



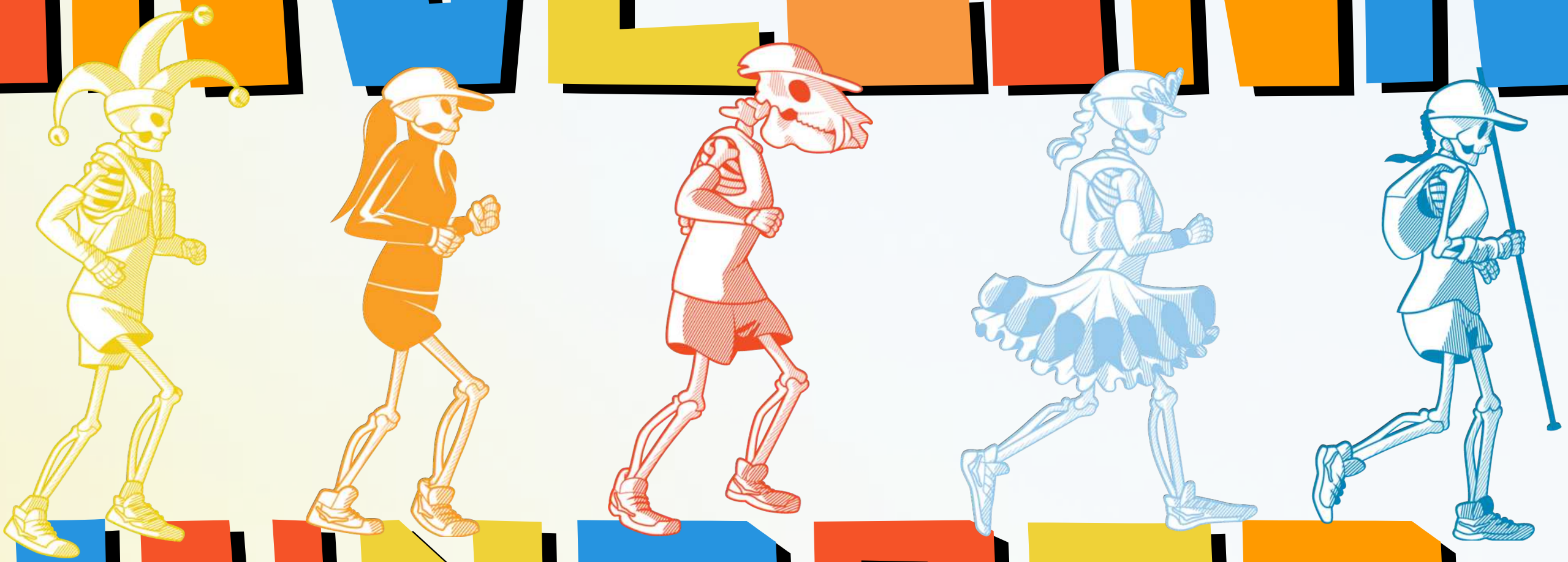
OCTOBER 26 - 27, 2019

presented by



JAVELINA JUNDRED

JAVELINA



JUNDRED

2019 PARTICIPANT GUIDE



WELCOME

Welcome to the 17th annual Javelina Jundred 100 Mile and 100 Kilometer Endurance Runs presented by HOKA ONE ONE! The Javelina Jundred will take place on "Jalloween" weekend in the beautiful Sonoran Desert. Please read through the following participant guide prior to race weekend to make the best of your race, and do not hesitate to contact us with any questions.

ORGANIZATION

The Javelina Jundred is organized by Aravaipa Running and permitted by McDowell Mountain Regional Park. Aravaipa Running is a locally owned runner-driven organization that promotes trail and ultra running events across Arizona, Colorado, and Utah. The production of the Javelina Jundred each year would not be possible without the help of over 200 volunteers on race weekend who help in varying capacities from medical to communications to staffing aid stations. Learn more by visiting aravaiparunning.com





HOKA ONE ONE[®]

TIME TO FLY[™]

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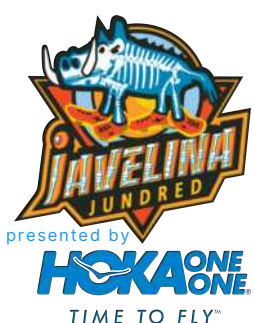


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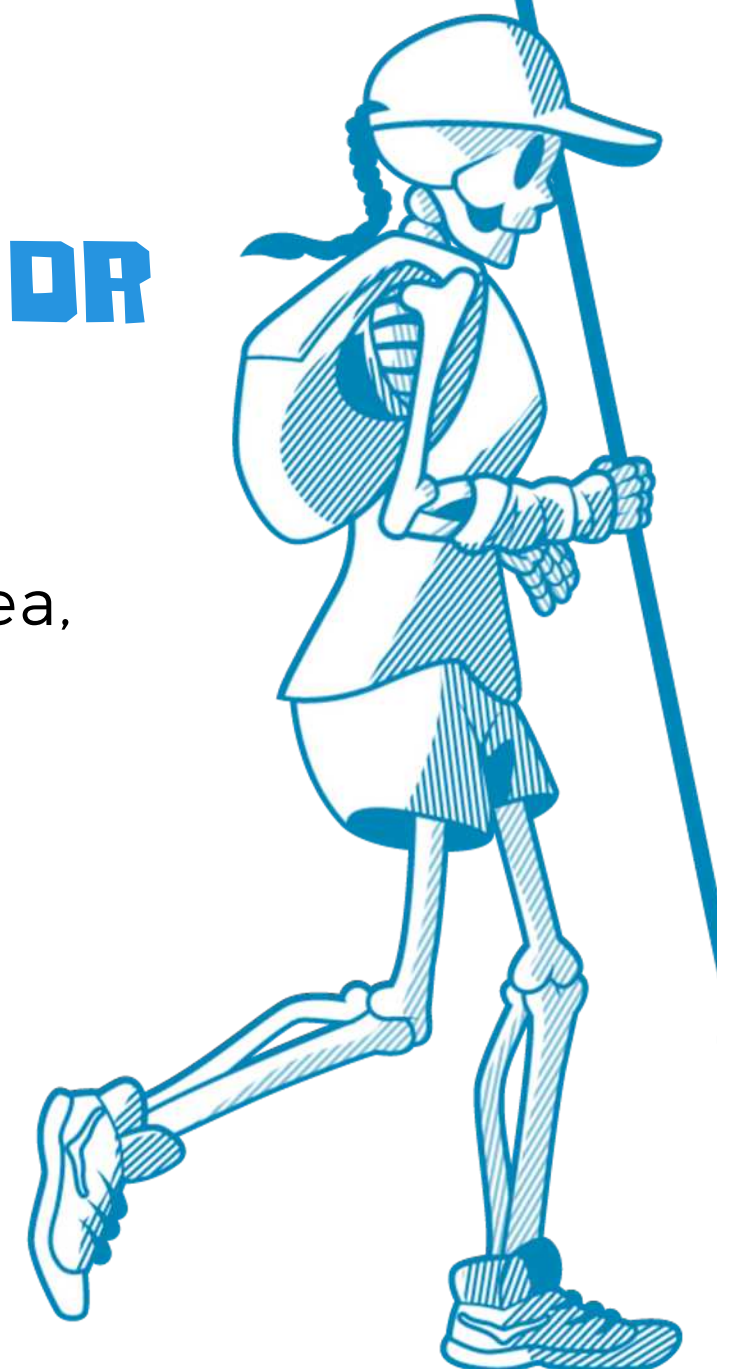
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RACE LOCATION

**16300 MCDOWELL MOUNTAIN PARK DR
SCOTTSDALE, AZ 85268**

The race is staged out of the Four Peaks Staging Area,
McDowell Mountain Regional Park.



HISTORY

Javelina Jundred was founded by Phoenix ultrarunner Geri Kilgariff back in 2003. Here is Geri's account of the history of the race:

Yeah, the idea started out as a joke. Woofie (Anthony Humpage) and I were running on the Pemberton trail one day and thought it'd be funny to have a 100-miler there, running multiple loops. "The runners would kill us!"

Then, thinking about it, it wasn't such a bad idea. It'd be a fast course, easy to aid, and the park was close to civilization and near a major airport. Woofie came up with the name Javelina Hundred, which became Javelina Jundred just for the fun of it. The whole idea of the race was to make it fun. That's how it became "The 100-Mile Party Run."

I thought I'd be lucky to get 50 runners to enter that first year (2003). I ended up with 180 entries and would've had more if I hadn't cut off the entries a week before the race. I think that was the most entries for a first-year 100-mile endurance run.

The race was won that year by Stephanie Ehret. I believe it was one of the first 100-mile races won by a woman.

The Pemberton 50k had been started a few years earlier, and that race always donated their proceeds to McDowell Mountain Regional Park. Using that model, I figured it'd be good for Javelina to follow suit. I figured I'd maybe have \$1000-\$2000 to give that year. It ended up raising \$10,000. I think that was another "first" too.

The race was subsequently picked up by James and Rodger Wrublik for several years until it was passed on to Jamil Coury in 2008. He formed Aravaipa Running in 2009 and has been organizing the race ever since. Aravaipa Running has continued with the tradition of supporting McDowell Mountain Regional Park through entry fees, camping permits, and participant fees each year.



The logo for the Ultra-Trail World Tour features a stylized mountain range composed of three red, 3D-rendered peaks of varying heights. To the right of the peaks, the text "ULTRA-TRAIL®" is written in a large, grey, sans-serif font, with a registered trademark symbol. Below this, the words "WORLD TOUR" are written in a smaller, grey, sans-serif font. A thin red horizontal line is positioned under the word "TOUR".

ULTRA-TRAIL® WORLD TOUR

The 2019 edition will be a “Competitor” race for the Ultra-Trail World Tour. We are proud to join this international circuit of ultra running and welcome runners from countries around the world to the Javelina Jundred. The 100 Mile run will offer 4 UTMB points and 3 points for the 100K.

The Javelina 100 Mile will also serve as a qualifying race for the 2020 Western States Endurance Run.



SCHEDULE OF EVENTS

WEDNESDAY, OCTOBER 23

- 6:30 PM Javelina/Aravaipa Group Run @ Javelina Jeadquarters
- 7:30 PM Group Run Potluck & Campfire

THURSDAY, OCTOBER 24

- 12:00 PM Early-bird check-in & camp setup at Javelina Jeadquarters
- 3:30 PM Joppy Javelina Tapping at Huss Brewing | Tempe & Phoenix Locations

FRIDAY, OCTOBER 25

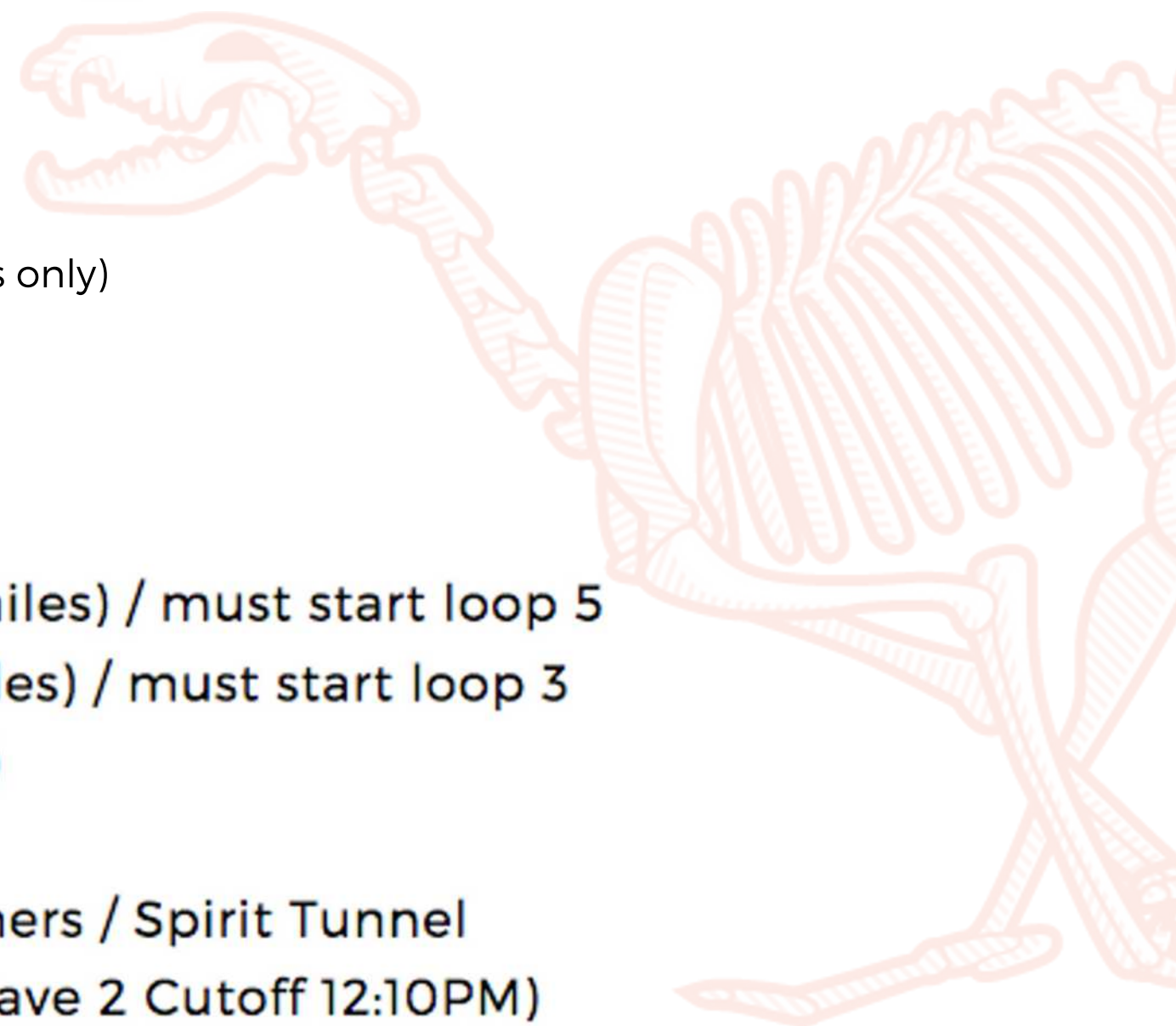
- 7:00 AM Javelina Jeadquarters opens for tent check-in and camp set up
- 10:00 AM Bib pickup & expo at La Puesta Del Sol at Fort McDowell (ends @ 6PM)
- 11:00 AM Freak Brothers Pizza at La Puesta Del Sol (ends @ 4PM)
- 5:00 PM A Friday Family Fright Night @ Jeadquarters Presented by HOKA
- 5:00 PM Family & Crew Pumpkin Carving Contest
- 5:30 PM Javelina Jopefuls! Kid's Run @ Jeadquarters
- 5:30 PM Freak Brothers Pizza & HUSS Brewing at Javelina Jeadquarters
- 6:00 PM A 'Jalloween' family movie & popcorn in the HOKA lounge
- 8:00 PM "Lights Out" JQ closes/quiet hours @ camp

SATURDAY, OCTOBER 26

- 4:45 AM Bib pickup @ Javelina Jeadquarters (McDowell Mountain Regional Park)
- 5:30 AM Drop bags for Jackass Junction due at start line
- 6:00 AM 100 Mile WAVE 1 race start (headlight or flashlight required to start)
- 6:10 AM 100 Mile WAVE 2 race start (headlight or flashlight required to start)
- 7:00 AM 100 KM race start
- 10:00 AM Freak Brothers Pizza & HUSS Brewing open at Jeadquarters
- 11:00 AM Sub sandwiches @ Jeadquarters Aid Station (runners only)
- 4:00 PM Pizza @ Jeadquarters Aid Station (runners only)
- 5:00 PM Jackass Night Trails Bib Pickup
- 6:00 PM Jackass Night Trail 31K Wave 1 Start
- 6:15 PM Jackass Night Trail 31K Wave 2 Start
- 9:00 PM Burgers @ Jeadquarters Aid Station (runners only)

SUNDAY, OCTOBER 27

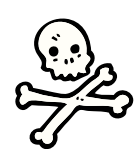
- 6:00 AM **100 Mile Runners:** Loop 4 Cutoff (80.65 miles) / must start loop 5
- 6:00 AM **100 KM Runners:** Loop 2 Cutoff (41.75 miles) / must start loop 3
- 6:00 AM Sub-24 Hour Buckle Cutoff (100 Mile only)
- 10:00 AM Awards Ceremony
- 11:00 AM The Javelina Jallelujah: Last Hour of Finishers / Spirit Tunnel
- 12:00 PM 100 Mile & 100 KM Cutoffs / Race Ends (Wave 2 Cutoff 12:10PM)
- 12:00 PM Event Breakdown! Volunteers needed!



RACE RULES



No drones allowed: this includes: crew, spectators, and runners. Runners will be subject to disqualification for the use of drones by themselves or their crew.



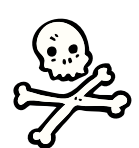
Littering is strictly prohibited. This includes organic waste, i.e. banana peels and toilet paper. Littering is grounds for disqualification.



NO PETS Pets are not allowed at Javelina Jeadquarters. No exceptions.



NO Glass bottles. Any type of glass bottle or container is not allowed. Please respect the park rule.



This is a closed course. Runners must follow the course as marked in the direction of the race. Deviating from the course results in disqualfciation. (This includes doing loops out of order).



Please respect all volunteers and park staff.



Cutoffs will be enforced based on gun time (6:00 AM & 6:10 Wave 2 100-mile starts & 7:00 AM 100km start). Absolutely no times will be listed past the 30 hour cutoff for any reason.



Buckle awards are based on chip time. (When runner crosses the start line).



Official time is based on gun time. (6:00 AM 100 Mile & 7:00 AM 100km starts).



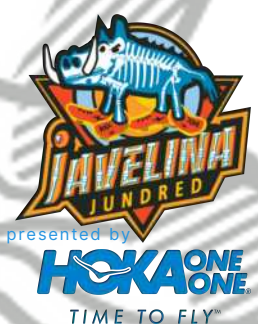
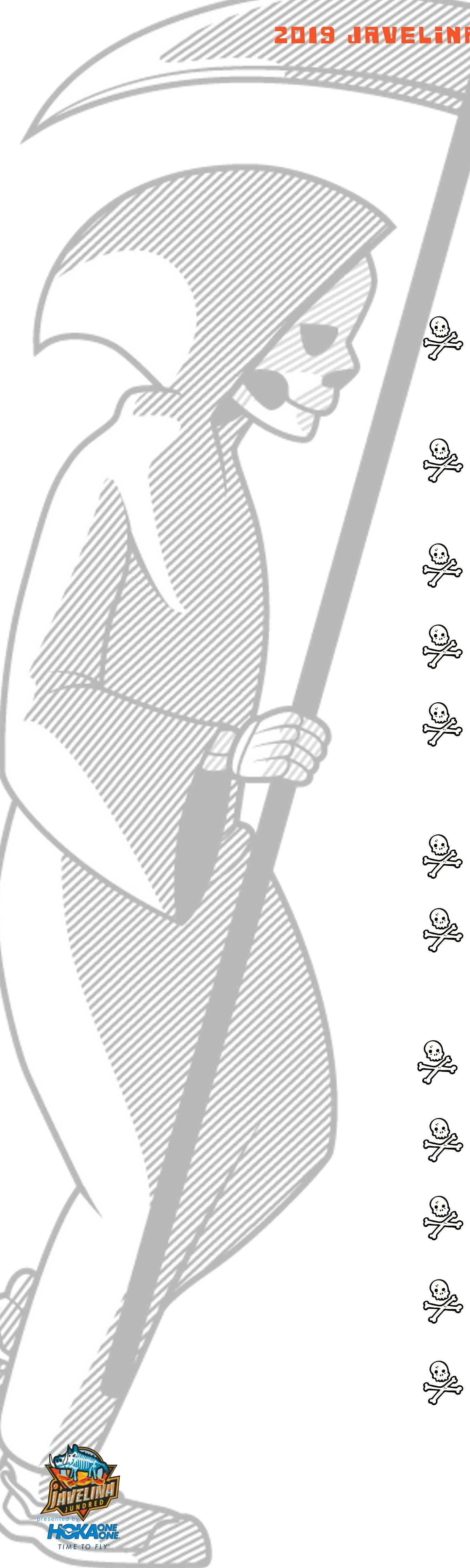
Trekking poles are not allowed. (except under special circumstances).



Music with headphones is allowed. (Please no live speakers or boomboxes).



Runners may not run with a pet.





ECO-RESPONSIBILITY

Life in the Sonoran Desert is the most diverse of all North American deserts and one of the most ecologically balanced deserts in the world. We are privileged to make this desert part of our passion and the backdrop to this incredible race. It is essential that we remain committed to reducing our footprint and preserving this natural treasure. Help us as we take steps toward a more eco-conscious experience for the runners, spectators, volunteers, and organizers of the Javelina Jundred.

A MOVE TOWARD CUPLESS

In an effort to cut down on the waste produced by this event, the Javelina Jundred will be a cupless event. What does that mean? There will be no paper cups for hydration at the aid stations at this race. Runners will be responsible for carrying their own container, cup, flask, or bottle to refill along the way. Please consider a bottle or hydration pack for water and a reusable, easy-to-carry cup for electrolyte refills and soda. Because we understand that the aid stations will see heavy traffic on the first loop, we will allow cups for the first loop only. However, we urge you, even on the first loop, to have your cups ready and in hand for a fast and efficient service.

UltraAspire reusable cups may be purchased with registration, at the expo, or on race day if you forget. Grab a cup, a hydration vest, pouch, or water bottle, and we will fill it and refill it at each aid station along the way. We ask you to help us in our efforts by preparing for a cup-free race day and thank you in advance for being good stewards of the trails.

CARRY YOUR TRASH

Please do not throw your trash on the ground. We ask all runners, crew, and spectators to keep the race course free from trash and carry any waste or trash to the next aid station. All aid stations have trash receptacles for your use. Please practice LNT: Leave No Trace.

RECYCLING

Aid stations and all along Javelina Headquarters, you will find recycling receptacles for plastic and aluminum. Glass bottles or containers are not allowed at Javelina.

TERRACYCLE

We have partnered with the TerraCycle company and GU to help collect and recycle used GU packets, energy bar wrappers, and other generally non-recyclable materials that we find every day in the running community. Look for our TerraCycle containers at each aid station.

PARK ENTRY PASS

McDowell Mountain Regional Park charges a \$7 entry fee per motorized vehicle per day. One vehicle entry fee is included in your race registration, which will be available for pickup at the Expo or at the park. Additional crew, pacer, or spectator vehicles will need to pay the \$7/day entry fee. Annual Passes good at all Maricopa County Regional parks are available from the park for \$85.

PARKING

Parking in the Four Peak Staging Area (Start/Finish) will be restricted to only those who are sleeping in their vehicle Friday night (car/truck/van/RV) and have a valid vehicle/RV camping permit. Those who are tent camping or have a tent rental will park their vehicles in the competitive track lot (1/4 mile away) on the Friday. Starting at 3:00 pm all tent camper vehicles must be moved out of the Four Peaks staging lot to the competitive track parking lot.

All other runners, crews, pacers, and spectators arriving on Saturday (race day) must park in the competitive track lot across the street from Javelina Headquarters. There is absolutely NO parking in the Four Peaks lot on race day. If the competitive lot is full we will have parking attendants help park you along the park road. However, you MUST stay out of the desert; do not park "off road." Vehicles parked in the desert, over the white line on park roads, or in such a way that impedes the flow of traffic along the park road will be ticketed and TOWED by the Maricopa County Sheriff's Department.

VEHICLE & RV CAMPER PARKING

Campers sleeping in their vehicle will be permitted to park at the Four Peaks Staging Area (Javelina Headquarters). All tent campers will be parked in the competitive lot once they have unloaded their vehicle.

RUNNER DROP-OFF ZONE

There will NOT be a runner drop-off zone. All runners and crew arriving Saturday morning will have to walk the 1/4 mile across the road from the competitive track to the Four Peaks Staging Area.



START TIME

The 100 Mile race starts at 6:00am & 6:10am Mountain Standard Time on October 26, 2019 at the Four Peaks Staging Area. The 100 kilometer race starts at 7:00am MST.

WAVE STARTS

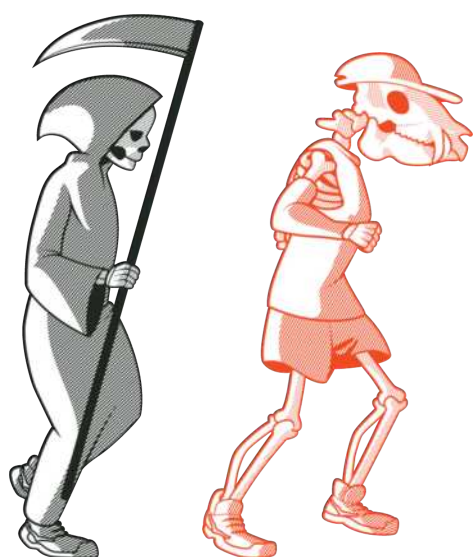
There will be a self-policed two-wave start for the 100-mile to help cut down congestion. Anyone aiming for a sub-24 hour finish will start in WAVE 1 at 6:00 am. All remaining runners will start 10 minutes later at 6:10 am. Cutoffs will be based on your wave start, meaning you will have 30 hours to finish with an overall cutoff of 12:00/12:10pm based on your start. The wave start is to help YOU!

DISTANCE & BUCKLES

The Javelina Jundred has two distances: a 100 mile and 100 kilometer foot race. Buckles are only awarded to runners who complete their 'registered' distance. If you complete three loops for the 100 mile race and then drop you will NOT receive a 100k belt buckle. Drops will be listed as a DNF and will not receive a finishing time.

RACE CUT-OFF TIMES

There is a 30 hour cutoff to be listed as an official finisher of the 100 mile and a 29 hour cutoff for the 100 kilometer . All cutoffs will be strictly enforced based on race gun time (6:00 am or 7:00 am) for WAVE 1 100-Milers and all 100KM runners. Wave 2 100-Milers will have until 12:10pm on Sunday.



6:00 AM SUNDAY

Four loop cutoff time or mile 80.65 for the 100 mile runners (24 hours).
Two loop cutoff or mile 41.75 for 100 kilometer runners (23 hours).

12:00 PM SUNDAY

Overall cutoff in 100 mile race (30 hours) & 100 kilometer race (29 hours).
Wave 2 in the 100 miler will end at 12:10 pm (30 hours).

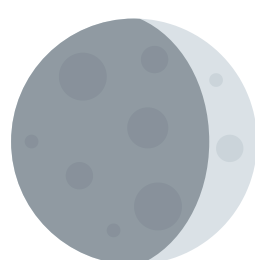
SUN & MOON

The 100 mile race starts 15 minutes into civil twilight and 45 minutes before sunrise. Make sure you have a light for the start if you are in the 100 mile race.

SATURDAY

6:16 AM Civil Twilight
6:42 AM Sunrise
5:43 PM Sunset

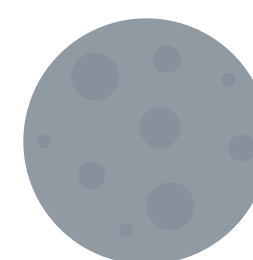
4:52 AM Moonrise
Waning Crescent
(4.2% visibility)
5:13 PM Moonset



SUNDAY

6:17 AM Civil Twilight
6:43 AM Sunrise

6:02 AM Moonrise
New Moon
(0% visibility)





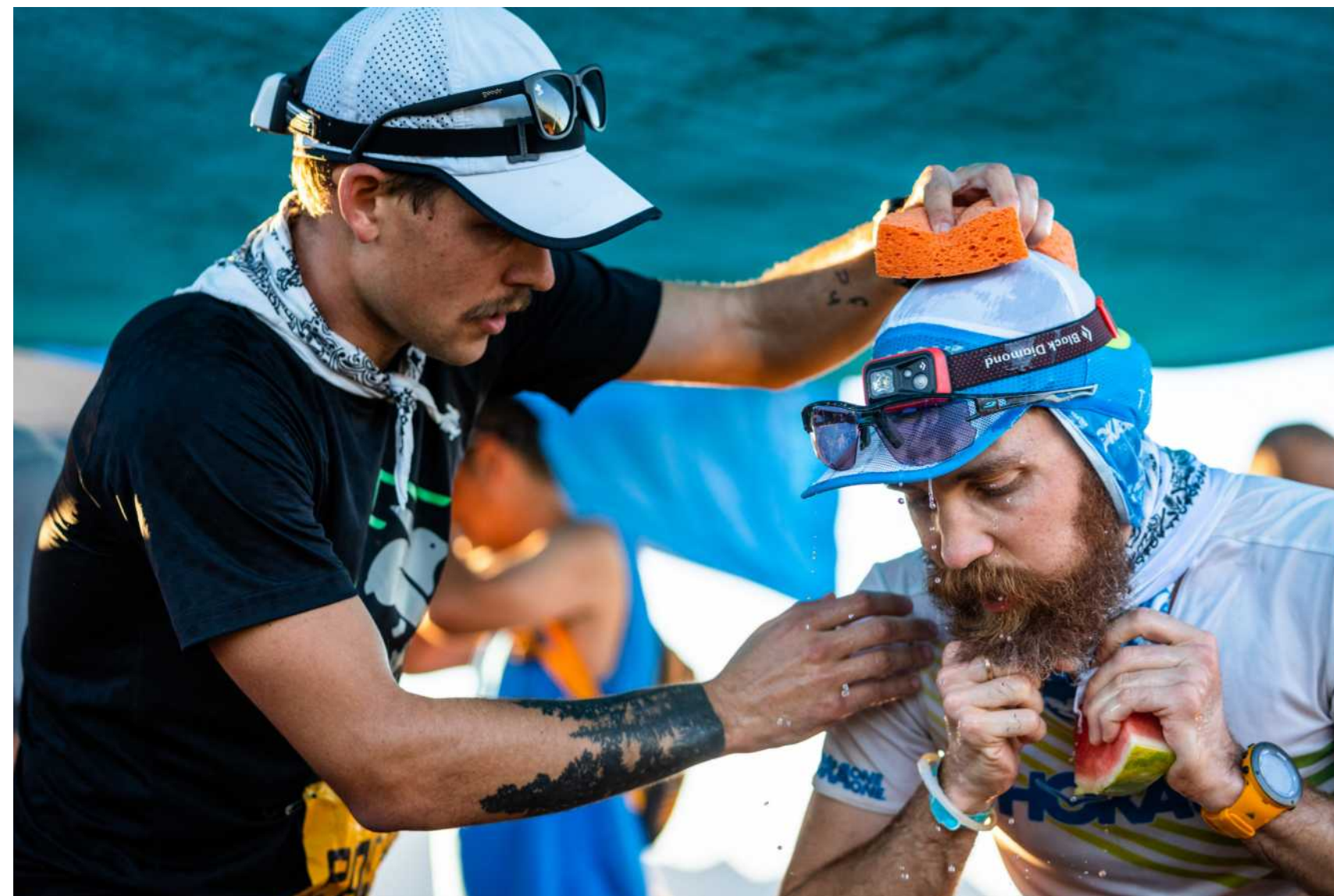
WEATHER

Average high temperature is 82°F with an average low of 53°F. Record high is 95°F and record low is 40°F. Be aware that the entire course is exposed, meaning there is NO shade. Be prepared for hot, sunny weather during the day and cold nights as you dip in and out of the desert washes and canyons. There is a dramatic temperature swing in the open desert as soon as the sun sets, so make sure to carry a long sleeve as soon as you start your 2nd and 3rd loop (anytime after 3pm would be a good time to carry a warm layer). Wisdom from one runner is to "plan for heatstroke during the day and hypothermia at night" and has been a pretty accurate picture of what to expect in this race.

We highly recommend a minimum of 50 ounces of fluid capacity for loop 1 and 70 ounces of fluid capacity for loops 2 & 3. Remember there is a 6.5 mile stretch between water and aid each loop.

RUNNING IN THE HEAT: PRO-TIPS

- **Hydration is key.** Make sure you are hydrating regularly along the course of your race.
- **Water is good in and on your body.** Keep yourself cool by pouring water directly on your skin, on your clothes, and on your head. This is an effective way to keep your body temperature down.
- **Sunscreen is your friend.** This course is exposed; make sure you apply and reapply sunscreen during the day.
- **Ice ice baby.** If you utilize ice, the best place is on your head, under your hat or around your neck. Do not consume ice or ice water on a hot day. Cold water or ice may cause serious digestive issues during your race which can lead to nausea and dehydration.
- **Shade your dome.** Protect your head, face and neck as you run--wear a hat or head wrap that covers not only your head, but shades your face. Go the extra mile in protective gear and consider a buff or wrap for your neck. The neck wrap can be used to carry ice or you can saturate it with water to keep you cool.





The Javelina packet pickup will consist of a bib number with attached timing chip, goody bag, gender specific custom rabbit tech shirt, and other goodies. Pickup will be available at La Puesta Del Sol on Friday or the Four Peaks Staging Area (Javelina headquarters) at McDowell Mountain Regional Park Saturday morning before race start.

FRIDAY, OCTOBER 25, 2019

Beginning at 10:00 AM

Expo & bib pickup at La Puesta Del Sol Event Venue, Fort McDowell, AZ.

SCHEDULE OF EVENTS

- 10:00AM - 6:00PM** Runner packet pickup available
- 11:00AM - 12:00PM** Southwest Wildlife Education Booth
- 11:00AM - 4:00PM** Freak Brothers Pizza
- 11:00AM - 4:00PM** Joppy Javelina Cash Bar
- 11:00AM - 4:00PM** Get Iced by GU's Salty the Yeti with goodr!



EXPO FEATURED VENDORS

**HOKA ONE ONE // RUN STEEP GET HIGH // RABBIT // GU // KOGALLA RA ADVENTURE LIGHTS
GOODR // NATHAN // SQUIRREL'S NUT BUTTER // SPLATS SUNSCREEN // ARAVAIPA
RUNNING // FREAK BROTHERS PIZZA // HUSS BREWING // SOLE SPORTS**

+ PLUS +

Cash Bar featuring Javelina's exclusive IPA "Joppy Javelina" by HUSS Brewing // DJ ULTRA // Photo Booth

PRE-RACE PHOTOS

Howie Stern will be onsite at the expo to take runner pre-race photos. These photos are FREE for all participants. He will also be capturing runners on course and at the finish. Howie Stern is an accomplished ultrarunner and photographer and understands what your race photo means to you. Check out his work at howiestern.com

SOLE SPORTS RUNNING ZONE

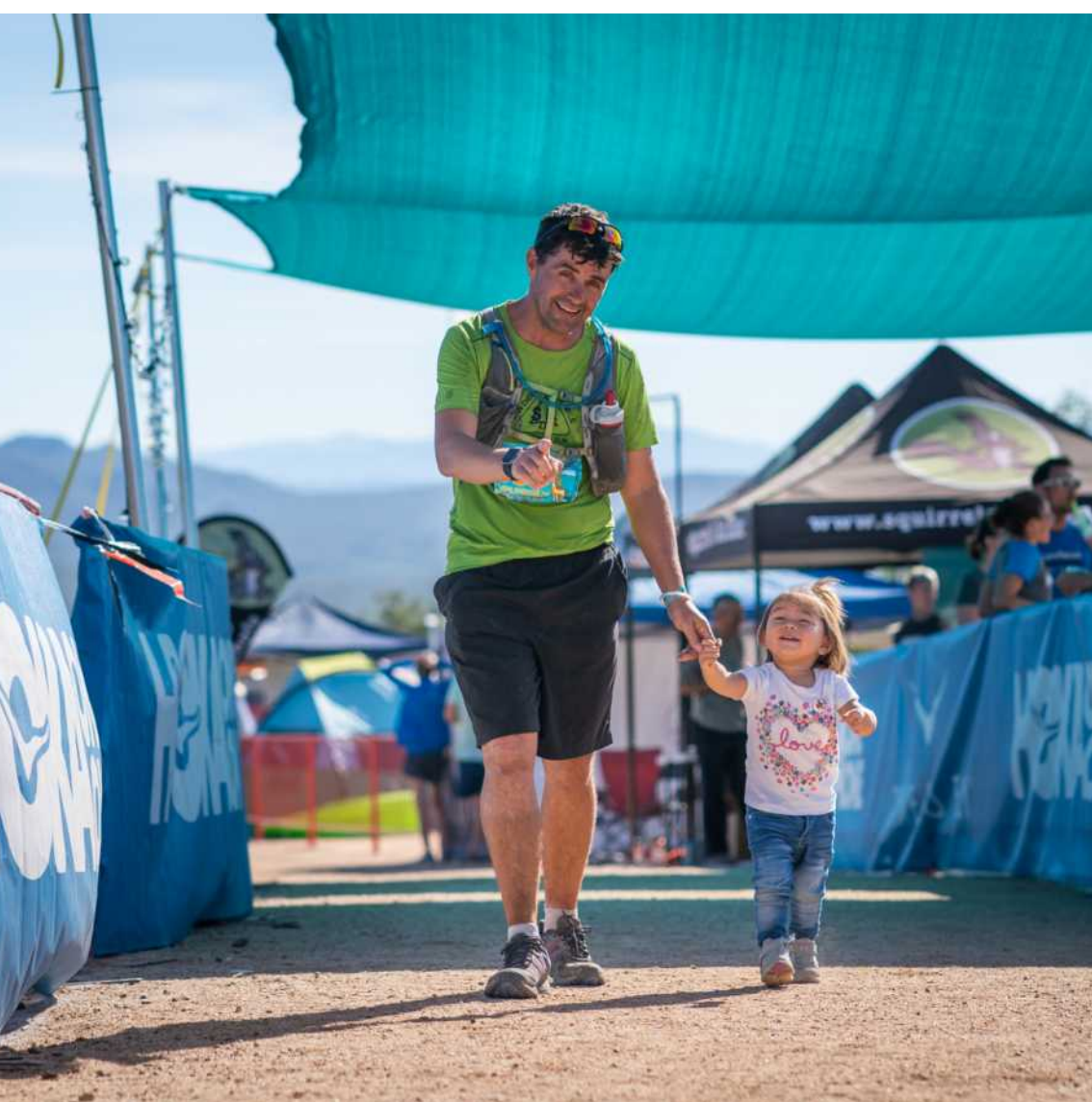


Local trail running shop Sole Sports will be setup on Friday from 10:00am to 6:00pm at La Puesta Del Sol offering items like socks, hats, batteries, and other items you find you need before race day. If you would like to special order a piece of race gear or some nutritional itmes ahead of time, please contact Sole Sports, Arcadia: 480-991-2475

MEANWHILE....BACK AT JEADQUARTERS FRIDAY FAMILY FRIGHT NIGHT!

Headed back to Jeadquarters after the Expo? Join us for our first ever Family Fright Night! Before we get too carried away with the party on Saturday, we want to welcome the families and crews to a Javelina, rated PG! Presented by HOKA ONE ONE, find a few hours of family fun in the HOKA Lounge next to the start/finish line!

- 12:00 PM** Freak Brothers Pizza Open
- 5:00 PM** Welcome to Family Fright Night (PG Javelina) in the HOKA Lounge
- 5:00 PM** Crew Pumpkin Carving Contest
- 5:10 PM** Kid's Corner Color Your Bib
- 5:30 PM** Javelina Jopefuls Kid's Run (A 1/4-mile dash through Jeadquarters!)
- 5:30 PM** Huss Beer Garden Open
- 6:00 PM** HOKA's Presents: Jalloween Movie Night!
- 8:00 PM** Goodnight Javelina! Quiet hours begin





FOR THOSE "JANGING" OUT AT JQ

SATURDAY, OCTOBER 26, 2019

- 6:00 AM** Come Cheer at the Start Line!
- NOON** **HOKA PONG TOURNAMENT** at the HOKA Lounge
- 3:00 PM** 21 Cup Tournament @ GU Booth (Jeadquarters)
- 5:30 PM** **S'mores w/ GU Stroopwafels @ JQ Fire Pit**
- 5:45 PM** **Jackass Pre-Race DANCE PARTY @ Start Line**
- 6:00 PM** Jackass Night Trail Runs Start (One Loop Wonders)
- 6:30 PM** Jackass Night Trail Wave 2



SUNDAY, OCTOBER 27, 2019

- 6:00 AM** Commemorative Javelina Jundred Tattoos @ the GU Booth JQ
(Artist Paul TiMMan from Sunset Strip Tattoos: Limited spots available)
- 11:00 AM** Javelina Jallelujah Hour: Last hour of finishers-- join in the celebration!

CHARITY BEER GARDEN



Joppiness is found again at our charity beer garden, sponsored by **Huss Brewing** and featuring the exclusive Joppy Javelina Juicy IPA. Huss will be out for the Friday Family Fright Night as well as Saturday from 10am to 2am. Beer is \$5 and half of every purchase is donated to the Southwest Wildlife Conservation Center that sees to the rescue, rehabilitation and release of desert wildlife.

ARAVAIPA MERCHANDISE STORE

We will have Aravaipa Running and Javelina Jundred merchandise available for sale at our booth at packet pickup and onsite in the vendor village near the start/finish. Celebrate your triumph or treat your crew with a little something from our store. We accept cash or credit.

JAVELINA JQ VENDOR VILLAGE

There is no formal pre-race dinner, but there are many dining options around Fountain Hills and Javelina Headquarters will host several vendors onsite near the finish line.



Freak Brothers Pizza Company will be cooking pizzas starting Thursday from 12:00pm to 9:00pm at Javelina Headquarters. Find them at the Pre Race Expo from 11:00 am to 4:00 pm. They will also be serving pizzas at Javelina Headquarters on Friday starting at noon and Saturday starting at 10am through the duration of the event through noon on Sunday. Freak Bros only uses the best ingredients, and are able to create their pizzas to suit your nutritional needs. Whether you prefer vegan, gluten-free, or meat and grain loaded, Freak Brothers will provide you with delicious sustenance to keep you and your crew grooving all weekend long! They accept cash or credit card and pizzas range from \$10-\$13 each.



We also welcome back **Gypsy Cup Traveling Cafe!** Gypsy Cup is a full service cafe on wheels local to Arizona. Their unique trailer features expertly crafted espresso drinks, coffee and a custom 8 tap system featuring 3 cold brew flavors on tap as well as 3 flavors on nitro. Find Gypsy Cup near the start finish line starting Friday. They will be open early race morning and rock'n roll all weekend long! Cash and Credit accepted.

Juicetown Jailhouse is also joining the party! Healthy and equally delicious their fresh-pressed juices are almost criminal! Juicetown Jailhouse firmly sets itself apart by offering juices of the fruit and vegetable variety that are fresh-pressed daily to ensure big flavor in every sip. All produce is sourced locally and is all organic. Find them in the vendor village starting Friday through Sunday; cash and credit accepted.

Local Fountain Hills vendor and provider of all the ice for the Javelina Jundred, **Fountain Hills Water and Ice** will be serving up ICE cold, fresh squeezed lemonade, flavored ice and kettle corn.

TIMING

Each runner will be issued a timing chip attached to the back of your race bib. (DO NOT FOLD YOUR TIMING CHIP). The race bib with timing chip must be worn ON THE FRONT of your shirt or shorts at all times during the race. You will cross the timing gateway once when the race starts and then once when ENTERING the start/finish area from each lap. Do not cross the timing gateway when exiting the start/finish area to begin another lap. Each time you cross the timing gateway your name and lap time will appear on a large TV screen under the timing tent.

In addition to crossing the timing gateway at the Javelina Headquarters, remote timing mats will be recording bib numbers at each remote aid station. All split times will be verified to ensure that runners pass through each checkpoint.

ULTRACAST LIVE

The Javelina Jundred offers a live webcast of results recorded after each loop of the course. As runners pass through the timing gateway, lap times are recorded from the timing chip and instantly displayed on the Ultracast webpage on the Aravaipa Running website. Family and friends may access the Ultracast during the race by visiting **Ultracast.TV**

COMMUNICATIONS

Amateur radio operators will be staffing each aid station throughout the race as a public service provided by Maricopa County Emergency Communications Group. Radio operators will be tracking runners at each remote aid station, so make sure your bib number is visible and on the front of your person.

MEDICAL

Our Medical Team is run by MedStar Solutions. If you encounter an emergency on the trail or any medical question, please call the phone number on your race bib **480-269-4169**. Please call this number instead of 911 for medical emergencies.



CREWS

We like to think crewing at the Javelina Jundred is one of the easiest and most fun hundreds to crew. Crews have a chance to see their runner five times throughout the race without having to drive anywhere, and have a front row seat to watch the entire race unfold. Crews may set up in the designated crew areas within Javelina Jeadquarters.

THINGS TO NOTE:



- Crews wishing to to set up pop-up canopies, please use designated areas (non-camping zones).
- Crews setting up camping tents must pay \$25 camping fee per tent.
- Aid station food & coffee is for runner and pacers only.
- Crewing is only allowed at Javelina Jeadquarters.
- Wood-fired pizza, coffee, and other snacks and vending will be available for purchase on site at Javelina Jeadquarters for crews starting Thursday afternoon.
- No pets allowed at onsite at Javelina.
- Javelina Jundred is an **'R'** rated event (with some exceptions). We love the family-feel but that doesn't mean it's 100% kid friendly. There will be explicit music played at Jeadquarters and other aid stations in addition to some 'risque' costumes Please note, frontal nudity/exposure is NOT permitted. However, we do award "Best Ass" so expect some bare butts. Please keep this in mind if you are bringing young children. You've been warned.

DROP BAGS

Drop bags are permitted at the Jackass Junction Aid Station and at Javelina Jeadquarters. Drop bags are NOT permitted at Coyote Camp or Rattlesnake Ranch. Please mark your drop ags prominently with you name, bib number, and aid station location.

Drop bags destined for Jackass Junction may be dropped off on race morning up until 5:30am. They will be transported via truck to the aid station and laid out in bib number order. There will not be protection on the drop bags from rain if there is any. Please weatherproof your bags if this is a concern. Drop bags staying at Javelina Jeadquarters may be placed in the designated drop bag area which will be well-marked on race weekend. We highly encourage you to place your drop bags Friday as race morning can be quite chaotic with over 1000 runners arriving.

Drop bags will be returned to Jeadquarters from Jackass Junction by 10am Sunday. If you would like your bag delivered quickly, please place them in the "Discard" pile at the aid station.



INFORMATION ON PACERS

Pacers are allowed after three loops (61.2 miles) or at sunset, whichever comes first in the 100 mile race. Pacers for the 100K may join in after two loops (41.75 miles). Multiple pacers may be used, but only one at a time. pacers must be human and on foot (no pets and no bicycles allowed). Pacers can only be picked up and dropped off at Javelina Jeadquarters, Therefore, all pacers should be prepared to complete the full 20 mile loop, no exceptions. No mule-ing or carrying of a participant's gear or supplies.

All pacers are required to wear a "Pacer" bib while on course with their runner. Pacers must check in and sign the event pacer waiver to receive their bib. Pacers may either check in at the expo on friday or on race day at Pacer Central in the Aravaipa Running Store at Jeadquarters. Volunteer pacers may be available and should sign in at Pacer Central on race day, but race management will not provide or guarantee pacers for runners. All pacers must park at the competitive track lot and walk across to Javelina Jeadquarters.

DROPPING FROM THE RACE

If you drop from the race, you MUST notify the timing tent and be marked as leaving the course. If you are unable to return under your own power to Javelina Jeadquarters, and must drop from the race at a remote aid station (Coyote Camp, Jackass Junction, Rattlesnake Ranch), please notify a designated radio volunteer who is working at that aid station. If at all possible, we ask that you avoid dropping from the race at a remote aid station. It's very difficult and time consuming for race staff to retrieve you from the remote stations and should be reserved for emergencies only.

LAST LAP BRACELTS

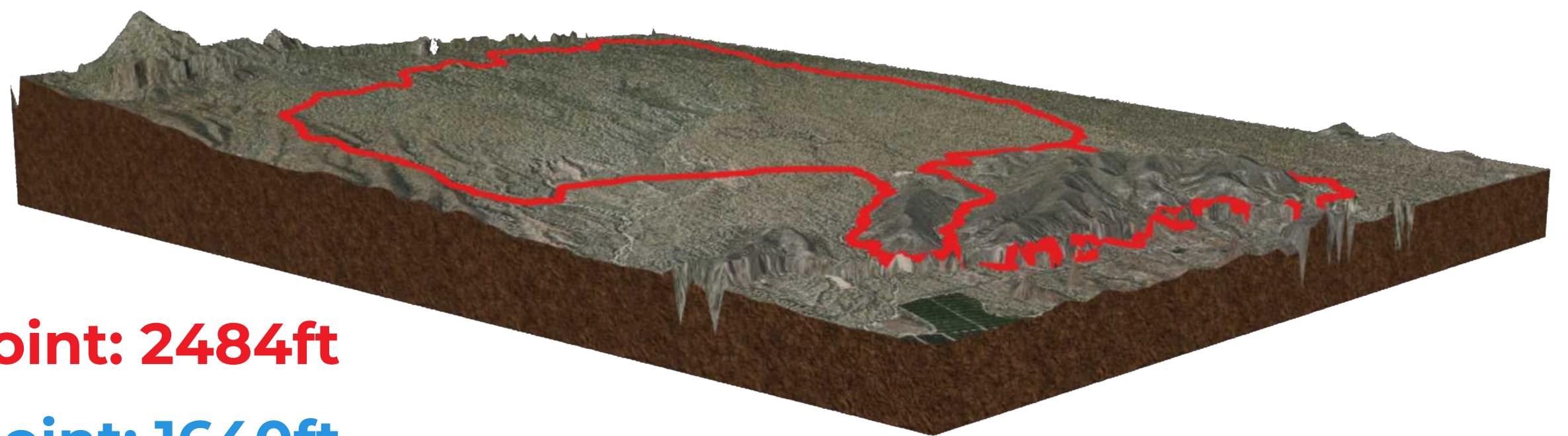
Runners in the 100 mile race will be given a "Last Lap" bracelet before the start of their final loop at Javelina Jundred. Look to receive your bracelet at the timing area at the start/finish line. These white bracelets glow and will help volunteers, race staff, and other runners identify you as a runner on the final loop, and should be worn with pride! This bracelet signifies you are almost a finisher of Javelina Jundred, so be sure to collect yours and keep going!

COURSE DESCRIPTION

The 100 mile course will incorporate five loops on the Pemberton, Shallmo, & Cinch Trails, with part of the first loop also being on the Escondido Trail. Trails feature rolling single track through the Sonoran Desert. Run past giant saguaro cactus, granite boulders, and dry wash-beds as you tour the most popular trail in the McDowell Mountain Regional Park. 100 kilometer runners will complete three loops.

Loops are run "washing machine" style, meaning each is reversed, allowing you to keep an eye on the competition, see your friends, and meet other runners all day and night.

Each loop features a gentle 800-foot climb from the start/finish at Javelina Headquarters to the high point near the foothills of the McDowell Mountain range. The trail dips in and out of wash beds on the far side of the course before descending back to the start/finish line. The trail is a mix of hard packed granite, rock, and sand.



Highest Point: 2484ft

Lowest Point: 1640ft



COURSE RECORDS

100 MILE

MEN 13:01:14 | PATRICK REAGAN (2017)

WOMEN 14:52:14 | DEVON YANKO (2015)

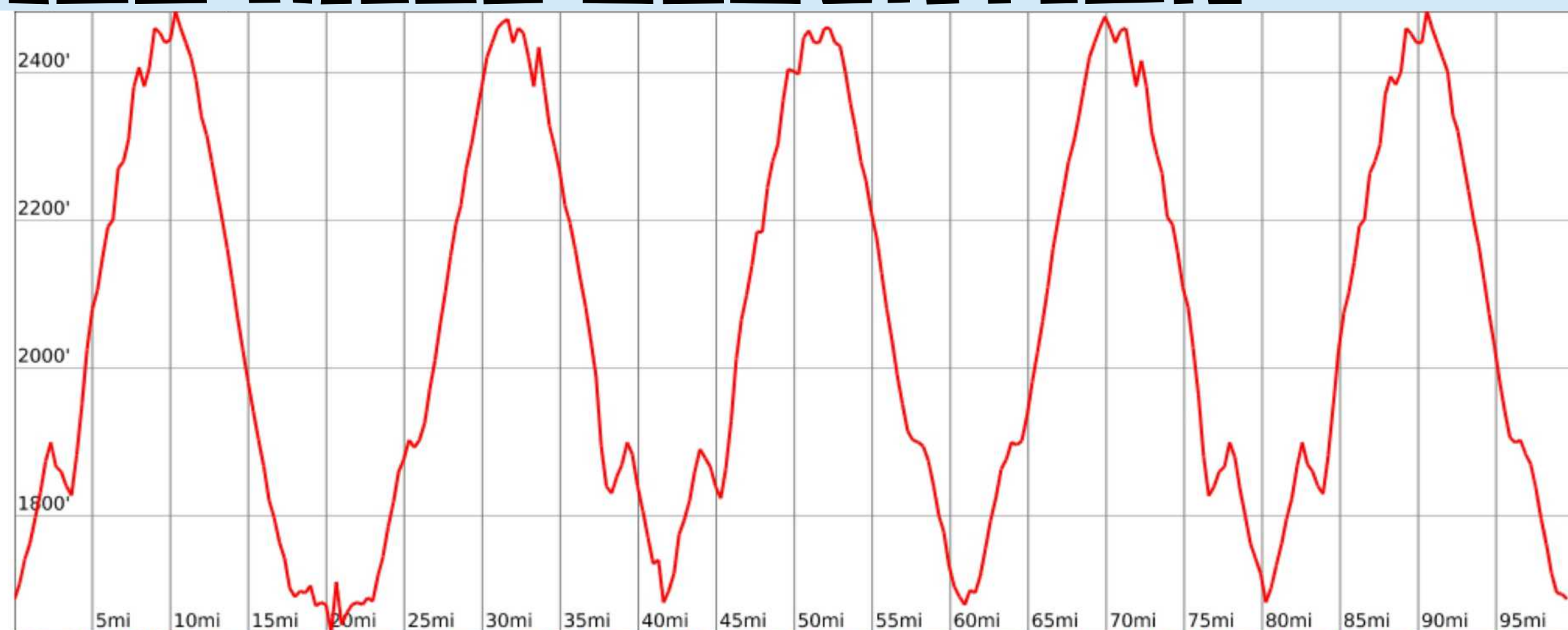
100 KM

MEN 8:32:41 | MAKAI CLEMONS (2017)

WOMEN 8:48:45 | COURTNEY DAUWALTER (2016)



100 MILE ELEVATION



TOTAL GAIN

7900

TOTAL LOSS

7900

100 KM ELEVATION



TOTAL GAIN

5000

TOTAL LOSS

5000



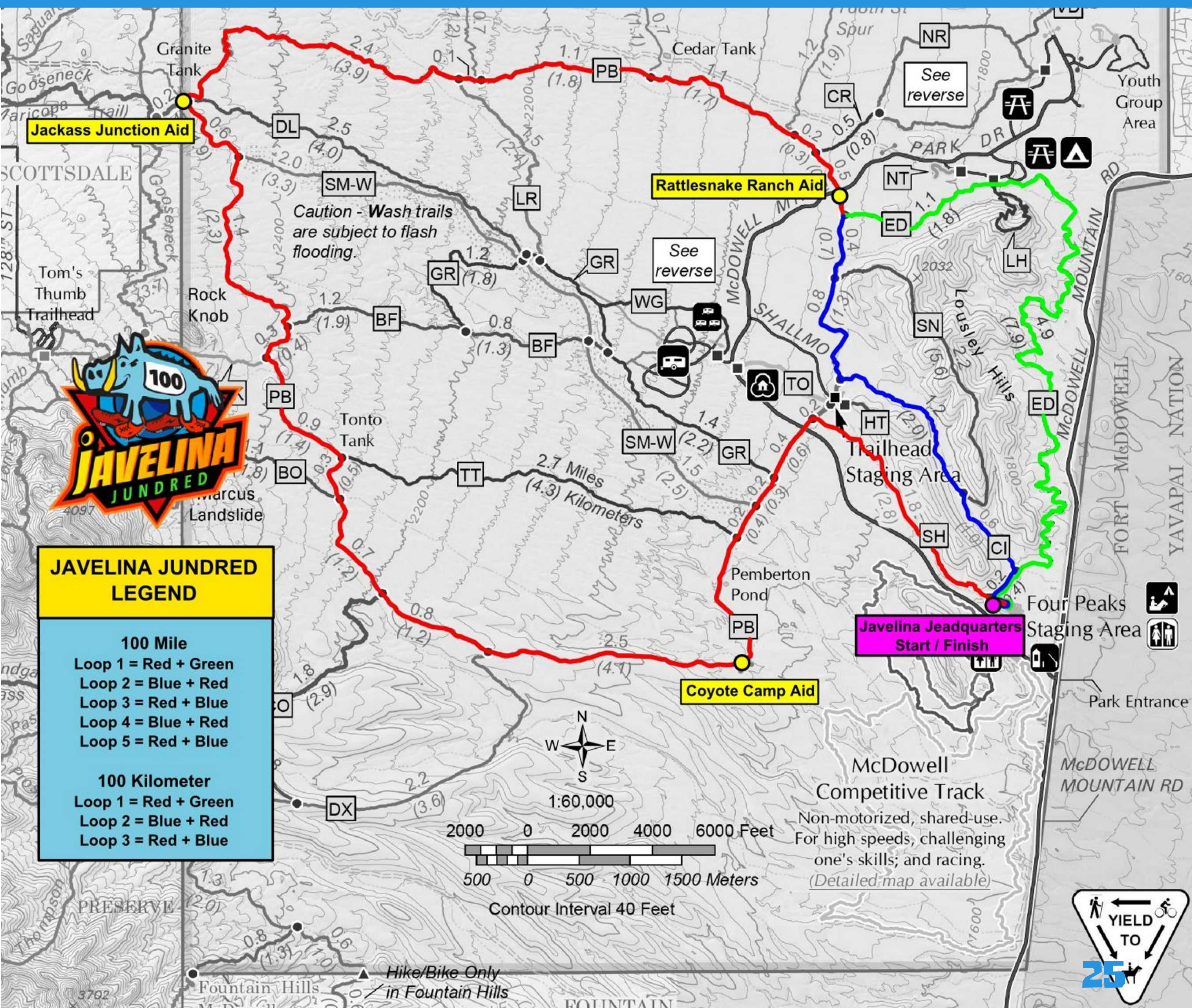
There are four aid stations per loop: Coyote Camp, Jackass Junction, Rattlesnake Ranch, and Javelina Headquarters (Four Peaks Staging). GU Energy will be providing GU Roctane and an assortment of GU Energy Gels at all aid stations. Gatorade and S! Caps will also be available. Food provided will include fruit, sweet snacks, salty snacks, chips, pumpkin pie, soda, potatoes, bean burritos, PB&J, and soup. Additional meals including sub sandwiches and pizza will also be available at all aid stations.

Aid Station	Segment Distance	Total Distance	Notes	Cutoff
Javelina Headquarters	0.0	0.0	Start	
Coyote Camp	4.0	4.0		
Jackass Junction	6.5	10.5	Drop Bag	
Rattlesnake Ranch	5.2	15.7		
Javelina Headquarters	6.6	22.3	Crew / Drop Bag	
Rattlesnake Ranch	3.7	26.0		
Jackass Junction	5.2	31.2	Drop Bag	
Coyote Camp	6.5	37.7		
Javelina Headquarters	4.0	41.7	Crew / Drop Bag	
Coyote Camp	4.0	45.7		
Jackass Junction	6.5	52.2	Drop Bag	
Rattlesnake Ranch	5.2	57.4		
Javelina Headquarters	3.7	61.1	Crew / Drop Bag	
Rattlesnake Ranch	3.7	64.8		
Jackass Junction	5.2	70.0	Drop Bag	
Coyote Camp	6.5	76.5		
Javelina Headquarters	4.0	80.5	Crew / Drop Bag	6:00am (24 hrs)
Coyote Camp	4.0	84.5		
Jackass Junction	6.5	91.0	Drop Bag	
Rattlesnake Ranch	5.2	96.2		
Javelina Headquarters	3.7	99.9	Finish	12:00pm (30 hrs)

COURSE MARKINGS

The course will be marked with orange tape with black polka dots along the entire trail. Blue & white checkerboard ribbon will be placed at junctions or trails not a part of the race. Bright yellow signs labeled with the Javelina Jundred logo and arrows will also be placed at all junctions on the course, with red wrong way signs on trails that are not a part of the race. During the night, reflectors, glow sticks, and/or LED lights will be placed around the loop to further assist runners. Reflectors will be placed at approximately every tenth of a mile and at junctions.

Additionally, all trails and trail junctions within McDowell Mountain Park are signed with permanent signs by the park.



TRAINING TIPS

Although the Javelina Jundred is easy logistically speaking (full aid stations every 3.6 to 6.5 miles, crew every 19.45-22.3 miles) and has considerable less elevation gain and loss when compared to other races, the course and race conditions should not be taken for granted. Historical finish rate has hovered around 51% for the 100 mile.

Reasons for this include:

HEAT:

The race is in the desert and regardless of the time of the year, it can get hot in the day. Arizona typically has very low humidity, so your sweat will evaporate quickly. Remember to drink as you are thirsty. There is absolutely no shade or tree cover anywhere on the course. Temperatures have reached into the mid nineties in past years and do take a huge toll on runners who are unprepared. Train in the heat if you can. If you cannot, set up a plan to keep cool. In addition, make sure you have enough fluid/water capacity. We highly recommend a minimum of 50 ounces of water starting on loop 1 and 70 ounces for loops 2 & 3 during the heat of the day.

DESERT TERRAIN:

The Javelina course exemplifies desert trail running. There is a mix of absolutely beautiful gravel-topped single track trail, dirt jeep roads, rocks, cacti, washes, and sand. There are at least two miles of very rocky terrain per loop on the course. Prepare for this by training on rocky terrain wherever you can. You will also be running through several miles of sandy washes. Some areas are not too deep, but some will slow you down. We would suggest training in sandy washes or beaches close to home and see how your pace and feet hold up. Ask yourself if you think you may need to wear gaiters and whether you feel comfortable moving through the sand. If at all possible, go to the desert and run on the rockiest and sandiest trails you can find!



GOING OUT TOO FAST:

Many runners who end up dropping out of our race note that they went out too fast. To keep at an easy pace early in the race, we suggest walking the uphill sections on the first loop. This will keep you from going too fast and save your energy for later in the race. You will most likely still be ahead of your goal pace even if you walk significant portions of the first loop. Don't waste energy trying to run the climbs in the first few miles of rocky terrain.

TEMPERATURE SWINGS:

As soon as the sun sets (5:30pm) the temperature will drop dramatically. Within a few hours, the temperature may drop from the mid 80's to mid 40's. Add in the fact that you have been sweating all afternoon and you may get the chills quickly. Don't forget to grab a layer as you head out on another loop any time after 3pm or have a long sleeve in your drop bag. We see runners experience hypothermia every year regardless of the heat in the afternoons.





AWARDS

BUCKLES

Each runner finishing the 100 mile race under the 30 hour cutoff will receive a Javelina Jundred finisher's belt buckle. Those completing the race in less than 24 hours will receive a larger, sub-24 hour Javelina Jundred finisher's belt buckle.

All runners completing the 100 Kilometer race in under the 29 hour cutoff time will receive a 100k finisher's belt buckle. Please note that if you drop from the 100 mile race, you will be listed as a DNF and not included in the 100k results even if you completed that distance.

All awards will be presented at the finish line when you complete your race.





OTHER AWARDS

In addition, awards will be given to individuals for the following:

1ST, 2ND, & 3RD MALE OVERALL IN THE 100 MILE

1ST, 2ND, & 3RD FEMALE OVERALL IN THE 100 MILE

1ST, 2ND, & 3RD MALE & FEMALE OVERALL IN THE 100KM



A few of our more “unique” awards in the Other category deserve a little explaining. Many of these have been a part of our race since inception and contribute to the fun nature of the race. All awards are voted/and or decided on by the race directors. Bribes and flattery are acceptable forms of getting more votes.

BEST COSTUME

To the top three male and female runners who have the best costume: that's right A Costumed Podium! There are no rules for this award, but points are often awarded for individuality, duration of costume being worn (and remaining intact), most outlandish “we can’t believe you ran the full 100 miles in the costume”, attitude and cleverness. To help us with the voting this year, please submit your name and costume title ahead of time on the website.

FIRST VIRGIN

Goes to the fastest 100 mile finisher who has never attempted or finished the Javelina Jundred before.

YOUNGEST/OLDEST FINISHER

We like to celebrate the range of ages at this event and have seen runners from early teens to mid-70's finish this race. The award goes out to the youngest and oldest to complete the full 100 miles in under the 30 hour cutoff.

DEAD LAST

Goes to the last runner who completes the full 100 mile race in under the 30 hour cutoff. Yes, it has come down to a few seconds in some years. We celebrate a nail biter of a finish.

GERI'S MOST MEMORABLE PERFORMANCE

Of course we give an award for our race founder. Maybe she is out there, creeping around the course at night, laughing at you as she thinks about how many loops you have to run on the Pemberton Trail. If you know Geri, you'd immediately understand why her award typically features a skeleton on a stripper pole. We award this based on guts, determination, craziness, loudness, or anything else memorable.

BEST ASS

Yup, keeping it a little risqué. Race director's pick. Show 'er your ass.

BEST TEAM FINISH

We award the best team finish to the lowest combined 100 mile finish time of your team. Teams are comprised of two runners and are often times related or close friends (husband/wife, siblings, parent/child). Just sign up and make sure you push each other to a full 100 mile finish!

FIVE TIME FINISHER

If you can stand running with us year after year and accumulate five 100 mile finishes, we have a special jacket waiting for you at the finish line.



DIRECTIONS

The closest airport is Phoenix Sky Harbor (PHX) which is a 55 mile drive from the park. Coming from Phoenix, take the loop 202 East to Country Club Drive/Hwy 87. From 87 turn left onto Shea Blvd. Go 0.6 mile and turn right onto Saguaro Blvd. In 4 miles, Saguaro Blvd will end at N Fountain Hills Blvd. Turn right and follow signs to the park entrance.

**16300 MCDOWELL MOUNTAIN PARK DR,
SCOTTSDALE, AZ 85268**

DIRECTION MAP



EXPO LOCATION

**14803 N HIAWATHA HOOD ROAD
FORT MCDOWELL, AZ 85264**

TRAVEL & LODGING ACCOMMODATIONS

There are two major airports serving the greater Phoenix area:

SKY HARBOR INTERNATIONAL AIRPORT is located 34 miles or 1 hour from the race start near downtown Phoenix and serves the following airlines: Aeromexico, Air Canada, AirTran, Alaska, American, British Airways, Continental, Delta, Frontier, Great Lakes, Hawaiian, JetBlue, Southwest, Sun Country, United, US Airways, and WestJet.

PHOENIX-MESA GATEWAY AIRPORT is located 44 miles or 1 hour 5 minutes from the race start near Queen Creek and serves Allegiant Air.

HOTELS



We-Ko-Pa Resort & Conference Center
10438 N Fort McDowell Rd
Fort McDowell, AZ
(480) 789-5300

Here are some other hotels in the area:

INN AT EAGLE MOUNTAIN

9800 North Summer Hill Blvd
Fountain Hills, AZ
(480) 816-3000

COMFORT INN - FOUNTAIN HILLS

17105 East Shea Blvd
Fountain Hills, AZ
(480) 816-1260

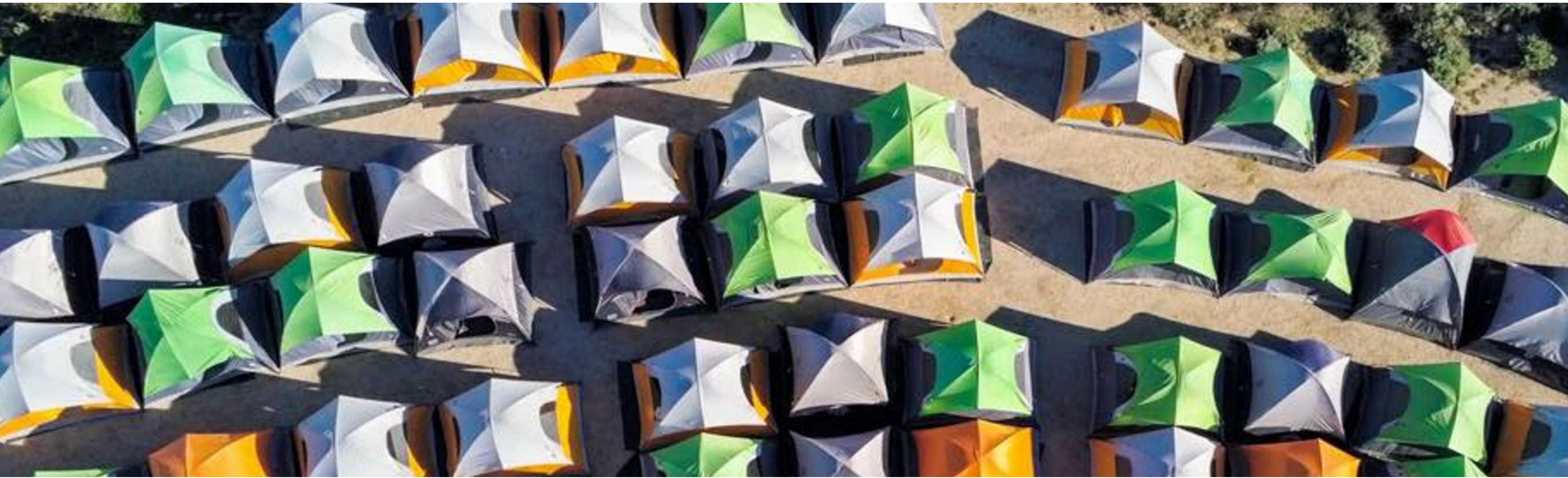
COURTYARD BY MARRIOTT SCOTTSDALE AT MAYO CLINIC

13444 East Shea Blvd
Scottsdale, AZ
(480) 860-4000

COPPERWYND RESORT & CLUB

13225 North Eagle Ridge Drive
Scottsdale/Fountain Hills, AZ
(480) 522-1031

CAMPING



Camping will be available Friday and Saturday nights at the Four Peaks Staging Area (Javelina Headquarters, start/finish) for \$25 per tent camping unit, \$30 per vehicle camping unit, and \$50 per RV camping unit. You may purchase a camping unit with registration or at the park from us when you arrive to set up your tent. As a reminder, only vehicles used for sleeping in and with a camping permit will be allowed to park in the Four Peaks lot Friday night. All others will be parking in the competitive lot across the street.

Camping and tent rental check-ins begin at 7:00 am Friday morning October 25. You may drive into the Four Peaks lot to drop off your camping supplies up until 3:00 pm. After that time, only vehicles used for sleeping will be permitted to enter and all other vehicles must be moved out.

Recreational Vehicles or tent trailers with a camping permit are allowed at Javelina Headquarters with a pre-reserved RV camping permit-no hookups. We will have volunteers on-site to direct RV campers to their designated location. Please follow all instructions so we can get all RV campers parked as efficiently as possible. RVs are limited to 30ft in length.

If you prefer a full campsite with RV hookups, they are available elsewhere in the park for \$25/night. McDowell Mountain Park now takes reservations online for the RV campsites.

NEW to 2019: EARLY BIRD CAMPING is available Thursday, October 24 beginning at 12 noon. Campers with a tent, vehicle or RV reservations may come to the park at noon but must pay the park entry fee of \$7 and an additional \$15 for the overnight permit. Early bird camping is reserved for campers only, no crew set up.

SPONSORS

The Javelina Jundred is one of the largest 100 Mile Endurance running events in North America. We like partnering with companies and organizations we believe in and provide value for our participants. A BIG Thank You and Javelina Jigh-Five to our 2019 sponsors!



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