

The New Barrow Atmospheric Baseline Observatory

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The Barrow Atmospheric Baseline Observatory (BRW) is located in the Arctic on the northernmost point of the United States, approximately 8 km northeast of the village of Utqiagvik.

NOAA's long-term BRW facility is undergoing a major upgrade (2019–2020) that will significantly increase the site's scientific capabilities and opportunity for collaboration:

- New state-of-the-art observatory with flexible laboratory space
 - ~1,000 sqft of NOAA laboratory space
 - ~275 sqft of collaborative project laboratory space
- Garage expansion
- New 30-meter instrument tower
- Campaign science deck sized to hold 20-ft sea containers



Figure 1. BRW observatory and garage expansion footprint, overlaid on current facility for comparison. From 50% architectural design, April 2019.