

Attributes	Description
<i>Product</i>	
Acronym	Elevation
Full Name	Aircraft Elevation Above Ground Level
<i>ResponsibleParty</i>	
Name	Joshua DiGangi
Affiliation	NASA Langley Research Center
Contact Info	757-864-8789, joshua.p.digangi@nasa.gov
<i>ValidPeriod</i>	Aug. 03 – Oct. 05, 2019
<i>OutputVariables</i>	GPS_Altitude_m, m, GPS Altitude from MetNav data Ground_Elevation_m, m, Ground elevation a.m.s.l. from Google Maps Elevation API Altitude_AGL_m, m, Aircraft altitude above ground level
<i>TimeSynchOrigin</i>	UTC time base identical to MetNav data
<i>MeasurementUncertainty</i>	
Overall	+/- 5 m
Accuracy (1 sigma)	N/A
Precision (1 sigma at 0.4 Hz)	N/A
<i>ObservingMethod</i>	P3B MetNav GPS and Google Maps Elevation Differential
<i>ObservingMethodDetail</i>	MetNav Latitude and longitude are used with the Google Maps Elevation API to derive the ground elevation below the aircraft. Aircraft altitude is calculated as the difference between the MetNav GPS MSL Altitude and the Google Maps derived elevation.
<i>ObservingMethodReference</i>	https://developers.google.com/maps/documentation/elevation/intro