ICESat-1 Trajectory Type Properties

ICESat-1 is a laser altimeter placed in a near polar low earth orbit at an altitude of 600 km. The laser emits short pulses of both infrared light (1064 nm) and visible green light (532 nm). The mission's main objective is to measure ice sheet mass balance, cloud and aerosol heights, land topography, and vegetation characteristics.
To learn more about ICESat-1, see National Aeronautics and Space Administration.

Product	**GLAH12 (Antarctic and Greenland Ice Sheet)**	**GLAH15 (Ocean)**
Frequency_band	40Hz	40Hz
SSH (Sea Surface Height)		d_elev
H_ICE_SHEET (Ice Sheet Surface elevation)	d_elev	
H_ICE (Ice Surface elevation)	d_elev	
H_MSS (Mean Sea Surface Elevation)		d_MSS_elv