

2011 US Open Wheelchair Tennis Competition Extreme Weather Policy *As defined in the 2011 ITF Wheelchair Tennis Handbook*

Extreme Weather Conditions

Extreme weather conditions shall be defined at such time that heat, as measured by a Heat Stress Monitor, meets or exceeds a heat stress index of 28 degrees Celsius/82 degrees Fahrenheit. If a Heat Stress Monitor is not available, extreme weather conditions are then defined by the danger zone which is equal to or above the apparent temperature of 90 degrees Fahrenheit, illustrated on the chart below. Heat stress is measured by Wet Bulb Global Temperature (WBGT) which is calculated as (0.7 Wet Bulb + 0.2 Global Temperature + 0.1 Dry Bulb = WBGT).

Apparent Temperature (what it is like)

Air Temperature (°F) °C =5/9 (°F - 32)

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

The Referee, Tournament Director and/or designee have the authority to determine if the Extreme Weather Condition Rule will go into effect during a Tournament. If it is so determined, a fifteen (15) minute break will be allowed (not including the time taken to reach and return from the place of rest on site) between the second and third sets. The Chair Umpire must accompany the player to and from the place of rest on site. There may also be a delay in the starting time of the matches scheduled for play that day.

When possible, this decision to delay the start of matches due to Extreme Weather Conditions should be made prior to the scheduled start of play. In addition, the Referee may suspend play due to weather conditions.

Measurement and Monitoring of Weather Conditions

The Referee, Tournament Director and/or designee will monitor weather conditions by taking measurements a minimum of three (3) times and a maximum of five (5) times during the day. The readings will be determined prior to the start of play and will be posted in the Supervisor's office.

The minimum of three readings will be taken:

- (1) ½ hour before match play begins for the day;
- (2) middle of the scheduled day;
- (3) prior to beginning of the last match of the day or prior to the start of the first night session match.

Implementation of the Rule

In the event that during the day there is a change in weather conditions as determined by this periodic monitoring, the Extreme Weather Condition Rule can be put into effect at any time on all courts, excluding matches already in progress. If there is a sudden change in weather conditions and the Rule is lifted, those matches already in progress will continue under the Extreme Weather Condition Rule. In the case of rain or

interruption to play, the Referee, Tournament Director and/or designee can reassess the Extreme Weather Condition Rule.

Conditions of the 15-Minute Break

If it is a mutual agreement between the players not to take a fifteen (15) minute break, then play will continue. However, if requested by one player, the official fifteen minute break will be taken. During the fifteen minute break, no coaching or treatment will be allowed. However, a player will be allowed to receive an adjustment of medical support, medical equipment and/or advice from the Referee, Tournament Director and/or designee. Following the fifteen (15) minute break, no re-warm-up will be allowed. This rule applies in addition to the two (2) bathroom and/or change of attire breaks allowed during the match. A player may not take a 15-minute break and a medical time out consecutively.

Penalties

After completion of the Extreme Weather Conditions fifteen (15) minute break between the 2nd and 3rd sets, any delay in returning to the court shall subject a player to Time Violations.

Quad Heat Rule

Tournaments must provide shade and ice buckets on court for quad players. A player can be assisted by their coach to spray water over their face. In very hot climates it is advised that matches are scheduled in the morning and late afternoon/evening.