



# 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): Tuesday 29 December 2020

Brief Time (L): 0615

Briefing Number: 12-20

**FCSTR:** John Meyer

## REGIONAL SUMMARY

Low pressure is continuing to develop just east of Ross Island. As it slowly moves away, the wind pattern will shift from "up the Sound" to "down the Sound." With low clouds rolling in and out of the area this morning, light snow has already been observed and will continue to reduce vis appreciably at times. This pattern will persist until Ross Island is no longer under the influence of the slow-moving low.

## HAZARDS

Light rime icing from the surface to the cloud bases, and light to occasionally moderate rime icing in clouds.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 281643Z AUTO 14011G15KT 9999 OVC100 M08/M10 A2881 RMK AO1 SLP761 GRID31011G15KT=

## RUNWAY TAFS

TAF NZFX 281459Z 2815/2915 (2904/3004NZDT) 04008KT 9999 VCFG FEW010 BKN040 BKN100 QNH2883INS GRID21008KT  
BECMG 2818/2820 (2907/2909) 03012KT 9999 NSW SCT010 BKN035 BKN160 QNH2882INS GRID20012KT  
TEMPO 2820/2902 (2909/2915) 9999 -SN BKN010 BKN030 OVC050  
BECMG 2900/2902 (2913/2915) VRB06KT 9999 SCT055 SCT160 QNH2887INS  
BECMG 2911/2913 (3000/3002) 15009KT 9999 FEW010 FEW160 QNH2883INS GRID32009KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 29/0600L – 29/1800L)

**SFC WIND (TRUE):** 15015G25KT BECMG 30012G20KT AFT 14L  
**SFC VISIBILITY (SM):** UNRES TEMPO 2 – 4 -SN BR 7-13L  
**SKY CONDITION (AGL):** FEW010 BKN040 BKN100 TEMPO BKN010 OVC040  
**MIN ALSTG:** 2882INS  
**HAZARDS:** LGT OCNL MDT ICG SFC-080

## SITE & AREA FORECASTS (VALID TIME: 29/0600L – 29/1800L)

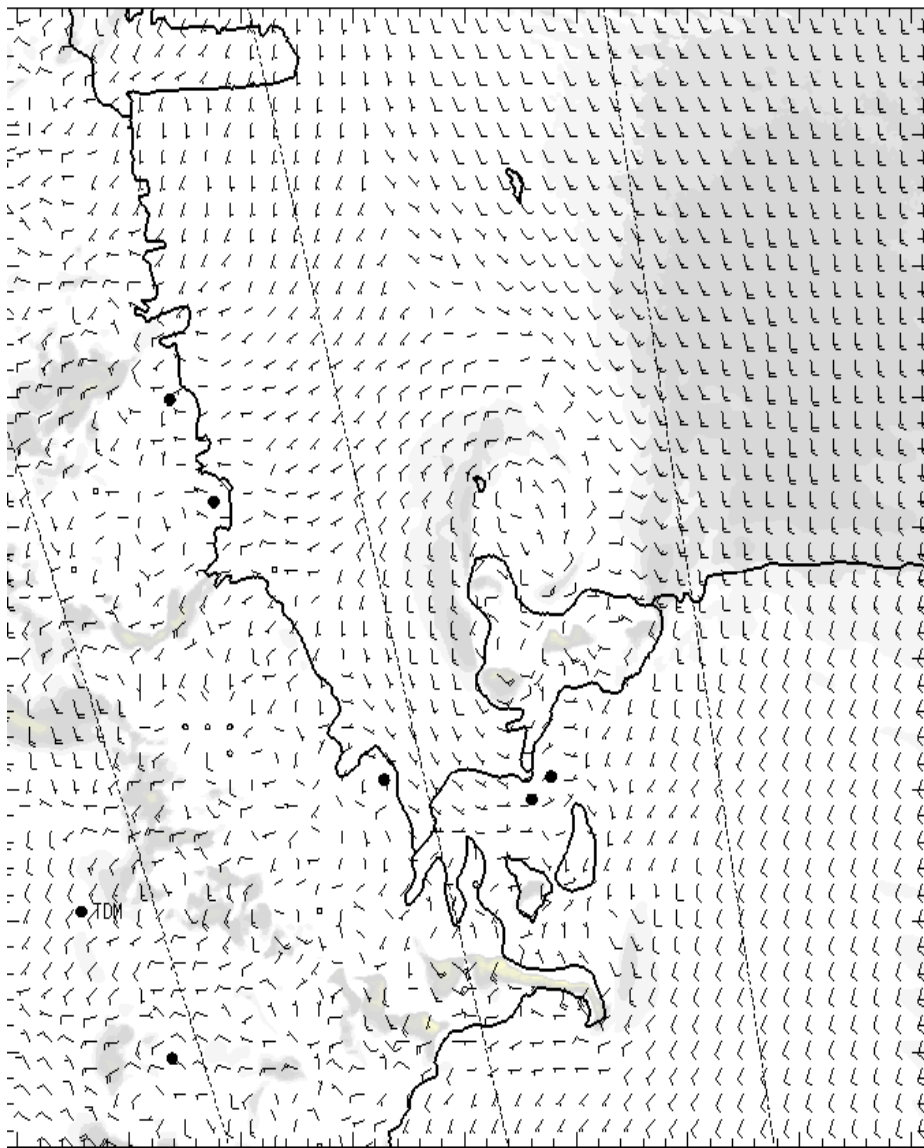
### CAPE ROYDS

**SFC WIND (TRUE):** 17020KT BECMG 34017KT AFT 14L  
**SFC VISIBILITY (SM):** UNRES TEMPO 1 – 3 -SN BR 7-13L  
**SKY CONDITION (AGL):** FEW010 BKN040 BKN100 TEMPO BKN010 OVC040  
**MIN ALSTG:** 2875INS  
**HAZARDS:** LGT OCNL MDT ICG SFC-080

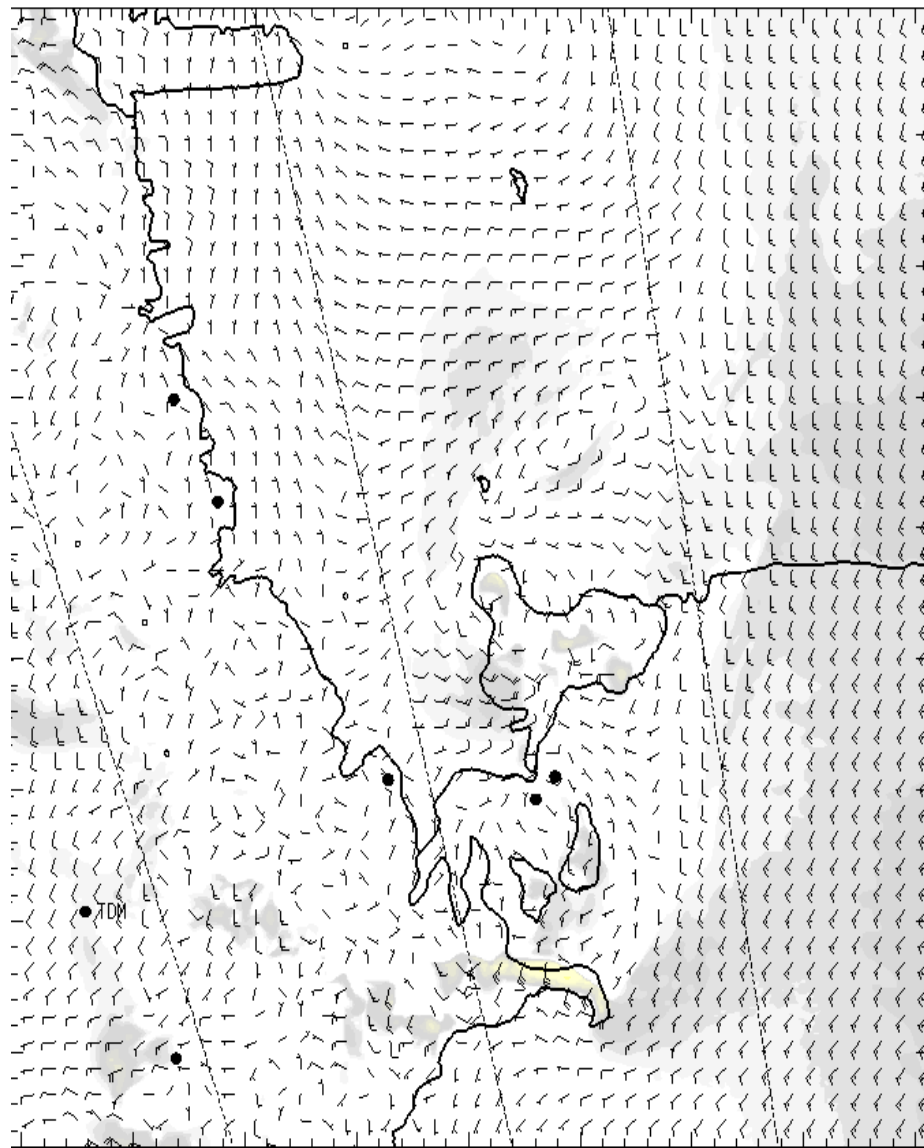
## NIGHT AREA OUTLOOKS (VALID TIME: 29/1800L – 30/0600L)

NIL

# SFC

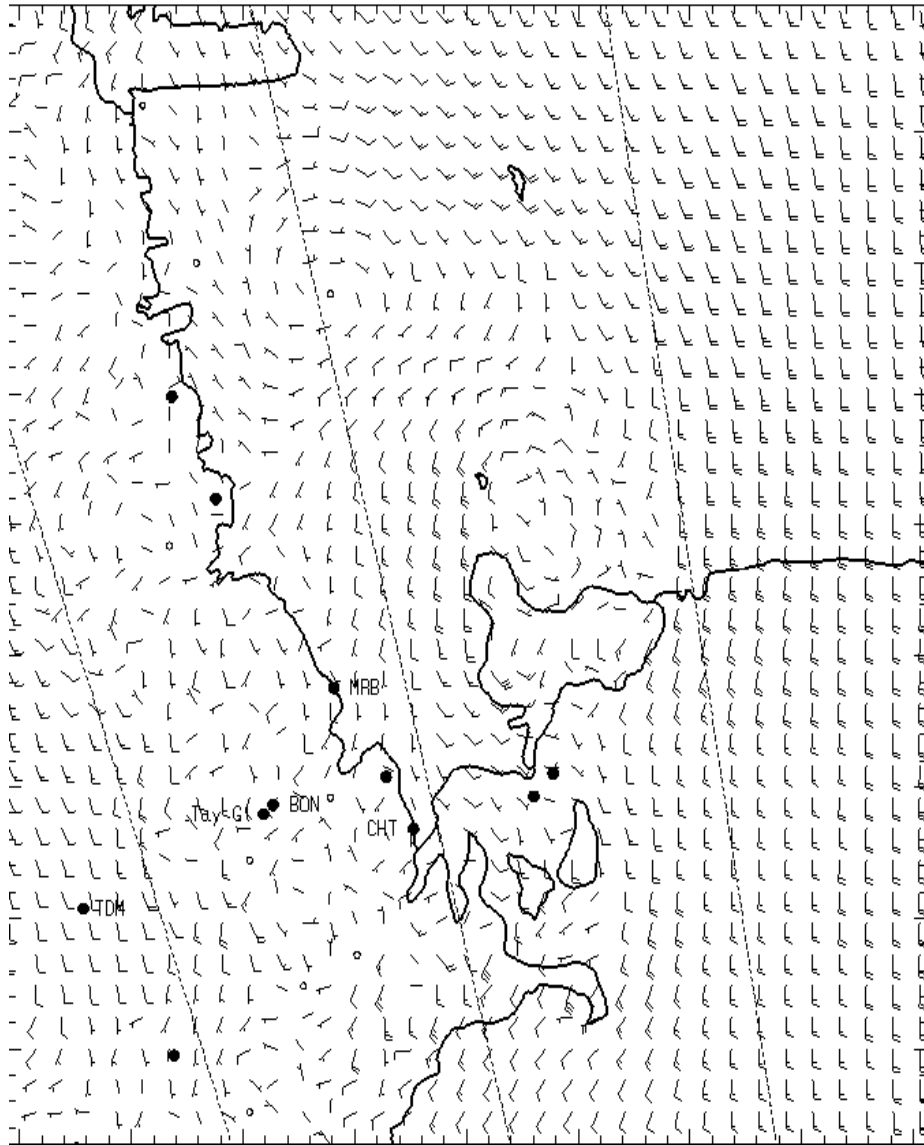


0700L

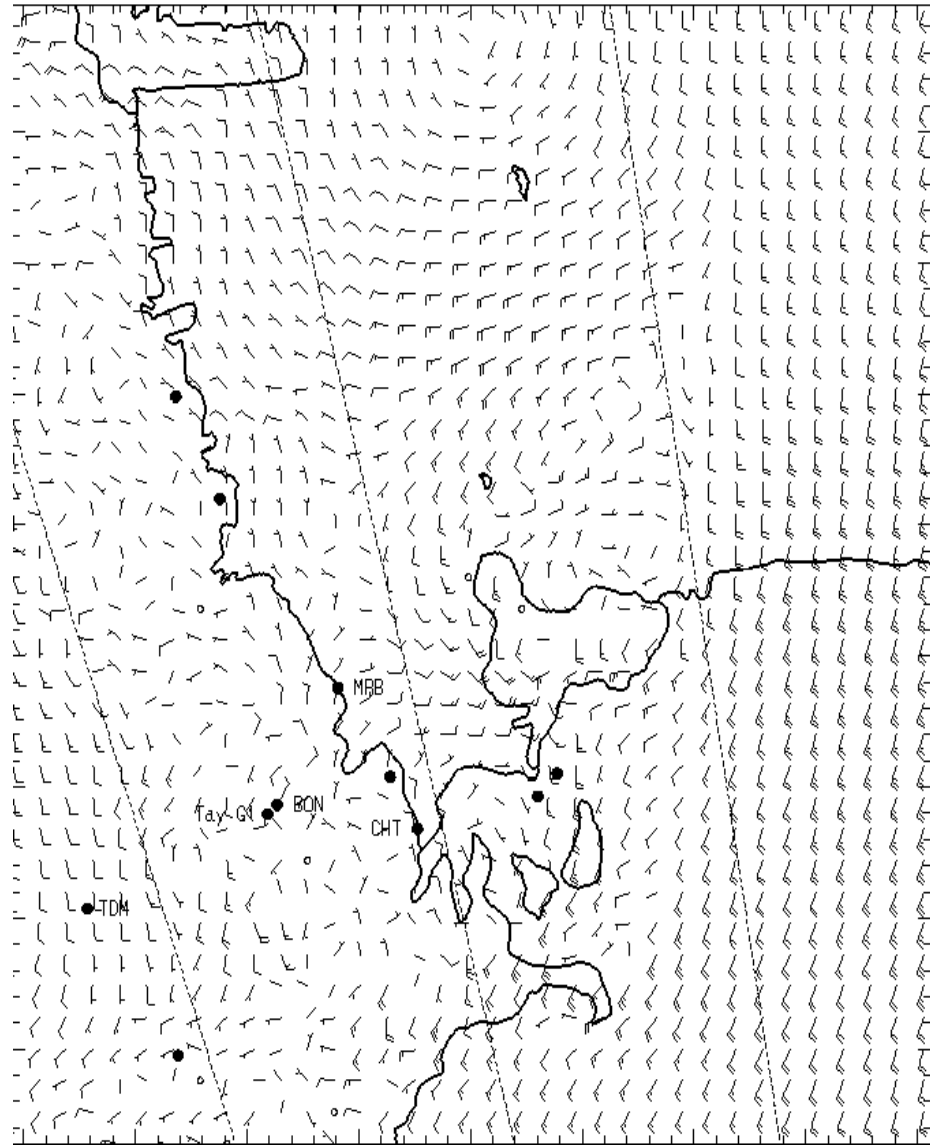


1300L

# 1,000 ft AGL

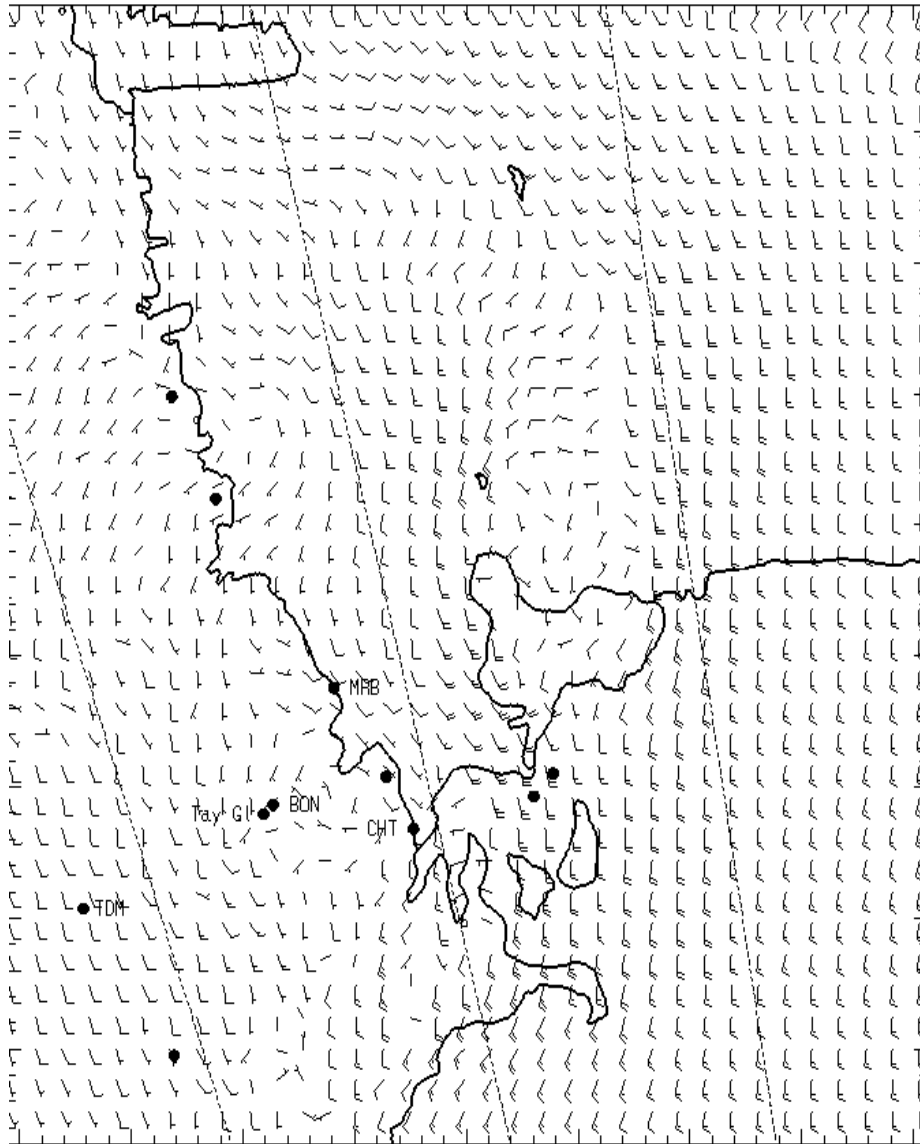


0700L

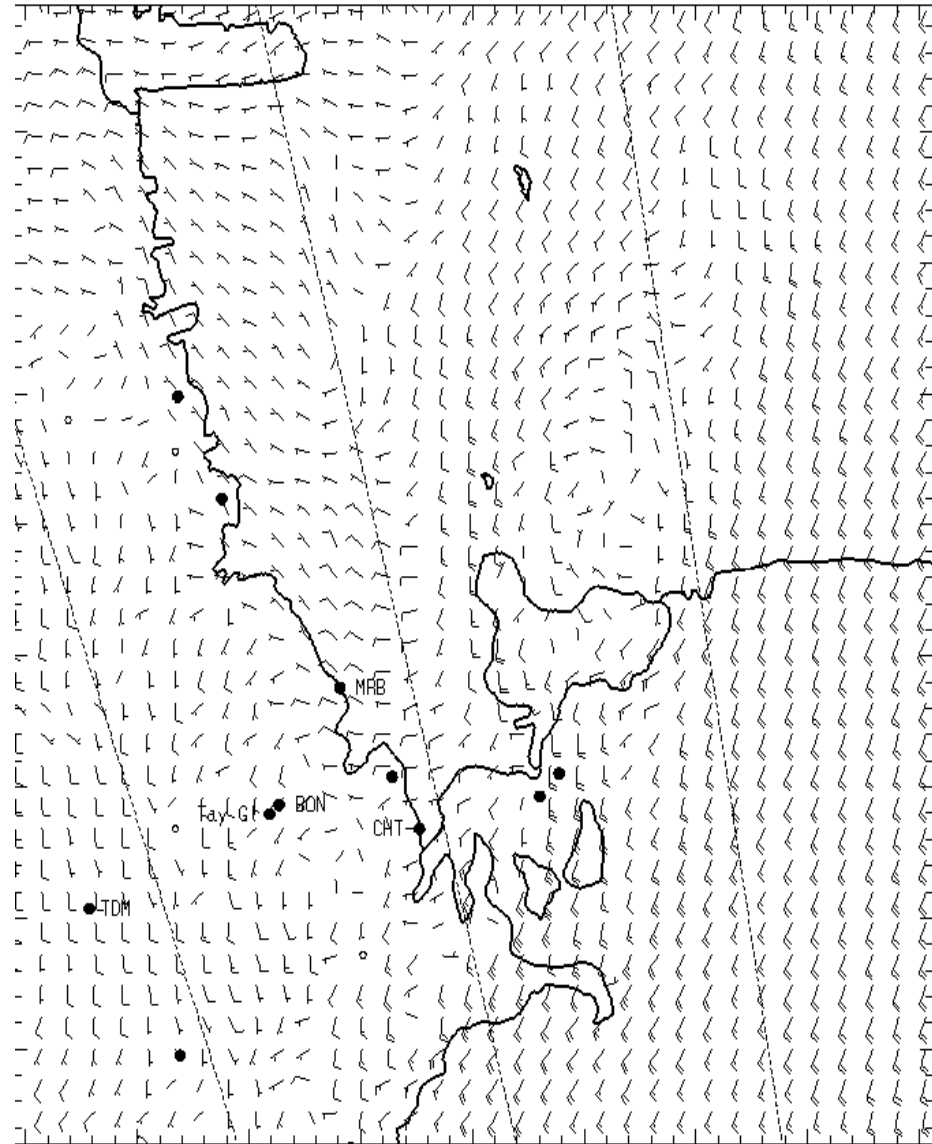


1300L

# 3,000 ft AGL

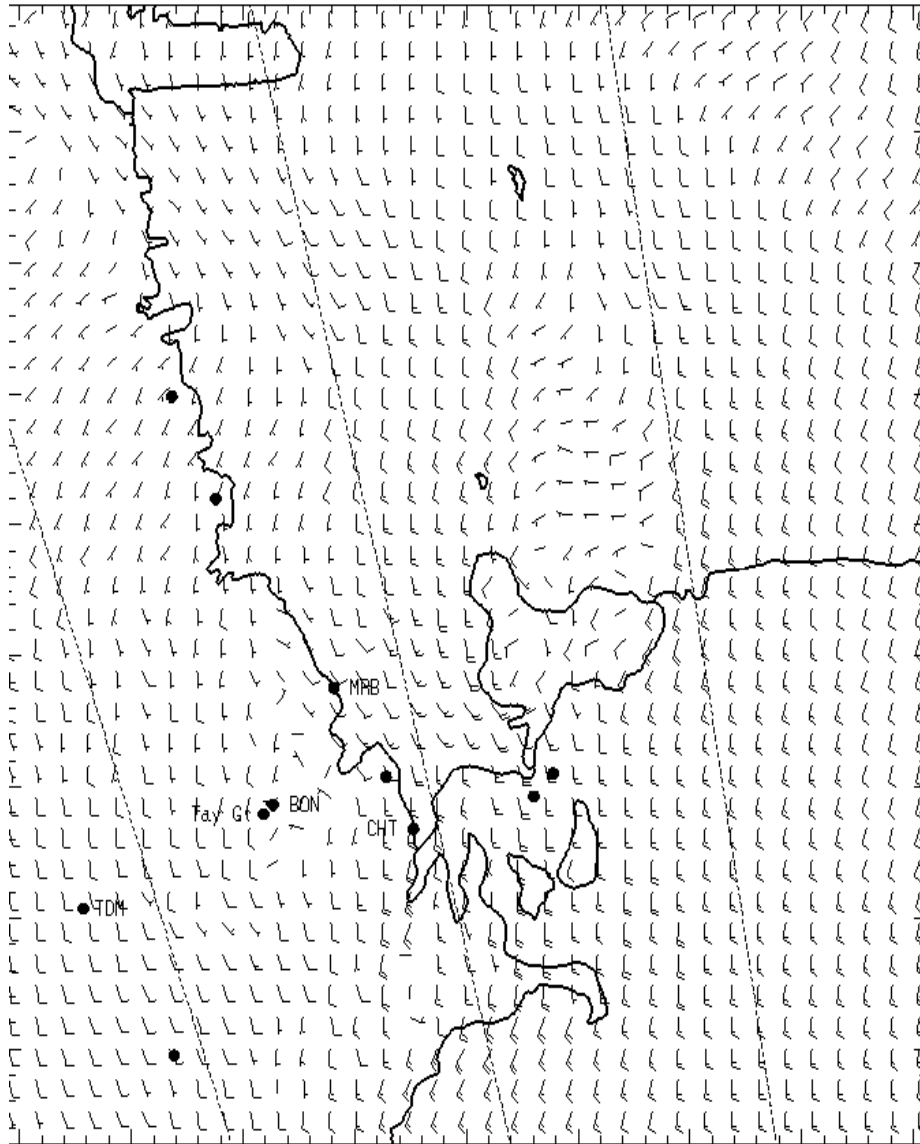


0700L

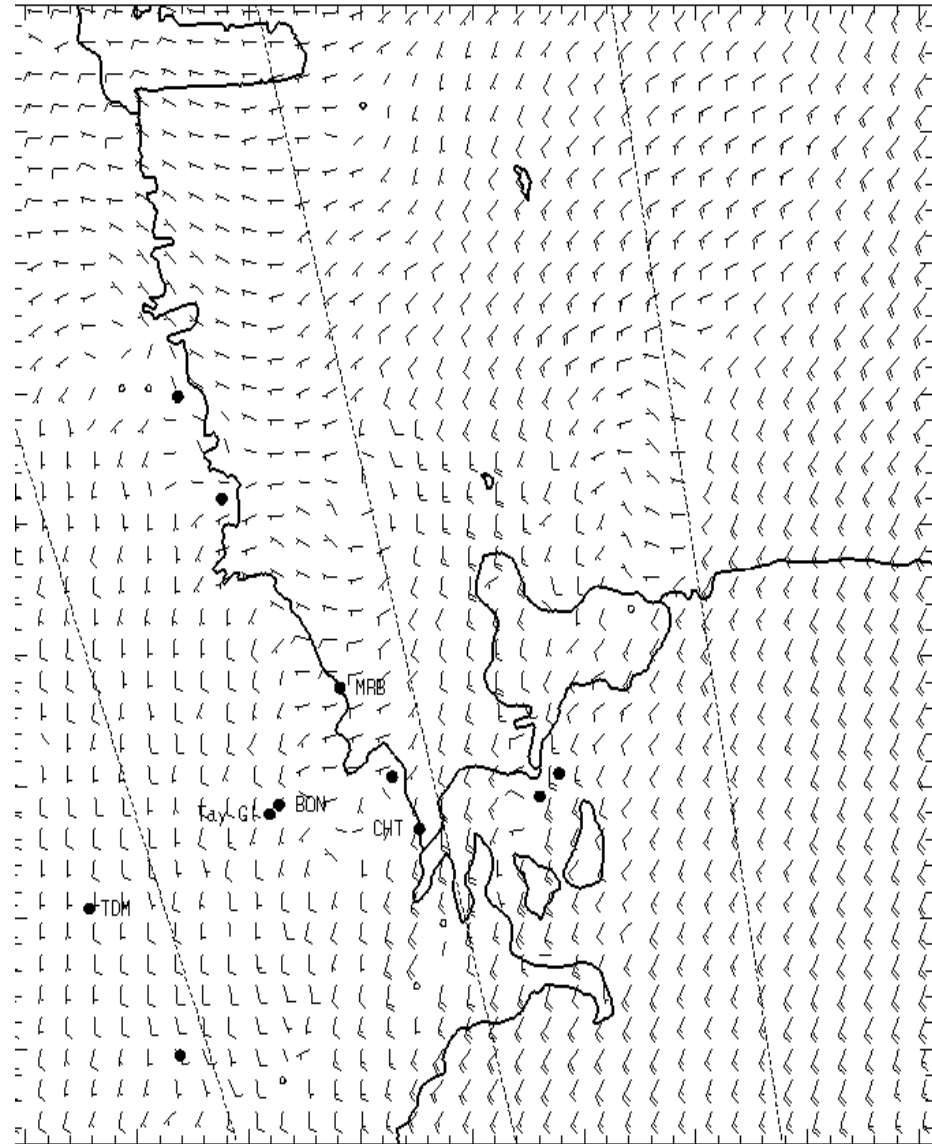


1300L

# 5,000 ft AGL



0700L



1300L