

COURSE DESCRIPTION AND ELEVATION PROFILE

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

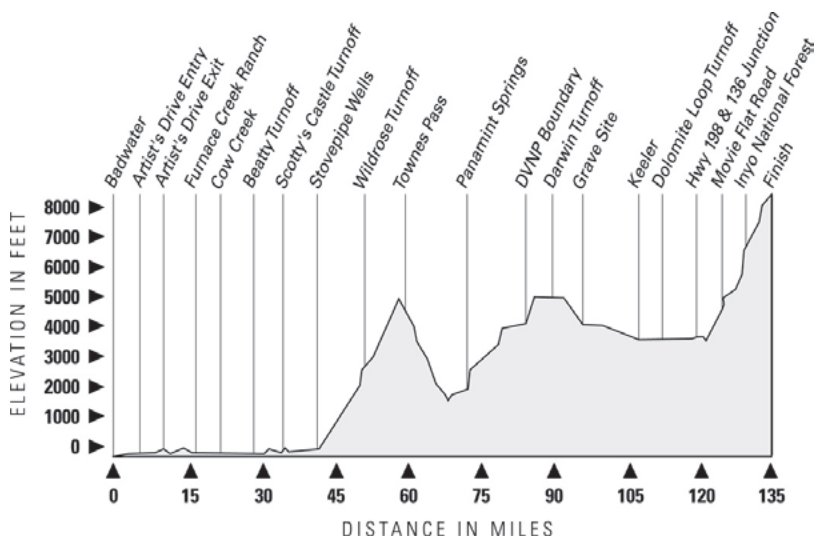
This is a small mining town with no facilities which abuts the Owens Dry Lake Bed the left of the highway. Amazing views of Mt. Whitney and the Sierra Nevada abound. A dirt road to the right ascends to Cerro Gordo, an authentic ghost town which was featured in the 2014 Badwater 135 and will be featured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

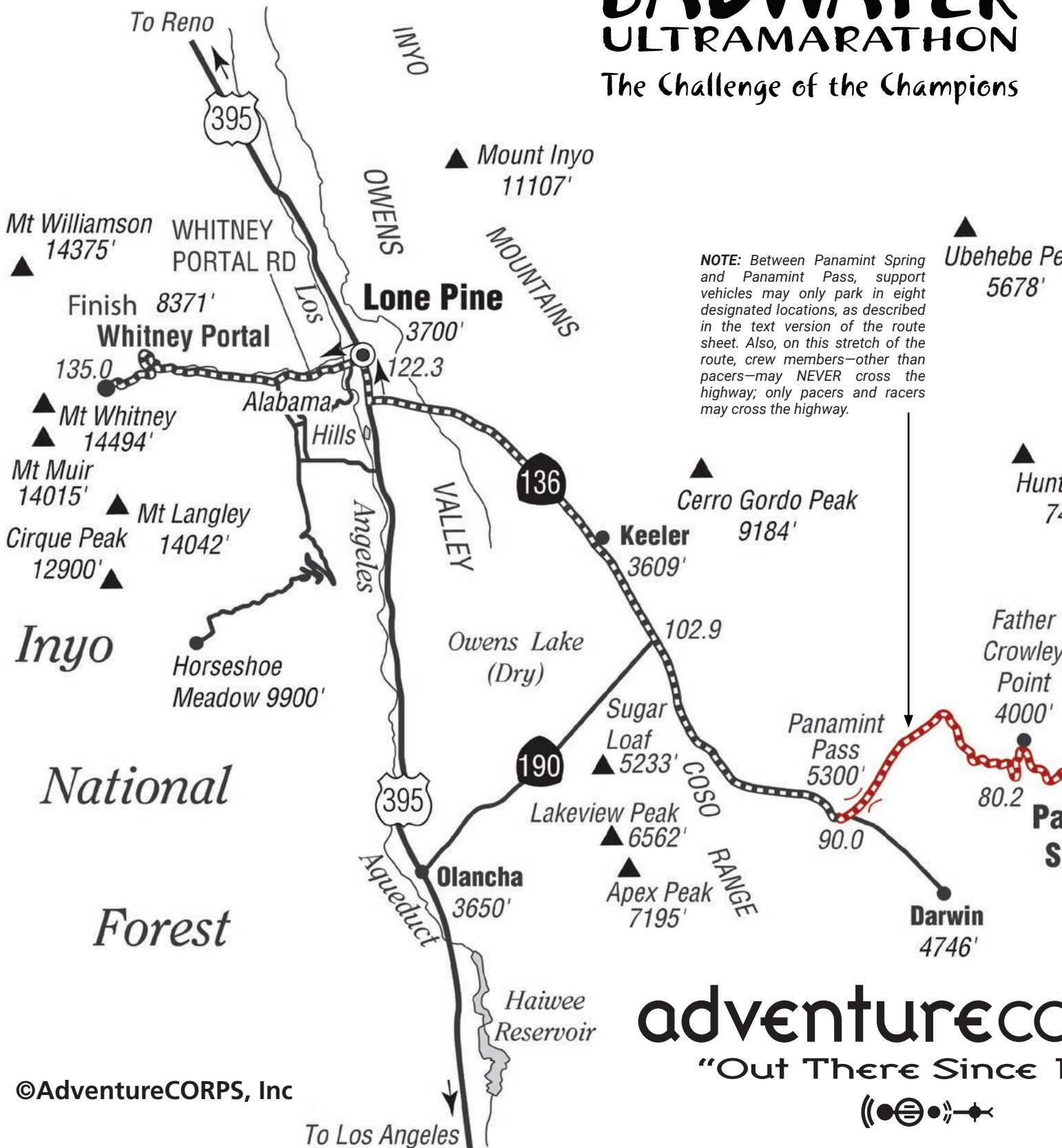


TOILET LOCATIONS ALONG THE ROUTE

- 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)
- 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 location along Hwy 395 in Lone Pine (restaurants and hotels)
- 135 Mt. Whitney Portal / Finish Line

BADWATER ULTRAMARATHON

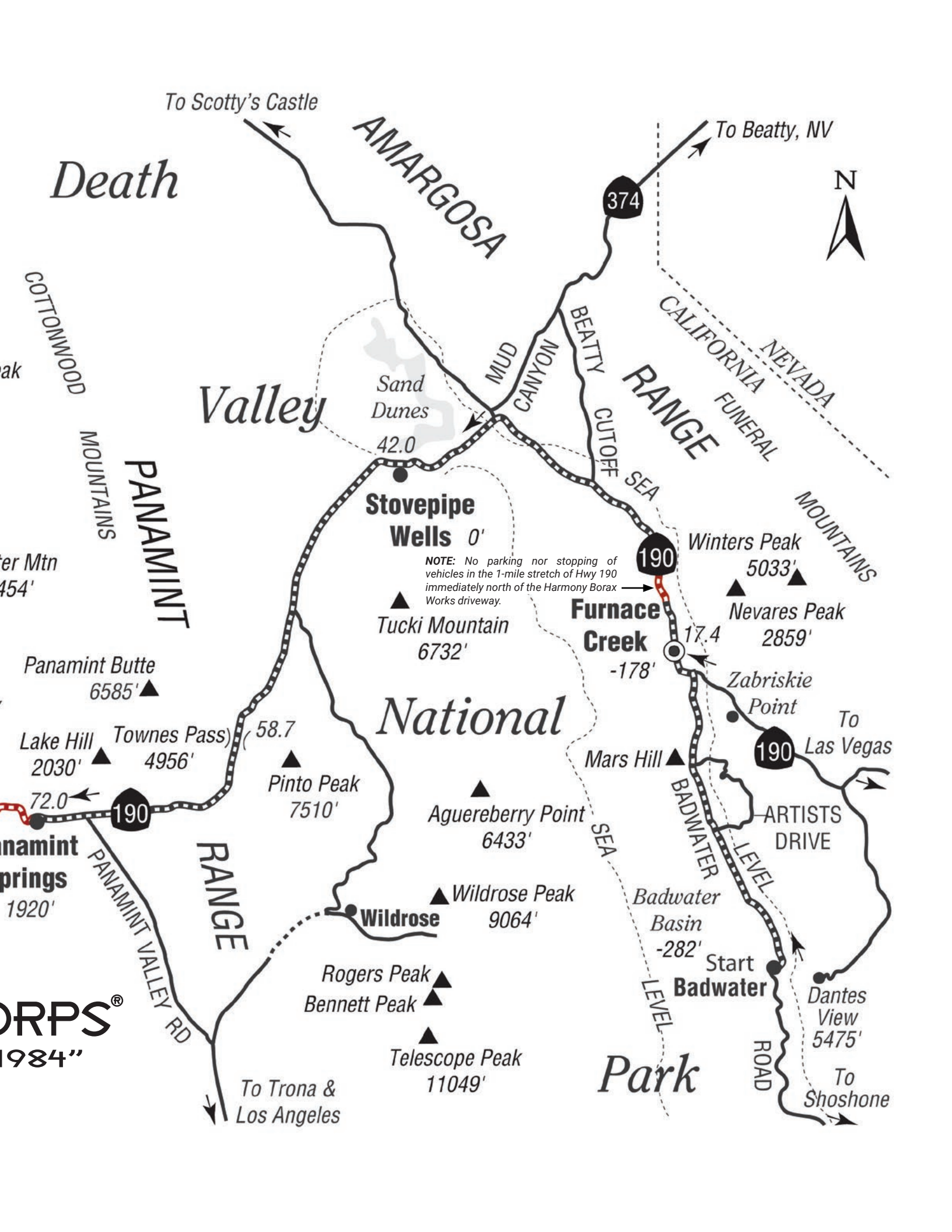
The Challenge of the Champions



adventureco

"Out There Since 1961"





Official Race Routes

	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	0	-282	
	<i>Crews will be held for 10 minutes after each wave begins, then released in small batches.</i>			
	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. (45 MPH) (TOILET)	14.5	-165	
	Jct. Hwy 190 & Badwater Rd. (SS): Go Left onto 190 north (Cell Service Begins)	16.5	0	
	<i>Watch Speed Limit! (Don't be like that Aussie team in 2015!)</i>			
	Timbisha Shoshone Reservation on L.	17.2	-140	
	The Oasis (Furnace Creek Ranch) on L.: General Store open until 300am (TOILET)	17.5	-165	
	<i>Park in lots, not along roadway, throughout Furnace Creek!</i>			
	Furnace Creek Fuel on L. (Time Station #1 located here.) (TOILET)	17.6		
	<i>Dumpsters available to dump garbage and recycling at Gas Station.</i>			
	Park Service Visitor's Center on L. (Please use running path on left of roadway)	17.7	-165	
	Furnace Creek Campground on L.	17.8	-170	
	Harmony Borax Works on L.: <i>Park here and let runner go ahead</i> (45 MPH)	18.2	-170	
	NO STOPPING, SLOWING, or PARKING NEXT 1 MILE! Drive to beyond curves!	19.1	-100	
	<i>Parking allowed beyond curvy section, where safe.</i>	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
	Small Parking Area on R. (Space for 2-3 cars only)	37.1		
	Camera Sign pullout on R. (Space for 4-5 cars only)	37.5		
	Sand Dunes Parking Lot on R. (35 MPH) (TOILET)	40.2	0	
	Approaching Stovepipe Wells (Cell Service Begins)	41	0	
	Stovepipe Wells Village Welcome sign: Gas / Food / Store opens at 400am!	42	0	
	Time Station #2 & Medical HQ on L. by hotel courtyard & flag. (TOILET)	42.2		
	(PACERS MAY JOIN RUNNERS OF ANY AGE HERE.)			
	<i>It's a long climb, and a long way, to Panamint Springs, 30 miles away! Be ready!</i>			
	<i>It is CRITICAL to stock up on water, ice, and snacks, plus real food for the crew!</i>			
	<i>Also, take advantage of the low gas prices while you are here!</i>			
	Mosaic Canyon turnoff on L.	42.4	5	
	1000' Elevation sign on R. (65 MPH)	46.8	1000	
	Short downhill (Cell Service ends along the ascent of Towne Pass)	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 parking lot on R. (TOILET)	51.2	2450	
	<i>Please park neatly and use designated spaces. Don't park "haphazardly."</i>			

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 parking 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). (TOILET)	72.7	1970	
Time Station #3 on L. at resort hotel, NOT at gas station			
All racers must pass TS3 before 800pm, 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 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)	73.3	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! (TOILET)			
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! (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	

LANDMARK	Dist. (MI)	Ele. (FT)	MARKER
Jct. Hwy 136 & Hwy 190: Go straight / north onto Hwy 136 "Lone Pine 19mi"	103.4	3935	
SOFT SHOULDERS NEXT EIGHT MILES: BE CAREFUL! DO NOT GET STUCK!			
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	
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. (TOILET)	121.3		
Best Western on R. (35 MPH)	122		
Lone Pine City Limits sign on R. (25 MPH)	122.3		
McDonald's on L. (TOILET)	122.6	3610	
Dow Villa on R.: Time Station #5 & Medical HQ (TOILET)	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: Congratulations!	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.

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SAMPLE TIME SPLITS FROM ACTUAL BADWATER 135 FINISHERS

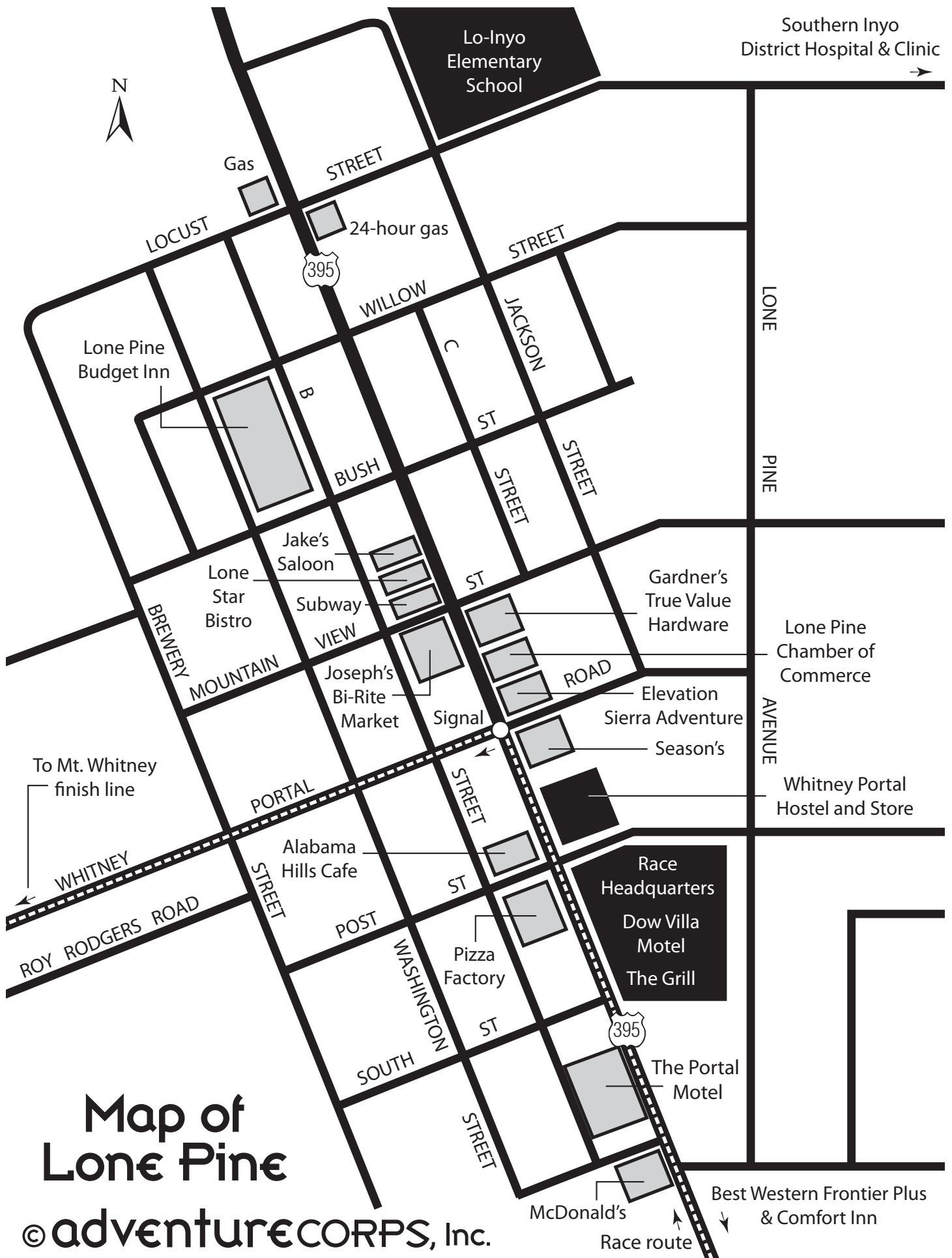
Do you want to see how you are doing compared to previous finishers of the race? Here are several actual time splits from the past few years for your reference. This data is useful before the race for planning and visualizing, but also during it, to make sure your current pace is reasonable or feasible. The splits are grouped into 34, 40, 44, and 46 hour finishing times so you have a few samples for each finishing time. Use these to help stay on track for YOUR finish!

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 Finishes

FC / 17	SPW / 42	PSR 72	Darw 90	LP 122	P Rd. 131	Whitney 135	Date

Notes



Map of Lone Pine

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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 <i>(Race HQ)</i>	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

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

