



# HELO Weather

**McMurdo Weather**  
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Iridium: 00 8816 7632 0030  
Duty Forecaster: x42524  
Briefing Counter: x43353

Date (L): Thursday 07 January 2021

Brief Time (L): 0615

Briefing Number: 01-04

FCSTR: John Meyer

## REGIONAL SUMMARY

Another low pressure circulation on the Ross Ice Shelf is funneling clouds, low-level moisture, and winds into the Ross Island region this morning. As the clouds continue to move in, ceilings will drop, enveloping mountain peaks within the clouds. Surface locations are expected to have precipitation later today, and with temperatures around the melting point, sleet is not out of the question, along with the icing threat. Winds will also increase today in the lower levels, bringing a turbulence threat to the exposed areas within McMurdo Sound.

## HAZARDS

Light to moderate rime icing at all locations as low clouds invade the area. Precip below the clouds will also produce icing conditions.

Light to moderate turbulence at exposed terrain locations such as Black Island.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 061655Z AUTO 04003KT 9999 SCT080 M01/M04 A2881 RMK AO1 SLP760 GRID21003KT=

## RUNWAY TAFS

TAF NZFX 061459Z 0615/0715 (0704/0804NZDT) VRB06KT 9999 FEW015 SCT090 BKN240 QNH2881INS  
BECMG 0619/0621 (0708/0710) 15009KT 9999 SCT040 BKN060 BKN100 QNH2880INS GRID32009KT  
TEMPO 0621/0624 (0710/0713) 17015G23KT 9999 DRSN BKN030 BKN050 OVC090 GRID34015G23KT  
BECMG 0700/0702 (0713/0715) 17012G18KT 9999 SCT030 BKN070 OVC100 QNH2878INS GRID34012G18KT  
BECMG 0706/0708 (0719/0721) 07013KT 9999 BKN030 BKN050 BKN100 QNH2880INS GRID24013KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 07/0600L – 07/1800L)

**SFC WIND (TRUE):** VRB06KT BECMG 15018G28KT AFT 9L

**SFC VISIBILITY (SM):** UNRES TEMPO 2 – 4 -SN BR 10-16L

**SKY CONDITION (AGL):** BKN070 BECMG BKN030 OVC060 AFT 9L

**MIN ALSTG:** 2877INS

**HAZARDS:** NIL BECMG LGT-MDT ICG 030-090 AFT 9L

## SITE & AREA FORECASTS (VALID TIME: 07/0600L – 07/1800L)

### BLACK ISLAND

**SFC WIND (TRUE):** 17015KT BECMG 19030G45KT AFT 8L

**SFC VISIBILITY (SM):** 1 – 3 BR BECMG 1/2 – 1 -SN BR AFT 9L

**SKY CONDITION (AGL):** BKN060 BECMG BKN020 OVC050 AFT 8L

**MIN ALSTG:** 2877INS

**HAZARDS:** NIL BECMG LGT-MDT ICG SFC-080 AFT 8L / NIL BECMG LGT-MDT TURBC SFC-050 AFT 8L

### CONEZ

**SFC WIND (TRUE):** 19020G30KT

**SFC VISIBILITY (SM):** 1/2 – 1 -SN BR

**SKY CONDITION (AGL):** OVC000

**MIN ALSTG:** 2806INS  
**HAZARDS:** MDT ICG SFC-030

**MT COATES**

**SFC WIND (TRUE):** 32010KT  
**SFC VISIBILITY (SM):** UNRES TEMPO 2 – 4 -SN BR 8-16L  
**SKY CONDITION (AGL):** SCT000 BKN020 OVC040  
**MIN ALSTG:** 2839INS  
**HAZARDS:** LGT ICG SFC-050

**MT VOSLIPS**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** 3 – 5 BR TEMPO 1 – 3 -SN BR 8-16L  
**SKY CONDITION (AGL):** SCT000 BKN040 OVC060  
**MIN ALSTG:** 2853INS  
**HAZARDS:** LGT-MDT ICG SFC-080

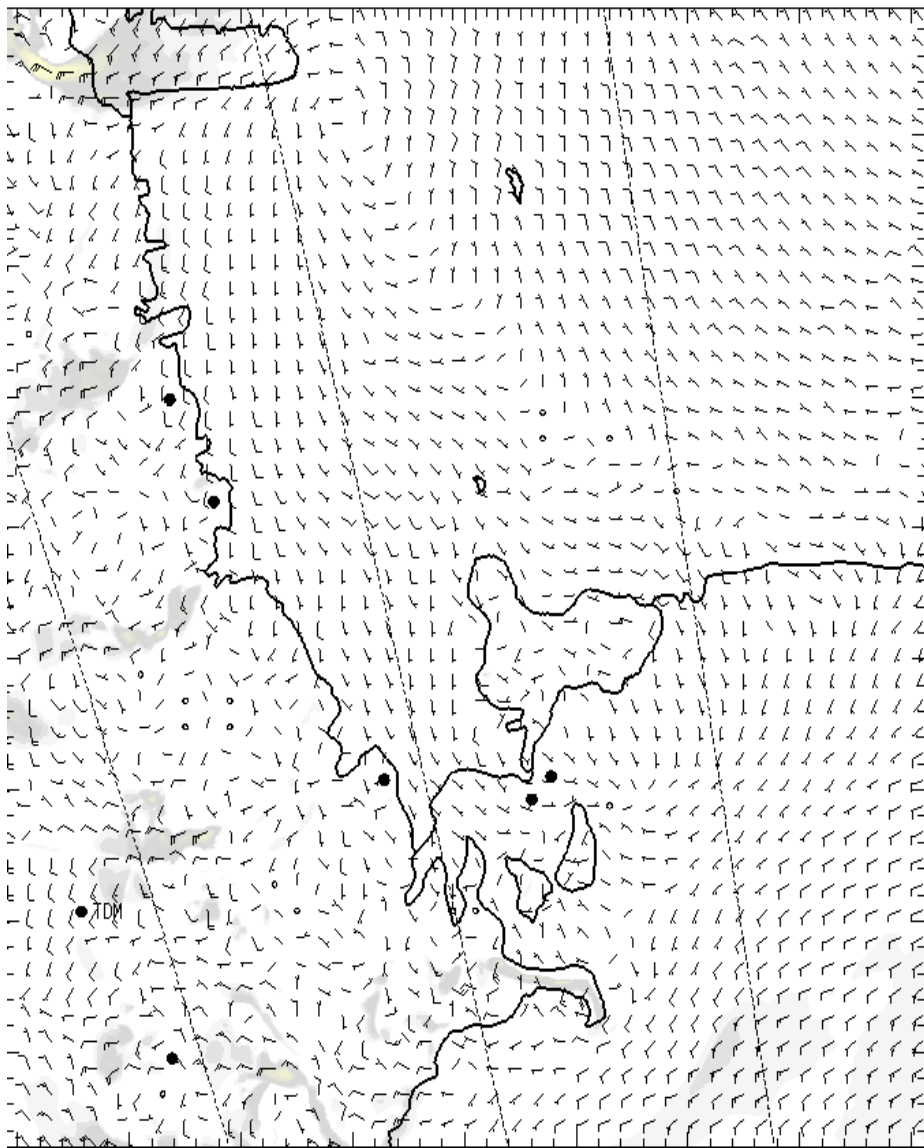
**PEAK 1882**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNRES TEMPO 1 – 3 -SN BR 8-16L  
**SKY CONDITION (AGL):** BKN000 BKN020 OVC040  
**MIN ALSTG:** 2842INS  
**HAZARDS:** LGT-MDT ICG SFC-050

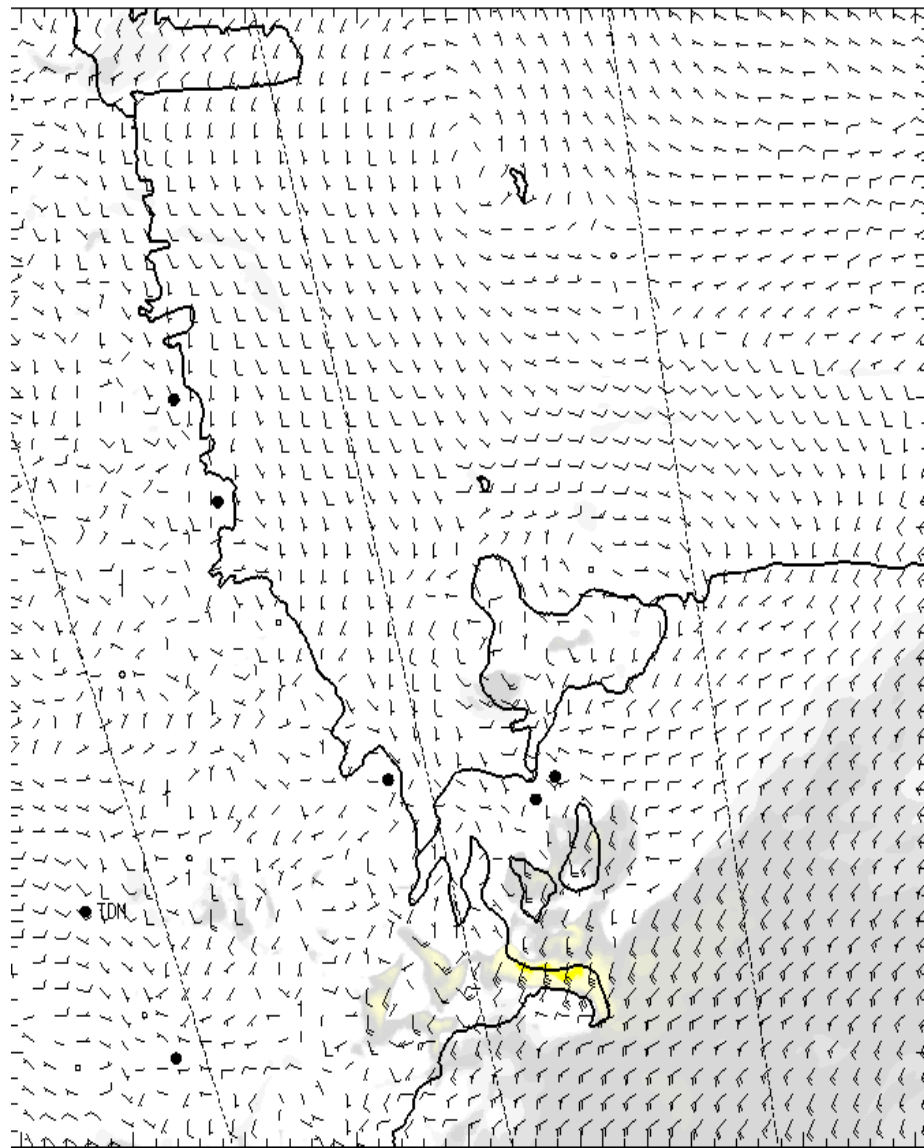
**NIGHT AREA OUTLOOKS (VALID TIME: 07/1800L – 08/0600L)**

**NIL**

# SFC

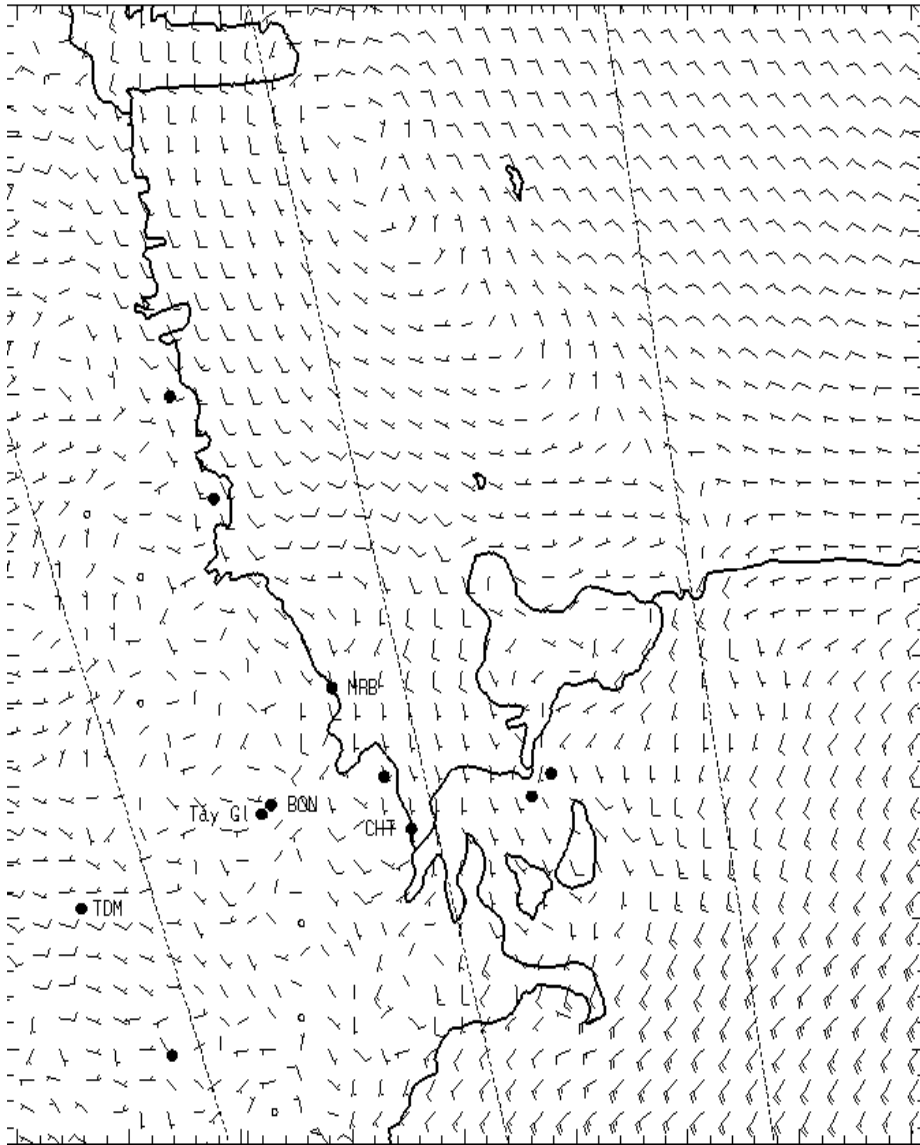


0700L

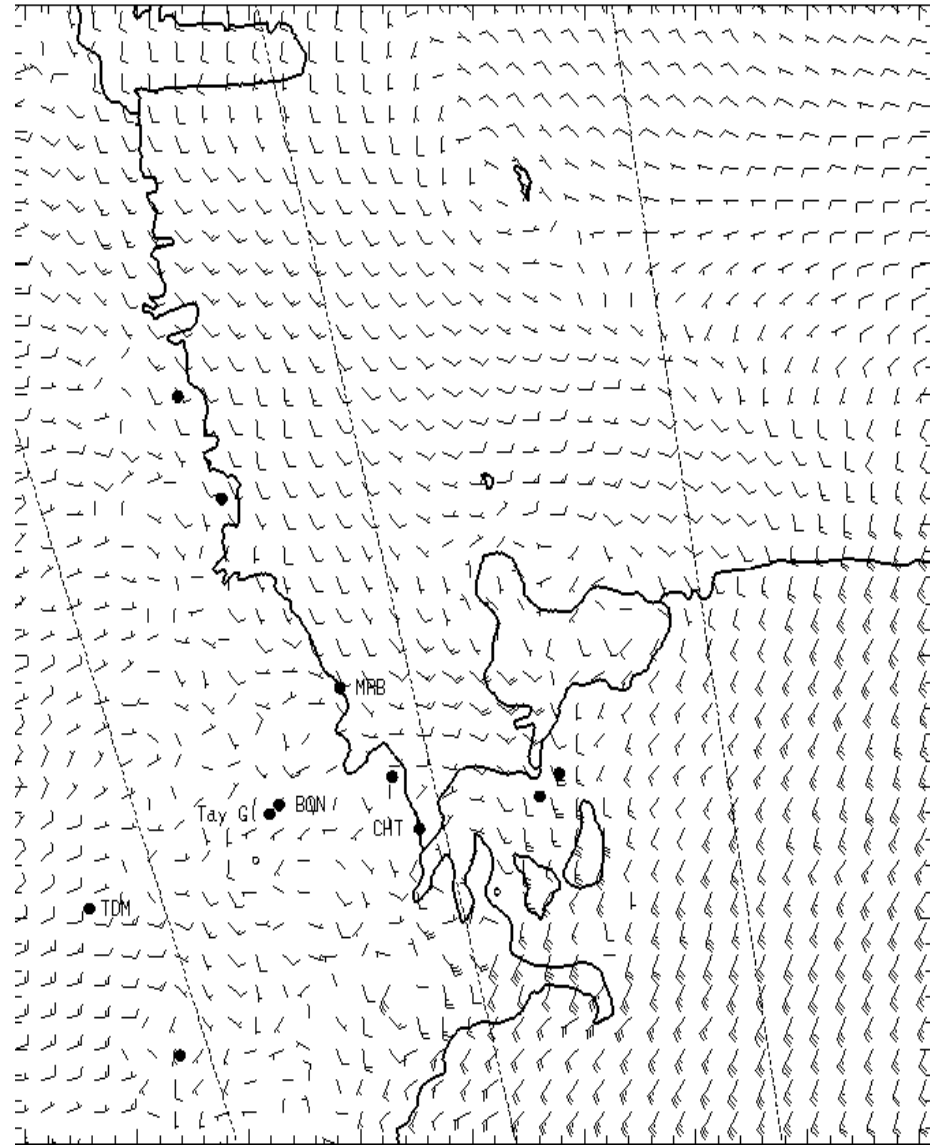


1300L

# 1,000 ft AGL

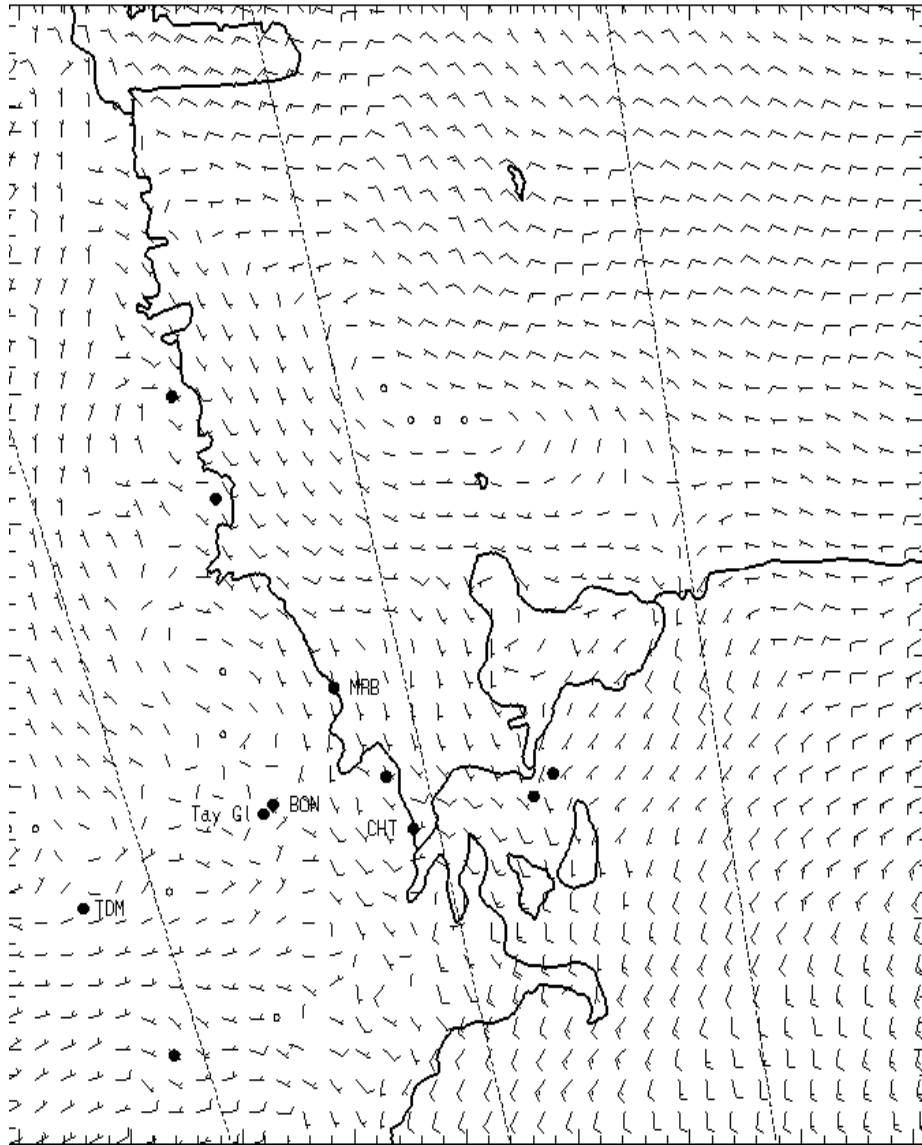


0700L

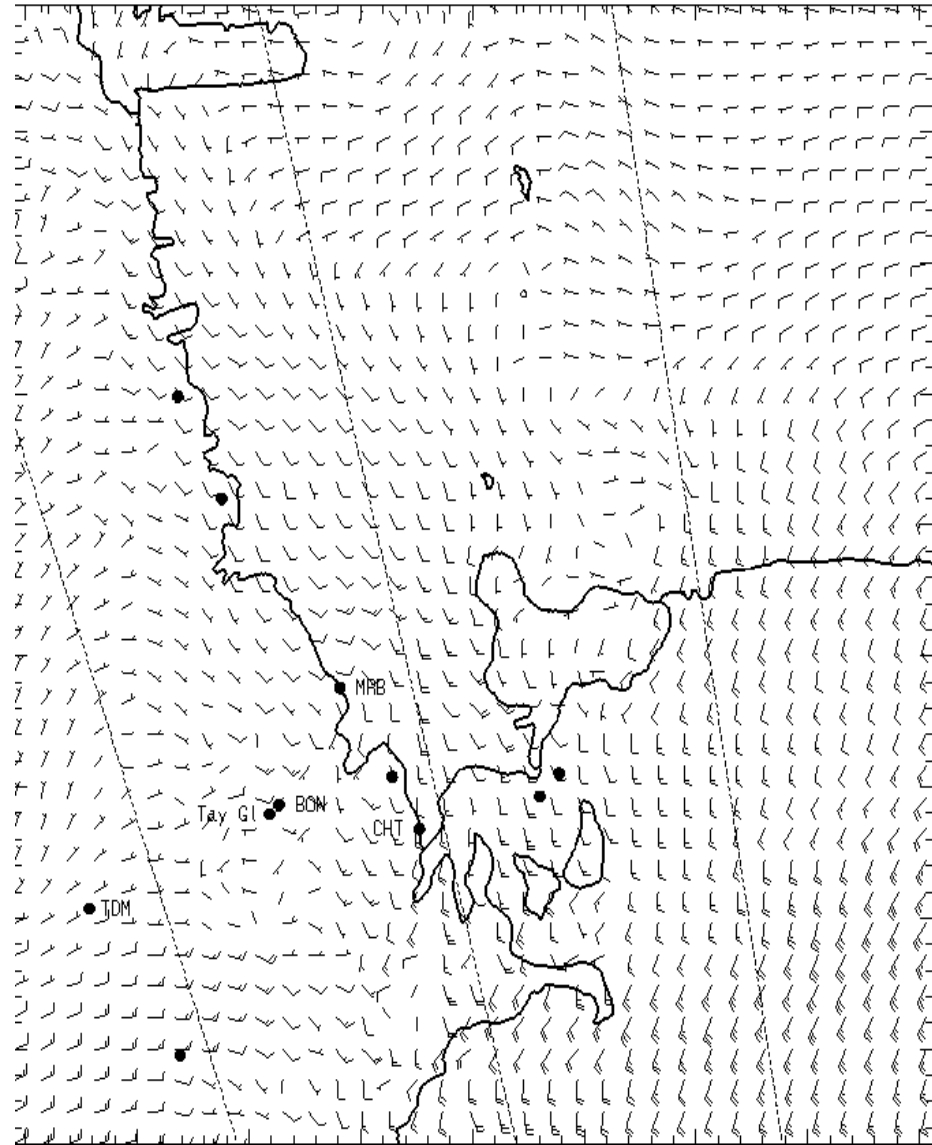


1300L

# 3,000 ft AGL

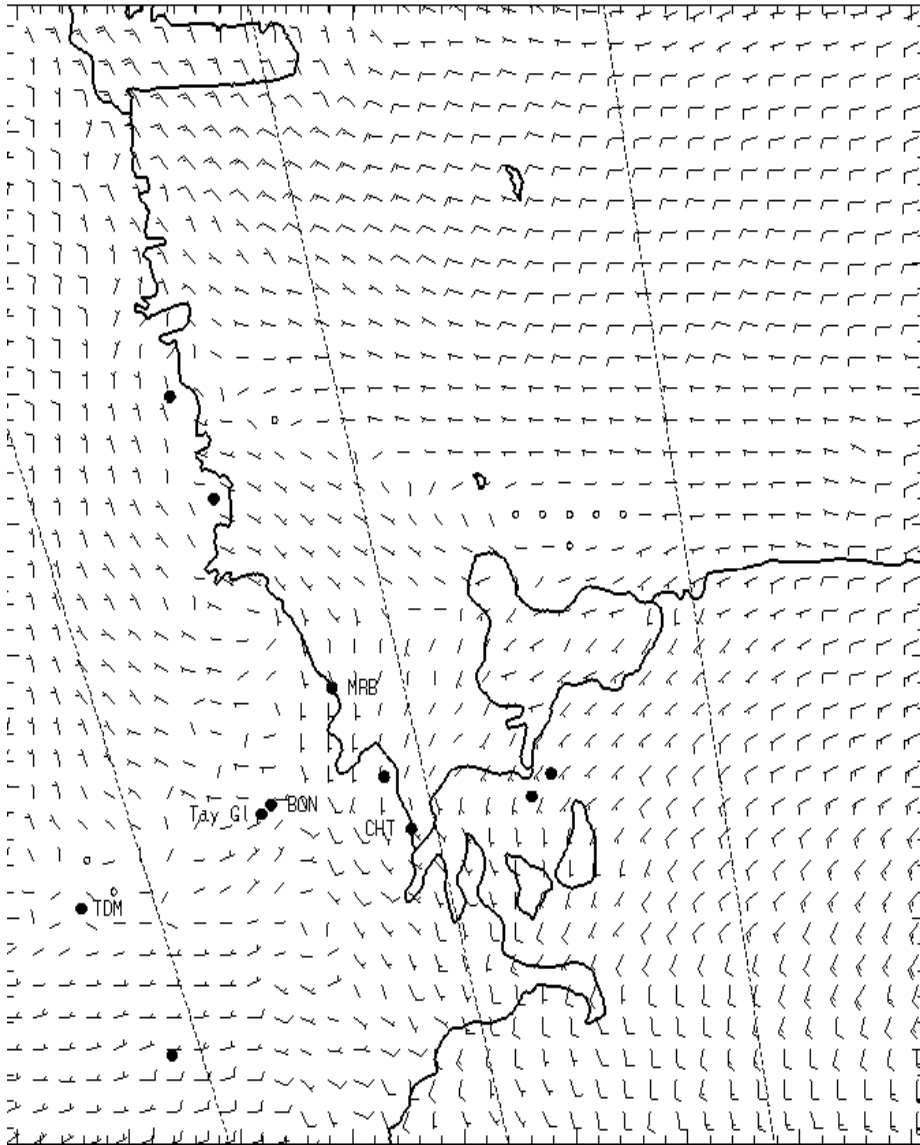


0700L

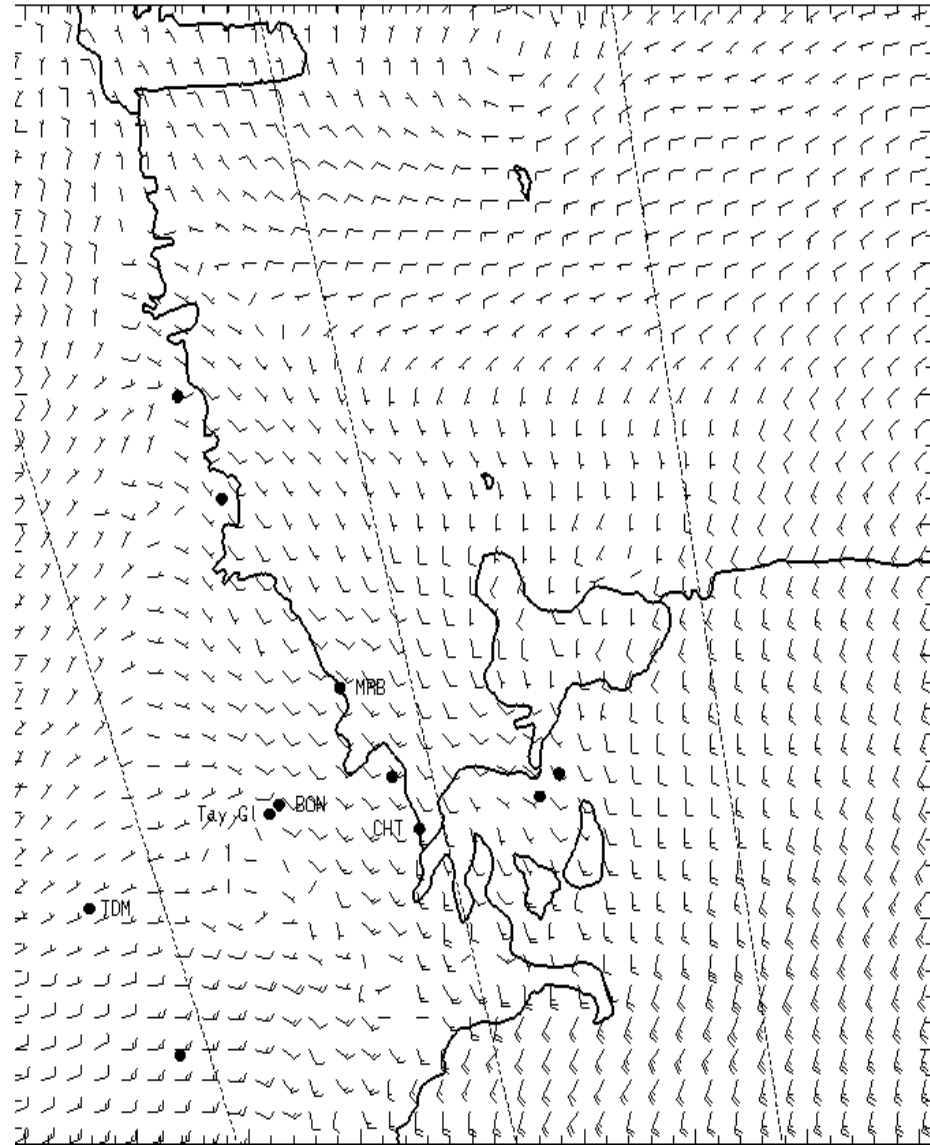


1300L

# 5,000 ft AGL



0700L



1300L