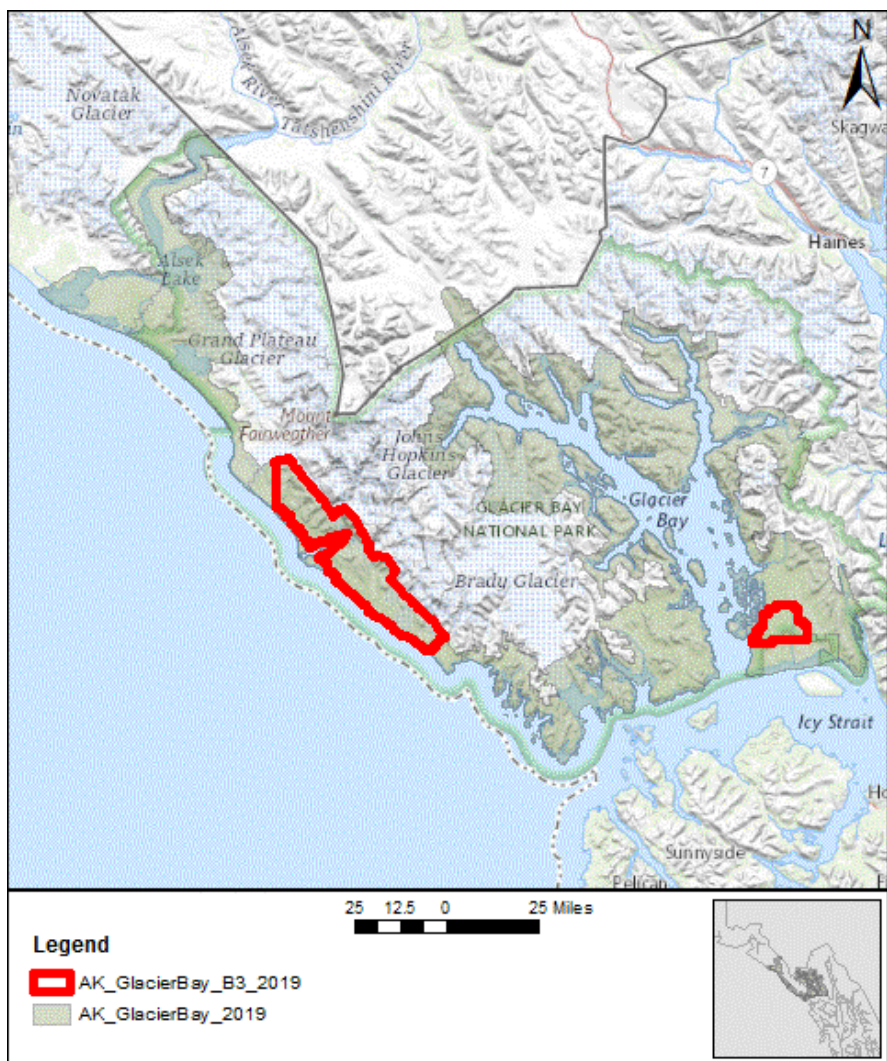# LIDAR Quality Report

from the National Geospatial Technical Operations Center
in Support of the 3D Elevation Program

AK_GlacierBay_B3_2019

2020-09-15

The USGS - National Geospatial Technical Operations Center (NGTOC), Data Operations Branch is responsible for conducting reviews of all enhanced, high-quality resolution elevation data and derived products delivered by a data supplier before it is approved for inclusion in the 3D Elevation Program (3DEP) data holdings. The USGS - NGTOC recognizes the complexity of high quality resolution elevation data collection and processing performed by the data suppliers and has developed this Quality Control (QC) procedure. The goal of this process is to assure elevation data are of sufficient quality for database population and scientific analysis. Concerns regarding the assessment of these data should be directed to the Chief of Data Operations Branch, 1400 Independence Road, Rolla, Missouri 65401.

Based on this review, the delivered data is **EXPECTED TO MEET** 3D Elevation Program requirements.

Project Information

WP Name: AK_GlacierBay_2019_B19	**Work Package ID:** 182585
WU Name: AK_GlacierBay_B3_2019	**Work Unit ID:** 194256
Horizontal SRS: NAD83(2011) / UTM zone 8N	**Vertical SRS:** NAVD88 height
Mechanism: GPSC	**Lidar Base Spec:** Other
USGS Project POC: Gail Dunn	**POC Email:** gdunn@usgs.gov
Vertical Accuracy: Review is expected to meet but awaiting final vertical accuracy assessment.	

Product	Accepted	Delivered	Summary of Errors
Classified Pointcloud	Yes	Yes	None
DEM	Yes	Yes	None
Hydroflattened Polyline Breaklines	Yes	Yes	None
Classified LPC XML	Yes	Yes	None
Breakline/Hydro XML	Yes	Yes	None
Intensity Imagery XML	Yes	Yes	None
DEM XML	Yes	Yes	None
DSM XML	Yes	Yes	None
Contractor Project Report	Yes	Yes	None
Contractor Collection Report	Yes	Yes	None
Checkpoints	Yes	Yes	None
Defined Project Area	Yes	Yes	None
LAS Tile Index	Yes	Yes	None
DSM	Yes	Yes	None
Intensity Imagery	Yes	Yes	None
Dz Ortho Imagery	Yes	Yes	None

Classified Lidar Point Cloud
Based on this review, the USGS-NGTOC **ACCEPTS** the Classified Lidar Point Cloud.

Digital Elevation Model (DEM)
Based on this review, the USGS-NGTOC **ACCEPTS** the Digital Elevation Model (DEM).

Breaklines
Based on this review, the USGS-NGTOC **ACCEPTS** the Breaklines.

Metadata
Based on this review, the USGS-NGTOC **ACCEPTS** the Metadata.

Shapefiles and/or Reports
Based on this review, the USGS-NGTOC **ACCEPTS** the Shapefiles and/or Reports.

Other Deliverables
Based on this review, the USGS-NGTOC **ACCEPTS** the Other Deliverables.