Comparison of LiDAR Systems

System | Spaceborne (e.g. GLAS) | High Altitude (e.g. LVIS) | Airborne (ALS) | Terrestrial (TLS)

Altitude | 600 km | 10 km | 1 km | 1 m

Footprint | 60 m | 15 m | 25 cm | 1-10 cm

Vertical Accuracy | 15 cm to 10 m (depends on slope) | 50/100 cm (bare ground / vegetation) | 20 cm | 1-10 cm (depends on range which is a few m.’s to 2 km or more)

Online URL: [https://kb.unavco.org/article/comparison-of-lidar-systems-655.html](https://kb.unavco.org/article/comparison-of-lidar-systems-655.html)