DATA DESCRIPTION

Example file name: greenland_atm_31915.csv

greenland_atm – Data set ID

MDDYY – month, day and year of survey

Folder SHP contain shape files corresponding ASCII files.

Data are georeferenced to WGS-84.

Parameters, Units, and Range

Parameter	Description	Units	Range
DATE_MMDDYY	Month, Day and Year of survey		
UTM_X_N24	X coordinate UTM 24N (EPSG 32624)	Meters	
UTM_Y_N24	Y coordinate UTM 24N (EPSG 32624)	Meters	
WGS84_Ellipsoid_Height	Height above WGS84 ellipsoidof the center of the block.	Meters	-100.0 to 10000.0
ITRF	International Terrestrial Reference Frame		
UTC_Seconds_Of_Day	Time at which the aircraft passed the mid- point of the block	Seconds of the day in UTC	0 to 86400
UTC_Seconds_Of_Day	Time at which the aircraft passed the mid- point of the block.	Seconds of the day in UTC	0 to 86400
Latitude	Latitude of the center of theblock.	Degrees	-90.0 to +90.0
Longitude	East longitude of the center of theblock.	Degrees	0.0 to 360.0
South-to-North_Slope	South to North slope of theblock.	Dimensionless	any realvalue
West-to-East_Slope	West to East slope of theblock.	Dimensionless	any realvalue

RMS_Fit	RMS fit of the ATM data to theplane.	Centimeters	Greater than 0.0
Number_Of_ATM_Measurments_Used	Number of points used inestimating theplane parameters.	Count	Greaterthan 0
Number_Of_ATM_Measurements_Removed	Number of points removed in estimating theplane parameters.	Count	Greater than or equal to0
Distance_Of_Block_To_The_Right_Of_Aircraft	Distance of the center of the block from the centerline of the aircraft trajectory(starboard = positive, port = negative).	Meters	real valued
Track_Identifier	Track identifier (numbered 1...n, starboard to port, and 0 = nadir).	Number	0, 1, 2, 3, …
Filename	Name of original ATM file (https://nsidc.org/data/ilatm2)		
Date_of_Download	YYYMMDD		