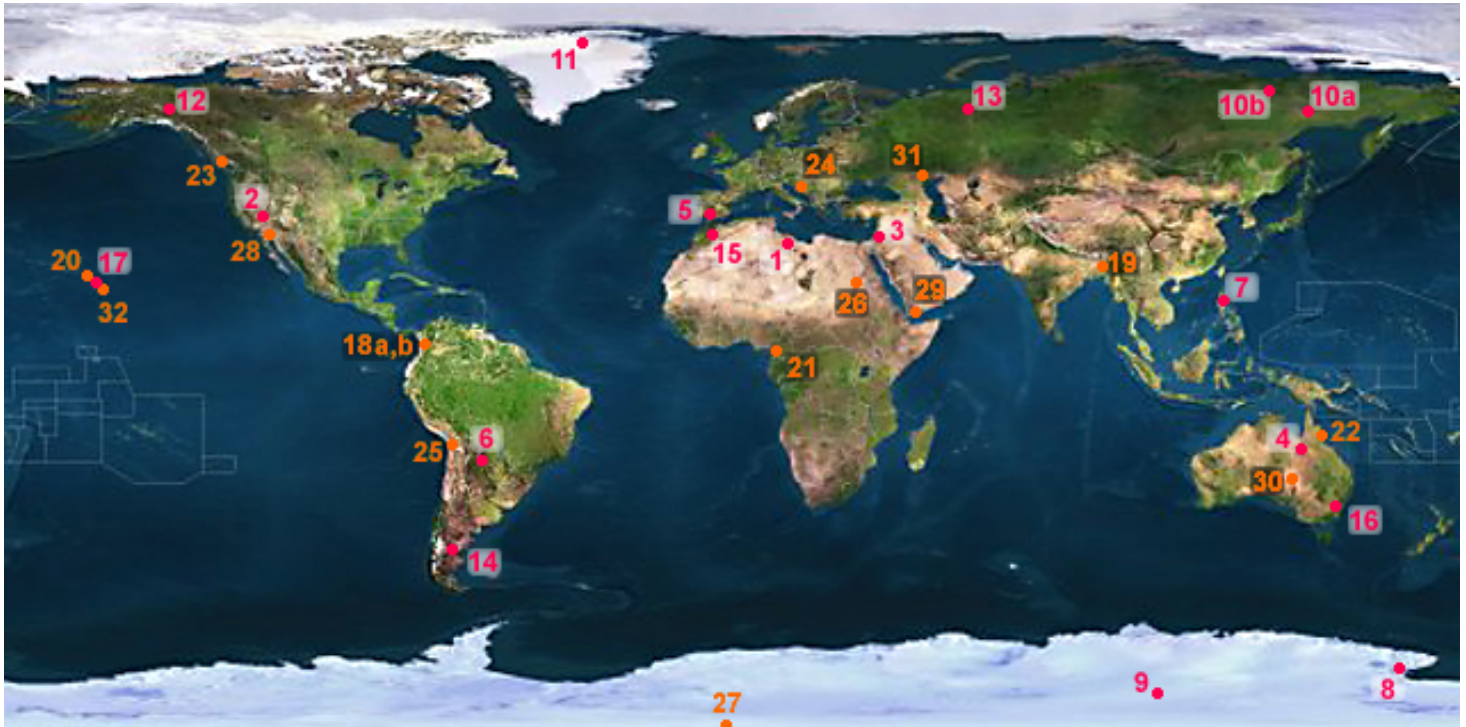


Global Measured Extremes of Temperature and Precipitation



Temperature Extremes shown in **RED**

Precipitation Extremes shown in **ORANGE**

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Highest Temperature Extremes

Locator #	Continent	Highest Temp. (deg F)	Place	Elevation (Feet)	Date
1	Africa	136	El Azizia, Libya	367	13 Sep 1922
2	North America	134	Death Valley, CA (Greenland Ranch)	-178	10 Jul 1913
3	Asia	129	Tirat Tsvi, Israel	-722	21 Jun 1942
4	Australia	128	Cloncurry, Queensland	622	16 Jan 1889
5	Europe	122	Seville, Spain	26	4 Aug 1881
6	South America	120	Rivadavia, Argentina	676	11 Dec 1905
7	Oceania	108	Tuguegarao, Philippines	72	29 Apr 1912
8	Antarctica	59	Vanda Station, Scott Coast	49	5 Jan 1974



Lowest Temperature Extremes

<i>Locator #</i>	<i>Continent</i>	<i>Lowest Temp. (deg F)</i>	<i>Place</i>	<i>Elevation (Feet)</i>	<i>Date</i>
9	Antarctica	-129	Vostok	11220	21 Jul 1983
10a	Asia	-90	Oimekon, Russia	2625	6 Feb 1933
10b	Asia	-90	Verkhoyansk, Russia	350	7 Feb 1892
11	Greenland	-87	Northice	7687	9 Jan 1954
12	North America	-81.4	Snag, Yukon, Canada	2120	3 Feb 1947
13	Europe	-67	Ust'Shchugor, Russia	279	January @
14	South America	-27	Sarmiento, Argentina	879	1 Jun 1907
15	Africa	-11	Ifrane, Morocco	5364	11 Feb 1935
16	Australia	-9.4	Charlotte Pass, NSW	5758	29 Jun 1994
17	Oceania	14	Haleakala Summit, Maui, HI	9750	2 Jan 1961

@ Exact date unknown, lowest in 15-year period



Highest Average Annual Precipitation Extremes

<i>Locator #</i>	<i>Continent</i>	<i>Highest Avg. (Inches)</i>	<i>Place</i>	<i>Elevation (Feet)</i>	<i>Years of Record</i>
18a	South America	523.6 ! ^	Lloro, Colombia	520 *	29
19	Asia	467.4 !	Mawsynram, India	4597	38
20	Oceania	460.0 !	Mt. Waialeale, Kauai, HI	5148	30
21	Africa	405.0	Debundscha, Cameroon	30	32
18b	South America	354.0 ^	Quibdo, Colombia	120	16
22	Australia	340.0	Bellenden Ker, Queensland	5102	9
23	North America	256.0	Henderson Lake, British Columbia	12	14
24	Europe	183.0	Crkvica, Bosnia-Hercegovina	3337	22

!The value given is continent's highest and possibly the world's depending on measurement practices, procedures and period of record variations.

^The official greatest average annual precipitation for South America is 354 inches at Quibdo, Colombia. The 523.6 inches average at Lloro, Colombia [14 miles SE and at a higher elevation than Quibdo] is an estimated amount.

* Approximate elevation



Lowest Average Annual Precipitation Extremes

<i>Locator #</i>	<i>Continent</i>	<i>Lowest Avg. (Inches)</i>	<i>Place</i>	<i>Elevation (Feet)</i>	<i>Years of Record</i>
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25	South America	0.03	Arica, Chile	95	59
26	Africa	<0.1	Wadi Halfa, Sudan	410	39
27	Antarctica	0.8 ~	Amundsen-Scott South Pole Station	9186	10
28	North America	1.2	Batagues, Mexico	16	14
29	Asia	1.8	Aden, Yemen	22	50
30	Australia	4.05	Mulka (Troudaninna), South Australia	160 *	42
31	Europe	6.4	Astrakhan, Russia	45	25
32	Oceania	8.93	Puako, Hawaii, HI	5	13

~ The value given is the average amount of solid snow accumulating in one year as indicated by snow markers. The liquid content of the snow is undetermined.

* Approximate elevation



Notes & Additional Resources

Many of the extremes in this report came from two sources. The first, "Climates of the World", is an NCDC publication that lists global average temperature and precipitation information for particular locations, with highlighted global extremes. The publication is available for purchase as an offline product (see [NCDC Contact Information](#)). The second publication is the updated "Weather and Climate Extremes" (TEC-0099) published by the US Army Corp of Engineers. The report lists global extremes for various climatological parameters and presents global map inserts as well. The publication can be purchased from the [National Technical Information Service](#).

- [NCDC Climate Change and Weather Extremes](#)
- [USA Today National High/Low Temperature Database](#)
- [NCDC Online Climate Data](#)



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<http://www.ncdc.noaa.gov/oa/climate/globalextremes.html>

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