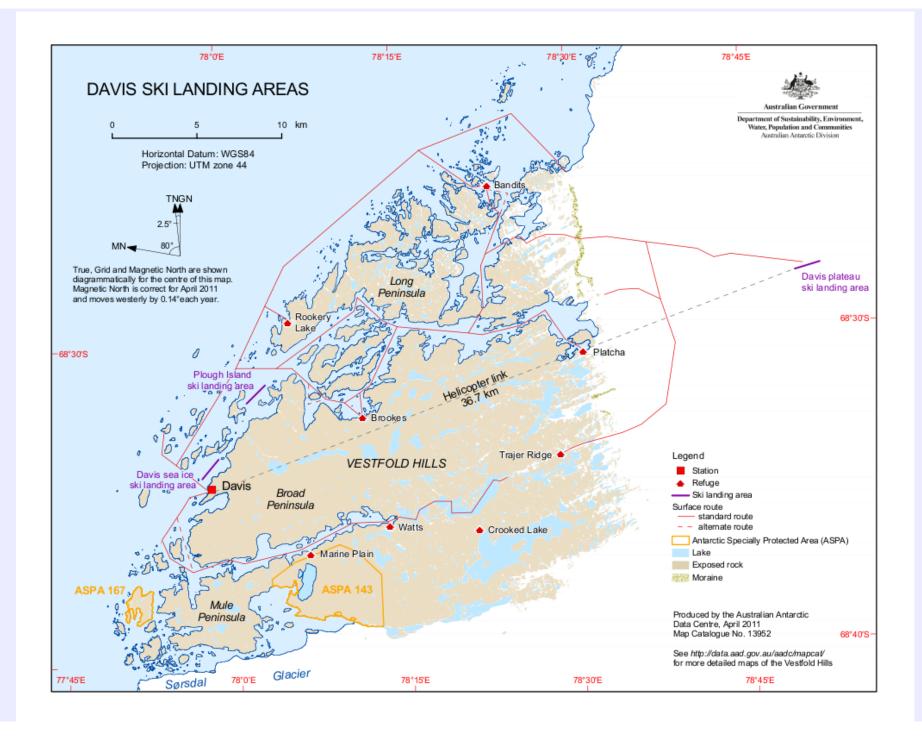


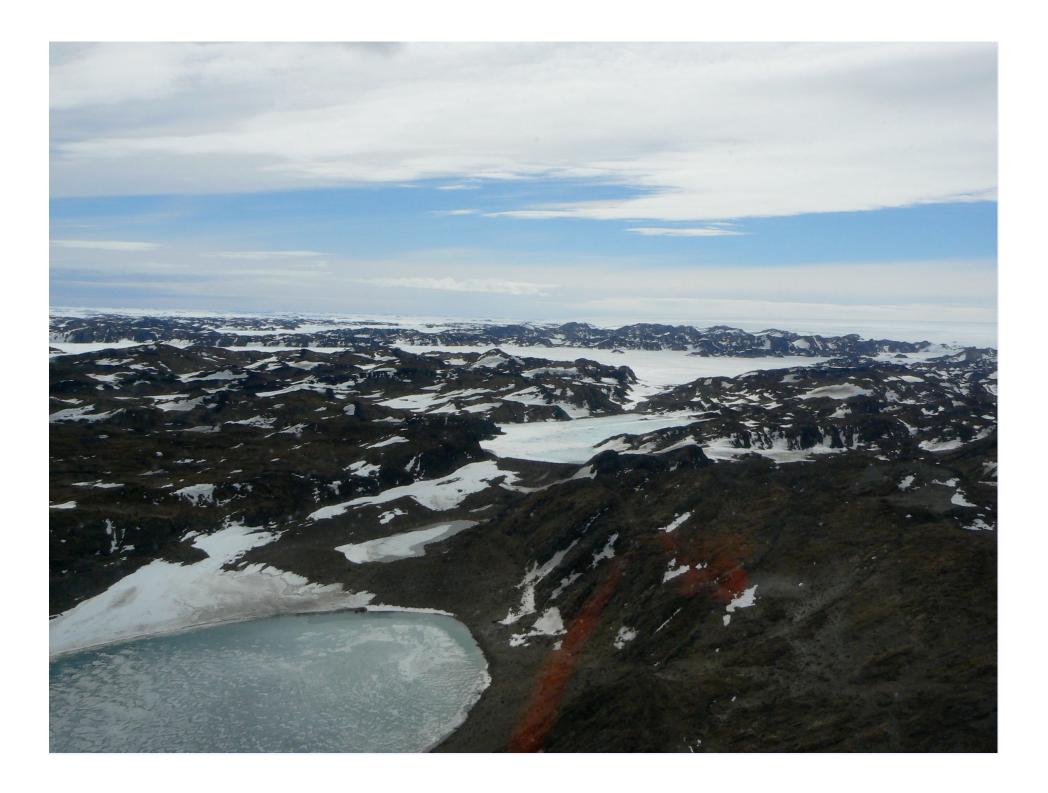


Davis 68.57 S 77.97 E 27.5m ASL

Woop Woop Skiway 68.48 S 78.82 E 545.0m ASL







Aircraft



Twin Otter



Basler



Squirrel helicopters

Significant weather affecting operations

- Winds
 - Blowing or drifting snow leading to
 - Reduced horizontal visibility
 - Reduced surface contrast
 - Katabatic jumps
 - Turbulence especially over Vestfold Hills
- Precipitation
- Cloud type and cover affecting
 - Icing potential
 - Surface contrast
 - Horizon definition



Forecasting tools



- Surface observations
- Upper air observations
- Satellite images
- Numerical models



AMPS – a forecaster's perspective

Strengths

- Highest resolution
- Most accurate wind speeds
- Mesoscale features eg Prydz Bay Low, katabatic jump

Weaknesses

- Unreliable beyond about FH +72
- Cloud vs 1km RH
- Pre-defined areas and locations

