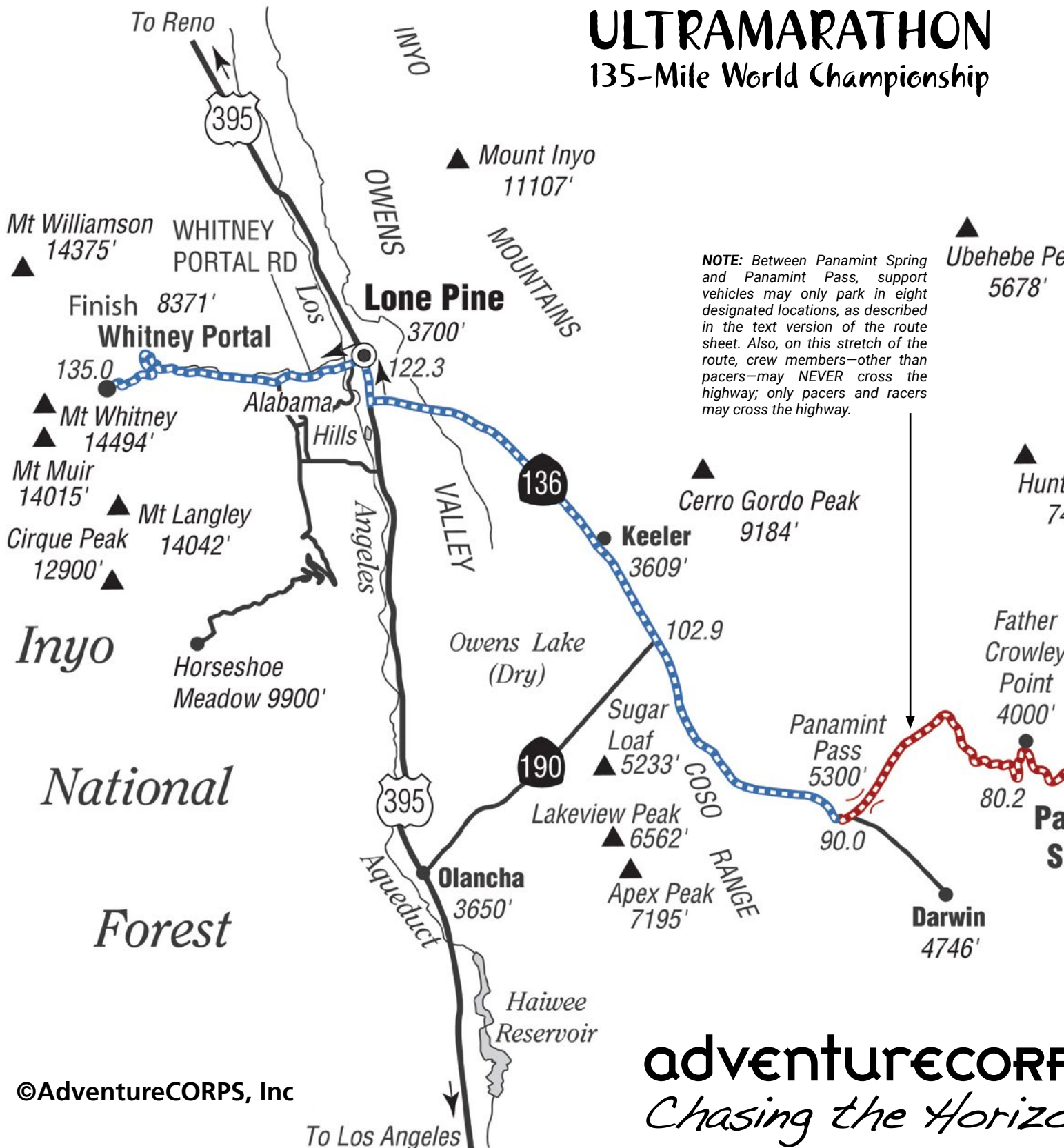


BADWATER[®]

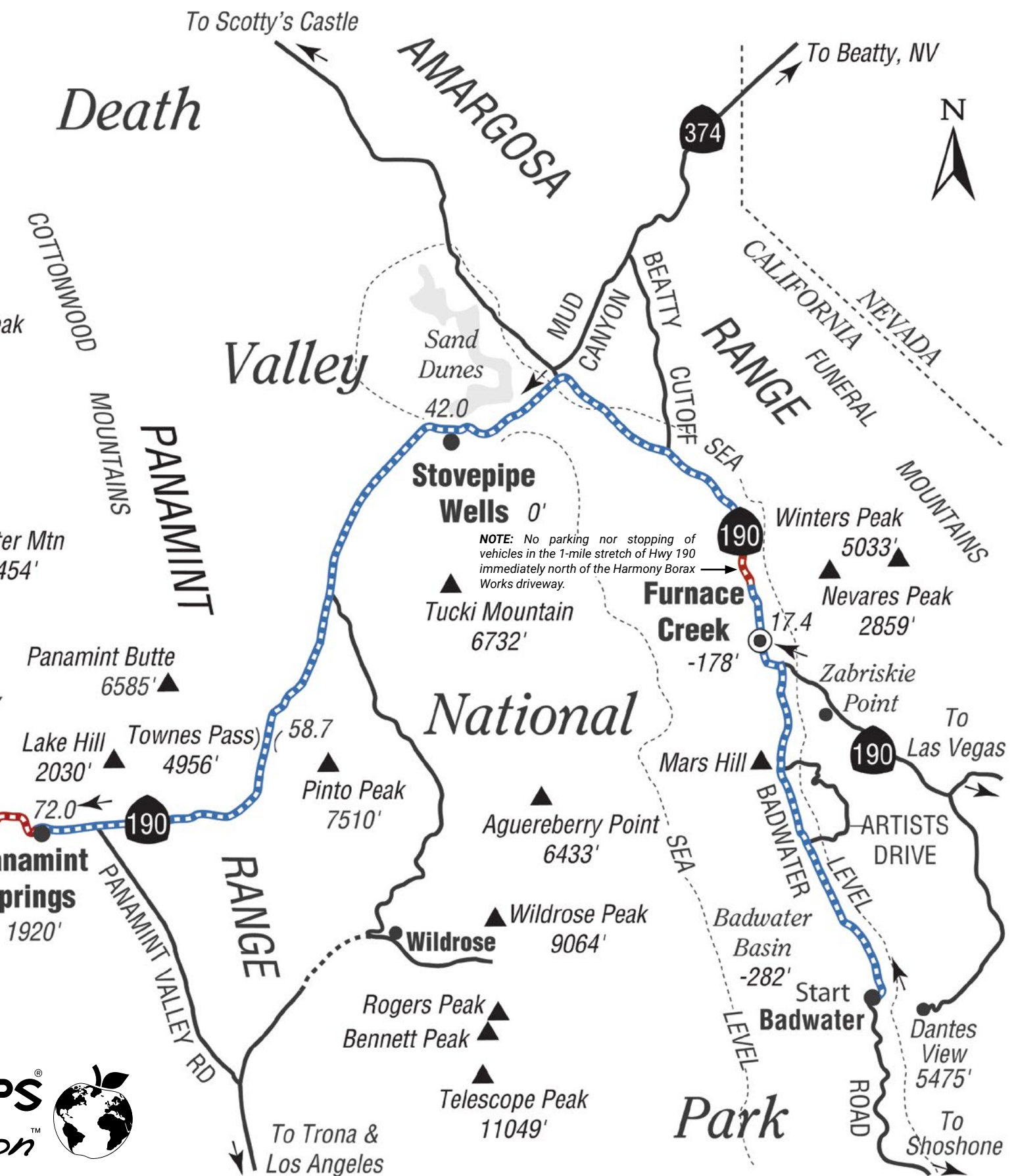
ULTRAMARATHON

135-Mile World Championship



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adventureCORPS
Chasing the Horizon



2022 Badwater 135 Official Race Route

LANDMARK	Dist. (MI)	Ele. (FT)	MARKER
<i>NOTE: TL = Traffic Light; SS = Stop Sign; T-Int = T-Intersection; Jct. = Junction</i>			
Badwater Basin: Head north (45 MPH) (TOILET)	0	-282	
Crews will be held for 5 minutes after each wave begins, then released in small batches.			
Wide Shoulder on Right: best place for first crew stop	2.6 to 3.4		
Natural Bridge turnoff on R (PACERS MAY JOIN AGE 65+ RUNNERS HERE)	3.5	-170	MM 13
Wide Shoulder on R.	3.9		
Wide Shoulder on R.	4.5		MM 12
Devil's Golf Course on L.	5.6	-165	MM 11
Wide Shoulder on R.	6.5		MM 10
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
Unmarked Road on R.	12.8		
Golden Canyon on R. (45 MPH) (TOILET)	14.5	-165	MM 2
Jct. Hwy 190 & Badwater Rd. (SS): Go Left onto 190 north (Phone Service Begins)	16.5	0	
Watch Speed Limits! (Don't be like that Aussie team in 2015!)			
Timbisha Shoshone Reservation on L. (35 MPH)	17.2	-140	
The Oasis (Furnace Creek Ranch) on L. General Store open until 300am (TOILET)	17.5	-165	
It is CRITICAL to stock up on water, ice, and snacks, plus real food for the crew!			
Park in lots, not along roadway, throughout Furnace Creek!			
Furnace Creek Fuel on L. (Time Checkpoint #1) (TOILET)	17.7		
Dumpsters available to dump garbage at Gas Station.			
Park Service Visitor's Center on L. (Please use running path on left of roadway)	17.8	-165	
Furnace Creek Campground on L.	18.2	-170	
Harmony Borax Works on L. Park here and let runner run one mile ahead (45 MPH)	19.1	-170	
NO STOPPING, SLOWING, or PARKING NEXT 1 MILE! Drive to beyond curves!	19.1 to 20.1	-100	
Parking allowed beyond curvy section, where safe.	20.1		
Cow Creek on R.	20.8		
1st Marathon	26.2		
Daylight Pass Rd. / "Beatty 30" on R.	28.4		MM 99.5
Salt Creek turnoff on L.	30.8		MM 97.5
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 on R. / "Soft Shoulders 2 Miles" sign	36.3	-80	MM 91.5
Three Small Parking Areas on R. (Space for 2 cars each)	36.9, 37, 37.1		
Devil's Cornfield Sign and paved pullout on R. (Space for 4-5 cars only)	37.5		MM 90.5
Sand Dunes Parking Lot on R. (35 MPH) (TOILET)	40.2	0	
"CAUTION EXTREME HEAD DANGER" sign on L., facing opposite direction	41.8	0	MM 86.5
Stovepipe Wells Village Welcome sign: Gas / Food / Store opens at 400am!	42	0	
Time Checkpoint #2 & Medical HQ on L. by hotel courtyard & flag. (TOILET)	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! Be ready!			
It is CRITICAL to stock up on water, ice, and snacks, plus real food for the crew!			
Also, take advantage of the relatively low gas prices while you are here!			
Mosaic Canyon turnoff on L.	42.4	5	
Mile Marker 83.5	44.7		MM 83.5
1000' Elevation sign on R. (65 MPH)	46.9	1000	
Short downhill (Phone Service ends soon along the ascent of Towne Pass)	47.3		
DIP Sign on R. (Do NOT park in dips as you will be invisible!)	47.9		

LANDMARK	Dist. (MI)	Ele. (FT)	MARKER
DIP Sign on R. (Do NOT park in dips as you will be invisible!)	48.5		
2000' Elevation sign on L.: All racers must pass this location before 1000am	50.8	2000	
Wildrose Station parking lot on R. (TOILET)	51.2	2450	
Please park neatly and use designated spaces. Do not park "haphazardly."			
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. (Nice paved pullout on R., followed by a dip in the road.)	56	4000	
Approaching the summit of Towne Pass (35 MPH)	57.4		
Brake Check parking area on R.	58.9		
Towne Pass Summit sign on R. (Time Checkpoint #3)	58.9	4956	
"Downhill Next 9 Miles - 9% Grade" - Begin descent into Panamint Valley	59.6		MM 65.5
4000' Elevation sign on R. after large paved pullout on R. (55 MPH)	61.8	4000	
Check out the amazing view of Mt. Whitney! (100km mark!)	62	3500	
Paved pullout on L. (9% downhill grade)	62.5		MM 65.5
Gravel pullout on L.	63.7		MM 64.5
3000' Elevation sign on L.	64.1	3000	
Large gravel pullout on R.	64.9		
Large paved pullout on L.	65.3		
2000' Elevation sign on L. (5% downhill grade) (65 MPH)	66.4	2000	
Panamint Dry Lake Bed, east edge; "Soft Shoulder" sign	68.5	1640	
Panamint Valley Road to Trona / Ridgecrest on L.	70.2	1750	MM 58.5
Panamint Springs Resort: Gas / Mini Mart / Food / Hotel (35 MPH) (TOILET)	72.8	1970	MM 55.5
Time Checkpoint #4 on L. at resort hotel / restaurant, NOT at gas station			
All racers must pass here before 800pm, Tuesday evening			
Free Showers and Flush Toilets here in "The Cottage" and across street at the campground!			
Get water, ice, snacks, and more (pizza, hot dogs, shakes, ice cream) at Gas Station / Mini Mart!			
Get REAL FOOD at the Panamint Grill Restaurant at the Resort!			
WARNING: Parking only allowed in designated locations for next 12.2 miles: follow odometer closely!			
Also watch for our "Badwater Parking Zone" signs.			
2000' Elevation sign on L. (55 MPH)	73.4	2000	
Darwin Falls turnoff on L. / "Rock Slide Area" sign on R.	73.8	2500	
Parking Allowed on R. in gravel pullout with yellow left arrow (1.7 from PSR) (25 MPH)	74.5		MM 53.5
Parking Allowed on R. in small gravel pullout on right (3.3 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 (4.6 from PSR) (25 MPH)	77.4 to 77.6		
Parking Allowed in large gravel pullout on L. before left curve (5.3 from PSR)	78.1		
3rd Marathon at 25 MPH sign with sharp left curve arrow	78.6	3400	MM 48.5
4000' Elevation sign on L. (25 MPH)	80.7	4000	
Father Crowley's Point on R. Parking Allowed in lot (7.9 from PSR) (TOILET)	80.75	4000	
Please no sleeping on the ground in parking spaces! (TOILET)			
Parking Allowed in elevated gravel pullout via small drive on R. (8.8 from PSR)	81.6		
Parking Allowed in wide gravel pullout on R. (10.5 from PSR) (35 MPH)	83.3		
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	85.1		
Support vehicles may resume parking wherever it is safe to do so from here onwards.			
Death Valley National Park sign on L. (65 MPH)	85.5	4200	MM 42.5
Saline Valley Rd. on R. (actual DVNP boundary)	86.5	4800	MM 41.5
"Adopt a Highway" sign on R.	88.7		MM 39.5
Darwin turnoff on L.: Time Checkpoint #5	90.7	5050	MM 37.5
All racers must pass here by 500am, Wednesday morning			
Adopt-a-Highway sign facing opposite direction	92.7		MM 35.5
Talc City Road on R.	93.5		
Gravesite on R. (white cross on elevated area)	96.9	4100	
"Rock Slide" sign on R.	99.9		
Pass through narrow area known locally as "Gunsite Notch" (Phone Service Begins soon afterwards)	100 miles!	4000	

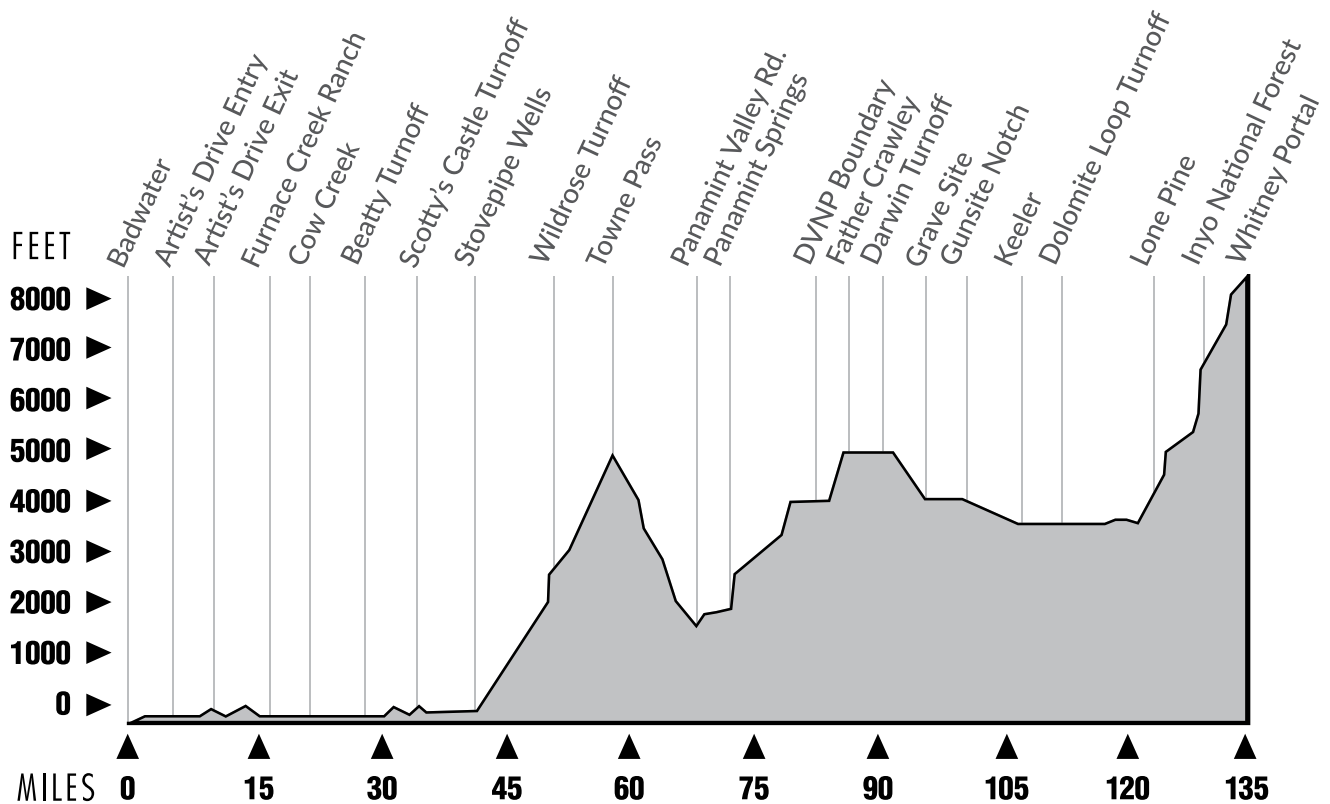
LANDMARK	Dist. (MI)	Ele. (FT)	MARKER
NOTE: TL = Traffic Light; SS = Stop Sign; T-Int = T-Intersection; Jct. = Junction			
Jct. Hwy 136 & Hwy 190: Go straight / north onto Hwy 136 "Lone Pine 19mi" sign (65 MPH)	103.5	3935	
SOFT SHOULDERS NEXT EIGHT MILES: BE CAREFUL! DO NOT GET STUCK!			
4th Marathon	104.8	3800	MM 16.5
Pass Sulfate Road on L.	106.5		
"Point of Historical Interest" sign on R. (Keeler Cemetary)	108		
Keeler sign ("Population 50 /Elevation 3645") on R.	108.1	3645	
Cerro Gordo Rd. on R.: Time Checkpoint #6	108.4		
Adopt-a-Highway sign on R. after solar panel array	109.2		
Unmarked Cross-Street	110.7		MM 10.5
Dolomite Loop Road on R.	113.3	3600	
Dolomite Loop Road on R.	117.7	3510	
Cross Owens River: View of Whitney Portal Rd. is straight ahead!	118.4	3500	
Jct. Hwy 136 & Hwy 395: Go Right / North (Visitor's Center on Left) (Stop Sign; T-intersection)	121.1	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)	121.2		
Chevron / Lee's Frontier Deli / Mini Mart (Great sandwiches!) on L. (TOILET)	121.4		
Best Western on R. (35 MPH)	122.1		
Lone Pine City Limits sign on R. (25 MPH)	122.4		
McDonald's on L. (TOILET)	122.7	3610	
Dow Villa Motel on R.: Time Checkpoint #7 & Medical HQ (TOILET)	122.8	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 / west / uphill for the final mountain ascent!	122.9	3610	
Tuttle Creek turnoff on L.	123.4	3770	
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Cross over the Los Angeles Aqueduct	123.5	3855	
"Alabama Hills Recreation Area" sign on R.	123.7		
Lone Pine Creek	124.6	4200	
Pass the "Happy Face" Rock on R. (large dirt parking area; fun photo spot)	125.1		
Movie Road on R.	125.7	4590	
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Lone Pine Creek	125.8	4800	
Horseshoe Meadow turnoff on L.	126.1	5000	
Cuffe Ranch turnoff on R. / Valley View Road on L.	127.2	5100	
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Whitney Vista Drive on L.	127.5		
Olivas Ranch Road on L.	128.5	5300	
Former location of "Entering Active Bear Area" sign (but the bears are still here!!!)	129.3		
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Lone Pine Campground on L.	129.4	5700	
"Inyo National Forest" sign on R.	129.9	6400	
5th Marathon at Indian Creek Rd. on R.	131	7000	
Time Checkpoint #8 in Large gravel pullout on R.	131.2	6890	
Road makes a 180-degree switchback to L.	132.2	7215	
Vista Point on Left at large gravel pullout	132.9	7400	
"Campsites 39-44" and "Whitney Portal Recreation Area" signs	133.8	7700	
WARNING: Park and Drive Properly! NO slow driving; NO stopping in roadway!			
Meysan Lakes trailhead on L.	134	8035	
Family Campground on L.: Support vehicles should drive ahead NOW to find parking!	134.1	8100	
Overflow Parking Lot on L. (All crew may join runner here to cross the finish line together.)	134.7	8200	
Finish Line of the World's Toughest Foot Race: Congratulations!	134.8	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.

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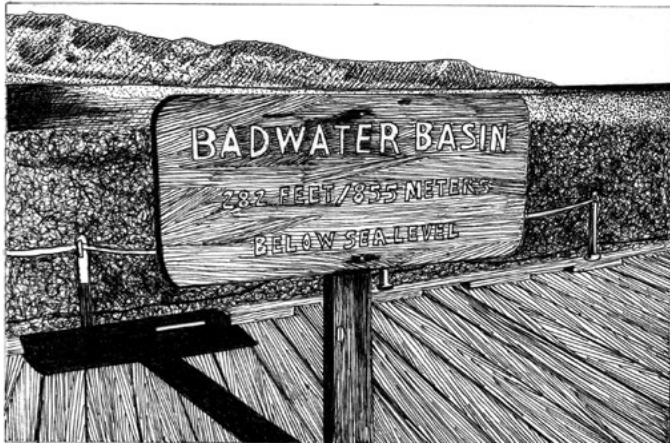
SAMPLE TIME SPLITS FROM ACTUAL BADWATER 135 FINISHERS

Sample Splits								
FC / 17	SPW / 42	PSR 72	Darw 90	LP 122	P Rd. 131	Whitney 135	Who	When?
2:55	7:22	14:55	20:34	29:06:00	32:49:00	33:57:14	Ray Sanchez	2015
2:23	6:39	12:41	17:01	29:34:00	32:46:00	34:00:10	Michele Graglia	2016
3:19	8:30	17:01	23:09	30:38:00	32:58:00	34:04:14	Jill Anderson	2015
2:36	6:40	13:40	18:57	29:01:00	32:47:00	34:10:50	Ed Ettinghausen	2016
3:31	8:19	15:38	22:11	33:54:00	38:31:00	39:59:59	Jason Romero	2015
3:17	8:21	15:22	20:42	34:56:00	38:42:00	40:14:10	Keith Straw	2015
2:46	8:08	16:58	24:04:00	34:59:00	38:50:00	40:36:11	Dale Cougot	2016
3:34	9:50	20:04	27:43:00	38:58:00	42:10:00	43:37:51	Jodi Weiss	2015
2:49	7:42	16:19	26:09:00	38:30:00	42:18:00	44:05:40	Joao Dami	2016
3:24	9:17	19:55	28:33:00	38:54:00	42:40:00	44:15:53	Derek Dowell	2016
3:32	9:22	18:40	27:48:00	38:44:00	42:52:00	44:17:16	Michelle Payne	2017
3:42	9:58	21:47	30:16:00	40:39:00	44:13:00	46:01:29	Tess Leono	2016
3:26	8:58	19:22	27:37:00	40:16:00	44:21:00	46:11:42	Eric Gelder	2015
3:53	10:41	22:33	31:57:00	42:22:00	45:12:00	46:36:43	Cheryl Zwarkowski	2016
My Splits								
FC / 17	SPW / 42	PSR 72	Darw 90	LP 122	P Rd. 131	Whitney 135	Date	



Course Description

**Badwater Basin, Death Valley (280ft / 85m below sea level),
Mile Zero (Start Line)**

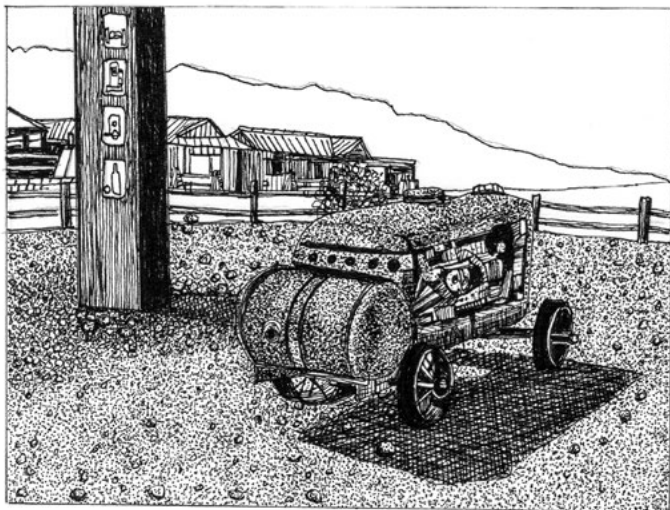


The race begins here adjacent to a pool of saltwater located at the lowest place in North America. There are toilets, but no other services.

**Furnace Creek Ranch (170' / 51m below sea level),
17.5mi / 28.2km (Time Checkpoint #1)**

The first oasis in our journey. Two hotels, gas station, general store, restaurants, camping, and ice are available. Stock up here on ice, water, food, supplies, and gas both before the race and when you pass through during the race!

Stovepipe Wells (Sea Level), 42.2mi / 68km (Time Checkpoint #2)



A general store, gas station, restaurant and motel. Location of the race's Medical HQ for most of first 15 hours of the race. It is critical that you stock up on ice, water, food, supplies, and gas when you pass through here during the race!

**Towne Pass (4956' / 1511m), 58.7mi / 94.5km
(Time Checkpoint #3)**

From Stovepipe Wells, it's 17-mile long ascent with 5000' of elevation gain to the highest point of the race course. From the summit, it's a 10-mile long descent with 3000' feet of elevation loss into the Panamint Valley. On both sides, 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' / 610m),
72.7mi / 117km (Time Checkpoint #4)**



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' / 1219m), 80.65mi / 130km

The bathrooms and parking lot that designate this viewpoint are not the top of this ascent, though you may hope so. The road continues to rise to 5000' / 1524m over rolling hills, then eventually descends into the Owen's Valley.

**Darwin Turn-Off (5050' / 1540m), 90.6mi / 146km
(Time Checkpoint #5)**

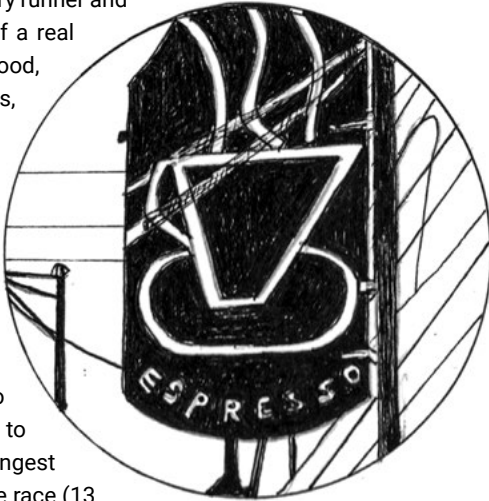
There are no services here, but just a few miles to the south of our route is the small inhabited ghost town of Darwin, the website for which touts "NO broadcast TV; NO AM/FM radio, NO cell signal; NO stores; NO restaurants." The Darwin time station is where the race usually starts to get serious for all entrants. Look for "gunsite notch" about 9.3 miles ahead to indicate your 100-mile mark! The generally flat or slightly downhill stretch ahead can be tedious and demoralizing; Mt. Whitney is visible ahead and never seems to get closer!

Keeler (3610' / 1100m), 108.1mi / 174km (Time Checkpoint #6)

This is a small mining town with no facilities which abuts the Owens Dry Lake Bed on 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 high in the mountains.

Lone Pine (3610' / 11km), 122.7mi / 197.5km (Time Checkpoint #7)

Lone Pine offers the weary runner and crew all the amenities of a real town: café fare, fast food, pizza, restaurants, motels, gas stations, a grocery store, and much more, not to mention our Race Headquarters at the Dow Villa. Restock here for the climb to Whitney Portal as there are no services after Lone Pine. Turn left onto the Whitney Portal Road to begin the final leg, the longest and steepest climb of the race (13 miles or 21km with 5000 feet or 1524m of elevation gain). Temperatures will steadily decrease during the ascent (though depending on time of day). As you ascend Mt. Whitney, be sure your support vehicle is always parked completely off of the road and that you do not block traffic, not even for a moment.



Portal Road / Base of the Switchbacks (6890' / 2100m), 131.1mi / 211km (Time Checkpoint #8)

After the turn from Hwy 395 in Lone Pine, it's 8.3 miles or 13.4km to the final Time Checkpoint, located at the start of the switchbacks. For nighttime finishers, be prepared with extra layers of clothing; at night it can approach freezing temperature. The Portal Road is steep and very narrow: please drive and park extra carefully all the way to the finish!

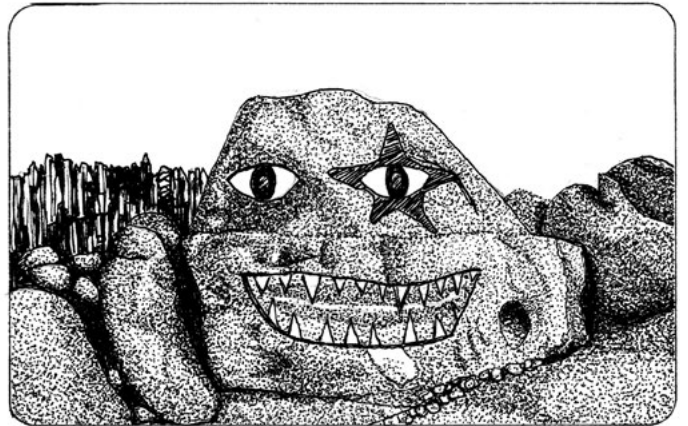


For more of Badwater athlete Rich Peer's art, follow his Instagram @RichPeersArt

Mt. Whitney Trailhead, (8360' / 2548m), 135mi / 217km

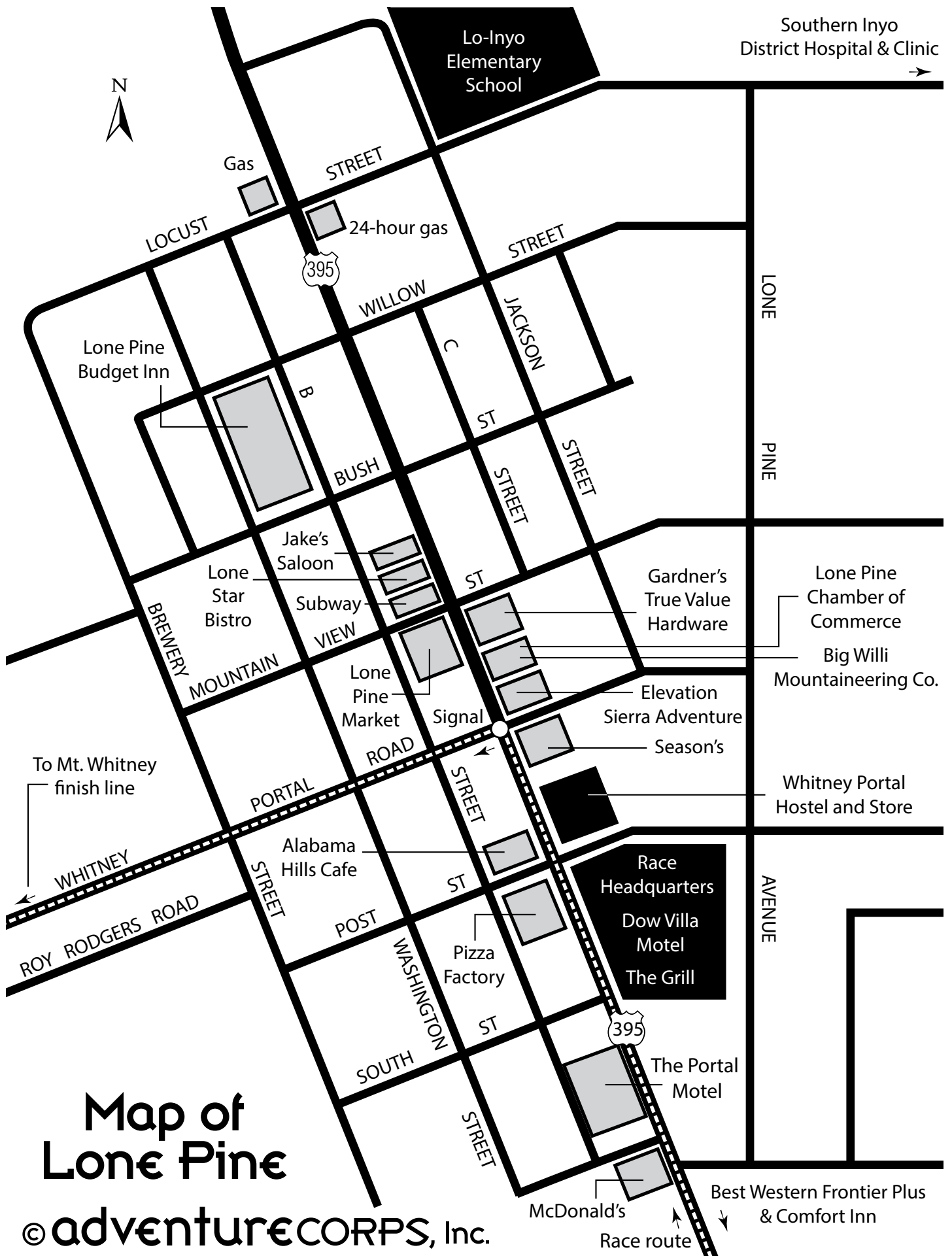


Congratulations! You have finished The World's Toughest Foot Race! A small burger shack / shop are open during daylight hours. There is also a stocked fishing pond and a campground (because, of course, after running 135 miles, you really want to go fishing and camping!).



TOILET LOCATIONS ALONG THE ROUTE

- 14.5 Golden Canyon (top end of parking lot; right side of road)
- 17.6 Furnace Creek Gas Station (left side of road)
- 40.2 Sand Dunes Parking lot (right side of road)
- 42.2 Stovepipe Wells Gas Station (right side of road, and at the hotel on the left)
- 51.2 Wildrose Station (parking lot on Towne Pass; right side of road)
- 72.7 Panamint Springs Resort (left side of road)
- 80.6 Father Crowley's Point (right side of road)
- 121-122.8 Various locations along Hwy 395 in Lone Pine (restaurants and hotels)
- 135 Mt. Whitney Portal / Finish Line



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 Lone Pine Market, 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 7am-5pm 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 7am-9pm 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

Lone Pine 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

Big Willi Mountaineering Co. at 120 S Main St.

760-878-8325

Open 800am-400pm Thu-Mon

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

