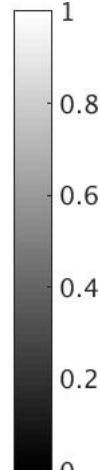
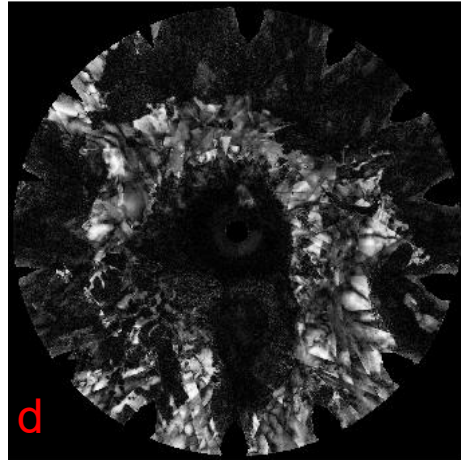
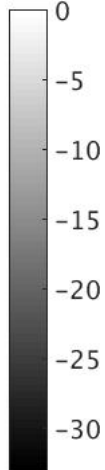
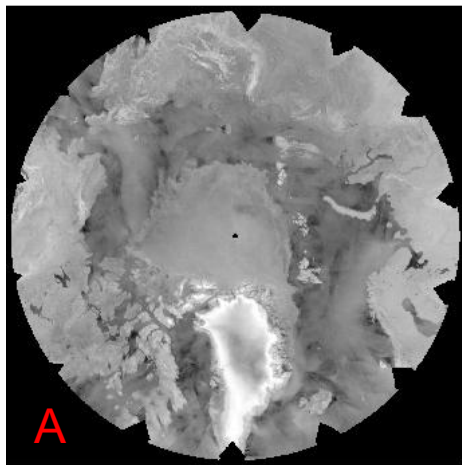




ASCAT UHR Sea Ice Extent Record Extension

Porter Evans and Prof. David Long
Brigham Young University

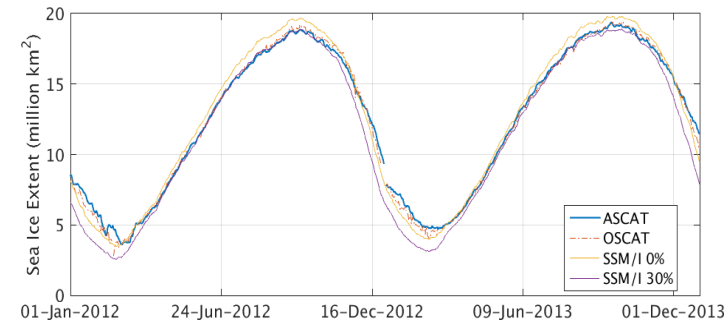
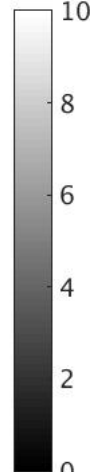
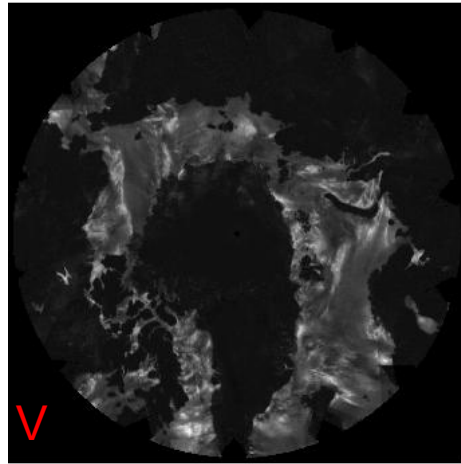
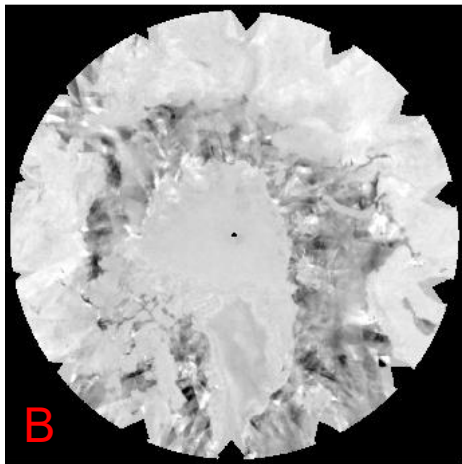
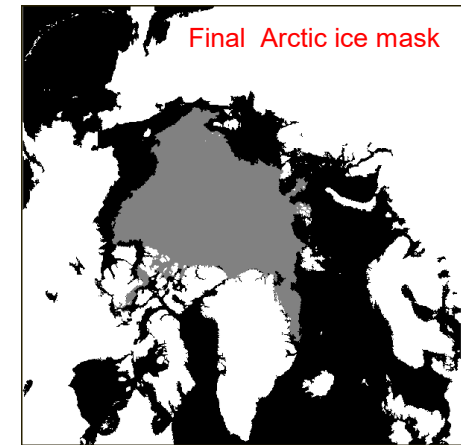
- Extending BYU's sea ice extent timeseries with upgraded ASCAT images



$$\sigma_{dB}^0 = A + B(\theta - 40^\circ)$$

$$d = \max \frac{|\sigma_i^0 - \sigma_j^0|}{|\sigma_i^0 + \sigma_j^0|}, \text{ where } i \neq j$$

$$V = \text{var}(z_i)$$



One day ASCAT-B&C SIR-enhanced images

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