



# HELO Weather

**McMurdo Weather**  
Email: [mcm.weather.forecaster@usap.gov](mailto:mcm.weather.forecaster@usap.gov)  
Iridium: 00 8816 7632 0030  
Duty Forecaster: x42524  
Briefing Counter: x43353

Date (L): Thursday, 8 December 2022

Brief Time (L): 0615

Briefing Number: 12-07

FCSTR: Alan Stratton

## REGIONAL SUMMARY

High pressure over East Antarctica interacts with low pressure in the central Ross Sea producing a southerly flow over the western ice shelf. A small high pressure circulation will develop north of Ross Island supporting a layer of low clouds along the northern-northwestern coast and McMurdo Sound mostly over water. Fair conditions are expected in the Dry Valleys.

## HAZARDS

Brisk south-southwesterly 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 071755Z AUTO 11010G17KT 9000 SCT001 M10/M12 A2917 RMK AO2 SLP882 T10961117 11038 21107 51001=

## RUNWAY TAFS

TAF AMD NZFX 071719Z 0717/0815 (0806/0904NZDT) VRB06KT 4800 BR FEW010 FEW060 QNH2912INS  
TEMPO 0717/0719 (0806/0808) 0200 FZFG BKN000 FZFG BKN000  
BECMG 0723/0801 (0812/0814) VRB06KT 9999 NSW FEW010 BKN030 BKN160 QNH2907INS

TAF AMD NZWD 071719Z 0717/0815 (0806/0904NZDT) VRB06KT 3200 BR FEW010 FEW060 QNH2912INS  
TEMPO 0717/0719 (0806/0808) 0200 FZFG VV001  
BECMG 0722/0723 (0811/0812) VRB06KT 9999 NSW SCT010 BKN030 BKN160 QNH2911INS

## MCMURDO HELIPAD FORECAST (VALID TIME: 08/0600L – 08/1800L)

**SFC WIND (TRUE):** VRB06KT, BECMG 10012G17KT AFT 13L  
**SFC VISIBILITY (SM):** 9999  
**SKY CONDITION (AGL):** FEW015 FEW050  
**MIN ALSTG:** 2912INS  
**HAZARDS:** NIL

## SITE & AREA FORECASTS (VALID TIME: 08/0600L – 08/1800L)

### MARBLE POINT

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** 9999  
**SKY CONDITION (AGL):** FEW015 FEW050  
**MIN ALSTG:** 2916INS  
**HAZARDS:** NIL

**SCOTT BASE**

**SFC WIND (TRUE):** 05008KT  
**SFC VISIBILITY (SM):** 9999  
**SKY CONDITION (AGL):** FEW015 FEW050  
**MIN ALSTG:** 2912INS  
**HAZARDS:** NIL

**LAKE FRYXELL**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** 9999  
**SKY CONDITION (AGL):** FEW050  
**MIN ALSTG:** 2917INS  
**HAZARDS:** NIL

**LAKE HOARE**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** 9999  
**SKY CONDITION (AGL):** FEW050  
**MIN ALSTG:** 2910INS  
**HAZARDS:** NIL

**LAKE BONNEY**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** 9999  
**SKY CONDITION (AGL):** FEW050  
**MIN ALSTG:** 2914INS  
**HAZARDS:** NIL

**ELLB**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** 9999  
**SKY CONDITION (AGL):** FEW050  
**MIN ALSTG:** 2916INS  
**HAZARDS:** NIL

**WLLB**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** 9999  
**SKY CONDITION (AGL):** FEW050  
**MIN ALSTG:** 2916INS  
**HAZARDS:** NIL

**F6**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** 9999

**SKY CONDITION (AGL):** FEW050

**MIN ALSTG:** 2916INS

**HAZARDS:** NIL

**CONEZ**

**SFC WIND (TRUE):** 30010KT

**SFC VISIBILITY (SM):** UNR, TEMPO ½ -3 BR -SN

**SKY CONDITION (AGL):** UNR, TEMPO BKN005 (OCNL CLOUDS AT AND BELOW STATION LEVEL)

**MIN ALSTG:** 2830INS

**HAZARDS:** NIL

**LEH**

**SFC WIND (TRUE):** 29013KT

**SFC VISIBILITY (SM):** UNR, TEMPO ½ -3 BR -SN

**SKY CONDITION (AGL):** UNR, TEMPO BKN005 (OCNL CLOUDS AT AND JUST BELOW STATION LEVEL)

**MIN ALSTG:** 2841INS

**HAZARDS:** NIL

**CAPE ROYDS**

**SFC WIND (TRUE):** VRB06KT, BECMG 15013KT AFT15L

**SFC VISIBILITY (SM):** UNR, TEMPO 2-4 BR BEFORE 13L

**SKY CONDITION (AGL):** SCT010, BECMG FEW015 SCT050 AFT 13L

**MIN ALSTG:** 2911INS

**HAZARDS:** LGT RIME ICG IN CLOUD BEFORE 13L

**CAPE EVANS**

**SFC WIND (TRUE):** VRB06KT, BECMG 15013KT AFT15L

**SFC VISIBILITY (SM):** UNR, TEMPO 2-4 BR BEFORE 13L

**SKY CONDITION (AGL):** SCT010, BECMG FEW015 SCT050 AFT 13L

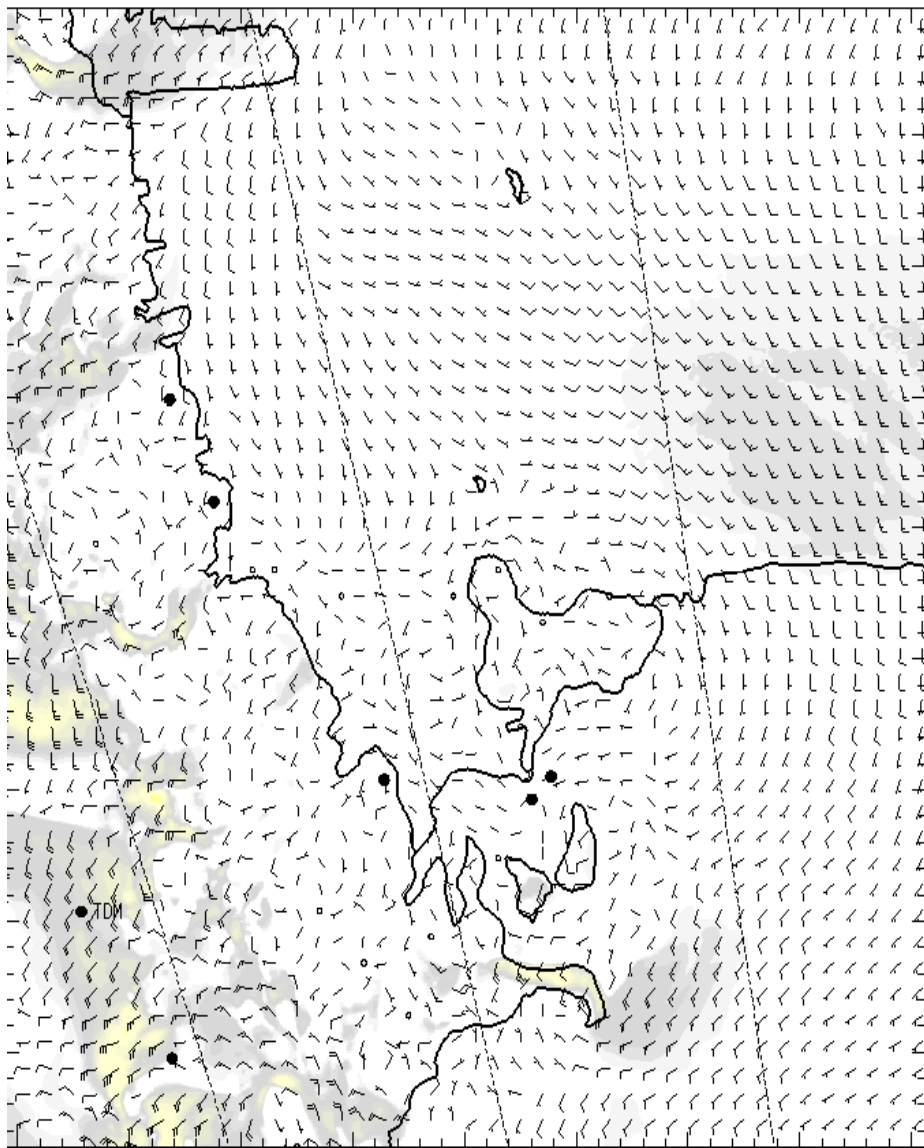
**MIN ALSTG:** 2911INS

**HAZARDS:** LGT RIME ICG IN CLOUD BEFORE 13L

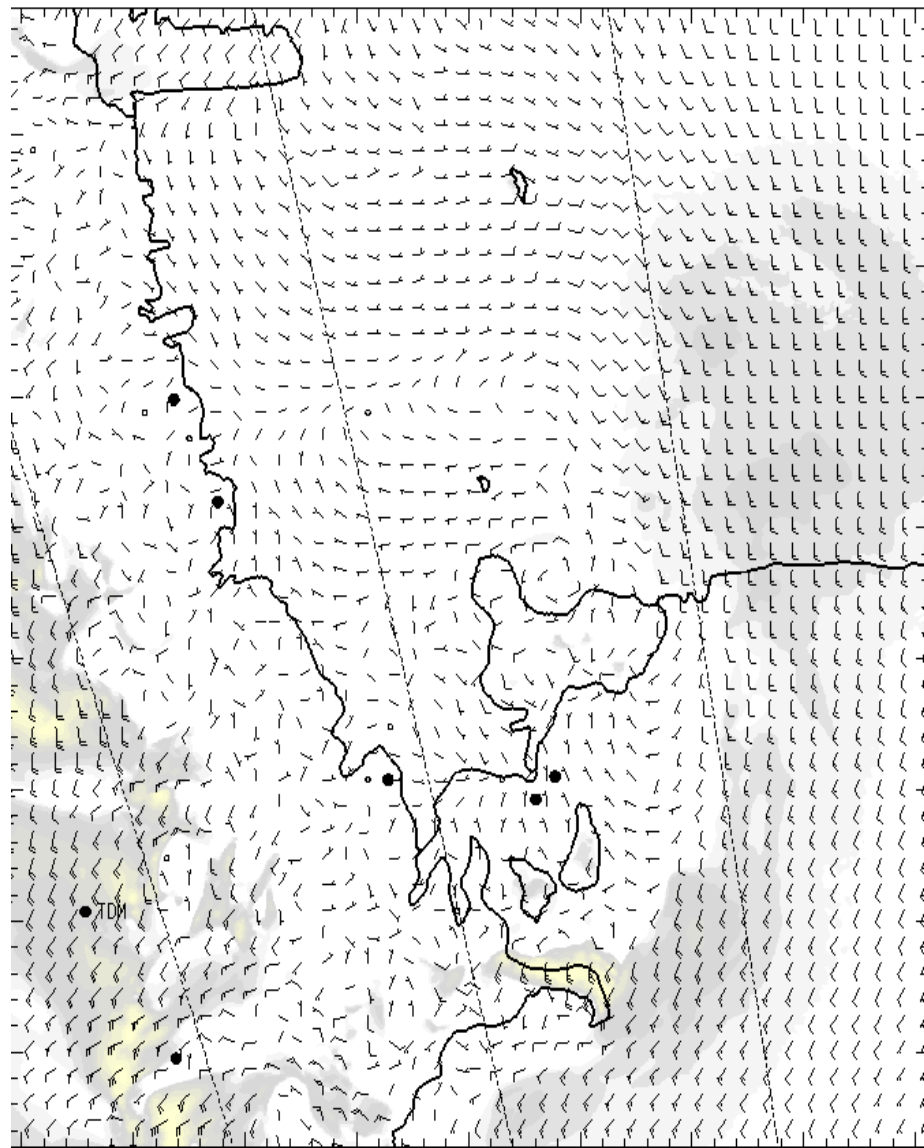
**NIGHT AREA OUTLOOKS (VALID TIME: 08/1800L – 09/0600L)**

NIL

# SFC

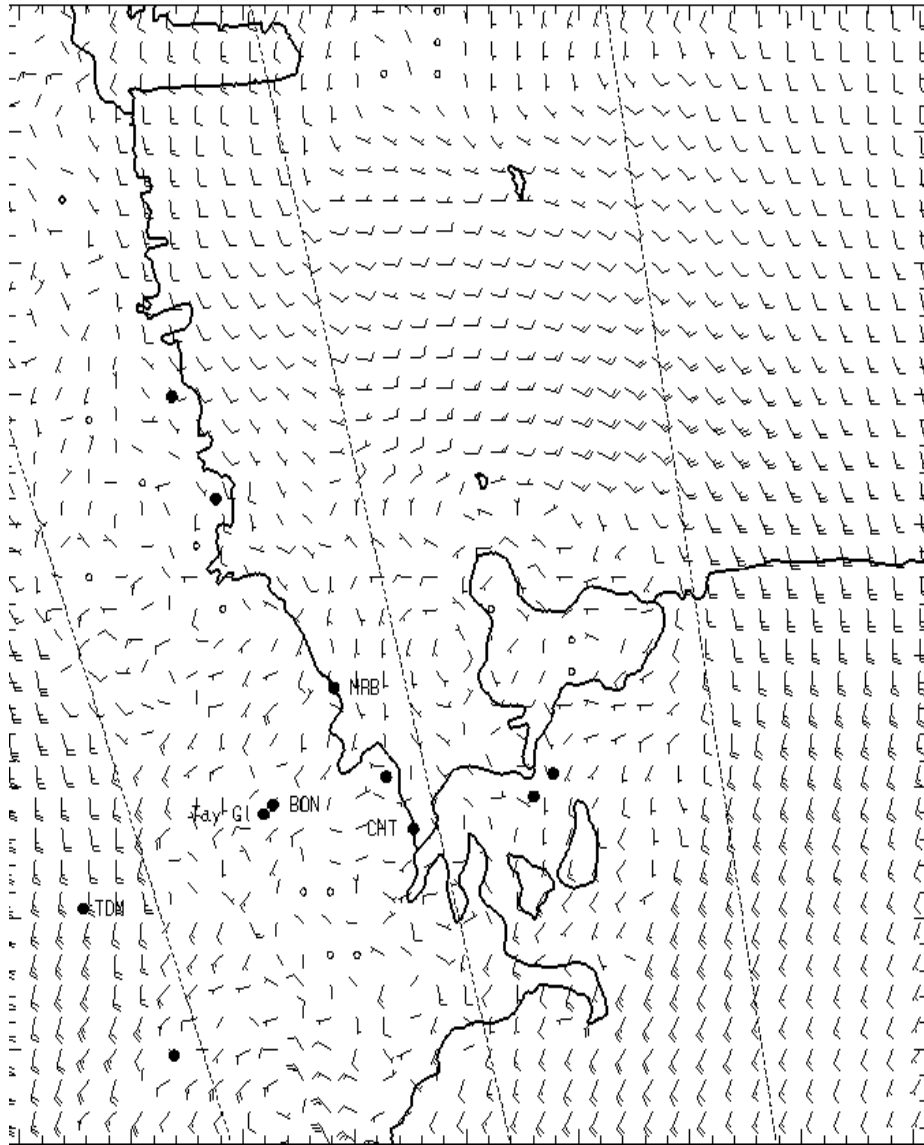


0700L

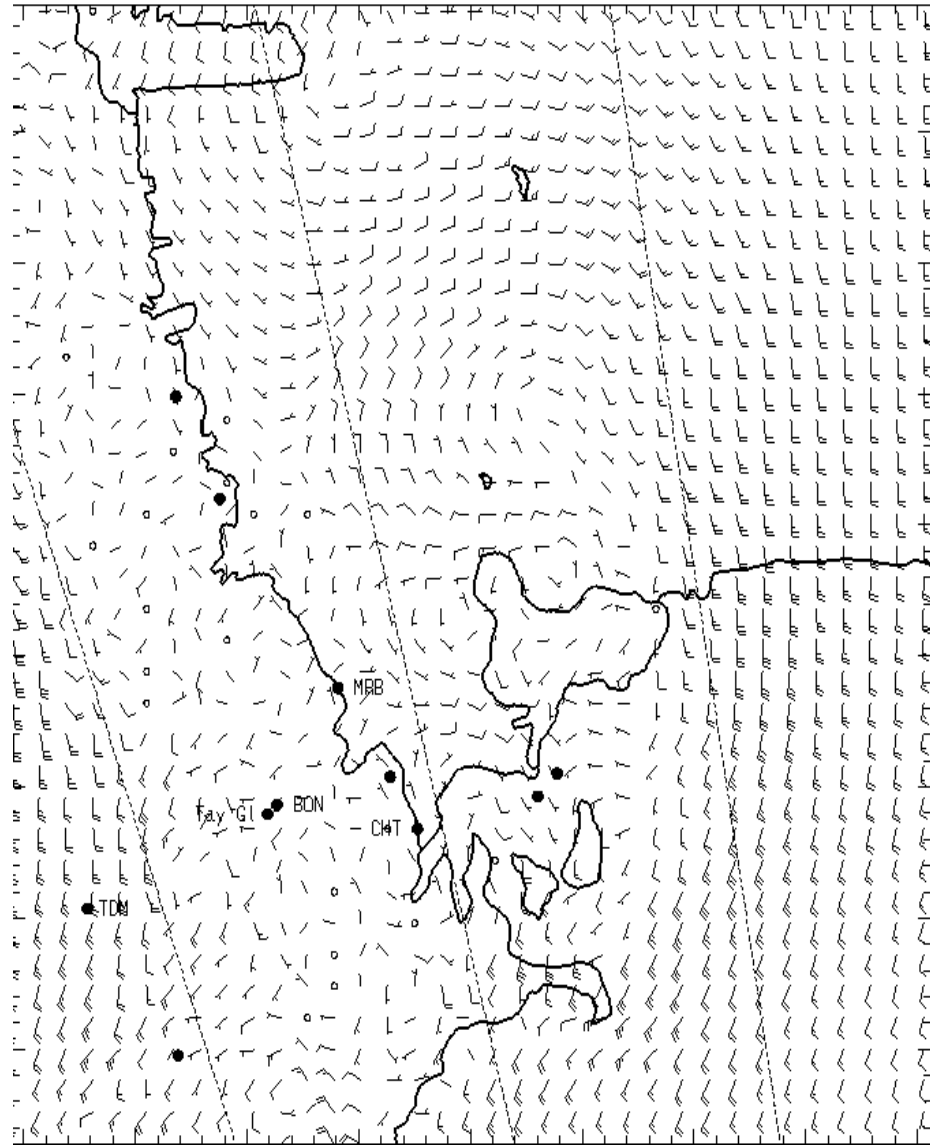


1300L

# 1,000 ft AGL

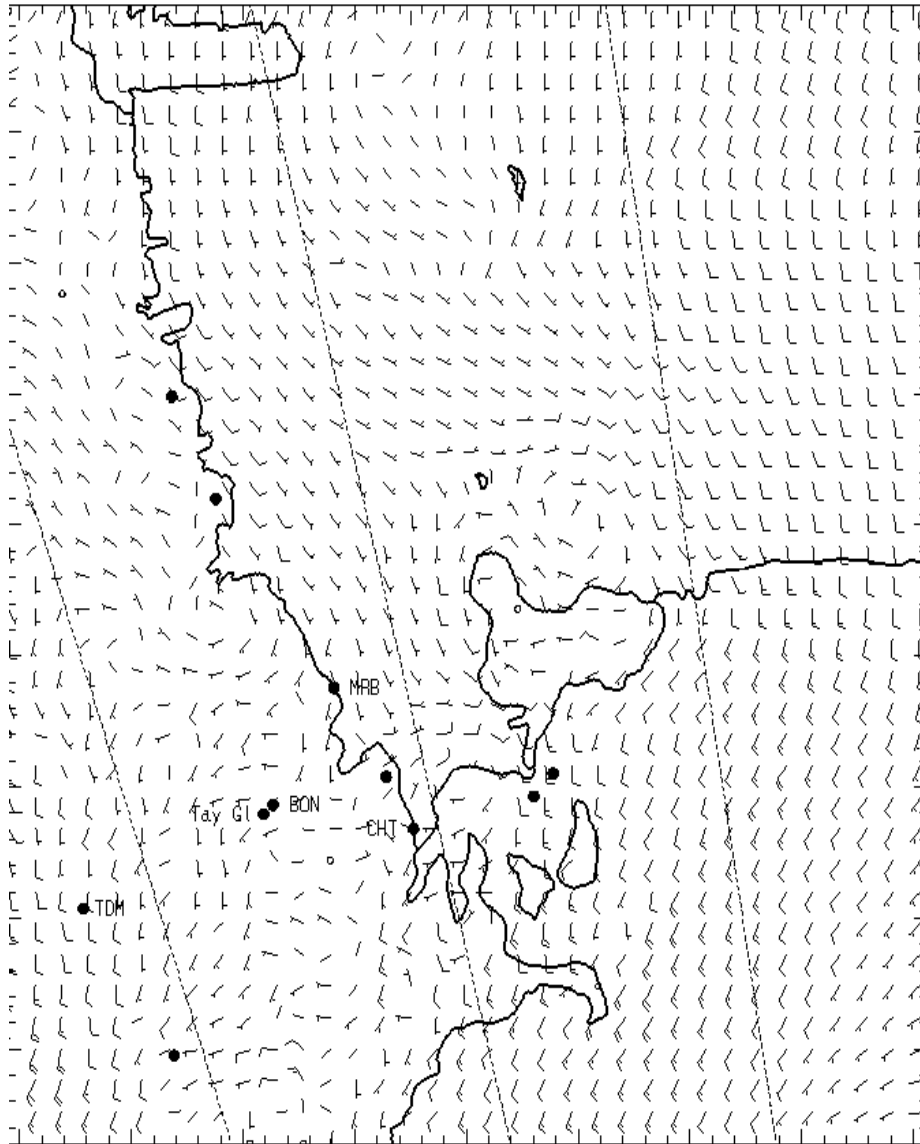


0700L

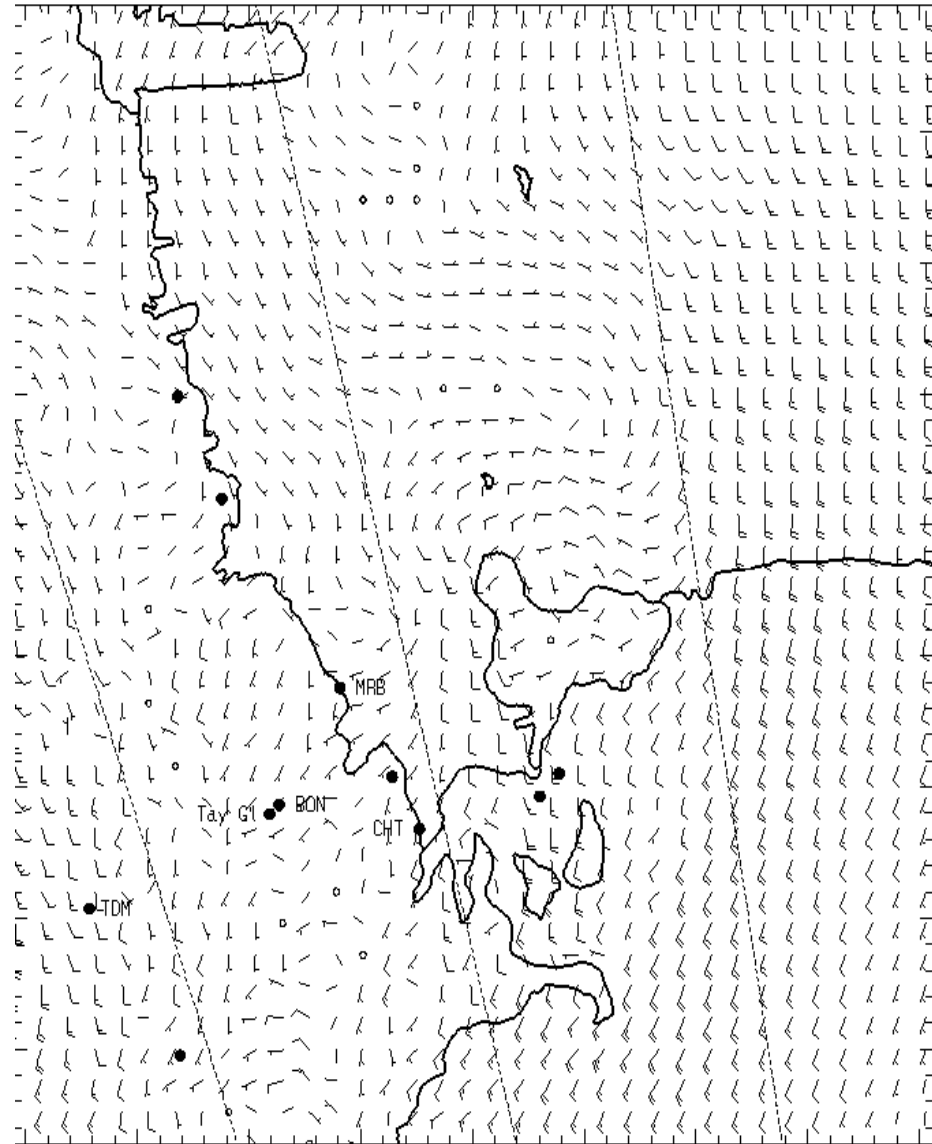


1300L

# 3,000 ft AGL

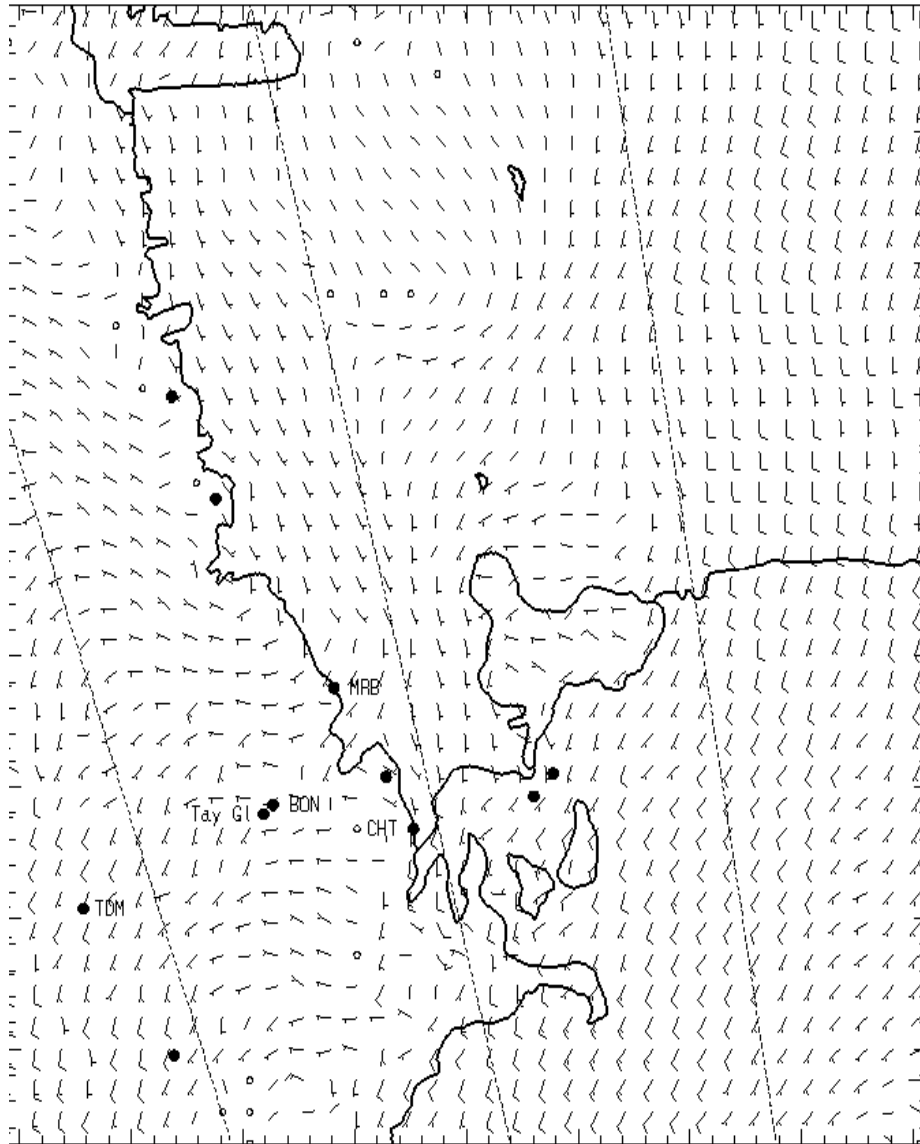


0700L

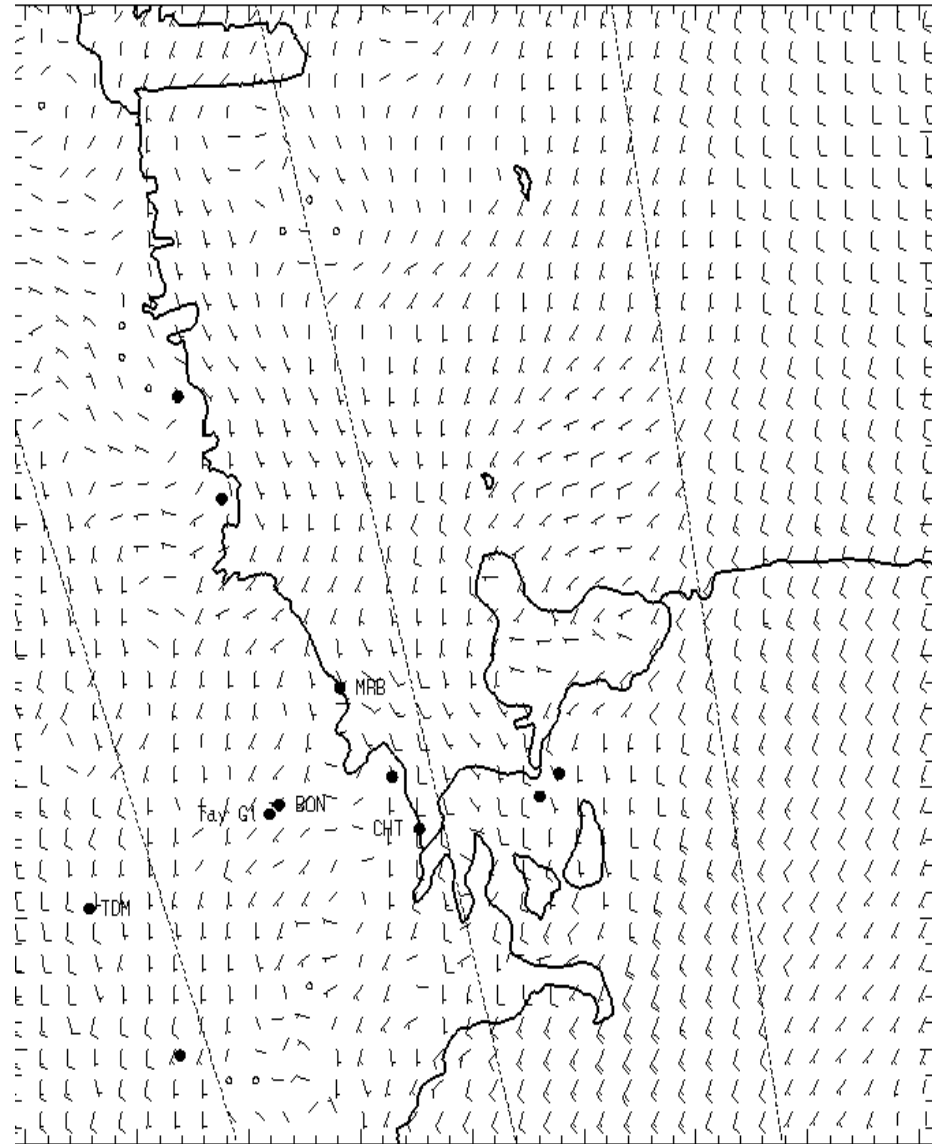


1300L

# 5,000 ft AGL



0700L



1300L