



# HELO Weather

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

Date (L): Saturday 16 January 2021

Brief Time (L): 0615

Briefing Number: 01-12

FCSTR: John Meyer

## REGIONAL SUMMARY

Low pressure is slowly drifting away along the coast of the Ross Ice Shelf, but continuing to direct a fair amount of clouds into the Ross Island region. These clouds will move in and out of the area at all levels through the day, creating highly variable ceilings at times – though elevated locations will be in the higher clouds for most all of the day. Snow and mist will once again periodically occur at many locations as well, mainly in concert with the ceilings. Since the pressure system is drifting away, winds through the entire column will remain on the lighter side.

## HAZARDS

Light to moderate rime icing in cloud at all locations except sheltered Valley locations.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 151631Z AUTO 15015KT 120V180 9999 SKC M08/M11 A2910 RMK AO1 SLP857 GRID32015KT 290V350=

## RUNWAY TAFS

TAF NZFX 151455Z 1515/1615 (1604/1704NZDT) VRB06KT 9999 SCT030 SCT050 BKN100 QNH2908INS  
TEMPO 1516/1518 (1605/1607) 4800 -SN BR BKN010 OVC020 650107  
BECMG 1518/1520 (1607/1609) VRB06KT 9999 SCT010 BKN050 OVC070 620503 QNH2908INS  
BECMG 1600/1602 (1613/1615) VRB06KT 6000 -SN SCT010 BKN030 BKN060 620355 QNH2905INS  
BECMG 1610/1612 (1623/1701) 12012G18KT 9999 -SN DRSN FEW010 SCT030 BKN100 QNH2904INS GRID29012G18KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 16/0600L – 16/1800L)

**SFC WIND (TRUE):** 13015KT  
**SFC VISIBILITY (SM):** UNRES TEMPO 3 – 5 -SN BR 12-18L  
**SKY CONDITION (AGL):** FEW030 OVC100 TEMPO SCT015 BKN030 BKN060 12-18L  
**MIN ALSTG:** 2907INS  
**HAZARDS:** LGT ICG 030-090

## SITE & AREA FORECASTS (VALID TIME: 16/0600L – 16/1800L)

### CAPE CROZIER

**SFC WIND (TRUE):** 34005KT  
**SFC VISIBILITY (SM):** 1/2 – 2 -SN BR  
**SKY CONDITION (AGL):** BKN000 BKN030 OVC050  
**MIN ALSTG:** 2893INS  
**HAZARDS:** MDT ICG SFC-090

### CAPE ROYDS

**SFC WIND (TRUE):** 14016KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN040  
**MIN ALSTG:** 2903INS  
**HAZARDS:** LGT ICG 040-080

**NUSSBAUM RIEGEL WEST**

**SFC WIND (TRUE):** 10004KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN080  
**MIN ALSTG:** 2895INS  
**HAZARDS:** NIL

**NUSSBAUM RIEGEL EAST**

**SFC WIND (TRUE):** 08006KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN080  
**MIN ALSTG:** 2896INS  
**HAZARDS:** NIL

**FANG GLACIER**

**SFC WIND (TRUE):** 02008KT  
**SFC VISIBILITY (SM):** 1/4 – 1/2 SN FG  
**SKY CONDITION (AGL):** BKN000 BKN030  
**MIN ALSTG:** 2833INS  
**HAZARDS:** MDT ICG SFC-015

**SNOW MACHINE**

**SFC WIND (TRUE):** 35008KT  
**SFC VISIBILITY (SM):** 1/4 – 1/2 SN FG  
**SKY CONDITION (AGL):** BKN000 BKN030  
**MIN ALSTG:** 2832INS  
**HAZARDS:** MDT ICG SFC-020

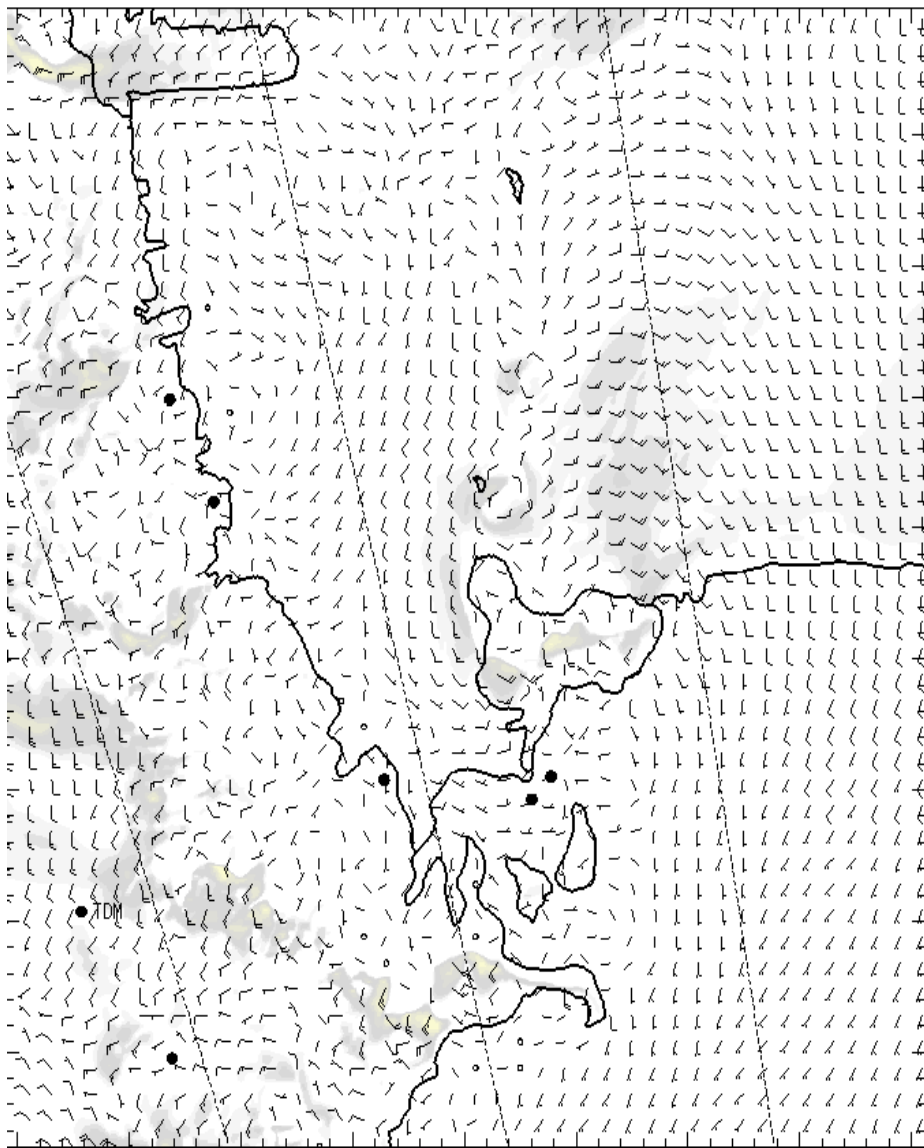
**BLACK ISLAND**

**SFC WIND (TRUE):** VRB06KT BECMG 29014KT AFT 14L  
**SFC VISIBILITY (SM):** UNRES BECMG 1 – 3 -SN BR AFT 12L  
**SKY CONDITION (AGL):** FEW020 BKN070 BECMG BKN005 BKN020 OVC040 AFT 12L  
**MIN ALSTG:** 2906INS  
**HAZARDS:** NIL BECMG LGT-MDT ICG 005-070 AFT 12L

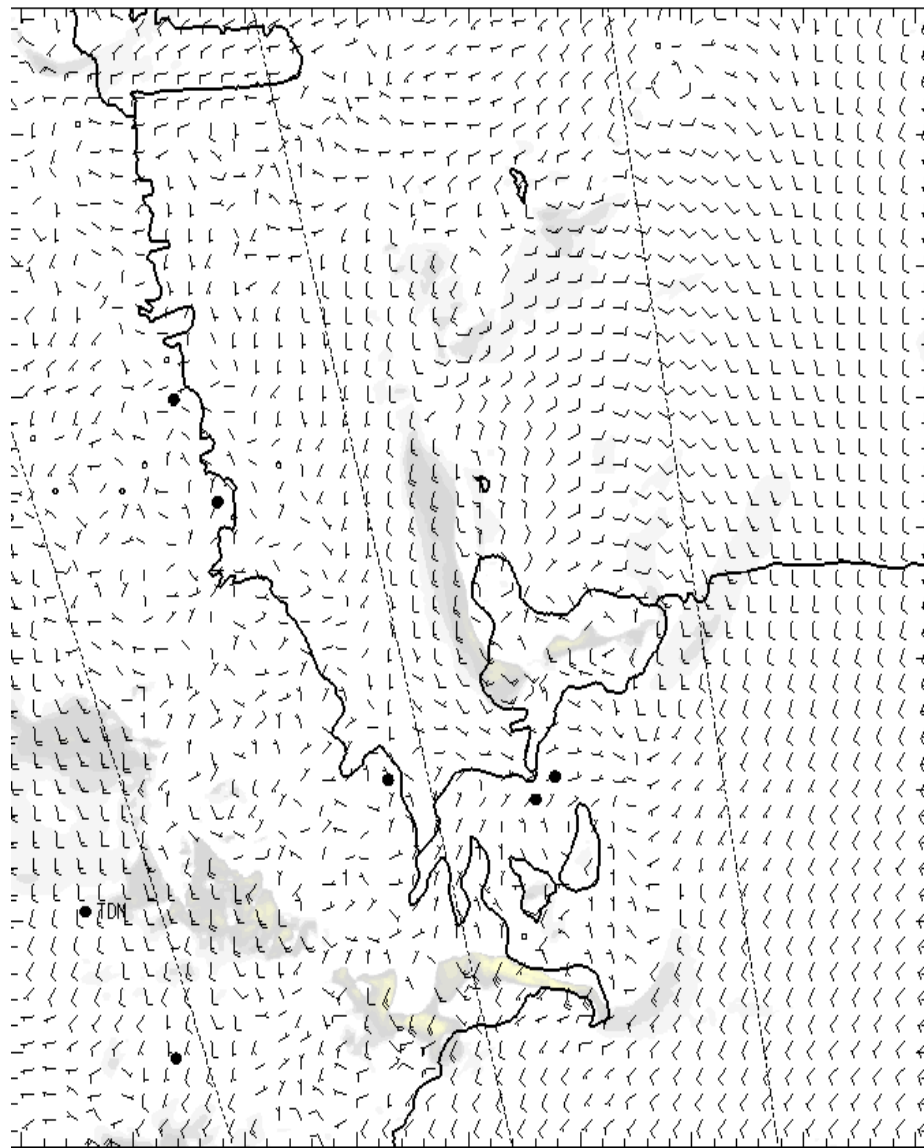
**NIGHT AREA OUTLOOKS (VALID TIME: 16/1800L – 17/0600L)**

**NIL**

# SFC

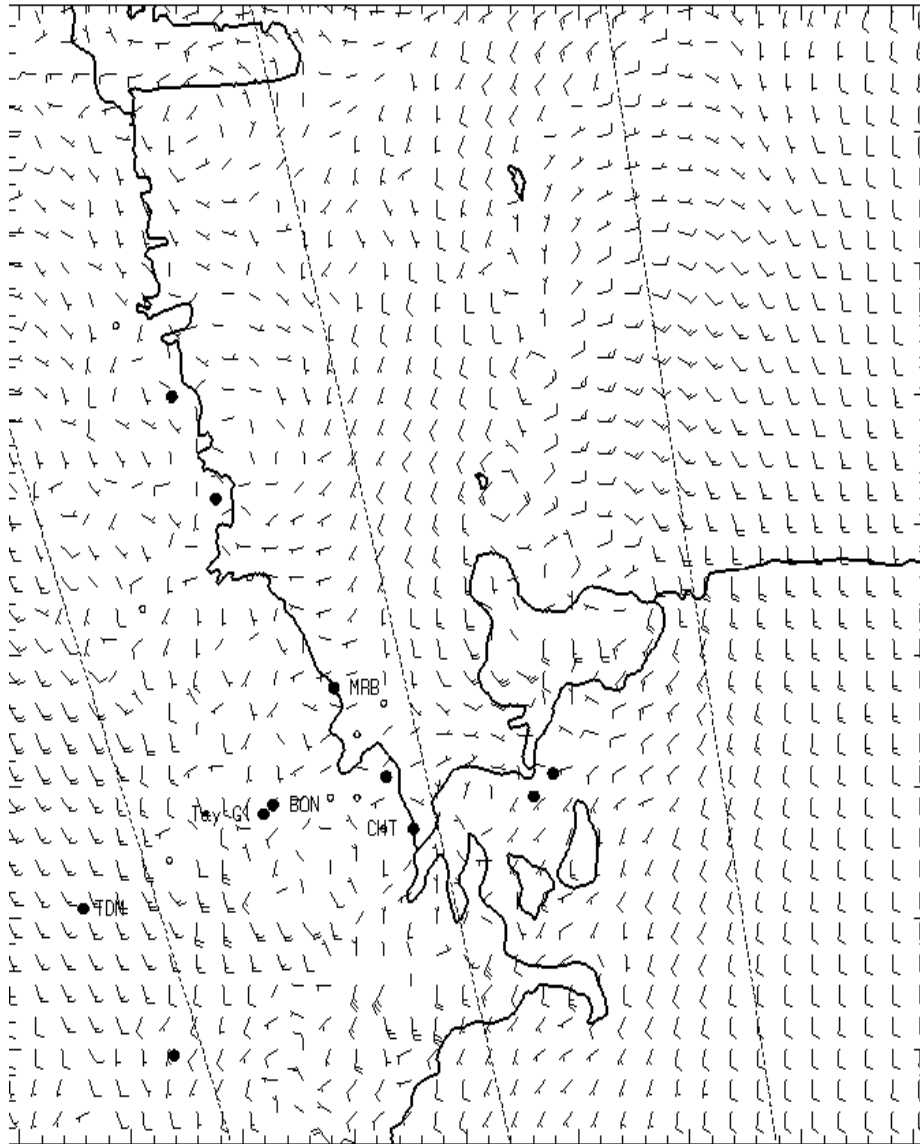


0700L

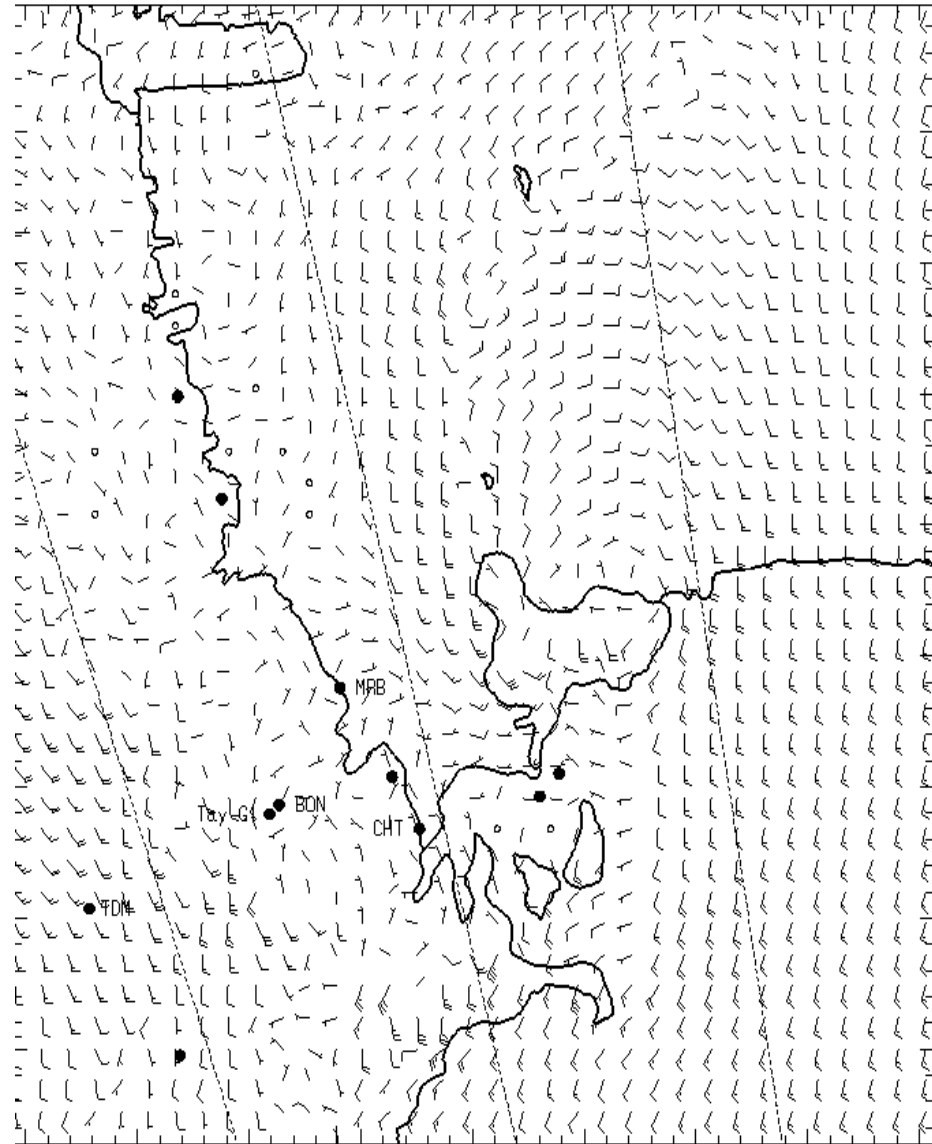


1300L

# 1,000 ft AGL

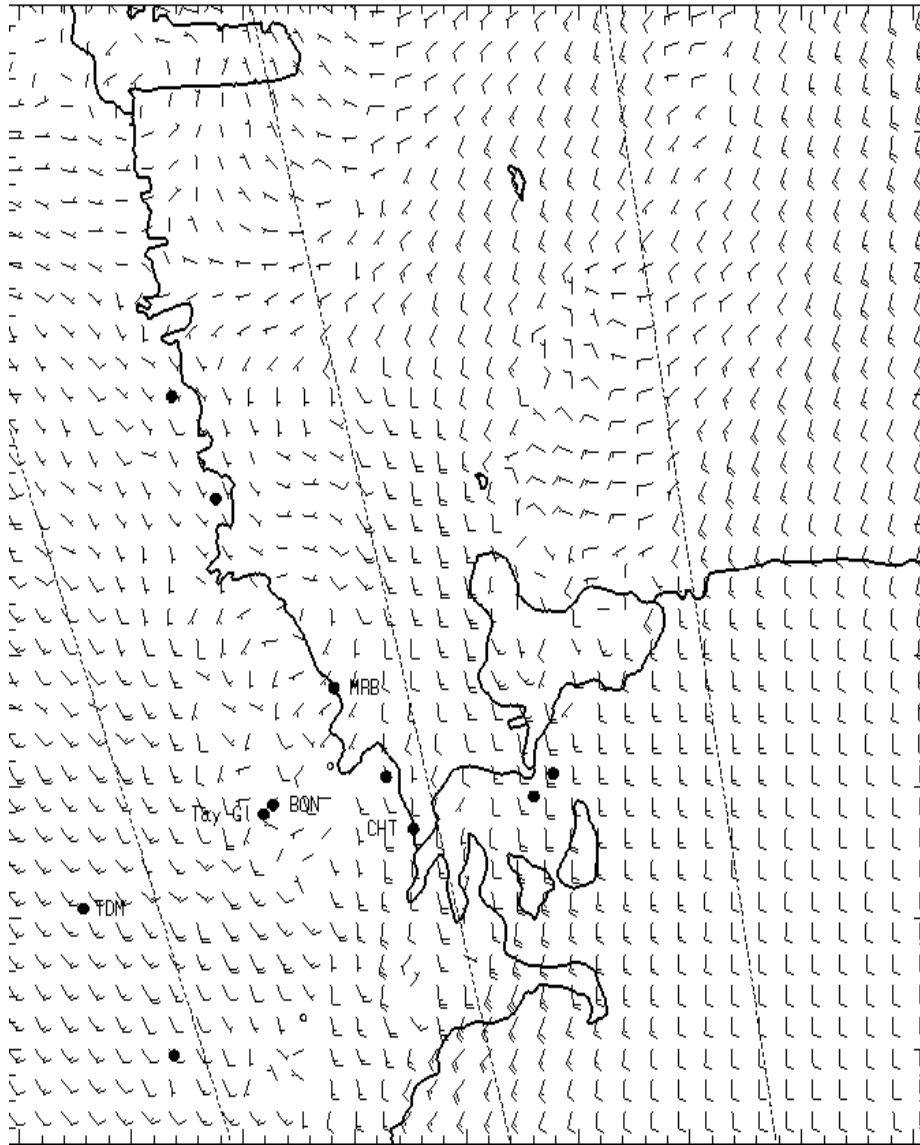


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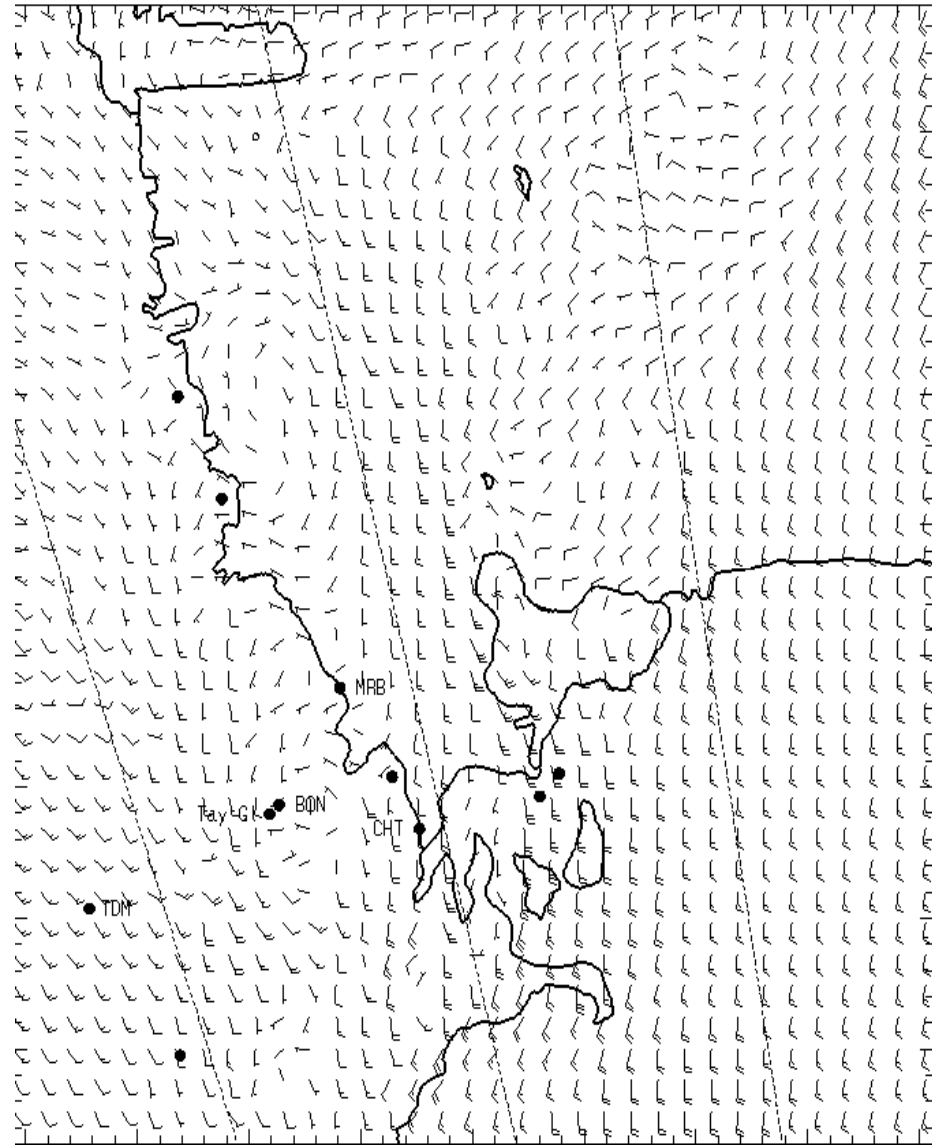


1300L

# 3,000 ft AGL

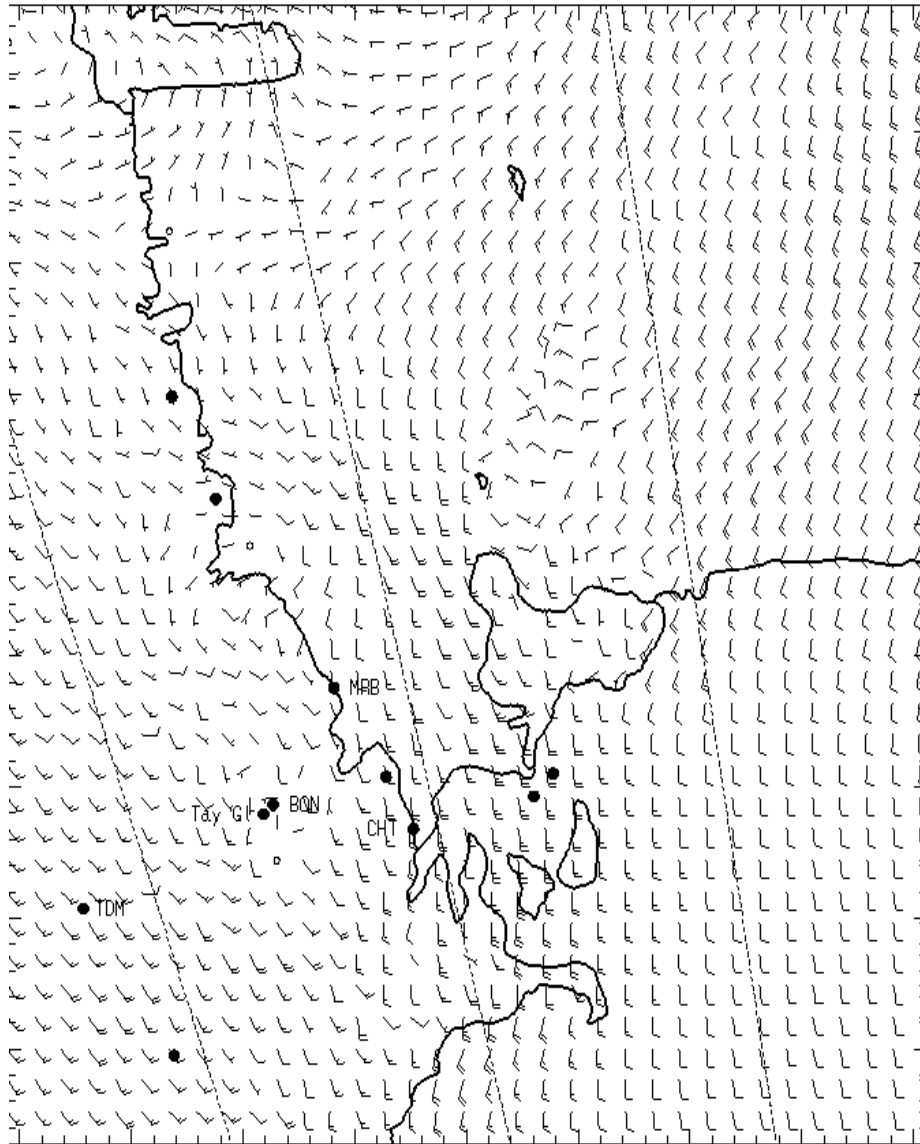


0700L

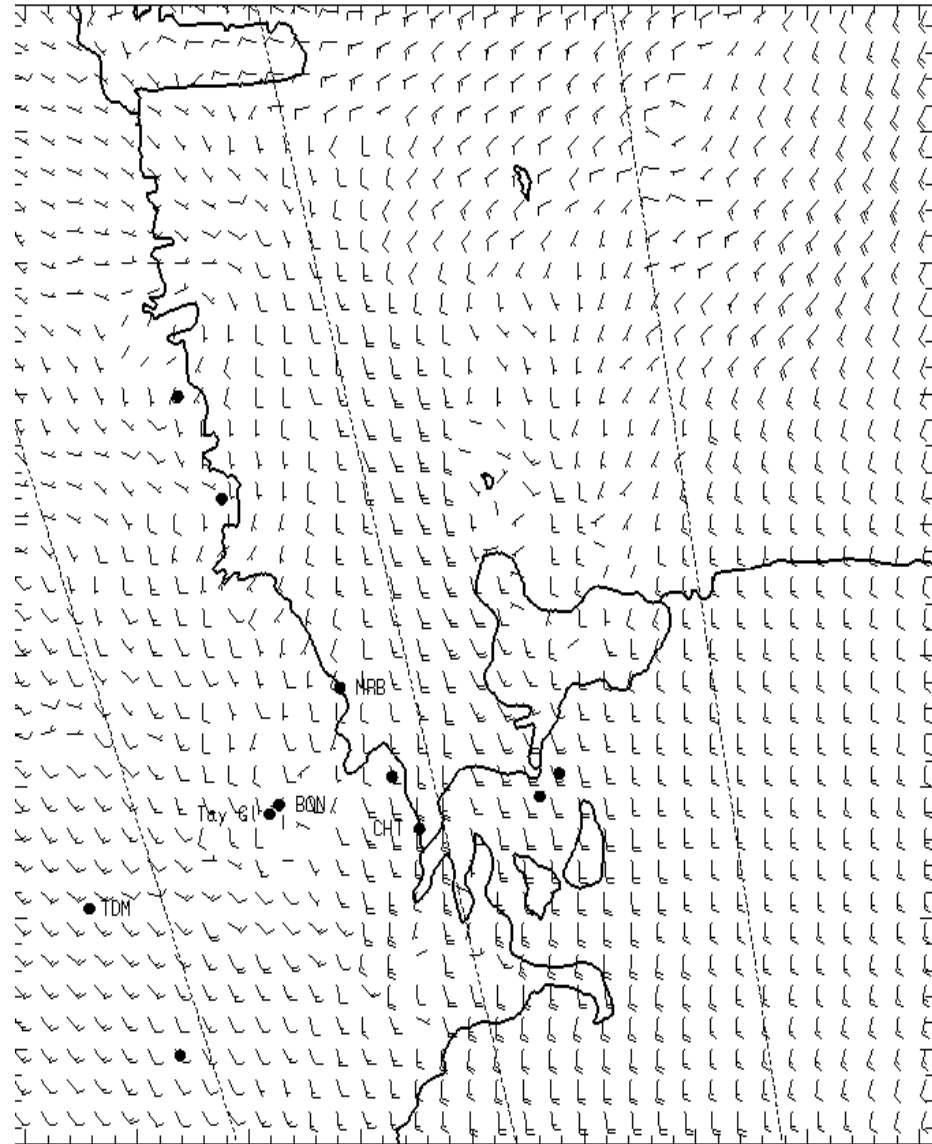


1300L

# 5,000 ft AGL



0700L



1300L