

# High Latitude Drone Network Flight Log Sheet

**Flight ID:** AK\_HLY\_NEO\_FL006B      **Pilot:** M. Loranty      **Principle Investigator:** M. Loranty  
**Site Name:** Healy      **Subsite:** NEON      **Date (yyyy/mm/dd):** 7/5/24  
**Aircraft Type:** DJI Mavic III      **Timezone:** AKDT      **Take-Off (hh:mm):** 11:12      **Landing (hh:mm):** 12:01  
**Flight Altitude (m):** 50      **Estimated GSD (cm/pixel):** 2.3      **Duration (min):** 49

**Weather**  
**Windspeed (m/s):** 5.4      **Sky conditions:** (see below)      **Temperature (°C):** 12.8  
 12 mph

**Comments:**  
 a little windy; boardwalk as ground control point

## Radiometric Calibration

**Pre-Post Flight Calibration**  
 Panel ID: NA      (tick as appropriate)  
 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