

The views of the Tokyo Metropolitan
Government concerning the plan to
change the Tokyo 2020 Games
marathon and race walk venues

October 2019

Tokyo Metropolitan Government

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(Comparison of temperatures, Comparison of WBGT, Examples of places with much shade, Opinion of the Tokyo Medical Association)

Background

- This is a unilateral proposal, with no prior talks with the host city.
- The process leading to the decision has not been clarified.

- Sept. 27 - Oct. 6 17th IAAF World Athletics Championships, Doha 2019
Marathon: Men Oct. 5 Women Sept. 27 → Approx. 40% dropped out from the heat
Race walk 50km: Men Sept. 28, Women Sept. 28
Race walk 20km: Men Oct. 4, Women Sept. 29
- Oct. 15 Organising Committee contacts the Tokyo Government
- Oct. 16 IOC press release on Plans to Move Olympic Marathon and Race Walking to Sapporo IOC
- Oct. 23 Request made to IOC for materials
- Oct. 25 Meeting between Governor and Mr. Coates, etc.
- Oct. 30 IOC Coordination Commission meeting
- Nov. 1

Possibility of Holding the Marathon in Tokyo

There is room for further countermeasures such as moving up the start time.

★Tokyo 2020 Women's Marathon (August 2)

┌ Doha's temperatures: 23:55 **32.9°C** ⇒ 3:00 **31.3°C**

┌ Tokyo's temperatures: 6:00 **25.6 °C** ⇒ 8:00 **28.1°C**

┌ Doha's WBGT: 23:55 **29.8°C** ⇒ 3:00 **29.2°C**

┌ Tokyo's WBGT: 6:00 **25.0 °C** ⇒ 8:00 **27.5°C**

Source

Doha figures: IOC materials

Tokyo's temperatures: Japan Meteorological Agency website
(Average temperatures over the past 5 years)

Tokyo's WBGT: Ministry of the Environment website
(Average WBGT over the past 5 years)

• If the start is moved up to 5:00, WBGT will become lower than Doha.

★ [Move up 1 hour] Tokyo: 5:00 **24.6°C** ⇒ 7:00 **25.9°C**

Opinion of the Tokyo
Medical Association

*Completion of the event when the WBGT does not exceed 31°C

*Start the event prior to 5:00 a.m.

Points

Need to address challenges that will arise from holding this early in the morning, such as transportation of operation staff, volunteers, and spectators.

Possibility of Holding the Race Walk in Tokyo

There is room for further countermeasures such as changing the course to one with more shade or installing some sort of sunshade.

★Tokyo 2020 Men's Race Walk 50km (August 8)

┌ Doha's temperatures: 23:32 **32.0°C** ⇒ 3:30 **30.3°C**

└ Tokyo's temperatures: 5:00 **25.7°C** ⇒ 9:00 **27.3°C**

┌ Doha's WBGT: 23:32 **29.1°C** ⇒ 3:30 **28.2°C**

└ Tokyo's WBGT: 5:00 **24.2°C** ⇒ 9:00 **26.3°C**

Source

Doha figures: IOC materials

Tokyo's temperatures: Japan Meteorological Agency website
(Average temperatures over the past 5 years)

Tokyo's WBGT: Ministry of the Environment website
(Average WBGT over the past 5 years)

• There are many mid to high-rise buildings along roads in Tokyo. Therefore, it is possible to study the possibility of a **straight course with a lot of shade** in places. It is also possible to **set up some sort of shade** through coordination with OBS and others.

Opinion of the Tokyo
Medical Association

*Need to reconsider the current course which has no shade

*Need to set up awnings along the course to protect people from heat stroke

Points

In determining a course with more shade, operations space and traffic restrictions need to be considered. Installation of shade requires coordination with OBS and others.

Heat Countermeasures

- Many measures have been taken up to now under the guidance of the IOC
- Public expenditure has been already invested

In January this year, the Tokyo government set up an organization dedicated to heat countermeasures. In addition, using five test events that were held from July through September, heat countermeasures taken from both hard and soft approaches were tested and verified.

<Hard measures>

- Heat blocking pavement, securing green shade by pruning trees.
- Establishment of resting areas (tents, water servers, etc.), first aid centers, ultra-fine mist sprayers, water sprinkling tubes, at the test events venues.

< Soft measures >

- Distribution of neck coolers, hand fans, etc. at the test events.
- Verification of the proper activity hours of City Cast volunteers.

Comments from Tokyo Citizens Who Want the Events Held in Tokyo

- The IOC should consider to opinion of the residents and children who dreamed of having the events held in their community, and local municipalities and other entities that worked hard to support the Games.

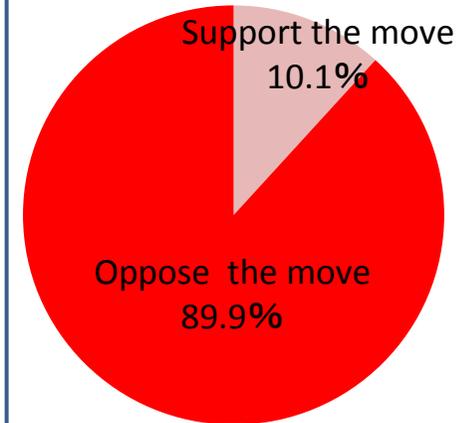
Opinion of Local Municipalities

- We are so surprised and angry. The events should be held in Tokyo.
- Since holding the Games in the summer was a prerequisite, why is the IOC saying this now?
- There are measures that can be done for Tokyo, including holding the events late at night. A discussion needs to be held based on objective data.
- The Marathon Grand Championship created a great deal of excitement. Our community will lose that excitement if the venue is moved.
- Working with local communication groups, companies, and many others, we have been making every effort to cooperate up to now.
- Circumstances created by adults will rob the dreams of children who were looking forward to the events.
- We will lose a prime opportunity to showcase our neighborhood to the world.

Opinions submitted to the TMG and survey of Tokyo citizens

Opinions Submitted to the TMG

- As of October 28, 1281 comments have been submitted to the TMG.
- Of these, 825 were related to whether they supported or opposed the venue move, with **about 90% (742 comments)** opposing the move.
- Examples of reasons for opposing the move:
 - The athletes would surely prefer that the finish line be at the new national stadium (in Tokyo).
 - I want to see the marathon in Tokyo.
 - The start time should be moved up.
 - Tokyo's tax money and the test events held will be a waste.
 - And more.



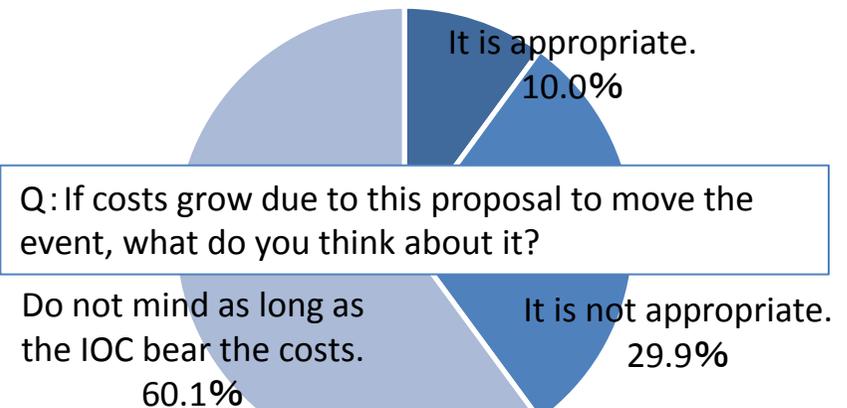
Tokyo Citizen Survey

- The TMG conducted an online survey (October 22-23, 2019) of Tokyo residents 20 years of age and older.
- Specifically, harsh opinions were received regarding the appropriateness of the decision making process and whether or not the move is appropriate if costs grow.



Q: Do you think that the process concerning relocation of the venue was conducted properly?

Not conducted properly.
76%



Q: If costs grow due to this proposal to move the event, what do you think about it?

Do not mind as long as the IOC bear the costs.
60.1%

It is not appropriate.
29.9%

Moving the Venue

- In the Host City Contract, the location of event venues is based on proposals from the host city and NOC.
- Changes must be agreed upon by IF and the IOC. Tokyo has advanced coordination between these parties thus far. ⇒ **This proposal is extremely unusual.**

Examples of previous changes related to the race walk venue

- January 7, 2013 Submission of the Candidature File to the IOC.
(Course around Olympic Stadium/Aoyama-dori Avenue)
- Around October 2016 Points were made by NF regarding the course roads and distance. Following consultations with IF, the Organising Committee and the TMG reviewed the course.
- May 2017 An IF visit was conducted in May. Following discussions, the IF approved changing the venue to around the Imperial Palace Outer Gardens.
- February 3, 2018 The Organising Committee submitted the changes to a meeting of the IOC Executive Board and the race walk venue changes were approved.
- May 31, 2018 Race walk course finalized ⇒ Course announced

Procedures for changing the venue

- Article 35 of the Host City Contract
The location of Olympic venues proposed by the host city and NOC when applying to host the Games cannot be changed without advance approval in writing by the IOC.

Financial Burden Issue

- The overall framework has been decided and we cannot allow the cost of hosting the Games to further increase.
- Tokyo will not bear the burden of the costs generated by changing the event location.

<Games expenses> 1.35 trillion yen

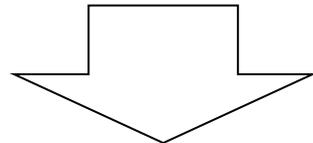
TMG 600 billion yen	Organising Committee 600 billion yen	National government 150 Billion yen
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<Games-related expenses>

TMG 810 billion yen

Overall costs of the marathon and race walking events about 5 billion yen

In addition to heat countermeasures, the host city also implements tangible measures, such as road improvements, barrier-free improvements, and measures for tourism and safety and security, etc.



Holding the events in Sapporo could result in 10-30 billion yen in additional costs

Reference material

Comparison of temperatures 【Marathon】

Women Marathon

Competition schedule 6:00–9:15 on August 2

Average temperatures over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	26.3	26.3	25.9	25.8	25.6	25.6	26.5	28.1	29.0	29.5	30.2	30.7	31.4	31.3	30.6	30.2	29.4	28.6	27.9	27.8	27.1	27.0	26.7	25.9

*Doha World Championships 2019 (September 27): Start time 23:55 32.9°C, Finish time 3:00 31.3°C

Men Marathon

Competition schedule 6:00–8:45 on August 9

Average temperatures over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	26.3	26.4	26.2	26.1	26.1	26.4	27.3	28.7	30.1	31.7	32.4	33.0	33.6	33.9	33.2	32.4	31.5	30.8	29.7	29.2	28.7	28.3	27.9	27.5

*Doha World Championships 2019 (October 5): Start time 23:55 30.2°C, Finish time 2:45 29.1°C

Sources: Japan Meteorological Agency (Temperatures of Tokyo)
IOC document (Temperatures of Doha)

Comparison of WBGT 【Marathon】

Women Marathon

Competition schedule 6:00–9:15 on August 2

Average WBGT over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	25.3	25.3	25.0	24.9	24.6	25.0	25.9	27.5	28.3	28.5	29.0	29.2	30.0	29.6	28.7	28.2	27.1	26.3	25.6	25.0	24.6	24.7	24.5	24.3

*Doha World Championships 2019 (September 27): Start time 23:55 29.8°C, Finish time 3:00 29.2°C

Men Marathon

Competition schedule 6:00–8:45 on August 9

Average WBGT over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	24.6	24.7	24.6	24.3	24.3	24.9	26.5	27.6	28.1	29.0	29.6	30.5	30.9	30.3	29.9	28.3	27.5	26.3	25.7	25.8	25.9	25.6	25.4	25.4

*Doha World Championships 2019 (October 5): Start time 23:55 24.2°C, Finish time 2:45 23.1°C

Sources: Ministry of the Environment (WBGT of Tokyo)
IOC document (WBGT of Doha)

Comparison of temperatures 【Race Walk】

Men 20km

Competition schedule 6:00–7:35 on July 31

Average temperatures over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	26.3	25.9	25.4	25.4	25.2	26.0	27.4	28.3	29.3	30.1	31.4	31.8	32.2	32.6	32.6	32.0	31.3	30.2	29.1	28.3	27.9	27.5	27.2	26.9

*Doha World Championships 2019 (October 4): Start time 23:30 32.9°C, Finish time 1:15 32.4°C

Women 20km

Competition schedule 6:00–7:45 on August 7

Average temperatures over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	26.8	26.2	25.9	25.6	25.6	26.3	27.0	28.3	28.9	30.1	31.0	31.4	31.6	31.3	31.6	30.5	29.6	29.1	28.1	27.3	27.0	26.9	26.6	26.4

*Doha World Championships 2019 (September 29): Start time 0:00 32.6°C, Finish time 1:30 31.0°C

Men 50km

Competition schedule 5:30–10:00 on August 8

Average temperatures over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	26.3	26.1	25.9	25.8	25.7	26.0	26.6	26.6	27.3	28.0	29.5	30.1	30.8	30.9	30.3	29.9	29.7	28.8	27.8	27.6	27.2	26.8	26.6	26.2

*Doha World Championships 2019 (September 28): Start time 23:32 32.0°C, Finish time 3:30 30.3°C

Comparison of WBGT 【Race Walk】

Men 20km

Competition schedule 6:00–7:35 on July 31

Average WBGT over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	24.7	24.6	24.6	24.6	24.4	25.4	27.7	28.8	29.4	29.7	29.7	29.7	30.7	30.7	30.3	30.0	28.2	27.1	26.1	26.0	25.8	25.8	25.8	25.7

*Doha World Championships 2019 (October 4): Start time 23:30 30.5°C, Finish time 1:15 30.5°C

Women 20km

Competition schedule 6:00–7:45 on August 7

Average WBGT over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	25.0	24.5	24.3	24.2	24.1	24.9	26.5	28.1	28.3	28.9	29.5	29.3	29.3	28.8	28.8	27.4	26.5	26.1	25.5	25.3	25.2	25.0	24.9	24.7

*Doha World Championships 2019 (September 29): Start time 0:00 29.4°C, Finish time 1:30 28.8°C

Men 50km

Competition schedule 5:30–10:00 on August 8

Average WBGT over the past 5 years

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Tokyo	24.6	24.4	24.3	24.3	24.2	24.8	25.7	25.9	26.3	27.4	28.2	28.7	29.4	28.6	28.4	27.8	26.9	26.1	25.6	25.4	25.1	25.0	24.9	24.6

*Doha World Championships 2019 (September 28): Start time 23:32 29.1°C, Finish time 3:30 28.2°C

Examples of Places with Much Shade 【Race Walk】

The shade map (marathon course) gives examples of straight paths where there is much shade: 1) area around Zojoji Temple, 2) area around Kuramae, and 3) area near the Imperial Palace Outer Gardens.

- ① Near Zojoji Temple (Shibakoen Stn – Shiba Post Office)
Hibiya-dori Ave: about a 2km circuit】



- ② Near Kuramae (Kuramae Stn – Komagatabashi West Intersection)
【Edo-dori Ave: about a 1.5 km circuit】



Examples of Places with Much Shade 【Race Walk】

- ③ Near the Imperial Palace Outer Gardens
(Near Otemachi Stn – Hibiya Stn)

[Hibiya-dori Ave: About a 2km circuit]



Supplemental material (①)The vicinity of Zojoji Temple

- At 5:00 a.m., most of the course (red line) is in the shade.
- At 8:00 a.m., one side of the street is in the sun.

The image of the course between 5:00 and 6:00



The image of the course between 8:00 and 9:00



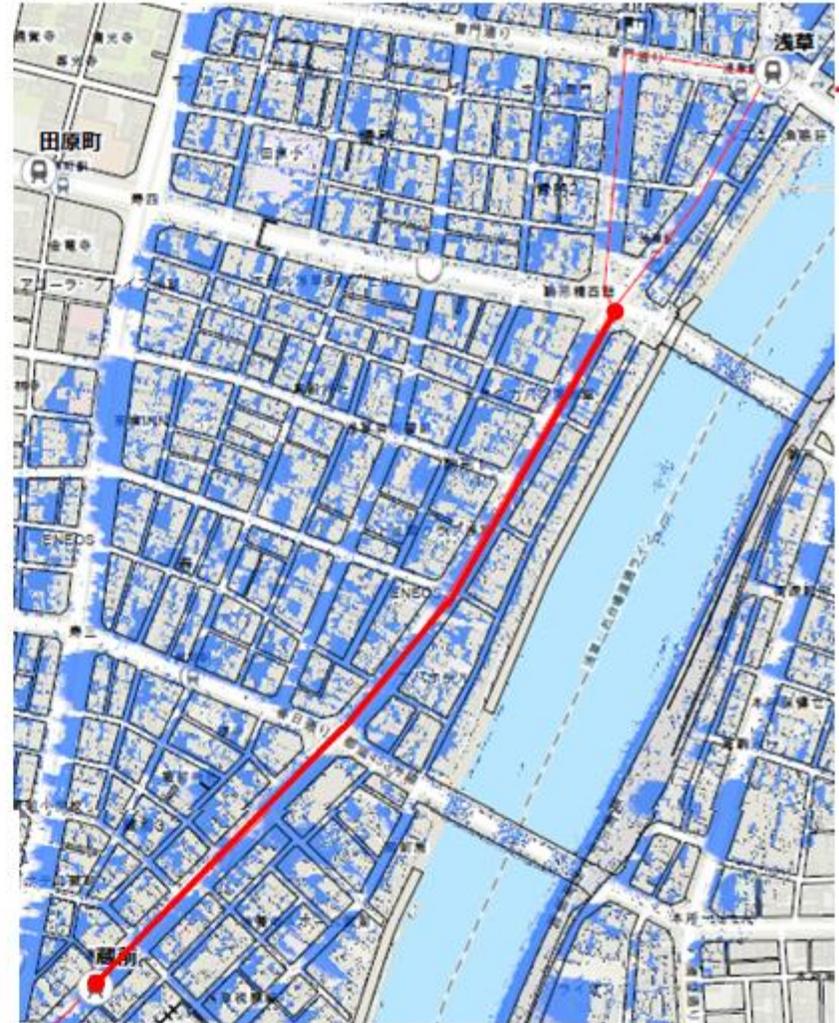
Supplemental material (②The vicinity of Kuramae)

- At 5:00 a.m., most of the course (red line) is in the shade.
- At 8:00 a.m., intersections, etc. are in the sun.

The image of the course between 5:00 and 6:00



The image of the course between 8:00 and 9:00



Supplemental material

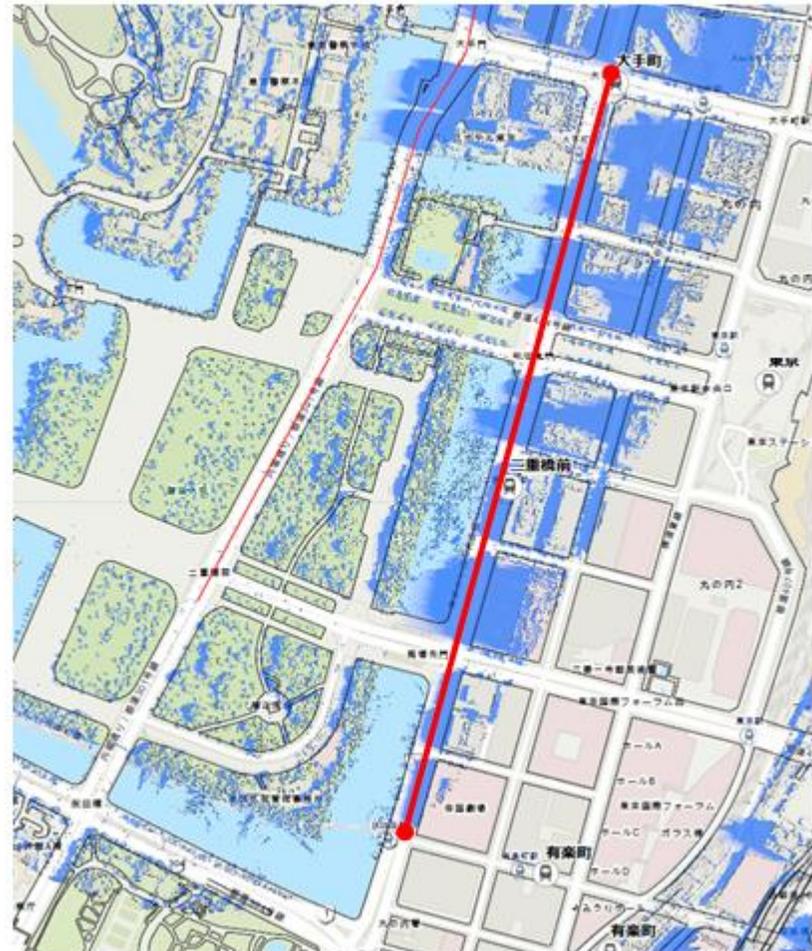
(③ In the Imperial Palace's Outer Garden area)

- At 5:00 a.m., most of the course (red line) is in the shade.
- At 8:00 a.m., intersections, etc. are in the sun.

The image of the course between 5:00 and 6:00



The image of the course between 8:00 and 9:00



Opinion of the Tokyo Medical Association (excerpt)

(Oct. 28)

- If the matter is narrowed down to the risk of heatstroke alone, we believe that it would be recommendable to hold the event in Sapporo. Of course, an attractive race course unique to an Olympic Games held in Tokyo that passes through the famous sights of the city is very important. Measures in areas other than heatstroke, including for ambulance and emergency services, disaster management, and counter-terrorism, are also extremely crucial. The Tokyo Medical Association has experience advancing preparations over the past several years in consultation with those related to ambulance and emergency services, the Tokyo Fire Department, and Metropolitan Police Department. If Sapporo can now firmly prepare such a system for readiness, then we will not oppose Sapporo hosting the events. If these comprehensive measures cannot be implemented in time, however, while continuing efforts for heat countermeasures as much as possible, we believe that all efforts should be devoted to Tokyo hosting the event.

Opinion of the Tokyo Medical Association (excerpt)

(Oct. 28)

- Of these efforts, to avoid the great danger posed by heatstroke, we would like to again request that the marathon start time be set earlier than 5:00 a.m. so that the event finishes during a time of day when the WGBT does not exceed 31. With regard to race walking, we would like to request that the current course with absolutely no shade be reconsidered to thoroughly protect the athletes, race officials, staff and spectators from heatstroke, including reexamination of measures such as changing the course or placing awnings over the entire course.