

## NOAA and U.S. Department of Energy/Office of Science Cooperative Efforts in Barrow (Utqiagvik), Alaska

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ESRL/GMD and the U.S. Department of Energy (DOE) have collaborated at the Barrow Atmospheric Baseline Observatory (BRW) (Utqiagvik), Alaska research site for almost two decades. Our collaborative partnership with the Earth System Research Laboratory (ESRL) Global Monitoring Division (GMD) at Barrow is critical to the mission success of the DOE Atmospheric Radiation Measurement (ARM) facility located just a few hundred meters from the ESRL/GMD/BRW Observatory. The DOE/ARM program relies on BRW for many observational data sets, for operational assistance, for shelter for instruments including aerosol instruments, and for a close partnership on logistics in Utqiagvik. During this current winter (2017), that partnership included a combined effort to deal with record snows at the joint facilities. NOAA and DOE have many active and formal partnerships, including those roles described in the Interagency Arctic Research Policy Committee (IARPC) 2017-2021 Five-Year Research Plan.



**Figure 1.** Clearing snow from outside the DOE/ARM facility.



**Figure 2.** Snow drift heights winter 2017.