



## WEATHER RELATED INCIDENTS

### Monitoring

1. Event management will ensure hazardous weather plan is in place one (1) week prior to the event.
2. Event management will monitor the weather, to include but not limited to air temp, humidity, and wind speed. These critical factors will be forecasted and tracked up to, and on race day.
3. Based upon forecast, certain precautions will be implemented to mitigate issues that may arise in regard to temperature and weather.
4. IF severe weather is in the forecast for race day, Event management will notify key stakeholders of any pending severe weather forecasts.
5. Race Director (Jeff Frost) will be responsible for the notification of the status of severe weather condition that may threaten the safety of participants, spectators, events staff or negatively impact USFS resources.
6. If severe weather is approaching, a notification system- “Flag System”. There is adequate shelter available, and will be open.
7. If threatening weather happens **BEFORE** the race start (8:00 a.m.), the Race Director will determine the safety of starting the races on schedule – or delaying the start. If the start is delayed, the race duration MAY be shortened in order to ensure each participant finishes before dark (6:00 p.m.)
8. If threatening weather happens **DURING** the race, the Race Director, and USA Cycling Officials will determine the safety of completing the duration remaining of the race – or calling for a race stop.

### Heat Conditions

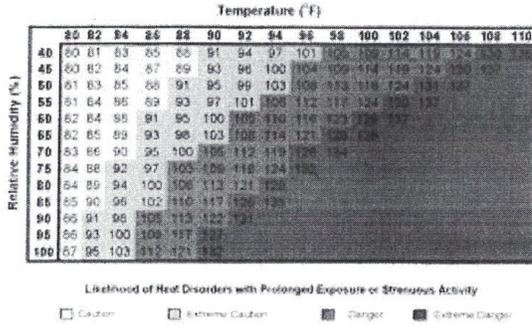
When weather conditions present a risk of heat -related incidents, the event will follow the below guidelines for event modification or cancellation. If forecast, Event management will determine hydration needs, and increase accordingly. Communication to event participants will be via social media channels, and e mail broadcast.

### Lightning and Severe Weather

Severe weather (classified as thunderstorms, tornado, hail, or monsoon/tropical rain) will be monitored on race day by Race Director (Jeff Frost) through various web-based weather sites, NOAA, Accuweather. *If lightning is determined within 0-8 miles of the event, permit/insurance requirements dictate the race must be delayed or cancelled. Lightning must be clear from the 8-mile range for a 20-minute period before the event may be continued.*

# WEATHER RELATED INCIDENTS

Exhibit 5 (Pg. 2 of 6) PEA1020  
 Life Time Fitness Bike Race  
 Coconino & Kaibab N.F.s  
 Weather Plan  
 September 9-11, 2014



Proposed EAS Level	Event Conditions	Recommended Actions	Wet Bulb Globe Temp
Extreme	Event Canceled - Extreme and Dangerous Conditions	Participation Stopped - Follow event officials instructions	WBGT > 82
High	Potentially Dangerous Conditions	Slow Down - Observe Course Changes - Follow Event Official Instructions - Consider Stopping	81 - 92
Moderate	Less than Ideal Conditions	Slow Down - Be Prepared for Worsening Conditions	78 - 83
Good	Good Conditions	Enjoy the Event - Be Alert	40-75

WBGT Reading	Risk of Heat Illness
<65°F	Low Risk of Heat Illness
65-73°F	Moderate Risk: Warn participants of risk of heat illness at 65°F WBGT and above; recommend unacclimated and non-resident participants slow pace
73-82°F	High Risk: Recommend slow pace and increased water intake for all participants; recommend voluntary withdrawal for unacclimated and non-resident participants
>82°F	Very High Risk: Recommend voluntary withdrawal from race for all participants and communicate need for increased water intake, amateur athletes will not compete
>90°F	Cancel Event

## Weather Operations Guide (Heat Considerations)

	Triathlon	Cycle Event	Run Event	Long Distance (Endurance)	Youth Event
<b>Temperate and Humid Regions</b> (MN, WI, IL, IN, MI, OH, TN, MO, KS, NE, NC, VA, MD, NJ, NY, GA, FL)					
Heat Index for temperatures within the caution area and below	Heat index of 100 and below	Heat index of 94 and below	Heat index of 87 and below	Heat index of 93 and below	Heat index of 93 and below
Event Modification Considerations	Heat index of 100-105 (WBGT >82°F) only Pro athletes allowed to compete. All precautions will be taken to ensure availability of water and emergency care as needed. Amateur athletes will not compete.	Heat index of 100-105 (WBGT >82°F)	Heat index of 95-102 (WBGT >82°F)	Heat index of 90-98 (WBGT >82°F)	Heat index of 93-98 (WBGT >82°F)
Heat index of 105 and above (WBGT >90°F)	Heat index of 105 and above (WBGT >90°F)	Heat index of 103 and above (WBGT >90°F)	Heat index of 98 and above (WBGT >90°F)	Heat index of 98 and above (WBGT >82°F)	Heat index of 98 and above (WBGT >82°F)
<b>Dry/Arid Regions</b> (AZ, UT, CO, OR, TX, NV, OK)					
Temperature of 99 degrees and below	Temperature of 97 degrees and below	Temperature of 97 degrees and below	Temperature of 98 degrees and below	Temperature of 92 degrees and below	Temperature of 92 degrees and below
Event Modification Considerations	Temperature of 100-105 degrees (WBGT >82°F), only Pro athletes will be allowed to compete. All precautions will be taken to ensure availability of water and emergency care as needed. Amateur athletes will not compete at this point.	Temperature of 98-104 degrees and below (WBGT >82°F)	Temperature of 98-104 degrees and below (WBGT >82°F)	Temperature of 99-103 degrees and below (WBGT >82°F)	Temperature of 93-99 degrees and below (WBGT >82°F)
Temperature of 105 degrees and above (WBGT >90°F)	Temperature of 105 degrees and above (WBGT >90°F)	Temperature of 105 degrees and above (WBGT >90°F)	Temperature of 104 degrees and above (WBGT >90°F)	Temperature of 100 degrees and above (WBGT >82°F)	Temperature of 100 degrees and above (WBGT >82°F)

## STOP AUTHORITY

### Overview

The Stop Event Authority will be the team of Race Director, USA Cycling Officials, and City/Park personnel. This team will be responsible for calling for the modification or cancellation of the race based on the conditions as they exist. Any condition that poses a safety, health, or public standing dilemma for the above, and/or participants, will be considered by the leadership team.

When should the Team meet? The Team will be pulled together in the start/finish area, for any weather-related impact, or major medical incident.

All considerations should be made with the ability to communicate effectively to participants regarding the cancellation/modifications of the event.

### Timelines

*One-week prior:* The Race Director in coordination with City/Parks personnel, will determine the physical condition of the venue, and course, that may pose a threat to the event. This is for long lasting resource impacts that may not be resolved prior to race day.

*Three days prior (Wednesday):* Race Director will discuss with City/Parks personnel, and USA Cycling Officials, on any potential threats to the event. Focusing on extended weather forecast for conditions that may pose a risk to the resource, participants, or staff.

*One-day prior (Friday):* The Race Director will communicate with the Team, in regards to race day forecast. Focusing on the PLAN in case of race modification or cancellation.

*Race Day (Saturday):* The Team will meet at 7:55 a.m. to discuss current conditions – and forecast updates. Race modifications will be considered at this time, including race cancellation, or duration changes.

## EVENT SPECIFIC PROTOCOL

### Delay of the Event

A situation may arise that warrants a delay of the event, such as weather or dangerous course conditions. The race will only be delayed PRIOR to the start at 7:55 a.m. Delay length will be determined by the conditions, and the scheduled duration of the races.

### Suspension of the Event

Suspension of the race may occur if dangerous conditions are presented during the race. Any decision regarding the suspension of the race will be made by the Race Director, and USA Cycling Officials, and City/Parks personnel. If dangerous conditions occur after 12:00 p.m. – all races will be cancelled.

### Cancellation of the Event

Cancellation of the races may occur if dangerous conditions are presented during the event. Any decision regarding the cancellation of the race will be made by the Race Director, and USA Cycling Officials, and City/Parks personnel.

### Resuming the Event

The Event may be resumed if delayed, once conditions have improved, **BUT safety/health is the priority**. At a pre-determined time – 12:00 p.m. - the event will be cancelled. If conditions have not improved by 12:00 p.m. – event will not resume

### Course Diversion/Modification

Current race course does allow for many modifications, any course changes will be made to protect participants and the resource.