

Relocation of the Tokyo Surface Observation Site

(released in November 2014)

Tokyo Surface Observation Site

- The Tokyo surface observation site (WMO Station Index Number 47662) is located in the area of JMA's HQ at Otemachi in Tokyo's Chiyoda Ward. The Tokyo site has been relocated three times in the past since it entered service in 1875.

Relocation Plan

- The relocation of the Tokyo site is scheduled to take place on 2 December 2014. The new site will be in the Kitanomaru Garden at the northern part of the Imperial Palace.
 - The site is used to monitor surface meteorological parameters such as temperature, relative humidity, pressure, precipitation and snow depth. Elements such as wind and sunshine duration have been monitored since 2007 from the top of the Science Museum building, which is also located in the Kitanomaru Garden.
 - Simultaneous observation experiments at the new site have been performed since August 2011 to evaluate its characteristics.

Characteristics of the New Site

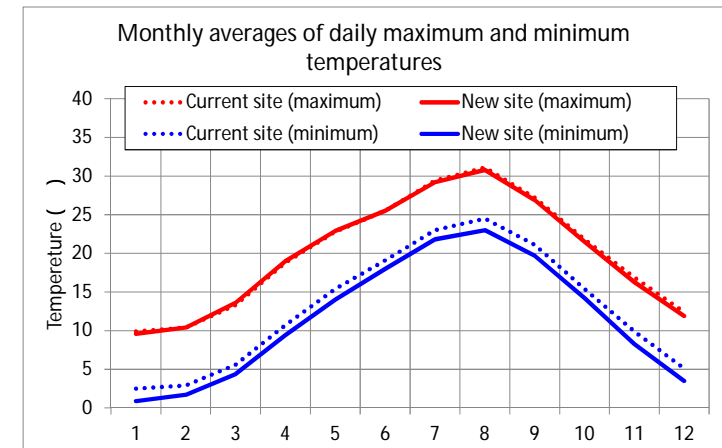
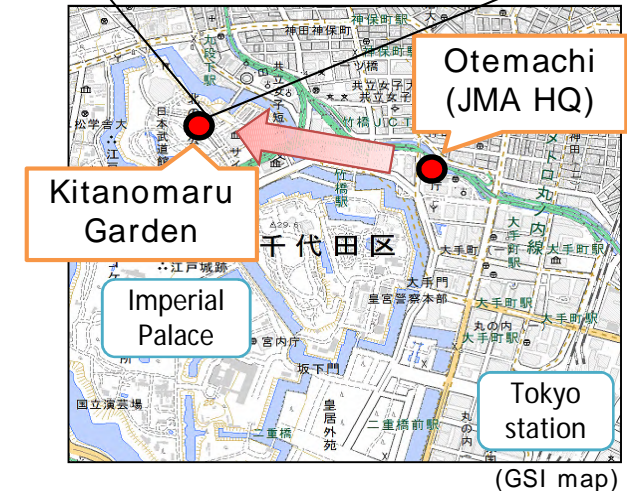
- Maximum temperatures at the new site are generally the same as those at the current site.
- Minimum temperatures are lower.
 - The annual average minimum temperatures is 1.4°C lower.
 - Simultaneous observation shows a reduction in the number of nights with temperatures above 25°C from 39 to 22 in summer 2013. The number of days with temperatures below 0°C increased from 6 to 21 in the winter of 2013/14.
- The climate normals for Tokyo will be updated using the results of simultaneous observation.

< Weather Observation at Tokyo >

http://www.jma.go.jp/en/amedas_h/today-44132.html?areaCode=000&groupCode=30



The new Tokyo observation site



Comparison of monthly average maximum (red) and minimum (blue) temperatures between the new (solid) and current (dots) sites.