



# 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, 22 December 2022

Brief Time (L): 0615

Briefing Number: 12-19

FCSTR: Jeff Fournier

## REGIONAL SUMMARY

The north-south oriented high pressure ridge over the Ross Sea, which has been the primary large scale driver of the local weather the past few days, has shifted a bit to the east. This will result in mainly light and variable winds, and most of the cloud cover remaining on the northern coast of Ross Island. The exception will be a large region of multi-layered clouds (with embedded light snow) along the west coast of McMurdo Sound.

## HAZARDS

AREAS OF IFR VISIBILITY IN -SN/BR, MAINLY FROM THE WESTERN COAST OF MCMURDO SOUND UP THROUGH THE TA'S

## LATEST MCMURDO OBSERVATION

METAR ZCMA 211706Z AUTO VRB05KT 9999 SKC M03/M07 A2904 RMK AO2 SLP837=

## RUNWAY TAFS

TAF NZFX 211457Z 2115/2215 (2204/2304NZDT) 05006KT 9999 SCT035 SCT080 QNH2902INS GRID22006KT

TAF NZWD 211457Z 2115/2215 (2204/2304NZDT) 05006KT 9999 SCT035 SCT080 QNH2902INS GRID22006KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 22/0600L - 22/1800L)

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT035 SCT080 TEMPO BKN035 BKN080

**MIN ALSTG:** 2901INS

**HAZARDS:** NIL

## SITE & AREA FORECASTS (VALID TIME: 22/0600L - 22/1800L)

### SCOTT BASE

**SFC WIND (TRUE):** 05006KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT035 SCT080 TEMPO BKN035 BKN080

**MIN ALSTG:** 2901INS

**HAZARDS:** NIL

**MARBLE POINT**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNR, TEMPO 3-5 BR 06-10L

**SKY CONDITION (MSL):** FEW006 SCT025, TEMPO BKN015 06-10L

**MIN ALSTG:** 2898INS

**HAZARDS:** NIL

**BLACK ISLAND**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** FEW020 SCT035 BKN100

**MIN ALSTG:** 2898INS

**HAZARDS:** NIL

**MT NEWALL**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** 1-2 -SN BR TEMPO ½ -SN FZFG

**SKY CONDITION (MSL):** OVC050 TEMPO VV002

**MIN ALSTG:** 2867INS

**HAZARDS:** TRACE ICG IN CLOUD AND SN/BR

**WOLCOTT GLACIER**

**SFC WIND (TRUE):** VRB04KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT025 BKN050

**MIN ALSTG:** 2895INS

**HAZARDS:** NIL

**LAKE HOARE**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT025 BKN050

**MIN ALSTG:** 2896INS

**HAZARDS:** NIL

**LAKE FRYXELL**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT025 BKN050

**MIN ALSTG:** 2902INS

**HAZARDS:** NIL

**LAKE BONNEY**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT025 BKN050

**MIN ALSTG:** 2896INS

**HAZARDS:** NIL

**HOWARD GLACIER**

**SFC WIND (TRUE):** 18012KT BECMG 1806KT AFT 13L  
**SFC VISIBILITY (SM):** 1-2 –SN BR, BECMG UNR AFT 13L  
**SKY CONDITION (MSL):** BKN010 OVC030 BECMG SCT035 AFT 13L  
**MIN ALSTG:** 2896INS  
**HAZARDS:** TRACE ICG IN CLOUD AND SN/BR

**PYRAMID TROUGH**

**SFC WIND (TRUE):** VRB04KT  
**SFC VISIBILITY (SM):** 1-2 –SN BR  
**SKY CONDITION (MSL):** SCT025 OVC030  
**MIN ALSTG:** 2888INS  
**HAZARDS:** TRACE ICG IN CLOUD AND –SN/BR

**BEACON VALLEY**

**SFC WIND (TRUE):** VRB06KT, BECMG 06009KT AFT 11L  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT025 BKN050  
**MIN ALSTG:** 2874INS  
**HAZARDS:** NIL

**F6**

**SFC WIND (TRUE):** VRB06KT, BECMG 06011KT AFT 11L  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT025 BKN050  
**MIN ALSTG:** 2902INS  
**HAZARDS:** NIL

**MIERS VALLEY**

**SFC WIND (TRUE):** VRB04KT BECMG 10007KT AFT 13L  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT015 BKN030  
**MIN ALSTG:** 2889INS  
**HAZARDS:** NIL

**CAPE REYNOLDS**

**SFC WIND (TRUE):** 27006KT BECMG 18010KT AFT 13L  
**SFC VISIBILITY (SM):** 1-2 –SN BR TEMPO ½ -SN BR 06-12L  
**SKY CONDITION (MSL):** BKN015 OVC030  
**MIN ALSTG:** 2893INS  
**HAZARDS:** TRACE ICG IN CLOUD AND SN/BR

**HOOPERS SHOULDER**

**SFC WIND (TRUE):** 24005KT  
**SFC VISIBILITY (SM):** UNR TEMPO 1-2 –SN BR 12-18L  
**SKY CONDITION (MSL):** SCT080 TEMPO BKN065 12-18L  
**MIN ALSTG:** 2856INS  
**HAZARDS:** TRACE ICG IN CLOUD AND SN/BR

**TURTLE ROCK**

**SFC WIND (TRUE):** 09012KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT020 SCT-BKN035

**MIN ALSTG:** 2898INS

**HAZARDS:** NIL

**HUTTON CLIFFS**

**SFC WIND (TRUE):** 09012KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT020 SCT-BKN035

**MIN ALSTG:** 2898INS

**HAZARDS:** NIL

**CAPE EVANS**

**SFC WIND (TRUE):** 05006KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT035 SCT080 TEMPO BKN035 BKN080

**MIN ALSTG:** 2901INS

**HAZARDS:** NIL

**NIGHT AREA OUTLOOKS (VALID TIME: 22/1800L – 23/0600L)**

**TURTLE ROCK**

**SFC WIND (TRUE):** 09007KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT020 SCT-BKN035

**MIN ALSTG:** 2896INS

**HAZARDS:** NIL

**MINNA BLUFF**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT035 SCT070

**MIN ALSTG:** 2881

**HAZARDS:** NIL

**WHITE ISLAND**

**SFC WIND (TRUE):** 29007KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT035 SCT070

**MIN ALSTG:** 2890INS

**HAZARDS:** NIL

**BEACON VALLEY**

**SFC WIND (TRUE):** VRB04KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT035 SCT075

**MIN ALSTG:** 2874INS

**HAZARDS:** NIL

**HOWARD GLACIER**

**SFC WIND (TRUE):** VRB04KT

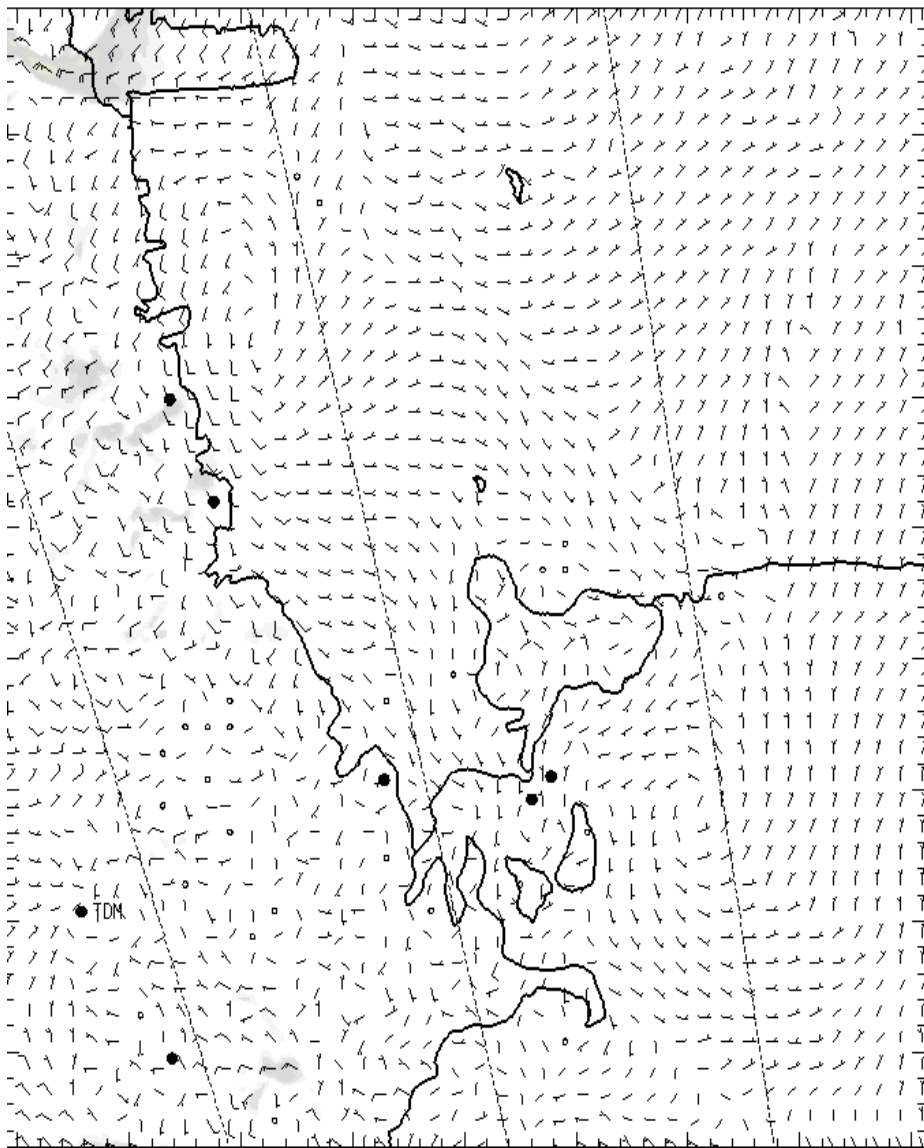
**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT035 SCT070

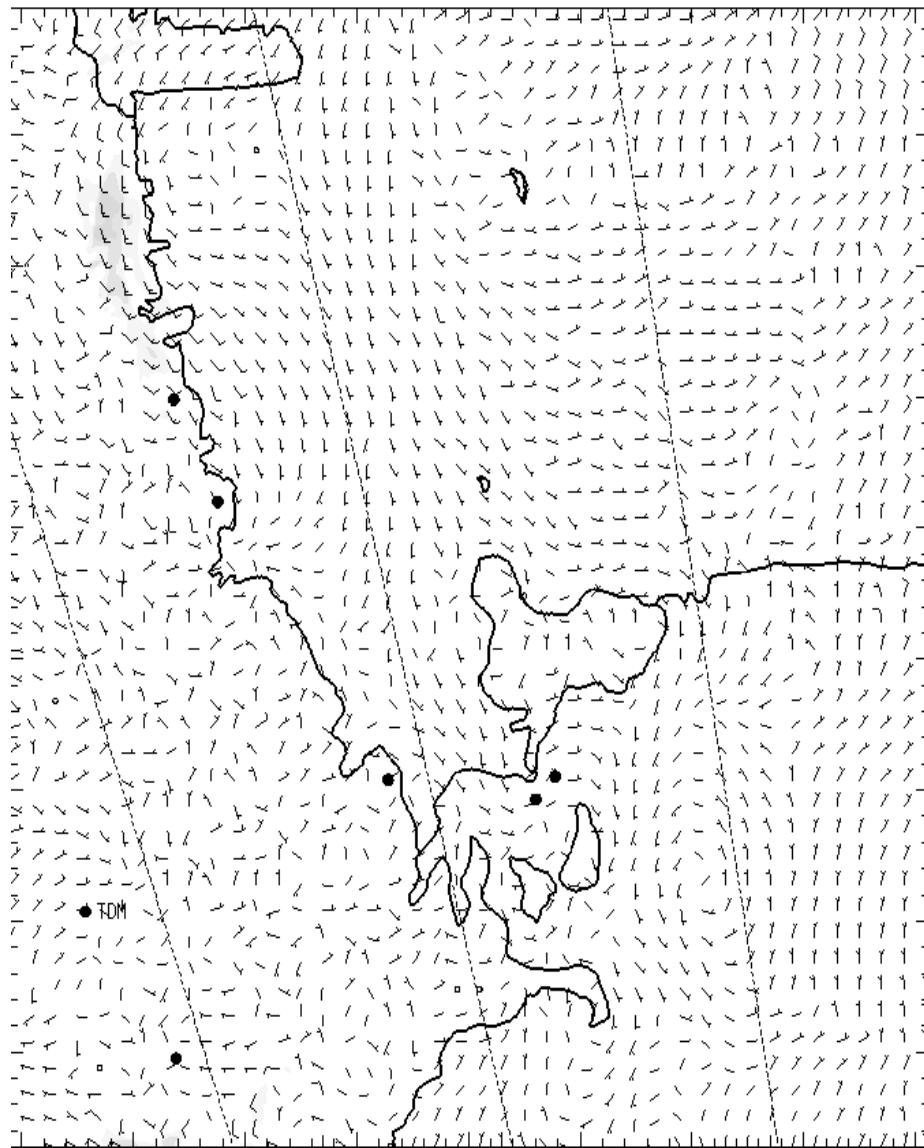
**MIN ALSTG:** 2897INS

**HAZARDS:** NIL

# SFC

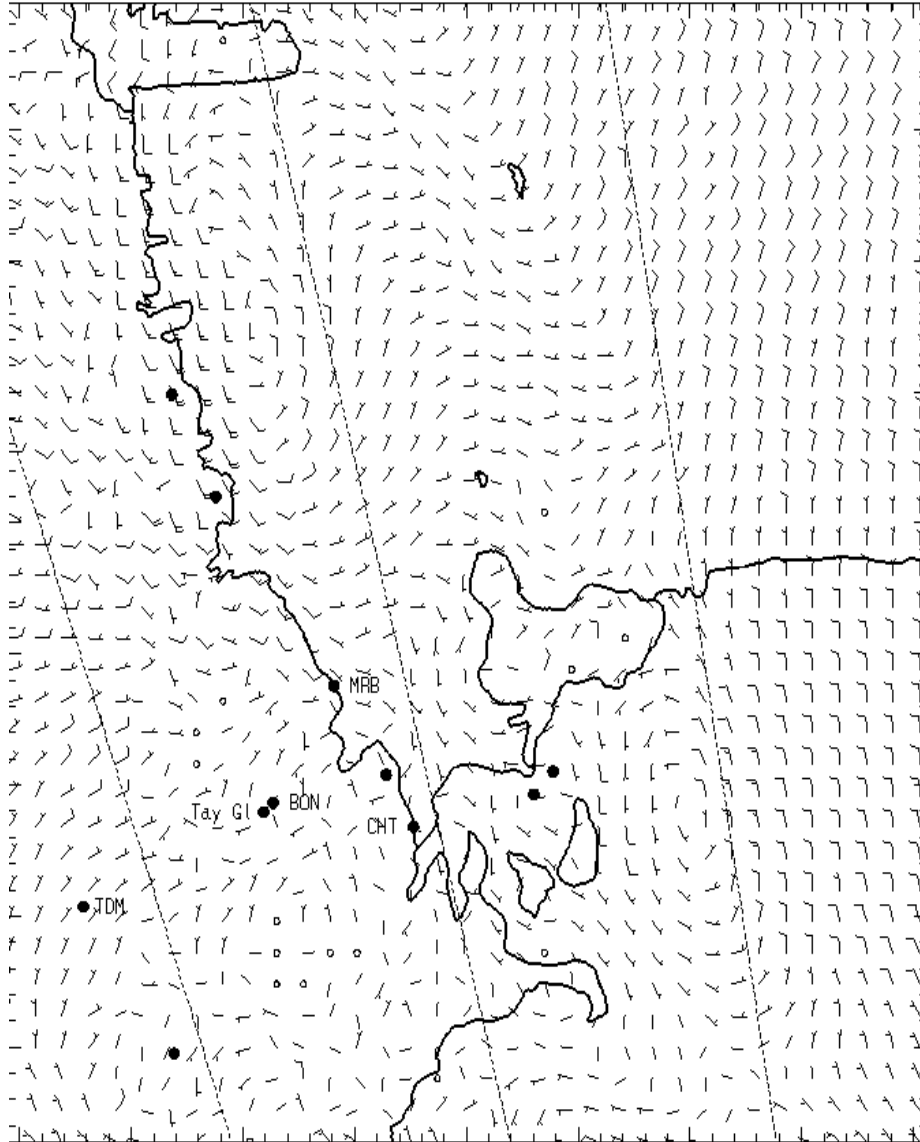


0700L

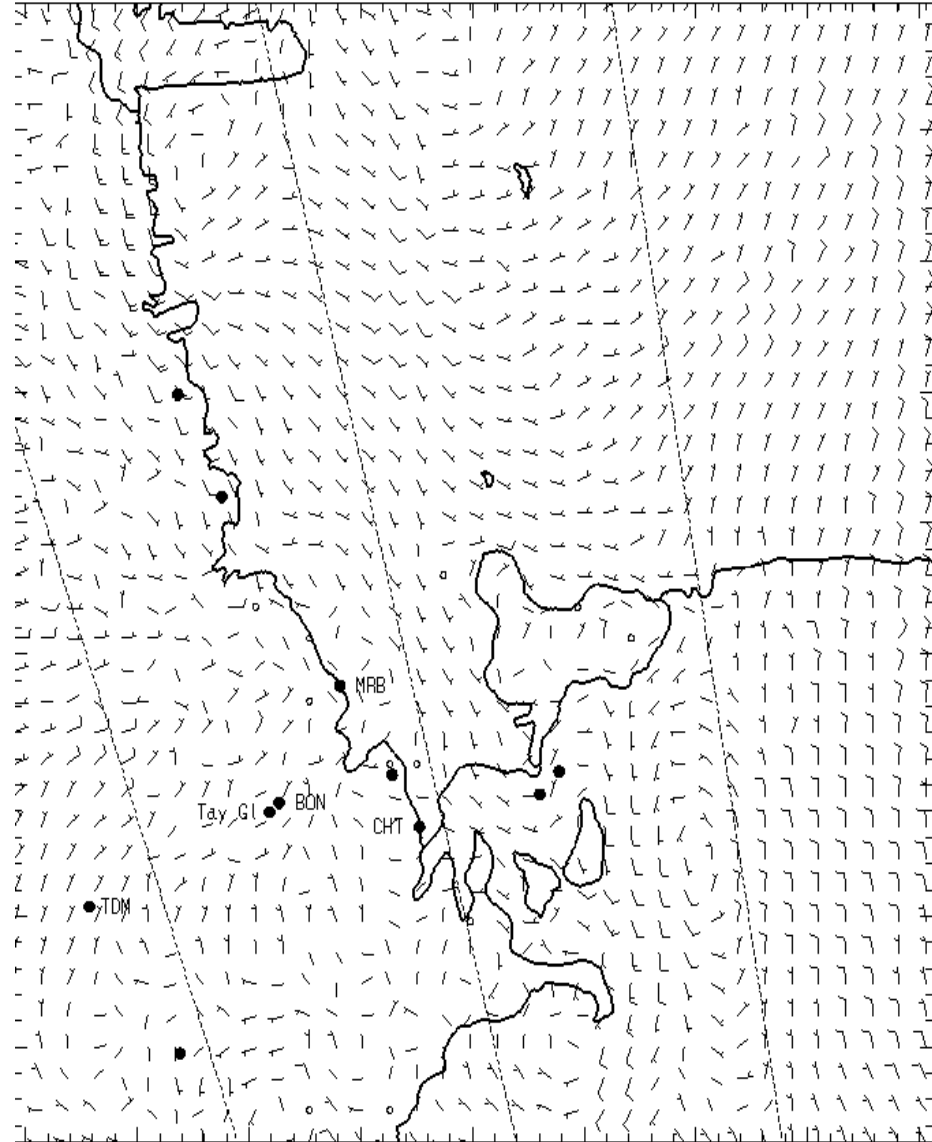


1300L

# 1,000 ft AGL

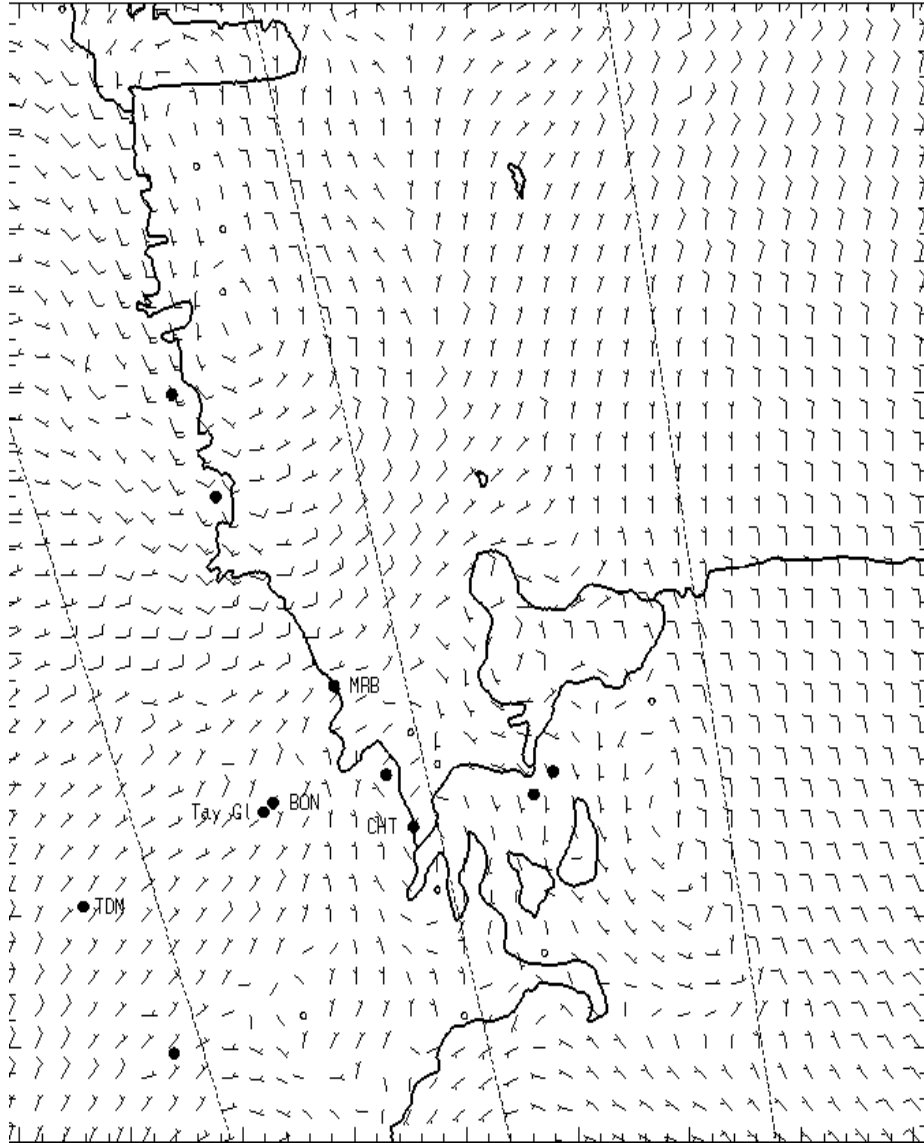


0700L

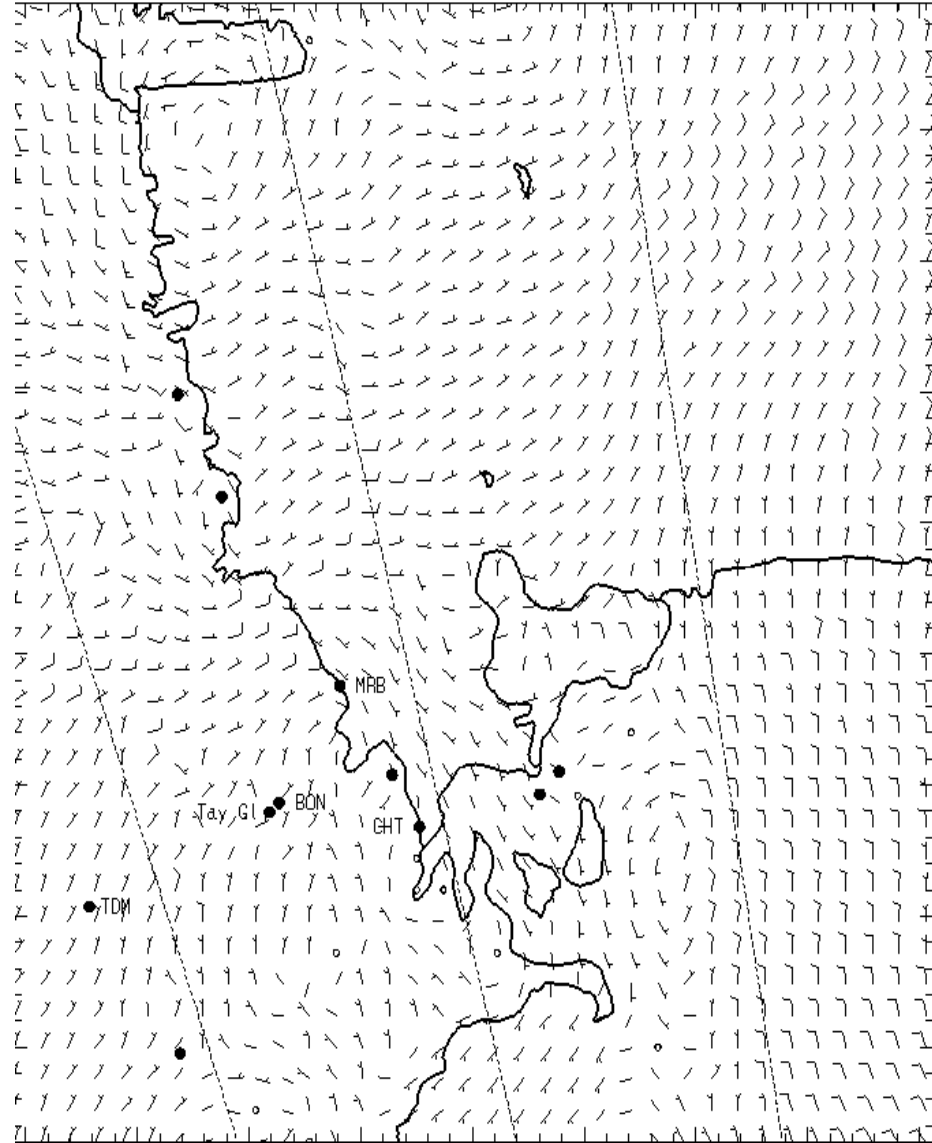


1300L

# 3,000 ft AGL



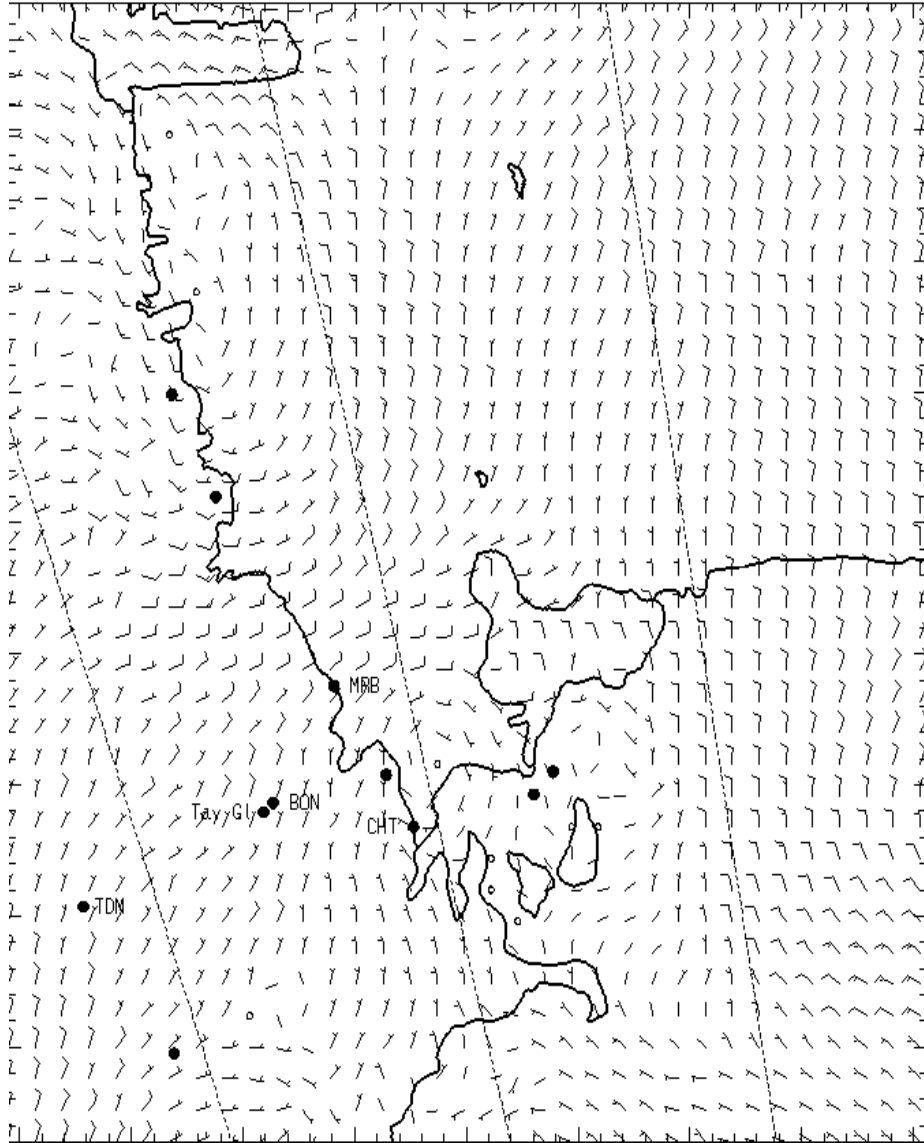
0700L



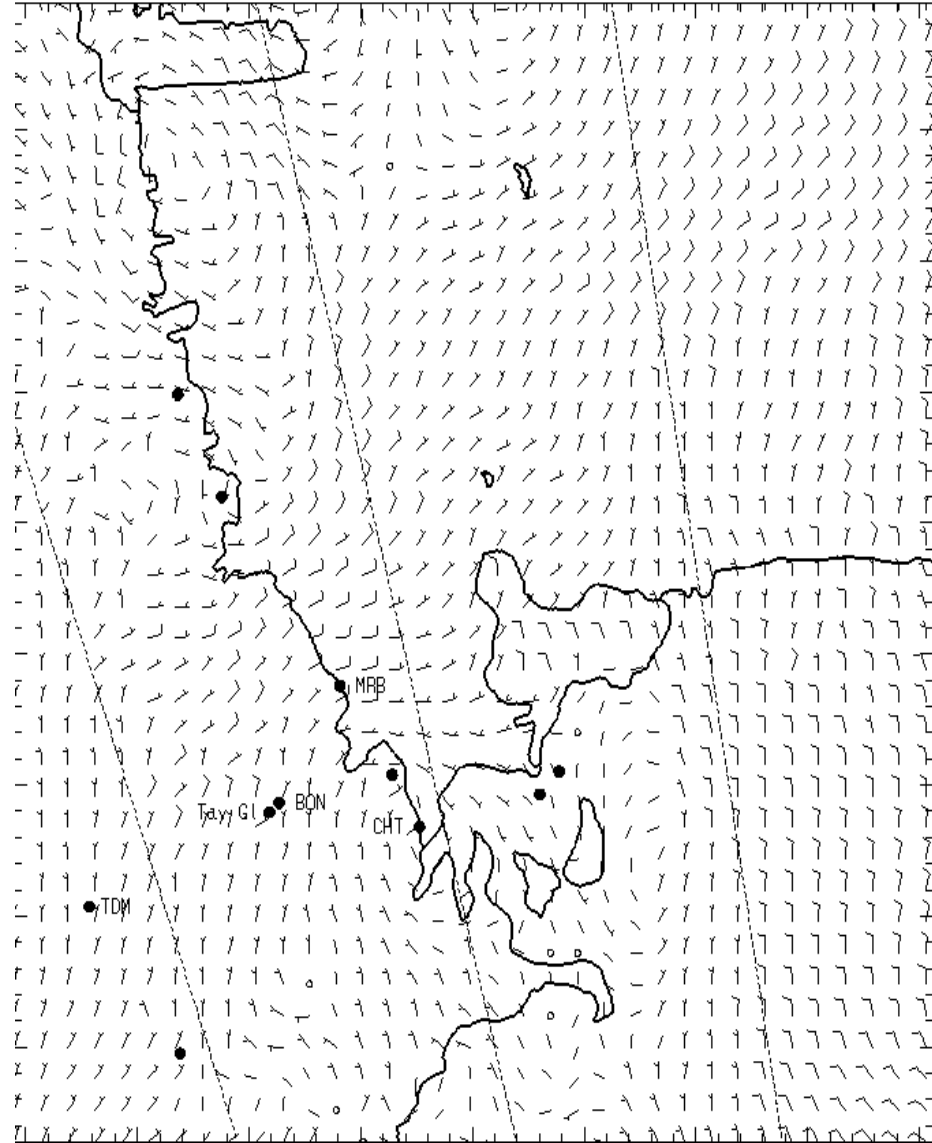
1300L



# 5,000 ft AGL



0700L



1300L