



# HELO Weather

McMurdo Weather  
Email: mcm.weather.forecaster@usap.gov  
Iridium: 00 8816 7632 0030  
Duty Forecaster: x42524  
Briefing Counter: x43353

Date (L): Wednesday, 7 December 2022

Brief Time (L): 0615

Briefing Number: 12-06

FCSTR: Alan Stratton

## REGIONAL SUMMARY

High pressure located in the west-central Ross Sea is weakening, leaving the region at the mercy of small scale circulations. Generally fair conditions are expected in the Dry Valleys with small low pressure circulations expected to transit around Ross Island today producing periods of low ceilings and brief periods of light snow mostly over the Windless Bight and eastern Ross Island.

## HAZARDS

Brisk westerly winds over the plateau will create areas of light to occasional moderate turbulence along the higher ridges of the Dry Valleys.

## LATEST MCMURDO OBSERVATION

METAR NZCM 061655Z AUTO 0000KT 9999 SKC M05/M10 A2904 RMK AO2 SLP838 T10451103=

## RUNWAY TAFS

TAF NZFX 061651Z 0615/0715 (0704/0804NZDT) 04008KT 9999 FEW020 FEW200 QNH2898INS GRID21008KT  
BECMG 0620/0622 (0709/0711) VRB06KT 9999 SCT015 SCT200 QNH2905INS  
TEMPO 0622/0701 (0711/0714) BKN015  
BECMG 0704/0706 (0717/0719) VRB06KT 9999 FEW015 FEW100 SCT200 QNH2908INS

TAF AMD NZWD 061651Z 0616/0715 (0705/0804NZDT) 05008KT 9999 FEW020 SCT200 QNH2897INS GRID22008KT  
TEMPO 0616/0619 (0705/0708) 0200 FZFG BKN000 FZFG BKN000  
BECMG 0618/0620 (0707/0709) VRB06KT 9999 SCT015 SCT200 QNH2905INS  
TEMPO 0620/0624 (0709/0713) 8000 -SN BKN015  
BECMG 0707/0709 (0720/0722) VRB06KT 9999 FEW015 FEW100 SCT200 QNH2909INS

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

**SFC WIND (TRUE):** 10011KT, OCNL 06012G20KT AFT 13L  
**SFC VISIBILITY (SM):** 9999. TEMPO 11-14L 6 –SN  
**SKY CONDITION (AGL):** FEW020 SCT060 SCT200. TEMPO 11-14L BKN010  
**MIN ALSTG:** 2900INS  
**HAZARDS:** OCNL LGT RIME ICG 010-030 10-13L

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

### BLACK ISLAND

**SFC WIND (TRUE):** VRB06KT, BECMG 09012KT  
**SFC VISIBILITY (SM):** 9999. TEMPO 10-13 VC BR

**SKY CONDITION (AGL):** FEW020 SCT050 SCT200. TEMPO 10-13L SCT005

**MIN ALSTG:** 2900INS

**HAZARDS:** NIL

**SCOTT BASE**

**SFC WIND (TRUE):** 04009KT

**SFC VISIBILITY (SM):** 9999, TEMPO 10-13L 4-6 -SN

**SKY CONDITION (AGL):** FEW020 SCT060 SCT200. TEMPO 10-13L BKN010

**MIN ALSTG:** 2900INS

**HAZARDS:** OCNL LGT RIME ICG 010-030 10-13L

**LAKE BONNEY**

**SFC WIND (TRUE):** VRB06KT, BECMG 04011KT AFT 16L

**SFC VISIBILITY (SM):** 9999

**SKY CONDITION (AGL):** FEW045 SCT200

**MIN ALSTG:** 2899INS

**HAZARDS:** OCNL LGT TURBC 005-020

**LAKE FRYXELL**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** 9999

**SKY CONDITION (AGL):** SCT050 SCT200

**MIN ALSTG:** 2897INS

**HAZARDS:** OCNL LGT TURBC 005-020

**LAKE HOARE**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** 9999

**SKY CONDITION (AGL):** FEW045 SCT200

**MIN ALSTG:** 2895INS

**HAZARDS:** OCNL LGT TURBC 005-020

**COMMONWEALTH GL**

**SFC WIND (TRUE):** 18010KT

**SFC VISIBILITY (SM):** 9999

**SKY CONDITION (AGL):** FEW020 SCT050

**MIN ALSTG:** 2898INS

**HAZARDS:** OCNL LGT TURBC 005-020

**F6**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** 9999

**SKY CONDITION (AGL):** SCT050 SCT200

**MIN ALSTG:** 2904INS

**HAZARDS:** OCNL LGT TURBC 005-020

**ELLB**

**SFC WIND (TRUE):** VRB06KT, BECMG 04011KT AFT 16L

**SFC VISIBILITY (SM):** 9999

**SKY CONDITION (AGL):** FEW045 SCT200

**MIN ALSTG:** 2899INS

**HAZARDS:** OCNL LGT TURBC 005-020

**LINDA AWS**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** 9999

**SKY CONDITION (AGL):** FEW020 SCT150 SCT200

**MIN ALSTG:** 2874INS

**HAZARDS:** NIL

**WINDLESS BIGHT**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** 9999. VC BR AFT17L

**SKY CONDITION (AGL):** FEW020 SCT050 SCT200. TEMPO 10-14L SCT015

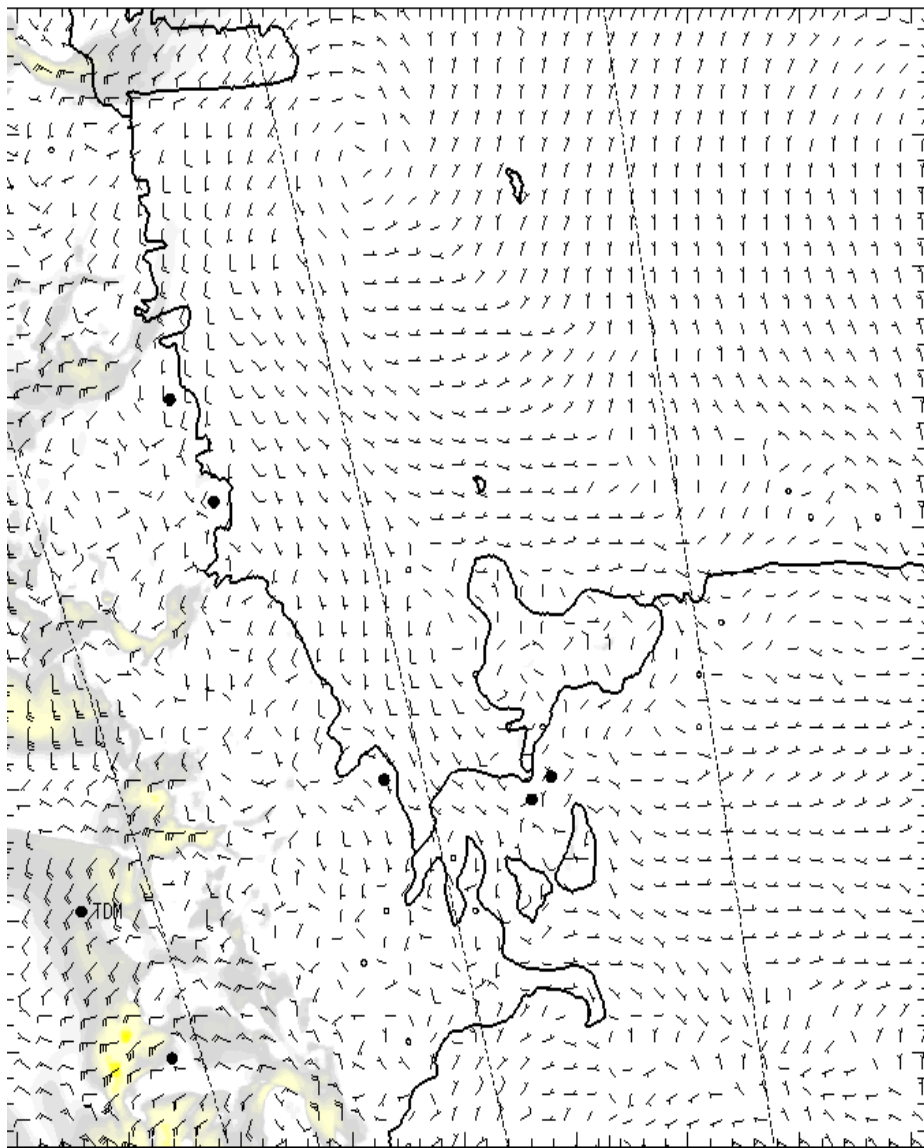
**MIN ALSTG:** 2877INS

**HAZARDS:** NIL

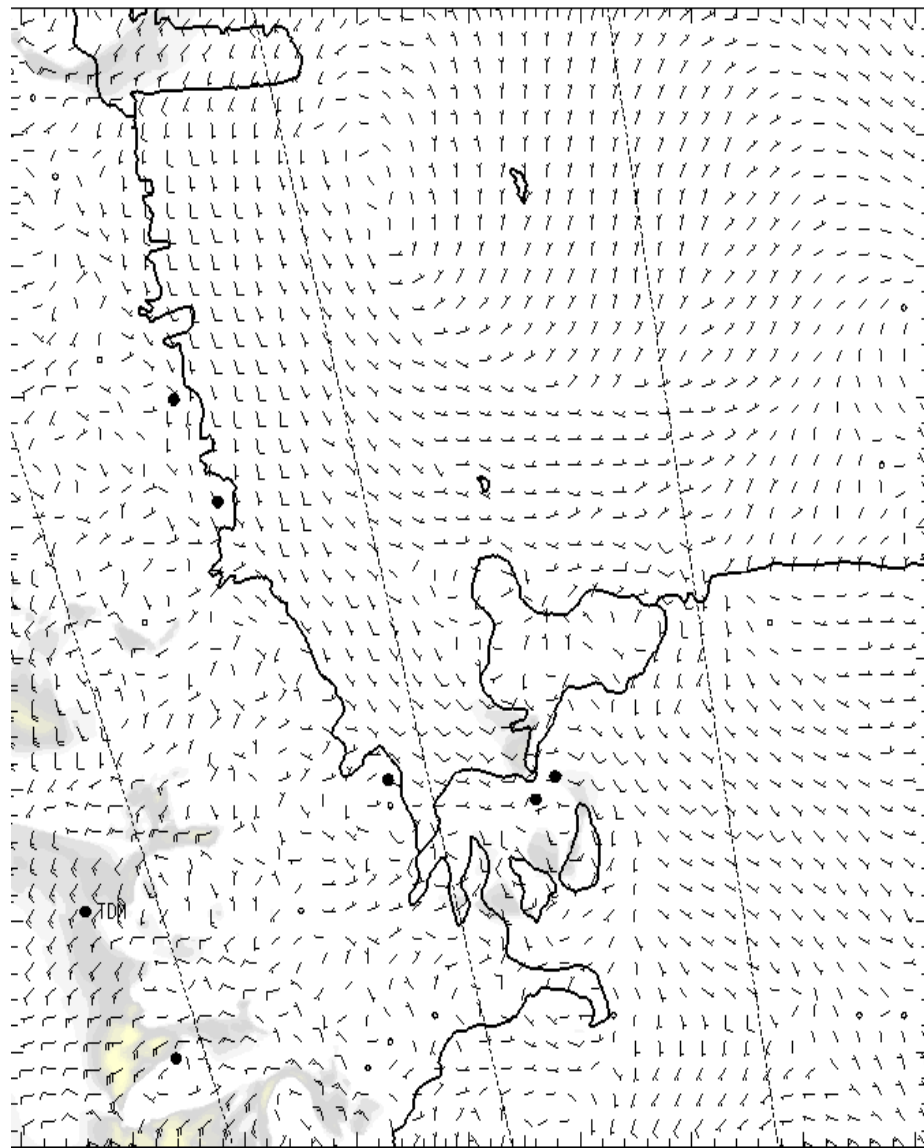
**NIGHT AREA OUTLOOKS (VALID TIME: 07/1800L – 08/0600L)**

NIL

# SFC

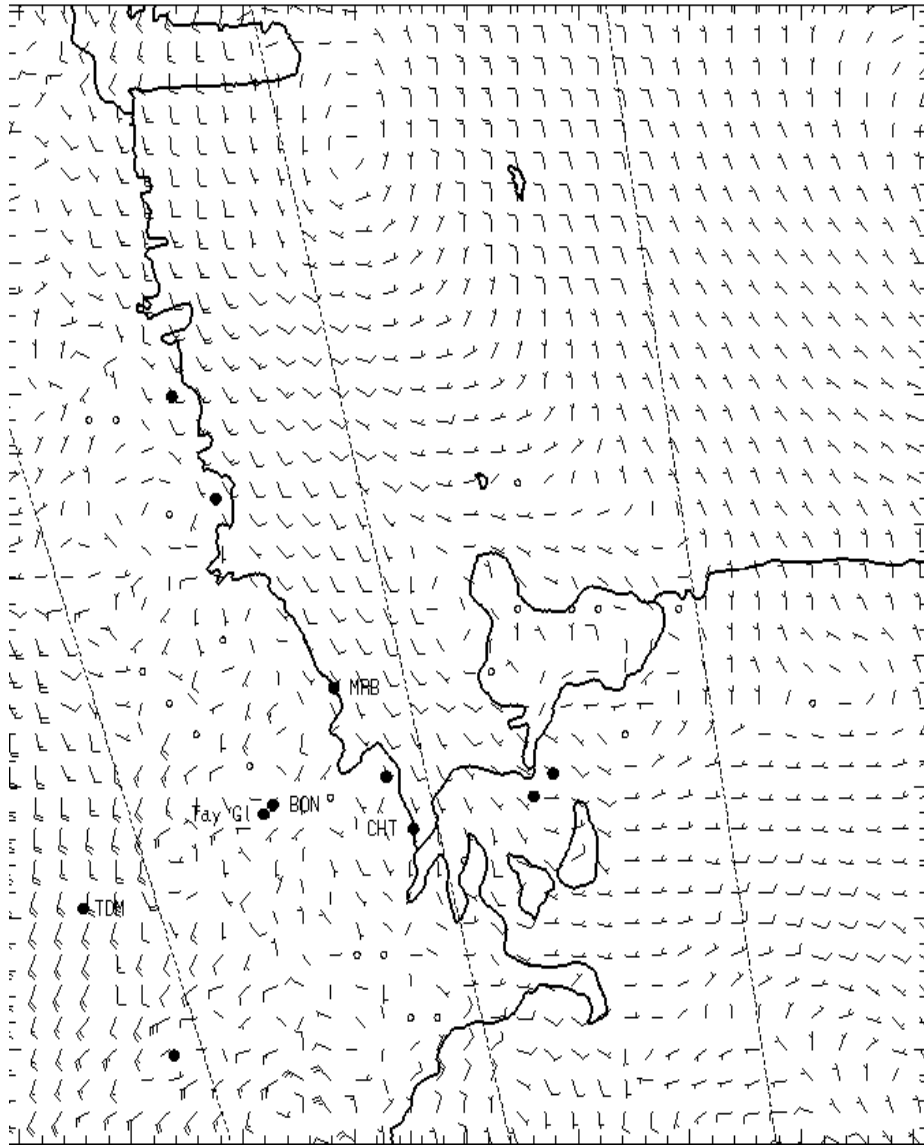


0700L

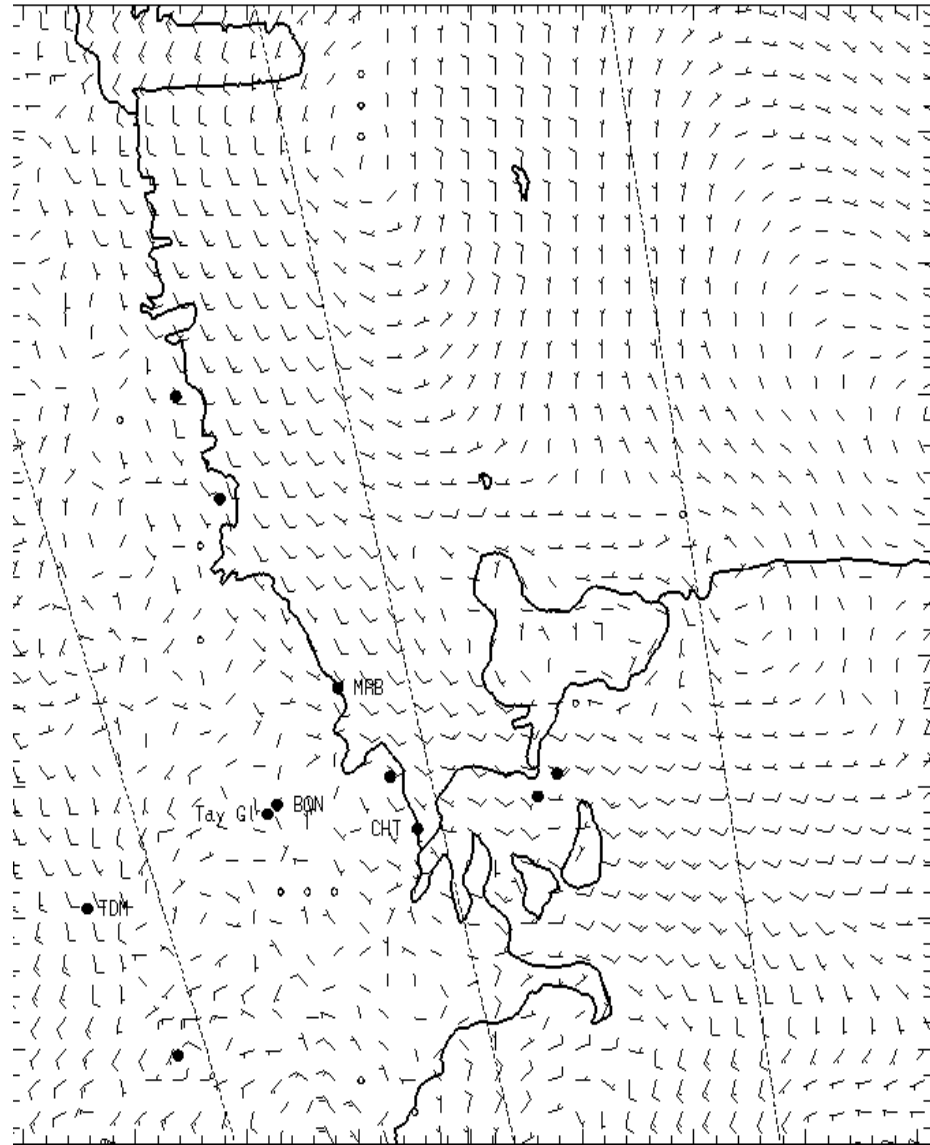


1300L

# 1,000 ft AGL

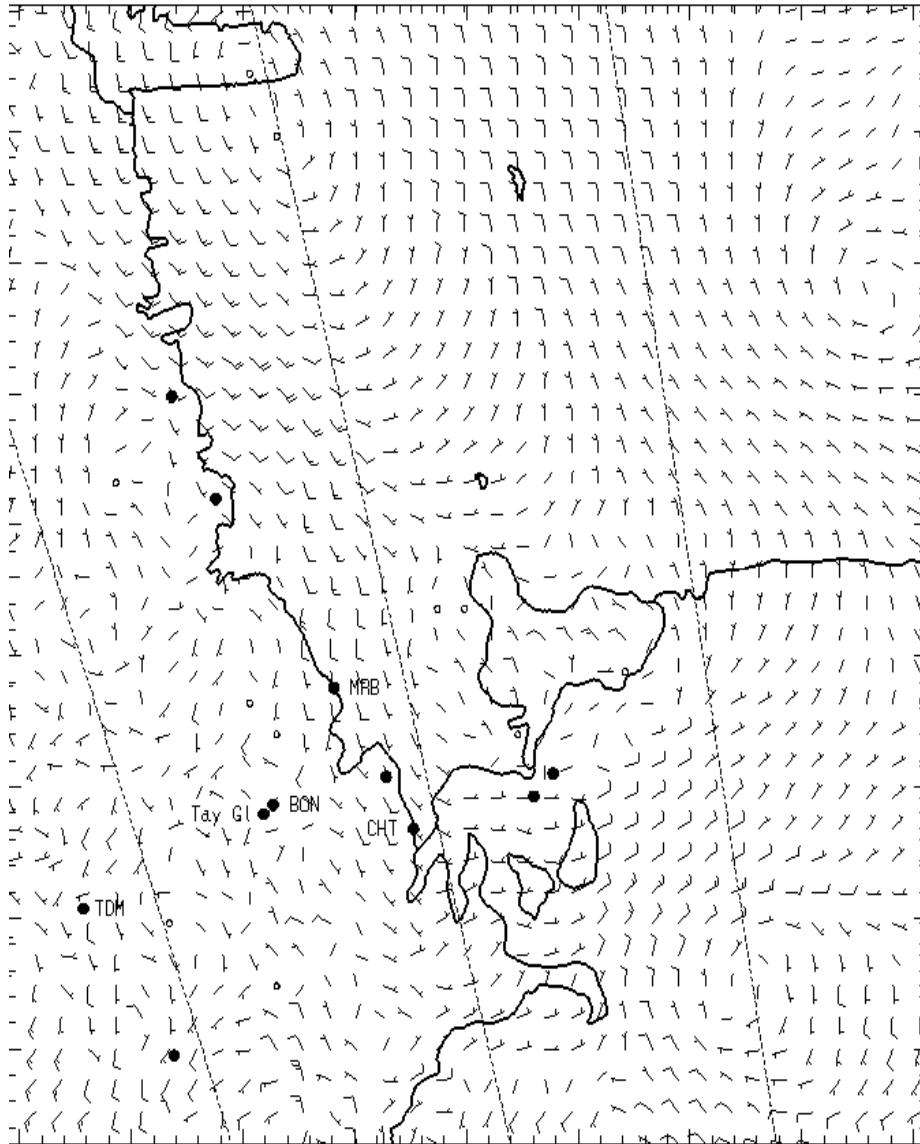


0700L

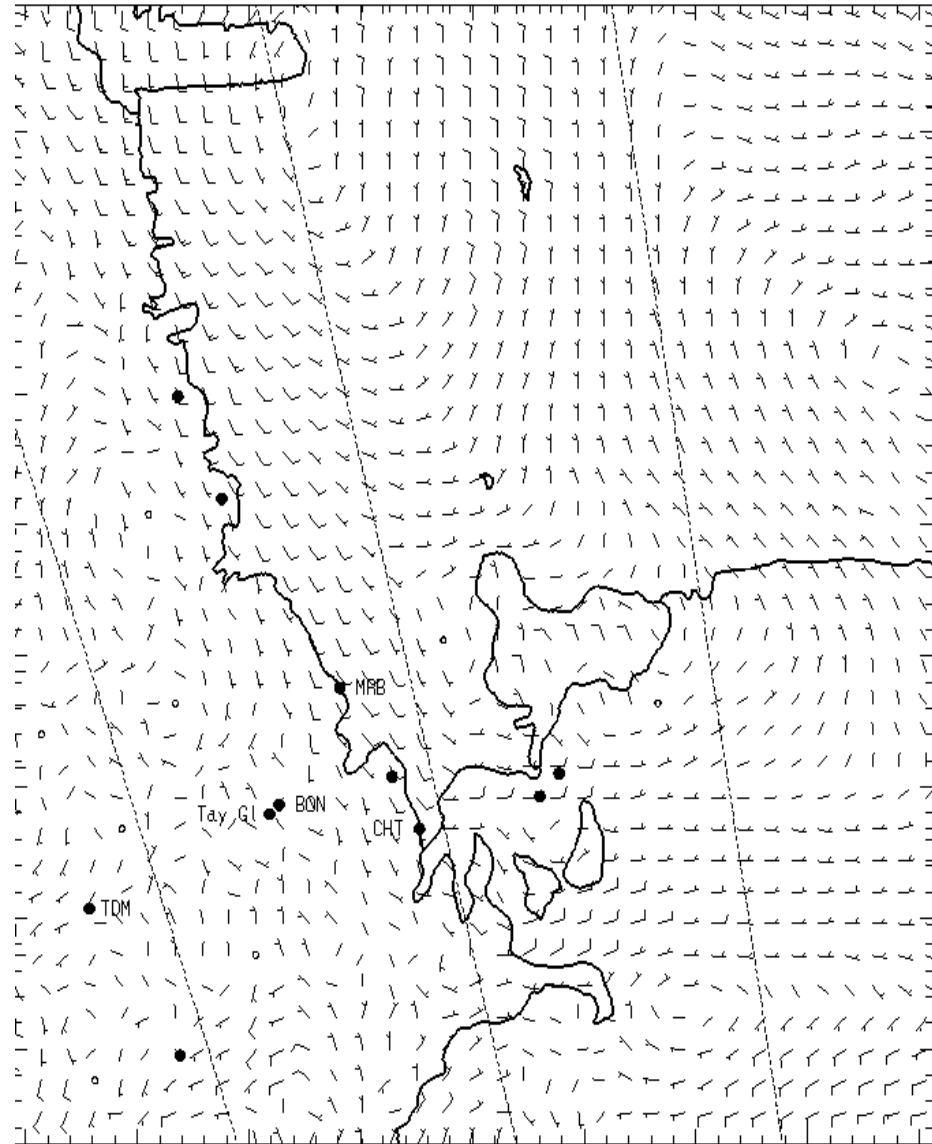


1300L

# 3,000 ft AGL

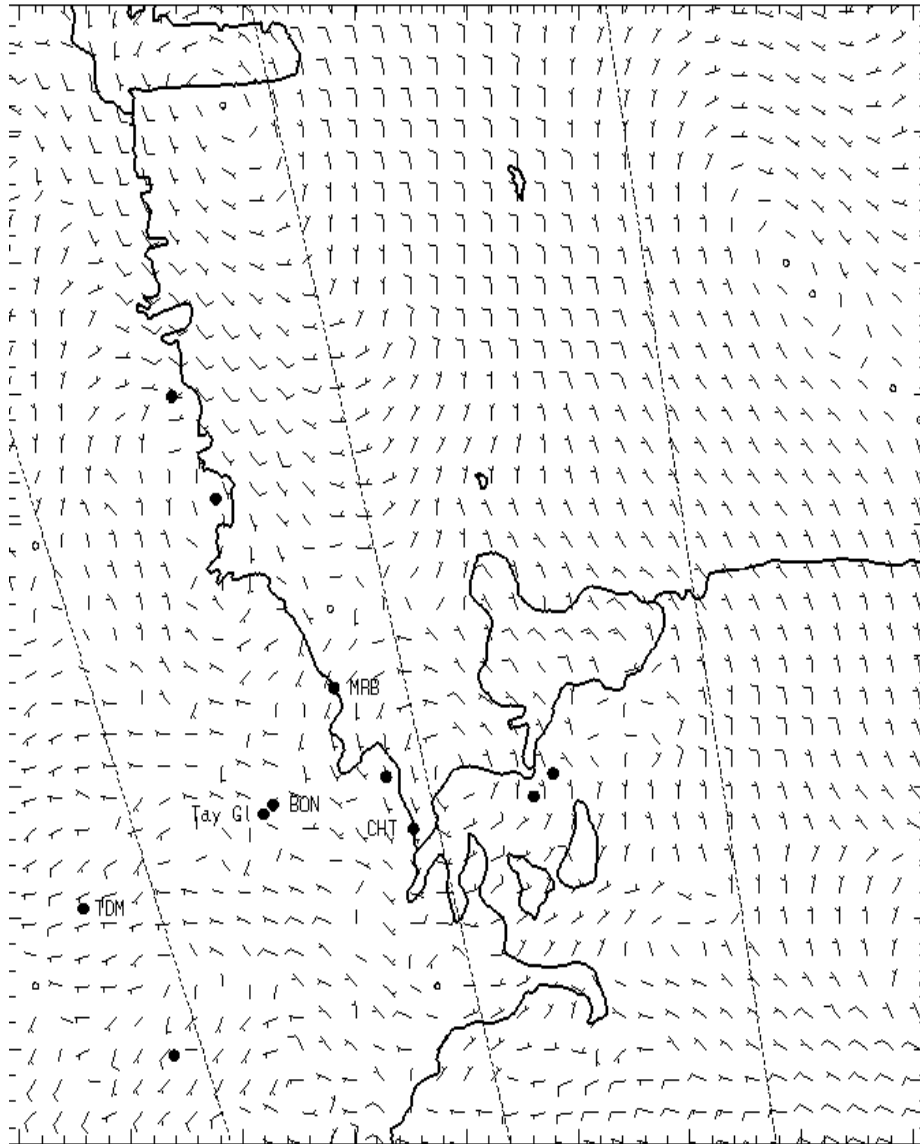


0700L

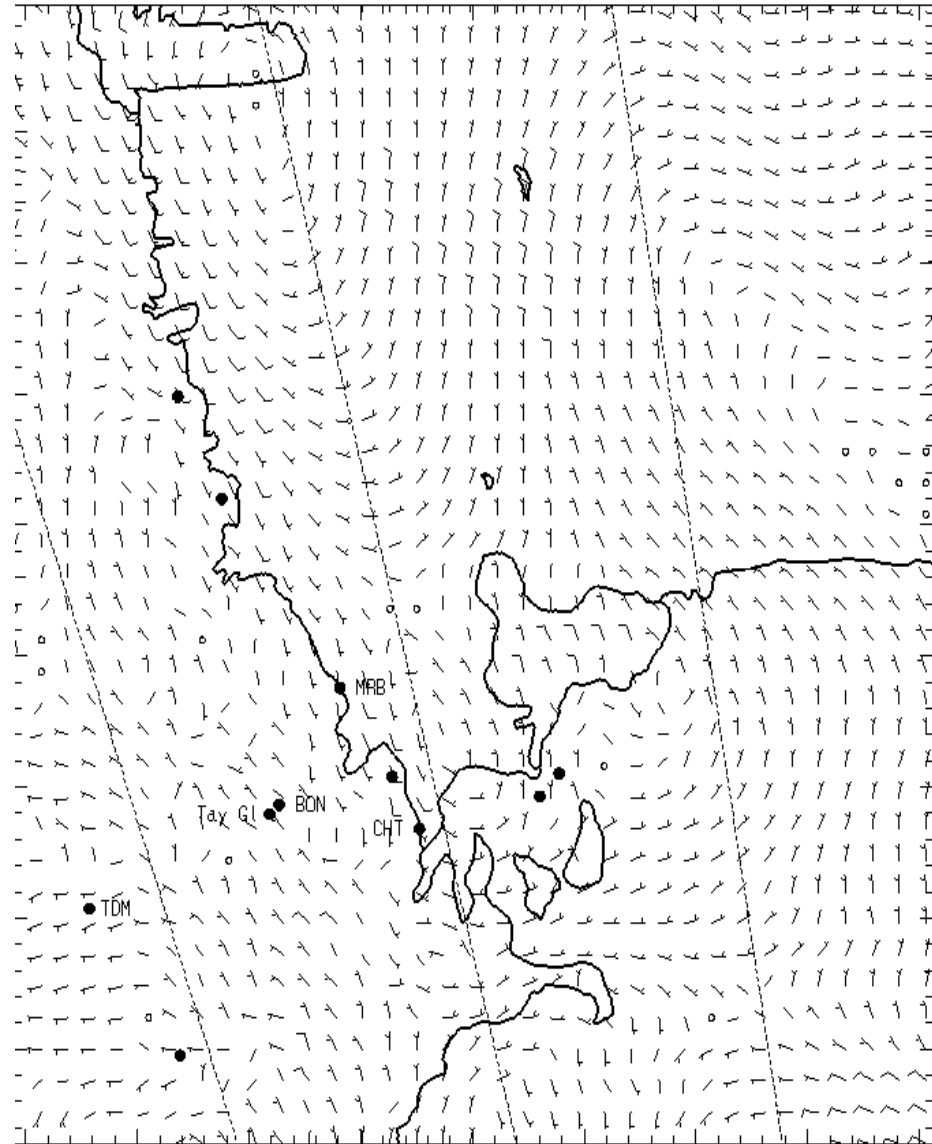


1300L

# 5,000 ft AGL



0700L



1300L