Overview of NASA Operation IceBridge Data Sets by Instrument
Updated: ###############

Region	Online 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			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Flight Reports	IFLTRPT	IceBridge Mission Flight Reports	GR																								
			AN																								
			AK																								
	IPFLR1B	IceBridge L1B Flight Reports	GR																								
			AN																								
			AK																								
	IPFLT1B	IceBridge L1B Thinned Flight Lines	GR																								
			AN																								
			AK																								

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Laser Altimeter	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																								
			AN																								
	ILNIRW1B	IceBridge ATM L1B Near-Infrared Waveforms	GR																								
			AN																								
	ILNSA1B	IceBridge Narrow Swath ATM L1B Elevation and Return Strength	GR																								
			AN																								
	ILNSAW1B	IceBridge Narrow Swath ATM L1B Elevation and Return Strength with Waveforms	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																								
	IOLVIS1A	IceBridge LVIS L1A Geotagged Images	GR																								
	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																								
	ILPATM1B	IceBridge Preliminary ATM L1B Elevation and Return Strength	GR																								
	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 Elevations	AN																								
	ILAKP1B	IceBridge UAF Lidar Profiler L1B Geolocated Surface Elevation Triplets	AK																								
	ILAKS1B	IceBridge UAF Lidar Scanner L1B Geolocated Surface Elevation Triplets	AK																								
			AN																								
	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			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	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																								
	IR1HI1B	IceBridge HiCARS 1 L1B Time-Tagged Echo Strength Profiles	AN																								
	IR1HI2	IceBridge HiCARS 1 L2 Geolocated Ice Thickness	AN																								
	IR2HI0	IceBridge HiCARS 2 L0 Raw Return Energy Amplitudes	AN																								
	IR2HI1B	IceBridge HiCARS 2 L1B Time-Tagged Echo Strength Profiles	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			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall
	IOCAM0	IceBridge CAMBOT L0 Raw Imagery	GR																								
			AN																								
	IOCAM1B	IceBridge CAMBOT L1B Geolocated Images	GR																								
			AN																								
	IODMS0	IceBridge DMS L0 Raw Imagery	GR																								
			AN																								

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Camera / Optical	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																									
	IODEM3	IceBridge DMS L3 Ames Stereo Pipeline Photogrammetric DEM	GR																									
			AN																									
			AK																									
	IODIM3	IceBridge DMS L3 Ames Stereo Pipeline Orthorectified Images	GR																									
			AN																									
			AK																									

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Gravimeter	IGGRV1B	IceBridge Sander AIRGrav L1B Geolocated Free Air Gravity Anomalies	GR																									
			AN																									
	IGBTH3	IceBridge Sander AIRGrav L3 Bathymetry	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 Accelerations	AN																									
	IGCMG2	IceBridge CMG GT-1A Gravimeter L2 Geolocated Free Air Gravity Disturbances	AN																									
	IGLGS1B	IceBridge LDEO Gravimeter Suite L1B Geolocated Free Air Gravity Anomalies	GR																									
			AN																									

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	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 Anomalies	GR																									
			AN																									
	IMFGM0	IceBridge Flux Gate Magnetometer L0 Raw Magnetic Field	AN																									
	IMFGM1B	IceBridge Watson-Gyro Fluxgate Magnetometer L1B Time-Tagged Magnetic Field	AN																									
	IMGEO0	IceBridge Geometrics 823A Cesium Magnetometer L0 Raw Magnetic Field	AN																									
	IMGEO1B	IceBridge Geometrics 823A Cesium Magnetometer L1B Time-Tagged Magnetic Field	AN																									
	IMGEO2	IceBridge Geometrics 823A Cesium Magnetometer L2 Geolocated Magnetic Anomalies	AN																									

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	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	Spring	Summer	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	Spring	Summer	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																									

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	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																									

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Derived Products	IDBMG4	IceBridge BedMachine Greenland	GR	[1993 -]																								
	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 -]																								

Type	Authoritative ID	Title	Region	2009	2010	2011	2012	2013		2014		2015		2016			2017			2018			2019			2020		
								Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall
IceBridge-Related Products	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																									
	RGGRV1B	IceBridge-Related Sander AIRGrav L1B Geolocated Free Air Gravity Anomalies	GR																									
			AN																									
	RDGBV4	Level-4 9ka Greenland Ice Sheet Balance Velocity	GR	[1993 -]																								
	RDBTS4	Likely Basal Thermal State of the Greenland Ice Sheet	GR	[1993 -]																								
	RDSISC4	IceBridge-Related DMS-Derived L4 Sea Ice Surface Cover Classification Images	GR																									
	RDSISCO4	IceBridge-Related DMS-Derived L4 Sea Ice Surface Cover Classification Orthorectified Images	GR																									