

Accuracy Assessment (Ellipsoid*) vs. LAS files

Island	RMSE (m)	Mean (m)	Std. Dev. (m)	Change from last delivery?
Kure Atoll	0.11	0.08	0.09	No
Midway Atoll	0.05	0.00	0.05	No
Pearl and Hermes	0.12	-0.10†	0.06	No
Lisianski Island	0.18	0.00	0.18	No
Laysan Island	0.09	0.00	0.09	No
Tern (French Frigate Shoals)	0.05	0.00	0.05	Yes, better

Green: meets vertical accuracy specification of 0.15m RMSE

Red: doesn't meet specification

*Based on WGS84 ellipsoid

†Negative mean values indicate that lidar surface is lower than control elevation