



Fact Sheet „Erwärmen die Wolken das Klima in der Arktis?“

- Literatur -

- 1 Jeffries, M.O., Overland, J.E., Perovich, D.K. (2013). The Arctic shifts to a new normal. *Physics Today*, 66, 10, 35. <https://doi.org/10.1063/PT.3.2147>
- 2 Goosse, H., Kay, J.E., Armour, K.C. et al. (2018). Quantifying climate feedbacks in polar regions. *Nature Communications*, 9, 1919. <https://doi.org/10.1038/s41467-018-04173-0>
- 3 Ebell, K., Nomokonova, T., Maturilli, M., and Ritter, C. (2020). Radiative effect of clouds at Ny-Ålesund, Svalbard, as inferred from ground-based remote sensing observations. *Journal of Applied Meteorology and Climatology*, 59, 1, 3-22. <https://doi.org/10.1175/JAMC-D-19-0080.1>
- 4 Kay, J.E., L'Ecuyer, T., Chepfer, H. et al. (2016). Recent advances in Arctic cloud and climate research. *Current Climate Change Reports*, 2, 159-169. <https://doi.org/10.1007/s40641-016-0051-9>
- 5 McCrystall, M.R., Stroeve, J., Serreze, M. et al. (2021). New climate models reveal faster and larger increases in Arctic precipitation than previously projected. *Nature Communications*, 12, 6765. <https://doi.org/10.1038/s41467-021-27031-y>
- 6 Łupikasza, E. B., and K. Cielecka-Nowak (2020). Changing probabilities of days with snow and rain in the Atlantic sector of the Arctic under the current warming trend. *Journal of Climate*, 33, 2509-2532. <https://doi.org/10.1175/JCLI-D-19-0384.1>

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