

# MIT Mahali Project

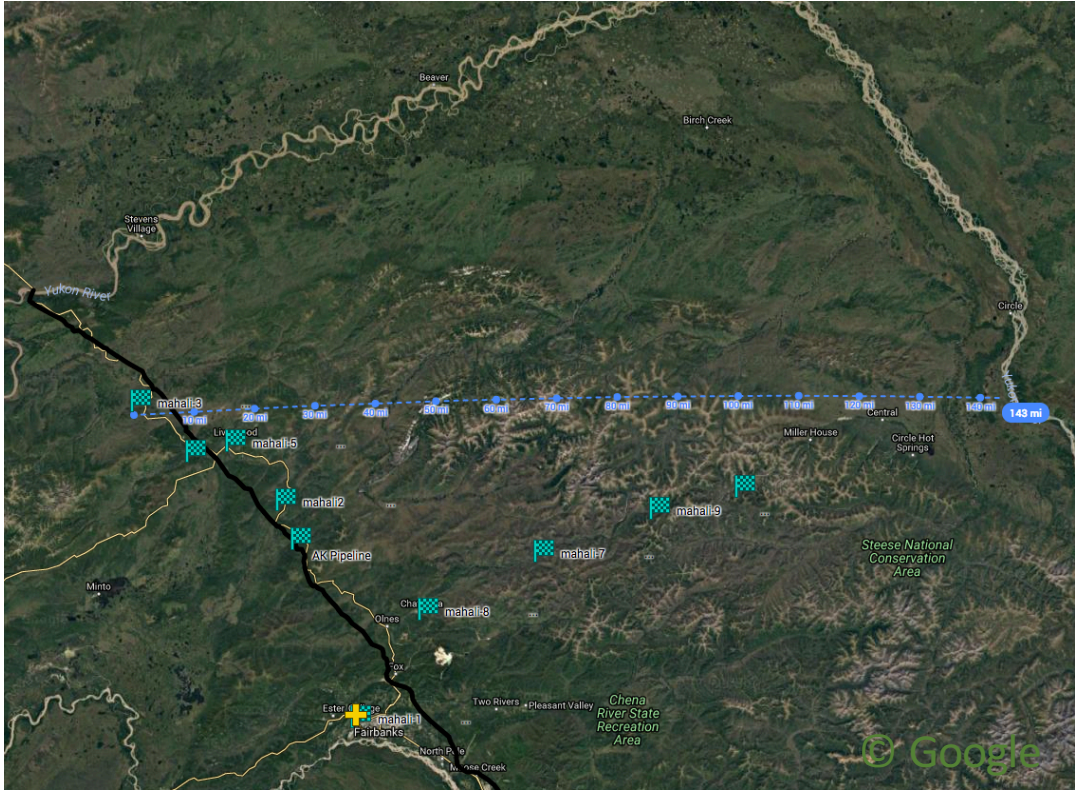
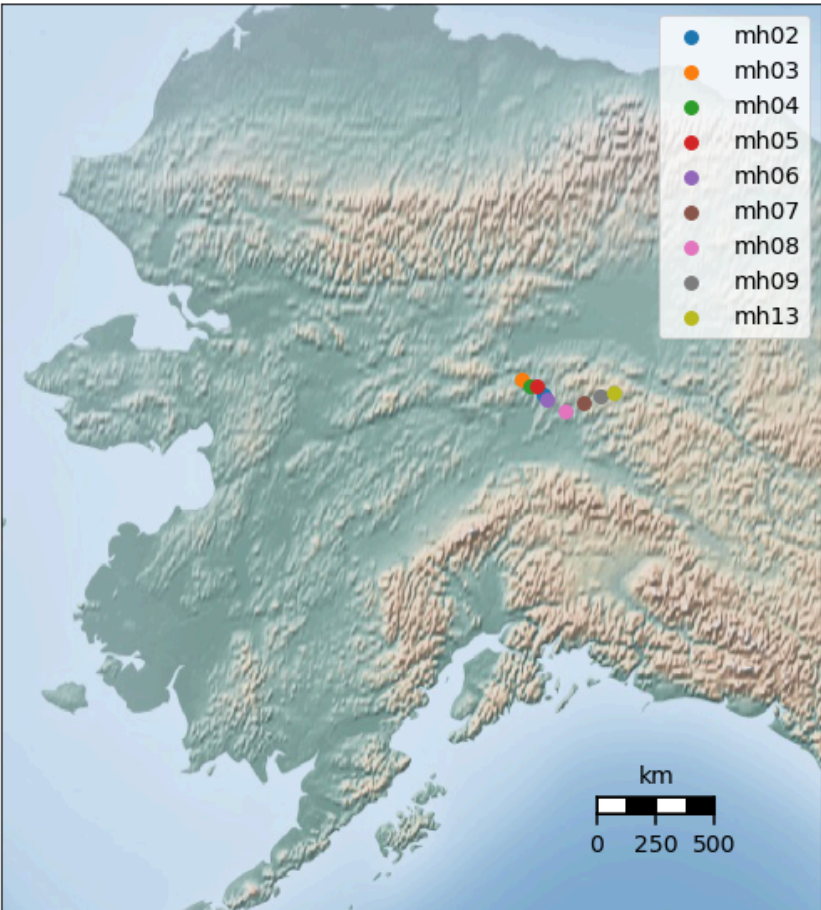
<http://mahali.mit.edu>

## Alaska Experiment 2015 GPS Site Deployment Info & Metadata

Dr. Victor Pankratius

# Overview – Mahali GPS Array

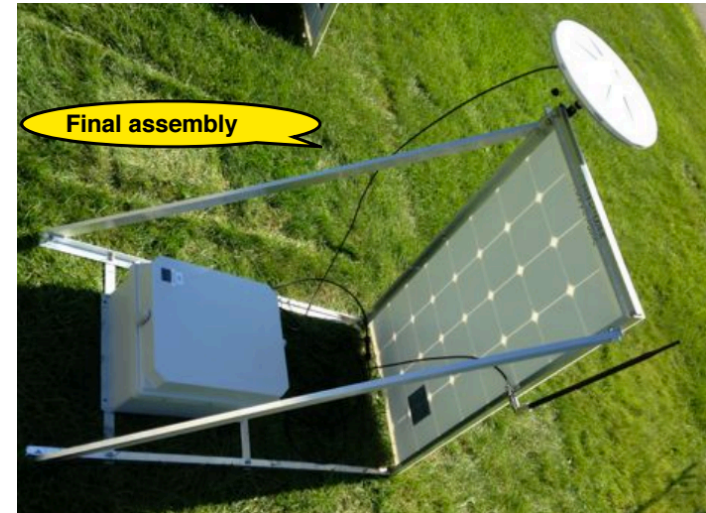
Locations of Mahali GPS Receivers in Alaska



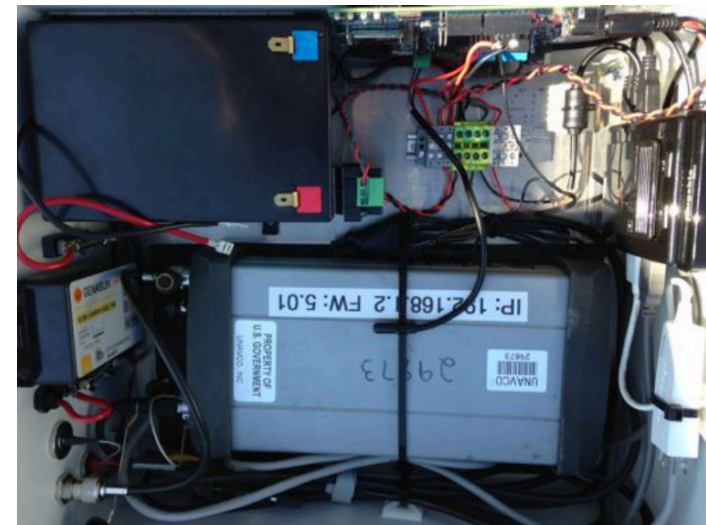


# Overview – Mahali GPS Array

Mahali Box ID	GPS Type	GPS S/N	Antenna Type	Antenna S/N
MAHALI-002	Trimble NetR9 (UNAVCO)	5145K79593	Trimble	1441043392
MAHALI-003	Trimble NetR9 (UNAVCO)	5250K40741	Trimble	1440906096
MAHALI-004	Trimble NetR9 (UNAVCO)	5205K40424	Trimble	5000119624
MAHALI-005	Trimble NetR9 (UNAVCO)	5311K51736	Trimble	5000112969
MAHALI-006	Trimble NetR9 (UNAVCO)	5303K49812	Trimble	1441137599
MAHALI-007	Trimble NetR9 (UNAVCO)	5145K79591	Trimble	1441137581
MAHALI-008	Trimble NetR9 (UNAVCO)	5037K70370	Trimble	5000119800
MAHALI-009	Trimble NetR9 (UNAVCO)	5313K52057	Trimble	1441116401
MAHALI-013	Trimble NetR9 (UNAVCO)	5347K47861	Trimble	5000119728



Configuration as of 9/16/2015



# Site: Mah02

Lat(deg), Long(deg), Alt (m): 65.3824; -148.2572; 313.82

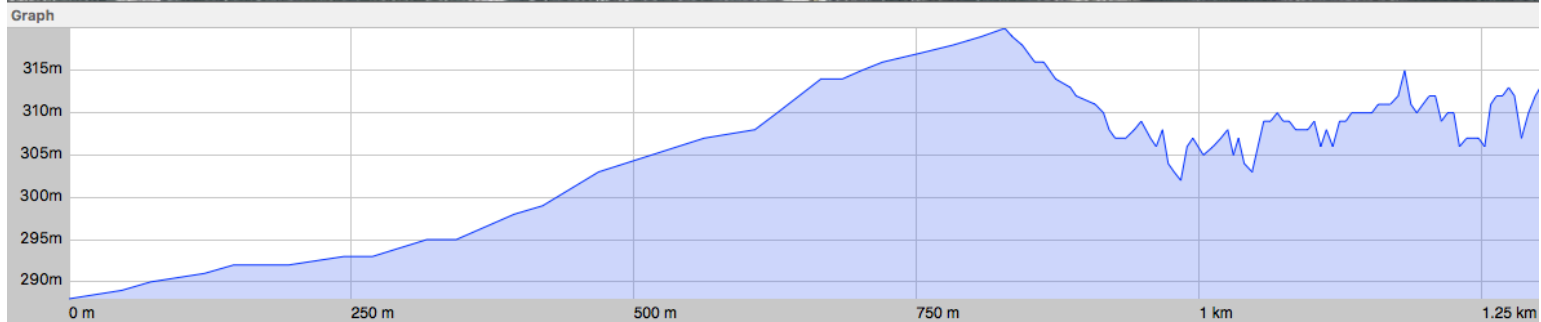


Date & Time: Sat Oct 3 14:06:12 AKDT 2015  
Position: 4085.38254° / -148.25743°  
Altitude: 312m  
Datum: WGS-84  
Azimuth/Bearing: 000° N00E 0533mils (True)  
Elevation Angle: -14.0°  
Horizon Angle: +02.6°  
Zoom: 1X

Date & Time: Sat Oct 3 14:06:11 AKDT 2015  
Position: 4085.38254° / -148.25741°  
Altitude: 313m  
Datum: WGS-84  
Azimuth/Bearing: 345° N15W 6133mils (True)  
Elevation Angle: -14.8°  
Horizon Angle: +00.8°  
Zoom: 1X



# Site: Mah02



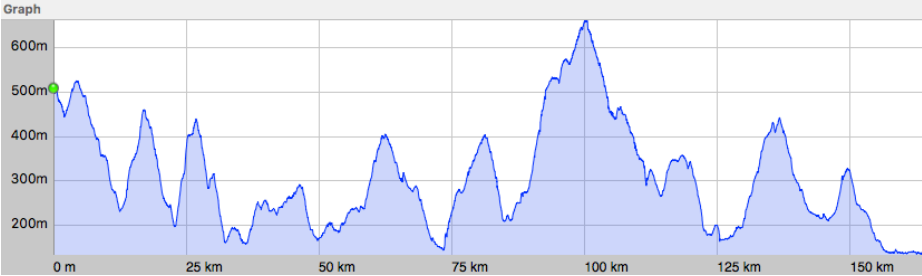
# Site: Mah03

Lat(deg), Long(deg), Alt (m): 65.6201; -149.0948; 534.77

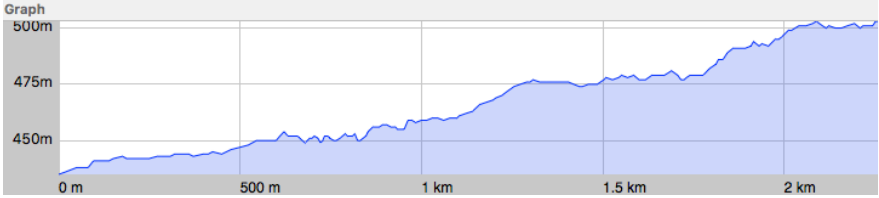
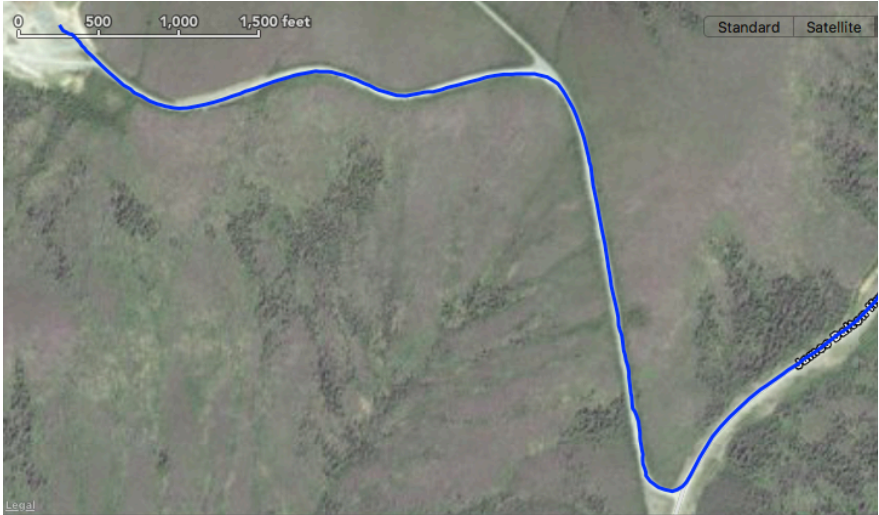




# Site: Mah03



**Duration: 5h 13m 17s / Length: 164.114 km**



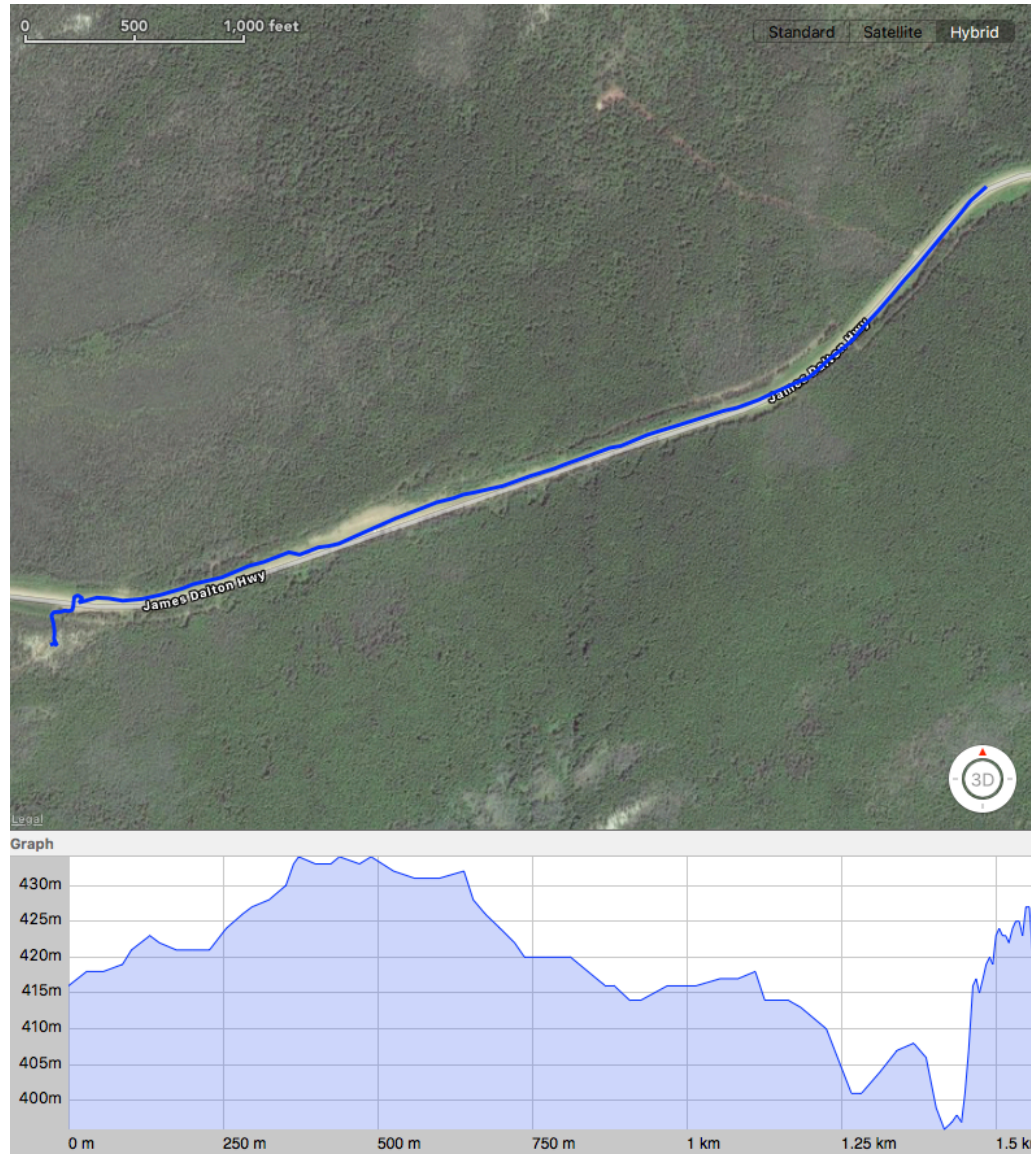
# Site: Mah04

Lat(deg), Long(deg), Alt (m): 65.4988; -148.7776; 479.26





# Site: Mah04



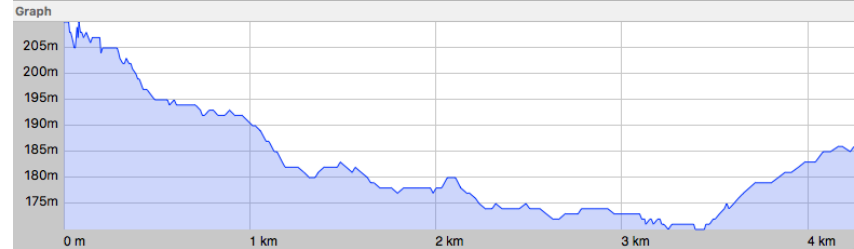
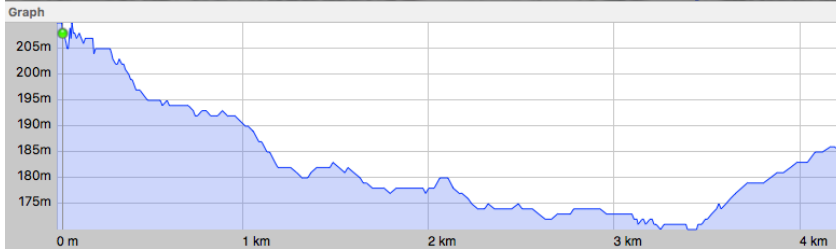
# Site: Mah05

Lat(deg), Long(deg), Alt (m): 65.5241; -148.5478; 244.03





# Site: Mah05



# Site: Mah06

Lat(deg), Long(deg), Alt (m): 65.2884; -148.1655; 303.10

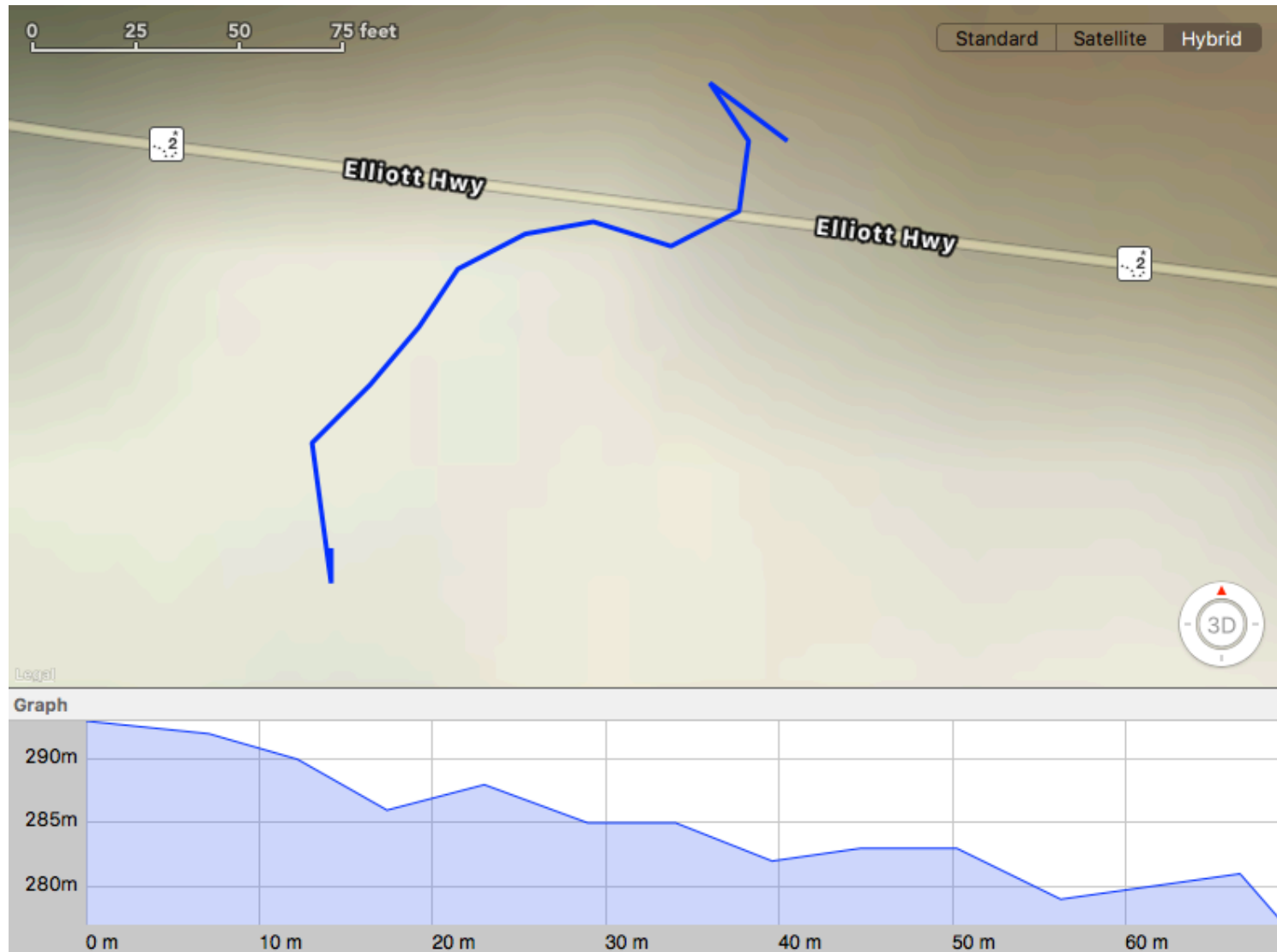


Date & Time: Mon Sep 29 14:23:51 AKDT 2015  
Position: +65.28842° / -148.16555°  
Altitude: 275m  
Datum: WGS-84  
Azimuth/Bearing: 031° N81E 1440mils (True)  
Elevation Angle: +06.8°  
Horizon Angle: +00.6°  
Zoom: 1X





# Site: Mah06



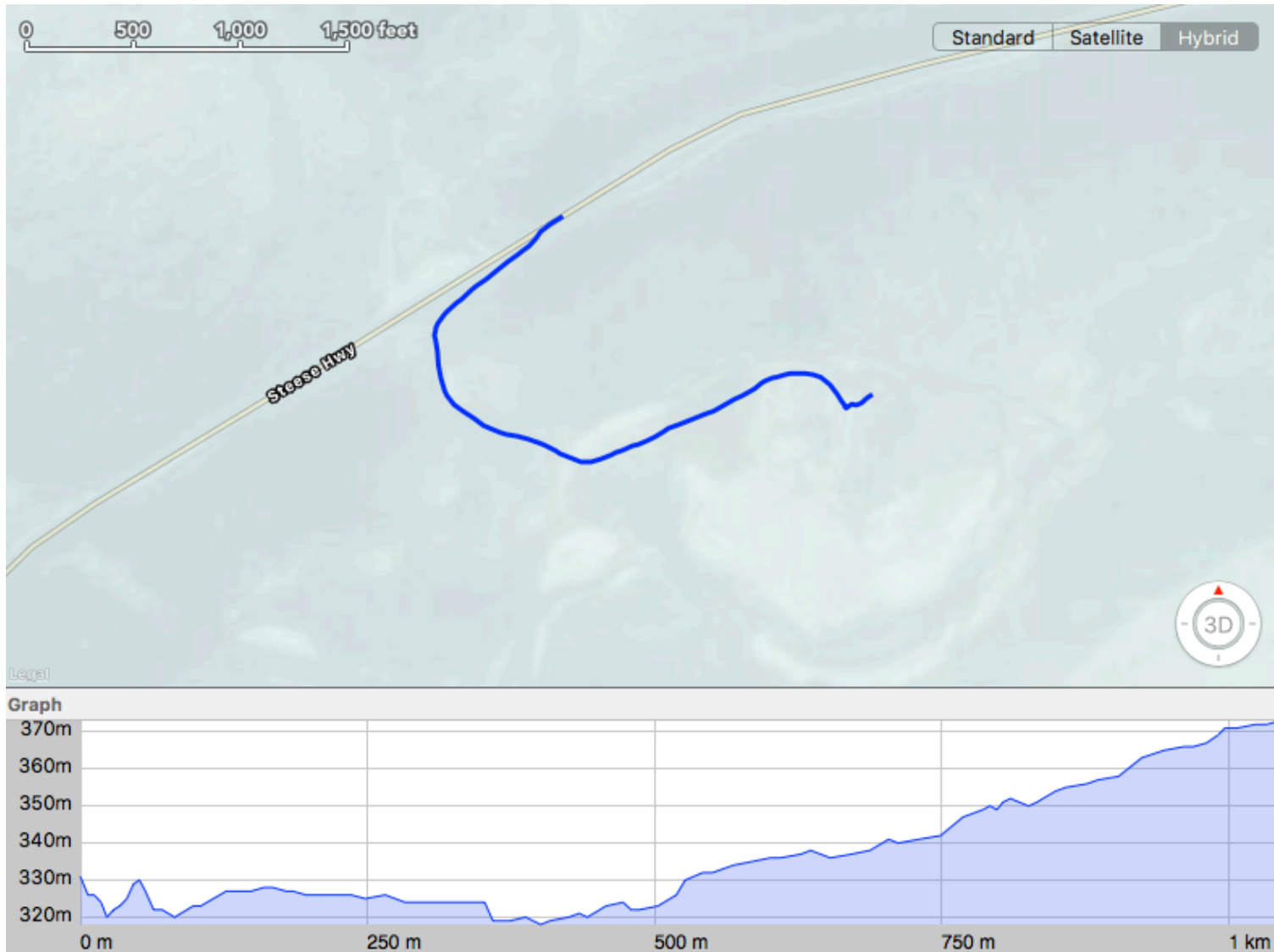
# Site: Mah07

Lat(deg), Long(deg), Alt (m): 65.2582; -146.7602; 381.92





# Site: Mah07



# Site: Mah08

(Poker Flat Research Range)

Lat(deg), Long(deg), Alt (m): 65.1179; -147.4329; 554.99

Date & Time: Fri Oct 2 17:03:41 AKDT 2015

Position: +064.86424° / -147.97299°

Altitude: 499m

Datum: WGS-84

Azimuth/Bearing: 017° N17E 0302mils (True)

Elevation Angle: +07.9°

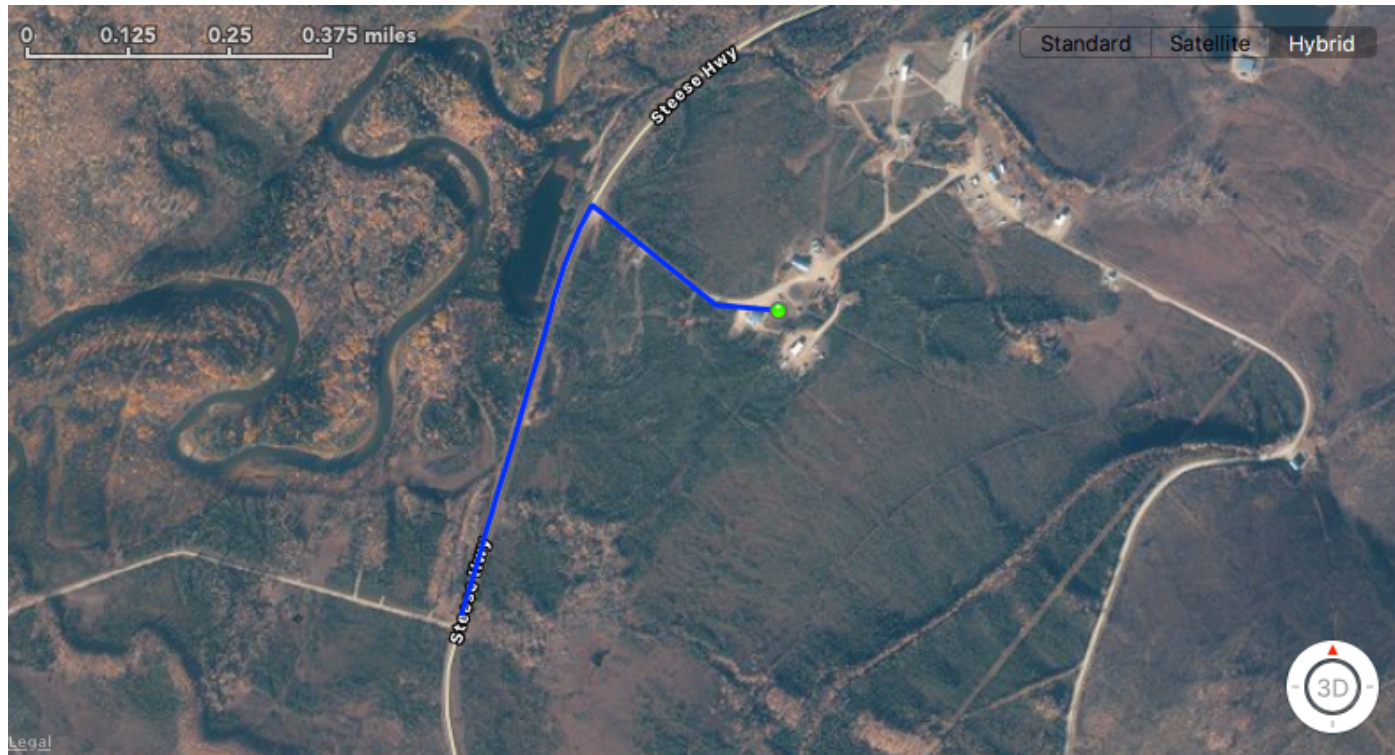
Horizon Angle: +00.6°

Zoom: 1X

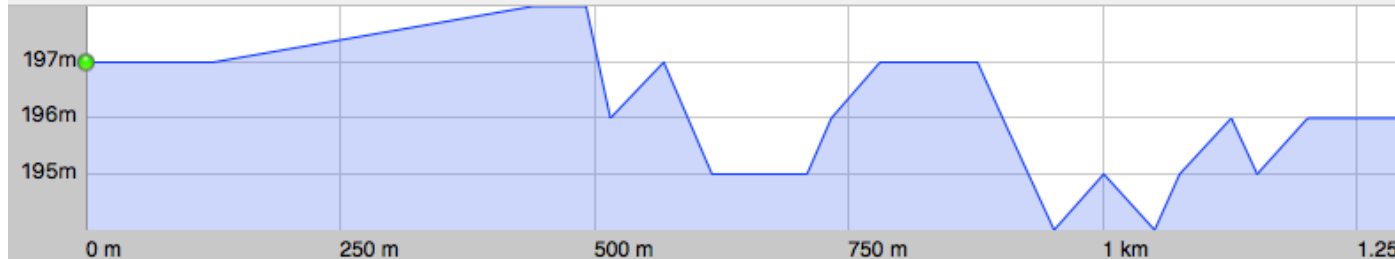




# Site: Mah08 (Poker Flat)



Graph



# Site: Mah09

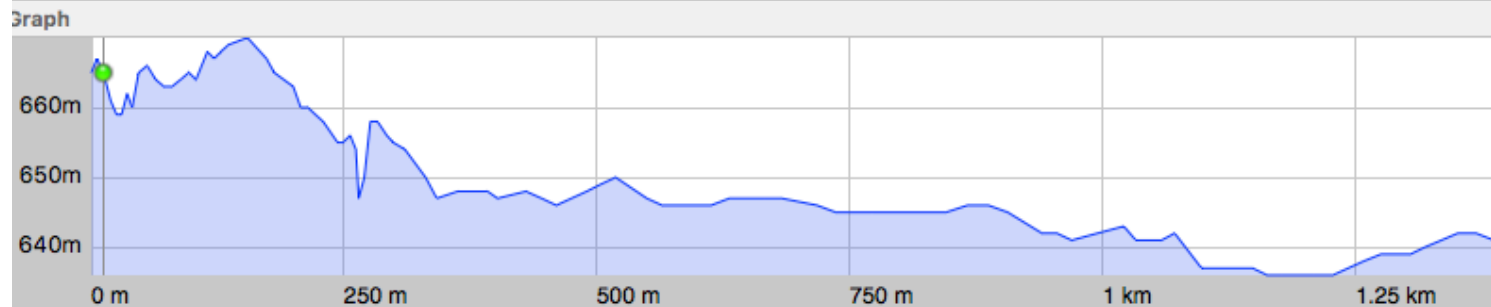
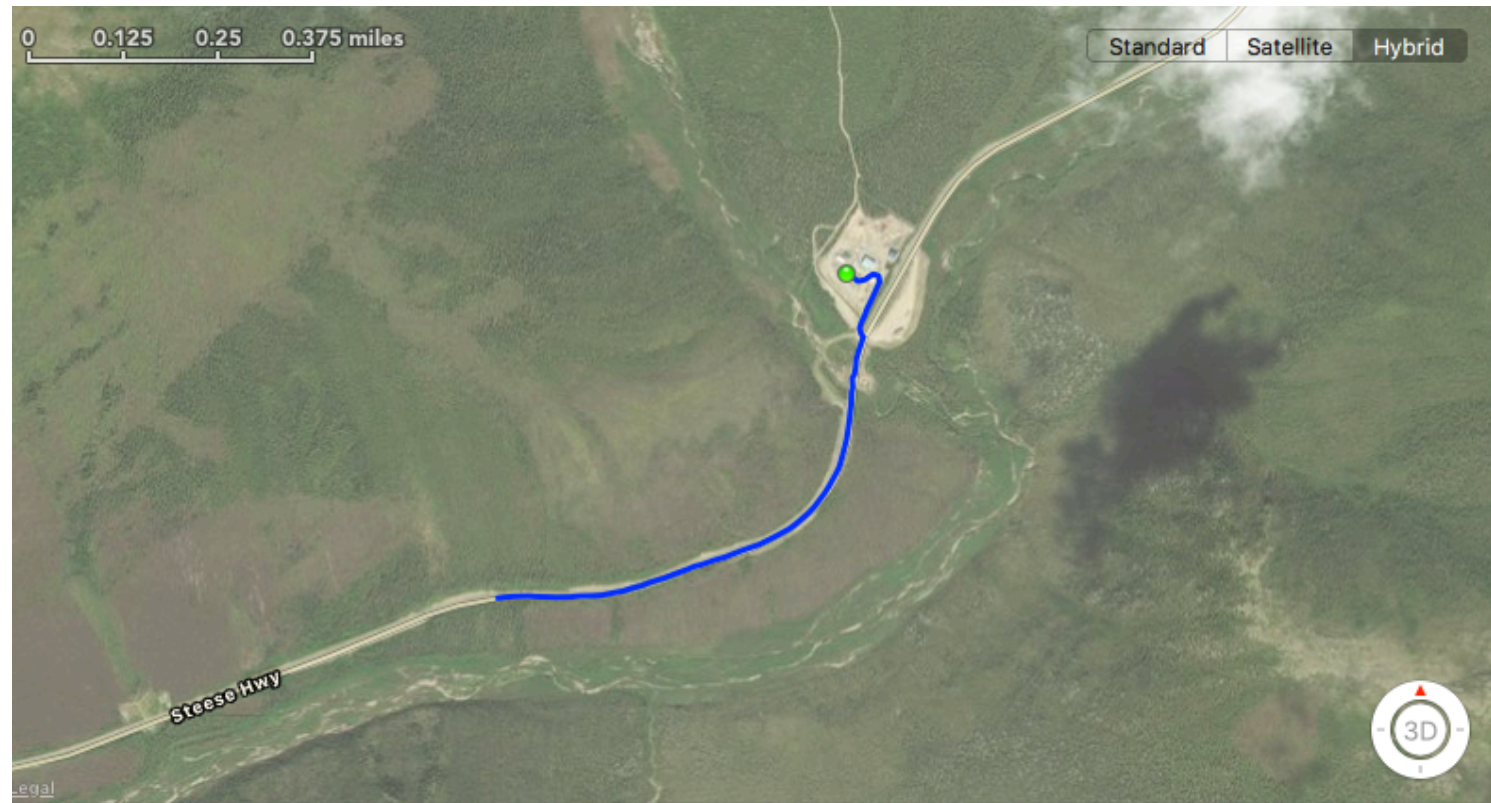
(DOT, Montana Creek)

(Lat(deg), Long(deg), Alt (m): 65.3637; -146.0895; 709.70)



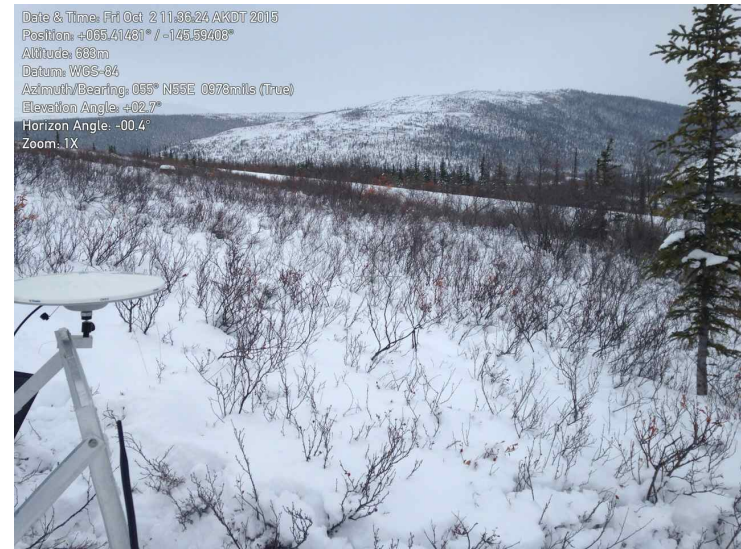


# Site: Mah09 (DOT, Montana Creek)



# Site: Mah13

Lat(deg), Long(deg), Alt (m): 65.4148; -145.5928; 712.48





# Site: Mah13

Duration: 1h 30m 07s / Length: 107.718 km

