

Take Action for Climate Change!

1st Activity ---Reading the passage---

Record heat in August, June-August

The globally averaged temperature over land and ocean surfaces for August 2014 was the highest for August since record keeping began, largely driven by record sea surface temperatures, according to the U.S. National Oceanic and Atmospheric Administration (NOAA). June-August 2014 was also the hottest such period on record.

The combined average temperature over global land and ocean surfaces for June-August was the highest on record for this period, at 0.71°C (1.28°F) above the 20th century average of 16.4°C (61.5°F), according to NOAA.

NOAA said the combined average temperature over global land and ocean surfaces for August 2014 was the record highest for the month, at 16.35°C (61.45°F) or 0.75°C (1.35°F) above the 20th century average of 15.6°C (60.1°F). This temperature beat the previous record set in 1998 by 0.04°C (0.07°F).

It also marked the 38th consecutive August with a global temperature above the 20th century average. The last below-average global temperature for August occurred in 1976, according to NOAA scientists.

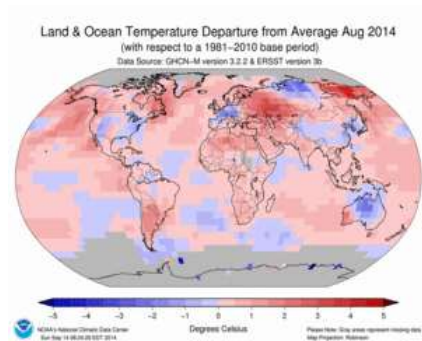
The Tokyo Climate Center, which is a WMO Regional Climate Centre, also reported that August was the hottest on record. Monthly mean temperatures were extremely high from western Alaska to Eastern Siberia, as well as the western coast of the USA and Mexico. Monthly precipitation amounts were extremely heavy from Western Japan to southern China, it said.

WMO uses a combination of datasets to compile its annual Statement on the Status of the Global Climate. It will issue its provisional statement for 2014 in November.

--- World Meteorological Organization Homepage

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- 1) Describe the globally averaged temperature in August 2014.
- 2) How high was the combined average temperature in June-August 2014?
- 3) How high was the combined average temperature in August 2014?
- 4) What did Tokyo Climate Center report on monthly temperatures and precipitation in August 2014?



2nd Activity ---Exchanging the information---

Worksheet ()

Worksheet ()

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3rd Activity ---Discussion---

Theme: _____