

## ICESat-2 Trajectory Type Properties

ICESat-2 is a laser altimeter placed in a near polar low earth orbit at an altitude of 496 km. The laser emits pulses of visible green light (532 nm). It is the follow-on altimetry mission of the ICESat-1 aim to measure melting ice sheets and its impact on sea level rise, changes in ice sheet and glacier mass, sea ice thickness, and vegetation height in forests.

To learn more about ICESat-2, see [National Aeronautics and Space Administration](#).

<b>Product</b>	<b>ATL06 (Land Ice Height)</b>	<b>ATL12 (Ocean Surface Height)</b>
SSH (Sea Surface Height)		h (gt1l, gt1r, gt2l, gt2r, gt3l, gt3r)
H_ICE_SHEET (Ice Sheet Surface elevation)	h_li (gt1l, gt1r, gt2l, gt2r, gt3l, gt3r)	
H_ICE (Ice Surface elevation)	h_li (gt1l, gt1r, gt2l, gt2r, gt3l, gt3r)	