 20:59-21:25
20:43-21:12 43-21:12 21:24-21:32
20:57-21:19
$\begin{array}{ll}\text { 13:02-14:28 } & 18: 26-18: 53 \\ \text { 13: }\end{array}$ 13:21-13:35
13: 0713
$15: 44-16: 00$ $\begin{array}{ll}15: 44-16: 00 & \text { 18:00-18:11 } \\ \text { 20:48-20:57 }\end{array}$ $\begin{array}{ll}\text { 00:02-00:04 } & 03: 33-03: 34 \\ \text { 07:12-07:27 } & 10: 57-11: 11\end{array}$ $\begin{array}{ll}10: 45-11: 14 & 15: 57-18-15: 11 \\ 115 \\ 1156-12: 03 & 16: 36\end{array}$ $\begin{array}{ll}10: 56-12: 03 & 16: 36-16: 40 \\ \text { 14:30-15:10 } & 19: 17-19: 33\end{array}$ $\begin{array}{ll}11: 30-19: 10 & 19: 17-19: 33 \\ 13: 17-13: 41 & 19: 18-20: 12\end{array}$

17:38-17:55
$\begin{array}{lll}14: 03-15: 14 & 20: 19-20: 25 & 22: 15 \\ 14: 27-14: 51 & 20: 42\end{array}$

|  |  |  |  |  |  | Year- | Number | Place | Name | Age | State | Time | Sex | Year- <br> Place | Number Finished |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Place | Name | Age | State | Time | Sex | Place | Finished | 95 | Randy Isler | 42 | NM | 31:05:04 | M | 99-003 | 17 |
| 1 | Kyle Skaggs | 23 | NM | 23:23:30 | M | 08-001 |  | 96 | Nick Coury | 21 | AZ | 31:07:10 | M | 08-005 | 2 |
| 2 | Sebastien Chaigneau | 41 | FRANCE | 24:25:50 | M | 13-001 |  | 97 | Roch Horton | 52 | UT | 31:09:15 | M | 10-010 | 10 |
| 3 | Karl Meltzer | 41 | UT | 24:38:02 | M | 09-001 | 7 | 98 | Roch Horton | 51 | UT | 31:09:39 | M | 09-008 | 10 |
| 4 | Hal Koerner | 36 | OR | 24:50:00 | M | 12-001 | 2 | 99 | Diana Finkel | 36 | co | 31:09:40 | F | 08-006 | 4 |
| 5 | Joseph Grant | 29 | CAN | 25:06:00 | M | 12-002 | 2 | 100 | Darla Askew | 40 | OR | 31:09:52 | F | 13-013 | 2 |
| 6 | Julien Chorier | 31 | FRANCE | 25:17:00 | M | 11-001 |  | 101 | Scott Mills | 49 | va | 31:11:05 | M | 00-007 | 5 |
| 7 | Troy Howard | 40 | CO | 25:20:09 | M | 13-002 | 2 | 102 | Randy Isler | 41 | NM | 31:14:50 | M | 98-004 | 17 |
| 8 | Dakota Jones | 22 | co | 25:45:00 | M | 12-003 | 2 | 103 | Scott Mills | 47 | va | 31:16:53 | M | 98-005 | 5 |
| 9 | Troy Howard | 36 | CA | 26:01:18 | M | 09-002 | 2 | 104 | Scott Jaime | 40 | co | 31:17:14 | M | 10-011 | 7 |
| 10 | Scott Jurek | 34 | WA | 26:08:34 | M | 07-001 |  | 105 | Jamil Coury | 28 | co | 31:19:29 | M | 13-014 | 2 |
| 11 | Scott Jaime | 43 | co | 26:38:43 | M | 13-003 | 7 | 106 | Rob Youngren | 39 | AL | 31:19:30 | M | 13-015 |  |
| 12 | Karl Meltzer | 33 | UT | 26:39:35 | M | 01-001 | 7 | 107 | Curtis Anderson | 36 | UT | 31:22:50 | M | 99-004 | 2 |
| 13 | Chris Price | 32 | CA | 26:51:13 | M | 13-004 |  | 108 | Brian Fisher | 47 | co | 31:23:00 | M | 12-016 | 3 |
| 14 | Karl Meltzer | 38 | UT | 27:07:55 | M | 06-001 |  | 109 | Ricky Denesik | 49 | co | 31:23:54 | M | 09-009 | 5 |
| 15 | Dakota Jones | 21 | co | 27:10:00 | M | 11-002 | 2 | 110 | Giselher Schneider | 41 | GER | 31:24:33 | M | 04-002 | 2 |
| 16 | Jared Campbell | 30 | UT | 27:18:06 | M | 10-001 | 8 | 111 | Hal Koerner | 29 | WA | 31:29:27 | M | 05-003 | 2 |
| 17 | Diana Finkel | 37 | co | 27:18:24 | F | 09-003 | 4 | 112 | Dennis Poolheco | 40 | AZ | 31:32:15 | M | 00-008 |  |
| 18 | Nick Clark | 37 | CO | 27:43:00 | M | 11-003 |  | 113 | Zachary Grossman | 28 | CA | 31:34:58 | M | 05-004 |  |
| 19 | Scott Jaime | 39 | co | 27:47:53 | M | 09-004 | 7 | 114 | Kirk Apt | 41 | co | 31:36:37 | M | 03-005 | 19 |
| 20 | Karl Meltzer | 35 | UT | 28:01:55 | M | 03-001 | 7 | 115 | Kirk Apt | 39 | co | 31:40:00 | M | 01-008 | 19 |
| 21 | Nick Pedatella | 27 | co | 28:03:00 | M | 12-004 | 2 | 116 | David Horton | 46 | va | 31:40:59 | M | 96-003 | 5 |
| 22 | Andy Jones-Wilkins | 41 | ID | 28:09:29 | M | 09-005 |  | 117 | Emily Baer | 31 | co | 31:41:34 | F | 07-008 | 5 |
| 23 | Ted Mahon | 40 | co | 28:19:27 | M | 13-005 | 6 | 118 | John Anderson | 31 | co | 31:41:44 | M | 10-012 |  |
| 24 | Ted Mahon | 40 | co | 28:20:00 | M | 12-005 | 6 | 119 | Ken Jensen | 32 | UT | 31:42:03 | M | 00-009 | 2 |
| 25 | Karl Meltzer | 37 | UT | 28:29:15 | M | 05-001 | 7 | 120 | Tim Laney | 47 | UK | 31:46:50 | M | 05-005 |  |
| 26 | Diana Finkel | 38 | co | 28:32:06 | F | 10-002 | 4 | 121 | Aaron Denberg | 42 | AZ | 31:47:32 | M | 09-010 | 2 |
| 27 | Jared Campbell | 29 | UT | 28:32:57 | M | 09-006 | 8 | 122 | Joe Clapper | 39 | va | 31:47:37 | M | 98-006 | 3 |
| 28 | Scott Jaime | 43 | co | 28:37:00 | M | 12-006 | 7 | 123 | Timmy Parr | 31 | co | 31:50:00 | M | 12-017 |  |
| 29 | Hans Put | 41 | NY | 28:42:00 | M | 01-002 | 2 | 124 | Garrett Graubins | 33 | co | 31:51:24 | M | 05-006 | 3 |
| 30 | Karl Meltzer | 45 | UT | 28:43:00 | M | 12-007 | 7 | 125 | Betsy Kalmeyer | 45 | co | 31:53:51 | F | 06-003 | 14 |
| 31 | Mark Hartell | 39 | UK | 28:49:10 | M | 03-002 | 3 | 126 | Mark Lange | 33 | co | 31:53:54 | M | 96-004 | 3 |
| 32 | Nick Coury | 25 | co | 28:50:38 | M | 13-006 | 2 | 127 | James Nelson | 38 | UT | 31:54:36 | M | 99-005 | 6 |
| 33 | Adam Wilcox | 31 | NH | 28:55:00 | M | 12-008 |  | 128 | Ted Mahon | 39 | co | 31:55:00 | M | 11-009 | 6 |
| 34 | Jason Poole | 41 | CO | 28:57:00 | M | 12-009 | 4 | 129 | Hiroki Ishikawa | 30 | JAPAN | 31:55:18 | M | 05-007 | 2 |
| 35 | Daniel Levy | 33 | FRANCE | 28:57:00 | M | 11-004 |  | 130 | Betsy Kalmeyer | 38 | co | 31:55:36 | F | 99-006 | 14 |
| 36 | Karl Meltzer | 39 | UT | 28:59:08 | M | 07-002 | 7 | 131 | Jonathan Basham | 35 | WA | 31:58:00 | M | 12-018 |  |
| 37 | Patrick Stewart | 27 | co | 29:04:00 | M | 12-010 |  | 132 | Ricky Denesik | 47 | co | 31:58:01 | M | 07-009 | 5 |
| 38 | Darcy Africa | 37 | co | 29:09:00 | F | 12-011 | 4 | 133 | Kevin Shilling | 37 | UT | 31:59:12 | M | 04-003 |  |
| 39 | Krissy Moehl | 30 | WA | 29:24:45 | F | 07-003 |  | 134 | Ted Mahon | 36 | co | 31:59:20 | M | 09-011 | 6 |
| 40 | Diana Finkel | 40 | CO | 29:27:00 | F | 11-005 | 4 | 135 | Tom Hayes-McGoff | 51 | MT | 31:59:50 | M | 01-009 | 4 |
| 41 | Jared Campbell | 33 | UT | 29:32:47 | M | 13-007 | 8 | 136 | Scott Hirst | 33 | co | 32:00:13 | M | 94-001 |  |
| 42 | John Hart | 46 | MT | 29:35:00 | M | 12-012 |  | 137 | Scott Gordon | 38 | NM | 32:00:33 | M | 99-007 | 3 |
| 43 | Kirk Apt | 38 | co | 29:35:00 | M | 00-001 | 19 | 138 | Sue Johnston | 40 | vT | 32:07:41 | F | 05-008 | 3 |
| 44 | Michael Foote | 26 | MT | 29:35:22 | M | 10-003 |  | 139 | Philippe Verdier | 46 | FRANCE | 32:15:50 | M | 09-012 |  |
| 45 | David Horton | 43 | VA | 29:35:48 | M | 93-001 | 5 | 140 | Randy Isler | 40 | NM | 32:17:05 | M | 97-003 | 17 |
| 46 | Jared Campbell | 27 | UT | 29:37:11 | M | 07-004 | 8 | 141 | Brett Gosney | 51 | co | 32:17:49 | M | 10-013 | 7 |
| 47 | Jared Campbell | 33 | UT | 29:38:00 | M | 12-013 | 8 | 142 | Sue Johnston | 35 | vT | 32:20:03 | F | 00-010 | 3 |
| 48 | Joseph Grant | 28 | co | 29:38:00 | M | 11-006 | 2 | 143 | Rick Trujillo | 46 | co | 32:20:24 | M | 94-002 | 2 |
| 49 | Jason Poole | 41 | co | 29:41:11 | M | 13-008 | 4 | 144 | Danny Gnojek | 44 | co | 32:21:00 | M | 11-010 |  |
| 50 | Leland Barker | 46 | UT | 29:43:06 | M | 03-003 |  | 145 | David Horton | 42 | va | 32:24 | M | 92-001 | 5 |
| 51 | Darcy Africa | 36 | co | 29:46:00 | F | 11-007 | 4 | 146 | Tom Hayes-McGoff | 55 | MT | 32:26:00 | M | 05-009 | 4 |
| 52 | Paul Sweeney | 41 | CA | 29:46:29 | M | 07-005 | 6 | 147 | Ty Draney | 32 | Wr | 32:27:17 | M | 06-004 | 2 |
| 53 | Scott Gordon | 39 | NM | 29:49:15 | M | 00-002 | 3 | 148 | Glenn Mackie | 44 | TX | 32:28:03 | M | 06-005 | 6 |
| 54 | Scott Jaime | 38 | co | 29:50:53 | M | 08-002 | 7 | 149 | Roch Horton | 48 | UT | 32:28:38 | M | 06-006 | 10 |
| 55 | Darcy Africa | 38 | co | 29:54:55 | F | 13-009 | 4 | 150 | Kirk Apt | 32 | co | 32:29:40 | M | 94-003 | 19 |
| 56 | Adam Hewey | 45 | WA | 29:55:57 | M | 13-010 | 2 | 151 | David Wilcox | 51 | co | 32:30:00 | M | 12-019 | 4 |
| 57 | Betsy Kalmeyer | 40 | CO | 29:58:00 | F | 01-003 | 14 | 152 | Tom Remkes | 48 | UT | 32:31:23 | M | 10-014 | 3 |
| 58 | Paul Sweeney | 39 | CA | 30:02:28 | M | 05-002 | 6 | 153 | Betsy Nye | 45 | CA | 32:32:07 | F | 10-015 | 12 |
| 59 | Jan Fiala | 48 | NM | 30:05:02 | M | 01-004 | 6 | 154 | Whit Rambach | 40 | CA | 32:32:50 | M | 07-010 |  |
| 60 | Blake Wood | 40 | NM | 30:10:58 | M | 99-001 | 18 | 155 | Tim Seminoff | 40 | UT | 32:32:59 | M | 99-008 | 2 |
| 61 | David Horton | 50 | VA | 30:12:23 | M | 00-003 | 5 | 156 | Kirk Apt | 42 | co | 32:34:16 | M | 04-004 | 19 |
| 62 | Ricky Denesik | 38 | co | 30:12:31 | M | 98-001 | 5 | 157 | Tom Garrison | 48 | NM | 32:35:04 | M | 06-007 | 5 |
| 63 | Jonathan Worswick | 38 | AStRAL | 30:12:40 | M | 01-005 | 3 | 158 | Charlie Thorn | 47 | NM | 32:36:14 | M | 93-002 | 10 |
| 64 | Darcy Africa | 35 | CO | 30:14:49 | F | 10-004 | 4 | 159 | Randy Isler | 39 | NM | 32:36:38 | M | 96-005 | 17 |
| 65 | Nick Pedatella | 25 | co | 30:18:52 | M | 10-005 | 2 | 160 | Glenn Mackie | 48 | co | 32:36:50 | M | 10-016 | 6 |
| 66 | Jason Koop | 34 | co | 30:20:00 | M | 12-014 | 2 | 161 | Sue Johnston | 33 | vT | 32:37:02 | F | 99-009 | 3 |
| 67 | Ricky Denesik | 48 | co | 30:21:23 | M | 08-003 | 5 | 162 | Tyler Curiel | 45 | TX | 32:41:50 | M | 01-010 | 12 |
| 68 | Ted Mahon | 37 | co | 30:21:26 | M | 10-006 | 6 | 163 | Tyler Curiel | 53 | TX | 32:42:15 | M | 09-013 | 12 |
| 69 | David Horton | 48 | VA | 30:27:00 | M | 98-002 | 5 | 164 | Rhonda Claridge | 45 | co | 32:43:00 | F | 12-020 | 2 |
| 70 | Scott Gordon | 40 | NM | 30:27:45 | M | 01-006 | 3 | 165 | Scott Mills | 56 | CA | 32:43:17 | M | 07-011 | 5 |
| 71 | Joseph Shults | 46 | co | 30:29:27 | M | 06-002 | 2 | 166 | Neal Taylor | 44 | co | 32:43:26 | M | 06-008 | 5 |
| 72 | Jason Poole | 38 | co | 30:31:21 | M | 10-007 | 4 | 167 | Giselher Schneider | 34 | GER | 32:43:54 | M | 98-007 | 2 |
| 73 | Mark C. McDermott | 38 | UK | 30:33:31 | M | 97-001T |  | 168 | Kirk Apt | 35 | co | 32:43:58 | M | 97-004 | 19 |
| 74 | Mark Hartell | 32 | UK | 30:33:31 | M | 97-001T | 3 | 169 | Jan Fiala | 50 | NM | 32:45:55 | M | 03-006 | 6 |
| 75 | Curtis Anderson | 40 | co | 30:37:21 | M | 03-004 | 2 | 170 | Brett Sublett | 40 | co | 32:47:58 | M | 05-010 | 2 |
| 76 | Paul Sweeney | 38 | CA | 30:39:14 | M | 04-001 | 6 | 171 | Cory Johnson | 48 | UT | 32:48:00 | M | 12-021 | 6 |
| 77 | Ruth Zollinger | 36 | UT | 30:40:38 | F | 01-007 |  | 172 | David Coblentz | 45 | NM | 32:48:31 | M | 08-007 | 6 |
| 78 | Jonathan Robinson | 34 | WA | 30:41:39 | M | 13-011 |  | 173 | Allen Hadley | 50 | co | 32:48:50 | M | 07-012 | 4 |
| 79 | James Nelson | 40 | UT | 30:43:06 | M | 00-004 | 6 | 174 | Betsy Kalmeyer | 43 | co | 32:48:52 | F | 04-005 | 14 |
| 80 | Jan Fiala | 47 | NM | 30:43:20 | M | 00-005 | 6 | 175 | Mikio Miyazoe | 37 | JAPAN | 32:50:37 | M | 13-016 |  |
| 81 | Rick Trujillo | 48 | CO | 30:44:17 | M | 96-001 | 2 | 176 | Betsy Nye | 41 | CA | 32:52:09 | F | 06-009 | 12 |
| 82 | Glenn Mackie | 45 | TX | 30:45:12 | M | 07-006 | 6 | 177 | Scott Jaime | 37 | co | 32:53:53 | M | 07-013 | 7 |
| 83 | Dominic Grossman | 26 | CA | 30:46:00 | M | 12-015 |  | 178 | Tom Hayes-McGoff | 53 | MT | 32:55:00 | M | 03-007 | 4 |
| 84 | Jonathan Worswick | 37 | CA | 30:46:16 | M | 00-006 | 3 | 179 | Tom Remkes | 47 | UT | 32:56:00 | M | 08-008 | 3 |
| 85 | Chad Brakelsberg | 40 | UT | 30:47:10 | M | 13-012 |  | 180 | Glenn Mackie | 51 | TX | 32:56:45 | M | 13-017 | 6 |
| 86 | Phill Kiddoo | 33 | CA | 30:52:33 | M | 07-007 | 2 | 181 | David Hayes | 45 | UT | 32:57:00 | M | 12-022 |  |
| 87 | Mark Hartell | 31 | UK | 30:54:13 | M | 96-002 | 3 | 182 | Mark Lange | 30 | co | 32:58:30 | M | 93-003 | 3 |
| 88 | Jared Campbell | 28 | UT | 30:55:24 | M | 08-004 | 8 | 183 | Tyler Curiel | 54 | TX | 32:58:49 | M | 10-017 | 12 |
| 89 | Hans Put | 38 | NY | 30:56:23 | M | 99-002 | 2 | 184 | Roch Horton | 43 | co | 32:59:02 | M | 01-011 | 10 |
| 90 | Duncan Callahan | 29 | co | 30:57:00 | M | 11-008 |  | 185 | Jonathan Worswick | 35 | CA | 33:01:15 | M | 98-008 | 3 |
| 91 | Adam Hewey | 42 | WA | 30:57:15 | M | 10-008 | 2 | 186 | Betsy Nye | 38 | CA | 33:02:28 | F | 03-008 | 12 |
| 92 | John Beard | 46 | TX | 30:59:05 | M | 10-009 | 2 | 187 | Betsy Kalmeyer | 39 | co | 33:05:50 | F | 00-011 | 14 |
| 93 | Sam Thompson | 28 | WA | 31:03:13 | M | 09-007 |  | 188 | Jan Fiala | 45 | NM | 33:08:05 | M | 99-010 | 6 |
|  | Kirk Apt |  |  | 31:03:20 | M | 98-003 | 19 | 189 | Kirk Apt | 44 | co | 33:10:13 | M | 06-010 | 19 |

Hardrock Hundred Historical Results (as of 7/15/13)

| Place | Name | Age | State | Time | Sex | YearPlace | Number <br> Finished | Place | Name | Age | State | Time | Sex | Year- <br> Place | Number Finished |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 190 | Brett Gosney | 52 | co | 33:14:00 | M | 11-011 | 7 | 285 | Thomas Nielsen | 37 | CA | 34:52:07 | M | 97-007 |  |
| 191 | David Coblentz | 50 | NM | 33:14:00 | M | 12-023 | 6 | 286 | Jared Campbell | 25 | UT | 34:53:28 | M | 05-015 | 8 |
| 192 | Billy Simpson | 58 | TN | 33:14:43 | M | 13-018 | 8 | 287 | James Varner | 30 | WA | 34:54:26 | M | 07-025 | 2 |
| 193 | Ted Mahon | 34 | co | 33:15:00 | M | 07-014 | 6 | 288 | Chad Armstrong | 43 | TX | 34:55:00 | M | 11-013 |  |
| 194 | Tom Garrison | 42 | NM | 33:17:25 | M | 01-012 | 5 | 289 | Betsy Kalmeyer | 44 | co | 34:55:21 | F | 05-016 | 14 |
| 195 | David Wilcox | 47 | co | 33:17:48 | M | 09-014 | 4 | 290 | Mike Ehrlich | 43 | co | 34:57:58 | M | 06-014 | 12 |
| 196 | Jeff Browning | 36 | OR | 33:18:08 | M | 07-015 |  | 291 | John Hallsten | 48 | MT | 34:58:36 | M | 04-013 | 4 |
| 197 | Scott Jaime | 35 | co | 33:18:48 | M | 05-011 | 7 | 292 | Matthew Hart | 36 | UT | 34:59:00 | M | 11-014 |  |
| 198 | Jamil Coury | 24 | AZ | 33:19:56 | M | 09-015 | 2 | 293 | Scott Eppelman | 40 | TX | 34:59:18 | M | 07-026 | 9 |
| 199 | Clark Fox | 50 | CO | 33:20:00 | M | 12-024 |  | 294 | Rob Erskine | 43 | CO | 35:01:30 | M | 13-025 |  |
| 200 | Greg Hartman | 36 | co | 33:22:59 | M | 10-018 | 5 | 295 | Charlie Thorn | 53 | NM | 35:01:57 | M | 99-016 | 10 |
| 201 | Ty Draney | 33 | wy | 33:23:07 | M | 07-016 | 2 | 296 | Bruce Grant | 42 | CAN | 35:03:05 | M | 08-014 | 5 |
| 202 | Drew Gunn | 39 | co | 33:24:21 | M | 13-019 | 2 | 297 | Mike Burke | 52 | OR | 35:05:09 | M | 03-014 | 5 |
| 203 | Regis Shivers Jr. | 29 | OH | 33:25:32 | M | 99-011 |  | 298 | Alfred Bogenhuber | 59 | CA | 35:05:26 | M | 99-017 | 2 |
| 204 | Betsy Kalmeyer | 47 | co | 33:25:58 | F | 08-009 | 14 | 299 | Brock Gavery | 30 | WA | 35:10:45 | M | 07-027 |  |
| 205 | Bruce Grant | 41 | CAN | 33:26:35 | M | 07-017 | 5 | 300 | Corey Hanson | 36 | co | 35:11:00 | M | 12-029 |  |
| 206 | Erich Peitzsch | 30 | MT | 33:30:19 | M | 09-016 | 2 | 301 | Tyler Curiel | 50 | LA | 35:11:29 | M | 06-015 | 12 |
| 207 | Blake Wood | 42 | NM | 33:30:59 | M | 01-013 | 18 | 302 | Tom Remkes | 51 | UT | 35:12:00 | M | 12-030 | 3 |
| 208 | Terry Sentinella | 46 | WA | 33:33:00 | M | 10-019 |  | 303 | Tom Garrison | 49 | NM | 35:12:43 | M | 07-028 | 5 |
| 209 | Joseph Shults | 43 | co | 33:33:57 | M | 03-009 | 2 | 304 | Glenn Mackie | 46 | TX | 35:12:58 | M | 08-015 | 6 |
| 210 | Billy Simpson | 57 | TN | 33:34:00 | M | 12-025 | 8 | 305 | Helen Cospolich | 32 | CO | 35:13:56 | F | 09-024 |  |
| 211 | Robert Youngren | 34 | AL | 33:36:13 | M | 08-010 | 3 | 306 | Scott Mills | 50 | VA | 35:14:04 | M | 01-017 | 5 |
| 212 | Jason Halladay | 33 | NM | 33:36:20 | M | 07-018 | 2 | 307 | Bruce Grant | 43 | CAN | 35:14:45 | M | 09-025 | 5 |
| 213 | Dennis Herr | 45 | va | 33:37 | M | 92-002 | 4 | 308 | Gordon Hardman | 46 | co | 35:16:01 | M | 97-008 | 8 |
| 214 | Tyler Curiel | 51 | TX | 33:38:22 | M | 07-019 | 12 | 309 | Scott Mason | 46 | UT | 35:16:29 | M | 08-016 |  |
| 215 | Betsy Nye | 42 | CA | 33:39:28 | F | 07-020 | 12 | 310 | Neal Taylor | 46 | co | 35:18:57 | M | 08-017 | 5 |
| 216 | Roch Horton | 46 | co | 33:39:40 | M | 04-006 | 10 | 311 | Betsy Nye | 34 | CA | 35:19:20 | F | 99-018 | 12 |
| 217 | Kirk Apt | 37 | co | 33:39:53 | M | 99-012 | 19 | 312 | Brett Gosney | 50 | co | 35:21:02 | M | 09-026 | 7 |
| 218 | Tom Garrison | 45 | NM | 33:40:26 | M | 04-007 | 5 | 313 | John Beard | 44 | TX | 35:22:53 | M | 08-018 | 2 |
| 219 | Mark Heaphy | 34 | MT | 33:41:47 | M | 97-005 | 15 | 314 | Pete Stevenson | 38 | co | 35:23:00 | M | 11-015 | 2 |
| 220 | Blake Wood | 38 | NM | 33:43:25 | M | 97-006 | 18 | 315 | Betsy Nye | 44 | CA | 35:25:04 | F | 09-027 | 12 |
| 221 | Christian Johnson | 41 | UT | 33:44:00 | M | 12-026 | 2 | 316 | Cory Johnson | 44 | UT | 35:25:20 | M | 08-019 | 6 |
| 222 | Jon Teisher | 36 | co | 33:45:04 | M | 13-020 | 4 | 317 | James Nelson | 43 | UT | 35:26:38 | M | 03-015 | 6 |
| 223 | Mike Ehrlich | 46 | co | 33:46:04 | M | 09-017 | 12 | 318 | John Robinson | 36 | OR | 35:28:12 | M | 01-018 | 3 |
| 224 | Betsy Nye | 36 | CA | 33:48:53 | F | 01-014 | 12 | 319 | Kurt Madden | 38 | CA | 35:29:00 | M | 94-006 | 2 |
| 225 | Andy Lapkass | 41 | co | 33:49:44 | M | 99-013 |  | 320 | Tyler Curiel | 49 | LA | 35:29:23 | M | 05-017 | 12 |
| 226 | Alfred Bogenhuber | 64 | CA | 33:51:00 | M | 03-010T | 2 | 321 | Charlie Thorn | 54 | NM | 35:29:32 | M | 00-019 | 10 |
| 227 | Mike Tilden | 37 | UT | 33:51:00 | M | 03-010 | 3 | 322 | Ricky Denesik | 53 | co | 35:31:00 | M | 12-031 | 5 |
| 228 | Mike Burke | 57 | OR | 33:51:31 | M | 08-011 | 5 | 323 | Steve Roark | 41 | AZ | 35:31:03 | M | 09-028 | 2 |
| 229 | Tom Garrison | 46 | NM | 33:51:58 | M | 05-012 | 5 | 324 | Drew Gunn | 38 | co | 35:34:00 | M | 12-033 | 2 |
| 230 | Darla Askew | 40 | OR | 33:52:00 | F | 12-027 | 2 | 325 | Shinsuke Isomura | 33 | JAPAN | 35:34:00 | M | 12-032 |  |
| 231 | Allen Hadley | 47 | co | 33:54:06 | M | 04-008 | 4 | 326 | John Robinson | 38 | OR | 35:34:20 | M | 03-016 | 3 |
| 232 | David Coblentz | 50 | NM | 33:55:52 | M | 13-021 | 6 | 327 | Steve Douglas | 42 | CA | 35:34:30 | M | 07-029 |  |
| 233 | Ronda Sundermeier | 42 | OR | 33:56:29 | F | 09-018 |  | 328 | Betsy Kalmeyer | 48 | co | 35:35:05 | F | 09-029 | 14 |
| 234 | Mark Heaphy | 31 | MT | 33:57:32 | M | 94-004 | 15 | 329 | Charlie Thorn | 52 | NM | 35:35:17 | M | 98-010 | 10 |
| 235 | Billy Simpson | 51 | TN | 33:59:15 | M | 06-011 | 8 | 330 | Scott Brockmeier | 48 | GA | 35:35:50 | M | 10-026 | 7 |
| 236 | Gordon Hardman | 45 | co | 33:59:55 | M | 96-006 | 8 | 331 | Kirk Apt | 34 | co | 35:35:50 | M | 96-009 | 19 |
| 237 | Randy Isler | 43 | NM | 34:01:24 | M | 00-012 | 17 | 332 | Rob Edde | 34 | CA | 35:38:05 | M | 04-014 |  |
| 238 | Tim Cannon | 39 | co | 34:02:36 | M | 01-015 |  | 333 | Chip Lee | 38 | co | 35:44:16 | M | 93-005 | 3 |
| 239 | Brett Gosney | 53 | co | 34:03:00 | M | 12-028 | 7 | 334 | Neal Taylor | 47 | co | 35:46:09 | M | 10-027 | 5 |
| 240 | lan Torrence | 33 | NV | 34:03:40 | M | 05-013 |  | 335 | Jason Poole | 35 | co | 35:46:27 | M | 06-016 | 4 |
| 241 | Michael Sandlin | 46 | VA | 34:06:22 | M | 00-013 | 2 | 336 | Blake Wood | 48 | NM | 35:46:37 | M | 07-030 | 18 |
| 242 | Jason Koop | 31 | co | 34:06:22 | M | 10-020 | 2 | 337 | Gordon Hardman | 41 | co | 35:47 | M | 92-003 | 8 |
| 243 | Blake Wood | 45 | NM | 34:09:23 | M | 04-009 | 18 | 338 | Keith Knipling | 27 | $1 /$ | 35:47:28 | M | 03-017 | 2 |
| 244 | Micheal McCarthy | 45 | OR | 34:11:19 | M | 09-019 |  | 339 | Elizabeth McGoff | 41 | MT | 35:47:41 | F | 01-019 |  |
| 245 | Brian Fisher | 42 | co | 34:12:24 | M | 07-021 | 3 | 340 | Phill Kiddoo | 34 | CA | 35:47:44 | M | 08-020 | 2 |
| 246 | Allen Hadley | 53 | co | 34:14:22 | M | 10-021 | 4 | 341 | Tim Long | 45 | UT | 35:49:00 | M | 12-034 | 2 |
| 247 | Gordon Hardman | 48 | co | 34:15:29 | M | 99-014 | 8 | 342 | Bill Geist | 38 | NM | 35:50:10 | M | 09-030 | 3 |
| 248 | Paul Sweeney | 40 | CA | 34:16:20 | M | 06-012 | 6 | 343 | Neal Taylor | 43 | co | 35:50:16 | M | 05-018 | 5 |
| 249 | James Miller | 50 | co | 34:16:30 | M | 05-014 | 2 | 344 | Daniel Benhammou | 32 | co | 35:50:30 | M | 13-026 | 5 |
| 250 | Ryan Cooper | 37 | co | 34:17:00 | M | 11-012 |  | 345 | Erich Peitzsch | 33 | MT | 35:51:00 | M | 11-016 | 2 |
| 251 | Tim Stroh | 48 | WA | 34:17:53 | M | 10-022 |  | 346 | Randy Isler | 44 | NM | 35:51:21 | M | 01-020 | 17 |
| 252 | Roch Horton | 49 | UT | 34:18:05 | M | 07-022 | 10 | 347 | Rolly Portelance | 54 | CAN | 35:51:27 | M | 97-009 | 2 |
| 253 | Ken Jensen | 39 | UT | 34:18:05 | M | 07-022 | 2 | 348 | Kirk Apt | 43 | co | 35:52:16 | M | 05-019 | 19 |
| 254 | Gordon Hardman | 49 | co | 34:19:37 | M | 00-014 | 8 | 349 | Gordon Hardman | 43 | co | 35:52:19 | M | 94-007 | 8 |
| 255 | Garrett Graubins | 37 | CO | 34:19:45 | M | 10-023 | 3 | 350 | Dennis Herr | 46 | VA | 35:52:31 | M | 93-006 | 4 |
| 256 | Betsy Kalmeyer | 42 | co | 34:20:06 | F | 03-012 | 14 | 351 | Steffen Buttner | 38 | NZ | 35:52:50 | M | 99-019 |  |
| 257 | Roch Horton | 50 | UT | 34:20:38 | M | 08-012 | 10 | 352 | John Prater | 39 | co | 35:54:20 | M | 10-028 | 2 |
| 258 | Kirk Apt | 31 | co | 34:21:01 | M | 93-004 | 19 | 353 | Billy Simpson | 56 | TN | 35:55:00 | M | 11-017 | 8 |
| 259 | Jeremy Suwinski | 34 | UT | 34:21:41 | M | 13-022 |  | 354 | Edward Boggess | 43 | co | 35:55:12 | M | 01-021 | 2 |
| 260 | Billy Simpson | 54 | TN | 34:26:00 | M | 09-020 | 8 | 355 | Brian Robinson | 46 | CA | 35:55:44 | M | 07-031 |  |
| 261 | Tyler Curiel | 43 | TX | 34:27:19 | M | 99-015 | 12 | 356 | Tim Seminoff | 45 | UT | 35:58:07 | M | 03-018 | 2 |
| 262 | Tyler Curiel | 48 | LA | 34:28:06 | M | 04-010 | 12 | 357 | Chris Twiggs | 39 | FL | 35:58:17 | M | 10-029 | 9 |
| 263 | Jake Jones | 33 | co | 34:30:11 | M | 06-013 | 2 | 358 | Pasi Kurkilahti | 27 | FIN | 35:58:21 | M | 06-017 |  |
| 264 | Peter Bakwin | 42 | co | 34:32:00 | M | 04-011 | 2 | 359 | Paul Hopwood | 45 | HI | 35:58:56 | M | 08-021 |  |
| 265 | Betsy Nye | 35 | CA | 34:35:33 | F | 00-015 | 12 | 360 | Joe Lea | 41 | NC | 35:59:00 | M | 11-018 | 2 |
| 266 | Tyler Curiel | 44 | TX | 34:35:49 | M | 00-016 | 12 | 361 | Blake Wood | 41 | NM | 36:03:00 | M | 00-020 | 18 |
| 267 | Paul Fuller | 42 | co | 34:36:15 | M | 94-005 |  | 362 | Nathan Yanko | 30 | CA | 36:03:00 | M | 11-019 |  |
| 268 | Bruce Grant | 44 | CAN | 34:37:38 | M | 10-024 | 5 | 363 | Kris Quandt | 36 | wy | 36:05:41 | M | 10-030 | 2 |
| 269 | Scott Eppelman | 42 | TX | 34:37:55 | M | 09-021 | 9 | 364 | James Miller | 49 | co | 36:05:51 | M | 04-015 | 2 |
| 270 | Mike Tilden | 34 | UT | 34:39:13 | M | 00-017 | 3 | 365 | Jon Teishe | 37 | co | 36:06:00 | M | 12-035 |  |
| 271 | Betsy Kalmeyer | 49 | CO | 34:39:33 | F | 10-025 | 14 | 366 | Dennis Herr | 57 | VA | 36:07:38 | M | 04-016 | 4 |
| 272 | David Coblentz | 44 | NM | 34:39:36 | M | 07-024 | 6 | 367 | Betsy Nye | 43 | CA | 36:08:23 | F | 08-022 | 12 |
| 273 | Scott Eppelman | 34 | TX | 34:39:59 | M | 01-016 | 9 | 368 | Dan Spurlock | 60 | ID | 36:10:35 | M | 13-027 |  |
| 274 | Brian Fisher | 43 | CO | 34:40:16 | M | 08-013 | 3 | 369 | Garrett Graubins | 39 | co | 36:11:00 | M | 11-024 | 3 |
| 275 | Joe Lea | 38 | NC | 34:40:19 | M | 09-022 | 2 | 370 | Emily Baer | 29 | co | 36:11:43 | F | 05-020 | 5 |
| 276 | Mike Burke | 53 | OR | 34:40:57 | M | 04-012 | 5 | 371 | Scott Eppelman | 37 | TX | 36:12:15 | M | 04-017 | 9 |
| 277 | Roch Horton | 42 | co | 34:41:47 | M | 00-018 | 10 | 372 | Paul Sweeney | 44 | CA | 36:13:17 | M | 10-031 | 6 |
| 278 | David Coblentz | 46 | NM | 34:43:21 | M | 09-023 | 6 | 373 | Scott Eppelman | 45 | TX | 36:14:00 | M | 11-020 | 9 |
| 279 | Tyler Curiel | 47 | LA | 34:44:49 | M | 03-013 | 12 | 374 | Betsy Kalmeyer | 46 | co | 36:14:08 | F | 07-032 | 14 |
| 280 | Loren Wohletz | 28 | NM | 34:50:36 | M | 13-023 | 2 | 375 | Kimberly Holak | 38 | MN | 36:15:55 | F | 08-023 | 2 |
| 281 | Scott Mills | 45 | VA | 34:51:15 | M | 96-007T | 5 | 376 | Tim Hewitt | 44 | PA | 36:17:18 | M | 99-020 |  |
| 282 | Joe Clapper | 37 | va | 34:51:15 | M | 96-007T | 3 | 377 | Greg Loomis | 26 | MA | 36:19:47 | M | 00-021 | 2 |
| 283 | Scott McKenzie | 43 | CA | 34:51:19 | M | 98-009 |  | 378 | Mark Melvin | 39 | CA | 36:22:42 | M | 99-021 | 3 |
| 284 | Neal Taylor | 50 | CO | 34:51:31 | M | 13-024 | 5 | 379 | Scott Brockmeier | 47 | GA | 36:24:18 | M | 09-031 | 7 |


| Place | Name | Age | State | Time | Sex | Year- <br> Place | Number Finished | Place | Name | Age | State | Time | Sex | Year- <br> Place | Number Finished |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 380 | Aaron Spurlock | 36 | ID | 36:26:00 | M | 11-021 |  | 475 | David Coblentz | 47 | NM | 37:44:46 | M | 10-040 | 6 |
| 381 | John Hallsten | 53 | MT | 36:27:09 | M | 10-032 | 4 | 476 | Joe Winch | 54 | IA | 37:45:46 | M | 10-041 |  |
| 382 | Tom Hayes-McGoff | 56 | MT | 36:28:28 | M | 06-018 | 4 | 477 | Jason Halladay | 32 | NM | 37:46:04 | M | 06-025 | 2 |
| 383 | Howard Cohen | 50 | CA | 36:33:05 | M | 09-032 | 2 | 478 | Daniel Benhammou | 28 | co | 37:46:46 | M | 08-027 | 5 |
| 384 | Allen Hadley | 52 | co | 36:33:16 | M | 09-033 | 4 | 479 | Charlie Nuttleman | 32 | co | 37:47:07 | M | 09-040 |  |
| 385 | Billy Simpson | 52 | TN | 36:34:30 | M | 07-033 | 8 | 480 | John Amies | 55 | UK | 37:47:28 | M | 97-012T |  |
| 386 | Jon Teisher | 33 | co | 36:35:51 | M | 09-034 | 4 | 481 | Craig Wilson | 48 | ME | 37:47:28 | M | 97-012T | 5 |
| 387 | Kristin Moehl | 35 | WA | 36:36:00 | F | 12-036 |  | 482 | Mike Ehrlich | 42 | CO | 37:49:55 | M | 05-026 | 12 |
| 388 | Todd Salzer | 27 | co | 36:36:33 | M | 01-022 | 8 | 483 | Robert Youngren | 25 | AL | 37:50:48 | M | 99-026 | 3 |
| 389 | Billy Simpson | 49 | TN | 36:38:46 | M | 04-018 | 8 | 484 | Douglas Spencer | 42 | CA | 37:50:59 | M | 00-024 |  |
| 390 | Devin Corcoran | 51 | CA | 36:39:00 | M | 09-035 |  | 485 | Philip Murphy | 41 | ASTRAL | 37:51:37 | M | 10-042 |  |
| 391 | Reinhold Baues | 53 | OR | 36:39:10 | M | 03-019 | 2 | 486 | Don Platt | 51 | CO | 37:51:40 | M | 05-027 | 6 |
| 392 | Greg Hartman | 38 | co | 36:40:00 | M | 11-033 | 5 | 487 | Bert Meyer | 48 | Ст | 37:52:40 | M | 93-008 | 4 |
| 393 | Jeff Arndt | 50 | AK | 36:43:15 | M | 03-020 |  | 488 | Blake Wood | 50 | NM | 37:53:08 | M | 09-041 | 18 |
| 394 | Charlie Thorn | 51 | NM | 36:43:32 | M | 97-010 | 10 | 489 | Aaron Denberg | 46 | WY | 37:55:00 | M | 12-044 | 2 |
| 395 | Jake Jones | 32 | co | 36:44:56 | M | 05-021 | 2 | 490 | Mark Melvin | 47 | CA | 37:56:37 | M | 07-044 | 3 |
| 396 | Dan Tranel | 44 | IA | 36:45:12 | M | 01-023 | 3 | 491 | Patrick Fellay | 47 | zWEIS | 37:56:52 | M | 09-042 |  |
| 397 | Edward Boggess | 42 | co | 36:45:13 | M | 00-022 | 2 | 492 | Darrell Jensen | 40 | WA | 37:57:00 | M | 07-045 |  |
| 398 | John Hallsten | 51 | MT | 36:45:20 | M | 07-034 | 4 | 493 | Mike (CO) Farris | 37 | co | 37:57:35 | M | 10-043 |  |
| 399 | Mark Oveson | 45 | co | 36:46:00 | M | 12-037 |  | 494 | Paul Tidmore | 39 | TX | 37:57:52 | M | 07-046 | 2 |
| 400 | Michael Sandlin | 44 | TX | 36:46:06 | M | 99-022 | 2 | 495 | Glenn Mackie | 43 | TX | 37:58:21 | M | 05-028 | 6 |
| 401 | Betsy Nye | 48 | CA | 36:46:42 | F | 13-028 | 12 | 496 | Paul Ralyea | 42 | VA | 37:58:27 | M | 09-043 |  |
| 402 | Blake Wood | 54 | NM | 36:46:43 | M | 13-029 | 18 | 497 | Mike Weigand | 39 | VT | 38:01:08 | M | 13-038 | 2 |
| 403 | Mike Dobies | 46 | MI | 36:49:35 | M | 07-035 | 9 | 498 | Flavio Dalbosco | 43 | Italy | 38:04:25 | M | 07-047 | 3 |
| 404 | Paul Smith | 54 | co | 36:50:18 | M | 10-033 |  | 499 | Sean Andrish | 39 | VA | 38:04:40 | M | 08-028 | 2 |
| 405 | Saray McCloskey | 40 | UT | 36:51:03 | F | 13-030 |  | 500 | Randy Rhodes | 44 | co | 38:04:42 | M | 94-09T | 5 |
| 406 | Bill Thomas | 47 | WA | 36:51:28 | M | 04-019 |  | 501 | Tim Beaman | 43 | vt | 38:04:42 | M | 94-09T |  |
| 407 | Chip Lee | 39 | co | 36:54:10 | M | 94-008 | 3 | 502 | Doug Seaver | 32 | CA | 38:04:56 | M | 13-039 | 2 |
| 408 | Chris Gerber | 38 | co | 36:55:00 | M | 11-022 | 3 | 503 | Richard Ruid | 38 | мо | 38:05:00 | M | 99-027 |  |
| 409 | Emily Baer | 28 | CO | 36:57:07 | F | 04-020 | 5 | 504 | Kirk Apt | 48 | CO | 38:05:14 | M | 10-044 | 19 |
| 410 | Betsy Nye | 40 | CA | 36:58:25 | F | 05-022 | 12 | 505 | Jim Baker | 56 | ок | 38:05:52 | M | 06-026 | 4 |
| 411 | Bill Geist | 36 | NM | 36:58:56 | M | 07-036 | 3 | 506 | Kristen Kern | 44 | NM | 38:06:13 | M | 09-044 | 11 |
| 412 | Eric Robinson | 31 | CA | 36:59:03 | M | 99-023 | 2 | 507 | John Hallsten | 55 | MT | 38:07:00 | M | 11-030 | 4 |
| 413 | Steve Roark | 42 | AZ | 36:59:09 | M | 10-034 | 2 | 508 | Pete Stevenson | 40 | co | 38:07:52 | M | 13-040 | 2 |
| 414 | Jim Harris | 48 | OH | 37:00:00 | M | 12-039 |  | 509 | William Rideg | 39 | MT | 38:08:14 | M | 04-023 | 2 |
| 415 | Cam Baker | 35 | PA | 37:00:00 | M | 12-038 |  | 510 | Leah Fein | 32 | co | 38:09:00 | F | 12-045 | 2 |
| 416 | Mike Ehrlich | 48 | co | 37:01:00 | M | 11-023 | 12 | 511 | Jared Campbell | 24 | UT | 38:09:11 | M | 04-024 | 8 |
| 417 | Chris Gerber | 39 | co | 37:02:00 | M | 12-041 | 3 | 512 | Stuart Erskine | 47 | CAN | 38:10:00 | M | 12-046 |  |
| 418 | Loren Wohletz | 27 | NM | 37:02:00 | M | 12-040 | 2 | 513 | Greg Hartman | 35 | co | 38:10:04 | M | 08-029 | 5 |
| 419 | Mike Burke | 62 | OR | 37:03:48 | M | 13-031 | 5 | 514 | Todd Holmes | 40 | co | 38:10:24 | M | 96-011 |  |
| 420 | Jan Fiala | 51 | NM | 37:04:00 | M | 04-021 | 6 | 515 | Mark Melvin | 40 | CA | 38:14:35 | M | 00-025 | 3 |
| 421 | Todd Salzer | 38 | co | 37:05:00 | M | 12-042 | 8 | 516 | Scott Eppelman | 46 | TX | 38:16:00 | M | 12-047 | 9 |
| 422 | Scott Olmer | 36 | co | 37:05:42 | M | 07-037 | 8 | 517 | Geoff Miller | 35 | co | 38:16:09 | M | 93-009 | 4 |
| 423 | David Wilcox | 44 | CO | 37:06:54 | M | 06-019 | 4 | 518 | Dennis Drey | 57 | NM | 38:17:02 | M | 09-045 | 10 |
| 424 | Jan Bear | 48 | NM | 37:08:00 | M | 03-021 |  | 519 | Daniel Benhammou | 29 | co | 38:17:16 | M | 10-045 | 5 |
| 425 | Odin Christensen | 45 | co | 37:08:05 | M | 93-007 | 7 | 520 | Scott Olmer | 41 | co | 38:18:00 | M | 12-048 | 8 |
| 426 | Paul Schoenlaub | 48 | мо | 37:09:58 | M | 07-038 | 4 | 521 | Randy Rhodes | 43 | co | 38:18:06 | M | 93-010 | 5 |
| 427 | Tyler Curiel | 52 | TX | 37:13:31 | M | 08-024 | 12 | 522 | Jan Fiala | 44 | NM | 38:19:31 | M | 98-011 | 6 |
| 428 | Phil Kahn | 43 | co | 37:14:32 | M | 96-010 | 4 | 523 | Blake Wood | 35 | NM | 38:20:22 | M | 94-011 | 18 |
| 429 | David Wilcox | 51 | co | 37:15:36 | M | 13-032 | 4 | 524 | Blake Wood | 53 | NM | 38:21:00 | M | 11-031 | 18 |
| 430 | James Varner | 35 | WA | 37:15:39 | M | 13-033 | 2 | 525 | Chris Labbe | 40 | co | 38:21:16 | M | 09-046 |  |
| 431 | Daniel Benhammou | 31 | CO | 37:16:00 | M | 11-025 | 5 | 526 | Keith Baker | 49 | co | 38:21:37 | M | 04-025 | 3 |
| 432 | Paul Sweeney | 42 | CA | 37:18:34 | M | 08-025 | 6 | 527 | Cory Johnson | 45 | UT | 38:21:58 | M | 10-046 | 6 |
| 433 | John Cappis | 50 | NM | 37:19 | M | 92-04T |  | 528 | William Cook | 44 | CA | 38:22:00 | M | 12-049 |  |
| 434 | Charlie Thorn | 46 | NM | 37:19 | M | 92-04T | 10 | 529 | Scott Kuhn | 41 | co | 38:22:00 | M | 11-032 |  |
| 435 | Roch Horton | 45 | co | 37:19:00 | M | 03-022 | 10 | 530 | Kirk Apt | 50 | co | 38:24:00 | M | 12-050 | 19 |
| 436 | Dennis Drey | 55 | NM | 37:19:25 | M | 07-039 | 10 | 531 | Scott Eppelman | 45 | TX | 38:24:21 | M | 13-041 | 9 |
| 437 | Greg Hartman | 39 | co | 37:19:47 | M | 13-034 | 5 | 532 | Kristen Kern | 41 | NM | 38:24:49 | M | 06-027 | 11 |
| 438 | Will Vaughan | 37 | CO | 37:21:07 | M | 09-036 | 2 | 533 | Kirk Apt | 45 | CO | 38:25:28 | M | 07-048 | 19 |
| 439 | Mike Mitchell | 40 | UT | 37:21:16 | M | 99-024T | 2 | 534 | Greg Martell | 41 | wy | 38:25:38 | M | 98-012 |  |
| 440 | Mike Tilden | 32 | UT | 37:21:16 | M | 99-024T | 3 | 535 | Garry Curry | 55 | co | 38:29:44 | M | 09-047T | 3 |
| 441 | Laura Vaughan | 31 | CA | 37:22:32 | F | 97-011 | 2 | 536 | Kirk Apt | 47 | co | 38:29:44 | M | 09-047T | 19 |
| 442 | Cory Johnson | 48 | UT | 37:22:34 | M | 13-035 | 6 | 537 | Blake Wood | 44 | NM | 38:30:10 | M | 03-023 | 18 |
| 443 | Eric Pence | 43 | CO | 37:22:58 | M | 09-037 | 2 | 538 | Stephanie Ehret | 42 | CO | 38:30:30 | F | 04-026 |  |
| 444 | David Pease | 47 | UT | 37:24:43 | M | 10-035 | 4 | 539 | Dennis Drey | 53 | NM | 38:32:31 | M | 05-029 | 10 |
| 445 | James Nelson | 47 | UT | 37:26:08 | M | 07-040 | 6 | 540 | Eric Robinson | 30 | CA | 38:32:43 | M | 98-013 | 2 |
| 446 | Randy Isler | 50 | NM | 37:27:26 | M | 07-041 | 17 | 541 | Ken Farley | 45 | CA | 38:33:05 | M | 10-047 | 2 |
| 447 | Kurt Coonrod | 47 | NM | 37:27:26 | M | 07-041 | 3 | 542 | Gordon Hardman | 47 | CO | 38:34:56 | M | 98-014 | 8 |
| 448 | Ken Farley | 48 | CA | 37:29:00 | M | 12-043 | 2 | 543 | Scott Olmer | 37 | CO | 38:35:01 | M | 08-030 |  |
| 449 | Blake Wood | 49 | NM | 37:29:03 | M | 08-026 | 18 | 544 | Scott Olmer | 39 | CO | 38:36:15 | M | 10-048 | 8 |
| 450 | Fred Ecks | 43 | CA | 37:29:49 | M | 09-038 | 2 | 545 | Chris Twiggs | 38 | FL | 38:36:58 | M | 09-049 | 9 |
| 451 | Jon Teisher | 34 | co | 37:31:26 | M | 10-036 | 4 | 546 | Tim Neckar | 37 | TX | 38:37:53 | M | 99-028 |  |
| 452 | Donnie Haubert | 32 | co | 37:32:24 | M | 10-037 |  | 547 | Todd Salzer | 32 | co | 38:38:25 | M | 06-028 | 8 |
| 453 | James Nelson | 45 | UT | 37:32:58 | M | 05-023 | 6 | 548 | Michael Ehredt | 47 | ID | 38:38:49 | M | 08-031 |  |
| 454 | Raymond Olexa | 39 | co | 37:33:39 | M | 05-024 |  | 549 | Chris Gerber | 36 | KY | 38:40:50 | M | 10-049 | 3 |
| 455 | Mohammed Idlibi | 30 | NC | 37:33:40 | M | 09-039 |  | 550 | Todd Salzer | 29 | co | 38:40:50 | M | 03-024 | 8 |
| 456 | Wayne Rancourt | 49 | ID | 37:35:00 | M | 11-026 |  |  | Margaret (Heaphy) |  |  |  |  |  |  |
| 457 | Scott Eppelman | 33 | TX | 37:36:11 | M | 00-023 | 9 | 551 | Smith | 38 | MT | 38:43:09 | F | 94-012 | 10 |
| 458 | Tyler Curiel | 57 | TX | 37:36:18 | M | 13-036 | 12 | 552 | Bob Bachani | 57 | AZ | 38:43:30 | M | 13-042 | 3 |
| 459 | Robert Orr | 50 | AR | 37:36:29 | M | 04-022 |  | 553 | Wouter Hamelinck | 26 | BELGM | 38:44:09 | M | 08-032 |  |
| 460 | Randy Isler | 49 | nM | 37:37:07 | M | 06-021T | 17 | 554 | Dave Dixson | 28 | NM | 38:44:55 | M | 99-029 |  |
| 461 | Cory Johnson | 42 | UT | 37:37:07 | M | 06-021T | 6 | 555 | Odin Christensen | 44 | co | 38:45 | M | 92-006 | 7 |
| 462 | Corey Handelsman | 28 | MD | 37:37:07 | M | 06-021T |  | 556 | Paul Schoenlaub | 49 | MO | 38:45:31 | M | 08-033 | 4 |
| 463 | Marc Miller | 28 | wr | 37:37:55 | M | 10-038 |  | 557 | Dennis Drey | 54 | NM | 38:46:44 | M | 06-029T | 10 |
| 464 | Christian Johnson | 40 | UT | 37:38:00 | M | 11-027 | 2 | 558 | Kurt Coonrod | 46 | NM | 38:46:44 | M | 06-029T | 3 |
| 465 | Ben Corrales | 38 | UT | 37:38:00 | M | 11-028 |  | 559 | Chad Hyson | 42 | CAN | 38:46:55 | M | 13-043 |  |
| 466 | Howie Stern | 43 | CA | 37:38:39 | M | 13-037 | 5 | 560 | Mark Christopherson | 40 | UT | 38:47:37 | M | 08-034 |  |
| 467 | Klas Eklof | 35 | CA | 37:39:20 | M | 06-023 |  | 561 | Blake Wood | 54 | NM | 38:49:00 | M | 12-051 | 18 |
| 468 | Sean Andrish | 37 | va | 37:39:50 | M | 06-024 | 2 | 562 | Julian Jamison | 39 | MA | 38:49:00 | M | 12-052 | 3 |
| 469 | Mike Ehrlich | 47 | co | 37:42:34 | M | 10-039 | 12 | 563 | Mike Ehrlich | 44 | co | 38:49:40 | M | 07-049 | 12 |
| 470 | Charlie Thorn | 55 | NM | 37:42:55 | M | 01-024 | 10 | 564 | Randy Rhodes | 47 | co | 38:50:48 | M | 97-014 | 5 |
| 471 | David Larsen | 40 | OR | 37:43:00 | M | 11-029 | 2 | 565 | John Dove | 44 | GA | 38:51:17 | M | 08-035 |  |
| 472 | Jeff Holdaway | 43 | va | 37:43:03 | M | 01-025 | 3 | 566 | John Constan | 45 | co | 38:53:00 | M | 12-053 |  |
| 473 | David Williams | 54 | CA | 37:43:48 | M | 07-043 | 2 | 567 | Chris Nute | 36 | co | 38:53:17 | M | 04-027 | 2 |
| 474 | Blake Wood | 46 | NM | 37:44:30 | M | 05-025 | 18 | 568 | Mike Burke | 58 | OR | 38:53:44 | M | 09-050 | 5 |

[^0]| Place | Name | Age | State | Time | Sex | Year- <br> Place | Number Finished | Place | Name | Age | State | Time | Sex | Year- <br> Place | Number Finished |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 569 | Dale Petersen | 44 | co | 38:54:09 | M | 00-026 |  | 664 | Bruce Hoff | 42 | CA | 40:10:01 | M | 04-033 |  |
| 570 | Jeff List | 50 | MA | 38:54:43 | M | 09-051 | 3 | 665 | Andrew Addis | 42 | UK | 40:12:31 | M | 97-016T | 2 |
| 571 | Randy Isler | 47 | NM | 38:56:43 | M | 04-028 | 17 | 666 | Paul McClintock | 31 | UK | 40:12:31 | M | 97-016T |  |
| 572 | Randy Isler | 54 | NM | 38:57:00 | M | 11-034 | 17 | 667 | Scott Brockmeier | 49 | GA | 40:13:00 | M | 11-045 | 7 |
| 573 | Tom Rowe | 50 | MT | 38:58:06 | M | 99-030 | 4 | 668 | Ryan McDonald | 35 | мо | 40:13:25 | M | 09-064 |  |
| 574 | Chip Lee | 43 | co | 38:58:29 | M | 98-015 | 3 | 669 | James Benike | 49 | MN | 40:15:12 | M | 99-038 | 3 |
| 575 | Blake Wood | 51 | NM | 38:58:42 | M | 10-050 | 18 | 670 | Mike Ehrlich | 49 | co | 40:17:00 | M | 12-058 | 12 |
| 576 | Emily (Baer) Loman | 24 | co | 38:58:58 | F | 00-027 | 5 | 671 | Chris Twiggs | 42 | FL | 40:19:59 | M | 13-050 | 9 |
| 577 | Kristen Kern | 42 | NM | 38:59:15 | M | 07-050 | 11 | 672 | Liz Bauer | 51 | GA | 40:22:41 | F | 10-057 | 6 |
| 578 | Hiroki Ishikawa | 29 | JAPAN | 38:59:30 | M | 04-029 | 2 | 673 | Eric Payne | 31 | co | 40:23:00 | M | 12-059 |  |
| 579 | Julian Jamison | 38 | MA | 39:02:00 | M | 11-035 | 3 | 674 | Randy Wojno | 50 | co | 40:23:42 | M | 10-058 | 4 |
| 580 | David Pease | 48 | UT | 39:03:00 | M | 11-036 | 4 | 675 | Mike James | 42 | MT | 40:23:59 | M | 13-051 |  |
| 581 | Rhonda Claridge | 41 | co | 39:06:33 | F | 09-052 | 2 | 676 | Betsy Kalmeyer | 51 | co | 40:26:00 | F | 12-060 | 14 |
| 582 | Shane Martin | 46 | UT | 39:07:10 | M | 13-044 |  | 677 | John McGrew | 39 | co | 40:26:03 | M | 97-018 | 3 |
| 583 | Blake Wood | 39 | NM | 39:07:59 | M | 98-016 | 18 | 678 | Diane Van Deren | 50 | co | 40:26:44 | F | 10-059 | 7 |
| 584 | Paul Grimm | 39 | CO | 39:09:25 | M | 07-051 |  | 679 | John Demorest | 46 | CA | 40:26:58 | M | 97-019 |  |
| 585 | Brett Gosney | 44 | co | 39:09:54 | M | 03-025 | 7 | 680 | Rob Hacker | 48 | co | 40:28:28 | M | 09-065 | 2 |
| 586 | Andrew Heard | 43 | AZ | 39:10:00 | M | 09-053 |  | 681 | Mark Heaphy | 46 | MT | 40:31:00 | M | 09-066 | 15 |
| 587 | Bob Bachani | 53 | AZ | 39:10:18 | M | 09-054T | 3 | 682 | Brian Kent | 52 | co | 40:31:25 | M | 09-067 |  |
| 588 | Rodger Wrublik | 52 | CO | 39:10:18 | M | 09-054T | 7 | 683 | Flavio Dalbosco | 46 | ITALY | 40:32:31 | M | 10-060 | 3 |
| 589 | Joe Clapper | 50 | va | 39:11:09 | M | 09-056 | 3 | 684 | John Prater | 42 | co | 40:33:23 | M | 13-052 | 2 |
| 590 | Craig Wilson | 55 | ME | 39:11:17 | M | 04-030 | 5 | 685 | Murray Schart | 50 | UT | 40:33:24 | M | 09-068 | 6 |
| 591 | Todd Salzer | 37 | CO | 39:14:00 | M | 11-037 | 8 | 686 | Larry Alire | 50 | co | 40:33:45 | M | 97-020 | 2 |
| 592 | Howie Stern | 40 | CA | 39:15:06 | M | 10-051 | 5 | 687 | Mike Ehrlich | 38 | co | 40:35:07 | M | 01-030 | 12 |
| 593 | Scott Gala | 41 | MI | 39:15:13 | M | 07-052 |  | 688 | Brett Gosney | 48 | CO | 40:35:21 | M | 07-055 | 7 |
| 594 | Greg Hartman | 34 | co | 39:15:15 | M | 07-053 | 5 | 689 | Diane Van Deren | 49 | CO | 40:35:50 | F | 09-069 | 7 |
| 595 | Roger Jensen | 60 | CO | 39:15:30 | M | 10-052 |  | 690 | Odin Christensen | 48 | co | 40:35:50 | M | 96-013 | 7 |
| 596 | Robert Rikoon | 54 | NM | 39:16:07 | M | 09-057 | 2 | 691 | Jeffrey Mark Wilbur | 48 | va | 40:35:52 | M | 07-056 |  |
| 597 | Betsy Nye | 47 | CA | 39:17:00 | F | 11-038 | 12 | 692 | Cory Johnson | 43 | UT | 40:35:52 | M | 07-056 | 6 |
| 598 | Joanne Urioste | 42 | NV | 39:18:26 | F | 94-013 |  | 693 | Douglas McKeever | 45 | WA | 40:38:15 | M | 93-012 |  |
| 599 | Murray Schart | 44 | UT | 39:18:47 | M | 03-026 | 6 | 694 | Bill Geist | 42 | ASTRIA | 40:40:50 | M | 13-053 | 3 |
| 600 | Tina Ure | 50 | CA | 39:20:55 | F | 10-053 | 3 | 695 | Fred Ecks | 42 | CA | 40:40:51 | M | 08-044 | 2 |
| 601 | Susan Gebhart | 57 | co | 39:21:00 | F | 12-054 | 3 | 696 | Mark Heaphy | 45 | MT | 40:40:55 | M | 08-045 | 15 |
| 602 | Scott Grierson | 27 | ME | 39:21:12 | M | 94-014 |  | 697 | Devin Gardiner | 30 | co | 40:42:50 | M | 07-058 | 2 |
| 603 | Yves Detry | 58 | FRANCE | 39:21:30 | M | 06-031T |  | 698 | Betsy Kalmeyer | 35 | CO | 40:43:13 | F | 96-014 | 14 |
| 604 | Etienne Fert | 40 | FRANCE | 39:21:30 | M | 06-031T |  | 699 | David Williams | 59 | CA | 40:44:00 | M | 12-061 | 2 |
| 605 | Chris Nute | 30 | co | 39:21:33 | M | 98-017 | 2 | 700 | Randy Isler | 53 | NM | 40:44:35 | M | 10-061 | 17 |
| 606 | Susan Gebhart | 52 | co | 39:22:00 | F | 07-054 | 3 | 701 | Dima Feinhous | 50 | MA | 40:46:41 | M | 13-054 |  |
| 607 | Adrian Crane | 38 | CA | 39:22:10 | M | 93-011 |  | 702 | Joe Prusaitis | 46 | TX | 40:47:48 | M | 01-031 | 7 |
| 608 | Dan Tranel | 43 | IA | 39:22:56 | M | 00-028 | 3 | 703 | Neil Blake | 48 | NM | 40:48:15 | M | 13-055 | 2 |
| 609 | Megan Finnesy | 44 | co | 39:24:00 | F | 12-055 |  | 704 | Jeff Holdaway | 54 | VA | 40:48:30 | M | 13-056 | 3 |
| 610 | Eric Pence | 33 | CO | 39:25:58 | M | 99-031 | 2 | 705 | Charlie Thorn | 57 | NM | 40:49:14 | M | 03-032 | 10 |
| 611 | Dennis Drey | 52 | NM | 39:26:36 | M | 04-031T | 10 | 706 | Andrew Hewat | 46 | ASTRAL | 40:50:28 | M | 09-070 | 3 |
| 612 | Kurt Coonrod | 44 | NM | 39:26:36 | M | 04-031T | 3 | 707 | Jean-Francois Geiss | 60 | FR | 40:51:29 | M | 13-057 | 5 |
| 613 | Randy Rhodes | 46 | co | 39:26:37 | M | 96-012 | 5 | 708 | Mike Price | 51 | UT | 40:51:38 | M | 01-032 | 3 |
| 614 | Larry Kundrik | 53 | CAN | 39:27:53 | M | 10-054 | 2 | 709 | Bud Phillips | 57 | CA | 40:52:20 | M | 04-034 | 5 |
| 615 | Randy Isler | 46 | NM | 39:28:31 | M | 03-027T | 17 | 710 | Paul Schoenlaub | 53 | мо | 40:52:39 | M | 13-058 | 4 |
| 616 | Kristen Kern | 38 | NM | 39:28:31 | M | 03-027T | 11 | 711 | Blake Wood | 47 | NM | 40:53:20 | M | 06-035 | 18 |
| 617 | Mark Williams | 31 | CA | 39:29:50 | M | 97-015 |  | 712 | Kris Quandt | 37 | wy | 40:55:00 | M | 11-046 | 2 |
| 618 | Lance Goss | 53 | CA | 39:30:50 | M | 99-032 | 2 | 713 | Geoff Miller | 38 | co | 40:55:06 | M | 96-015 | 4 |
| 619 | Trevor Garner | 33 | ID | 39:31:00 | M | 11-039 |  | 714 | Mike Dobies | 48 | MI | 40:56:11 | M | 09-071 | 9 |
| 620 | Bill Laster | 49 | AR | 39:31:14 | M | 98-018 |  | 715 | Russ Evans | 45 | VA | 40:56:40 | M | 04-035T |  |
| 621 | James Demer | 40 | ME | 39:31:22 | M | 09-058 |  | 716 | Scott Brockmeier | 42 | NC | 40:56:40 | M | 04-035T | 7 |
| 622 | Julian Jamison | 36 | CA | 39:31:58 | M | 09-059 | 3 | 717 | Jeff List | 52 | MA | 40:57:00 | M | 11-047 | 3 |
| 623 | Steve Pattillo | 48 | NM | 39:32:30 | M | 99-033 | 3 | 718 | Allen Czecholinski | 53 | WI | 40:57:38 | M | 00-029 | 2 |
| 624 | Mike Ehrrich | 36 | co | 39:34:40 | M | 99-034 | 12 | 719 | Ryan McDermott | 34 | UT | 40:57:50 | M | 10-062 | 2 |
| 625 | Kelly Korevec | 26 | UT | 39:35:21 | M | 08-036 |  | 720 | Eliza McLean | 32 | NC | 40:57:57 | F | 98-019 ${ }^{\text {T }}$ |  |
| 626 | Gary Knipling | 60 | VA | 39:36:05 | M | 03-029 |  | 721 | Steve Simmons | 32 | wv | 40:57:57 | M | 98-019T |  |
| 627 | Howie Stern | 39 | CA | 39:36:27 | M | 08-037 | 5 | 722 | Don Platt | 50 | CO | 40:58:09 | M | 04-037 | 6 |
| 628 | Roch Horton | 40 | CO | 39:37:02 | M | 99-035 | 10 | 723 | Keith Baker | 47 | NM | 40:58:10 | M | 01-034T | 3 |
| 629 | Scott Olmer | 38 | CO | 39:38:36 | M | 09-060 | 8 | 724 | Carl Jess | 43 | NM | 40:58:10 | M | 01-034T |  |
| 630 | Scott Eppelman | 41 | TX | 39:39:16 | M | 08-038 | 9 | 725 | Kristen Kern | 36 | NM | 40:58:10 | M | 01-034T | 11 |
| 631 | PoDog Vogler | 45 | AR | 39:41:00 | M | 11-040 |  | 726 | Robert Rikoon | 53 | NC | 40:58:22 | M | 08-046 | 2 |
| 632 | Keith Baker | 48 | NM | 39:41:17 | M | 03-030 | 3 | 727 | Jack Kurisky | 43 | VA | 40:58:30 | M | 10-063 | 2 |
| 633 | Bud Phillips | 61 | NM | 39:42:34 | M | 08-039 | 5 | 728 | Rodger Wrublik | 50 | co | 41:00:15 | M | 07-059 | 7 |
| 634 | Tom Stockton | 50 | NM | 39:45:09 | M | 10-055 |  | 729 | Rodger Wrublik | 51 | co | 41:01:31 | M | 08-047 | 7 |
| 635 | Dennis Herr | 52 | VA | 39:45:15 | M | 99-036 | 4 | 730 | Harry Harcrow | 45 | co | 41:02:00 | M | 12-062 |  |
| 636 | Sean Cunniff | 41 | NM | 39:45:41 | M | 13-045 |  | 731 | Larry Kundrik | 56 | CAN | 41:03:00 | M | 12-063 | 2 |
| 637 | Dan Curley | 43 | CA | 39:45:45 | M | 99-037 | 3 | 732 | Jerry Gray | 55 | CO | 41:04:20 | M | 01-036 |  |
| 638 | Brett Sublett | 41 | CO | 39:46:20 | M | 06-033 | 2 | 733 | Mark McDermott | 31 | CO | 41:04:55 | M | 93-013 |  |
| 639 | Kirk Apt | 46 | co | 39:46:40 | M | 08-040 | 19 | 734 | Bill Thompson | 58 | ASTRAL | 41:05:16 | M | 00-030 |  |
| 640 | Mike Dobies | 42 | MI | 39:48:22 | M | 03-031 | 9 | 735 | Murray Schart | 48 | UT | 41:06:01 | M | 07-060 | 6 |
| 641 | Betsy Kalmeyer | 52 | CO | 39:48:40 | F | 13-046 | 14 | 736 | Billy Simpson | 53 | TN | 41:07:01 | M | 08-048 | 8 |
| 642 | Michael Popov | 33 | CA | 39:49:00 | M | 11-041 |  | 737 | Scott Olmer | 35 | CO | 41:07:20 | M | 06-036 | 8 |
| 643 | Mike Ehrlich | 45 | co | 39:50:07 | M | 08-041 | 12 | 738 | Jeff Heasley | 42 | co | 41:08:53 | M | 09-072 | 2 |
| 644 | Ken Gordon | 43 | NM | 39:50:30 | M | 08-042 | 4 | 739 | Mark Cosmas | 41 | AZ | 41:10:40 | M | 08-049 |  |
| 645 | Jeff List | 54 | MA | 39:51:11 | M | 13-047 | 3 | 740 | Phil Kahn | 53 | co | 41:10:51 | M | 06-037 | 4 |
| 646 | John DeWalt | 65 | PA | 39:52:35 | M | 01-026 | 14 | 741 | Ryan McDermott | 31 | CO | 41:11:20 | M | 07-061 | 2 |
| 647 | Mike Dobies | 47 | MI | 39:52:47 | M | 08-043 | 9 | 742 | Blake Wood | 37 | NM | 41:11:36 | M | 96-016 | 18 |
| 648 | Dan Curley | 53 | CA | 39:54:20 | M | 09-061T | 3 | 743 | Lance Johnson | 43 | nM | 41:12:17 | M | 09-073 | 6 |
| 649 | Beat Jegerlehner | 40 | CA | 39:54:20 | M | 09-061T | 2 | 744 | Steve Pero | 50 | MA | 41:14:11 | M | 01-037 | 3 |
| 650 | Mark Lange | 29 | co | 39:55 | M | 92-007 | 3 | 745 | Scott Brockmeier | 44 | WA | 41:17:10 | M | 06-038 | 7 |
| 651 | Randy Isler | 52 | NM | 39:55:07 | M | 09-063 | 17 | 746 | Don Platt | 49 | CO | 41:17:34 | M | 03-033 | 6 |
| 652 | Thomas Knutson | 51 | MN | 39:56:28 | M | 01-027 | 4 | 747 | Paul Schoenlaub | 52 | мо | 41:18:00 | M | 11-048 | 4 |
| 653 | Doug Newton | 35 | co | 39:57:00 | M | 11-042 |  | 748 | Steve Pattillo | 47 | NM | 41:18:55 | M | 98-021 | 3 |
| 654 | Kurt Madden | 57 | CA | 39:58:40 | M | 13-048 | 2 | 749 | Mark Heaphy | 42 | MT | 41:22:24 | M | 05-030 | 15 |
| 655 | Jeff Collins | 48 | CA | 40:00:48 | M | 01-028 |  | 750 | Martyn Greaves | 33 | UK | 41:22:34 | M | 93-014 | 2 |
| 656 | Scott Olmer | 40 | CO | 40:01:00 | M | 11-043 | 8 | 751 | Gary Cuffin | 53 | CO | 41:23:04 | M | 04-038 | 2 |
| 657 | Brian Murray | 39 | NM | 40:02:00 | M | 12-056 |  | 752 | Randy Isler | 56 | NM | 41:23:34 | M | 13-059 | 17 |
| 658 | Bryan Johnson | 37 | MT | 40:02:00 | M | 12-057 |  | 753 | Chad Piala | 36 | co | 41:23:35 | M | 13-060 | 3 |
| 659 | James Nelson | 46 | UT | 40:02:06 | M | 06-034 | 6 | 754 | Randy Wojno | 40 | CO | 41:23:50 | M | 99-039 | 4 |
| 660 | Jack Kurisky | 46 | va | 40:02:14 | M | 13-049 | 2 | 755 | Randy Isler | 48 | NM | 41:23:56 | M | 05-031 | 17 |
| 661 | Kristen Kern | 45 | NM | 40:05:35 | M | 10-056 | 11 | 756 | Flora Krivat-Tetley | 32 | HI | 41:25:59 | F | 13-061 |  |
| 662 | Mike (MN) Farris | 46 | MN | 40:07:58 | M | 01-029 | 2 | 757 | David Fullford | 46 | WA | 41:26:22 | M | 06-039 | 2 |
| 663 | Philip Wiley | 50 | CO | 40:09:00 | M | 11-044 | 2 | 758 | Nick Williams | 50 | AR | 41:26:46 | M | 93-015 | 2 |

[^1]| Place | Name | Age | State | Time | Sex | Year- <br> Place | Number <br> Finished | Place | Name | Age | State | Time | Sex | Year- <br> Place | Number Finished |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 759 | Mark Heaphy | 41 | MT | 41:28:40 | M | 04-039 | 15 | 852 | Peter Bakwin | 44 | co | 42:50:09 | M | 06-049 | 2 |
| 760 | Mike Dobies | 36 | MI | 41:31:46 | M | 97-021 | 9 | 853 | Julian Smith | 47 | co | 42:52:08 | M | 13-073 | 2 |
| 761 | Glen Turner | 44 | co | 41:31:55 | M | 03-034 |  | 854 | Liz Bauer | 50 | GA | 42:52:40 | F | 09-080 | 6 |
| 762 | Reinhold Baues | 51 | OR | 41:37:19 | M | 01-038 | 2 | 855 | Mark Heaphy | 47 | mт | 42:52:40 | M | 10-069 | 15 |
| 763 | Gregory Trapp | 47 | OH | 41:37:47 | M | 10-064 | 2 | 856 | Joe Prusaitis | 45 | TX | 42:53:30 | M | 00-034 | 7 |
| 764 | Kim Gimenez | 48 | CA | 41:37:55 | F | 13-062 |  | 857 | Ken Gordon | 48 | NM | 42:54:07 | M | 13-074 | 4 |
|  | Margaret (Heaphy) |  |  |  |  |  |  | 858 | Jon Teisher | 32 | co | 42:55:01 | M | 08-059 | 4 |
| 765 | Smith | 37 | MT | 41:38:38 | F | 93-016 | 10 | 859 | Rob Cassady | 43 | co | 42:55:37 | M | 08-060 |  |
| 766 | Chad Piala | 32 | co | 41:40:24 | M | 09-074 | 3 | 860 | Nigel Finney | 54 | MN | 42:56:00 | M | 00-035 | 5 |
| 767 | Jim Campiformio | 59 | CT | 41:41:22 | M | 09-075 |  | 861 | Brad Hatten | 47 | co | 42:57:50 | M | 03-039 |  |
| 768 | David Larsen | 42 | OR | 41:43:21 | M | 13-063 | 2 | 862 | Chad Carson | 49 | UT | 42:58:23 | M | 08-062 | 2 |
| 769 | Todd Salzer | 36 | CO | 41:45:10 | M | 10-065 | 8 | 863 | David Arnold Larsen | 38 | UT | 42:58:23 | M | 08-061 |  |
| 770 | Scott Snyder | 58 | co | 41:45:40 | M | 13-064 | 2 | 864 | Larry Hall | 52 | 14 | 42:58:42 | M | 06-050 | 5 |
| 771 | Rick Hodges | 54 | CA | 41:46:55 | M | 03-035 | 9 | 865 | Nigel Finney | 55 | MN | 42:59:55 | M | 01-041 | 5 |
| 772 | Michael James | 38 | MT | 41:47:20 | M | 09-076 | 2 | 866 | Jim Fisher | 43 | NM | 42:59:59 | M | 94-019 | 5 |
| 773 | Philip Wiley | 47 | CO | 41:49:39 | M | 09-077 | 2 | 867 | Randy Isler | 55 | NM | 43:01:00 | M | 12-069 | 17 |
| 774 | Dan Tranel | 46 | IA | 41:50:08 | M | 03-036T | 3 | 868 | Chad Piala | 36 | co | 43:01:00 | M | 12-070 | 3 |
| 775 | Mark Heaphy | 40 | MT | 41:50:08 | M | 03-036T | 15 | 869 | Jean-Francois Geiss | 54 | FRANCE | 43:02:04 | M | 07-068 | 5 |
| 776 | Bert Meyer | 49 | CT | 41:50:26 | M | 94-015 | 4 | 870 | Adam Byerly | 33 | co | 43:04:00 | M | 12-071 |  |
| 777 | Mark Heaphy | 49 | MT | 41:51:00 | M | 11-049 | 15 | 871 | Kirk Boisseree | 44 | CA | 43:05:56 | M | 01-042 | 2 |
| 778 | Jim Fisher | 48 | NM | 41:51:41 | M | 99-040 | 5 | 872 | Todd Salzer | 33 | co | 43:06:22 | M | 07-069 | 8 |
| 779 | Tim Adams | 36 | CO | 41:53:00 | M | 12-064 |  | 873 | Garry Curry | 42 | co | 43:08:06 | M | 96-019 | 3 |
| 780 | Mike Dobies | 45 | MI | 41:53:59 | M | 06-040 | 9 | 874 | Randy Wojno | 36 | co | 43:08:06 | M | 96-019 ${ }^{\text {¢ }}$ | 4 |
| 781 | Ken Legg | 49 | CAN | 41:56:27 | M | 13-065 |  |  | Hans-Dieter |  |  |  |  |  |  |
| 782 | Charlie Thorn | 58 | NM | 41:57:38 | M | 04-040 | 10 | 875 | Weisshaar | 66 | GER | 43:08:40 | M | 06-051T | 8 |
|  | Hans-Dieter |  |  |  |  |  |  | 876 | Odin Christensen | 59 | CO | 43:08:40 | M | 06-051T | 7 |
| 783 | Weisshaar | 64 | GER | 41:57:52 | M | 04-041 | 8 | 877 | Greg Eason | 34 | AR | 43:08:52 | M | 04-046 |  |
| 784 | Tina Ure | 52 | CA | 41:58:00 | F | 11-050 | 3 | 878 | Gretchen Brugman | 39 | CA | 43:10:00 | F | 12-072 |  |
| 785 | David Terry | 44 | OR | 41:59:24 | M | 05-032 | 2 | 879 | Odin Christensen | 54 | co | 43:10:30 | M | 99-045 | 7 |
| 786 | Jeb Burchenal | 42 | co | 42:00:52 | M | 04-042 | 2 | 880 | James Benike | 55 | MN | 43:10:45 | M | 04-047T | 3 |
| 787 | Scott Brockmeier | 51 | GA | 42:00:57 | M | 13-066 | 7 | 881 | Thomas Knutson | 54 | MN | 43:10:45 | M | 04-047T | 4 |
| 788 | William Rideg | 38 | MT | 42:01:38 | M | 03-038 | 2 | 882 | Steve Pattillo | 51 | NM | 43:11:27 | M | 01-043 | 3 |
| 789 | James Benike | 47 | MN | 42:01:39 | M | 97-022T | 3 | 883 | Thomas Green | 45 | MD | 43:12:43 | M | 96-021 |  |
| 790 | Matthew Janney | 42 | OR | 42:01:39 | M | 97-022T |  |  | Hans-Dieter |  |  |  |  |  |  |
| 791 | Liz Bauer | 54 | GA | 42:02:28 | F | 13-067 | 6 | 884 | Weisshaar | 68 | GER | 43:13:00 | M | 08-063 | 8 |
| 792 | Matthew Watts | 53 | CO | 42:03:30 | M | 10-066 |  | 885 | Bob Crowley | 55 | CA | 43:13:00 | M | 12-074 | 2 |
| 793 | Dennis Drey | 56 | NM | 42:03:43 | M | 08-050 | 10 | 886 | Levi Burford | 31 | NH | 43:13:00 | M | 12-073 |  |
| 794 | John DeWalt | 63 | PA | 42:03:53 | M | 99-041 | 14 | 887 | Murray Schart | 51 | UT | 43:13:49 | M | 10-070 | 6 |
| 795 | Rick Hodges | 55 | CA | 42:03:58 | M | 04-043 | 9 | 888 | Julie Westland-Litus | 35 | CO | 43:14:50 | F | 93-017 | 4 |
| 796 | Luis De Arriba India | 44 | SPAIN | 42:04:00 | M | 11-051 |  | 889 | Mike Dobies | 40 | MI | 43:15:07 | M | 01-044 | 9 |
| 797 | Kirk Apt | 51 | co | 42:04:09 | M | 13-068 | 19 | 890 | John McGrew | 41 | co | 43:16:30 | M | 99-046 | 3 |
| 798 | Chris Twiggs | 37 | FL | 42:04:18 | M | 08-051 | 9 | 891 | Chris Twiggs | 42 | FL | 43:19:00 | M | 12-075 | 9 |
| 799 | Carol Gerber | 44 | co | 42:06:40 | F | 07-062 | 2 | 892 | Bob Combs | 46 | co | 43:19:32 | M | 13-075 | 4 |
| 800 | Steve McCormick | 49 | CO | 42:06:55 | M | 94-017T |  | 893 | Ken Ward | 53 | OR | 43:19:35 | M | 10-071 | 4 |
| 801 | Garry Curry | 40 | co | 42:06:55 | M | 94-017T | 3 | 894 | Odin Christensen | 49 | co | 43:20:05 | M | 97-025T | 7 |
| 802 | Lew Larson | 40 | CO | 42:06:55 | M | 94-017T |  | 895 | Geoff Miller | 39 | CO | 43:20:05 | M | 97-025T | 4 |
| 803 | Mike Ehrlich | 37 | co | 42:07:59 | M | 00-031 | 12 | 896 | Milan Milanovich | 37 | zWEIS | 43:20:05 | M | 97-025T |  |
| 804 | Honey Albrecht | 50 | AZ | 42:08:21 | F | 09-078 |  | 897 | Mark Heaphy | 44 | MT | 43:20:47 | M | 07-070 | 15 |
| 805 | Flavio Dalbosco | 42 | ITALY | 42:11:33 | M | 06-041 | 3 | 898 | Tina Ura | 53 | CA | 43:20:54 | F | 13-076 |  |
| 806 | Jim Fisher | 45 | NM | 42:12:30 | M | 96-017 | 5 | 899 | Dennis Aslett | 58 | ID | 43:21:06 | M | 07-071 |  |
| 807 | Jeb Burchenal | 47 | co | 42:12:53 | M | 09-079 | 2 | 900 | Jim Fisher | 42 | NM | 43:21:10 | M | 93-018 | 5 |
| 808 | Chuck Kroger | 55 | co | 42:13:12 | M | 01-039 | 6 | 901 | Ginny LaForme | 53 | NM | 43:22:36 | F | 03-040T | 3 |
| 809 | Tara Burton | 39 | co | 42:14:00 | F | 11-052 |  | 902 | Craig Wilson | 54 | ME | 43:22:36 | M | 03-040T | 5 |
| 810 | Ken Ward | 47 | OR | 42:14:45 | M | 04-044 | 4 | 903 | Terry Gebhardt | 36 | CO | 43:22:57 | M | 08-064 |  |
| 811 | Rickie Redland | 52 | co | 42:14:52 | F | 06-042T | 9 | 904 | Mike Weigand | 38 | vt | 43:23:00 | M | 12-076 | 2 |
| 812 | Susan Gebhart | 51 | co | 42:14:52 | F | 06-042T | 3 | 905 | Diana Widdowson | 41 | PA | 43:23:29 | F | 07-072 |  |
| 813 | Todd Salzer | 34 | co | 42:15:34 | M | 08-052 | 8 | 906 | Rickie Redland | 49 | co | 43:23:32 | F | 03-042 | 9 |
| 814 | Jeff Holdaway | 48 | va | 42:16:38 | M | 06-044 | 3 | 907 | Steve Pero | 57 | NM | 43:25:51 | M | 08-065 | 3 |
| 815 | Lyle Nay | 46 | UT | 42:17:24 | M | 07-063 |  | 908 | Jim Fisher | 47 | NM | 43:26:26 | M | 98-022 | 5 |
| 816 | Matt Mahoney | 44 | FL | 42:17:42 | M | 00-032 | 4 | 909 | Jamshid Khajavi | 57 | WA | 43:30:02 | M | 10-072 |  |
| 817 | Howard Cohen | 49 | CA | 42:18:36 | M | 08-053 | 2 | 910 | David Fullford | 45 | WA | 43:30:23 | M | 05-033 | 2 |
| 818 | Diane Van Deren | 48 | co | 42:18:40 | F | 08-054 | 7 | 911 | Stan Ferguson | 49 | AR | 43:30:36 | M | 13-077 | 3 |
| 819 | Lance Johnson | 46 | NM | 42:20:00 | M | 12-065 | 6 | 912 | Jim Baker | 54 | OK | 43:30:47 | M | 04-049 | 4 |
| 820 | Rickie Redland | 53 | CO | 42:20:40 | F | 07-064 | 9 | 913 | Steve McClung | 46 | co | 43:31:35 | M | 08-066 | 3 |
| 821 | Diane Van Deren | 47 | CO | 42:20:40 | F | 07-064 | 7 | 914 | Murray Schart | 46 | UT | 43:31:39 | M | 05-034 | 6 |
| 822 | Andrea Williams | 30 | co | 42:22:00 | F | 11-053 |  | 915 | Dan Curley | 57 | CA | 43:33:37 | M | 13-078 | 3 |
| 823 | Chris Twiggs | 36 | FL | 42:22:00 | M | 07-066 | 9 | 916 | Alan Smith | 44 | co | 43:33:56 | M | 13-079 | 2 |
| 824 | Larry Inouye | 53 | H | 42:22:25 | M | 13-069 |  | 917 | Rob Hacker | 49 | co | 43:35:04 | M | 10-073 | 2 |
| 825 | Tom Rowe | 52 | MT | 42:22:59 | M | 00-033 | 4 | 918 | Gordon Hardman | 59 | CO | 43:39:12 | M | 10-074 | 8 |
| 826 | John Robinson | 41 | OR | 42:23:00 | M | 06-045 | 3 | 919 | Mike Price | 50 | UT | 43:39:24 | M | 00-036 | 3 |
| 827 | Will Carlon | 38 | co | 42:25:20 | M | 13-070 |  | 920 | Mike (MN) Farris | 45 | MN | 43:39:27 | M | 00-037 | 2 |
| 828 | Randy Rhodes | 42 | co | 42:26 | M | 92-008T | 5 | 921 | Steve McClung | 44 | co | 43:39:45 | M | 06-053 | 3 |
| 829 | Thomas Knutson | 41 | MN | 42:26 | M | 92-008T | 4 | 922 | Steve McClung | 48 | co | 43:40:25 | M | 10-075 | 3 |
| 830 | Will Vaughan | 34 | co | 42:27:43 | M | 06-046 | 2 | 923 | Art Bourque | 41 | AZ | 43:41:35 | M | 03-043 |  |
| 831 | Jim Baker | 58 | OK | 42:29:39 | M | 08-055 | 4 | 924 | Carol Gerber | 45 | CO | 43:41:40 | F | 08-067 | 2 |
| 832 | Bob Crowley | 56 | CA | 42:30:33 | M | 13-071 | 2 | 925 | Julie Westland-Litus | 36 | CO | 43:41:47 | F | $94-021 \mathrm{~T}$ | 4 |
| 833 | Dmitry Lysenko | 37 | nJ | 42:33:00 | M | 12-066 |  | 926 | Steve Tilley | 47 | AR | 43:41:47 | M | $94-021 \mathrm{~T}$ | 2 |
| 834 | David Schurr | 48 | CA | 42:33:47 | M | 08-056 |  | 927 | Phil Kahn | 41 | co | 43:41:47 | M | 94-021T | 4 |
| 835 | Ken Gordon | 47 | NM | 42:34:00 | M | 12-067 | 4 | 928 | Robert Youngren | 31 | AL | 43:43:26 | M | 05-035 | 3 |
| 836 | Randy Gehrke | 50 | ID | 42:35:07 | M | 07-067 |  | 929 | Kirk McCarville | 53 | AZ | 43:43:52 | M | 07-073 | 2 |
| 837 | Brett Gosney | 47 | co | 42:35:09 | M | 06-047 | 7 | 930 | Rick Hodges | 63 | co | 43:44:00 | M | 12-077 | 9 |
| 838 | Diane Ridgway | 50 | co | 42:37:23 | F | 99-042 | 2 | 931 | Jay Dobrowalski | 32 | CA | 43:45:00 | M | 11-055 |  |
| 839 | Matt Mahoney | 43 | FL | 42:39:14 | M | 99-043 | 4 | 932 | Diane Van Deren | 51 | co | 43:46:00 | F | 11-056 | 7 |
| 840 | Ken Ward | 55 | OR | 42:40:00 | M | 12-068 | 4 | 933 | Douglas Mclnturff | 41 | co | 43:46:13 | M | 00-038 |  |
| 841 | Josh Mietz | 32 | NE | 42:40:00 | M | 11-054 |  | 934 | Rickie Redland | 50 | CO | 43:46:34 | F | 04-050 | 9 |
| 842 | Jon MacManus | 45 | CO | 42:40:26 | M | 96-018 | 2 | 935 | Kirk Apt | 49 | CO | 43:47:00 | M | 11-057 | 19 |
| 843 | Michael Bur | 41 | MD | 42:40:49 | M | 06-048 | 4 | 936 | Hal Winton | 64 | CA | 43:48:16 | M | 96-022 |  |
| 844 | Edward Strickland | 45 | CO | 42:42:36 | M | 01-040 |  | 937 | Rodger Wrublik | 49 | AZ | 43:48:18 | M | 06-054 | 7 |
| 845 | Tetsuro Ogata | 31 | JAPAN | 42:42:44 | M | 13-072 |  | 938 | Burgess Harmer | 51 | NV | 43:48:33 | M | 93-019 |  |
| 846 | Bert Meyer | 54 | CT | 42:42:55 | M | 99-044 | 4 | 939 | Don Platt | 47 | co | 43:48:36 | M | 01-045 | 6 |
| 847 | Randy Wojno | 49 | co | 42:43:12 | M | 08-057 | 4 | 940 | Murray Schart | 42 | UT | 43:48:42 | M | 01-046 | 6 |
| 848 | Paul Tidmore | 40 | TX | 42:44:25 | M | 08-058 | 2 | 941 | John Sharp | 35 | TX | 43:49:00 | M | 12-078 | 2 |
| 849 | Stan Ferguson | 46 | AR | 42:46:09 | M | 10-067 | 3 | 942 | Jerry Bloom | 53 | CA | 43:49:04 | M | 06-055 | 3 |
| 850 | Kristen Kern | 39 | NM | 42:47:30 | M | 04-045 | 11 | 943 | David Lygre | 53 | WA | 43:49:12 | M | 96-023 |  |
| 851 | Thomas Schnitzius | 57 | CO | 42:50:09 | M | 10-068 | 4 | 944 | Chris Twiggs | 41 | FL | 43:51:00 | M | 11-058 | 9 |


| Place | Name | Age | State | Time | Sex | Year- <br> Place | Number <br> Finished | Place | Name | Age | State | Time | Sex | Year- <br> Place | Number Finished |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 945 | Liz Bauer | 48 | GA | 43:51:15 | F | 07-074 | 6 | 1039 | Nigel Finney | 52 | MN | 44:51:20 | M | 99-048 | 5 |
| 946 | Matt Hornung | 40 | co | 43:51:51 | M | 97-027 | 2 | 1040 | Jim Baker | 53 | OK | 44:52:20 | M | 03-050 | 4 |
| 947 | Hans van Willigen | 60 | MA | 43:51:53 | M | 98-023 |  | 1041 | Harris Goodman | 47 | CA | 44:53:00 | M | 12-085 | 2 |
| 948 | Alan Smith | 43 | co | 43:52:00 | M | 12-079 | 2 | 1042 | Rollin Perry | 64 | IA | 44:53:23 | M | 03-051T | 7 |
| 949 | Rick Hodges | 64 | co | 43:52:07 | M | 13-080 | 9 | 1043 | Joe Prusaitis | 48 | TX | 44:53:23 | M | 03-051T | 7 |
| 950 | Allen Belshaw | 33 | CO | 43:52:43 | M | 00-039 |  | 1044 | Larry Alire | 51 | CO | 44:53:58 | M | 98-026T | 2 |
| 951 | Andrea Feucht | 30 | NM | 43:52:57 | F | 04-051 | 2 | 1045 | Phil Kahn | 45 | co | 44:53:58 | M | 98-026T | 4 |
| 952 | Bob Bachani | 50 | AZ | 43:53:17 | M | 06-056 | 3 | 1046 | Chris Twiggs | 35 | FL | 44:54:01 | M | 06-063 | 9 |
| 953 | Jeff Heasley | 40 | co | 43:54:34 | M | 07-075 | 2 | 1047 | Jean-Francois Geiss | 56 | FRANCE | 44:54:22 | M | 09-082T | 5 |
| 954 | Roberta Orr | 38 | AR | 43:55:21 | F | 04-052 |  | 1048 | Michael Bur | 44 | MD | 44:54:22 | M | 09-082T | 4 |
| 955 | Craig Wilson | 57 | ME | 43:56:34 | M | 06-057 | 5 | 1049 | Dick Curtis | 56 | co | 44:54:29 | M | 01-050 | 5 |
| 956 | Dennis Drey | 60 | NM | 43:57:00 | M | 11-059 | 10 | 1050 | Ken DeBeer | 49 | мо | 44:55:28 | M | 00-046 |  |
| 957 | Chuck Kroger | 54 | co | 43:57:00 | M | 00-040 | 6 | 1051 | Rich Haefele | 40 | co | 44:57:45 | M | 07-082 | 4 |
| 958 | Kuni Yamagata | 60 | CA | 43:57:08 | M | 13-081 |  | 1052 | Andrea Wiegand | 25 | NE | 44:58:11 | F | 06-064 |  |
| 959 | Rick Gates | 46 | UT | 43:57:28 | M | 03-044 |  | 1053 | Jon MacManus | 53 | co | 44:58:11 | M | 04-060 | 2 |
| 960 | Wendell Doman | 50 | CA | 43:59:48 | M | 10-076 | 4 | 1054 | Diane Ridgway | 47 | co | 44:58:45 | F | 96-026 | 2 |
| 961 | Kristina Irvin | 46 | CA | 44:01:00 | F | 04-053 | 7 | 1055 | Rodger Wrublik | 55 | CO | 45:00:00 | M | 12-086 | 7 |
| 962 | Rodger Wrublik | 48 | AZ | 44:01:02 | M | 05-036 | 7 | 1056 | Matt Mahoney | 45 | FL | 45:00:03 | M | 01-051 | 4 |
| 963 | George Hitzfeld | 46 | TX | 44:02:25 | M | 06-058 | 2 | 1057 | Rick Hodges | 56 | CA | 45:03:49 | M | 05-041 | 9 |
| 964 | Jim Drummond | 51 | UK | 44:05:20 | M | 03-045 | 2 | 1058 | Larry Hall | 55 | 14 | 45:05:32 | M | 09-084 | 5 |
| 965 | Mike Price | 60 | UT | 44:05:45 | M | 10-077 | 3 | 1059 | Colin Kingsford | 58 | UK | 45:05:58 | M | 00-047 |  |
| 966 | Odin Christensen | 57 | co | 44:06:29 | M | 04-054 | 7 | 1060 | Diane Van Deren | 44 | co | 45:06:31 | F | 04-061 | 7 |
| 967 | Thomas Schnitzius | 53 | CO | 44:07:07 | M | 06-059 | 4 | 1061 | John DeWalt | 68 | PA | 45:06:33 | M | 04-062 | 14 |
| 968 | Mark Heaphy | 50 | MT | 44:08:00 | M | 12-080 | 15 | 1062 | John DeWalt | 61 | PA | 45:06:54 | M | 97-031 | 14 |
| 969 | John Addis | 41 | UK | 44:08:10 | M | 96-024 |  | 1063 | Michael Bur | 45 | MD | 45:07:26 | M | 10-080 | 4 |
| 970 | Mark Spangler | 45 | MN | 44:08:48 | M | 97-028 |  | 1064 | Jean Paul Otmani | 45 | FRANCE | 45:09:06 | M | 08-076 |  |
| 971 | Chris Twiggs | 34 | FL | 44:09:01 | M | 05-037 | 9 | 1065 | Andrea Feucht | 31 | NM | 45:10:35 | F | 05-042 | 2 |
| 972 | Paul Gross | 48 | CO | 44:10:43 | M | 13-082 | 3 | 1066 | Kerry Collings | 49 | UT | 45:11:46 | M | 98-028 | 7 |
| 973 | Devin Gardiner | 28 | CO | 44:11:23 | M | 05-038 | 2 | 1067 | Jan Gnass | 49 | CA | 45:12:25 | M | 99-049 | 2 |
| 974 | Andrew Matulionis | 42 | MT | 44:11:38 | M | 07-076 | 2 | 1068 | Rodger Wrublik | 54 | CO | 45:13:00 | M | 11-064 | 7 |
| 975 | Joe Prusaitis | 54 | TX | 44:13:38 | M | 08-068 | 7 | 1069 | Neil Blake | 46 | NM | 45:13:00 | M | 11-065 | 2 |
|  | Mary Lou Morgan- |  |  |  |  |  |  | 1070 | Kristina Irvin | 50 | CA | 45:15:48 | F | 08-077 | 7 |
| 976 | Pentasuglio | 43 | co | 44:13:42 | F | 97-029 | 2 | 1071 | Chris Gerber | 39 | co | 45:15:48 | M | 13-087 |  |
| 977 | Bud Phillips | 60 | CA | 44:13:59 | M | 07-077 | 5 | 1072 | Geoff Scott | 57 | NC | 45:16:36 | M | 05-043 |  |
| 978 | BJ Haeck | 43 | CA | 44:15:15 | M | 13-083 |  | 1073 | Buddy Teaster | 49 | TX | 45:17:12 | M | 13-088 |  |
| 979 | Larry Hall | 53 | 1 L | 44:15:26 | M | 07-078 | 5 | 1074 | Rick Hodges | 52 | CA | 45:17:15 | M | 01-052 | 9 |
| 980 | Bud Phillips | 53 | co | 44:16:33 | M | 00-041 | 5 | 1075 | Jerry Bloom | 54 | CA | 45:17:25 | M | 07-083 | 3 |
| 981 | Mike Mitchell | 41 | UT | 44:16:44 | M | 00-042 | 2 | 1076 | Harris Goodman | 48 | CA | 45:17:38 | M | 13-089 | 2 |
| 982 | Tim Long | 44 | co | 44:17:00 | M | 11-060 | 2 | 1077 | Ken Ward | 54 | OR | 45:18:00 | M | 11-066 | 4 |
| 983 | Kerry Owens | 49 | DC | 44:20:00 | F | 12-081 |  | 1078 | Michelle Schwartz | 41 | co | 45:18:03 | F | 09-085 |  |
| 984 | Rickie Redland | 56 | CO | 44:21:31 | F | 10-078 | 9 | 1079 | Don Platt | 53 | co | 45:18:30 | M | 07-084 | 6 |
| 985 | Kristina Irvin | 42 | CA | 44:22:58 | F | 00-043 | 7 | 1080 | Lori Bantekas | 40 | WY | 45:18:56 | F | 09-086 |  |
| 986 | Lance Johnson | 42 | NM | 44:23:04 | M | 08-069 | 6 | 1081 | Jean-Francois Geiss | 55 | FRANCE | 45:18:58 | M | 08-078 | 5 |
| 987 | Lance Johnson | 41 | NM | 44:23:13 | M | 07-079 | 6 | 1082 | John DeWalt | 69 | PA | 45:20:18 | M | 05-044 | 14 |
| 988 | Dennis Drey | 61 | NM | 44:24:00 | M | 12-082 | 10 | 1083 | Jan Gnass | 54 | CA | 45:20:20 | M | 03-053 | 2 |
| 989 | Gary Redwine | 55 | OR | 44:25:00 | M | 12-083 |  | 1084 | Geoff Miller | 36 | co | 45:21:22 | M | 94-026 | 4 |
| 990 | Kevin Taverner | 38 | co | 44:27:58 | M | 01-047 |  | 1085 | Marc Witkes | 35 | co | 45:21:42 | M | 01-053 |  |
| 991 | John DeWalt | 64 | PA | 44:28:21 | M | 00-044 | 14 | 1086 | Allen Czecholinski | 49 | wi | 45:22:25 | M | 96-027 | 2 |
| 992 | Kimberly Holak | 39 | MN | 44:29:17 | F | 09-081 | 2 | 1087 | Thomas Schnitzius | 55 | co | 45:23:42 | M | 08-079 | 4 |
| 993 | Martin Miller | 49 | MT | 44:29:38 | M | 01-048 | 2 | 1088 | Dave Capron | 55 | CA | 45:23:45 | M | 00-048 |  |
| 994 | Randy Isler | 51 | NM | 44:30:44 | M | 08-070 | 17 |  | Hans-Dieter |  |  |  |  |  |  |
| 995 | Kevin Neadeau | 39 | CO | 44:31:43 | M | 10-079 |  | 1089 | Weisshaar | 60 | GER | 45:23:46 | M | 00-049 | 8 |
| 996 | Marcy Beard | 42 | NY | 44:32:00 | F | 11-061 |  | 1090 | David Gordon | 59 | CA | 45:24:14 | M | 05-045 |  |
| 997 | David Terry | 47 | OR | 44:32:01 | M | 08-071 | 2 | 1091 | Howie Stern | 37 | CA | 45:24:42 | M | 06-065 | 5 |
| 998 | Kristina Irvin | 40 | CA | 44:32:07 | F | 98-024 | 7 | 1092 | Roger Ackerman | 62 | GA | 45:24:48 | M | 08-080 |  |
| 999 | Bobby Keogh | 49 | NM | 44:32:24 | M | 98-025 |  | 1093 | Brick Robbins | 38 | CA | 45:25:07 | M | 98-029 |  |
| 1000 | Markus Mueller | 43 | CO | 44:33:23 | M | 07-080 |  | 1094 | Emily (Baer) Loman | 23 | CO | 45:27:50 | F | 99-050T | 5 |
| 1001 | Mike Dobies | 44 | MI | 44:34:28 | M | 05-039 | 9 | 1095 | Kerry Collings | 50 | UT | 45:27:50 | M | 99-050т | 7 |
| 1002 | Michael Bur | 40 | MD | 44:34:28 | M | 05-040 | 4 | 1096 | Joe Prusaitis | 50 | TX | 45:27:55 | M | 05-046 | 7 |
| 1003 | Andrew Hewat | 45 | ASTRAL | 44:34:33 | M | 08-072 | 3 | 1097 | Pat Homelvig | 47 | co | 45:27:59 | M | 06-066 | 3 |
| 1004 | David Pease | 44 | UT | 44:34:33 | M | 07-081 | 4 | 1098 | Mark Swanson | 50 | CA | 45:28:16 | M | 04-063 |  |
| 1005 | Rickie Redland | 47 | WY | 44:34:53 | F | 01-049 | 9 | 1099 | Kerry Collings | 55 | UT | 45:28:18 | M | 04-064 | 7 |
| 1006 | Jeff Nielsen | 46 | UT | 44:36:10 | M | 08-073 |  | 1100 | Brad Koenig | 36 | NJ | 45:29:00 | M | 12-087 | 2 |
| 1007 | Tom Rowe | 56 | MT | 44:36:17 | M | 04-055 | 4 | 1101 | Mark Heaphy | 37 | MT | 45:29:14 | M | 00-050 | 15 |
| 1008 | Sherry Kae Mahieu | 49 | NM | 44:36:52 | F | 04-056 |  | 1102 | Margaret Heaphy | 44 | MT | 45:29:15 | F | 00-051 | 10 |
| 1009 | Dick West | 51 | MI | 44:37:12 | M | 93-020т |  | 1103 | Rick Hodges | 58 | CA | 45:30:45 | M | 07-085 | 9 |
| 1010 | Eugene Trahern | 30 | WA | 44:37:12 | M | 93-020T |  | 1104 | Roger Kane | 52 | co | 45:32:51 | M | 10-081 |  |
| 1011 | Kristen Kern | 43 | NM | 44:37:58 | M | 08-074 | 11 | 1105 | Margaret Heaphy | 45 | MT | 45:33:29 | F | 01-054T | 10 |
| 1012 | Ernie Floyd | 58 | UT | 44:38:00 | M | 12-084 |  | 1106 | Mark Heaphy | 38 | MT | 45:33:29 | M | 01-054T | 15 |
| 1013 | Ulrich Kamm | 45 | GER | 44:38:15 | M | 93-022 | 10 | 1107 | Alfred Kroeger | 32 | co | 45:35 | M | 92-010 | 3 |
| 1014 | Steve Pero | 61 | NM | 44:39:48 | M | 13-084 | 3 | 1108 | Bob Murphy | 48 | HI | 45:35:53 | M | 06-067 |  |
| 1015 | Craig Slagel | 36 | CA | 44:39:59 | M | 08-075 |  | 1109 | Julian Smith | 46 | co | 45:36:00 | M | 12-088 | 2 |
| 1016 | Mark Heaphy | 50 | MT | 44:40:44 | M | 13-085 | 15 | 1110 | Shawn Krause | 29 | MD | 45:36:22 | M | 08-081 |  |
| 1017 | Rich DeSimone | 60 | MT | 44:41:00 | M | 11-062 |  | 1111 | Michael James | 37 | co | 45:36:26 | M | 08-082 | 2 |
| 1018 | John McGrew | 38 | co | 44:41:00 | M | 96-025 | 3 |  | Mary Lou Morgan- |  |  |  |  |  |  |
| 1019 | Andrew Matulionis | 39 | MT | 44:41:22 | M | 04-057 | 2 | 1112 | Pentasuglio | 42 | CO | 45:37:13 | F | 96-028 | 2 |
| 1020 | Andrew Barney | 40 | UT | 44:42:05 | M | 13-086 | 2 | 1113 | Damon Lease | 43 | VT | 45:37:30 | M | 04-065 |  |
| 1021 | John DeWalt | 67 | PA | 44:44:44 | M | 03-046 | 14 | 1114 | Bill Losey | 33 | OH | 45:39:30 | M | 04-066 | 2 |
| 1022 | Rockford Cogar | 51 | co | 44:45:14 | M | 06-060 |  | 1115 | Barry Oelrich | 37 | co | 45:40:15 | M | 10-082 |  |
| 1023 | Mike Thomas | 45 | co | 44:45:20 | M | 06-061 | 2 | 1116 | Leslie Trammell | 46 | TN | 45:40:40 | F | 01-056 |  |
| 1024 | James Hurley | 32 | OH | 44:45:54 | M | 00-045 |  | 1117 | Howie Stern | 36 | CA | 45:42:05 | M | 05-047 | 5 |
| 1025 | Cliff Davies | 59 | CAN | 44:46:16 | M | 94-024T |  | 1118 | lan Hutcheson | 40 | CAN | 45:42:07 | M | 96-029T |  |
| 1026 | Rolly Partelance | 51 | CAN | 44:46:16 | M | 94-024T | 2 | 1119 | Matt Hornung | 39 | CO | 45:42:07 | M | 96-029T | 2 |
| 1027 | John Nale | 48 | co | 44:46:16 | M | 94-024T |  | 1120 | Wendell Doman | 46 | CA | 45:43:26 | M | 06-068 | 4 |
| 1028 | Joe Salette | 61 | co | 44:47:00 | M | 11-067 |  | 1121 | Susan Gardner | 36 | NM | 45:44:36 | F | 00-052 | 2 |
| 1029 | Kirk McCarville | 52 | AZ | 44:47:31 | M | 06-062 | 2 | 1122 | Jason Hodde | 28 | IN | 45:45:07 | M | 98-030 |  |
| 1030 | Richard Szekeresh | 42 | OH | 44:47:57 | M | 03-047 | 2 | 1123 | Kristina Irvin | 47 | CA | 45:45:46 | F | 05-048 | 7 |
| 1031 | Chuck Kroger | 58 | co | 44:48:10 | M | 04-058 | 6 | 1124 | Nancy Hamilton | 43 | MD | 45:47 | F | 92-011T |  |
| 1032 | Dick Curtis | 52 | co | 44:48:45 | M | 97-030 | 5 | 1125 | Rick Hamilton | 42 | MD | 45:47 | M | 92-011 T |  |
| 1033 | Don Thompson | 55 | co | 44:48:49 | M | 93-023 | 3 | 1126 | Mike Thomas | 37 | CO | 45:47:38 | M | 99-052 | 2 |
| 1034 | Bud Phillips | 56 | CA | 44:48:57 | M | 03-048T | 5 | 1127 | Max Welker | 59 | WA | 45:47:47 | M | 01-057 |  |
| 1035 | Gary Cuffin | 52 | co | 44:48:57 | M | 03-048T | 2 | 1128 | Dennis Drey | 58 | NM | 45:50:50 | M | 10-083 | 10 |
| 1036 | Richard Huff | 45 | co | 44:49:26 | M | 04-059 |  | 1129 | Noe Castanon | 42 | CA | 45:52:00 | M | 12-089 |  |
| 1037 | Mike Dobies | 38 | MI | 44:50:00 | M | 99-047 | 9 | 1130 | Scott Sullivan | 45 | CA | 45:52:16 | M | 04-067 |  |
| 1038 | Mike Mason | 41 | NC | 44:51:00 | M | 11-063 |  | 1131 | Dennis Drey | 61 | NM | 45:52:31 | M | 13-090 | 10 |


| Place | Name | Age | State | Time | Sex | Year- <br> Place | Number <br> Finished | Place | Name | Age | State | Time | Sex | Year- <br> Place | Number <br> Finished |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1132 | Lance Johnson | 37 | NM | 45:53:26 | M | 03-054 | 6 | 1225 | Jim Ballard | 48 | MT | 46:45:54 | M | 98-032T | 5 |
| 1133 | Kevin O'Grady | 34 | ОН | 45:53:43 | M | 93-024 | 3 | 1226 | Rollin Perry | 58 | IA | 46:45:56 | M | 97-034 | 7 |
| 1134 | Bruce Grant | 46 | CAN | 45:55:00 | M | 11-068 | 5 | 1227 | Robert Andrulis | 40 | AZ | 46:46:32 | M | 08-093 | 7 |
| 1135 | Aron Ralston | 30 | co | 45:55:49 | M | 05-049 |  | 1228 | Julie Westland-Litus | 34 | co | 46:47 | F | 92-016 | 4 |
| 1136 | Rollin Perry | 60 | 1 A | 45:56:12 | M | 99-053 | 7 | 1229 | Mike Smith | 49 | in | 46:49:08 | M | 07-090 | 2 |
| 1137 | Rickie Redland | 54 | co | 45:58:18 | F | 08-083 | 9 | 1230 | Nick Williams | 51 | AR | 46:49:10 | M | 94-029 | 2 |
| 1138 | Kristen Kern | 40 | NM | 45:58:47 | M | 05-050 | 11 | 1231 | John Prohira | 53 | NY | 46:49:38 | M | 07-091 |  |
| 1139 | Bob Combs | 42 | OH | 46:00:29 | M | 09-087 | 4 | 1232 | Kerry Collings | 60 | UT | 46:49:42 | M | 09-094 | 7 |
| 1140 | Daniel Benhammou | 27 | co | 46:00:37 | M | 07-086 | 5 | 1233 | Scott Snyder | 55 | co | 46:50:23 | M | 10-091 | 2 |
| 1141 | Andrew Hewat | 47 | ASTRAL | 46:01:17 | M | 10-084 | 3 | 1234 | Larry Hall | 57 | IL | 46:51:00 | M | 11-072 | 5 |
| 1142 | Rickie Redland | 55 | co | 46:01:57 | F | 09-088 | 9 | 1235 | Steve Tilley | 50 | AR | 46:51:09 | M | 97-035 | 2 |
| 1143 | Robert Andrulis | 41 | AZ | 46:02:24 | M | 09-089 | 7 | 1236 | Doug Gimenez | 55 | TX | 46:52:32 | M | 06-074T |  |
| 1144 | Rick Hodges | 60 | co | 46:02:44 | M | 09-090 | 9 | 1237 | Joe Prusaitis | 52 | TX | 46:52:32 | M | 06-074T | 7 |
| 1145 | John Machray | 60 | CAN | 46:02:46 | M | 13-091 |  | 1238 | Kristen Kern | 48 | NM | 46:52:50 | M | 13-097 | 11 |
| 1146 | Ulrich Kamm | 44 | GER | 46:03 | M | 92-013 | 10 | 1239 | Kristina Irvin | 52 | CA | 46:54:07 | F | 10-092 | 7 |
| 1147 | Kevin O'Grady | 33 | OH | 46:03 | M | 92-014 | 3 | 1240 | Rollin Perry | 62 | IA | 46:54:46 | M | 01-063 | 7 |
| 1148 | Nancy Halpin | 43 | NM | 46:04:00 | F | 03-055 |  | 1241 | Wendell Doman | 45 | CA | 46:54:50 | M | 05-057 | 4 |
| 1149 | Ron Ely | 35 | MD | 46:04:15 | M | 06-069 |  | 1242 | Nigel Finney | 59 | MN | 46:55:10 | M | 05-058 | 5 |
| 1150 | Robert Andrulis | 44 | AZ | 46:05:00 | M | 11-069 | 7 | 1243 | Thomas Knutson | 55 | MN | 46:55:10 | M | 05-059 | 4 |
| 1151 | Ulrich Kamm | 54 | co | 46:06:58 | M | 01-058 | 10 | 1244 | Jim Ballard | 51 | OR | 46:55:25 | M | 01-064 | 5 |
| 1152 | Doug Seaver | 32 | CA | 46:07:00 | M | 12-090 | 2 | 1245 | Dan Whittemore | 45 | NH | 46:56:13 | M | 97-036 |  |
| 1153 | Dick Curtis | 55 | co | 46:07:12 | M | 00-053 | 5 | 1246 | Ben Benjamin | 59 | OR | 46:56:28 | M | 06-076 |  |
| 1154 | Larry Hall | 54 | 14 | 46:07:45 | M | 08-084 | 5 | 1247 | Margaret Heaphy | 51 | MT | 46:56:35 | F | 07-092 | 10 |
| 1155 | Julie Westland-Litus | 38 | co | 46:08:15 | F | 96-032T | 4 | 1248 | Douglas Long | 29 | HI | 46:57:00 | M | 11-073 |  |
| 1156 | Charles Haraway | 48 | co | 46:08:15 | M | 96-032T |  | 1249 | Thomas Schnitzius | 56 | co | 46:57:03 | M | 09-095 | 4 |
| 1157 | Richard Hypio | 40 | co | 46:08:15 | M | 96-032T |  | 1250 | John DeWalt | 60 | PA | 46:58:23 | M | 96-039T | 14 |
| 1158 | Clark Chesbro | 35 | CO | 46:08:15 | M | 96-032T | 2 | 1251 | Kawika Spaulding | 42 | HI | 46:58:23 | M | 96-039T |  |
| 1159 | Lance Johnson | 47 | NM | 46:08:45 | M | 13-092 | 6 | 1252 | Mark Heaphy | 43 | MT | 46:58:48 | M | 06-077 | 15 |
| 1160 | Rick Pearcy | 53 | co | 46:08:59 | M | 06-070 | 3 | 1253 | Rick Pearcy | 57 | co | 46:59:09 | M | 10-093 | 3 |
| 1161 | Zane Smith | 37 | TN | 46:08:59 | M | 10-085 |  | 1254 | Scott Olmer | 34 | co | 46:59:21 | M | 05-060 | 8 |
| 1162 | Olga Varlamova | 39 | OR | 46:09:19 | F | 09-091 |  | 1255 | Kerry Collings | 54 | UT | 46:59:26 | M | 03-062T | 7 |
| 1163 | Robert Andrulis | 42 | AZ | 46:12:14 | M | 10-086 | 7 | 1256 | Duane Nelson | 46 | OR | 46:59:26 | M | 03-062T | 4 |
| 1164 | Kean Hankins | 44 | NC | 46:12:26 | M | 10-087 |  | 1257 | Virgil Best | 40 | CO | 47:00:00 | M | 03-064 |  |
| 1165 | Dick Curtis | 59 | CO | 46:14:10 | M | 04-068 | 5 | 1258 | James Ficke | 50 | TX | 47:01:00 | M | 11-074 | 2 |
| 1166 | Kristina Irvin | 48 | CA | 46:14:56 | F | 06-071 | 7 | 1259 | Charlie Thorn | 59 | NM | 47:02:17 | M | 05-061 | 10 |
| 1167 | Carl Yates | 65 | co | 46:15:26 | M | 93-025 |  | 1260 | Martin Miller | 53 | MT | 47:02:37 | M | 05-062 | 2 |
| 1168 | Kerry Collings | 61 | UT | 46:15:36 | M | 10-088 | 7 | 1261 | Nigel Finney | 57 | MN | 47:02:47 | M | 03-065 | 5 |
| 1169 | Beat Jegerlehner | 43 | CA | 46:16:00 | M | 12-091 | 2 | 1262 | Bob Combs | 39 | ОН | 47:02:50 | M | 06-078 | 4 |
| 1170 | Liz Bauer | 49 | GA | 46:17:17 | F | 08-085 | 6 | 1263 | Ulrich Kamm | 49 | CO | 47:03:10 | M | 97-037T | 10 |
| 1171 | Ginny LaForme | 49 | NM | 46:17:25 | F | 99-054 | 3 | 1264 | Jim Ballard | 47 | MT | 47:03:10 | M | 97-037T | 5 |
|  | Hans-Dieter |  |  |  |  |  |  | 1265 | Stephane Marchand | 37 | france | 47:03:29 | M | 10-094 |  |
| 1172 | Weisshaar | 65 | GER | 46:17:31 | M | 05-051 | 8 | 1266 | Deb Pero | 49 | NH | 47:03:36 | F | 03-066 | 3 |
| 1173 | Frank Banton | 40 | OR | 46:18:09 | M | 09-092 |  | 1267 | Tom Rowe | 57 | MT | 47:03:42 | M | 05-063 | 4 |
| 1174 | Paul Gross | 44 | co | 46:18:29 | M | 08-086 | 3 | 1268 | Robert Andrulis | 39 | Az | 47:04:24 | M | 07-093 | 7 |
| 1175 | Cathy Tibbetts | 49 | NM | 46:18:32 | F | 03-056 |  | 1269 | Roy Heger | 58 | он | 47:05:00 | M | 12-092 |  |
| 1176 | Jose Wilkie | 31 | KY | 46:19:14 | M | 94-027 |  | 1270 | Lance Goss | 60 | co | 47:06:38 | M | 05-064 | 2 |
| 1177 | Scott Smith | 37 | UT | 46:19:31 | M | 99-055 |  | 1271 | Tony Grappo | 43 | nv | 47:08:53 | M | 94-030 |  |
| 1178 | John Wojciechowski | 40 | UT | 46:20:04 | M | 13-093 |  | 1272 | Jim Magill | 59 | CA | 47:09:31 | M | 05-065 |  |
| 1179 | Ken Gordon | 46 | NM | 46:21:00 | M | 11-070 | 4 | 1273 | Liz Bauer | 53 | GA | 47:11:00 | F | 12-093 | 6 |
| 1180 | Kerry Collings | 52 | UT | 46:21:27 | M | 01-059T | 7 | 1274 | Kirk Boisseree | 48 | CA | 47:11:03 | M | 05-066 | 2 |
| 1181 | Duane Nelson | 44 | OR | 46:21:27 | M | 01-059T | 4 | 1275 | Scott Brockmeier | 46 | GA | 47:11:07 | M | 08-094 | 7 |
| 1182 | Rollin Perry | 57 | IA | 46:21:40 | M | 96-035 | 7 |  | Kathy D'Onofrio- |  |  |  |  |  |  |
| 1183 | Roland Martin | 43 | nV | 46:24 | M | 92-015 |  | 1276 | Wood | 36 | CA | 47:11:23 | F | 00-055 |  |
| 1184 | Molly Gibb | 42 | co | 46:25:35 | F | 03-057 |  | 1277 | Margaret Heaphy | 54 | MT | 47:12:37 | F | 10-095 | 10 |
| 1185 | Clark Chesbro | 33 | co | 46:26:03 | M | 94-028 | 2 | 1278 | Aki Inoue | 36 | JAPAN | 47:13:46 | M | 00-056 |  |
| 1186 | John Sharp | 32 | TX | 46:26:15 | M | 10-089 | 2 | 1279 | Don Thompson | 54 | CO | 47:15 | M | 92-017 | 3 |
| 1187 | Daniel Wilson | 55 | co | 46:26:52 | M | 13-094 |  | 1280 | Brad Koenig | 37 | NJ | 47:15:16 | M | 13-099 | 2 |
|  | Hans-Dieter |  |  |  |  |  |  | 1281 | Susan Gardner | 46 | NM | 47:15:21 | F | 10-096 | 2 |
| 1188 | Weisshaar | 67 | GER | 46:27:01 | M | 07-087 | 8 | 1282 | Stephen Cross | 58 | CA | 47:15:36 | M | 06-079 |  |
| 1189 | Bert Meyer | 51 | CT | 46:27:22 | M | 96-036 | 4 | 1283 | Patty Bryant | 49 | CA | 47:15:49 | F | 09-096 |  |
| 1190 | Jack Jewell | 55 | co | 46:27:36 | M | 08-087 |  | 1284 | Alfred Kroeger | 33 | co | 47:15:51 | M | 93-026 | 3 |
| 1191 | Paul Gross | 42 | co | 46:27:52 | M | 06-072 | 3 | 1285 | Marty Fritzhand | 67 | ОН | 47:16:11 | M | 10-097 |  |
| 1192 | Rollin Perry | 61 | IA | 46:28:40 | M | 00-054 | 7 | 1286 | Pat Homelvig | 50 | co | 47:16:22 | M | 09-097 | 3 |
| 1193 | Mike Ehrlich | 41 | co | 46:29:55 | M | 04-069 | 12 | 1287 | Robert Andrulis | 45 | Az | 47:18:00 | M | 12-094 | 7 |
| 1194 | Ulrich Kamm | 48 | GER | 46:30:22 | M | 96-037T | 10 | 1288 | Mike Smith | 52 | in | 47:18:50 | M | 10-098 | 2 |
| 1195 | Dana Roueche | 39 | co | 46:30:22 | M | 96-037T | 2 | 1289 | Ryan Martin | 42 | co | 47:19:00 | M | 11-075 |  |
| 1196 | Rich Limacher | 53 | 1 L | 46:31:16 | M | 03-058 |  | 1290 | Dick Curtis | 53 | co | 47:19:19 | M | 98-034 | 5 |
| 1197 | David Goldberg | 48 | AZ | 46:31:37 | M | 08-088 |  | 1291 | Jean-Francois Geiss | 52 | france | 47:19:36 | M | 05-067 | 5 |
| 1198 | Dana Roueche | 40 | co | 46:31:45 | M | 97-032 | 2 | 1292 | Duane Nelson | 49 | OR | 47:19:49 | M | 06-080 | 4 |
| 1199 | John DeWalt | 62 | PA | 46:32:36 | M | 98-031 | 14 | 1293 | Rick Hodges | 61 | co | 47:20:22 | M | 10-099 | 9 |
| 1200 | Ulrich Kamm | 56 | co | 46:32:50 | M | 03-059 | 10 | 1294 | Alfred Kroeger | 34 | co | 47:21:12 | M | 94-031 | 3 |
| 1201 | Kristen Kern | 47 | NM | 46:33:00 | M | 11-071 | 11 | 1295 | Margaret Heaphy | 47 | MT | 47:21:29 | F | 03-067 | 10 |
| 1202 | Chris Seiler | 37 | CA | 46:33:24 | M | 08-089 |  | 1296 | Steve Peterson | 59 | OR | 47:21:30 | M | 13-098 | 3 |
| 1203 | Robert Andrulis | 45 | AZ | 46:35:20 | M | 13-095 | 7 | 1297 | Matt Mahoney | 48 | FL | 47:21:30 | M | 04-071 | 4 |
| 1204 | Craig Wilson | 58 | ME | 46:35:53 | M | 07-088 | 5 | 1298 | Stan Ferguson | 48 | AR | 47:23:00 | M | 11-076 | 3 |
| 1205 | Chuck Kroger | 60 | co | 46:35:54 | M | 06-073 | 6 | 1299 | Duane Nelson | 52 | OR | 47:26:32 | M | 09-098 | 4 |
| 1206 | Pat Homelvig | 51 | co | 46:36:17 | M | 10-090 | 3 | 1300 | Ulrich Kamm | 53 | co | 47:26:44 | M | 00-057 | 10 |
| 1207 | David King | 55 | NC | 46:36:42 | M | 01-061 |  | 1301 | Don Thompson | 56 | co | 47:27:30 | M | 94-032 | 3 |
| 1208 | Todd Burgess | 32 | co | 46:37:49 | M | 01-062 | 2 | 1302 | Rich Haefele | 37 | co | 47:28:41 | M | 04-072 | 4 |
| 1209 | Chuck Kroger | 59 | co | 46:38:00 | M | 05-052 | 6 | 1303 | Wolfgang Hoefle | 51 | GER | 47:30:00 | M | 11-077 |  |
| 1210 | Rex Stickland | 59 | UK | 46:39:47 | M | 03-060T |  | 1304 | Scott Tomchick | 46 | wa | 47:31:00 | M | 11-078 |  |
| 1211 | Andrew Addis | 48 | UK | 46:39:47 | M | 03-060T | 2 | 1305 | Gary Wright | 48 | WA | 47:31:10 | M | 99-056 |  |
| 1212 | Daniel Probst | 28 | wa | 46:40:12 | M | 07-089 |  | 1306 | Ulrich Kamm | 51 | co | 47:31:30 | M | 99-057T | 10 |
| 1213 | Tom Simonds | 58 | VA | 46:40:58 | M | 13-096 |  | 1307 | Jim Ballard | 49 | MT | 47:31:30 | M | 99-057T | 5 |
| 1214 | Joe Prusaitis | 49 | TX | 46:42:03 | M | 04-070 | 7 | 1308 | Andrew Barney | 36 | UT | 47:33:01 | M | 09-099 | 2 |
| 1215 | Keith Knipling | 32 | 1 L | 46:42:23 | M | 08-090 | 2 | 1309 | Jim Drummond | 52 | UK | 47:33:52 | M | 04-073 | 2 |
| 1216 | Don Platt | 55 | co | 46:42:33 | M | 09-093 | 6 |  | Hans-Dieter |  |  |  |  |  |  |
| 1217 | Margaret Heaphy | 49 | MT | 46:43:42 | F | 05-053 | 10 | 1310 | Weisshaar | 73 | GER | 47:34:00 | M | 13-100 | 8 |
| 1218 | Chad Carson | 46 | UT | 46:44:27 | M | 05-054 | 2 | 1311 | Chuck Kroger | 57 | co | 47:36:22 | M | 03-068 | 6 |
| 1219 | Richard Szekeresh | 47 | OH | 46:44:52 | M | 08-091 | 2 | 1312 | John DeWalt | 71 | PA | 47:36:23 | M | 07-094 | 14 |
| 1220 | Greg Loomis | 34 | VA | 46:44:59 | M | 08-092 | 2 | 1313 | Ginny LaForme | 48 | NM | 47:37:06 | F | 98-035T | 3 |
| 1221 | Suzi Thibeault | 49 | CA | 46:45:28 | F | 97-033 |  | 1314 | Stuart Johnson | 39 | KS | 47:37:06 | M | 98-035T |  |
| 1222 | Rickie Redland | 51 | co | 46:45:29 | F | 05-055 | 9 | 1315 | Joel Zucker | 44 | NY | 47:37:17 | M | 98-037 | 3 |
| 1223 | Diane Van Deren | 45 | co | 46:45:29 | F | 05-056 | 7 | 1316 | lan Farris | 31 | UT | 47:38:24 | M | 13-101 |  |
| 1224 | Rollin Perry | 59 | IA | 46:45:54 | M | 98-032T | 7 | 1317 | Arthur Schwartz | 46 | co | 47:39 | M | 92-018 |  |


| Place | Name | Age | State | Time | Sex | Year- <br> Place | Number Finished |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1318 | Ray Gruenewald | 47 | WA | 47:39:15 | M | 07-095 |  |
| 1319 | George Hitzfeld | 47 | TX | 47:39:43 | M | 07-096 | 2 |
| 1320 | Wendell Doman | 49 | CA | 47:39:52 | M | 09-100 | 4 |
| 1321 | Doug Sullivan | 51 | DC | 47:40:00 | M | 12-096 |  |
| 1322 | Gregory Trapp | 49 | OH | 47:40:00 | M | 11-080 | 2 |
| 1323 | Bob Combs | 44 | OH | 47:40:00 | M | 11-079 | 4 |
| 1324 | Bill Losey | 41 | CO | 47:40:00 | M | 12-095 | 2 |
| 1325 | Todd Burgess | 31 | CO | 47:41:03 | M | 00-058 | 2 |
| 1326 | Steve Peterson | 50 | OR | 47:41:41 | M | 04-074 | 3 |
| 1327 | Shihab Shamma | 50 | DC | 47:42:04 | M | 04-075 |  |
| 1328 | Jim Ballard | 54 | OR | 47:42:21 | M | 04-076 | 5 |
| 1329 | James Ficke | 51 | TX | 47:43:00 | M | 12-097 | 2 |
| 1330 | Lee Schmidt | 54 | CA | 47:43:48 | M | 94-033 |  |
| 1331 | Deb Pero | 58 | NM | 47:43:58 | F | 13-102 | 3 |
| 1332 | Ulrich Kamm | 57 | CO | 47:45:20 | M | 04-077 | 10 |
|  | Hans-Dieter |  |  |  |  |  |  |
| 1333 | Weisshaar | 63 | GER | 47:45:32 | M | 03-069 | 8 |
| 1334 | Ulrich Kamm | 46 | GER | 47:46:26 | M | 94-034T | 10 |
| 1335 | Martyn Greaves | 34 | UK | 47:46:26 | M | 94-034T | 2 |
| 1336 | Yuki Negoro | 52 | NJ | 47:46:31 | M | 13-103 |  |
| 1337 | David Pease | 42 | UT | 47:46:33 | M | 05-068 | 4 |
| 1338 | John DeWalt | 73 | PA | 47:47:17 | M | 09-101 | 14 |
| 1339 | Tom Nyce | 45 | AZ | 47:47:33 | M | 04-078 |  |
| 1340 | Lonney Vogt | 53 | CO | 47:47:49 | M | 07-097 |  |
| 1341 | Rick Pearcy | 56 | CO | 47:48:47 | M | 09-102 | 3 |
| 1342 | Conrad Cole | 50 | CO | 47:48:59 | M | 00-059 |  |
| 1343 | Deb Pero | 58 | NM | 47:49:00 | F | 12-098 | 3 |
| 1344 | Bozena Maslanka | 34 | CA | 47:49:32 | F | 00-060 | 2 |
| 1345 | John DeWalt | 70 | PA | 47:49:52 | M | 06-081 | 14 |
| 1346 | Bozena Maslanka | 32 | CA | 47:49:59 | F | 98-038 | 2 |
| 1347 | Joel Zucker | 43 | NY | 47:50:01 | M | 97-039 | 3 |
| 1348 | Jennifer Roach | 51 | CO | 47:50:03 | F | 04-079 | 3 |
| 1349 | John DeWalt | 58 | PA | 47:50:21 | M | 94-036T | 14 |
| 1350 | Kevin O'Grady | 35 | OH | 47:50:21 | M | 94-036T | 3 |
| 1351 | Joel Zucker | 42 | NY | 47:50:41 | M | 96-041 | 3 |
| 1352 | Rich Haefele | 38 | CO | 47:50:52 | M | 05-069 | 4 |
| 1353 | Roger Wiegand | 56 | NE | 47:51:25 | M | 99-059 |  |
| 1354 | Jerry Bloom | 52 | CA | 47:52:40 | M | 05-070 | 3 |
| 1355 | Steve Peterson | 54 | OR | 47:53:28 | M | 08-095 | 3 |
| 1356 | Margaret Heaphy | 48 | MT | 47:54:13 | F | 04-080 | 10 |
| 1357 | Richard Hayes | 54 | CA | 47:54:13 | M | 05-071 |  |
| 1358 | Rich Haefele | 41 | CO | 47:54:27 | M | 08-096 | 4 |
| 1359 | Jennifer Roach | 56 | CO | 47:54:53 | F | 09-103 | 3 |
| 1360 | John DeWalt | 72 | PA | 47:54:58 | M | 08-097 | 14 |
| 1361 | Leonard Martin | 56 | TN | 47:55:58 | M | 09-104 |  |
| 1362 | Margaret Heaphy | 53 | MT | 47:56:34 | F | 09-105 | 10 |
| 1363 | Jennifer Roach | 57 | CO | 47:57:06 | F | 10-100 | 3 |
| 1364 | Allie Wood | 47 | MT | 47:57:40 | F | 08-098 |  |
| 1365 | Richard Senelly | 52 | HI | 47:59:35 | M | 96-042 |  |
| 1366 | Claire Ketteler | 49 | NH | 47:59:44 | F | 13-104 |  |

Fact Sheet for the Hardrock Hundred
Start \& finish in Silverton, CO, elevation 9310.
PO Box 55, Silverton, CO 8143

| PO Box 55, Silverton | (Ver9AUG13) |  |  | 1994 <br> 3rd annual | $\begin{gathered} 1995 \\ \text { 4th annual } \end{gathered}$ | 1996 <br> 5th annual |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overall/ Record | $\begin{gathered} 1992 \\ 1^{\text {st }} \text { annual } \end{gathered}$ | $1993$ <br> 2nd 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 | 2238 | 42 | 35 | 75 |  | 91 |
| Number \& \% finished | 1366, 61.0\% | 18, 43\% | 26, 74\% | 37, 49\% |  | 42, 46\% |
| Number of different finishers to date | 591 | 18 | 33 | 55 |  | 82 |
| First male, age, year, \& time | $\begin{gathered} \text { Kyle Skaggs, } \\ 23, ’ 08,23: 23: 30 \end{gathered}$ | 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 | 40:32:57 | 44:02 | 41:13:45 | 42:59:59 |  | 43:48:16 |
| Average finish time | 39:56:55 | 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 | $\begin{aligned} & \hline 34.0 \\ & 51.6 \end{aligned}$ | $\begin{aligned} & 44.8 \\ & 42.0 \end{aligned}$ | $\begin{aligned} & \hline 37.8 \\ & 46.4 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 36.8 \\ & 45.8 \end{aligned}$ |  | $\begin{aligned} & \hline 39.4 \\ & 47.2 \end{aligned}$ |
| Average age - all finishers | 44.6 | 41.7 | 41.7 | 41.9 |  | 43.5 |
| Age of oldest \& youngest finishers | $\begin{aligned} & \hline 73 \\ & 21 \\ & \hline \end{aligned}$ | $\begin{aligned} & 54 \\ & 29 \\ & \hline \end{aligned}$ | $\begin{array}{r} 65 \\ 30 \\ \hline \end{array}$ | $\begin{aligned} & 59 \\ & 27 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 64 \\ & 31 \\ & \hline \end{aligned}$ |
| Number of male starters/finishers | 2238/1210 | 36/16 | 31/24 | 69/34 |  | 82/38 |
| Number of female starters/finishers | 275/156 | 6/2 | 4/2 | 6/3 |  | 9/4 |
| 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
(Ver9AUG13)

|  | Overall/ Record | $\begin{gathered} 1997 \\ \text { 6th Annual } \end{gathered}$ | $\begin{gathered} 1998 \\ 7 \text { th Annual } \end{gathered}$ | $\begin{gathered} 1999 \\ \text { 8th Annual } \end{gathered}$ | $\begin{gathered} 2000 \\ \text { 9th Annual } \end{gathered}$ | $\begin{gathered} \hline \hline 2001 \\ \text { 10th Annual } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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. <br> Sat-clear early, clouds, some rain in afternoon | Fri-overcast with showers in afternoon. <br> Sat-clear morning to partly cloudy afternoon. | Fri-thick overcast and mild all day. Snow \& rain showers on Handies with clearing overnight. <br> 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 | 2238 | 99 | 82 | 110 | 118 | 118 |
| Number \& \% finished | 1366, 61.0\% | 39, 39\% | 38, 46\% | 59, 54\% | 60, 51\% | 64, 54\% |
| Number of different finishers to date | 591 | 99 | 120 | 154 | 181 | 210 |
| First male, age, year, \& time | $\begin{gathered} \text { Kyle Skaggs, } \\ 23, ’ 08,23: 23: 30 \\ \hline \end{gathered}$ | Mark C. McDermott, 38, \& Mark Hartell, 31, 30:33:31 | $\begin{gathered} \hline \text { Ricky Denesik, 38, } \\ 30: 12: 31 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Blake Wood, 40, } \\ 30: 10: 58 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Kirk Apt, 38, } \\ 29: 35: 00 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Karl Meltzer, } 33 \\ 26: 39: 35 \\ \hline \end{gathered}$ |
| First female, age, year, \& time | Diana Finkel, 37,'09,27:18:24 | $\begin{gathered} \hline \text { Laura Vaughan, 31, } \\ 37: 22: 32 \end{gathered}$ | Eliza McLean, 32, 40:57:57 | $\begin{gathered} \hline \text { Betsy Kalmeyer, 38, } \\ 31: 55: 36 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Sue Johnston, 35, } \\ 32: 20: 03 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Betsy Kalmeyer, 40, } \\ 29: 58: 00 \\ \hline \end{gathered}$ |
| Median finish time | 40:32:57 | 40:26:28 | 40:57:57 | 38:44:55 | 41:36:21 | 40:54:54 |
| Average finish time | 39:56:55 | 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 | $\begin{aligned} & \hline 34.0 \\ & 51.6 \end{aligned}$ | $\begin{aligned} & \hline 35.8 \\ & 46.8 \end{aligned}$ | $\begin{aligned} & 42.0 \\ & 43.0 \\ & \hline \end{aligned}$ | $\begin{aligned} & 38.8 \\ & 48.2 \end{aligned}$ | $\begin{aligned} & 42.8 \\ & 40.8 \end{aligned}$ | $\begin{aligned} & 40.2 \\ & 49.0 \\ & \hline \end{aligned}$ |
| Average age - all finishers | 44.6 | 43.5 | 43.0 | 43.0 | 43.2 | 45.4 |
| Age of oldest \& youngest finishers | $\begin{aligned} & \hline 73 \\ & 21 \end{aligned}$ | $\begin{aligned} & \hline 61 \\ & 31 \\ & \hline \end{aligned}$ | $\begin{aligned} & 62 \\ & 28 \end{aligned}$ | $\begin{aligned} & \hline 63 \\ & 23 \end{aligned}$ | $\begin{aligned} & \hline 64 \\ & 24 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 65 \\ & 27 \end{aligned}$ |
| Number of male starters/finishers | 2238/1210 | 87/36 | 76/34 | 100/53 | 102/51 | 102/57 |
| Number of female starters/finishers | 275/156 | 12/3 | 6/4 | 10/6 | 16/9 | 16/7 |
| References/articles | NA | Sep 97, UR | Sep 98, UR | Sep 99, UR | Sep 00, UR | Sep 01, 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
(Ver9AUG13)

|  | Overall/ Record | $\begin{gathered} 2002 \\ \text { 11th Annual } \end{gathered}$ | $\begin{gathered} 2003 \\ \text { 12th Annual } \end{gathered}$ | $\begin{gathered} 2004 \\ 13^{\text {th }} \text { Annual } \end{gathered}$ | $\begin{gathered} 2005 \\ 14^{\text {th }} \text { Annual } \end{gathered}$ | $\begin{gathered} 2006 \\ 15^{\text {th }} \text { Annual } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | NA | July 12-14 | July 11-13 | July 9-11 | July 8-10 | July 14-16 |
| Course length (miles) | NA | Cancelled | 100.3 | 101.4 | 100.4 | 100.4 |
| Surface: cross country | NA | due to | 7.3 | 10.1 | 10.5 | 9.9 |
| Surface: trail | NA | EXTREME Fire Danger | 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 | 0.2 | 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. <br> 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. <br> 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. <br> 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 Virginius half way <br> to Ouray; mostly clear overnight. <br> 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 | 2238 |  | 112 | 125 | 125 | 131 |
| Number \& \% finished | 1366, 61.0\% |  | 69, 61.6\% | 80, 64.0\% | 71, 56.8\% | 81, 61.8\% |
| Number of different finishers to date | 591 |  | 235 | 271 | 300 | 331 |
| First male, age, year, \& time | $\begin{gathered} \text { Kyle Skaggs, } \\ 23, ’ 08,23: 23: 30 \\ \hline \end{gathered}$ |  | Karl Meltzer, 35, 28:01:55 | $\begin{gathered} \text { Paul Sweeney, 38, } \\ 30: 39: 14 \end{gathered}$ | 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 | $\begin{gathered} \hline \text { Betsy Kalmeyer, 43, } \\ 32: 48: 52 \end{gathered}$ | $\begin{gathered} \text { Sue Johnston, 40, } \\ 32: 07: 41 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Betsy Kalmeyer, 45, } \\ 31: 53: 51 \end{gathered}$ |
| Median finish time | 40:32:57 |  | 41:46:55 | 41:57:45 | 44:01:02 | 42:11:33 |
| Average finish time | 39:56:55 |  | 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 | $\begin{aligned} & 34.0 \\ & 51.6 \end{aligned}$ |  | $\begin{aligned} & 40.4 \\ & 54.8 \end{aligned}$ | $\begin{aligned} & 40.2 \\ & 51.2 \end{aligned}$ | $\begin{aligned} & 30.2 \\ & 47.6 \end{aligned}$ | $\begin{aligned} & 41.2 \\ & 52.2 \end{aligned}$ |
| Average age - all finishers | 44.6 |  | 47.6 | 46.7 | 44.8 | 45.9 |
| Age of oldest \& youngest finishers | $\begin{aligned} & \hline 73 \\ & 21 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 67 \\ & 27 \\ & \hline \end{aligned}$ | $\begin{aligned} & 68 \\ & 24 \\ & \hline \end{aligned}$ | $\begin{aligned} & 69 \\ & 25 \\ & \hline \end{aligned}$ | $\begin{aligned} & 70 \\ & 25 \\ & \hline \end{aligned}$ |
| Number of male starters/finishers | 2238/1210 |  | 92/60 | 107/69 | 112/62 | 117/75 |
| Number of female starters/finishers | 275/156 |  | 20/9 | 18/11 | 13/9 | 14/6 |
| References/articles | NA |  | Sep 03, UR | Sep 04, UR | Sep 05, UR | Sep 06. 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
(Ver9AUG13)

|  | Overall/ Record | $\begin{gathered} \hline \hline 2007 \\ \text { 16th Annual } \end{gathered}$ | $\begin{gathered} \hline \hline 2008 \\ \text { 17th Annual } \end{gathered}$ | $\begin{gathered} \hline \hline 2009 \\ \text { 18th Annual } \end{gathered}$ | $\begin{gathered} 2010 \\ \text { 19th Annual } \end{gathered}$ | $\begin{gathered} 2011 \\ 20^{\text {th }} \text { Annual } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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. <br> Sat -Mostly sunny and mild day. Mild night. | Fri-clear and warm morning turned into overcast by mid afternoon. Cloudy evening. <br> Sat-Mild and sunny. Warm evening. | Fri-light overcast and mild with thunderstorms in Pole Creek. Evening partly cloudy. <br> Sat-partly cloudy and mild with thunderstorm after dark over Putnam. | Fri-Sunny going to light overcast. Storm in <br> Wasatch Basin. Overcast through evening <br> Sat-High clouds and cool, ideal running. | Fri-PCloudy to sunny. Severe t-storms over Handies. <br> Sat-PCloudy to sunny. Severe t-storms after dark. |
| Number of aid stations | NA | 13 | 12 | 13 | 12 | 13 |
| 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 | 2238 | 134 | 141 | 140 | 140 | 140 |
| Number \& \% finished | 1366, 61.0\% | 97, 72.4\% | 98, 69.5\% | 105, 75.0\% | 100, 71.4\% | 80, 57.1\% |
| Number of different finishers to date | 591 | 371 | 403 | 441 | 478 | 515 |
| First male, age, year, \& time | $\begin{gathered} \text { Kyle Skaggs, } \\ 23, ’ 08,23: 23: 30 \end{gathered}$ | Scott Jurek, 34,'07,26:08:34 | $\begin{gathered} \hline \text { Kyle Skaggs, } \\ 23, ’ 08,23: 23: 30 \end{gathered}$ | Karl Meltzer, 41, '09, 24:38:02 | Jared Campbell, 30, '10, 27:18:06 | Julien Chorer $31, ' 11,25: 17: 00$ |
| 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 | 40:32:57 | 38:49:40 | 41:37:12 | 39:10:00 | 38:49:46 | 39:45:00 |
| Average finish time | 39:56:55 | 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 | $\begin{aligned} & 34.0 \\ & 51.6 \\ & \hline \end{aligned}$ | $\begin{aligned} & 34.6 \\ & 51.6 \end{aligned}$ | $\begin{aligned} & 32.2 \\ & 52.0 \end{aligned}$ | $\begin{aligned} & 38.8 \\ & 58.8 \end{aligned}$ | $\begin{aligned} & 30.8 \\ & 56.5 \end{aligned}$ | $\begin{aligned} & 32.4 \\ & 47.6 \\ & \hline \end{aligned}$ |
| Average age - all finishers | 44.6 | 44.5 | 44.6 | 45.4 | 45.7 | 42.8 |
| Age of oldest \& youngest finishers | $\begin{aligned} & \hline 73 \\ & 21 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 71 \\ & 27 \\ & \hline \end{aligned}$ | $\begin{aligned} & 72 \\ & 21 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 73 \\ & 24 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 67 \\ & 25 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 61 \\ & 21 \end{aligned}$ |
| Number of male starters/finishers | 2238/1210 | 116/86 | 124/88 | 119/88 | 121/88 | 124/72 |
| Number of female starters/finishers | 275/156 | 18/11 | 17/10 | 21/17 | 19/12 | 16/8 |
| References/articles | NA | Sep 07 UR | Sep 08 UR | Sep 09 UR | Sep 10 UR | Sep 11 UR |

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

Fact Sheet for the Hardrock Hundred
Start \& finish in Silverton, CO, elevation 9310.
PO Box 55, Silverton, CO 81433
(Ver9AUG13)

|  | Overall/ Record | $\begin{gathered} \hline \hline 2012 \\ \text { 21st Annual } \end{gathered}$ | $\begin{gathered} 2013 \\ 22^{\text {nd }} \text { Annual } \end{gathered}$ | 2014 <br> 23rd Annual | $\begin{gathered} 2015 \\ 24^{\text {th }} \text { Annual } \end{gathered}$ | $\begin{gathered} 2016 \\ 25^{\text {th }} \text { Annual } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | NA | July 13-15 | July 12-14 |  |  |  |
| Course length (miles) | NA | 102.5 | 100.5 |  |  |  |
| Surface: cross country | NA | 10.5 | 10.5 |  |  |  |
| Surface: trail | NA | 62.6 | 62.1 |  |  |  |
| Surface: jeep road | NA | 16.3 | 16.3 |  |  |  |
| Surface: dirt road | NA | 11.4 | 11.4 |  |  |  |
| Surface: pavement | NA | 1.7 | 0.1 |  |  |  |
| Course climb (feet) | NA | 32962 | 32962 |  |  |  |
| Average altitude (feet) | NA | 11,016 | 11016 |  |  |  |
| High altitude (feet) | NA | 14,048 - Handies | 14,048 - Handies |  |  |  |
| Low altitude (feet) | NA | 7,870 - Ouray | 7,870 - Ouray |  |  |  |
| Weather | NA | Fri - Partly cloudy and mild. <br> Sat - Partly cloudy and mild. <br> Mild temperatures throughout. | Fri-cloudy at start. Lightning storms developed over Handies and eastern course half. Sat-partly cloudy to cloudy with some sprinkles. Mild temperatures throughout. |  |  |  |
| Number of aid stations | NA | 12 | 13 |  |  |  |
| Permit limit | NA | 140 | 140 |  |  |  |
| Number of starters | 2238 | 140 | 140 |  |  |  |
| Number \& \% finished | 1366, 61.0\% | 98, 70.0\% | 104, 74.3 |  |  |  |
| Number of different finishers to date | 591 | 560 | 591 |  |  |  |
| First male, age, year, \& time | $\begin{gathered} \text { Kyle Skaggs, } \\ 23, ’ 08,23: 23: 30 \end{gathered}$ | $\begin{gathered} \text { Hal Koerner } \\ 36, ~ ' 12,24: 50 \end{gathered}$ | Sebastien Chaigneau $41, ' 13,24: 25: 50$ |  |  |  |
| First female, age, year, \& time | Diana Finkel, 37,'09,27:18:24 | Darcy Africa 37, '12, 29:09 | Darcy Africa 38, '13, 29:54:55 |  |  |  |
| Median finish time | 40:32:57 | 38:23:00 | 40:37:06 |  |  |  |
| Average finish time | 39:56:55 | 38:14:26 | 39:21:42 |  |  |  |
| Greatest average Climb rate (ft/hr) | 1409 | 1327 | 1349 |  |  |  |
| Average age - top five, last five finishers | $\begin{aligned} & 34.0 \\ & 51.6 \\ & \hline \end{aligned}$ | $\begin{aligned} & 30.8 \\ & 49.2 \end{aligned}$ | $\begin{aligned} & 39.2 \\ & 52.6 \end{aligned}$ |  |  |  |
| Average age - all finishers | 44.6 | 43.5 | 46.3 |  |  |  |
| Age of oldest \& youngest finishers | $\begin{aligned} & \hline 73 \\ & 21 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 63 \\ & 22 \\ & \hline \end{aligned}$ | $\begin{aligned} & 73 \\ & 25 \\ & \hline \end{aligned}$ |  |  |  |
| Number of male starters/finishers | 2238/1210 | 122/86 | 124/93 |  |  |  |
| Number of female starters/finishers | 275/156 | 18/12 | 16/11 |  |  |  |
| References/articles | NA | Sep 12 UR | Sep 13 UR |  |  |  |

WWW site: http://www.hardrock 100.com/

## 2014 Hardrock Lottery Results - as of December 8, 2013

Fred Abramowitz
Tim Adams
Darcy Africa
Christopher Agbay
Stuart Air
Robert Andrulis
Kirk Apt
Chad Armstrong
James Ballard
Andrew Barney
Andy Black
Neil Blake
Howie Breinan
Scott Brockmeier
Levi Burford
Jared Campbell
Sebastien Chaigneau
Julien Chorier
Rhonda Claridge
David Clark
David Coblentz
Bob Combs
Ben Corrales
Helen Cospolich
Nick Coury
Sean Cunniff
Tyler Curiel
Ferdinand de Souza
Mike Dobies
Ty Draney
Dennis Drey
Mike Ehredt
Michael Ehrlich
Rob Erskine
Ian Farris
Stan Ferguson
James Ficke
Diana Finkel
Chihping Fu
Shigeru Furuta
Todd Gangelhoff
Jean-Francois Geiss
Bill Geist
Chris Gerber
James Gifford
Kim Gimenez
Ken Gordon

Brett Gosney
Joe Grant
Garett Graubins
Douglas Gray
Jaclyn Greenhill
Paul Gross
Ray Gruenewald
Drew Gunn
John Hallsten
Gordon Hardman
Mark Heaphy
Zach Hermsen
Adam Hewey
Rick Hodges
Wolfgang Hoefle
Steve Holman
Timothy Holmes
Pat Homelvig
Jill Homer
Kristina Irvin
Randy Isler
Shinsuke Isomura
Scott Jaime
Mike James
Cory Johnson
Dakota Jones
Jeff Jones
Kilian Jornet
Mick Jurynec
Tsuyoshi Kaburaki
Betsy Kalmeyer
Brian Kent
Kristen Kern
Jason Koop
Shawn Krause
Scott Kuhn
Kelly Lance
Kathie Lang
Joseph Lea
Eric Lee
Suzanne Lewis
Jeff List
Tim Long
Gary Lukacs
Ted Mahon
Ryan McDermott
Abby McQueeney Penamonte

Scott Mills
Jeason Murphy
Ken Nakagawa
Doug Newton
Betsy Nye
Scott Olmer
Timothy Olson
Mark Oveson
Erich Peitzsch
Rollin Perry
Chad Piala
Don Platt
Jason Poole
Mauricio Puerto
Paul Ralyea
Rickie Redland
Tom Remkes
Steve Roark
Todd Salzer
Murray Schart
Jen Segger
John Sharp
Billy Simpson
Julian (CO) Smith
Paul Smith
Craig Stahl
Howie Stern
Erik Storheim
Paul Sweeney
Neal Taylor
Paul Tidmore
David Tosch
Kevin Twidwell
Chris Twiggs
Tina Ure
Robert Villani
Ken Ward
Rosie Warfield
Christopher Waters
Phil Wiley
David Williams
Kendall Wimmer
Joe Winch
Allie Wood
Blake Wood
Kuni Yamagata

## 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 Sivlerton 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 e challenge as she dies 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 Hardock 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 thing 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-whenever 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 varietyy 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.

2012 Leo Lloyd Leo has organized and directed our aid station medical activities for many years. As a physician's assistant, he brings requisite medical knowledge to his organizational skills. He has dealt with innumerable medical emergency and non-emergency situations with expertise and good humor and the Hardrock family is a lot safer.

2014 Rodger Wrublik Rodger moved to Silverton about 10 years ago after buying the Wyman Hotel. Over the years Rodger, drawing on Wyman Hotel resources and his own ingenuity, has set up the Hardrock start/finish, provided the multinational flags, set up and taken down the circus tent used by Hardrock many time, and made himself and the Wyman available on short notice for any emergency. Unfortunately, Rodger has also been relentless in pursuit and removal of blow downs on the Hardrock course, causing many runners' times to decrease significantly.

Awards as of July 15, 2013
Hardrock Hundred 15 Year Awards

| Hardrock Hundred 15 Year Awards |  |
| :--- | :--- |
| 1. Kirk Apt ('09) | 2. Blake Wood ('10) |
| 3. Randy Isler ('11) | 4. Mark Heaphy ('13) |


| 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) |
| 15. Dennis Drey ('13) |  |


| 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) | 59. Cory Johnson ('12) | 60. David Coblentz ('12) |
| 61. Lance Johnson ('12) | 62. Liz Bauer ('12) | 63. Ricky Denesik ('12) |
| 64. Ted Mahon ('12) | 65. Daniel Benhammou ('13) | 66. Neal Taylor ('13) |
| 67. Mike Burke ('13) | 68. Greg Hartman ('13) | 69. Howie Stern ('13) |
| 70. Jean-Francois Geiss (''13) |  |  |

# Hardrock Hundred High Finishers 

(as of July 15,2013 )

19 Finishes<br>Kirk Apt<br>15 Finishes<br>Mark Heaphy<br>11 Finishes<br>Kris Kern<br>10 Finishes<br>Charlie Thorn<br>Dennis Drey<br>Margaret Heaphy<br>Roch Horton Ulli Kamm<br>9 Finishes<br>Chris Twiggs<br>Mike Dobies<br>Rick Hodges<br>Rickie Redland<br>Scott Eppleman<br>8 Finishes<br>Billy Simpson<br>Gordon Hardman<br>Hans-Dieter Weisshaar<br>Jared Campbell<br>Scott Olmer<br>Todd Salzer<br>7 Finishes<br>Brett Gosney<br>Diane Van Deren<br>Joe Prusaitis<br>Karl Meltzer<br>Kerry Collings<br>Kristina Irvin<br>Odin Christensen<br>Robert Andrulis<br>Rodger Wrublik<br>Rollin Perry<br>Scott Brockmeier<br>Scott Jaime

18 Finishes<br>Blake Wood<br>14 Finishes<br>Betsy Kalmeyer<br>John DeWalt

6 Finishes
Chuck Kroger
Cory Johnson
David Coblentz
Don Platt
Glenn Mackie
James Nelson
Jan Fiala
Lance Johnson
Liz Bauer
Murry Schart
Paul Sweeney
Ted Mahon
5 Finishes
Bruce Grant
Bud Phillips
Craig Wilson
Daniel Benhammou
David Horton
Dick Curtis
Emily Baer
Greg Hartman
Howie Stern
Jean-Francois Geiss
Jim Ballard
Jim Fisher
Larry Hall
Mike Burke
Neal Taylor
Nigel Finney
Randy Rhodes
Ricky Denesik
Scott Mills
Tom Garrison

17 Finishes
Randy Isler
12 Finishes
Betsy Nye
Mike Ehrlich
Tyler Curiel

4 Finishes
Allen Hadley
Bert Meyer
Bob Combs
Darcy Africa
David Pease
David Wilcox
Dennis Herr
Diana Finkel
Duane Nelson
Geoff Miller
Jason Poole Jim Baker
John Hallsten
Jon Teisher
Julie Westlund
Ken Gordon
Ken Ward
Matt Mahoney
Michael Bur
Paul Schoenlaub
Phil Kahn
Randy Wojno
Rich Haefele
Thomas Knutson
Thomas Schnitzius
Tom Hayes-McGoff
Tom Rowe
Wendell Doman

Hardrock Hundred Summary Table of Finishes

| Year | Total Finishes | Different Finishers | 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 | 18 | 19 |
| 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 | 1 |  |  |
| 2012 | 1262 | 560 | 317 | 107 | 45 | 27 | 20 | 10 | 11 | 6 | 3 | 5 | 2 | 1 | 1 | 2 | 0 | 1 | 1 | 1 |  |
| 2013 | 1366 | 591 | 324 | 120 | 49 | 28 | 20 | 12 | 12 | 6 | 5 | 5 | 1 | 3 | 0 | 2 | 1 | 0 | 1 | 1 | 1 |

## Attachment $F$

## 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 Rick). The provisional trail marking schedule is in section 9 of the Runner's Manual.

Friday, July 4, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| 0700 | Silverton Blue Ribbon 10 K Race | Memorial Park |  |
| 1000 | $4^{\text {th }}$ of July Parade | Greene Street | Meet at Courthouse and dress in red, white, and blue. |
| TBD | Rhubarb Festival | Memorial Park |  |
| Dusk | Silverton fireworks show |  |  |
| Saturday, July 5, 2014 |  |  |  |
| Time | What | Where | Comments |
| TBA | Trail Work | TBA | Contact Rick Trujillo |
| Sunday, July 6, 2014 |  |  |  |
| Time | What | Where | Comments |
| TBA | Trail Work | TBA | Contact Rick Trujillo |
| TBA | D\&SNG Train Ride (1 way) | Silverton Train Depot |  |
| Tuesday, July 8, 2014 |  |  |  |
| Time | What | Where | Comments |
| 0900 | Spouse hike | Silverton School | See where your runner will be running! |
| 1200 | Future Hardrockers Games | Silverton Track | Games for all the future Hardrockers! |
| 1500 | John Dewalt Rememberance | TBA | Share stories and memories. |
| 1730 | Duane Smith, "The Real Hardrockers" | Silverton School | Presentation and Q\&A |

Wednesday, July 9, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| 1000 | Q\&A with Hardrock Veterans | Silverton School | Panel Q\&A about what is Hardrock |
| $1200-1600$ | Runner check-in | Silverton School |  |
| $1300-1530$ | Hardrockers Pot Lick | Memorial Park | Share stories and food. |
| 1600 | Trail briefing-voluntary looooong version | Silverton School |  |
| 1930 | "Running the Colo Trail" Film | TBA | Scott Jaime's run on the Colorado Trail |

## Thursday, July 10, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| $0800-1100$ | Runner check-in | Silverton School | All runners must check in by 1100 hours or lose <br> their entry in the run. |
| 1200 | Mandatory runner briefing | Silverton School |  |
| 1315 | Hard Block run | Silverton School | Kids run around the block and kiss the Hardrock |
| 1500 | Drop bag deadline | Silverton School |  |
| $1500-1700$ | Hardrock BOD Meet and Greet | Silverton School |  |
| $1800-2000$ | San Juan County S\&R Fund Raiser Dinner | Grumpy's Restaurant | In Grande Imperial Hotel |

Friday, July 11, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| 0430 | Breakfast | Local Restaurants-TBA |  |
| $0500-0545$ | Mandatory runner check-in | Silverton School | Runners not checked in by 0545 will lose their entry. |
| 0600 | Start | Silverton School |  |

Saturday, July 12, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| On-going | Still busy/info available | Silverton School |  |

Sunday, July 13, 2014

| Time | What | Where | Comments |
| :---: | :---: | :---: | :---: |
| 0600 | Last official finisher | Silverton School |  |
| 0700 | Runner and S\&R status summary | Silverton School |  |
| 0900 | Awards banquet/ceremony | Silverton School |  |
| 1200 | End of runner activities | Silverton School |  |


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