

## Enrichment Activity 3



### Global Weather Extremes

**DIRECTIONS:** The National Climatic Data Center (NCDC) tracks weather extremes around the world. The chart below shows record high and low temperatures by continent, country, and locality. Study the chart, and answer the following questions.

Continent	Highest Temperature Recorded	Location	Lowest Temperature Recorded	Location
North America	134°F (57°C) July 10, 1913	Death Valley, CA United States	-81.4°F (-63°C) February 3, 1947	Snag, Yukon, Canada
South America	120°F (49°C) December 11, 1905	Rivadavia, Argentina	-27°F (-33°C) June 1, 1907	Sarmiento, Argentina
Europe	122°F (50°C) August 4, 1881	Seville, Spain	-67°F (-55°C) <i>exact date unknown</i>	Ust'Shchugor, Russia
Africa	136°F (58°C) September 13, 1922	El Azizia, Libya	-11°F (-24°C) February 11, 1935	Ifrane, Morocco
Asia	129°F (54°C) June 21, 1942	Tirat Tsvi, Israel	-90°F (-68°C) February 7, 1892	Verkhoyansk, Russia*
Australia	128°F (53°C) January 16, 1889	Cloncurry, Queensland	-9.4°F (-13°C) June 29, 1994	Charlotte Pass, New South Wales
Antarctica	59°F (15°C) January 5, 1974	Vanda Station	-129°F (-89°C) July 21, 1983	Vostok

\* -90°F (-68°C) also recorded at Oimekon, Russia, on February 6, 1933

- At what place and on which continent was the coldest temperature recorded?  
\_\_\_\_\_
- Where and when did the temperature reach -9.4°F (-13°C), a record low for Australia?  
\_\_\_\_\_
- What is the difference between the highest and lowest recorded temperatures on Earth?  
\_\_\_\_\_
- Which continent has experienced the widest range of record high and record low temperatures?  
\_\_\_\_\_  
What is that difference in degrees Fahrenheit?  
\_\_\_\_\_
- In which country were record low temperatures for two different continents recorded?  
\_\_\_\_\_
- Why might Argentina be considered a land of extremes?  
\_\_\_\_\_  
\_\_\_\_\_
- What are two precautions residents of Oimekon, Russia, would need to take when venturing outdoors in winter?  
\_\_\_\_\_  
\_\_\_\_\_