

# Climate Change Brings Searing Heat to Russia

By Don Sutherland

In part, on account of climate change, unprecedented early June heat has sent the temperature soaring to 100° or above in parts of Russia north of 50°N latitude. At Kurgan, there have been two consecutive 100° temperatures, which ties the record. Both prior cases occurred in July. Temperatures are also the highest they have ever been so early in the season.

**Kurgan, Russia: 100F (37.8C) Days:**

Date	High	
	(°F)	(°C)
June 16, 1931	101	38.5
July 16, 1940	100	37.9
July 17, 1940	102	38.7
July 29, 1952	101	38.5
July 30, 1952	105	40.5
July 17, 1953	101	38.4
July 1, 1995	100	38.0
July 18, 2012	100	37.9
August 11, 2012	101	38.5
<b>June 3, 2023</b>	<b>101</b>	<b>38.3</b>
<b>June 4, 2023</b>	<b>101</b>	<b>38.1</b>

At the same time, daily and monthly record high temperatures were falling in parts of southern Africa and Canada.

The frequency of extreme heat has been increasing faster than overall temperatures. The result is more frequent, more intense, and longer-duration heatwaves. Such heat has sometimes triggered flash droughts that could develop within less than a week.