

LGP Baseline Measurements 03/04 Season

General Site Description

Site Name Towles Glacier (neve/upper glacier) Photo: Rachel Brown



| | | |
|--|----------------------------|-------------------------------|
| Geographical coordinates | S 72 16.566" E 169 26.512" | From GPS |
| Elevation | 2200 masl | From map |
| Slope | Degrees | Note if estimated or measured |
| Date visited: 12 December 2003 | | |
| Aspect | | |
| Samples taken? Yes (hoping for 10 year record) | | |
| Photos taken? Yes | | |
| Aerial Photos available? Yes but old | | |
| Notes taken by Tim Fitzgibbon (Byrd Polar Research Centre, USA) see www.huey.colorado.edu/LTER/ | | |

Soil Parameters

N/A

Vegetation

N/A

Fauna

N/A

Glacial

| | |
|-----------------------|--|
| Ablation/accumulation | N/A |
| Ice temperature | N/A. |
| Snow pit measurements | 1 meter snow pit sampled at 10 cm interval and approximately 6 meters of firn core below snow pit sampled at 8 cm interval for major ions (Cl, N, SO ₄ , Na, K, Mg, Ca), and d18O, dD stable isotopes. The snow pit was also examined for density, grain shape and size, and water equivalency. |

Aquatic Non-Marine Systems

N/A

Aquatic Marine Systems

N/A

Environmental (AWS)

N/A