

2011 Hardrock Hundred Results & Analysis

October 15, 2011

(rev 0)

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The following pages contain the 2011 Hardrock Hundred results and some analysis.

1. 2011 Results by Segment.
2. 2011 Results in Elapsed Time.
3. 2011 Results in Time of Day.
4. Listing of all Hardrock Finishers.
5. Revised fact sheets showing year-by-year summaries.
6. Summary of Fifteen-Year, Ten-Year, Awards and Five-Year Awards.
7. Four-plus Finishers Lists.
8. Finisher Statistics by Year.
9. More plots of various Hardrock statistics than you ever wanted to see.

The 2011 original data was from various sources. As usual, I take full responsibility for any errors in analysis or transposition. If any errors are discovered, please let me know.

If anyone thinks we need additional or different analysis, please contact me.

2011 Hardrock 100 Results by Segment

| Place | Runner | Bib | 8.6 mi | | 14.7 mi | | 19.0 mi | | 28.1 mi | | 41.5 mi | | 48.0 mi | | 55.9 mi | | 63.8 mi | | 67.0 mi | | 72.0 mi | | 81.3 mi | | 88.3 mi | | 93.9 mi | | 100.5 mi | | Finish Time |
|-------|----------------------------|-----|--------|------------|---------|--------|---------|------------|---------|---------|---------|--------|---------|----------|---------|-------|---------|----------|---------|--------|---------|-----------|---------|---------|---------|----|---------|--------|----------|-----------|-------------|
| | | | To | Cunningham | To | Maggie | To | Pole Creek | To | Sherman | To | Grouse | To | Engineer | To | Ouray | To | Governor | To | Kroger | To | Telluride | To | Chapman | To | KT | To | Putnam | To | Silverton | |
| DNF | Kathie Lang, F 62 OR | 155 | 3:18 | 16 | 3:06 | 2 | 1:28 | 1 | 3:01 | 7 | 8:16 | 26 | | | | | | | | | | | | | | | | | | | DNF |
| DNF | Roy Heger, M 57 OH | 139 | 3:21 | 3 | 3:07 | 3 | 1:29 | 6 | 3:06 | 16 | 6:30 | 128 | | | | | | | | | | | | | | | | | | | DNF |
| DNF | Deb Pero, F 57 NM | 196 | 3:15 | 2 | 3:13 | 4 | 1:29 | 8 | 3:04 | 23 | 8:57 | 37 | | | | | | | | | | | | | | | | | | | DNF |
| DNF | Bruce Swanson, M 48 NY | 183 | 2:33 | 1 | 2:28 | 3 | 1:16 | 3 | 3:03 | 7 | | | | | | | | | | | | | | | | | | | | | DNF |
| DNF | Charlie Culver, M 31 CO | 119 | 2:46 | 6 | 2:45 | 2 | 1:31 | 4 | 3:12 | 12 | | | | | | | | | | | | | | | | | | | | | DNF |
| DNF | Elizabeth Bouquet, F 60 CO | 107 | 3:00 | 3 | 2:52 | 5 | 1:31 | 3 | 3:05 | 19 | | | | | | | | | | | | | | | | | | | | | DNF |
| DNF | Michael Gleman, M 63 FL | 131 | 3:08 | 4 | 3:24 | 3 | 1:48 | 3 | 7:30 | 10 | | | | | | | | | | | | | | | | | | | | | DNF |
| DNF | Stephen Wilkinson, M 47 MA | 190 | 3:54 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | DNF |

2011 Hardrock 100 Results in Elapsed Time

| Place | Runner | Bib | 8.6 mi | 14.7 mi | 19.0 mi | 28.1 mi | 41.5 mi | 48.0 mi | 55.9 mi | 63.8 mi | 67.0 mi | 72.0 mi | 81.3 mi | 88.3 mi | 93.9 mi | 100.5 mi | |
|-------|----------------------------|-----|------------------------|--------------------------|------------------------|---------------------|--------------------------|----------------------|-------------------|----------------------------|----------------------|-----------------------|---------------------|----------------|--------------------|-----------------|-----|
| | | | Cunningham In - Out | Maggie Gulch In - Out | Pole Creek In - Out | Sherman In - Out | Grouse Gulch In - Out | Engineer In - Out | Ouray In - Out | Governor Basin In - Out | Kroger's In - Out | Telluride In - Out | Chapman In - Out | KT In - Out | Putnam In - Out | Silverton In | |
| DNF | Jim Baker, M 61 OK | 102 | 02:58-03:07 | 05:03-05:04 | 07:15-07:22 | 10:16-10:24 | 16:45 | | | | | | | | | | DNF |
| DNF | Jean-Francois Geiss, M 58 | 129 | 02:45-02:47 | 05:29-05:30 | 06:56-06:59 | 09:52-10:10 | 16:48 | | | | | | | | | | DNF |
| DNF | Allen Wrinkle, M 47 TX | 192 | 02:46-02:54 | 05:42-05:44 | 07:08-07:11 | 10:07-10:41 | 16:51 | | | | | | | | | | DNF |
| DNF | Markus Wiaderek, M 259 QC | 188 | 02:45-02:47 | 05:15-05:21 | 06:49-06:52 | 09:53-10:14 | 16:53 | | | | | | | | | | DNF |
| DNF | Rick Percy, M 58 CO | 43 | 03:03-03:08 | 05:50-05:51 | 07:24-07:27 | 10:33-10:43 | 18:21 | | | | | | | | | | DNF |
| DNF | Marty Fritzhand, M 259 OH | 44 | 02:48-02:52 | 05:42-05:43 | 07:08-07:13 | 10:11-10:29 | 18:22 | | | | | | | | | | DNF |
| DNF | Kathie Lang, F 62 OR | 155 | 03:18-03:34 | 06:40-06:42 | 08:10-08:11 | 11:12-11:19 | 19:35 | | | | | | | | | | DNF |
| DNF | Roy Heger, M 57 OH | 139 | 03:21-03:24 | 06:31-06:34 | 08:03-08:09 | 11:15-11:31 | 18:01-20:09 | | | | | | | | | | DNF |
| DNF | Deb Pero, F 57 NM | 196 | 03:15-03:17 | 06:30-06:34 | 08:03-08:11 | 11:15-11:38 | 20:35 | | | | | | | | | | DNF |
| DNF | Bruce Swanson, M 48 NY | 183 | 02:33-02:34 | 05:02-05:05 | 06:21-06:24 | 9:27 | | | | | | | | | | | DNF |
| DNF | Charlie Culver, M 31 CO | 119 | 02:46-02:52 | 05:37-05:39 | 07:10-07:14 | 10:26 | | | | | | | | | | | DNF |
| DNF | Elizabeth Bouquet, F 60 CO | 107 | 03:00-03:03 | 05:55-06:00 | 07:31-07:34 | 10:39-10:58 | | | | | | | | | | | DNF |
| DNF | Michael Gleman, M 63 FL | 131 | 03:08-03:12 | 06:36-06:39 | 08:27-08:30 | 16:00 | | | | | | | | | | | DNF |
| DNF | Stephen Wilkinson, M 47 MA | 190 | 03:54-04:02 | | | | | | | | | | | | | | DNF |

2011 Hardrock 100 Results in Time of Day

| Place | Runner | Bib | 8.6 mi Cunningham In - Out | 14.7 mi Maggie Gulch In - Out | 19.0 mi Pole Creek In - Out | 28.1 mi Sherman In - Out | 41.5 mi Grouse Gulch In - Out | 48.0 mi Engineer In - Out | 55.9 mi Ouray In - Out | 63.8 mi Governor Basin In - Out | 67.0 mi Kroger's In - Out | 72.0 mi Telluride In - Out | 81.3 mi Chapman In - Out | 88.3 mi KT In - Out | 93.9 mi Putnam In - Out | 100.5 mi Silverton In | Finish Time |
|-------|----------------------------------|-----|----------------------------------|-------------------------------------|-----------------------------------|--------------------------------|-------------------------------------|---------------------------------|------------------------------|---------------------------------------|---------------------------------|----------------------------------|--------------------------------|---------------------------|-------------------------------|-----------------------------|----------------|
| DNF | Kerry Collings, M 62 UT | 40 | 08:53-08:58 | 11:36-11:38 | 13:02-13:06 | 16:05-16:38 | 22:50-23:18 | 02:37-02:50 | 6:41 | | | | | | | | DNF |
| DNF | Joe Prusaitis, M 57 TX | 175 | 08:45-08:46 | 11:45-11:50 | 13:08-13:11 | 15:48-16:11 | 23:14-00:28 | 03:47-03:55 | 6:59 | | | | | | | | DNF |
| DNF | George Hitzfeld, M 51 TX | 141 | 09:05-09:16 | 12:08-12:12 | 13:37-13:45 | 17:10-17:55 | 00:17-01:04 | 04:01-04:04 | 7:23 | | | | | | | | DNF |
| DNF | Stuart Johnson, M 52 KS | 147 | 08:49-08:52 | 11:34-11:36 | 13:01-13:04 | 16:01-16:13 | 22:32-22:54 | 02:21-02:26 | 7:50 | | | | | | | | DNF |
| DNF | Tom Stockton, M 51 NM | 24 | 08:33-08:37 | 10:50-10:50 | 11:54-11:56 | 14:07-14:16 | 19:04-19:20 | 22:00-22:08 | 00:53-09:20 | | | | | | | | DNF |
| DNF | Richard Knapp, M 59 NM | 152 | 09:18-09:34 | 12:12-12:18 | 13:41-13:48 | 16:45-17:05 | 00:52-01:38 | 05:15-05:20 | 10:00 | | | | | | | | DNF |
| DNF | Randy Wojno, M 52 CO | 26 | 08:53-09:07 | 11:54-11:59 | 13:22-13:27 | 16:23-16:31 | 22:32-22:51 | 02:03-02:13 | | | | | | | | | DNF |
| DNF | Glenn Mackie, M 49 TX | 8 | 08:15-08:17 | 10:14-10:14 | 11:12-11:13 | 13:13-13:16 | 17:34 | | | | | | | | | | DNF |
| DNF | Nerea Martinez Urruzola, F 39 SP | 164 | 08:06-08:07 | 09:59-09:59 | 10:52-10:53 | 12:48-12:49 | 18:50 | | | | | | | | | | DNF |
| DNF | John Machray, M 58 BC | 162 | 08:47-08:52 | 12:11-12:19 | 13:49-13:58 | 17:05-17:41 | 20:07 | | | | | | | | | | DNF |
| DNF | James Varner, M 34 WA | 185 | 08:20-08:22 | 10:28-10:29 | 11:31-11:33 | 13:59-14:06 | 20:34 | | | | | | | | | | DNF |
| DNF | Ryan McDonald, M 38 CA | 166 | 08:43-08:46 | 11:15-11:20 | 12:36-12:41 | 15:24-15:38 | 21:59 | | | | | | | | | | DNF |
| DNF | Jeff Heasley, M 44 CO | 138 | 08:50-08:53 | 11:36-11:38 | 13:00-13:02 | 15:50-16:00 | 22:00 | | | | | | | | | | DNF |
| DNF | Steve Pero, M 60 NM | 172 | 08:45-08:48 | 11:10-11:10 | 12:29-12:30 | 15:13-15:33 | 22:00 | | | | | | | | | | DNF |
| DNF | Greg Loomis, M 37 VA | 161 | 08:45-08:52 | 11:16-11:23 | 12:36-12:39 | 15:39-16:05 | 22:24 | | | | | | | | | | DNF |
| DNF | Lance Johnson, M 45 NM | 149 | 08:45-08:47 | 11:33-11:33 | 12:54-13:01 | 15:44-16:09 | 22:31 | | | | | | | | | | DNF |
| DNF | Odin Christensen, M 64 CO | 113 | 08:47-08:53 | 11:30-11:33 | 12:57-13:00 | 15:57-16:11 | 22:31 | | | | | | | | | | DNF |
| DNF | Wendell Doman, M 52 CA | 36 | 08:47-08:48 | 11:48-11:49 | 13:17-13:19 | 16:09-16:15 | 22:44 | | | | | | | | | | DNF |
| DNF | Jim Baker, M 61 OK | 102 | 08:58-09:07 | 11:03-11:04 | 13:15-13:22 | 16:16-16:24 | 22:45 | | | | | | | | | | DNF |
| DNF | Jean-Francois Geiss, M 58 | 129 | 08:45-08:47 | 11:29-11:30 | 12:56-12:59 | 15:52-16:10 | 22:48 | | | | | | | | | | DNF |
| DNF | Allen Wrinkle, M 47 TX | 192 | 08:46-08:54 | 11:42-11:44 | 13:08-13:11 | 16:07-16:41 | 22:51 | | | | | | | | | | DNF |
| DNF | Markus Wiaderek, M 259 QC | 188 | 08:45-08:47 | 11:15-11:21 | 12:49-12:52 | 15:53-16:14 | 22:53 | | | | | | | | | | DNF |
| DNF | Rick Percy, M 58 CO | 43 | 09:03-09:08 | 11:50-11:51 | 13:24-13:27 | 16:33-16:43 | 0:21 | | | | | | | | | | DNF |
| DNF | Marty Fritzhand, M 259 OH | 44 | 08:48-08:52 | 11:42-11:43 | 13:08-13:13 | 16:11-16:29 | 0:22 | | | | | | | | | | DNF |
| DNF | Kathie Lang, F 62 OR | 155 | 09:18-09:34 | 12:40-12:42 | 14:10-14:11 | 17:12-17:19 | 1:35 | | | | | | | | | | DNF |
| DNF | Roy Heger, M 57 OH | 139 | 09:21-09:24 | 12:31-12:34 | 14:03-14:09 | 17:15-17:31 | 00:01-02:09 | | | | | | | | | | DNF |
| DNF | Deb Pero, F 57 NM | 196 | 09:15-09:17 | 12:30-12:34 | 14:03-14:11 | 17:15-17:38 | 2:35 | | | | | | | | | | DNF |
| DNF | Bruce Swanson, M 48 NY | 183 | 08:33-08:34 | 11:02-11:05 | 12:21-12:24 | 15:27 | | | | | | | | | | | DNF |
| DNF | Charlie Culver, M 31 CO | 119 | 08:46-08:52 | 11:37-11:39 | 13:10-13:14 | 16:26 | | | | | | | | | | | DNF |
| DNF | Elizabeth Bouquet, F 60 CO | 107 | 09:00-09:03 | 11:55-12:00 | 13:31-13:34 | 16:39-16:58 | | | | | | | | | | | DNF |
| DNF | Michael Gleman, M 63 FL | 131 | 09:08-09:12 | 12:36-12:39 | 14:27-14:30 | 22:00 | | | | | | | | | | | DNF |
| DNF | Stephen Wilkinson, M 47 MA | 190 | 09:54-10:02 | | | | | | | | | | | | | | DNF |

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

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

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

(Ver140CT11)

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

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

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

(Ver140CT11)

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

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

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

(Ver140CT11)

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

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

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

(Ver140CT11)

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

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

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

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

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

Hardrock Hundred High Finishers

(as of July 13, 2011)

17 Finishes

Kirk Apt

14 Finishes

John DeWalt

11 Finishes

Tyler Curiel

Betsy Nye

Mike Ehrlich

10 Finishes

Charlie Thorn
Margaret Heaphy

Roch Horton

Ulli Kamm

Kris Kern

9 Finishes

Mike Dobies

Rickie Redland

8 Finishes

Gordon Hardman

Dennis Drey

7 Finishes

Hans-Dieter Weisshaar

Joe Prusaitis

Kerry Collings

Kristina Irvin

Odin Christensen

Rick Hodges

Rollin Perry

Chris Twiggs

Diane Van Deren

Scott Eppleman

Scott Olmer

Todd Salzer

16 Finishes

Blake Wood

13 Finishes

Mark Heaphy

6 Finishes

Chuck Kroger

Don Platt

James Nelson

Jan Fiala

Jared Campbell

Karl Meltzer

Murry Schart

Paul Sweeney

Billy Simpson

Brett Gosney

Rodger Wrublik

Scott Brockmeier

5 Finishes

Bud Phillips

Craig Wilson

David Horton

Dick Curtis

Emily Baer

Glenn Mackie

Jim Ballard

Jim Fisher

Nigel Finney

Randy Rhodes

Scott Jaime

Scott Mills

Tom Garrison

Bruce Grant

Robert Andrulis

Larry Hall

15 Finishes

Randy Isler

12 Finishes

Betsy Kalmeyer

4 Finishes

Allen Hadley

Bert Meyer

Cory Johnson

David Coblentz

Dennis Herr

Duane Nelson

Geoff Miller

Howie Stern

Jean-Francois Geiss

Jim Baker

Julie Westlund

Lance Johnson

Liz Bauer

Matt Mahoney

Michael Bur

Mike Burke

Neal Taylor

Phil Kahn

Randy Wojno

Rich Haefele

Ricky Denesik

Thomas Knutson

Thomas Schnitzius

Tom Hayes-McGoff

Tom Rowe

Wendell Doman

Ted Mahon

Greg Hartman

David Pease

Daniel Benhammou

Diana Finkel

John Hallsten

Hardrock Hundred Summary Table of Finishes

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