

## **Review spring 2022**

Spring (months of March, April and May) 2022 was 1.25 degrees too warm at 9.55°C (weather station Dresden-Klotzsche), with May standing out in particular. On the other hand, April was 0.2 degrees too cold. In the long term, spring temperatures have already increased by 2.0 degrees between 1961 and 2022 (Fig.1).

The sun shone much more frequently and for longer than normal and the sunshine duration came to a total plus of 244 hours. As a result, 2022 moved up to 2nd place after 2011, relegating the early years 2007, 2020, 2018 and 2003 to subsequent places. In the long term, sunshine duration even increased by 182 hours between 1961 and 2022.

With a precipitation total of 64.7 mm, the spring of 2022 in Dresden-Klotzsche was 92 mm too dry and thus proved to be the driest since 1961. The spring years 2020 and 1976 were pushed down to second and third place. It was particularly striking that rainfall amounts of more than 5 mm were recorded on only 3 days and on no single day more than 10 mm. In the long term, spring precipitation has decreased significantly by 49 mm between 1961 and 2022.

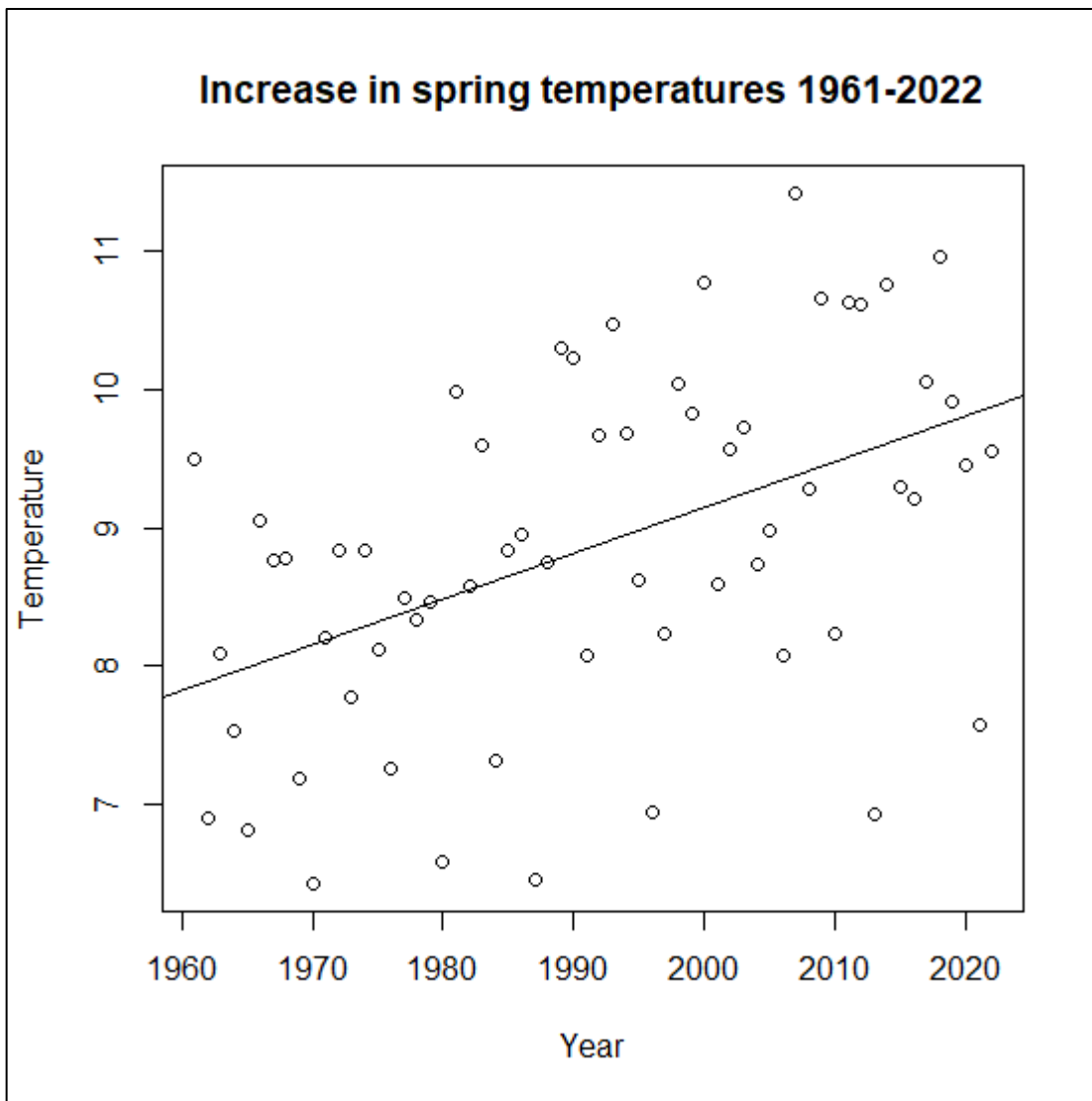


Fig.1: Sketch of the increase in spring temperatures in the period 1961-2022. The spring months have become warmer by 2.0 degrees on average.