Reserve: NOC (North Carolina NERR)

Contact: Brandon Puckett

Date: 5/11/2021

1) UAS platform used: Mavic 2 Pro

2) Sensor(s) used: RGB = Hasselblad; Multispec = Sentera D4k

3a) Coordinate system used for RTK GNSS surveys (GCPs, checkpoints, vegetation plots, ecotones): United States State Plane 1983; Z coordinate system = NAVD 1988

\*NOTE that using an RTK GPS to derive a NAVD88 or other orthometric height requires both an ellipsoid height (referenced to a geometric datum (e.g. NAD 83)) and geoid height (referenced to a hybrid geoid model (e.g. GEOID12A)).

b) Zone (if applicable): North Carolina 3200

c) Datum: NAD 1983 (Conus) (Mol)

d) Geoid: G12AUS

e) Units (distance): m

Notes: Ground data collected with 2 Trimble R8 GNSS systems. Survey style: VRS (Virtual Reference System).