

@article{Druckenmiller2021,

abstract = {The Arctic in 2020 was exceptionally warm. The annual mean surface air temperature (SAT) anomaly for land areas poleward of 60°N was 2.1°C above the 1981–2010 average, marking the highest observed SAT anomaly for the terrestrial Arctic since at least 1900. It was also the seventh consecutive year with SAT anomalies of more than +1°C higher than the 1981–2010 average. This continued increase in Arctic SAT is the primary driver for many of the changes observed on a pan-Arctic scale and enhanced regionally in any given year. During 2020, for example, warm SAT anomalies persisted from winter into summer across the Eurasian Arctic, contributing to early and widespread wildfire activity across the region and to the near-record sea ice retreat and warm summer and autumn sea surface temperatures (SSTs) in the Laptev and Kara Seas.},

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