

## Heat Countermeasures

### 1 Test Events for Trial Verification

Sports	Date	Venue (subject to change)
Beach Volleyball	24 (Wed.) – 28 (Sun.) July	Shiokaze Park
Rowing	7 (Wed.) – 11 (Sun.) Aug.	Sea Forest Waterway
Triathlon	15 (Thu.) – 18 (Sun.) Aug.	Odaiba Marine Park
Hockey	17 (Sat.) – 21 (Wed.) Aug.	Oi Hockey Stadium
Marathon	15 (Sun.) Sep.	Shiba Park, Kyoritsu Women's University

### 2 Type of Verification

We plan to conduct measurements using the wet bulb globe temperature in countermeasure locations equipped with tents and misting devices while taking surveys of users who are utilizing rest areas and various cooling goods.

### 3 Future Plans

Going forward, based on the verification results of the test events, we will arrange heat countermeasures both at the 'last-mile' to the venues and the roadside areas of on-the-road sports events for the Tokyo 2020 Games.

### 4 Countermeasure Summary

(Note) The items listed below are under consideration, and may be changed depending on future conditions.

Sport	Event	Organiser
Beach Volleyball	FIVB Beach Volleyball World Tour 2019 4-star Tokyo	Fédération Internationale de Volleyball (FIVB)

#### Hardware Countermeasures

- ◆ Rest areas
  - Circus-type tent (strong light / heat blocking sheets)
  - Electric fans, water dispensers
- ◆ Large-scale misting tower (ultra-fine mist)

#### Software Countermeasures

- ◆ Folding fans
- ◆ Cool muffler towels
- ◆ Instant cooling packs

Sport	Event	Organiser
Rowing	2019 World Rowing Junior Championships	World Rowing Federation

#### Hardware Countermeasures

- ◆ Rest areas
  - Large tent (strong light / heat blocking sheet)
- ◆ Ultra-fine mist
- ◆ Sprinkler tubes

#### Software Countermeasures

- ◆ Paper hats
- ◆ Instant cooling packs

Sport	Event	Organiser
Triathlon	2019 Tokyo ITU World Olympic Qualification Event and others (Paratriathlon also held)	2019 ITU Olympic Qualification Event Tokyo Organizing Committee (Tentative)

Hardware Countermeasures

- ◆ Rest areas
  - Sun-blocking sheets
  - Water dispensers
- ◆ Combined large-scale / small-scale misting

Software Countermeasures

- ◆ Round paper fans
- ◆ Cooling handkerchiefs
- ◆ "Fan files" (Folders that can also be used like round fans)

Sport	Event	Organiser
Hockey	READY STEADY TOKYO - Hockey	Tokyo 2020 Organising Committee

Hardware Countermeasures

- ◆ Rest areas
- ◆ Temporary planter units (with bench, mist)
- ◆ Ultra-fine mist
- ◆ Sprinkler tubes

Software Countermeasures

- ◆ Ice bags
- ◆ Sun visors

Sport	Event	Organiser
Marathon	Marathon Grand Championship	Japan Association of Athletics Federations

Hardware Countermeasures

- ◆ Rest areas
  - Spot coolers
  - Water dispensers
- ◆ Ultra-fine mist

Software Countermeasures

- ◆ Hand-powered fans
- ◆ Neck coolers
- ◆ Crushed ice