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Cover: Photo taken from a tethered sonde during ASCOS showing a thin, low-level cloud layer separating the free troposphere from the boundary layer, and the sea ice below; also seen on the horizon are the high clouds from an approaching weather system. See also *Igel et al.* [pp. 7053–7060, doi: [10.1002/2017GL073808](https://doi.org/10.1002/2017GL073808)]. Image credit: ASCOS Science Team.

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