

High Latitude Drone Network Flight Log Sheet

Flight ID: AK_HLY_NEO_FL015B **Pilot:** M. Loranty **Principle Investigator:** M. Loranty
Site Name: Healy **Subsite:** NEO **Date (yyyy/mm/dd):** 7/16/24
Aircraft Type: DJI Mavic III **Timezone:** AKDT **Take-Off (hh:mm):** 11:49 AM **Landing (hh:mm):** 2:20 PM
Flight Altitude (m): 30 **Estimated GSD (cm/pixel):** 1.4 **Duration (min):** 150
Weather
Windspeed (m/s): 2.24 **Sky conditions:** 6/8 **Temperature (°C):** 24
(see below)

Comments:
 variable sky conditions w/ sun and shade

Radiometric Calibration

Pre-Post Flight Calibration (tick as appropriate)
Panel ID: NA
 pre-flight which is most representative?
 pre-flight

 post flight
 post-flight

Inflight Targets

| Target ID | Position (GPS coordinates or relative description on site) | | | | |
|--|--|-------------|------------|------------------------|----------------------|
| | Latitude | Longitude | Height (m) | Horizontal Uncertainty | Vertical Uncertainty |
| NEON gcp1 - corner of boardwalk NE of flux tower | 63.87607044 | -149.212979 | 690.764 | 0.076 | 0.061 |
| | | | | | |
| | | | | | |

Sky Codes:

| | |
|--|---|
| 0 Clear sky | 5 Cumulus over most of sky – sun not obscured |
| 1 Haze | 6 Cumulus – sun obscured |
| 2 Thin cirrus – sun not obscured | 7 Complete cumulus cover |
| 3 Thin cirrus – sun obscured | 8 Stratus – sun obscured |
| 4 Scattered cumulus – sun not obscured | 9 Drizzle |