

# High Latitude Drone Network Flight Log Sheet

**Flight ID:** AK\_HLY\_NEO\_FL003B      **Pilot:** M. Loranty      **Principle Investigator:** M. Loranty  
**Site Name:** Healy      **Subsite:** NEON      **Date (yyyy/mm/dd):** 7/2/24  
**Aircraft Type:** DJI Mavic III      **Timezone:** AKDT      **Take-Off (hh:mm):** 10:30      **Landing (hh:mm):** 11:06  
**Flight Altitude (m):** 100      **Estimated GSD (cm/pixel):** 4.6 cm/pixel      **Duration (min):** 26  
**Weather**  
**Windspeed (m/s):** 11      **Sky conditions:** 5/6      **Temperature (°C):** 19  
(see below)

**Comments:**  
 very windy day; high wind velocity warning; sky codes started with 6 but changed to 5 later in the flight.

## 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
Reach Base Station	63.87858631	-149.2123351	682.858		

**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