

2010 - Quick Climate Change Facts

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Global

- Natural Catastrophes - the number of extreme weather events such as windstorms and floods had tripled since 1980.¹
- Globally 2010 is one of the warmest years on record.²
- Eighteen countries broke their records for the hottest day ever in 2010.³
- Five days in Moscow topped 100°F (38°C), a barrier that had never been crossed.³
- For 2010, the combined global land and ocean surface temperature tied with 2005 as the warmest such period on record, at 0.62°C above the 20th century average of 13.9°C.⁴
- The 2010 Northern Hemisphere combined global land and ocean surface temperature was the warmest year on record, at 0.73°C above the 20th century average. The 2010 Southern Hemisphere combined global land and ocean surface temperature was the sixth warmest year on record, at 0.51°C above the 20th century average.⁴
- The global land surface temperature for 2010 tied with 2005 as the second warmest on record, at 0.96°C above the 20th century average.⁴
- The global ocean surface temperature for 2010 tied with 2005 as the third warmest on record, at 0.49°C above the 20th century average.⁴
- Canada's climate regions all had their warmest winter on record.⁴
- Los Angeles, California had its highest ever recorded temperature at 45°C .⁴
- The warmest temperature ever recorded in Pakistan at 53°C.⁴

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Australia

Australia's warmest 10 years on record.²

- Wettest on record "dry season" in the north.²
- Warmest value on record for sea surface temperatures near Australia.²
- SouthWest WA - Driest year on record.²
- Australia experienced its warmest summer on record, with average temperatures 0.2°C higher than the previous record set during the summer of 1997/98.⁴

1. Munich Re - SMH <http://www.smh.com.au/national/believe-it-or-not-climate-debate-heats-up-20101231-19c0d.html>
2. BOM - http://www.bom.gov.au/announcements/media_releases/climate/change/20110105.shtml
3. SMH <http://www.smh.com.au/national/believe-it-or-not-climate-debate-heats-up-20101231-19c0d.html>
4. NOAA - U.S. Government <http://www.ncdc.noaa.gov/sotc/global/2010/13>