Status of NASA Operation IceBridge Instrument Datasets at NSIDC

Updated: April 5, 2018

Region	Online at NSIDC	Expected at NSIDC	Online elsewhere (brokered data set)
Greenland/Arctic			
Antarctica			
Alaska			

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Flight Reports	IFLTRPT	IceBridge Mission Flight Reports	GR																
			AN																
			AK																

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Lidar	ILATM0	IceBridge ATM L0 Raw Ranges	GR																
			AN																
	ILATM1B	IceBridge ATM L1B Elevation and Return Strength	GR																
			AN																
			AK																
	ILATM2	IceBridge ATM L2 Icessn Elevation, Slope, and Roughness	GR																
			AN																
			AK																
	ILATMW1B	IceBridge ATM L1B Elevation and Return Strength with Waveforms	GR																
	ILNSA1B	IceBridge Narrow Swath ATM L1B Elevation and Return Strength	GR																
			AN																
	ILVIS0	IceBridge LVIS L0 Raw Ranges	GR								AK-ARISE								
			AN																
	ILVIS1B	IceBridge LVIS L1B Geolocated Return Energy Waveforms	GR								AK-ARISE								
			AN																
	ILVIS2	IceBridge LVIS L2 Geolocated Surface Elevation Product	GR								AK-ARISE								
			AN																
	ILVGH1B	IceBridge LVIS-GH L1B Geolocated Return Energy Waveforms	GR																
			AN																
	ILVGH2	IceBridge LVIS-GH L2 Geolocated Surface Elevation Product	GR																
			AN																
	ILSIG0	IceBridge Sigma Space Lidar L0 Raw Time-of-Flight Data	GR																
			AN																
	ILSIG1B	IceBridge Photon Counting Lidar L1B Unclassified Geolocated Photon Elevations	AN																
	ILSSP0	IceBridge Sigma Space Prototype L0 Raw Time-of-Flight Data	AN																
	ILSNP1B	IceBridge Photon Counting Lidar L1B Subset Geolocated Photon Elevations	AN																
	ILSNP4	IceBridge Merged Photon Counting Lidar/Profiler L4 Surface Slope and Elevation	AN																
	ILAKP1B	IceBridge UAF Lidar Profiler L1B Geolocated Surface Elevation Triplets	AK																
	ILAKS1B	IceBridge UAF Lidar Scanner L1B Geolocated Surface Elevation Triplets	AK																

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								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Laser Altimeter	ILUTP0	IceBridge Riegl Laser Altimeter L0 Raw Ranges	AN																
	ILUTP1B	IceBridge Riegl Laser Altimeter L1B Time-Tagged Laser Ranges	GR																
			AN																
	ILUTP2	IceBridge Riegl Laser Altimeter L2 Geolocated Surface Elevation Triplets	AN																

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Radar	IRACC1B	IceBridge Accumulation Radar L1B Geolocated Radar Echo Strength Profiles	GR																
			AN																
	IRKUB1B	IceBridge Ku-Band Radar L1B Geolocated Radar Echo Strength Profiles	GR																
			AN																
	IRSNO1B	IceBridge Snow Radar L1B Geolocated Radar Echo Strength Profiles	GR																
			AN																
	IRMCR1B	IceBridge MCoRDS L1B Geolocated Radar Echo Strength Profiles	GR																
			AN																
	IRMCR2	IceBridge MCoRDS L2 Ice Thickness	GR																
			AN																
	IRMCR3	IceBridge MCoRDS L3 Gridded Ice Thickness, Surface, and Bottom	GR	[2006 -]															
			AN																
	IRPAR2	IceBridge PARIS L2 Ice Thickness	GR																
	IRTIT3	IceBridge Radar L3 Tomographic Ice Thickness	GR																
			AN																
	IRTTE3	IceBridge Radar L3 Tomographic Thickness Error	GR																
			AN																
	IR1HI0	IceBridge HiCARS 1 L0 Raw Return Energy Amplitudes	AN																
	IR1HI2	IceBridge HiCARS 1 L2 Geolocated Ice Thickness	AN																
	IR2HI0	IceBridge HiCARS 2 L0 Raw Return Energy Amplitudes	AN																
	IR2HI2	IceBridge HiCARS 2 L2 Geolocated Ice Thickness	AN																
	IRWIS2	IceBridge WISE L2 Ice Thickness and Surface Elevation	AK																

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Camera / Optical	IOCAM1B	IceBridge CAMBOT L1B Geolocated Images	GR																
			AN																
	IODMS0	IceBridge DMS L0 Raw Imagery	GR																
			AN																
	IODMS1B	IceBridge DMS L1B Geolocated and Orthorectified Images	GR																
			AN																
	IODMS3	IceBridge DMS L3 Photogrammetric DEM	GR																
			AN																
	IODCC0	IceBridge DMS L0 Camera Calibration	GR																
			AN																
			AK																

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Gravimeter	IGGRV1B	IceBridge Sander AIRGrav L1B Geolocated Free Air Gravity Anomalies	GR																
			AN																
	IGBTH4	IceBridge Sander AIRGrav L4 Bathymetry	GR																
			AN																
	IGBGM0	IceBridge BGM-3 Gravimeter L0 Raw Accelerations	AN																
	IGBGM1B	IceBridge BGM-3 Gravimeter L1B Time-Tagged Accelerations	AN																
	IGBGM2	IceBridge BGM-3 Gravimeter L2 Geolocated Free Air Anomalies	AN																
	IGZLS1B	IceBridge ZLS Dynamic Gravity Meter Time-Registered L1B Vertical Accelerations	AN																

	IGCMG1B	IceBridge CMG 1A Dynamic Gravity Meter Time-Tagged L1B Vertical Acceleration	AN																
	IGCMG2	IceBridge CMG GT-1A Gravimeter L2 Geolocated Free Air Gravity Disturbances	AN																

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								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Magnetometer	IMCS30	IceBridge Scintrex CS-3 Cesium Magnetometer L0 Raw Magnetic Field	GR																
			AN																
	IMCS31B	IceBridge Scintrex CS-3 Cesium Magnetometer L1B Geolocated Magnetic Anoma	GR																
			AN																
	IMFGM0	IceBridge Flux Gate Magnetometer L0 Raw Magnetic Field	AN																
	IMGEO0	IceBridge Geometrics 823A Cesium Magnetometer L0 Raw Magnetic Field	AN																
	IMGEO1B	IceBridge Geometrics 823A Cesium Magnetometer L1B Time-Tagged Magnetic F	AN																
	IMGEO2	IceBridge Geometrics 823A Cesium Magnetometer L2 Geolocated Magnetic Ano	AN																

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Pyrometer	IAKST1B	IceBridge KT19 IR Surface Temperature	GR																
			AN																

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								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Meteorology	IAMET1B	IceBridge NSERC L1B Geolocated Meteorologic and Surface Temperature Data	GR																
			AN																
	ICHEM1B	IceBridge Atmospheric Chemistry L1B Data	AN																
	IANCR1B	IceBridge NCAR Navigation, State Parameter, and Microphysics LRT Data	AN																

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								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Position	IPPLV1B	IceBridge LVIS POS/AV L1B Corrected Position and Attitude Data	GR					AK-ARISE											
			AN																
	IPAPP1B	IceBridge POS/AV L1B Corrected Position and Attitude Data	GR																
			AN																
	IPUTG0	IceBridge GPS L0 Raw Satellite Navigation Data	AN																
	IPUTG1B	IceBridge GPS/IMU L1B Primary Position and Attitude Solution	AN																
	IPUTN1B	IceBridge GPS L1B Time-Tagged Real-Time Position and Attitude Solution	AN																
	IPUTI0	IceBridge IMU L0 Raw Inertial Measurement Unit Data	AN																
	ITKTC0	IceBridge L0 Raw Kinematics GPS Time Codes	AN																
	IPUAF1B	IceBridge UAF GPS/IMU L1B Corrected Position and Attitude Data	AK																

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								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Pressure Altimeter	IAPRS0	IceBridge Paroscientific L0 Pressure Altimeter Raw Air Pressure	AN																
	IAPRS1B	IceBridge Paroscientific L1B Pressure Altimeter Time-Tagged Air Pressure	AN																

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								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Derived Products	IDBMG4	IceBridge BedMachine Greenland	GR	[1993 -]															
	RRRAG4	Radiostratigraphy and Age Structure of the Greenland Ice Sheet	GR	[1993 -]															
	RDEFT4	CryoSat-2 Level 4 Sea Ice Elevation, Freeboard, and Thickness	GR																
	RDWES1B	CryoSat-2 Level-1B Waveforms, Sea Ice Elevation, and Surface Roughness	GR																
	IDCSI4	IceBridge L4 Sea Ice Freeboard, Snow Depth, and Thickness	GR																
			AN																
	IDHDT4	IceBridge ATM L4 Surface Elevation Rate of Change	GR	[1993 -]															
			AN	[2002 -]															