

BADWATER



BADWATER



**WORLD'S
TOUGHEST**

July 2016



Death Valley

National Park

The nation's **Lowest, Driest, & Hottest**

Welcomes the world's **Toughest**

Photos: Enrico Meier

2016
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TABLE OF CONTENTS

Welcome Letter	3
Schedule of Events	5
Sponsors Thank You	7
Mt. Gaoligong Ultra	8
BADWATER Cape Fear 2016	10
BADWATER Salton Sea 2016	14
Meaning of Badwater	19
AdventureCORPS (Formerly Death Valley) Cup	20
The Official Charities of AdventureCORPS	22
One Percent For The Planet	24
Race Map	32
Race Route	34
Course Description	37
Lone Pine Map and Services	38
The Dangers of Hot Weather Running	42
Medical Risks	45
The Dangers of Running in the Heat	46
Race Rules	48
2015 Time Splits and Race Results	54
2015 Badwater 135 Men's & Women's Champions	56
2015 Badwater 135 Final Male and Female Finishers	57
Finisher Data Analysis	58
2016 Roster Quick-Reference	59
Race Roster & 2015 Group Photo	60
BADWATER ULTRA CUP 2014	63
BADWATER ULTRA CUP 2015	64
BADWATER ULTRA CUP 2015	65

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"Out There Since 1984"

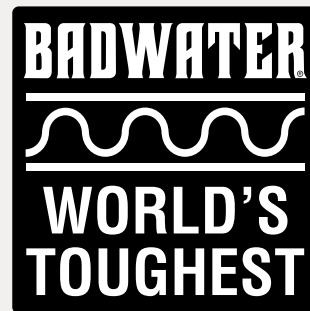


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age 43 of of Lysterfield, Australia ran a 23:23:27,
placing 4th overall, in 2015.

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*- Jerry H, genl mgr
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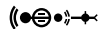
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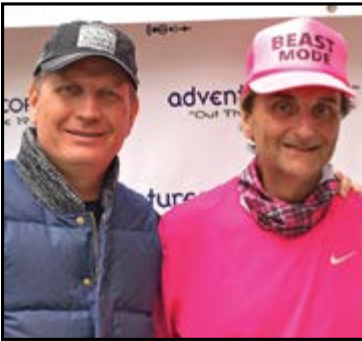
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adventureCORPS®

"Out There Since 1984"



Chris with Jared Fetterolf.



Chris with Phil Nimmo.



Chris with Yoshiko Jo.



Chris with Norma Bastidas.

Welcome to the July 2016 edition of BADWATER® Magazine! We are AdventureCORPS®, Inc., an athlete-run firm producing and promoting ultra-endurance sports events and the BADWATER® brand. Adventure is our way of life, so we are pleased to host the 39th anniversary STYR Labs Badwater® 135, known globally as “the world’s toughest foot race,” on July 18-20, 2016.

This year we tip our hat to the National Park Service, celebrating their 100th birthday on August 25, 2016! Death Valley is the largest U.S. National Park outside Alaska at 3.4 million acres. Nearly 1000 miles of paved and dirt roads provide access to locations both popular and remote. Even so, 91% of the park is protected as officially designated Wilderness. That wild country includes low valley floors crusted with barren salt flats, rugged mountains rising as much as 11,000 feet, deep and winding canyons, rolling sand dunes, and spring-fed oases.

The STYR Labs Badwater 135 is the final event in the Badwater® Ultra Cup, a three race series which began with the 51-mile Badwater® Cape Fear in March, continued with the 81-mile Badwater® Salton Sea in May, and now concludes with the STYR Labs Badwater 135 in July. Those runners who complete all three events in the same calendar year are featured on the Badwater.com website and their virtues are extolled throughout the Internet and in future editions of BADWATER Magazine. In 2014, seven remarkable athletes completed the entire Badwater Ultra Cup, nine did so in 2015, while this year sixteen have completed the first two Badwater races and will now toe the line at the third and final race.

A true “challenge of the champions,” the legendary STYR Labs Badwater 135 pits up to 100 of the world’s toughest athletes—runners, triathletes, adventure racers, and mountaineers representing 21 countries and 27 American states – against one another and the elements. Covering 135 miles (217km) non-stop from the bottom of Death Valley to high on Mt. Whitney, CA, at the hottest time of the year, the STYR Labs Badwater 135 is the most demanding and extreme running race offered anywhere on the planet.

The start line is at Badwater Basin, Death Valley, which marks the lowest elevation in North America at 280’ (85m) below sea level. The first 86.4 miles of the race course fall within Death Valley National Park. The Badwater 135 course covers three mountain ranges for a total of 14,600’ (4450m) of cumulative vertical ascent and 6,100’ (1859m) of cumulative descent. Whitney Portal is the trailhead to the Mt. Whitney summit, the highest point in the contiguous United States, and serves as the finish line.

Now in its seventeenth year producing this race, AdventureCORPS is pleased to welcome our title sponsor, STYR Labs—an innovative nutrition customization and tracking platform delivering cutting-edge supplements to connected athletes and health and fitness consumers worldwide. The advanced ecosystem includes an activity tracker, wireless scale and free app that collects health and fitness data to create personalized multivitamins or protein blends specific to the user’s health and fitness goals and needs. Sergio Radovic, founder of STYR Labs, is no stranger to this race with three consecutive Badwater 135 finishes.

We also greatly appreciate the support of Farm to Feet Socks, Fisher Space Pen, Caring House Project Foundation, ZZYXXXZ, and ZombieRunner.com, plus the local support of Furnace Creek Ranch, Stovepipe Wells Resort, Panamint Springs Resort, Dow Villa, Pizza Factory, the community of Lone Pine, CA, the people of Inyo County, and other generous companies and individuals.

Additionally, we salute the National Park Service, U.S. Forest Service, Inyo County, California Department of Transportation, and California Highway Patrol, whose staff - and permits - oversee this event. Finally, this race could not be held without the nearly 50 amazing, tireless, wonderful volunteers who make it all happen! We thank them especially!

Yours in sport,

Chris Kostman

Race Director and Chief Adventure Officer

Fisher Space Pen® is a proud US Sponsor of BADWATER. Every manned space flight for the past 50 years has used our pens for their American Technology. Our products are guaranteed to perform in temperatures from -30° F to +250° F, underwater, in zero gravity, at any angle, even upside down!

Our pens are the choice of ski patrols, search and rescue teams, law enforcement agencies, armed forces, and everyone who works outdoors, writes at odd angles or demands reliability from their writing instrument.



SCHEDULE OF EVENTS

Sunday, July 17

100-400pm: Runner Check-In and Registration / Retail of BADWATER Gear: Held in Marquez Room, Furnace Creek Inn. Park in gravel lot by the tennis courts with driveway entrance near the Badwater Road intersection. Do not drive up to the main entrance to the Inn. Please do not all show up at 300pm! It takes quite a while to go through the Check-In process! We suggest that 1st wave runners arrive at 100pm, 2nd wave runners arrive at 200pm, and 3rd wave runners arrive at 300pm. (Each Racer and their designated Crew Chief must attend; all crew are welcome as space allows).

500-630pm: Pre-Race Meeting for ALL Racers + ALL Crew Chiefs. ALL racers and ALL crew chiefs must attend the Pre-Race Meeting (but no other crew members). Held in the Auditorium at the Visitors Center, NOT at the Furnace Creek Inn.

630pm: Group Photo of All Racers at the Thermometer in front of the Visitors Center.

Monday, July 18

1200-200pm: Badwater Gear Retail In the Marquez Room, Furnace Creek Inn.

1230-130pm: OPTIONAL RACE RULES REVIEW / QUESTIONS & ANSWERS / DISCUSSION OF BEST CREWING PRACTICES. Since only racers + crew chiefs may attend the Pre-Race Meeting on Sunday, we are offering a follow-up meeting to review race rules and best crewing practices, as well as a Q&A session. If you want or need to know more before you start the race this evening, please attend! Held in the Marquez Room, Furnace Creek Inn.

130-200pm: Media Check-In and Briefing: All journalists / media / photographers must attend. Held in the Marquez Room, Furnace Creek Inn.

200-300pm: Private Staff Meeting: Marquez Room, Furnace Creek Inn.

Afternoon: Rest & Relaxation; Vehicle Prep.

800pm: 1st Wave Starts at Badwater: (ALL Wave 1 runners must check in at 730pm).

930pm: 2nd Wave Starts at Badwater: (ALL Wave 2 runners must check in at 830pm).

1100pm: 3rd Wave Starts at Badwater: (ALL Wave 3 runners must check in at 930pm).

Tuesday, July 19

300am: Furnace Creek General Store Closes. By special arrangement, the General Store at Furnace Creek will remain open on

the first night of the race until 300am. They have food, snacks, drinks, ice, and much more. Please support them, and stock up heavily!

300am: Stovepipe Wells General Store and Gas Station Opens. By special arrangement, the General Store and Gas Station in Stovepipe Wells (at mile 42 of the race route) will open at 300am during the first night of the race. They have food, snacks, drinks, ice, and much more. Please support them, and stock up heavily!

1000am: First Time Cut-Off. Deadline for ALL RUNNERS, regardless of starting wave, to pass Mile 50.5 (2000' Elevation Sign, located 8.6 miles beyond Stovepipe Wells)

800pm: Approximate Time for First Runner to Cross the Finish Line.

1159pm: Second Time Cut-Off. Deadline for ALL RUNNERS, regardless of starting wave, to pass Mile 72 (Panamint Springs Resort)

Wednesday, July 20

500am: Third Time Cut-Off. Deadline for ALL RUNNERS, regardless of starting wave, to pass Mile 90 (Darwin Time Station)

700-900pm: Post-Race Get-together, Lo-Inyo Elementary School, Multipurpose Room, 223 East Locust Street, 1.5 blocks east of 395 (north end of town). Pizza and drinks will be served. No charge (up to four crew per runner may attend). **NOTE: Though the 48-hour overall time limit remains in place in 2016, ALL RUNNERS are encouraged to complete the race by 600pm on Wednesday in order to attend the post-race get-together in Lone Pine. That "soft" deadline equals a 46 hour completion for the 800pm wave runners, 44.5 hours for 930pm wave starters, and a 43 hour completion for 1000pm wave starters.**

800pm: Course Closes for 1st Wave Runners (48 hour time limit, based on start; all runners recommended to finish by 600pm.)

930pm: Course Closes for 2nd Wave Runners (48 hour time limit, based on start; all runners recommended to finish by 600pm.)

1100pm: Course Closes for 3rd Wave Runners (48 hour time limit, based on start; all runners recommended to finish by 600pm.)

SUNRISE / SUNSET: Civil Twilight (AM): 5:20am | Sunrise: 5:59am | Sunset: 8:05pm | Moonrise: 7:05pm | Civil Twilight (PM): 8:34pm | Moonset: 4:44am.

PERMITS: This event is held under special use permits from the California Department of Transportation, Inyo National Forest, Death Valley National Park, and Inyo County, and is additionally overseen by the California Highway Patrol. (If one of these agencies won't issue us a permit, this race could be cancelled. Please keep that in mind!)

DRIVING DISTANCES:

- Las Vegas Airport to Furnace Creek: 140 miles
- Los Angeles Airport to Furnace Creek: 250 miles
- Lone Pine to Las Vegas Airport: 240 miles
- Lone Pine to Los Angeles Airport: 210 miles

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AdventureCORPS is pleased to welcome the support of STYR Labs, ZombieRunner.com, Fisher Space Pen, Farm to Feet, ZZYXXXZ , and Caring House Project Foundation, Furnace Creek Ranch, Stovepipe Wells, Panamint Springs Resort, and Dow Villa of Lone Pine, the community of Lone Pine, CA, the County of Inyo, and other generous companies and individuals.



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November 18-19, 2016

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BADWATER CAPE FEAR

The third annual **Badwater Cape Fear** 50km / 51mi ultramarathon took place March 19 on Bald Head Island, North Carolina. A field of 117 runners from six countries and 21 American states competed, with 48 runners completing the 50km and 67 runners completing the 51-mile race.

With 50km and 51-mile race options, Badwater® Cape Fear features a twelve-mile warm-up on the car-free, one-lane-wide roads of Bald Head Island, followed by either 19 or 39 miles of running on the wild and secluded sandy beach between Cape Fear and Fort Fisher. The race is held along the Atlantic Seaboard with spectacular views of the Frying Pan Shoals to the east and wild and undeveloped marshlands to the west. Running this remote coast is a dramatic, invigorating, and inspiring manner in which to experience the Cape Fear region in all its grandeur!

This exquisite natural setting is the perfect antidote to the “real world” and a wonderful counterpart to the desert sands and



mountains of Death Valley and Anza-Borrego Desert featured in the two West Coast BADWATER® races.

Registration is already open for the March 18, 2017 edition, and there is a 150-runner limit!

Visit www.badwater.com for all the info and registration link.





About Cape Fear

Cape Fear is a prominent headland jutting into the Atlantic Ocean from Bald Head Island on the coast of North Carolina in the southeastern United States. It is largely formed of barrier beaches and the silty outwash of the Cape Fear River as it drains the southeast coast of North Carolina through an estuary south of Wilmington.

Cape Fear is formed by the intersection of two sweeping arcs of shifting, low-lying beach, the result of longshore currents which also form the treacherous, shifting Frying Pan Shoals, part of the Graveyard of the Atlantic.

Dunes dominated by sea oats occur from the upper beach driftline back to the stable secondary dunes, where they mix with other grasses such as Saltmeadow Cordgrass and panic grass, as well as seaside goldenrod, spurge and other herbs to form a stable salt-tolerant grassland.

The Cape Fear estuary drains the largest watershed in North Carolina, containing 27% of the state's population.

Giovanni da Verrazzano, the Italian explorer sailing for France, made landfall after crossing the Atlantic at or near Cape Fear on March 1, 1524.

The name comes from the 1585 expedition of Sir Richard Grenville. Sailing to Roanoke Island, his ship became embayed behind the cape. Some of the crew were afraid they would wreck, giving rise to the name Cape Fear.[1] It is the fifth-oldest surviving English place name in the U.S.[2]

Cape Fear was the landing place of General Sir Henry Clinton during the American Revolutionary War on May 3, 1775. The 1962 movie Cape Fear and its 1991 remake were set at Cape Fear.

The legend of Cape Fear lives on with BADWATER® CAPE FEAR!

Source: Wikipedia





The fourth annual **Badwater Salton Sea** 81-mile ultramarathon was held May 1-2, 2016. After three years with a race field of about 50 runners, this year's event saw 89 runners on the start line! This remarkable event challenges up to 35 teams of two or three ultrarunners—running together as duos or trios for the duration, NOT in a relay—to tackle an unimaginable traverse of Southern California deserts and mountains.

The route covers 81 miles (130km) non-stop from below sea level at the shoreline of the Salton Sea, across, up, and over Anza-Borrego Desert State Park, to the top of Palomar Mountain with a dramatic view of the Pacific Ocean. There is a total elevation gain of over 9000 feet. Eight of the 81 race miles pass through Anza-Borrego State Park on a single track trail known as the California Riding and Hiking Trail from near Borrego Springs to near Ranchita, creating a race route which is a mix of road and trail.

Pre-race activities include a run past the metal sculptures dotting Borrego Springs, a hike on the mountain trail section of the race, a visit to the “fish skeleton beach” shoreline of the Salton Sea, and more!

Registration is already open for the April 30 - May 1, 2017 edition, and there is a 100-runner limit!

Visit www.badwater.com for all the info and registration link.



Salton Sea



**Anza-Borrego
Desert State Park**



**Palomar Mountain
Finish Line**









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*Chris Kostman, your BADWATER and Silver State 508 race director,
racing across Nevada's Hwy 50 during the 1987 Race Across America,
with support vehicle and his mascot Gumby in tow.
Photo by David Nelson.*

THE MEANING OF BADWATER

Badwater the brand represents everything I never thought I could be and everything I want to prove to myself that I am.

—Desiree Marek

Badwater represents the ultimate in athletic achievement and extreme endurance. Races like Badwater are the final frontier in a world of tainted competitive athletics. One in which all other sports and athletes are motivated by monetary gain and will do anything, including cheating via the use of performance enhancing drugs and other means to gain a competitive advantage. The fact that Badwater, a race across Death Valley in the summer, offers no prize money and yet runners from around the world fight to be admitted proves that humanity can still be pure; athletics can still be pure and Badwater is the ultimate example of this.

—Derek Dowell

To me, the name Badwater means perseverance and the feeling of being a molecular across the infinitive land of the desert and fighting against time.

—Mohamad Ahansal

“BADWATER” means family, vision and gratitude. Our lives and passion for Badwater unite us for we are daring, we are different; we are impractical. Our purpose and imaginative vision unite us and show extraordinary to the ordinary. I possess the belief within me that the 135-mile journey is representative of all our lives. Looking upwards to the night sky, I am filled with strength and when I look within, I am grateful and find peace that all is well. I hold the vision and trust knowing that every positive thought and word of encouragement we share with each other propels us in the right direction. We are one; we are family.

—Kim Budzik

The Badwater brand means quality, safety, challenge and fun.

—David Coats

Great people, great places, epic adventures!

—John Corey

Badwater to me is a brand that represents the gold standard in endurance running achievement. Badwater 135 is the Augusta National of the golf world. It is the Superbowl of ultra-running.

—William Corley

Meeting, running, participating, visiting, and following BADWATER events, implies to me the Elite Running Family. The Badwater Family is a proud group that stands out for their teaching skills and mentorships, well beyond their great remarkable individual accomplishments.

—Dale Cougot

Badwater means badass! It means toughness, grit, tenacity, and athletes showing up in the best shape of their lives and putting it all out there on the line.

—Sada Crawford

Badwater means challenge, adventure, strife, excitement fatigue, extreme heat, and triumph.

—Kayla Delk

When I hear the name/brand “Badwater” I think of “world’s toughest”, and “the holy grail of ultra-running.”

—Luigi Dessy

I truly believe BADWATER reveals honesty, integrity, loyalty and team spirit in all of us and it is beautiful.

—Kyle Fahrenkamp

The three words I would most associate with the Badwater brand are “Unique,” “Integrity,” and “Transcendent.”

—William Gane

Two words... Grit and Determination.

—David Hirschfield

Badwater means strength, humility and kindness to me.

—Nobumi Iwamoto

Pride and Tradition.

—Yoshiko Jo

To me, it means many things. It means letting your actions speak for you, both in what you aspire to be and how you help others realize their own dreams. It’s a family of individuals who have the highest level of competitive spirit, but at the same time encourage and pull for each other to overcome any obstacle. It’s an inner drive that even those with no athletic hopes or dreams are inspired by.

—Pete Kostelnick

Toughest Guts Hurdle All Difficulties!

—Tess Leono

The unachievable is achievable with an open mind, teamwork work and the drive and patience to make it happen.

—George Myers

When I think about the “Badwater” brand I think about promise, trust, personality, uniqueness, service, culture, and memorability.

—Marl Olson



The AdventureCORPS Cup (formerly the Death Valley Cup)

recognizes those athletes who complete both the Badwater 135 Ultramarathon and the Silver State 508 (formerly Furnace Creek 508) Bicycle Race in the same calendar year. To earn this recognition is a very significant achievement in endurance sports, and especially for those who love our AdventureCORPS events.

For more information about Silver State 508, visit: www.the508.com

CURRENT DEATH VALLEY CUP RECORD HOLDERS

Charlie Engle, “Water Dragon” Greensboro, NC, 47, 2009 (2nd DV Cup)



Badwater

25:45:11, 4th place

Furnace Creek

33:19:25, 4th place

=59:04:36 total time*

Shanna Armstrong “Dik Dik” Lubbock, TX, 34, 2008



Badwater

31:16:10, 3rd female, 7th overall

Furnace Creek

34:30:58, 5th female, 24th overall

=65:47:08 total time*

(*To receive the Death Valley Cup plaque, these combined record times must be broken.)

DEATH VALLEY CUP FINISHERS

* Note: The 2013 edition of Furnace Creek 508, also known as "Trona 353," was held on an abbreviated 353-mile course due to the federal government shutdown.

Athletes	Yr	Badwater	FC508	Time
Shanna Armstrong "Dik Dik" Lubbock, TX, 34	2008	Badwater, 31:16:10, 3rd female, 7th overall	Furnace Creek, 34:30:58, 5th female, 24th overall	=65:47:08*
Patrick Candé, "Golden Eagle" Tahiti, French Polynesia, 48	2005	Badwater, 34:13:21, 7th place	Furnace Creek, 36:52:12, 37th place	=71:05:33
Joaquin Candel, "Toro" Henderson, NV, 45	2015	Badwater, 42:55:23, 67th place	Silver State 508, 49:57:50, 22nd place	=92:53:43
Angelika Castaneda, "Cat" San Diego, CA, 56 (1st Ever female DV Cup)	1999	Badwater, 36:58, 1st female, 8th overall	Furnace Creek, 43:46:40, 3rd female, 18th overall	=80:44:40*
Meredith Dolhare, "RedAssd Monkey" Charlotte, NC, 40	2013	Badwater, 30:52:40 3rd female, 20th overall	"Trona 353*," 30:42:00 8th female, 54th overall	=60:34:40
Charlie Engle, "Water Dragon" Greensboro, NC, 45	2007	Badwater, 27:42:32, 5th place	Furnace Creek, 34:31:12, 13th place	=62:13:44
Charlie Engle, "Water Dragon" Greensboro, NC, 47 (2nd DV Cup)	2009	Badwater, 25:45:11, 4th place	Furnace Creek, 33:19:25, 4th place	=59:04:36*
Charlie Engle, "Water Dragon" Greensboro, NC, 51 (3rd DV Cup)	2013	Badwater, 26:15:35, 5th place	"Trona 353*," 26:52:00, 12th place	=53:07:35*
Monica Fernandez, "Quetzal" Casablanca, Morocco, 40, Guatemala	2008	Badwater, 35:17:59, 7th female, 12th overall	Furnace Creek, 32:58:12 2nd female, 12th overall	=68:16:11
Paul Grimm, "Wile E Coyote" Littleton, CO, 44	2012	Badwater, 46:13:12, 87th place	Furnace Creek, 45:10:28, 41st place	=91:23:40
Tim Hewitt, "Muskox" Greensburg, PA, 56	2010	Badwater, 36:30:52 26th place	Furnace Creek, 42:11:07 32nd place	=78:41:59
Nickademus Hollon, "Horned Lizard" San Diego, CA, 19	2009	Badwater, 33:21:29, 18th place	Furnace Creek, 44:06:44, 24th place	=77:28:13
Nickademus Hollon, "Horned Lizard" San Diego, CA, 20 (2nd DV Cup)	2010	Badwater, 31:53:00, 13th place	Furnace Creek, 39:53:28 21st place	=71:46:28
David Jackson, "Jackass" Lexington, KY, 43	2002	Badwater, 47:12:30, 25th place	Furnace Creek, 38:56:12 15th place	=86:08:42
James Kern, "Shrike" Sunnyvale, CA, 55	2013	Badwater, 33:57:30, 22nd place	"Trona 353*," 22:31:00, 11th place	=56:28:30
Charlie Liskey, "Lizard" Somis, CA, 40	1996	Badwater, 58:26, 14th place	Furnace Creek, 39:32:08 17th place	=97:58:08
Eric Meech, "Cattle Dog" San Diego, CA, 44	2013	Badwater, 41:17:32 47th place	"Trona 353*," 26:45:00 33rd place	=68:02:32
Jean Michel Monot, "Manta Ray" Tahiti, French Polynesia, 45	2005	Badwater, 36:51:12, 11th place	Furnace Creek, 35:53:48 31st place	=72:45:00
Ted Philip, "Mountain Gorilla" Wayland, ME, 47	2012	Badwater, 32:30:48, 24th place	Furnace Creek, 38:52:59, 17th place	=71:23:47
Greg Pressler, "Pheasant" Portland, OR, 43	2011	Badwater, 38:36:46 43rd place	Furnace Creek, 42:18:56 39th place	=80:55:42
Vito Rubino, "Crazy Ibex" Pasadena, CA, 36	2014	Badwater, 35:23:51 27th place	Silver State 508, 37:19:00 14th place	=72:42:51
Kaname Sakurai, "Sea Lion" Nagoya, Japan, 36	2000	Badwater, 27:52:14, 3rd place	Furnace Creek, 32:31:56, 2nd place	=60:24:10*
Michele Santilano, "Shongololo" Menlo Park, CA, 38, South Africa	2008	Badwater, 39:42:23, 11th female, 29th overall	Furnace Creek, 38:01:42, 7th female, 42nd overall	=77:44:05
Del Scharffenberg, "Spider" Portland, OR, 52	1997	Badwater, 48:16, 13th place	Furnace Creek, 42:15:26, 10th place	=90:31:26
Monica Scholz, "Scarlett Fairy Cup" Jerseyville, ON, Canada, 37	2004	Badwater, 29:22:29, 1st female, 3rd overall	Furnace Creek, 44:29:15, 1st female, 25th overall	=73:51:44
Monica Scholz, "Scarlett Fairy Cup" Jerseyville, ON, Canada, 39 (2nd DV Cup)	2006	Badwater, 32:07:01, 1st female, 8th overall	Furnace Creek, 40:00:02, 2nd female, 27th overall	=72:07:01
Joshua Talley, "Escape Goat" Santa Monica, CA, 43	2015	Badwater, 38:59:05, 44th place	Silver State 508, 39:07:08, 9th place	=78:06:13
Steve Teal, "Desert Duck" Phelan, CA, 40	2005	Badwater, 43:56:20, 34th place	Furnace Creek, 35:39:52 29th place	=79:46:12
Steve Teal, "Desert Duck" Phelan, CA, 41 (2nd DV Cup)	2006	Badwater, 42:29:16, 32nd place	Furnace Creek, 41:24:06 29th place	=83:53:22
Steve Teal, "Desert Duck" Phelan, CA, 42 (3rd DV Cup)	2007	Badwater, 44:16:27, 50th place	Furnace Creek, 34:16:04, 11th place	=78:32:31
Steve Teal, "Desert Duck" Phelan, CA, 43 (4th DV Cup)	2008	Badwater, 45:24:20, 56th place	Furnace Creek, 35:12:55, 26th place	=80:37:15
Steve Teal, "Desert Duck" Phelan, CA, 45 (5th DV Cup)	2010	Badwater, 42:15:49 47th place	Furnace Creek, 37:15:00, 16th place	=79:30:49
Marshall Ulrich, "Unicorn" Ft. Morgan, CO, 43 (1st Ever DV Cup)	1996	Badwater, 33:01, 1st place	Furnace Creek, 38:32:45 16th place	=71:33:45
Danny Westergaard, "Wiener Dog" Rolling Hills, CA, 48	2007	Badwater, 32:22:58, 12th place	Furnace Creek, 35:51:38, 19th place	=68:14:36
Danny Westergaard, "Wiener Dog" Rolling Hills, CA, 49 (2nd DV Cup)	2008	Badwater, 36:31:46, 17th place	Furnace Creek, 34:38:34, 23rd place	=71:10:20
Danny Westergaard, "Wiener Dog" Rolling Hills, CA, 50 (3rd DV Cup)	2009	Badwater, 35:51:24, 28th place	Furnace Creek, 39:54:25, 14th place	=75:45:49
Danny Westergaard, "Wiener Dog" Rolling Hills, CA, 51 (4th DV Cup)	2010	Badwater, 37:13:19 30th place	Furnace Creek, 40:32:17 23rd place	=77:45:36
Danny Westergaard, "Wiener Dog" Rolling Hills, CA, 52 (5th DV Cup)	2011	Badwater, 38:29:58 42nd place	Furnace Creek, 37:40:22 23rd place	=76:10:20
Danny Westergaard, "Wiener Dog" Rolling Hills, CA, 53 (6th DV Cup)	2012	Badwater, 39:52:42, 26th place	Furnace Creek, 33:22:00, 20th place	=73:14:42
Danny Westergaard, "Wiener Dog" Rolling Hills, CA, 54 (7th DV Cup)	2013	Badwater, 42:41:28, 59th place	"Trona 353", 28:54:00, 45th place	=71:35:28
Danny Westergaard, "Wiener Dog" Palos Verdes Estates, CA, 55 (8th DV Cup)	2014	Badwater, 38:25:08 46th place	Silver State 508, 41:23:00 17th place	=81:48:08
Danny Westergaard, "Wiener Dog" Palos Verdes Estates, CA, 56 (9th DV Cup)	2015	Badwater, 36:39:17, 31st place	Silver State 508, 43:08:00, 11th place	=79:42:17
Thomas Zaide, "Speedy Turtle" Long Beach, CA, 37	2014	Badwater, 46:33:40 78th place	Silver State 508, 47:35:00, 25th place	=94:08:40

THE OFFICIAL CHARITIES

THE OFFICIAL CHARITIES OF ADVENTURECORPS ARE THE CHALLENGED ATHLETES FOUNDATION, MAJOR TAYLOR ASSOCIATION, CARING HOUSE PROJECT FOUNDATION, AND BALD HEAD ISLAND CONSERVANCY. THE GOAL AND PURPOSE OF OUR EVENTS IS TO RAISE FUNDS FOR, AND AWARENESS OF, THESE WONDERFUL AND IMPORTANT ORGANIZATIONS.



The Challenged Athletes Foundation was created on the belief that people of all abilities should have the opportunity to pursue a life full of physical activity and of sports. Be they recreational or in pursuit of a gold medal at the Paralympic Games, people with a physical disability are limited only by their access to funding. Since 1994, CAF has raised more than \$47 million—allowing the Foundation to satisfy thousands of funding requests from challenged athletes in all 50 states and across the globe.

Over eighty cents of every dollar raised by CAF provides funding and programs that get challenged athletes into the game. Whether it's a \$2,000 handcycle, helping underwrite a \$15,000 running prosthetic or arranging enthusiastic encouragement from a mentor who has triumphed over a similar injury, CAF's mission is clear: give those with the desire to live active, competitive lifestyles every opportunity to compete in the sports they love.

Since 2002, AdventureCORPS has raised over \$350,000 for CAF, and AdventureCORPS athletes have raised equally impressive sums!

Website: www.challengedathletes.org



The Bald Head Island Conservancy was founded on Bald Head Island, NC in 1983 with a focus on barrier island conservation, preservation, and education. The Conservancy sponsors and facilitates scientific research that benefits coastal communities and provides numerous recreational and educational activities to the public. In coordination with various organizations, partnerships, and collaborations, the Conservancy has led the nation in conservation and research efforts and is uniquely poised to become a leader in Barrier Island Conservation world-wide.

Badwater fans and race participants will appreciate that BHIC cares for the pristine setting for the Badwater Cape Fear race route and its role as a sea turtle nesting site and sanctuary. The Conservancy also serves as the host and finish line for our event. As such, our goal is to raise \$10,000 to purchase one of the special UTV vehicles which BHIC uses to patrol the beach and care for sea turtle nesting sites.

Website: www.bhic.org



Since 2014, AdventureCORPS is proud to recognize **Caring House Project Foundation** as an Official Charity and support their efforts. Founded by ten-time Badwater 135 veteran Frank McKinney, and based on the principal that “stability begins at home,” CHPF provides shelter to the world's most desperately poor and homeless by building entirely self-sufficient villages in the poorest county in the world, Haiti.

As of today 10,400 have been provided with a new concrete home, and countless more are alive because of CHPF's efforts. In 2016 CHPF completed its 23rd self-sufficient village in Brinet, Haiti. That's right, 23rd self-sufficient village in the last 13 years! Thank you for all you do Frank and Nilsa!

Website: www.chpf.org



Founded by 10x Badwater veteran Frank McKinney, the **Caring House Project Foundation** builds self-sufficient villages for the world's most desperately poor and homeless by providing housing, education, food, water, medical support & capitalism in **Haiti, Honduras, Nicaragua, Indonesia, Africa & the United States.**

What CHPF is doing?

This year **Caring House Project** will build its 23rd self-sufficient village in the last 13 years in the small town of Brinet, Haiti located about two hours north of the capital city of Port au Prince. By the end of 2016, a total of 10,400+ people will have been sheltered because of CHPF, and thousands more are alive because of our (and your) efforts.



How can you help?

Please visit www.chpf.org to donate today.

There are many different donation options to choose from (Housing, Schooling, Orphanages, Church/Community Centers, Medical Clinics, Renewable Food, Clean Drinking Water, and a Miscellaneous category).

www.chpf.org
561.274.9696

ENVIRONMENT

AdventureCORPS events happen not in a man-made stadium, but in the real world “out there.” We care deeply about the natural world for we are intrinsically linked with it and because we want to enjoy these events in their awesome natural settings for a long, long time.

As such, we joined **One Percent For The Planet** on July 1, 2008, a growing global movement of more than 1200 companies that donate at least 1% of their sales to a network of more than 3600 approved environmental organizations worldwide. Therefore we donate at least 1% of total revenues (in other words, “off the top,” not just 1% of profit) to environmental causes. This is in addition to all the work we do on behalf of, and donations we make to, Challenged Athletes Foundation, Major Taylor Association, and Caring House Project Foundation, which are wonderful causes but not environmental in their focus. In the past ten years, we and our fellow One Percent For The Planet members have invested over \$100 million in positive environmental change.



In association with our membership in One Percent for the Planet, we have supported **The Conservation Alliance** since September, 2008. The Conservation Alliance is an organization of outdoor businesses whose collective contributions support grassroots environmental organizations and their efforts to protect wild places where outdoor enthusiasts recreate. Alliance funds have played a key role in protecting rivers, trails, wildlands and climbing areas throughout North America.



Membership in the Alliance is open to companies representing all aspects of the outdoor industry, including manufacturers, retailers, publishers, mills and sales representatives. The result is a diverse group of businesses whose livelihood depends on protecting our natural environment. Since its inception in 1989, the Alliance has contributed close to \$13 million to grassroots conservation groups throughout North America. The results of our funding have been remarkable. Alliance funding has helped to save more than 44 million acres, protect 2,945 miles of rivers, stop or remove 26 dams, and purchase 10 climbing areas. There are now more than 190 member companies, and plans to disburse \$1.65 million in 2015.

In 2014, we began supporting the **Bald Head Island Conservancy** with the inaugural BADWATER Cape Fear race by focusing attention on the race route’s pristine setting as a sea turtle nesting area and BHIC’s role as a leader in barrier island conservation, preservation and education.



Additionally, we have championed other environmental causes including the **Los Angeles County Bicycle Coalition**, a nonprofit organization with over 1,000 members that engages cyclists through advocacy, education and outreach across the county. Founded in 1998, LACBC brings together the diverse bicycling community in a united mission to improve the bicycling environment and quality of life for the entire region. In 2011, we donated \$10,000 to LACBC to initiate and sponsor the Jim Swarzman Memorial Membership Drive, an effort that brought \$23,000 into LACBC.

AdventureCORPS joined the **Death Valley Natural History Association** as Life Members and recognized DVNHA as an Official Charity of AdventureCORPS from 2009 through 2013. DVNHA is a non-profit organization supporting education, research, and preservation in Death Valley National Park and Ash Meadows National Wildlife Refuge. Some of their efforts include DeathValley R.O.C.K.S. (bringing inner city kids to experience one of the largest outdoor classrooms in the world), Devil’s Hole Pupfish Recovery, Death Valley All Taxa Biological Inventory, plus they run the wonderful gift shops in the Park.



According to DVNHA, AdventureCORPS has paid for, at the minimum, “every need (sleeping bags, cooking fuel, transportation) for one Death Valley ROCKS school group (50-60 students, chaperones, and teachers) every year since 2009.” AdventureCORPS athletes have also supported this and other DVNHA causes! Additionally, through DVNHA, AdventureCORPS and our athletes have donated \$5000 to support the recently renovated Death Valley National Park Visitors Center, as evidenced by five “donor tiles” are in the Visitors Center (one per \$1000 donation.)

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VE

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INSPIRING A PASSION

for Death Valley and Ash Meadows

Since 2009, AdventureCorps participants have contributed over \$20,000 to DVNHA in support of Death Valley National Park programs. To make a donation or shop with us online please visit dvnha.org.



Photos, clockwise from top left: Mosaic Canyon, Kimber Moore; Badwater, Salt Pan, Tim Kendziorzski; Devils Hole Pupfish, Kimber Moore; Ash Meadows collage, Tim Kendziorzski; Twenty Mule Team (historic), NPS.

Preserving and interpreting the natural and cultural resources of the Death Valley region in cooperation with our government partners: Death Valley National Park and Ash Meadows National Wildlife Refuge.



(800)478-8564
dvnha.org

Bookstore Locations:

- Furnace Creek Visitors Center
- Stovepipe Wells Ranger Station
- Scotty's Castle Museum (temporarily closed)
- Ash Meadows NWR

All proceeds benefit education and research in Death Valley National Park and Ash Meadows National Wildlife Refuge. Please visit us next time you are in the park or shop with us online at dvnha.org

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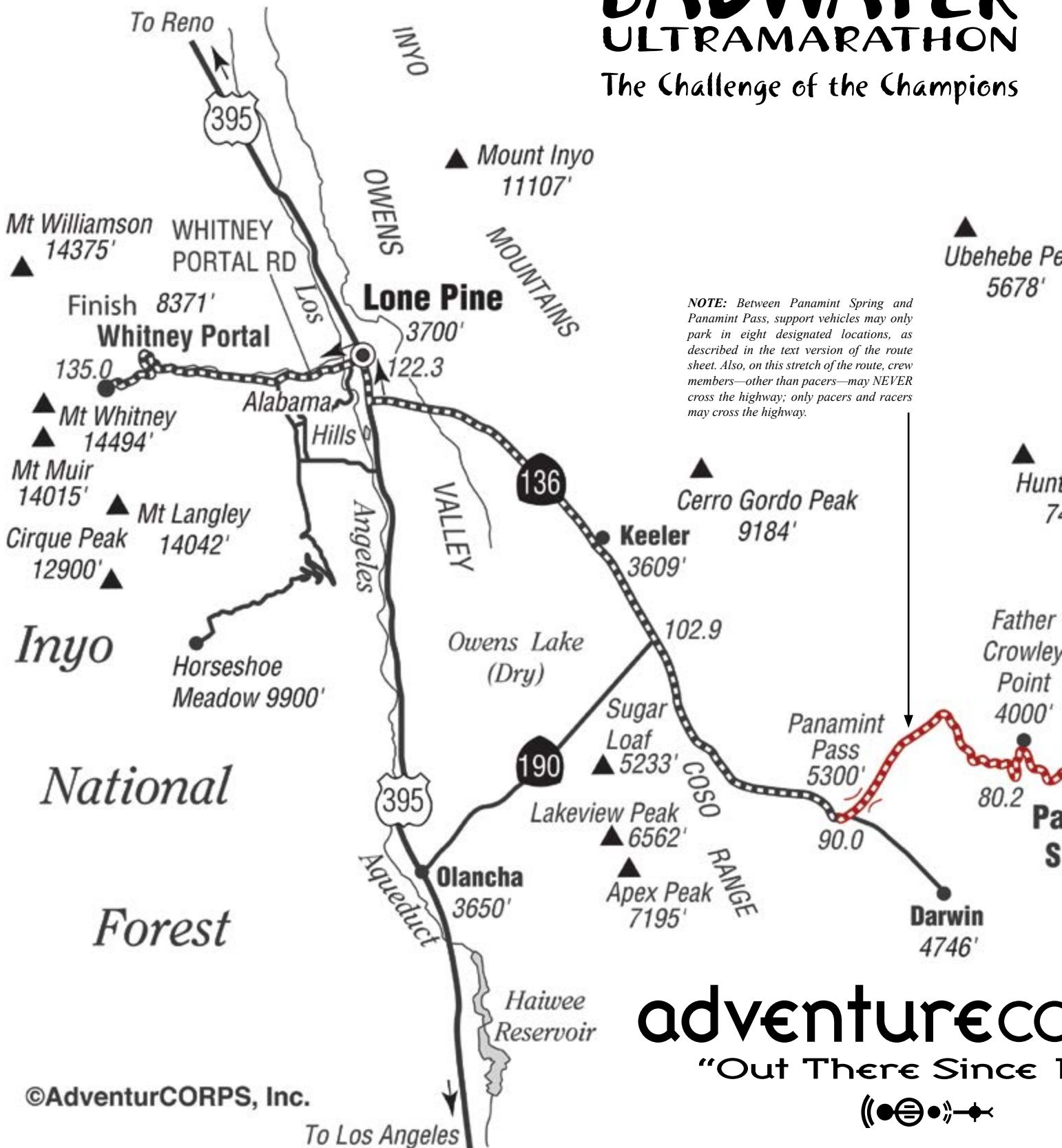


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BADWATER ULTRAMARATHON

The Challenge of the Champions



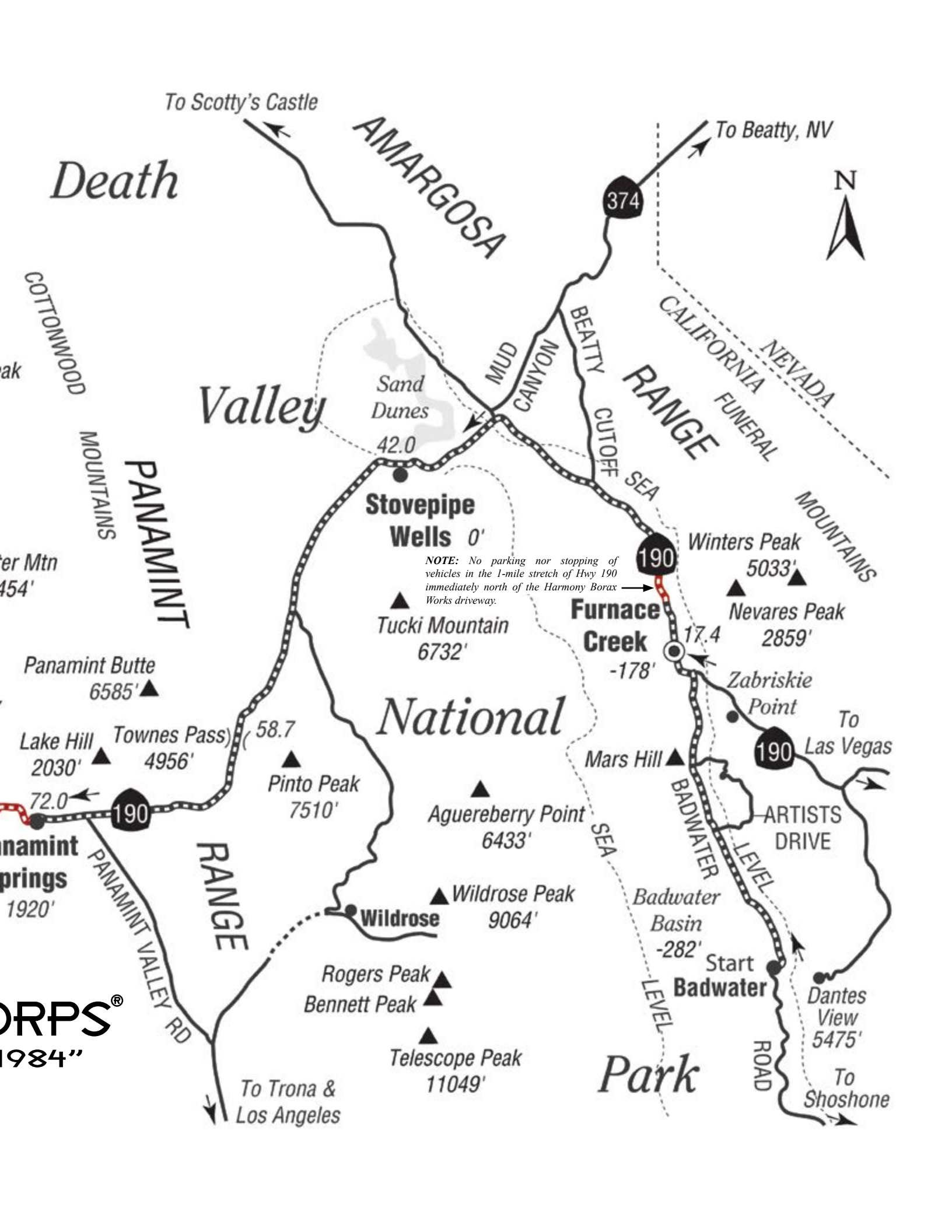
NOTE: Between Panamint Spring and Panamint Pass, support vehicles may only park in eight designated locations, as described in the text version of the route sheet. Also, on this stretch of the route, crew members—other than pacers—may NEVER cross the highway; only pacers and racers may cross the highway.

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"Out There Since 1971"





THE OFFICIAL RACE ROUTE

	LANDMARK	DIST. (MI)	ELE. (FT)	MARKER
NOTE: TL = TRAFFIC LIGHT; SS = STOP SIGN; T-INT = T-INTERSECTION; JCT. = JUNCTION				
	Badwater Basin: Head north	0	-282	
Crews will be held for 10 minutes after each wave begins, then released in small batches.				
	Former location of Telescope Peak Sign on L.	1.8	-200	
	Wide Shoulder on Right	3.1		
	Natural Bridge turnoff on R. (PACERS MAY JOIN AGE 65+ RUNNERS HERE)	3.5	-170	MM 13
	Wide Shoulder on R.	3.9		
	Devil's Golf Course on L.	5.6	-165	
	Artist's Drive entry on R.	8	-165	
	West Side Road on L.	10.6		MM 6
	Artist's Drive exit on R.	11.7	-70	
	Mushroom Rock on R.	12.1	-170	MM 5
	Golden Canyon on R. (Toilet / Parking) (45 MPH)	14.5	-165	
	Jct. Hwy 190 & Badwater Rd.: Go Left onto 190 north (Cell Service Begins)	16.5	0	
Watch Speed Limit! (Don't be like that Aussie team in 2015!)				
	Timbisha Shoshone Reservation on L.	17.2	-140	
	Furnace Creek Ranch on L.: Ice & Store close at 300am (Time Station #1)	17.5	-165	
Park in lots, not along roadway, near Time Station.				
Dumpsters available to dump garbage and recycling at Time Station.				
	Furnace Creek Fuel on L. (Please do NOT dump garbage here.)			
	Park Service Visitor's Center on L. (Run on bike path left of roadway)	17.7	-165	
	Furnace Creek Campground on L.	17.8	-170	
	Harmony Borax Works on L.: Park here and let runner go ahead (45 MPH)	18.2	-170	
	NO STOPPING, SLOWING, or PARKING NEXT 1 MILE! Drive beyond curves!	19.1	-100	
	Parking allowed beyond curvey section, where safe.	20.1		
	Cow Creek on R.	20.8		
	1st Marathon	26.2		
	Daylight Pass Rd. on R. (Cell Service Ends)	28.4		MM 99.5
	Salt Creek turnoff on L.	30.8		MM 97.5
	Sea Level sign on R.	31.5	0	
	Sea Level sign on L.	32.1	0	
	"Summit" / end of rolling hills section	33.7	140'	MM 94.5
	North Hwy / Scotty's Castle turnoff on R.	34.9		MM 93.5
	Sea Level sign on L.	35.4	0	
MINIMAL PARKING NEXT 6 MILES! SOFT SHOULDERS. Do not get stuck in sand.				
	Devil's Cornfield sign on R.	36.3	-80	MM 91.5
	Parking on R. (Space for 2-3 cars)	37.1		
	Camera Sign pullout on R. (Space for 4-5 cars only)	37.5		
	Sand Dunes Parking Lot on R. (Toilet / Parking) (35 MPH)	40.2	0	
	Approaching Stovepipe Wells (Cell Service Begins)	41	0	
	Stovepipe Wells Village Welcome sign: Gas / Food / Store opens at 300am!	42	0	
	Time Station #2 & Medical HQ on L. by hotel courtyard & flag	42.2		
(PACERS MAY JOIN RUNNERS OF ANY AGE HERE.)				
It's a long climb, and a long way, to Panamint Springs, 30 miles away!				
It is CRITICAL to stock up on water, ice, and snacks, plus real food for the crew!				
Also, take advantage of the low gas prices while you are here!				
	Mosaic Canyon turnoff on L.	42.4	5	
	1000' Elevation sign on R. (65 MPH)	46.8	1000	
	Short downhill	47.2		
	DIP Sign on R. (Do NOT park in dips as you will be invisible!)	48.5		
	2000' Elevation sign: All racers must pass this location before 1000am	50.7	2000	MM 77.5
	Wildrose Station (Bathroom; paved parking lot on R.)	51.2	2450	
Please park neatly and use designated spaces. Don't park "haphazardly."				

LANDMARK	Dist. (MI)	Ele. (FT)	MARKER
Wildrose Turnoff on L.	51.4	2500	MM 76.5
2nd Marathon	52.4	2800	MM 75.5
3000' Elevation sign on L.	53.6	3000	
4000' Elevation sign on L.	56	4000	
DIP sign on R. (Do NOT park in dips as you will be invisible!)	56.4		
Approaching the summit of Towne Pass (30 MPH)	57.25		MM 70.5
Brake Check area on R.	58.9	4965	
Towne Pass Summit sign on R.	59	4965	
"Downhill Next 9 Miles - 9% Grade" - Begin descent into Panamint Valley	59.6		
4000' Elevation sign on R. (55 MPH)	61.8	4000	
Vista Point (amazing view of Mt. Whitney!) / big gravel pullout on R.	62	3500	
Paved pullout on L.	62.5		
Gravel pullout on L.	63.7		MM 64.5
3000' Elevation sign on L.	64.1	3000	
Large Paved pullout on L.	65.3		
2000' Elevation sign on L. (65 MPH)	66.4	2000	
Panamint Dry Lake Bed, east edge; "Soft Shoulder" sign	68.4	1640	
Panamint Valley Road to Trona / Ridgecrest on L.	70.2	1750	
Panamint Springs Resort: Gas / Mini Mart / Food / Hotel (35 MPH)	72.7	1970	
Time Station #3 on L. at resort hotel			
All racers must pass TS3 before 1159pm, Tuesday night			
Free Showers and Flush Toilets across street at campground!			
Get water, ice, snacks, and more at Gas Station / Mini Mart!			
Get REAL FOOD quickly with "streamined Badwater Race Menu" at the Resort			
WARNING: Parking only allowed in designated locations for next 12.2 miles: follow odometer closely!			
2000' Elevation sign on L. (55 MPH)	73.3	2000	
Darwin Falls turnoff on L. / "Rock Slide Area" sign on R.	73.7	2500	
Parking Allowed on R. in gravel pullout with yellow left arrow (1.8 from PSR)	74.5		MM 53.5
Parking Allowed on R. in small gravel pullout on right (3.4 from PSR)	76.1		
3000' Elevation sign on L. (end parking allowed zone)	76.2	3000	
Parking Allowed on R. in large gravel shoulder on right (4.7 from PSR)	77.4		
Parking Allowed in large gravel pullout on L. before left curve (5.3 from PSR)	78		
3rd Marathon at 25 MPH sign with sharp left curve arrow	78.6	3400	MM 48.5
4000' Elevation sign on L.	80.55	4000	
Father Crowley's Point on R. (Toilet) Parking Allowed in lot (7.9 from PSR)	80.6	4000	
Please no sleeping on the ground in parking spaces!			
Parking Allowed in elevated gravel pullout via small drive on R. (8.7 from PSR)	81.4		
Parking Allowed in wide gravel pullout on R. (35 MPH) (10.5 from PSR)	83.2		MM 44.8
Summit (no sign) Parking Allowed in large gravel pullout on R. (12.2 from PSR)	84.9		
65 MPH sign on right, just beyond parking zone	85		
Support vehicles may resume parking wherever it is safe to do so from here onwards.			
Death Valley National Park sign on L. (65 MPH)	85.4	4200	
Saline Valley Rd. on R. (actual DVNP boundary)	86.4	4800	
"Adopt a Highway" sign on R.	88.6		MM 39.5
Darwin turnoff on L.: Time Station #4 on Left before turnoff	90.6	5050	MM 37.5
All racers must pass TS4 before 500am, Wednesday morning			
Gravesite on right (white cross)	96.8	4100	
"Rock Slide Area"	99.8		
One hundred miles! (3' wide gray stripe across road with culvert under road)	100	4050	MM 28*
* MM 28 is exactly at the 100-mile mark, but is on the LEFT side of the road, facing the opposite direction.			
4000' Elevation sign on R. before "Gunsite Notch" (Cell Service Begins)	102.2	4000	
Jct. Hwy 136 & Hwy 190: Go straight / north onto Hwy 136 "Lone Pine 19mi"	103.4	3935	

LANDMARK	Dist. (MI)	Ele. (FT)	MARKER
4th Marathon	104.8	3800	MM 16.5
"100 Sulfate Road" sign	106.5		
Keeler City sign at Cerro Gordo Rd. on R.	108.1	3610	
Adopt-a-Highway sign on R. after solar panel array	109.1	3605	
SOFT SHOULDERS NEXT FOUR MILES: BE CAREFUL! DO NOT GET STUCK!			
Dolomite Loop Road on R.	113.2	3600	
Dolomite Loop Road on R.	117.5	3510	
Cross Owens River: View of Whitney Portal Rd. is straight ahead!	118.3	3500	
Jct. Hwy 136 & Hwy 395: Go Right / North	121	3696	
Runners may run on right side of road into and through Lone Pine: stay well away from traffic lane.			
WARNING: SPEED LIMITS DROP TO 25mph as you pass through town!			
Comfort Inn on R. (45 MPH)	121.1		
Chevron / Lee's Frontier Deli / Mini Mart (Great sandwiches!) on L.	121.3		
Best Western on R. (35 MPH)	122		
Lone Pine City Limits sign on R. (25 MPH)	122.3		
McDonald's on L.	122.6	3610	
Dow Villa on R.: Time Station #5 & Medical HQ	122.7	3610	
All racers must pass within 42 hours of their individual wave start!			
All racers with time penalties must "check in" and serve penalty time here before continuing.			
Portal Road (the only traffic light in Lone Pine): Go left	122.8	3610	
Tuttle Creek turnoff on L.	123.3	3770	
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Los Angeles Aqueduct	123.4	3855	
Lone Pine Creek	124.5	4200	
Movie Flat Road on R.	125.5	4590	
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Lone Pine Creek	125.7	4800	
Horseshoe Meadow turnoff on L.	125.9	5000	
Cuffe Ranch turnoff on R.	127.1	5100	
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Whitney Vista Drive on L	127.4		
Olivas Ranch Road on L.	128.4	5300	
"Entering Active Bear Area"	129.2		
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Lone Pine Campground on L.	129.3	5700	
Lone Pine Creek	129.6	6000	
"Inyo National Forest" sign on R. (Sign was missing in May, 2015)	129.8	6400	
5th Marathon at Indian Creek Rd. on R.	131	7000	
Time Station #6 in Large gravel pullout on R.	131.1	6890	
Road makes a 180-degree switchback to L.	132	7215	
Vista Point on Left at large gravel pullout	132.8	7400	
"Campsites 39-44" and "Whitney Portal Recreation Area" signs	133.7	7700	
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Meysan Lakes trailhead on L.	133.9	8035	
Family Campground on L.: Support vehicles should drive ahead to park!	134	8100	
Overflow Parking Lot on L.	134.6	8200	
Finish Line of the World's Toughest Foot Race: <i>Congratulations!</i>	134.7	8360	

Mile Markers (MM) noted are on R. side of road and within 2/10 of a mile of their stated location. For reference only. Official distance is 135.0 miles. Remember all car odometers have error. Distances above were GPS-measured and are accurate in a relative sense.

© AdventureCORPS, Inc. for the exclusive use of registered Badwater 135 entrants and race staff.

Badwater Basin, Death Valley (- 85m / 280ft)

The race begins here adjacent to a pool of saltwater located at the lowest place in the Western Hemisphere.

Furnace Creek Ranch (-170'), Mile 17.5 (Time Station #1)

The first oasis in our journey. A gas station, small general store, hotel, restaurant, camping, and ice are available. Stock up here!

Stovepipe Wells (Sea Level), Mile 42.2 (Time Station #2)

A small general store, gas station, restaurant and motel. Location of the race's Medical HQ for most of first 15 hours of the race. Stock up here!

Towne Pass (4956'), Mile 58.7

17-mile long ascent with 5000' of elevation gain, then a 10-mile long descent with 3000' feet of elevation loss into the Panamint Valley. It's a steep and narrow road with limited opportunities to park. Support vehicles, crews, and runners must be cautious and extra aware of the traffic.

Panamint Springs Resort (2000'), Mile 72.7 (Time Station #3)

Gas station / mini-mart, plus restaurant and motel. We rent out "The Cottage" as a way station for any and all race entrants and crews to use during the race: Bring your own towel, soap, and shampoo and make a big effort to keep the room and bathroom tidy. After passing Panamint Springs, a long, steep climb follows on a steep and narrow road with limited opportunities to park. Support vehicles, crews, and runners must be cautious and extra aware of the traffic, and ONLY park in the eight designated parking zones between Panamint Springs Resort and unmarked "Panamint Pass" at mile 84.9.

Father Crowley's Turnout (4000'), Mile 80.65

The bathrooms and parking lot that designate this view point are not the top of this ascent, though you may hope so. The road continues to rise to 5000' over rolling hills, then eventually descends into the Owen's Valley.

Darwin Turn-Off (5050'), Mile 90.6 (Time Station #4)

Just a few miles to the south of our route is the small inhabited ghost town of Darwin, the website for which touts "NO broadcast TV; NO AM/FM radio, NO cell signal; NO stores; NO restaurants." This is where the race usually starts to get serious for all entrants. Look for Mile Marker 28 about nine miles ahead to indicate your 100-mile mark!

Keeler (3610'), Mile 108.1

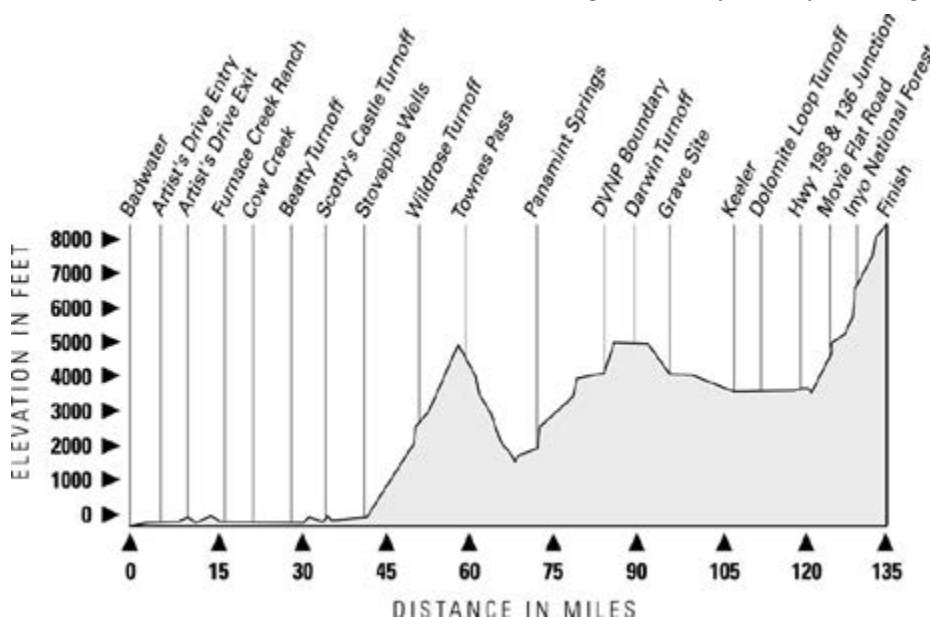
This is a small mining town with no facilities which abuts the Owens Dry Lake Bed the left of the highway. Amazing views of Mt. Whitney and the Sierra Nevada abound. A dirt road to the right ascends to Cerro Gordo, an authentic ghost town which was featured in the 2014 Badwater 135 and will be featured again in the upcoming "Badwater® Cerro Gordo" 102-mile Ultramarathon.

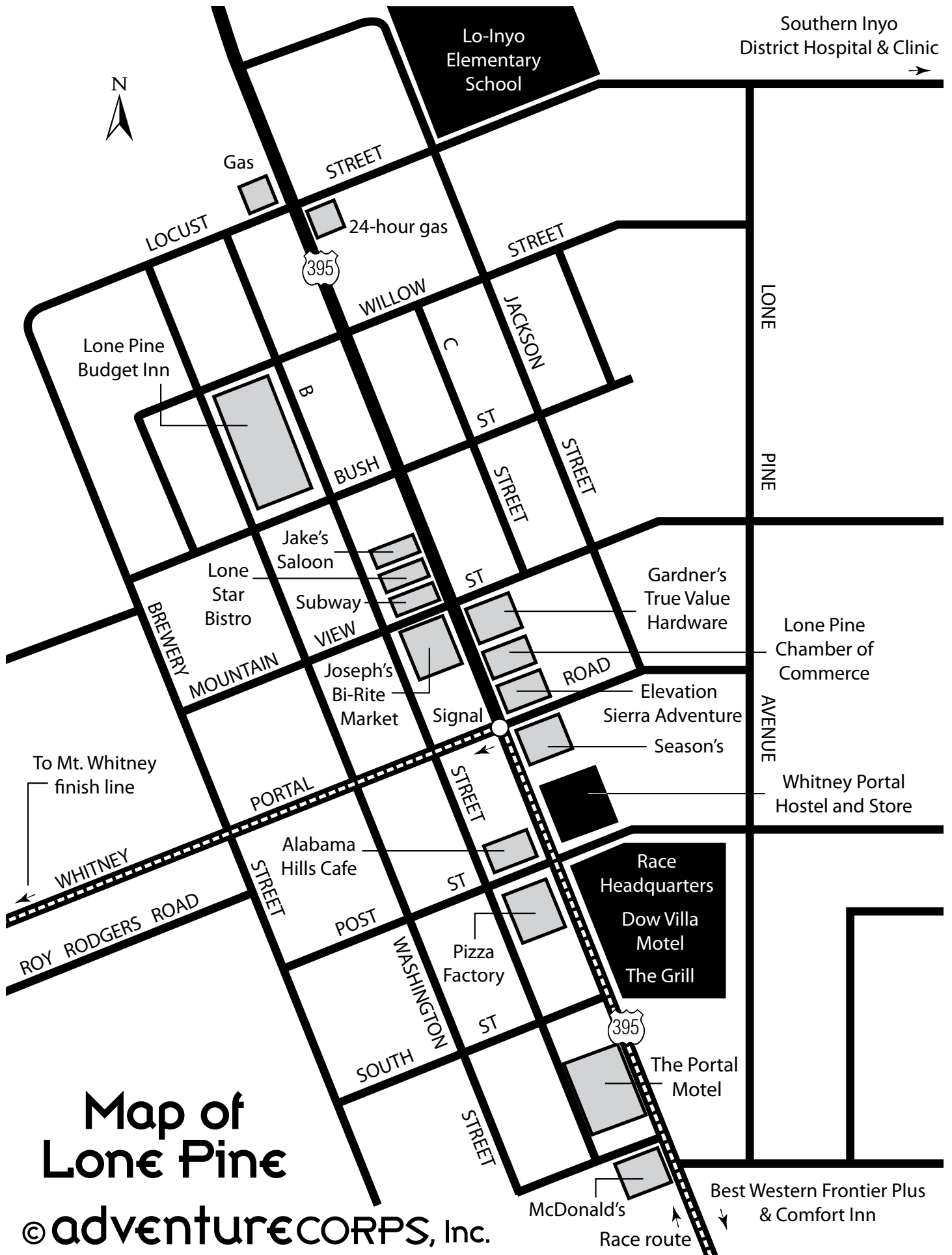
Lone Pine (3610'), Mile 122.7 (Time Station #5)

Lone Pine offers the weary runner and crew all the amenities of a real town: fast food, pizza, restaurants, motels, gas stations, grocery stores, and more, not to mention our Race Headquarters at the Dow Villa. Restock here for the climb to Whitney Portal. Turn left onto the Whitney Portal Road to begin the final leg, the longest and steepest climb of the race (13 miles with 5000 feet of elevation gain). After the turn from Hwy 395, it's 8.4 miles to Time Station #6, located at the start of the switchbacks. Temperatures will steadily decrease during the ascent (though depending on time of day). Be prepared with extra layers of clothing and rain gear the final few miles; at night it can approach freezing temperature. Be sure your support vehicle is always parked completely off of the road and that you do not block traffic, even for a moment.

Mt. Whitney Trailhead, (8360'), Mile 135

Congratulations! You have finished the world's toughest foot race! A small diner/shop are open during daylight hours. There is also a stocked fishing pond and a campground (because, of course, after running 135 miles, you really want to go fishing and camping!).





Map of Lone Pine

© adventureCORPS, Inc.

LONE PINE: QUICK REFERENCE TO THE MOST POPULAR PLACES FOR BADWATER FOLKS

Lone Pine is located at Mile 122 of the Badwater 135 race route and is an important hub of activity before, during, and after the race. Located at 3727 feet (1136m) at the foot of Mt. Whitney and with a population of just over 2000 friendly people, it is a wonderful and appealing destination year-round and particularly important to the success of the Badwater 135.

Lone Pine meets every need, from great food to comfortable hotels, plus all enjoy the Post-Race Get-Together at the school, followed later by the traditional social hour(s) at Jake’s Saloon. We hope you enjoy the town, spend lots of money there, and let everyone know how much you enjoy racing in their back yard!

Many Badwater 135 runners and crews buy race equipment and supplies at True-Value Hardware or Whitney Portal Hostel and Store, groceries at Joseph’s Bi-Rite, purchase moderately priced gas in town, and/or excellent coffee, snacks, and sandwiches at Lone Star Bistro, get an excellent meal at The Grill or enjoy fine dining at Seasons Restaurant.

During the race, many support teams will go into town to pick up coffees and more at Lone Star Bistro, pizza from The Pizza Factory, to-go food from The Grill or Lee’s Frontier Deli, or for ice, water, & groceries.

Motels / Hotels (Not a complete list! See LonePineChamber.org for more listings!)

- Best Western Frontier Hotel**
1008 S Main Street 760-876-5571
- Comfort Inn**
1920 S Main Street 760-876-8700
- Dow Villa Motel**
310 S Main St (*Race HQ*) 760-876-5521
- Portal Motel**
425 S Main St 760-876-5930
- Whitney Portal Hostel (and Store)**
238 S Main St 760-876-0030

Popular Eateries

- Lone Star Bistro** at 107 N Main St (Coffee drinks, sandwiches, pastries, ice cream, smoothies, and such, plus WiFi. Very popular with PCT hikers.)
760-876-1111 Open 6am-10pm daily
- The Grill** at 446 S Main St. (Located on the southern end of the Dow Villa parking lot. Great food and great location!)
760-876-4240 Open 6am-10pm daily

Alabama Hills Cafe at 111 W Post S
760-876-4675 Open 6am-2pm daily

Pizza Factory at 301 S Main St
760-876-4707 Open 11am-10pm daily

Season’s Restaurant at 206 S Main St
760-876-8927 Open 5pm-10pm daily

Jake’s Saloon at 119 N Main St (Many runners and crews socialize here after attending the official post-race pizza party at the Lo-Inyo Elementary School at the conclusion of the race!)

Groceries, Gas & Mini-Mart, Outdoor Outfitters, Hardware

Whitney Portal Store and Hostel at 238 S Main St
760-876-0030 Open 7am-9pm daily in July

Elevation Sierra Adventure at 150 S Main St
760-876-4560 Open 9am-630 or 7pm daily

Joseph’s Bi-Rite Market at 119 S Main St
760-876-4378 Open 8am-9pm daily

Gardner’s True Value Hardware at 104 S Main St
760-876-4208 Open 8am-6pm, Mon-Sat

L.P. Chamber of Commerce at 120 S Main St
760-876-4444 Open 830am-430pm daily

Chevron & Lee’s Frontier Deli at 1900 South Main St (This is the last business on the west side of the road on the far southern end of town. Many crews call ahead to order sandwiches as they approach town, or if making a quick run into town from the race route.)
760-876-5844 Gas 24/7; Deli closed 2-4am only

Exxon-Mobil & AM-PM at 380 North Main St
760-876-4073 Open 24 Hours a Day





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THE DANGERS OF HOT WEATHER RUNNING

DEHYDRATION, HEAT CRAMPS, HEAT EXHAUSTION, HEATSTROKE & HYPONATREMIA

By Claudio Piepenburg
(Originally published by Road Runner Sports)

2007 men's champion and record-breaker Valmir Nunes gets help with staying cool.

Running in hot weather can pose dangers to runners. Particularly dangerous is racing in hot, humid summer conditions. Here's how to protect yourself from these five serious (and potentially fatal) conditions.

Dehydration

Dehydration is not limited only to the summer months, although it's probably more likely to occur during that time. Many physicians believe that most people are in a constant state of dehydration. Since coffee, tea, soda and alcohol act as a diuretic, anyone who drinks these fluids on a daily basis, and doesn't drink at least an equal amount of water, will probably be dehydrated. If the person is physically active, the potential for dehydration is even greater.

Working out in hot, humid conditions promotes sweating, which in turn can cause dehydration. Sweating is good for you because it cools your body, but when you lose too much water you become dehydrated. If you're already slightly dehydrated, sweating will

only make it worse. It's important to maintain an adequate fluid intake all the time. Don't expect that you can make up for several days of not drinking enough by downing two cups of sports drink before your next long run or race. It's important to keep hydrated all the time. Once you start to feel thirsty, it's too late.

The average (sedentary) person needs a minimum of eight 8-ounce glasses of fluid a day. Runners need more: anywhere from four to eight quarts of fluid. That translates to at least sixteen 8-ounce glasses daily. Remember that diuretics don't count! Drink water and sports drinks, and if you don't have to worry about calories, fruit drinks or juice.

Two hours before your daily summer workout or a race, you should drink 16 ounces of fluid. Then ten minutes or so before you start to run, drink another one or two cups of water or sports drink. Drinking early and drinking often is the key. During a race you should drink six to twelve ounces of fluid every 15-20 minutes. If the weather is very hot, you may need to drink even more. Training in warm weather, you should drink at least

every 35 to 40 minutes. (Remember you will have already had two 8-ounce glasses before you started.) If you're running a race shorter than 30 minutes, you probably won't need any water other than what you drank before the start. The same goes for the last few miles of a longer race. If you're racing or training for longer than an hour, drink sports drinks as opposed to strictly water.

Start drinking immediately after finishing a run, no matter if it was a race or a workout. Minimum is 16 ounces for every 30 minutes you ran. If you tend to sweat a lot, you'll need more. Weigh yourself after you've run. Drink at least 16 ounces of fluid for every pound you lose through sweating.

By monitoring the color of your urine you can tell if you're hydrated. It should be pale yellow or even clear. If it isn't, you need to drink more fluids. It's important that you retain the fluid, so be careful it you're urinating every fifteen or twenty minutes. To restore your fluid balance, eat something salty (a bag of pretzels, salted nuts, crackers or potato chips), then drink a sports drink. The salt will make you thirstier, so you'll take in even more fluid and urine production will decrease.

Heat Cramps

Have you ever seen a runner bent over at the side of the road massaging their calves during a race? Chances are that he or she had heat cramps. Heat cramps are very painful (envision someone stabbing a knife deep into your muscles!) and rarely "work themselves out". The cramps occur because you've lost minerals through sweating and dehydration. Once you've reached the point of heat cramps, it's too late to try to replace fluids on the run. To make the cramps go away you should:

- Stop running
- Drink fluids immediately. The fluids should include sports drinks as well as water
- Massage the muscles once the pain begins to subside
- Cool your body with wet towels
- Get out of the sun

Heat Exhaustion

Heat exhaustion is a very serious condition that can lead to heatstroke. The symptoms of heat exhaustion are:

- Dizziness
- "Goose bumps" (particularly on the torso and arms)
- Nausea (sometimes accompanied by vomiting)
- Moderate to severe headache
- Weak legs
- Lack of coordination
- Rapid pulse

- Heavy sweating often accompanied by moist and cold skin
- Muscle cramping

If you experience any of these symptoms you must:

- Stop running immediately
- Get medical attention
- Drink large amounts of fluids, including sports drinks
- Get out of the sun
- Lie down and elevate your feet above your heart
- Loosen your clothing

Heatstroke

Heatstroke can be fatal. Unfortunately runners will sometimes ignore the symptoms of heat exhaustion (particularly in races longer than 10K) and will continue to push themselves until they're nearing a total thermoregulatory breakdown. The symptoms of heatstroke are very similar to those of heat exhaustion, but rapidly progress to:

- Disorientation
- Weakness in the legs to the point that the runner may fall
- Strange behavior (including flailing with the arms and shoving)
- "Fuzzy" thinking
- Rapid pulse
- Cessation of sweating and hot/dry skin
- Body temperature that may reach 104 degrees or higher
- Lack of consciousness
- Convulsions or seizures
- Coma

Someone suffering from heatstroke needs immediate medical attention. They should be moved out of the sun, cooled by either rubbing their body with ice or immersing them in cold water and given fluids intravenously.

Hyponatremia

Within the last few years the condition known as hyponatremia has begun to attract the attention of sports medicine physicians, exercise physiologists, and the medical directors at some of the larger marathons around the country. Hyponatremia has been called water intoxication because of the symptoms it produces. According to Dr. Tim Noakes, Professor of Exercise & Sports Science Director at the University of Cape Town, "...a person with hyponatremia looks like he or she is mildly drunk. They can't concentrate normally...they forget what you were talking about and start to concentrate elsewhere."

THE DANGER OF HOT WEATHER RUNNING



Noora Alidina receives fluids for inside and out during the 2007 race from her husband and daughter.

Hyponatremia occurs when the body becomes dangerously low in sodium. It's caused when you literally take in too much water. Although scientists have known about it for a long time, it has only been in the last few years as more runners have been competing in marathons that it has become a concern. According to Dr. Noakes, fluid has to be ingested at high levels for several hours for hyponatremia to occur. He suggests that a runner would have to be drinking water regularly for at least four to six hours to develop the condition. So runners taking four to six hours or more to run a marathon are at particular risk.

Unfortunately, symptoms of hyponatremia tend to mimic those of severe dehydration and/or heat exhaustion. By giving the athlete more water to drink the hyponatremia becomes worse, as more and more sodium is flushed out of the system. If a runner with hyponatremia is given fluids intravenously, they can suffer a fatal reaction. Dr. Noakes and other sports medicine professionals recommend that physicians and other medical personnel at road races be alert for the signs of hyponatremia. One of the earliest symptoms is a craving for salty food.

Although hyponatremia is rare, it's wise to be aware that it can occur, particularly if you're running a marathon in unusually hot

weather. Hyponatremia serves as a reminder that water is good, but don't forget sports drinks, which replenish your body with the sodium, potassium and other trace minerals you lose through sweat. It's worth repeating: if you're going to be running (or racing) for longer than an hour, you should be drinking a sports drink as well as water.

About the author:

Claudia Piepenburg has been running for 21 years and is the current editor for Peak Run Performance. She holds or has held state age-group records in Michigan, North Carolina, Florida, Tennessee and Virginia. In 1990, she was ranked 18th fastest masters woman in the world and 8th fastest masters woman in the U.S. in 1990 and 1991. She competed in the 1988 Olympic Marathon Trials, was 20th woman overall in the 1987 Boston Marathon and women's winner of the 1986 Virginia Beach Marathon. If you have questions or comments for Claudia, she can be reached at cpiepe@roadrunnersports.com.

MEDICAL RISKS IN THE BADWATER ULTRAMARATHON



2011 champ Oswaldo Lopez stays cool during the 2013 race.

This 135 mile race is probably the most physically taxing competitive event in the world. It also has considerable medical risks. All runners and crews must appreciate these two facts both before and during the race.

Heat illness and heat stroke are serious risks. These can cause death, renal shutdown, and brain damage. It is important that runners and crews be aware of the symptoms of impending heat illness. These include: nausea, vomiting, headache, dizziness, faintness, irritability, lassitude, weakness, and rapid heart rate. Impending heat stroke may be signaled by a decrease in sweating and goose bumps, especially over the chest.

Heat stroke may progress from minimal symptoms to complete collapse in a very short period of time. Deaths and renal shutdown (kidney failure) have been reported in other ultra-marathons. Adequate conditioning is mandatory.

Adequate fluid and electrolyte intake is the most important preventative for heat illness. Runners may well require dozens of gallons of fluid during this race. Proper pace is crucial.

The high altitude plus exertion can also produce various degrees of altitude sickness. This can lead to severe lung and brain swelling, and even death. The main treatment is rest, and especially to get to a lower altitude.

Blisters are also a problem on this course, with pavement temperatures perhaps reaching 200 degrees. Proper foot care & preparation are essential for having a successful race.

Remember, you are responsible for your well-being while participating in this race. There are no aid stations. Know where your limits are and know your body. Your acceptance of invitation to this race declares that you are aware of the risks & potential health problems.

HEAT EXHAUSTION	OR	HEAT STROKE
Faint or dizzy		Throbbing headache
Excessive sweating		No sweating
Cool, pale, clammy skin		Body temperature above 103° Red, hot, dry skin
Nausea or vomiting		Nausea or vomiting
Rapid, weak pulse		Rapid, strong pulse
Muscle cramps		May lose consciousness
<ul style="list-style-type: none"> Get to a cooler, air conditioned place Drink water if fully conscious Take a cool shower or use cold compresses 		<p>CALL 9-1-1</p> <ul style="list-style-type: none"> Take immediate action to cool the person until help arrives

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THE DANGERS OF RUNNING IN THE HEAT

By Jason Hodde, MS, ATC/L

Running in hot weather can pose many dangers to ultrarunners. Although most runners are aware of the dangers of running for prolonged distances in hot and humid weather, many are also inadequately prepared for the intense stress placed on the body during these hot weather runs.

Scott Jurek takes one of many ice baths in 2006.

In July 2002, I participated in the 25th anniversary of the Badwater Ultramarathon, a 135-mile trek from the lowest place in the continental United States (Badwater Basin), through Death Valley National Park, and to the foot of Mount Whitney, the Whitney Portals, at an altitude of 8,360 feet (2,548 meters). The run was held in the middle of one of the most severe heat waves southern California has ever seen. In preparation for the run, I made sure my crew was aware of the signs and symptoms of heat illness, as well as how to treat me should problems occur. Here are some of the dangers of ultrarunning in the heat, and preventative measures that can be taken to avoid potential problems.

The Heat Index

The heat index is the apparent temperature felt by the body due to the combined effects of actual temperature and humidity. Most people understand that as the air temperature goes up, so does the heat index, but humidity also plays a role. As the humidity rises, the body is unable to efficiently evaporate the sweat it produces. Therefore, the perceived temperature is much higher than the actual air temperature. The loss of cooling efficiency thus makes exercise extremely dangerous.

Although it is convenient to use a single number to describe the apparent temperature your body feels, keep in mind that heat and humidity affect everybody differently. Several assumptions are made to calculate the heat index measurements in the table below. Specifically, the heat index assumes the body to be:

- 5' 7" (170 cm) in height
- 147 pounds (67 kg) in weight
- Caucasian
- At 98.6° F (37° C) body temperature
- Clothed in long pants and a short-sleeved shirt
- In shade

- Walking at a speed of 3.1 mph (5 kph)
- In a breeze of 6 mph (10 kph)
- Not dripping with sweat

Relative Humidity	Air Temperature (Degrees F)										
	70	75	80	85	90	95	100	105	110	115	120
0%	64	69	73	78	83	87	91	95	99	103	107
10%	65	70	75	80	85	90	95	100	105	111	116
20%	66	72	77	82	87	93	99	105	112	120	130
30%	67	73	78	84	90	96	104	113	123	135	148
40%	68	74	79	86	93	101	110	123	137	151	
50%	69	75	81	88	96	107	120	135	150		
60%	70	76	82	90	100	114	132	149			
70%	70	77	85	93	106	124	144				
80%	71	78	86	97	113	136	157				
90%	71	79	88	102	122	150	170				
100%	72	80	91	108	133	166					

Heat Illnesses

There are three major heat illnesses—and all of them can be exacerbated by ultra distance running and prematurely end an ultrarunner's race. In all cases, the main reason that runners experience heat illness is dehydration. If you replace lost fluids and electrolytes and are able to train your body to process a high volume of fluid in a short period of time, you significantly decrease the risk of experiencing these race-ending medical emergencies.

Heat cramps: Exercising in hot weather can lead to muscle cramps, especially in the legs. This is usually caused by imbalances or deficiencies in your body's electrolyte stores. A cramp is characterized by sharp, stabbing pain in the muscle and rarely works itself out on its own. On a training run earlier this year in Death

Valley, many runners complained of cramps in their legs; I suffered from cramps in my diaphragm and had difficulty breathing for more than an hour! Cramps become less frequent with heat training, but for those of us unaccustomed to such extreme conditions, maintaining adequate hydration and electrolyte balance is critical to avoiding them. To eradicate cramps, you should stop running, drink fluids containing electrolytes, cool your body with wet towels, and immediately get out of the sun.

Heat exhaustion: Losing fluid and electrolytes through sweat leads to dizziness and weakness if the lost fluids are not replaced. Heat exhaustion is characterized by a moderate rise in body temperature, dizziness, nausea and vomiting, and a headache. You might also experience weakness, lack of coordination, heat cramps, heavier than usual sweating accompanied by moist and cold skin, and “goose bumps.” Your heart rate may rise and you won’t be able to run as fast due to fatigue. Many runners—even those who are well trained—will suffer from mild heat exhaustion after running for several hours in hot and humid conditions. If you experience the signs of heat exhaustion, stop running immediately and drink fluids containing electrolytes, cool your body with wet towels, lie down and elevate your feet a few inches above your heart, and immediately get out of the sun. Since heat exhaustion can lead to the most severe form of heat-related illness, heat stroke, seeking prompt medical attention for heat exhaustion is also highly recommended.

Heatstroke: In extreme cases heat can upset the body’s thermostat, causing body temperature to rise to 105 degrees F or higher. This is a life-threatening situation that requires immediate medical attention. While it is common for untreated heat exhaustion to rapidly progress to heatstroke, heatstroke can (and does) occur without the signs of heat exhaustion being apparent. Symptoms of heatstroke include lethargy and extreme weakness, confusion and odd or bizarre behavior, disorientation and unconsciousness. Because heatstroke is a complete failure of the body’s temperature regulation system, sweating ceases and the skin becomes hot and dry. Convulsions or seizures can occur as the brain begins to shut down. Coma and death are also possible in extreme cases. Heatstroke is a medical emergency that requires immediate medical attention. Call the emergency response system immediately! Get the runner out of the sun, remove all clothing, and immediately rub their body with ice or immerse the runner in cold water.

By staying properly hydrated and recognizing the early warning signs of heat illness, as a runner you can prevent a heat-related problem from becoming a life-threatening situation. As a volunteer, recognizing these heat-related dangers may one day help you save the life of a runner who has underestimated the intensity of the surroundings.

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May 20, 2017

RACE RULES

GENERAL RACE RULES

1. There are three starting times for the 2016 Badwater Ultramarathon (800pm, 930pm, and 1100pm on July 18, 2016), but all racers in all groups are competing in the same race. Runners must check in at the start line, ready to race, 30 minutes prior to their start time.

2. Starting Groups are assigned by the race director and are non-transferable. Split times will be collated throughout the race to maintain overall standings. There are only two divisions: men's and women's. The racer to arrive at the finish line in each division with the lowest overall time, based on their starting time, will be considered the winner.

3. The race number must be worn by the racer on the front of the body, unmodified, unfolded, and visible at all times during the race. It may not be worn on the head or hat. Bib numbers must also be worn by any pacer / crew member who is running along with his or her racer.

4. All runners MUST have passed, and be proceeding beyond, the following locations along the race route within the specified time cut-offs.

- Mile 50.5 (2000' Elevation Sign, located 8.6 miles beyond Stovepipe Wells): All runners must pass by 1000am, Tuesday morning (regardless of starting wave).

- Mile 72 (Panamint Springs Resort): All runners must pass by 1159pm, Tuesday night (regardless of starting wave).

- Mile 90 (Darwin Turn-Off): All runners must pass by 500am, Wednesday morning (regardless of starting wave).

- Lone Pine at Mile 124: Within 42 hours. Additionally, beyond the Darwin Checkpoint, if it becomes clear that a runner will not be able to finish the race officially within the 48-hour time limit, that runner may be forced to withdraw from the course and the race prior to the actual conclusion of the 48 hours.

5. Runners who fail to meet the specified time cut-offs along the course must withdraw from the race course; similarly, runners who are disqualified from the race must also withdraw from the race course. Such runners may not continue on the race course "unofficially" or after simply removing their bib number.

6. The clock does not stop for any reason until the race course officially closes 48 hours after each designated official start time. All racers must leave the course by the 48th hour beyond their start time: Finishing, or remaining on the race course with the intent to continue, is not allowed after 48 hours.

7. Running must always be single file, on the far left side of the road or off the left side of the road, facing traffic (pacers, too).

8. Racers must make their presence known at all Time Stations located along the route. Runner arrival times at Time Station will be

recorded and made public.

9. As it has since 1989, the race ends at Mt. Whitney Portal. If any entrant or crew member chooses to hike to the summit, official race logos must not be worn and the appropriate permits must be obtained from the Forest Service.

10. Racers, crew, and staff must not litter, mar, or pollute the landscape or environment.

11. All racers, crew and staff must display courtesy, good taste, decorum, and sportsmanship at all times. Nudity is specifically not allowed.

Legal and Bureaucratic Issues

1. "Badwater®" is a federally registered trademark and may not be used in any commercial or promotional manner except under license from AdventureCORPS, Inc. In particular, t-shirts (such as for crew members) may not state "Badwater" or feature any version of the race logo.

2. All applicants must be a minimum of 19 years in age when submitting an application to race.

3. All racers must follow and complete the entire application and entry process, filling out all forms and paying all necessary fees.

4. Each Runner's Support Crew shall have a designated Crew Chief and his or her name and email address must be provided at least six weeks before the race. All crew chiefs must study all race rules and information about supporting a runner and organizing and overseeing a support team, as well as study all email correspondence sent by the race organizers. Each Crew Chief is to be primarily responsible for managing the support crew, maintaining adherence to all race rules, state and local laws, and common sense, as well as overseeing the Health and Safety of all crew members and the runner at all times.

5. The names and email addresses of all support crew members must be provided at least four weeks before the race. All crew members must study all race rules and information about supporting a runner and organizing a support team, as well as study all email correspondence sent by the race organizers.

6. Each runner is strongly encouraged to bring a nurse, EMT, MD or other first responder or medical professional on his or her support team.

7. Each runner is strongly encouraged to bring at least one crew member or Crew Chief who is a veteran runner, crew member, or Crew Chief with Badwater 135 experience.

8. Each racer is strongly encouraged to carry a walkie-talkie for communicating with his or her support crew. This is particularly encouraged for the Father Crowley / Panamint Springs ascent, between Panamint Springs at Mile 72.7 and Panamint Pass at Mile

84.9. (When pacers are allowed to accompany their racer, he or she could carry the walkie-talkie instead.)

9. All racers and all crew members must sign the Accident Waiver and Release of Liability / Release of Name and Likeness. Each entrant must also bring the properly completed Check-In Form and Medical History Form to Runner Check-In.

10. All race vehicles must meet the minimum requirements of property damage and personal injury liability automobile insurance for the State of California. All vehicle drivers must be fully licensed.

11. All racers and all designated Crew Chiefs must attend Racer Check-In, while all crew members are encouraged to attend. Additionally, all racers and their designated Crew Chiefs MUST attend the Pre-Race Meeting. Those racers and/or their Crew Chiefs who do not complete the scheduled check-in and attend the Pre-Race Meeting will not be allowed to participate. No exceptions will be made.

12. All racers must be willing to submit to a drug urine test before (at any point prior to the race, after being officially confirmed for entry), during (at any time), or after the race (up to 90 days after the conclusion of the race). If any WADA banned substances are detected, the racer will be disqualified from competition, listed as **DISQUALIFIED FOR DOPING** in the final standings of the race, and banned for life from any AdventureCORPS event. Refusal to submit a urine specimen upon demand will also result in the racer being disqualified from competition, being listed as **DISQUALIFIED FOR DOPING** in the final standings of the race, and being banned for life from any AdventureCORPS event. Additionally, any Badwater 135 finisher who fails a drug test within 36 months after competing in any edition of the Badwater 135 will be retroactively disqualified from any and all previous Badwater 135 races, removed from all Badwater 135 race results, as well as banned for life from any AdventureCORPS events.

13. All entrants must bring one U.S. dollar (or more) in a sealed envelope to Racer Check-In. Please write the runner number on the envelope. This envelope will not be returned and the money will be donated to charity.

14. During Racer Check-In, all entrants must display a minimum of four satisfactory reflective vests - or 360 degree reflective belts - and eight blinking red lights - which will be worn and utilized by the runner and crew during nighttime periods of the race. Runners without satisfactory quality, or quantity, nighttime safety equipment will be required to purchase additional gear at that time, IF any such gear is available.

15. During Racer Check-In, all racers must display one OSHA Class 2 reflectivity garment for each crew member to wear during the day, and one OSHA Class 3 reflectivity garment for each crew member to wear during the night (or one OSHA Class 3 reflectivity garment for each crew member to wear 24 hours a day). See point 3 under "Support Crew & Assistance" below.

16. During Racer Check-In, all racers must show that they have at least eight personal portable toilet products such as the Biffy Bag for use on the race course wherever toilets are not available. (Zip-lock bags or dog poop bags are NOT acceptable.) Such products must be used discreetly and must be disposed of properly after use. Public and/or unsanitary defecation by racers or crew members will result in disqualification of the racer.

17. No TV, film, or video crew, person, producer, director or other broadcast media representative may accompany or cover any racer or the race itself without the specific written permission of AdventureCORPS, Inc. All film crews must sign a Non-Exclusive Licensing Agreement and, in some cases, pay a Rights Fee. Additionally, California Department of Transportation and/or the U.S. Forest Service may also require payment of a filming fee and signature of a filming agreement.

18. All racers and crew must pay the Death Valley National Park Entrance Fee for each of their support vehicle(s). Proof must be brought to Runner Check-In. Runners will not be allowed to check-in for the race without proof of paying the Park Entrance Fee.

19. PHOTO / VIDEO REGULATIONS WITHIN DEATH VALLEY NATIONAL PARK

The National Park Service regulates photography and videography that is considered commercial in nature. (The NPS had jurisdiction over the first 85 miles of the race route; the final 50 miles of the race route are outside DVNP jurisdiction. Therefore photos and videos shot over the last 50 miles of the race route – Darwin, Keeler, Lone Pine, Portal Road, and finish line – are not governed by NPS regulations.) In simple terms, this means the following:

- Photo / video for personal use, including posting to runners' and crew members' social media accounts, websites, and similar is not regulated, so long as it is conducted in a safe manner and according to the rules of the race, the motor vehicle code, and the NPS special event permitting guidelines. No permit is required for personal use.
- Photos / video which is being shot to provide to sponsors of runners to be used by the sponsors in a promotional purpose IS regulated and may require a Commercial Filming Permit. Said permits have an up-front \$210 fee and may likely also require Ranger Monitoring. Any monitoring costs would likely be fractionally shared by all those who are required to have a Commercial Filming Permit, and will be billed after the event.
- If you or your crew members will be shooting photos and/or video to provide to your sponsor(s), you likely require a Commercial Filming Permit and thus should contact Amanda Updegraff with Death Valley National Park by Monday, July 6 to inquire: amanda_updegraff@nps.gov
- All those who are required to obtain a Commercial Filming Permit must also attend the MEDIA CHECK-IN & BRIEFING from

RACE RULES

130-200pm on Monday, July 18 in the Marquez Room at the Furnace Creek Inn.

Support Crew and Assistance

1. Each racer must be accompanied by a support crew comprised of no more than one four-wheeled motor vehicle and at least two and no more than four crew members - at least two of whom are legally licensed to drive and at least one of whom can speak English - at all times. Race entrants may have no more than one support vehicle and no more than four crew members in total on the race course.

2. Each racer must have his or her own personal support crew and vehicle; crew and support vehicles may not be shared, except informally in the spirit of the event, i.e., crews may lend assistance to other racers or crews. Exceptions may be made under some circumstances for married couples or others who have a history of racing together and would like to race this event in this manner. Please inquire.)

3. New regulations for sporting events held within Death Valley National Park require that ALL support crew members (except those actively pacing their racer) wear a minimum of OSHA Class 2 (or higher) high-visibility clothing during daylight hours, and OSHA Class 3 high-visibility clothing during nighttime hours (or OSHA Class 3 high-visibility clothing 24 hours a day). These regulations may ONLY be met by wearing the special garments developed by ZZYXXXZ in collaboration with BADWATER and which can be pre-ordered until June 5 for pick-up in Furnace Creek on July 17, OR by wearing certified OSHA Class 2 (in daytime) and Class 3 (at nighttime) vests / jackets, such as those worn by highway workers. Running-type reflective vests, such as those by Nathan Sports, do NOT meet OSHA Class 2 or Class 3 requirements.

4. Racers and Pacers may dress as they choose during daylight, and must wear 360 degree reflectivity (such as runner-type vests by Nathan Sports) and front and rear blinky lights at night. Racers and Pacers are not required to wear the specific OSHA Class 2 or OSHA Class 3 garments that are required for all crew members, but that level of high-contrast reflectivity and visibility is highly recommended for racers and pacers, too.

5. In addition to the requisite reflective garments, all crew members, pacers, and racers must wear front and rear blinky lights whenever they are outside of a motor vehicle during nighttime.

6. "Unofficial" or extra crew members and "family cheering squads" may only be present in Lone Pine and at the finish line; they may not drive on the race course except between Lone Pine and the finish line and such drive must be made without stopping en route. A secondary vehicle may not be used to shuttle crew members or supplies to and from the runner and support vehicle, except within Lone Pine.

7. Beginning immediately at the start line, racers must not run abreast with other racers or with pacers, except when passing a slower racer, which must be done quickly. All running must be single-file. Additionally, pacers may not run in front of, even slightly, racers at any time.

8. Runners must progress under their own power without drafting, helping, pushing, supporting, or any other type of physical assistance. Runners may not use walking sticks, ski poles, or the like. So-called "cooling vests" or other types of artificial / technological cooling systems may not be worn or utilized by race entrants while making forward progress on the race course. Crewmembers may not carry an umbrella or shade cover for a runner while he or she is moving forward on the race course.

9. Any crew member running along with their racer is considered a pacer and must wear the pacer's designated bib number (provided at Racer Check-In). Runners may not be accompanied by more than one pacer at any given time while making forward progress on the race course. Additional crew members that are handing off supplies, or otherwise providing aid, to the runner and/or pacer must be off the roadway at all times (i.e. left of the white line on the shoulder) and may not run along with the runner. To be clear: if a runner is moving forward on the race course, NO MORE THAN ONE crew member may also be moving with, or near, the runner at the same time. Time penalties will be assessed for all infractions.

10. No more than two crew members, including a pacer if one is present, may be on the other side (racers' side) of the highway at any given time.

11. Crew members, other than pacers, may never cross the roadway during the entire Father Crowley / Panamint Pass climb (a 12.2-mile stretch from Time Station 3 at Panamint Springs Resort at Mile 72.7 to "Panamint Pass" at Mile 84.9), as described above. Also, each racer, or racer's pacer, is strongly encouraged to carry a walkie-talkie for communicating with his or her support crew during this 12.2-mile stretch of the race route. In addition to Badwater race staff, this will also be monitored by National Park Service staff who have the authority to disqualify racers.

12. Racers may not be accompanied by pacers or moving crew members until Mile 42 at the Stovepipe Wells time station. Exception: racers over the age of 65 may utilize a pacer from Mile 3.5 (Natural Bridge turn-off.)

13. Wheeled conveyances (other than a motorized support vehicle), including in-line skates, strollers, and bicycles, are prohibited on the course at all times. Likewise for hovercrafts and helicopters. Runners accompanied by any such conveyance will be disqualified.

14. Crew members may not use illegal drugs, stimulants, or dope, as well as alcohol of any kind, during the race or at any official race events or activities.

Support Vehicles

1. The California Motor Vehicle Code, and all local, county, and/or federal laws, rules, and regulations, must be respected at all times. In particular, support vehicle drivers and crews are reminded that phones must only be operated by the driver with a hands-free device; seat belts must be worn by all vehicle occupants at all times while

moving, and it is illegal to drive on a highway while displaying emergency flashers. For further information, consult the DMV Code.

2. Support vehicles may not be wider than 78" in width, not counting mirrors, fenders, or bumper which extend beyond the widest part of the actual vehicle body. Small Cars, Minivans, and SUVs are recommended. Oversize SUVs, vans, and trucks, or other types of oversize vehicles are strongly discouraged. Motorhomes, RVs, "Sports-Mobiles," Sprinter Vans, and all types of Hummers are specifically not allowed. Support vehicles may not pull trailers of any kind.

3. All support vehicles must have their headlights on while driving, 24 hours a day, except as noted in Rule 9 in this section of the rules.

4. All race vehicles must have highly visible signage on the back of the vehicle stating "CAUTION RUNNERS ON ROAD." Magnetic reusable signs may be ordered from our sign vendor, or one-time use signs will be provided by the race organizers at Racer Check-In.

5. All support vehicles must have their racer's bib number easily and clearly visible on both sides, the front, and the left rear in digits that are at least 8" (20cm) tall. The background for the racer number signs must be white and the lettering must be black, red, or blue. (STICKY racer bib numbers will be provided to ALL racers at no charge during Racer Check-In. These racer numbers must be displayed on the support vehicle.)

6. Display of the racer's name is optional, but must be at least 6" (15cm) tall if displayed, with a white background and black, blue, or red letters.

7. Sponsor / Charity names and graphics may be placed on support vehicles on the left and right sides only, not on the front or rear.

8. Vehicle windows may not be blocked or obstructed with any signage, paint, or the like. All vehicles must be inspected in Furnace Creek or Badwater, and no racer will be allowed to start the race who has any vehicle windows blocked. If a racer support vehicle is found with blocked windows during the race, that racer will be forced to stop and wait while the vehicle's windows are unblocked and signage properly mounted.

9. Vehicles must "leapfrog" the runner at all times. Each "leapfrog" must be at least two miles or more in length. Racers may not be "shadowed" (driving a vehicle at the runner's speed) and vehicles must not "caravan" (drive together, like a train, at any speed). Driving may never be at the speed of any racer. Driving must be done at the speed of traffic, never slowing down to encourage, talk to, or lend assistance to any racer while moving. All assistance must be provided by pedestrian crew members; handing off of supplies from the vehicle is never allowed, nor is slowing down to speak with or to a racer or other person while moving.

10. Vehicles must be parked completely off the road surface whenever they are stopped (with all four tires right of the white line). The doors on the left side of the vehicle must never be opened into

the roadway, even momentarily. All exiting of the vehicle by active crew members must be from the right side of the vehicle; drivers may exit from left but only if space allows for them to do so without their door opening into the roadway. Crew members must not stand on the left side of a parked vehicle (between the road and the vehicle.) Many areas of the route have very little shoulder for parking so care must be taken in choosing stopping places. When stopping/parking, vehicles may not stop on the left side of the road. All stopping/parking must be on the right side of the road, off the roadway. From 700pm to 600am each day (night) of the event, at all times while stopped or parked off the road, support vehicles must have their headlights turned off and emergency flashers turned on.

11. Support vehicles must not park across from parked vehicles on the other side of the road (50 meters in either direction), in order to avoid bottlenecking the roadway.

12. Support vehicles may not stop during the one-mile stretch which begins at Harmony Borax Works at Mile 19.1, while runners pass through the curvy "Harmony Curves" section of Hwy 190. Each support vehicle should wait at Harmony Borax Works long enough to allow the runner to cover the next, mostly uphill mile, then drive ahead (no stopping nor slowing until Mile 20.1).

13. On the Father Crowley / Panamint Pass climb (a 12.2-mile stretch from Time Station 3 at Panamint Springs Resort at Mile 72.7 to the summit at Mile 84.9), support vehicles may only stop at EIGHT designated locations along the route. These are identified in the route book and with signage along the roadway. They are located 1.8, 3.4, 4.7, 5.3, 7.9, 10.5, and 12.2 miles beyond Panamint Springs Resort. Except in a legitimate emergency situation, stopping at any other location along this stretch of roadway, even momentarily, will result in the immediate disqualification of the racer associated with the stopped crew. In addition to Badwater race staff, this will also be monitored by National Park Service staff who have the authority to disqualify racers.

Safety and Medical Issues

1. Remember, at all times and in all situations, safety is the most important issue. This means safety for racers, crew, staff, and the general public. The roads are not closed for this event and are, in fact, quite busy with tourist and local traffic.

2. I.V.s (intravenous fluids) are not permitted during the race. If a racer receives an I.V. during the race, for any reason, then that racer is disqualified and must withdraw from the race and the race course.

3. Racers are responsible for both their own and their crew's actions; crews are responsible for both their own and their racer's actions.

4. Always look and listen both ways before crossing the highways. Remember that drivers will not expect to encounter a racer or parked vehicle out on the course. Remember the event is held on public roads. Racers should not cross over the highway more than

RACE RULES

necessary; crew should cross the highway carefully to bring assistance to their racer (except on the Father Crowley climb as noted elsewhere). Time Penalties or Disqualification will be enforced with a Zero Tolerance Policy towards dangerous crossing of, or behavior on, the roadway.

5. Racers and crew members may not wear any headset covering or any earplugs in both ears, unless it is a necessary prosthetic device that aids the hard of hearing.

6. All entrants and crew must study “Medical Risks in the Badwater Ultramarathon,” “Dangers of Running in the Heat,” and “The Dangers of Hot Weather Running”.

Leaving the Course or Withdrawing

1. Every inch of the course must be traveled by each racer. In the event of a routing error, e.g., wrong turn, the racer may be driven back to the exact original spot where he/she left the course and continue running from that location. There will be no allowance made for lost time or miles run in the wrong direction.

2. If a racer needs to leave the course via motor vehicle, his/her crew must note the exact location with a numbered stake in the ground. This numbered stake must be visible from the road in both directions. The racer must then resume the race from the same place that he/she left it. The numbered stakes will be provided to all racers at Racer Check-In. Racers may only leave or otherwise drive up or down the course via motor vehicle for medical attention, NOT simply to rest. This must be reported as soon as possible to Race Headquarters or the nearest time station. Racers found in a moving motor vehicle will be disqualified unless they are en route to or from medical care. Focus must be kept on the speedy completion of the course.

3. If a racer withdraws, he/she or his/her crew must contact Race Headquarters or a Time Station immediately. Name, reason for withdrawal, time of withdrawal, and miles completed must be stated. All racers and crew who drop are encouraged - and expected - to come to the finish line and the post-race party to greet and celebrate with their fellow racers and crews.

4. All Emergency Evacuation costs for participants or crews will be borne by that person or their heirs. The race organizers are in no way liable or responsible for emergency evacuation.

Awards

1. All racers who begin the event will receive a Badwater 135 race t-shirt, hat, Race Magazine, and a goodie bag with other one-of-a-kind Badwater items and products from the race sponsors, as well as entry into the post-race pizza party (for the racer and up to four crew members). All racers who officially complete the event within 48 hours will receive a finisher’s t-shirt and commemorative Badwater 135 buckle.

Rule Enforcement and Penalties

1. Race rules are designed to provide a safe and fair experience for everyone involved and to help ensure our ability to produce the race again next year.

2. Major rule infractions by racers or their crew, especially those regarding “cheating,” will result in immediate disqualification of the racer.

3. Other, lesser offenses will result in the following cumulative time penalties:

- A WARNING may be issued, depending on the nature of the infraction, at the discretion of the race official (A “slash” will be marked on the racer’s bib number.)
- First Penalty: One Hour (“X” will be marked on the racer’s bib number.)
- Second Penalty: Disqualification

4. Time penalties are imposed by the penalized runner stopping at the final Time Station in Lone Pine to serve his/her time penalty. The race and clock will continue while the penalized racer waits out his/her penalty time. A Race Official will be present to oversee this process. Any racer who is required to serve a time penalty, but does not stop to do so, will be disqualified.

5. The Race Director has the authority, at any time, to overrule any rule or invent a new rule based on extenuating, unforeseen, and/or unusual circumstances and/or to maintain the integrity and fair play necessary for the successful completion, and continuation, of the race. The Race Director has ultimate authority in regards to all rules, their interpretation, and their enforcement. There is no “appeals committee” nor an “appeals process.” All entrants in the race, and their support crews, willingly acknowledge this fact, as well as all other race rules, by attending the race in any capacity.

6. In all cases and circumstances, it is the intent, and spirit, of the rules which will govern their implementation and enforcement.

Finally

Have fun and keep smiling! Remember, you chose to be here!



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2015 TIME SPLITS & RESULTS

Place	Bib#	First	Last	City	State	Country	StartTime	FC: 17mi	SPW: 41mi	PS: 72mi	DW: 90mi	LP: 122mi	PR: 131mi	Finish: 135mi
1	26	Pete	Kostelnick	Lincoln	Nebraska	USA	2300	2:16	5:41	10:51	14:39	20:24	22:15	23:27:10
2	3	Oswaldo	Lopez	Madera	California	USA	2300	2:23	5:49	11:03	15:04	21:34	24:00	25:28:32
3	97	Mick	Thwaites	Banyo	Australia	Australia	2300	2:17	6:08	12:15	16:29	23:01	25:13	26:23:10
4	9	Nikki	Wynd	Lysterfield	Australia	Australia	2300	2:45	6:59	13:32	17:59	23:52	26:18	27:23:27
5	5	Dave	Krupski	Jacksonville	Florida	USA	2300	2:14	6:24	13:01	17:34	24:07	27:03	28:09:19
6	54	Luigi	Dessy	Ponce	California	Puerto Rico	2130	2:45	6:33	12:50	17:13	24:26	27:17	28:24:37
7	57	Michael	Jimenez	Marina	California	USA	2300	2:43	6:44	13:06	18:12	24:53	27:46	28:51:59
8	65	Jovica	Spajic	Belgrade	Serbia	Serbia	2300	2:31	6:37	13:12	18:27	25:30	27:57	29:09:02
9	2	Grant	Maughan	Dudley	Australia	Australia	2300	2:20	7:15	14:42	19:05	26:20	28:58	30:02:37
10	56	Mark	Matyazic	Irvine	California	USA	2300	2:53	7:33	15:16	19:27	26:32	29:23	30:45:51
11	12	Jared	Fetterolf	Austin	Texas	USA	2130	2:31	6:29	12:12	16:15	23:31	29:30	30:58:17
12	44	Pam	Reed	Jackson	Wyoming	USA	2300	2:49	7:28	14:24	19:33	27:14	30:12	31:24:34
13	4	Mosi	Smith	Charlotte	North Carolina	USA	2130	2:42	7:33	15:15	21:22	28:22	31:32	32:35:15
14	16	Ed	Eitinghausen	Murrieta	California	USA	2130	2:44	6:50	13:58	19:20	28:43	31:26	32:42:17
15	83	Craig	Wheeler	Burlington	Kentucky	USA	2300	2:54	7:42	15:26	20:44	29:19	32:00	33:00:37
16	86	Byron	Roca	Lake Worth	Florida	USA	2300	2:22	6:39	14:55	20:00	28:41	31:43	33:13:32
17	14	Marcus	Bergren	Ljusdal	Sweden	Sweden	2300	2:31	7:30	14:42	20:10	28:19	31:55	33:29:53
18	11	Scott	Newton	Shell Beach	California	USA	2130	3:01	7:51	15:39	20:50	29:21	32:45	33:50:27
19	41	Ray	Sanchez	Sacramento	California	USA	2300	2:55	7:22	14:55	20:34	29:06	32:49	33:57:14
20	7	Jill	Andersen	Reno	Nevada	USA	2130	3:19	8:30	17:01	23:09	30:38	32:58	34:04:14
21	61	Camilo	Martinez	New York	New York	USA	2300	2:34	6:58	15:33	21:36	30:10	33:11	34:24:23
22	59	Otto	Lam	Wayne	New Jersey	USA	2130	2:59	8:15	16:35	22:08	31:24	33:39	34:45:33
23	75	Starshine	Blackford	Columbus	Ohio	USA	2300	3:17	8:07	16:18	22:02	31:14	33:44	34:58:24
24	35	Rodrigo Pereira	Reinaldo de Souza	Los Angeles	California	BRAZILIA	2300	2:23	6:20	13:40	20:31	30:58	33:48	35:13:41
25	36	Joshua	Holmes	Los Angeles	California	USA	2130	2:55	7:51	16:58	22:52	31:44	34:43	35:52:30
26	18	Ricarda	Bethke	Solothurn	Switzerland	Switzerland	2130	2:59	7:45	15:59	22:17	31:30	34:30	35:53:21
27	73	Thomas	Podell	Hermosa Beach	California	USA	2300	3:07	8:49	19:58	26:04	32:53	35:21	36:13:43
28	95	David	Ross	Sutton	United Kingdom	United Kingdom	2300	2:23	6:42	13:49	19:03	29:57	35:05	36:18:40
29	92	Jay	Smithberger	Yellow Springs	Ohio	USA	2300	2:29	6:23	12:37	18:19	32:36	35:15	36:19:20
30	85	Phil	Nimmo	Mansfield	Texas	USA	2130	2:51	8:08	16:41	22:36	31:14	35:08	36:20:15
31	84	Danny	Westergaard	Palos Verdes Estates	California	USA	2130	3:10	8:46	17:35	23:59	32:24	35:15	36:39:17
32	43	Hiroyuki	Nishimura	Chiba	Japan	Japan	2130	2:47	7:11	15:11	21:25	32:43	35:41	36:50:05
33	19	Lorie	Alexander	Calgary	Alberta	Canada	2000	3:41	8:56	16:46	22:46	32:13	35:38	37:00:05
34	99	Greg	Pressler	Portland	Oregon	USA	2130	3:08	8:49	17:44	23:58	33:14	36:01	37:16:59
35	98	Russ	Reinbolt	La Jolla	California	USA	2000	3:10	8:30	17:23	23:46	33:16	36:11	37:26:08
36	42	Kazuyoshi	Saito	Tokyo	Japan	Japan	2130	3:23	8:33	17:56	24:29	33:27	36:04	37:29:52
37	79	Federico	Sanchez	Saint Helena	California	USA	2130	2:48	8:31	19:08	26:35	34:44	36:48	37:45:42
38	91	Bradford	Lombardi	Croton-on-Hudson	New York	USA	2300	2:23	6:38	13:50	19:47	32:45	36:19	37:49:33
39	68	Steve	Maliszewski	Houston	Texas	USA	2130	2:39	7:22	17:01	23:35	32:59	36:17	37:57:27
40	52	Kimani	Long	Charlotte	North Carolina	USA	2000	2:58	8:31	17:16	24:18	34:05	37:02	38:20:39
41	47	Andrea	Kooiman	Mission Viejo	California	USA	2300	3:00	8:01	16:18	23:32	33:52	36:55	38:25:30
42	89	Anthony	Portera	White Plains	New York	USA	2000	3:01	8:13	17:00	23:38	34:26	37:18	38:39:16
43	100	Noora	Alidina	Clearwater	Florida	USA	2000	2:29	9:11	17:53	24:47	34:36	37:36	38:51:51
44	21	Michelle	West	Santa Monica	California	USA	2000	3:02	8:13	17:15	23:33	35:02	37:49	38:59:05
45	23	Joshua	Talley	Santa Monica	California	USA	2000	3:02	8:14	17:15	23:33	35:02	37:49	38:59:05
46	28	Prisca	Vis	Nieuw Vennepe	Netherlands	Netherlands	2000	2:59	9:50	18:56	26:06	35:03	37:47	39:10:34
47	1	Harvey Sweetland	Lewis	Cincinnati	Ohio	USA	2300	2:11	5:43	12:07	17:04	35:37	37:30	39:12:22
48	94	John	Wog	Long Beach	California	USA	2130	3:09	8:26	16:59	24:13	34:24	37:34	39:23:00

49	Dale	Cougot	Garland	Texas	USA	2130	2:39	7:45	15:59	21:57	33:50	37:38	39:23:47
50	Dan	Brenden	Phoenix	Arizona	USA	2130	3:27	9:16	18:05	24:50	34:50	38:07	39:43:24
51	Glenn	Sutton	Dunedin	New Zealand		2130	2:29	6:56	15:30	21:53	33:22	38:00	39:52:17
52	Tony	Clark	Augusta	Kansas	USA	2130	2:58	8:11	17:41	23:56	35:06	38:35	39:53:11
53	Rudolph	Geoffroy	Simandres	France		2130	2:53	7:56	16:18	24:27	36:15	38:53	39:55:30
54	Charlie	Scott	Carmel	Indiana	USA	2000	2:46	7:27	15:46	22:11	34:15	38:24	39:56:11
55	Jason	Romero	Denver	Colorado	USA	2130	3:31	8:19	15:38	22:11	33:54	38:31	39:59:59
56	Keith	Straw	Malvern	Pennsylvania	USA	2130	3:17	8:21	15:22	20:42	34:56	38:42	40:14:10
57	David	Clark	Lafayette	Colorado	USA	2130	3:41	10:40	20:20	26:36	36:16	39:04	40:26:40
58	Stacey	Shand	Lumsden	Saskatchewan	Canada	2000	3:29	8:49	18:52	25:25	36:50	39:32	40:39:21
59	Kimberlie	Budzik	Friendswood	Texas	USA	2000	3:48	9:49	19:15	26:13	36:32	39:53	41:29:09
60	Bob	Becker	Fort Lauderdale	Florida	USA	2000	3:59	10:16	20:06	26:34	37:12	40:09	41:30:21
61	James	Ehasz	Hereford	Arizona	USA	2000	3:12	8:20	17:46	25:16	36:51	40:13	41:34:41
62	Yoshiko	Jo	Swarthmore	Pennsylvania	USA	2130	3:17	8:23	17:28	24:47	36:35	40:22	41:57:10
63	Marshall	Ulrich	Evergreen	Colorado	USA	2000	4:08	10:16	20:41	27:46	37:38	40:57	42:30:50
64	Nathan	Ferraro	Norman	Oklahoma	USA	2130	3:06	8:21	17:49	25:00	37:47	41:15	42:42:23
65	Gerald	Tabios	Elmhurst	New York	USA	2000	3:18	9:18	18:59	26:16	38:00	41:37	42:52:09
66	Antonette	Prather	Garner	North Carolina	USA	2130	3:16	8:10	18:18	25:05	36:40	41:14	42:54:32
67	Joaquin	Candel	Henderson	Nevada	USA	2130	3:18	8:32	19:31	27:42	38:42	41:40	42:55:23
68	Charanjit	Dhaliwal	San Jose	California	USA	2000	3:20	9:04	19:19	27:18	37:33	41:37	43:16:05
69	Padraig	Mullins	Cambridge	Massachusetts	USA	2300	2:32	7:13	19:53	28:10	38:05	41:58	43:18:28
70	Jodi	Weiss	Highland Beach	Florida	USA	2000	3:34	9:50	20:04	27:43	38:58	42:10	43:37:51
71	Camila Maria	Matte	Leme	Brazil		2130	3:19	8:41	19:03	29:04	38:56	42:57	44:38:16
72	Karla	Kent	Las Vegas	Nevada	USA	2000	3:51	10:46	20:11	29:34	40:03	43:17	44:44:12
73	Breanna	Cornell	Florence	Alabama	USA	2130	3:10	8:57	18:17	25:17	40:01	43:22	44:58:21
74	Emily	Ryan	Washington	DC	USA	2000	3:49	10:11	21:00	30:08	40:35	43:50	45:26:46
75	Norma	Bastidas	Delta	British Columbia	Canada	2130	3:17	9:25	21:37	29:54	41:29	45:44:15	46:11:42
76	Eric	Gelber	Chappaqua	New York	USA	2000	3:26	8:58	19:22	27:37	40:16	44:21	46:32:58
77	Bonnie	Busch	Bettendorf	Iowa	USA	2000	3:48	9:39	20:46	31:06	40:25	44:42	46:37:32
78	Shannon	Farar-Griener	Hidden Hills	California	USA	2000	4:01	10:25	22:18	31:30	41:54	45:02	46:41:05
79	John	Radich	Monrovia	California	USA	2000	3:44	9:48	19:51	32:39	41:18	45:16	46:41:05
80	Valmir	Nunes	Santos	São Paulo	Brazil	2300	2:23	5:49	10:47	14:06			DNF
81	Alyson	Venti	New York	New York	USA	2300	2:37	6:41	12:44	17:45			DNF
82	Mandy	Miller	Steamboat Springs	Colorado	USA	2000	4:05	10:46	22:23	32:08			DNF
83	Kelly	Lim	Singapore	Singapore		2000	3:53	10:22	23:05	32:56			DNF
84	Vicente Juan	Garcia Beneito	alcoy - alicante	Spain		2300	2:16	5:49	11:18				DNF
85	Piotr	Kurylo	Augustow	Poland		2300	2:16	6:33	15:32				DNF
86	Amy	Costa	Jacksonville	Florida	USA	2300	2:40	7:01	19:29				DNF
87	Michelle	Barton	Laguna Niguel	California	USA	2000	3:28	10:06	20:39				DNF
88	Marialdo	Rodrigues	Caxias do Sul	Brazil		2130	3:00	8:43	21:32				DNF
89	Cheryl	Zwarkowski	Victorville	California	USA	2000	3:51	10:44	22:25				DNF
90	Chris	Frost	Malibu	California	USA	2000	4:15	10:53	22:45				DNF
91	Duke	Moseley	Sugar Land	Texas	USA	2130	3:17	8:38	23:46				DNF
92	Juan	Craveri	Buenos Aires	Argentina		2000	3:41	10:43	23:49				DNF
93	Dan	Marinsik	San Jose	California	USA	2000	4:03	10:56	23:59				DNF
94	Karsten	Solheim	Glendale	Arizona	USA	2000	4:42	11:14	27:21				DNF
95	Meredith	Dolhare	Charlotte	North Carolina	USA	2300	3:08	8:46					DNF
96	Frank	McKinney	Delray Beach	Florida	USA	2000	3:32	9:32					DNF
97	Jack	Denness MBE	Rochester	United Kingdom		2000	6:46	18:01					DNF



2015 Badwater 135 champion Pete Kostelnick, age 27 of Lincoln, NE, had run a 30:38:09 in 2014, placing 14th, but won the race outright in 2015 with a 23:27:10 finish. He broke the Men's 20-29 age group record (35:41 behind the overall men's record.)



2015 women's Badwater 135 champion Nikki Wynd, age 43 of Lysterfield, Australia ran a 29:44:33, placing third female and 10th overall in 2014, then returned to throw down a 27:23:27, placing 4th overall, in 2015. She broke the Women's 40-49 age group record (1:07:15 behind the overall women's record.)



Shannon Farar-Griener notched her sixth Badwater 135 finish in 2015 in 46:37:32 and was also inducted into the Badwater Hall of Fame in recognition of fifteen years of support for the race.



John Radich earned his first Badwater 135 finish way back in 1997, and he earned his fourteenth finish in 2015 in 46:41:05.

FINISHER DATA ANALYSIS: 1990-PRESENT

FINISHER DATA ANALYSIS: BADWATER ULTRAMARATHON, 1990-PRESENT

Year	Starters	Finishers	Buckle Cut-Off	Sub 60hr	Sub 48hr	Sub 40hr	Sub 34hr	New Men Record	New Women Record
2015	97	79	48 Hours	N/A	81%	57%	20%		
2014	97	83	48 Hours	N/A	86%	52%	23%		
2013	96	81	48 Hours	N/A	84%	39%	23%		
2012	96	89	48 Hours	N/A	93%	71%	34%		
2011	94	81	48 Hours	N/A	86%	76%	20%		
5 Year Avg	96	82.6			86%	59%	24%		
2010	80	73	48 Hours	91%	83%	51%	19%		26:16:12
2009	86	75	48 Hours	87%	77%	47%	24%		
2008	82	75	48 Hours	91%	83%	37%	10%		26:51:33
2007	84	78	48 Hours	93%	77%	47%	18%	22:51:29	
2006	85	67	48 Hours	79%	62%	24%	13%		
5 Year Avg	83.4	73.6		88%	76%	41%	17%		
2005	81	67	48 Hours	83%	56%	22%	7%	24:36:08	
2004	72	57	48 Hours	79%	58%	28%	8%		
2003	73	46	48 Hours	63%	42%	14%	5%		
2002	78	58	48 Hours	74%	47%	12%	4%		27:56:47
2001	71	55	48 Hours	77%	46%	14%	7%		
5 Year Avg	75	56.6		75%	50%	18%	6%		
2000	69	49	48 Hours	71%	41%	16%	12%	25:09:05	29:48:27
1999	42	33	48 Hours	78%	60%	26%	12%	27:49:00	36:58:00
1998	29	20	48 Hours	69%	41%	17%	10%	28:09:00	
1997	27	20	48 Hours	74%	44%	26%	3%	29:10:00	37:01:00
1996	23	14	45 Hours	61%	35%	1%	4%	33:01:00	41:13:00
5 Year Avg		27.2		71%	44%	17%	8%		
1995	24	16	45 Hours	67%	38%	13%	0%		
1994	25	16	45 Hours	64%	32%	1%	4%		
1993	12	10	60 Hours	83%	50%	25%	17%		
1992	14	13	60 Hours	92%	29%	14%	14%		
1991	14	14	60 Hours	100%	71%	36%	14%		
1990	21	17		81%	29%	29%	14%		
6 Year Avg	18	14		81%	42%	20%	11%		

AGE GROUP AND **OVERALL COURSE RECORDS

Age Group	Men	Time	Women	Time
10-19	Nickademus Hollon, 19, USA, 2009	33:21:29	NA	NA
20-29	Pete Kostelnick, 27, USA, 2015	23:27:10	Jen Lee Segger, 28, Canada, 2008	32:31:57
30-39	Oswaldo Lopez, 39, Mexico, 2011	23:41:40	Jamie Donaldson, 35, USA, 2010**	26:16:12
40-49	Valmir Nunes, 43, Brazil, 2007**	22:51:29	Nikki Wynd, 43, Australia, 2015	27:23:27
50-59	Charlie Engle, 50, USA, 2013	26:15:35	Irina Reutovich, 50, Russia, 2000	29:48:27
60-69	David Jones, 60, USA, 2012	30:33:19	Linda Quirk, 60, USA, 2013	44:00:39
70-79	Arthur Webb, 70, USA, 2012	33:45:40	NA	NA
Youngest Ever	Nickademus Hollon, 19, USA, 2009	33:21:29	Breanna Cornell, 22, USA, 2014	44:58:21
Oldest Ever	Jack Denness, 75, UK, 2010	59:13:02	Sigrid Eichner, 64, Germany, 2005	52:45:46
Oldest (Sub-48 Hrs)	Arthur Webb, 70, USA, 2012	33:45:40	Dixie A. Madsen, 63, USA, 2000	47:04:00

2016 ROSTER QUICK-REFERENCE

Bib	Wave	First	Last	Bib	Wave	First	Last
1	2300	Pete	Kostelnick	51	2000	Kimberlie	Budzik
2	2300	Oswaldo	Lopez	52	2130	Sandra	Villines
3	2300	Mick	Thwaites	53	2000	Arnold	Begay
4	2300	Nikki	Wynd	54	2000	William	Corley
5	2300	Dave	Krupski	55	2300	Luigi	Dessy
6	2000	Yoshiko	Jo	56	2300	Mark	Matyazic
7	2130	Desiree	Marek	57	2000	David	Coats
8	2000	Kerri	Kanuga	58	2300	Larry	Stephens
9	2300	Grant	Maughan	59	2130	Jeff	Gleason
10	2000	Pamela	Chapman-Markle	60	2130	Keith	Straw
11	2300	David	Jones	61	2300	Carlos	Sa
12	2300	Jared	Fetterolf	62	2000	Cristian	Sieveking
13	2130	Dale	Cougot	63	2000	Mark K.	Olson
14	2300	Marcus	Berggren	64	2000	Pablo	Segura Romero
15	2130	Alex	Ramsey	65	2000	David	Hirschfeld
16	2130	Ed	Ettinghausen	66	2130	Daniel	Jensen
17	2000	Ashley	Lindsey	67	2130	Kyle	Fahrenkamp
18	2300	Sada	Crawford	68	2000	Jim	Schroeder
19	2130	Lorie	Alexander	69	2300	Argyrios	Papathanasopoulos
20	2130	Gina	Fioroni	70	2300	Dave	Graham
21	2000	Marshall	Ulrich	71	2000	Jodi	Weiss
22	2000	Tess	Leono	72	2130	Leon Skriver	Hansen
23	2000	Dave	Cockman	73	2300	Adam	Burnett
24	2300	Sandy	Suckling	74	2130	Matthew	Reily
25	2130	Amy	Costa	76	2300	Brenda	Guajardo
26	2300	Joao	Dami	77	2000	John	Radich
27	2000	Emily	Ryan	78	2000	Joao José	Morelli Neto
28	2300	Dean	Dobberteen	79	2130	Brett	Sobieraski
29	2000	Kayla	Delk	80	2130	Carl	Hineline
30	2000	Kevin	Delk	81	2000	Gerald	Tabios
31	2300	Raphael	Bonatto	82	2130	Derek	Dowell
32	2300	Alyson	Venti	83	2300	Michele	Graglia
33	2300	Jimmy Dean	Freeman	84	2130	Danny	Westergaard
34	2130	Julius	Drelick	85	2130	Phil	Nimmo
35	2300	Harvey Sweetland	Lewis	86	2300	William	LeMieux
36	2130	Joshua	Holmes	87	2300	Dan	Lawson
37	2130	William	Gane	88	2000	Antonette	Prather
38	2000	Cory	Reese	89	2300	George	Myers
39	2130	Carla	Andre	90	2300	Sam	Weir
40	2130	Patrick	Castello	91	2130	Bradford	Lombardi
41	2300	Ray	Sanchez	92	2130	Bill	Thompson
42	2130	Claus	Rasmussen	93	2000	Brijmohan	Sharma
43	2130	Hiroyuki	Nishimura	94	2130	John	Wog
44	2130	Nobumi	Iwamoto	95	2130	Frank	Sizemore
45	2300	Will	Rivera	96	2000	Jared	Struck
46	2130	John	Corey	97	2300	Zoltán	Vajda
47	2130	Christy	Johnston	98	2000	Angel	Vega
48	2000	Francis	McKinney	99	2300	Kathy	Youngren
49	2000	Karla	Kent	100	2300	Mohamad	Ahansal
50	2000	Cheryl	Zwarkowski				

2016 OFFICIAL RACE ROSTER

8:00PM START

Bib	First Name	Last Name	City	State	Country	Nationality	Age	M/F	R/V
53	Arnold	Begay	Broken Arrow	OK	USA	USA	53	M	V
51	Kimberlie	Budzik	Friendswood	TX	USA	USA	56	F	V
10	Pamela	Chapman-Markle	SanLeon	TX	USA	USA	60	F	R
57	David	Coats	Houston	TX	USA	USA	55	M	V
23	Dave	Cockman	Cary	NC	USA	USA	58	M	R
54	William	Corley	Lake Worth	FL	USA	USA	54	M	R
29	Kayla	Delk	Greeneville	TN	USA	USA	29	F	R
30	Kevin	Delk	Greeneville	TN	USA	USA	33	M	R
65	David	Hirschfeld	Choteau	MT	USA	USA	51	M	R
6	Yoshiko	Jo	Swarthmore	PA	USA	Japan	51	F	V
8	Kerri	Kanuga	Grand Cayman		Cayman Islands	Cayman Islands	46	F	R
49	Karla	Kent	Las Vegas	NV	USA	Czech Republic	53	F	V
22	Tess	Leono	Mandaluyong City		Philippines	Philippines	48	F	R
17	Ashley	Lindsey	Soquel	CA	USA	USA	34	F	R
48	Francis	McKinney	Delray Beach	FL	USA	USA	53	M	V
78	Joao José	Morelli Neto	Campinas		Brazil	Brazil	46	M	V
63	Mark K.	Olson	Covina	CA	USA	USA	69	M	V
88	Antonette	Prather	Garner	NC	USA	USA	47	F	V
77	John	Radich	Monrovia	CA	USA	USA	62	M	V
38	Cory	Reese	Hurricane	UT	USA	USA	38	M	R
27	Emily	Ryan	Washington	DC	USA	USA	41	F	V
68	Jim	Schroeder	Indialantic	FL	USA	USA	68	M	V
64	Pablo	Segura Romero	Barcelona		Spain	Spain	51	M	R
93	Brijmohan	Sharma	Mumbai		India	India	42	M	R
62	Cristian	Sieveking	Santiago		Chile	Chile	62	M	R
96	Jared	Struck	Layton	UT	USA	USA	35	M	R
81	Gerald	Tabios	Elmhurst	NY	USA	Philippines	46	M	V
21	Marshall	Ulrich	Evergreen	CO	USA	USA	65	M	V
98	Angel	Vega	Mesa	AZ	USA	USA	43	M	R
71	Jodi	Weiss	highland beach	FL	USA	USA	46	F	V
50	Cheryl	Zwarkowski	Victorville	CA	USA	USA	58	F	V

9:30PM START

Bib	First Name	Last Name	City	State	Country	Nationality	Age	M/F	R/V
19	Lorie	Alexander	Calgary	AB	Canada	Canada	57	F	V
39	Carla	Andre	Cascais		Portugal	Portugal	39	F	R
40	Patrick	Castello	Kaneohe	HI	USA	USA	40	M	R
46	John	Corey	Cincinnati	OH	USA	USA	48	M	V
25	Amy	Costa	Jacksonville	FL	USA	USA	51	F	V
13	Dale	Cougot	Garland	TX	USA	USA	50	M	V
82	Derek	Dowell	Monroe	LA	USA	USA	33	M	R
34	Julius	Drelick	Scottsdale	AZ	USA	USA	50	M	R
16	Ed	Ettinghausen	Wildomar	CA	USA	USA	53	M	V
67	Kyle	Fahrenkamp	Cincinnati	OH	USA	USA	39	M	R
20	Gina	Fioroni	Lakewood	CO	USA	USA	39	F	R
37	William	Gane	Chicago	IL	USA	United Kingdom	40	M	R
59	Jeff	Gleason	Wexford	PA	USA	USA	58	M	V
72	Leon Skriver	Hansen	RÅ, dovre		Denmark	Denmark	44	M	R
80	Carl	Hineline	Plano	TX	USA	USA	41	M	R
36	Joshua	Holmes	Los Angeles	CA	USA	USA	38	M	V
44	Nobumi	Iwamoto	Okinawa		Japan	Japan	50	M	V
66	Daniel	Jensen	Sioux Falls	SD	USA	USA	66	M	V
47	Christy	Johnston	Destin	FL	USA	USA	47	F	R
91	Bradford	Lombardi	Death Valley	CA	USA	USA	47	M	V
7	Desiree	Marek	Tualatin	OR	USA	USA	33	F	R
85	Phil	Nimmo	Mansfield	TX	USA	USA	52	M	V
43	Hiroyuki	Nishimura	Chiba		Japan	Japan	46	M	V
15	Alex	Ramsey	Benbrook	TX	USA	USA	31	M	R
42	Claus	Rasmussen	Frederiksberg		Denmark	Denmark	42	M	R
74	Matthew	Reily	Oklahoma City	OK	USA	USA	41	M	R

RACE ROSTER

9:30PM START (Cont.)

Bib	First Name	Last Name	City	State	Country	Nationality	Age	M/F	R/V
95	Frank	Sizemore	Houston	TX	USA	USA	41	M	R
79	Brett	Sobieraski	Kent	NY	USA	USA	50	M	R
60	Keith	Straw	Malvern	PA	USA	United Kingdom	61	M	V
92	Bill	Thompson	Moon Township	PA	USA	USA	50	M	V
52	Sandra	Villines	San Jose	CA	USA	USA	43	F	R
84	Danny	Westergaard	Palos Verdes Estates	CA	USA	USA	57	M	V
94	John	Wog	Long Beach	CA	USA	USA	37	M	V

11:00PM START

Bib	First Name	Last Name	City	State	Country	Nationality	Age	M/F	R/V
100	Mohamad	Ahansal	Zagora		Morocco	Morocco	43	M	R
14	Marcus	Berggren	Ljusdal		USA	Sweden	41	M	V
31	Raphael	Bonatto	Curitiba		Brazil	Brazil	36	M	V
73	Adam	Burnett	Thornhill	ON	Canada	Canada	43	M	R
18	Sada	Crawford	Driggs	ID	USA	USA	50	F	R
26	Joao	Dami	Uberlandia		Brazil	Brazil	58	M	R
55	Luigi	Dessy	Ponce	PR	USA	USA	38	M	V
28	Dean	Dobberteen	Bonita	CA	USA	USA	41	M	R
12	Jared	Fetterolf	Dallas	TX	USA	USA	27	M	V
33	Jimmy Dean	Freeman	Los Angeles	CA	USA	USA	39	M	V
83	Michele	Graglia	Taggia		Italy	Italy	32	M	R
70	Dave	Graham	Kurraba Point, NSW		Australia	Australia	47	M	R
76	Brenda	Guajardo	Austin	TX	USA	USA	39	F	V
11	David	Jones	Murfreesboro	TN	USA	USA	64	M	V
1	Pete	Kostelnick	Lincoln	NE	USA	USA	28	M	V
5	Dave	Krupski	St. Johns	FL	USA	USA	39	M	V
87	Dan	Lawson	Brighton		United Kingdom	United Kingdom	43	M	R
86	William	LeMieux	Charleston	SC	USA	USA	29	M	R
35	Harvey Sweetland	Lewis	Cincinnati	OH	USA	USA	40	M	V
2	Oswaldo	Lopez	Madera	CA	USA	Mexico	44	M	V
56	Mark	Matyazic	Irvine	CA	USA	USA	51	M	V
9	Grant	Maughan	Dudley		Australia	Australia	52	M	V
89	George	Myers	El Dorado	KS	USA	USA	44	M	R
69	Argyrios	Papathanasopoulos	Athens		Greece	Greece	44	M	R
45	Will	Rivera	Elizabethtown	KY	USA	USA	45	M	R
61	Carlos	Sa	Barcelos		Portugal	Portugal	42	M	V
41	Ray	Sanchez	Sacramento	CA	USA	USA	49	M	V
58	Larry	Stephens	Portland	OR	USA	USA	60	M	V
24	Sandy	Suckling	Ashwood		Australia	Australia	56	F	R
3	Mick	Thwaites	Banyo		Australia	Australia	42	M	V
97	Zoltán	Vajda	Kecskemet		Hungary	Hungary	53	M	R
32	Alyson	Venti	New York	NY	USA	Barbados	34	F	V
90	Sam	Weir	Gold Coast		Australia	Australia	25	M	R
4	Nikki	Wynd	Lysterfield		Australia	Australia	44	F	V
99	Kathy	Youngren	Owens Cross Roads	AL	USA	USA	41	F	V

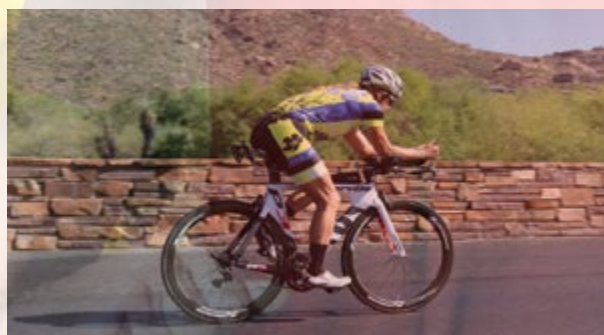
2015



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2014 BADWATER ULTRA CUP RESULTS



LORIE ALEXANDER



JEFF GLEASON



PHIL NIMMO



ANTHONY PORTERA



ERIC SPENCER



KEITH STRAW



BILL THOMPSON

First	Last	City	State	Country	Nationality	Age	M/F	Cape Fear	Salton Sea	135	Combined
Lorie	Alexander	Calgary	AB	Canada	Canada	55	F	11:08:00	22:31:03	36:32:37	70:11:40
Jeff	Gleason	Wexford	PA	USA	USA	56	M	9:49:00	19:39:00	36:21:55	65:49:55
Phil	Nimmo	Mansfield	TX	USA	USA	50	M	11:37:00	22:31:03	36:23:41	70:31:44
Anthony	Portera	White Plains	NY	USA	USA	43	M	12:03:00	24:44:00	37:09:21	73:56:21
Eric	Spencer	Miami Beach	FL	USA	USA	35	M	10:07:00	25:24:04	36:45:49	72:16:49
Keith	Straw	Malvern	PA	USA	UK	59	M	9:57:00	19:39:00	42:21:30	71:57:30
Bill	Thompson	Moon Township	PA	USA	USA	48	M	9:49:00	19:39:00	43:16:16	71:44:16

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2015 BADWATER ULTRA CUP RESULTS



JILL ANDERSEN



NORMA BASTIDAS



BOB BECKER



DALE COUGOT



PHIL NIMMO



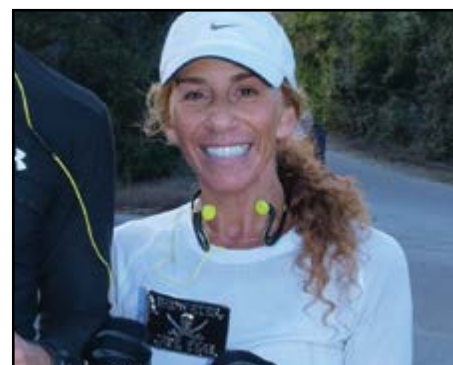
RUSS REINBOLT



EMILY RYAN



KEITH STRAW



JODI WEISS

First	Last	City	State	Country	Nationality	Age	M/F	Cape Fear	Salton Sea	BW135	Combined
Jill	Andersen	Reno	NV	USA	USA	38	F	10:00:00	24:53:54	34:04:14	68:58:08
Norma	Bastidas	Delta	BC	Canada	Canada	47	F	11:14:01	23:57:30	43:37:51	76:42:32
Bob	Becker	Ft. Lauderdale	FL	USA	USA	70	M	11:20:00	25:30:53	45:26:46	80:00:11
Dale	Cougot	Garland	TX	USA	USA	49	M	9:57:00	22:48:28	45:44:15	80:55:46
Phil	Nimmo	Mansfield	TX	USA	USA	51	M	10:15:02	21:18:20	36:20:15	67:53:37
Russ	Reinbolt	La Jolla	CA	USA	USA	50	M	8:20:00	23:31:00	37:26:08	69:17:08
Emily	Ryan	Washington	DC	USA	USA	40	F	10:48:00	23:45:25	39:23:47	72:09:15
Keith	Straw	Malvern	PA	USA	USA	60	M	8:47:02	25:30:53	40:14:10	74:32:05
Jodi	Weiss	Highland Beach	FL	USA	USA	45	F	10:27:01	22:37:40	41:30:21	78:21:14

2016 BADWATER ULTRA CUP CURRENT STANDINGS



DAVID COATS



AMY COSTA



DALE COUGOT



KAYLA DELK



KEVIN DELK



LUIGI DESSY



JARED FETTEROLF



GINA FIORONI



WILLIAM GANE



CARL HINELINE



MARK MATYAZIC



GRANT MAUGHAN



PHIL NIMMO



ANTONETTE PRATHER



KEITH STRAW



SANDRA VILLINES



CHERYL ZWARKOWSKI

First	Last	City	State	Country	Nationality	Age	M/F	Cape Fear	Salton Sea	Combined
David	Coats	Houston	TX	USA	USA	55	M	11:45:00	21:31:00	33:16:00
Amy	Costa	Jacksonville	FL	USA	USA	51	F	10:00:00	17:33:00	27:33:00
Dale	Cougot	Garland	TX	USA	USA	50	M	9:48:00	27:27:00	37:15:00
Kayla	Delk	Greeneville	TN	USA	USA	29	F	10:54:00	25:08:00	36:02:00
Kevin	Delk	Greeneville	TN	USA	USA	33	M	10:54:00	25:08:00	36:02:00
Luigi	Dessy	Ponce	PN	USA	USA	38	M	8:24:00	18:50:00	27:14:00
Jared	Fetterolf	Dallas	TX	USA	USA	27	M	7:14:00	14:56:00	22:10:00
Gina	Fioroni	Lakewood	CO	USA	USA	39	F	9:28:00	22:21:00	31:49:00
William	Gane	Chicago	IL	USA	USA	40	M	10:12:00	21:18:00	31:30:00
Carl	HineLine	Plano	TX	USA	USA	41	M	8:57:00	22:21:00	31:18:00
Mark	Matyazic	Irvine	CA	USA	USA	51	M	7:36:00	16:02:00	23:38:00
Grant	Maughan	Dudley	NWS	Australia	Australia	52	M	8:23:00	17:33:00	25:56:00
Phil	Nimmo	Mansfield	TX	USA	USA	52	M	9:48:00	18:20:00	28:08:00
Antonette	Prather	Garner	NC	USA	USA	47	F	11:53:00	23:19:00	35:12:00
Keith	Straw	Malvern	PA	USA	UK	61	M	8:21:00	23:58:00	32:19:00
Sandra	Villines	San Jose	CA	USA	USA	43	F	10:01:00	20:47:00	30:48:00
Cheryl	Zwarkowski	Victorville	CA	USA	USA	58	F	10:12:00	25:44:00	35:56:00

Run run run eat run run run...



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