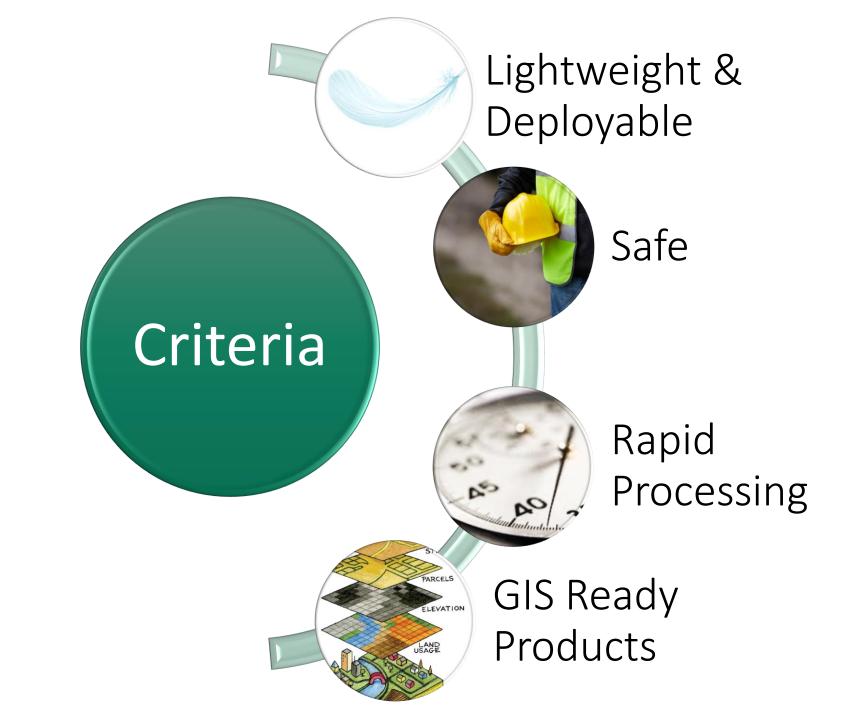
Monitoring forest health with UAS



Adam Zylka Maddy Zimmerman Lauren Cresanti Kelly Schulze











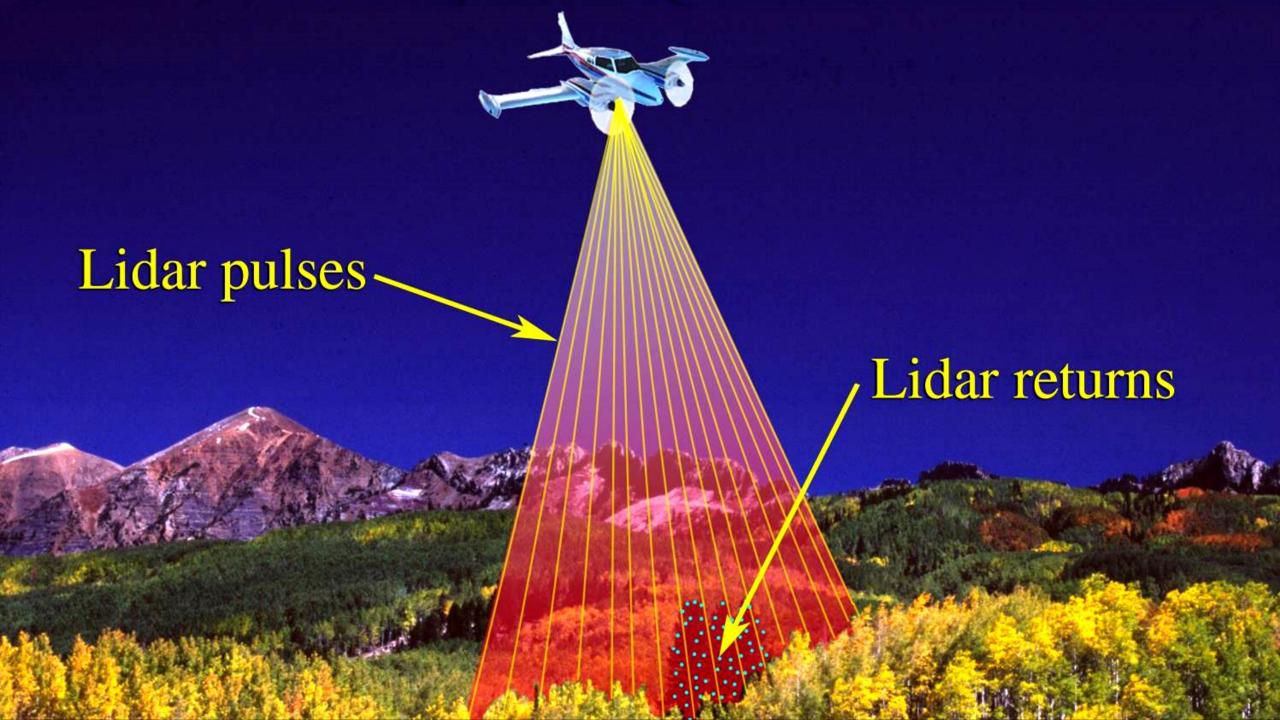
- DJI M300 RTK
- DJI Mavic 2 Pro

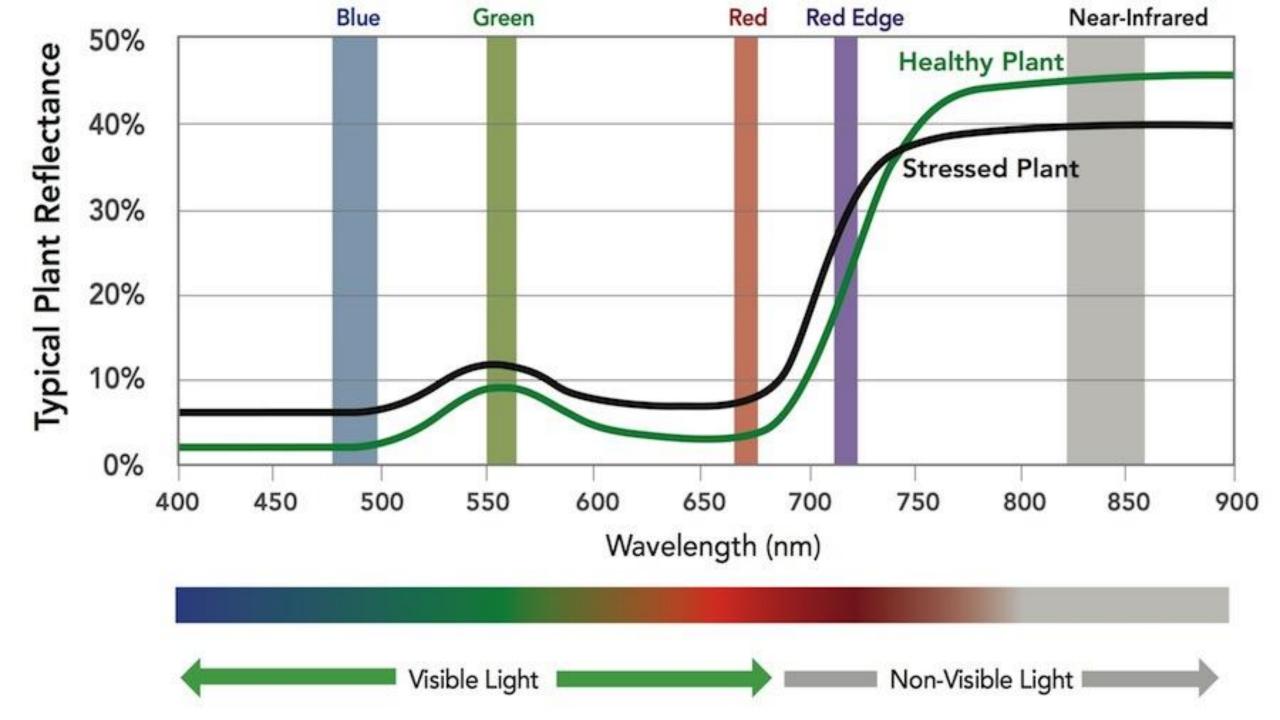




Sensors

- Yellowscan Mapper LiDAR
- MicaSense RedEdge-MX
 Dual Camera











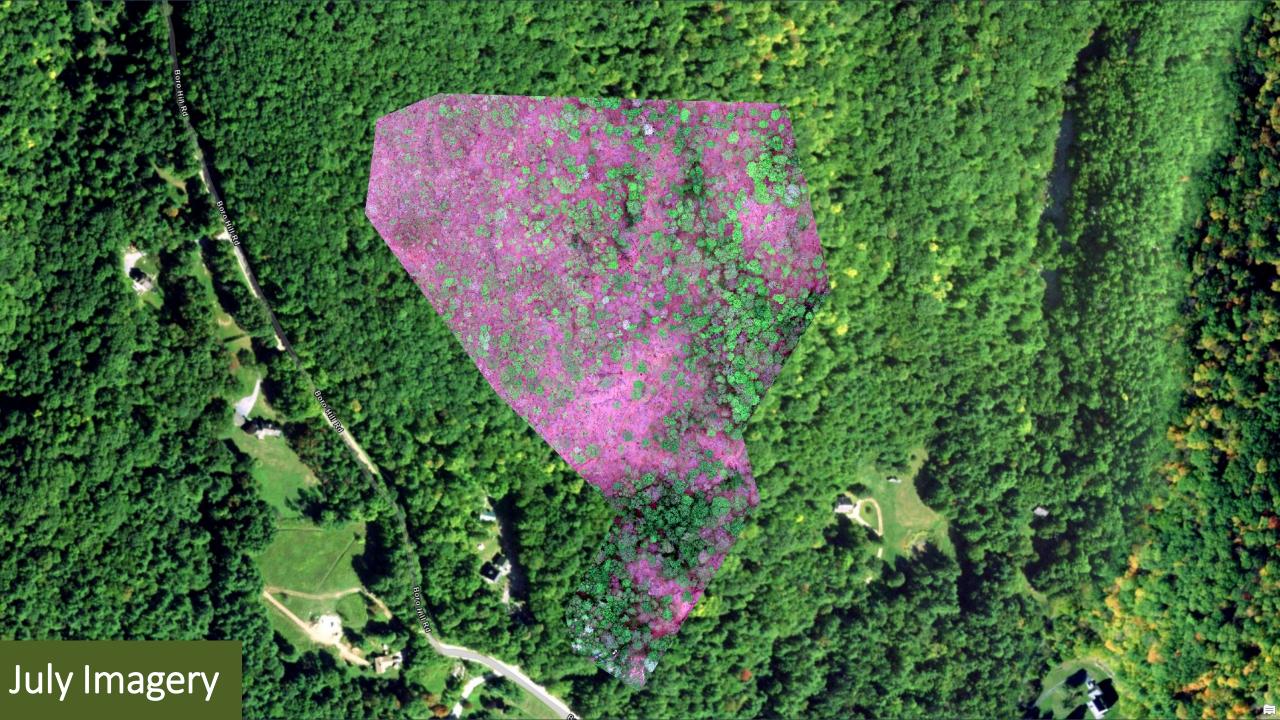




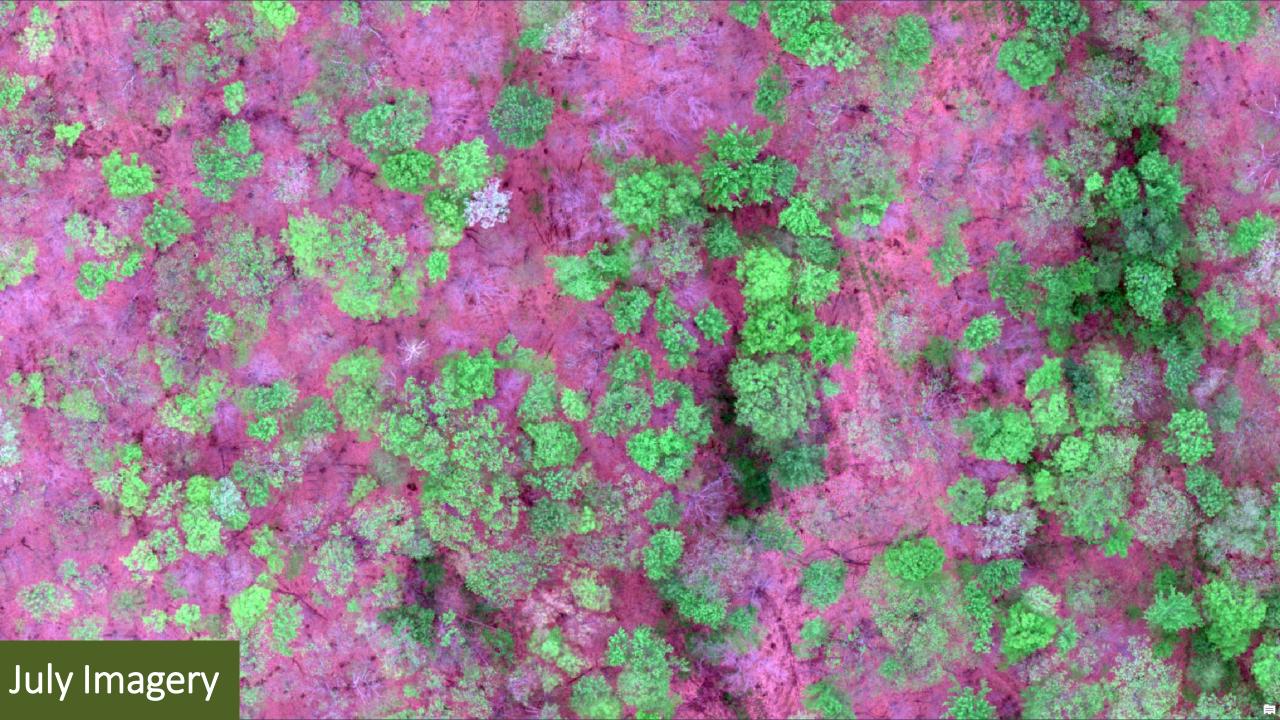




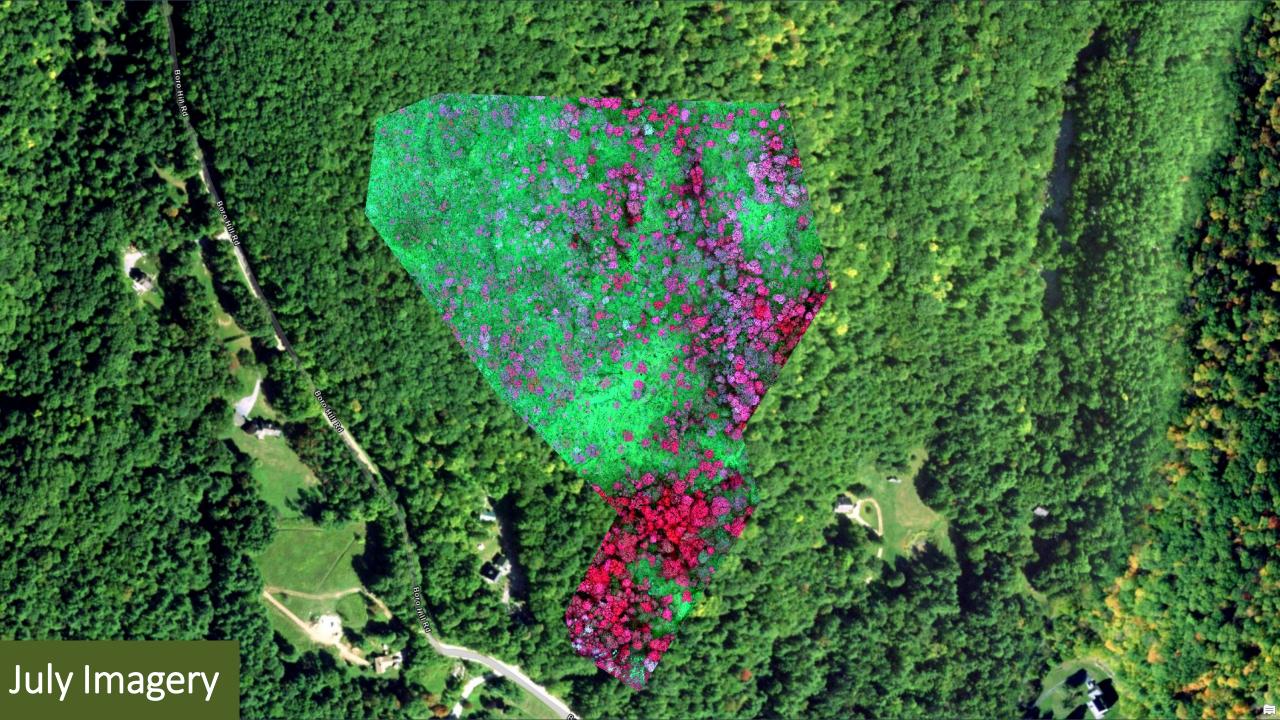








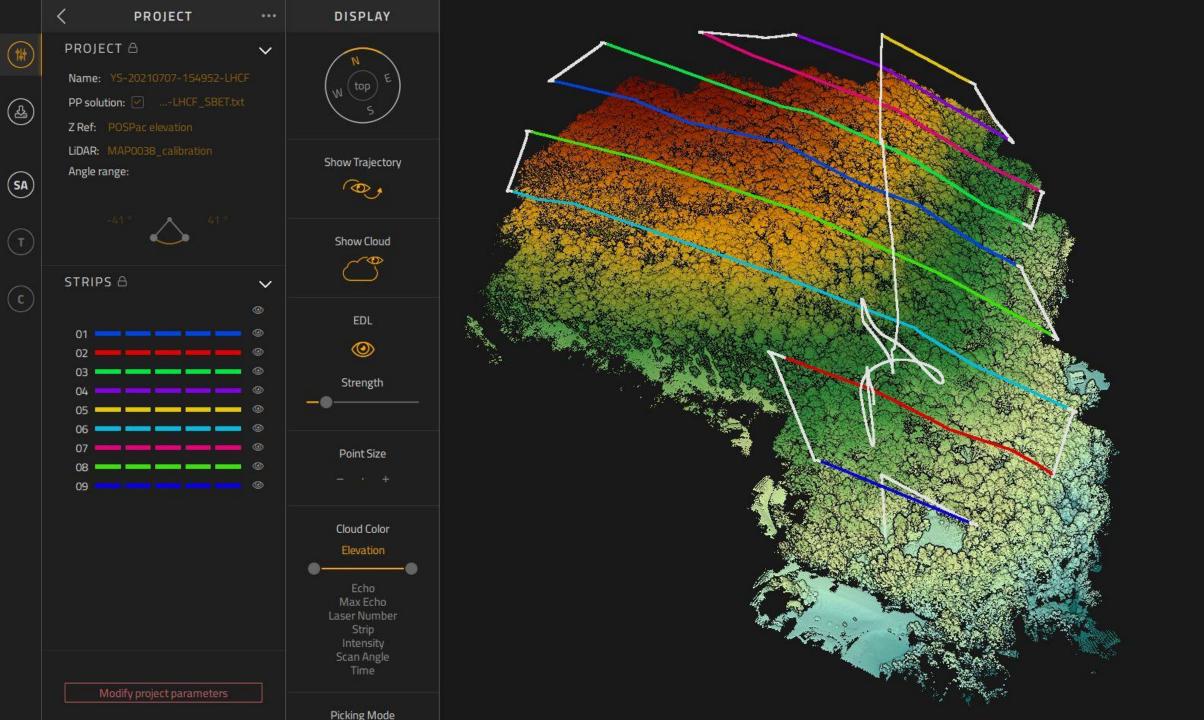


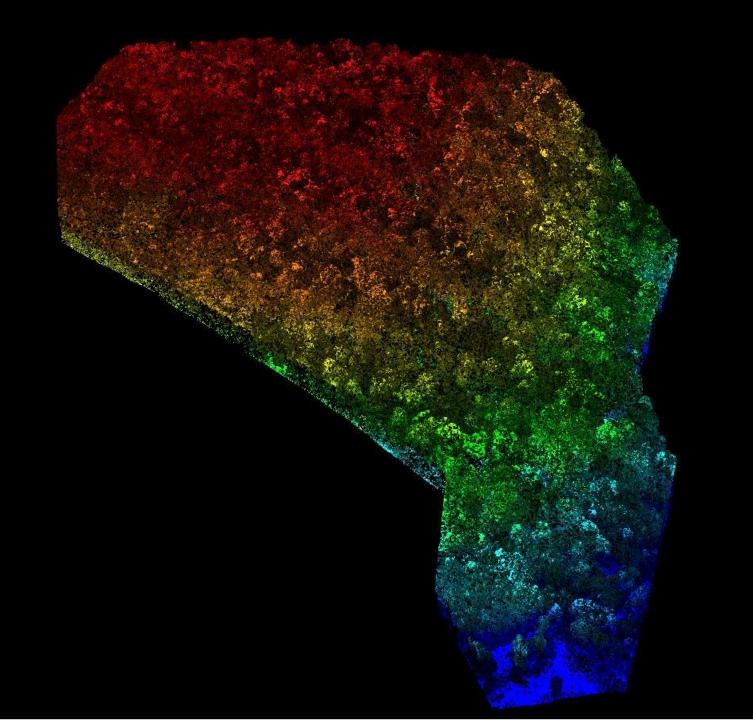






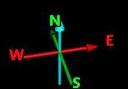


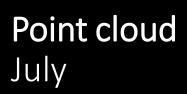


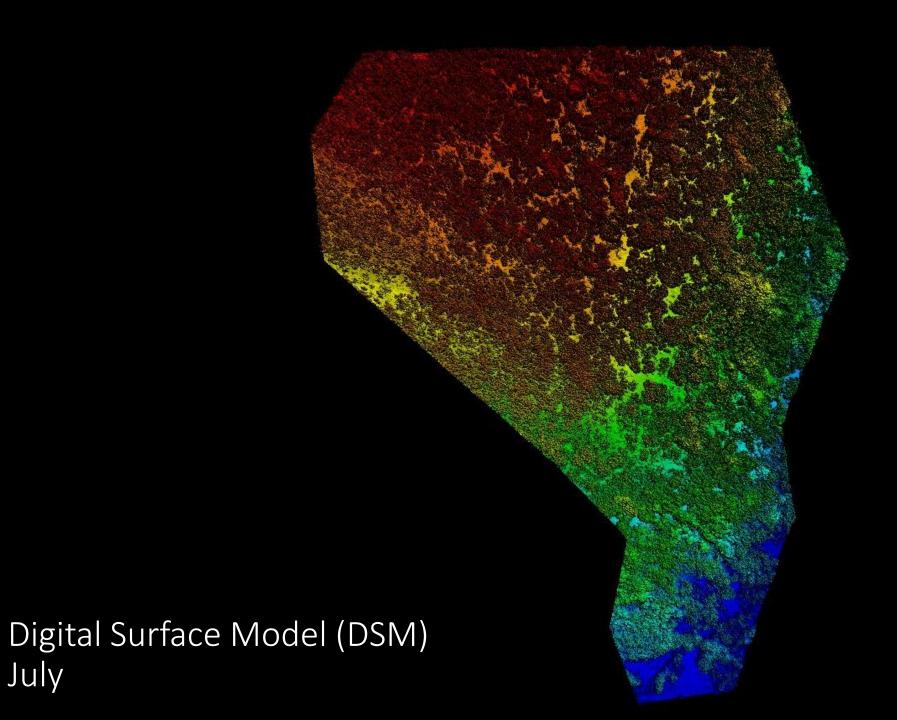


Height (m)

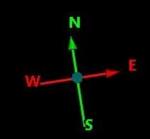
_ 275 m

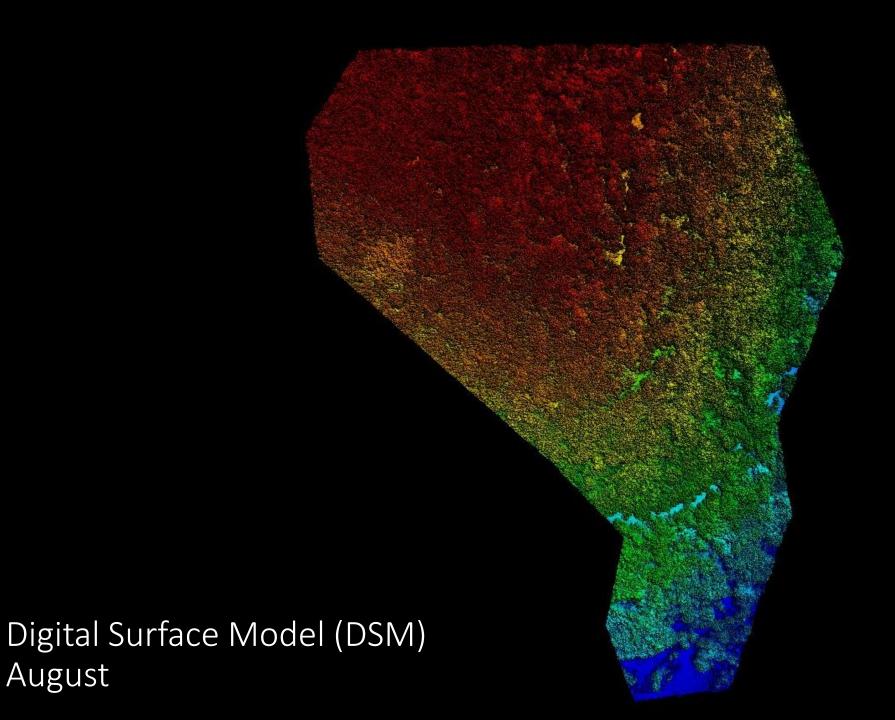




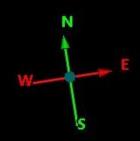


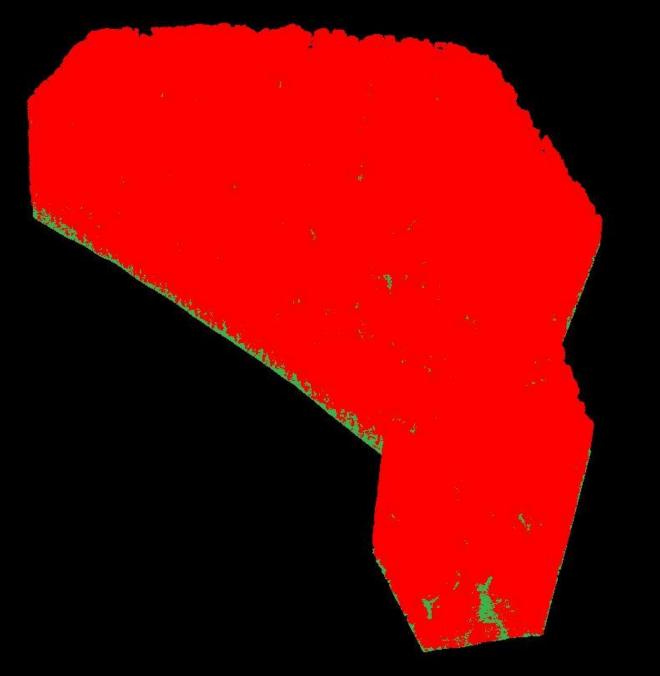
July



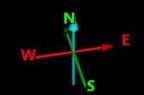


August





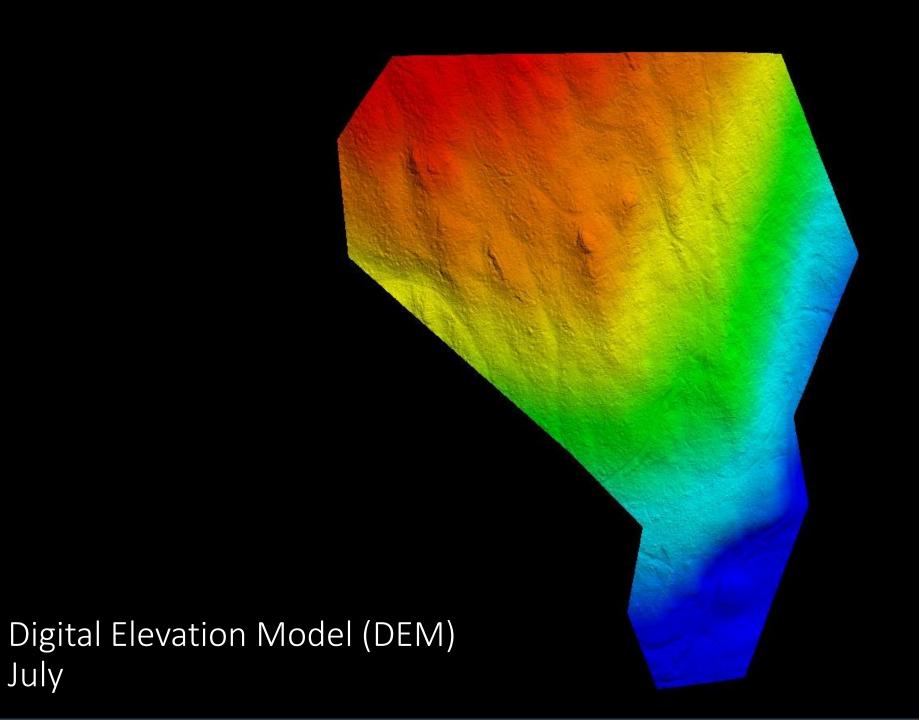
Classification



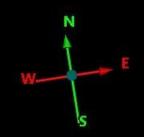
Classified Point Cloud

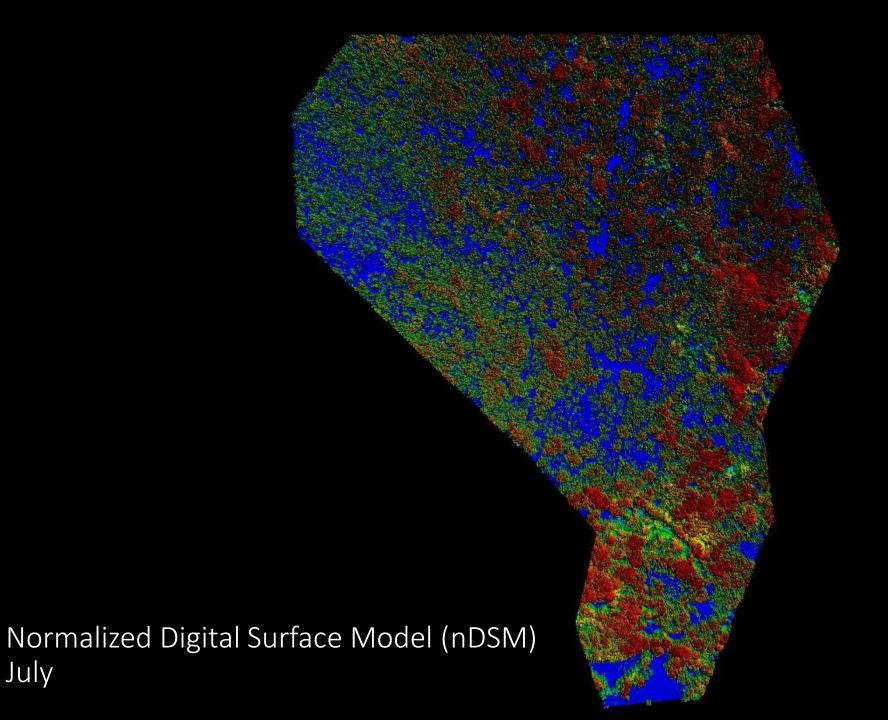
Red: Above ground

Green: Ground



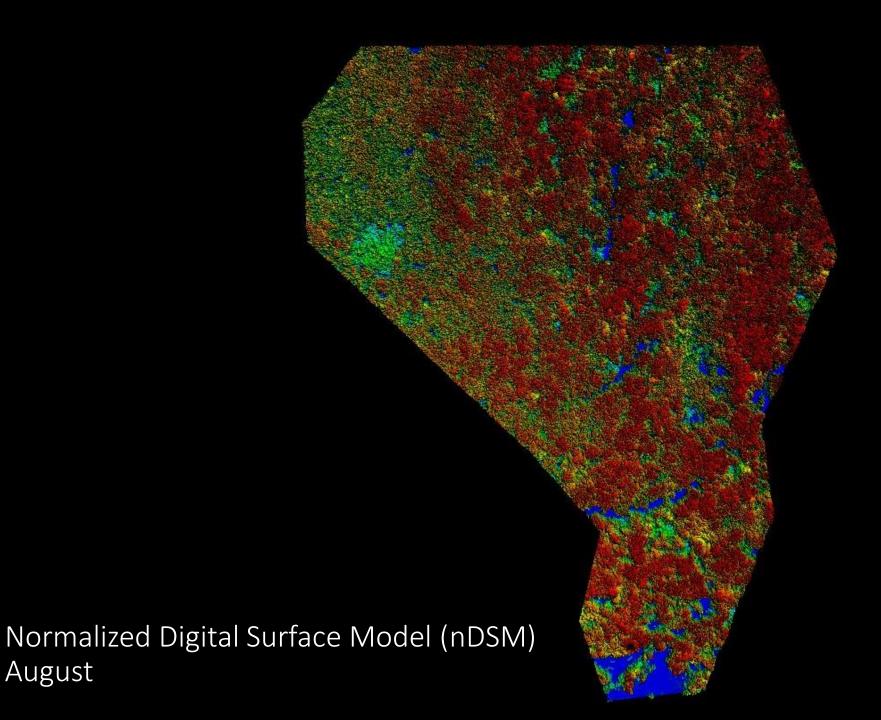
July





July





August

