

## July 2021

### USCRN All-Time Record Temperatures at Stovepipe Wells

All-time temperature records were set on Sunday July 11, 2021 at the USCRN station in Stovepipe Wells, CA. The maximum temperature was 128.6°F; the daily minimum temperature of 107.7°F was the highest ever recorded in North America by any official network (and second most globally). The combination of  $\text{MaxT} + \text{MinT} / 2$  resulted in the highest daily average temperature ever observed globally of 118.1°F. The Stovepipe Wells site is about 18 miles away from the National Park Service's observing site in the Death Valley site at Furnace Creek, and usually reports a couple of degrees cooler than the Furnace Creek site, which was 128°F that day, but with a lower minimum temperature of 102°F. The records will still have to be evaluated by the State and National Climate Extremes Committee at NOAA's National Centers for Environmental Information as well as the World Meteorological Organization's (WMO) Rapporteur on Climate Extremes who documents such records at the WMO's World Weather Archive and Climate Extremes website at <https://wmo.asu.edu/>. This event from the USCRN station in Stovepipe Wells was recognized in an article in the Washington Post on July 12th at <https://www.washingtonpost.com/weather/2021/07/12/death-valley-record-heat-earth/>

The record day occurred at the peak of a week-long heat wave in Death Valley.

Date	Stovepipe Wells (USCRN)				Death Valley (COOP)	
	Max(°F)	Max (°C)	Min(°F)	Min (°C)	Max(°F)	Min(°F)
6-Jul	120.6	49.2	91.2	32.9	124	96
7-Jul	123.9	51.1	96.8	36.0	126	101
8-Jul	124.7	51.5	96.4	35.8	126	100
9-Jul	122.8	50.5	98.7	37.1	130	104
10-Jul	128.3	53.5	103.1	39.5	129	99
11-Jul	128.6	53.7	107.7	42.0	128	102

This demonstrates the utility of the USCRN as it continues in its mission of documenting climate change across the U.S. during the 21<sup>st</sup> Century.