



# 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, 20 November 2025

Brief Time (L): 0600

Briefing Number: 11-023

FCSTR: Paul Gulli

## REGIONAL SUMMARY

Building high pressure to the northeast of Ross Island continues to keep the region under mostly fair weather, with light winds and good visibility. As the circulation continues to develop today it's expected to shift somewhat to the northwest and increase the flow down the Sound, resulting in stratus ceilings. Model data are suggesting some of this stratus could manifest through the middle part of the day, but satellite imagery doesn't show much development at this time, so it's being depicted as more of an intermittent condition our TAFs, with a more convincing signature this evening. That said, areas on the north and west sides of Ross Island are in play for those ceilings as some of that has already developed in those areas (Cape Evans through North Base) or lend themselves to "damming" from flow off the Ross Sea (Cape Crozier).

## HAZARDS

LGT TURBC potential exists west of Hut Point Peninsula due to stronger northwesterly wind flow in that region. TRACE to LGT RIME ICG potential exists in cloud layers predicted to move down McMurdo Sound and over Hut Point Peninsula, as well as over Black Island and Cape Crozier.

## LATEST MCMURDO OBSERVATION

METAR NZCM 191655Z AUTO 0000KT 9999 SKC M08/M12 A2937 RMK AO2 SLP951 T10751119 \$=

## RUNWAY TAFS

TAF NZFX 191455Z 1915/2015 (2004/2104NZDT) VRB06KT 9999 FEW035 FEW180 QNH2920INS  
TEMPO 1921/2003 (2010/2016NZDT) BKN015 620152  
BECMG 2006/2008 (2019/2021NZDT) 31012KT 9999 BKN015 620152 QNH2914INS GRID12012KT

TAF NZWD 191455Z 1915/2015 (2004/2104NZDT) VRB06KT 9999 FEW035 FEW180 QNH2919INS  
TEMPO 1921/2003 (2010/2016NZDT) BKN015 620152  
BECMG 2006/2008 (2019/2021NZDT) 31012KT 9999 BKN015 620152 QNH2913INS GRID12012KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 20/0600L – 1800L)

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT030, TEMPO BKN015 10-16L

**MIN ALSTG:** 29.27INS

**HAZARDS:** TRACE ICG 015-025 10-16L

**SITE & AREA FORECASTS (VALID TIME: 20/0600L – 1800L)**

**CAPE EVANS**

**SFC WIND (TRUE):** 33019KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (MSL):** SCT V BKN015  
**MIN ALSTG:** 29.27INS  
**HAZARDS:** LGT TURBC SFC-040, TRACE ICG 015-025

**F6**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (MSL):** FEW030 SCT180  
**MIN ALSTG:** 29.25INS  
**HAZARDS:** NIL

**COMMONWEALTH GL STAKE 6**

**SFC WIND (TRUE):** 36006KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (MSL):** FEW030 SCT180  
**MIN ALSTG:** 29.07INS  
**HAZARDS:** NIL

**BLACK ISLAND**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNRES, BECMG 2 -SN BR AFT 14L  
**SKY CONDITION (MSL):** FEW030 SCT180, BECMG BKN010 AFT 14L  
**MIN ALSTG:** 29.25INS  
**HAZARDS:** LGT RIME ICG 010-025 AFT 14L

**CAPE ROYDS**

**SFC WIND (TRUE):** 01013KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (MSL):** SCT V BKN015, BECMG BKN015 AFT 14L  
**MIN ALSTG:** 29.25INS  
**HAZARDS:** TRACE ICG 015-025

**CAPE CROZIER**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNRES, BECMG 4 -SN BR AFT 12L  
**SKY CONDITION (MSL):** FEW015 BKN180, BECMG BKN015 OVC030 AFT 12L  
**MIN ALSTG:** 29.26INS  
**HAZARDS:** LGT RIME ICG 015-040 AFT 12L

**NORTH BASE**

**SFC WIND (TRUE):** VRB06KT, BECMG 34013KT AFT 10L  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (MSL):** SCT V BKN015, BECMG BKN015 AFT 14L  
**MIN ALSTG:** 29.25INS  
**HAZARDS:** TRACE ICG 015-025

**SCOTT BASE**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (MSL):** FEW015 SCT180, TEMPO BKN015 10-16L

**MIN ALSTG:** 29.28INS

**HAZARDS:** TRACE ICG 015-025 10-16L

**FANG CAMP**

**SFC WIND (TRUE):** 36006KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (MSL):** SCT100

**MIN ALSTG:** 28.68INS

**HAZARDS:** LGT TURBC SFC-030

**HOOPERS SHOULDER**

**SFC WIND (TRUE):** 36006KT

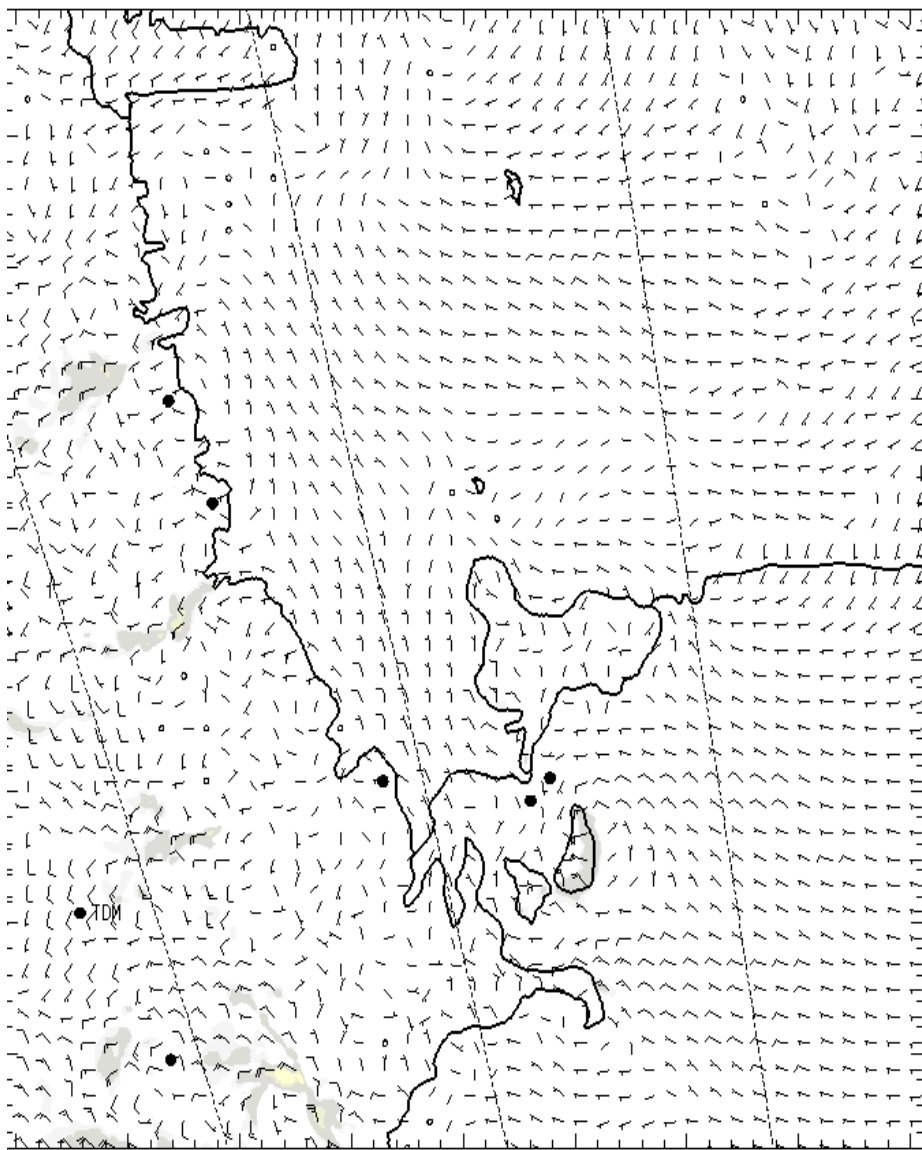
**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (MSL):** SCT100

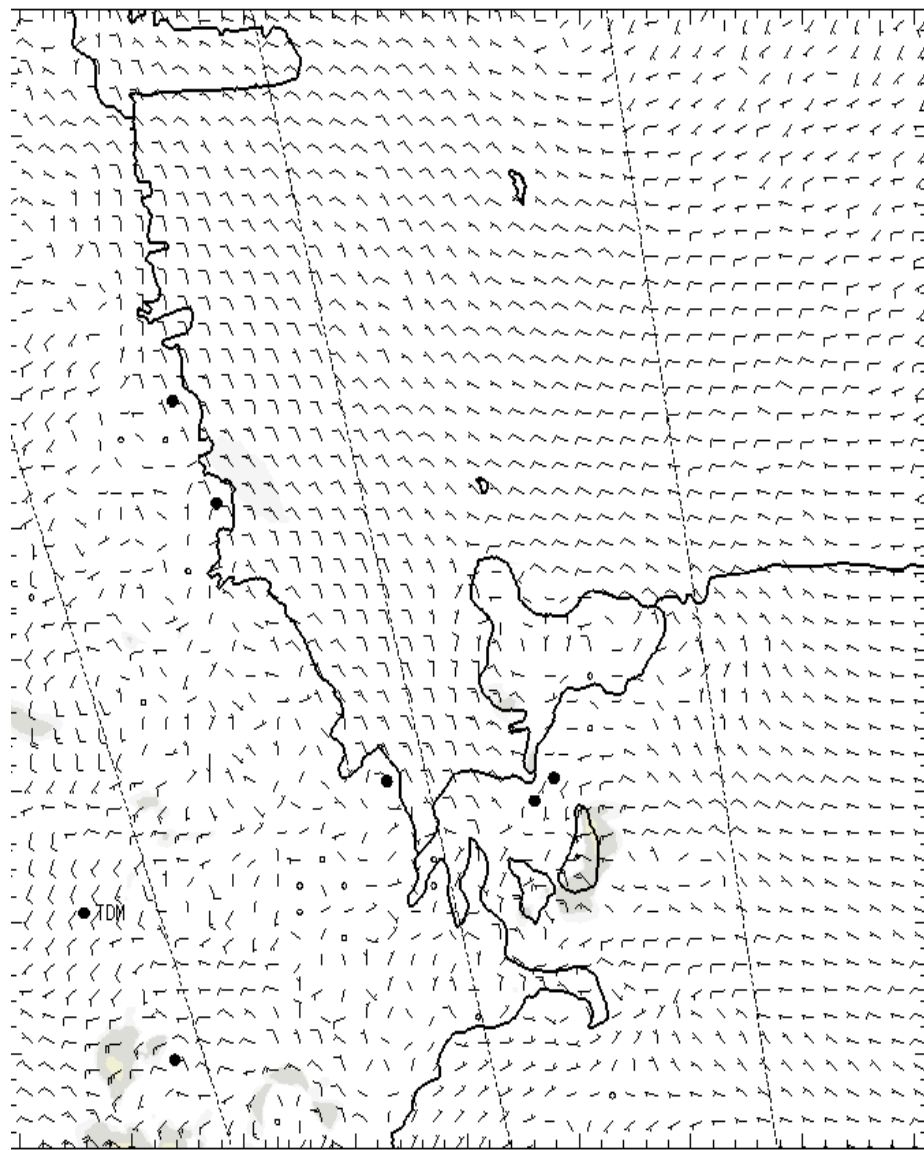
**MIN ALSTG:** 28.76INS

**HAZARDS:** NIL

# SFC

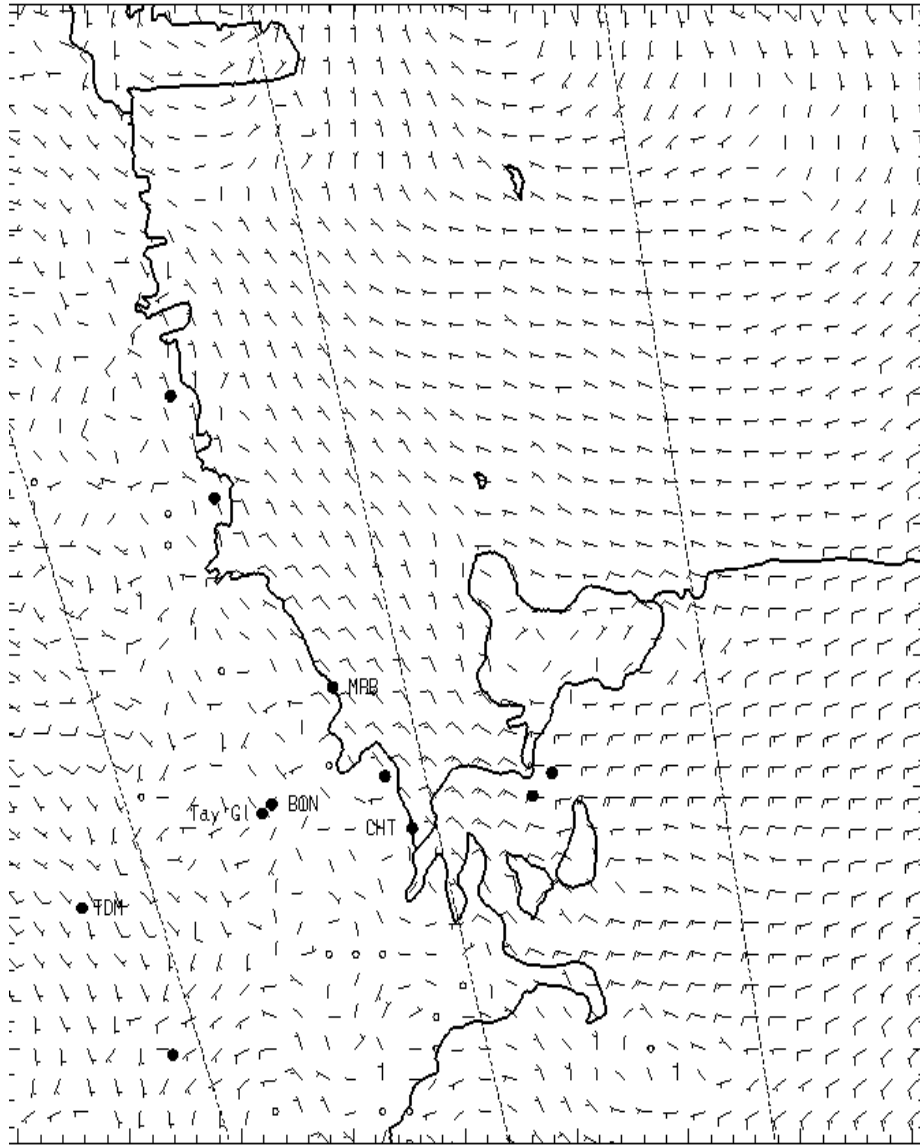


0600L

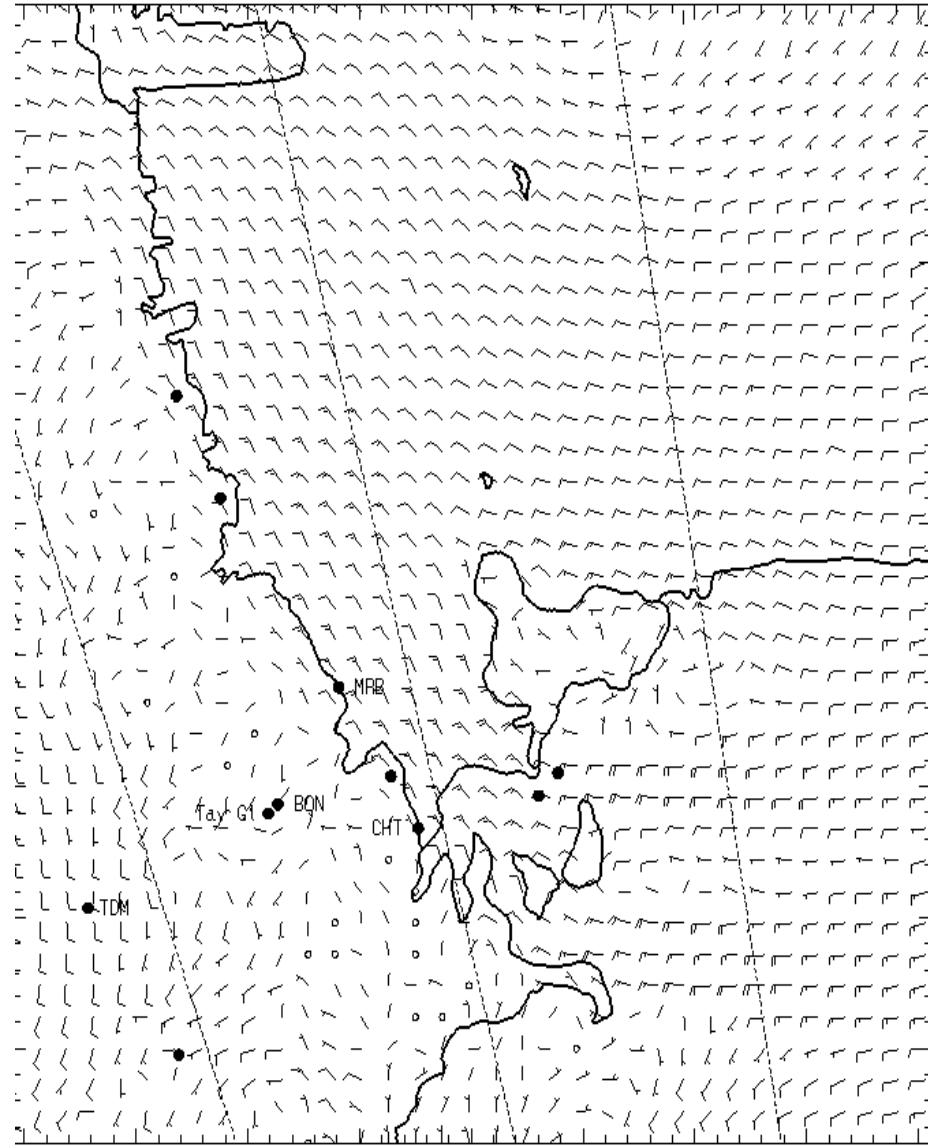


1200L

# 1,000 ft AGL

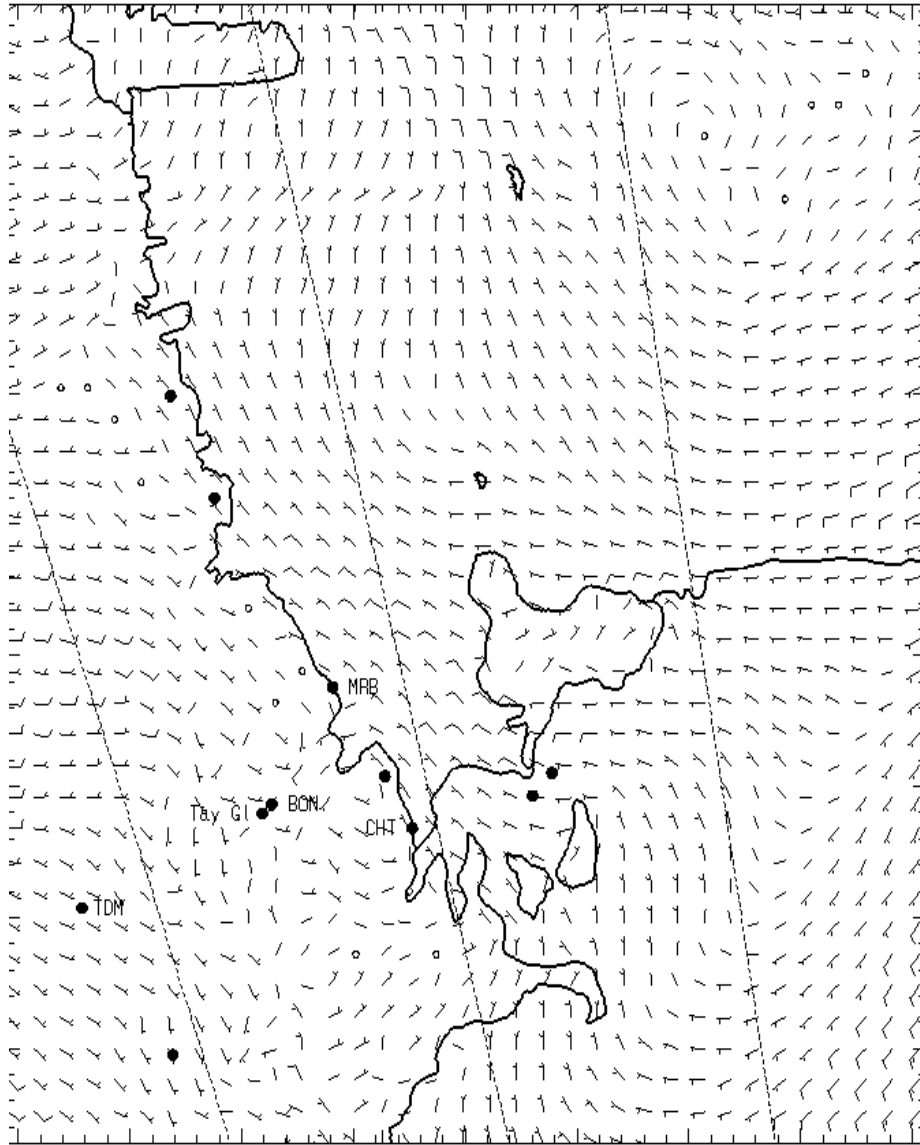


0600L

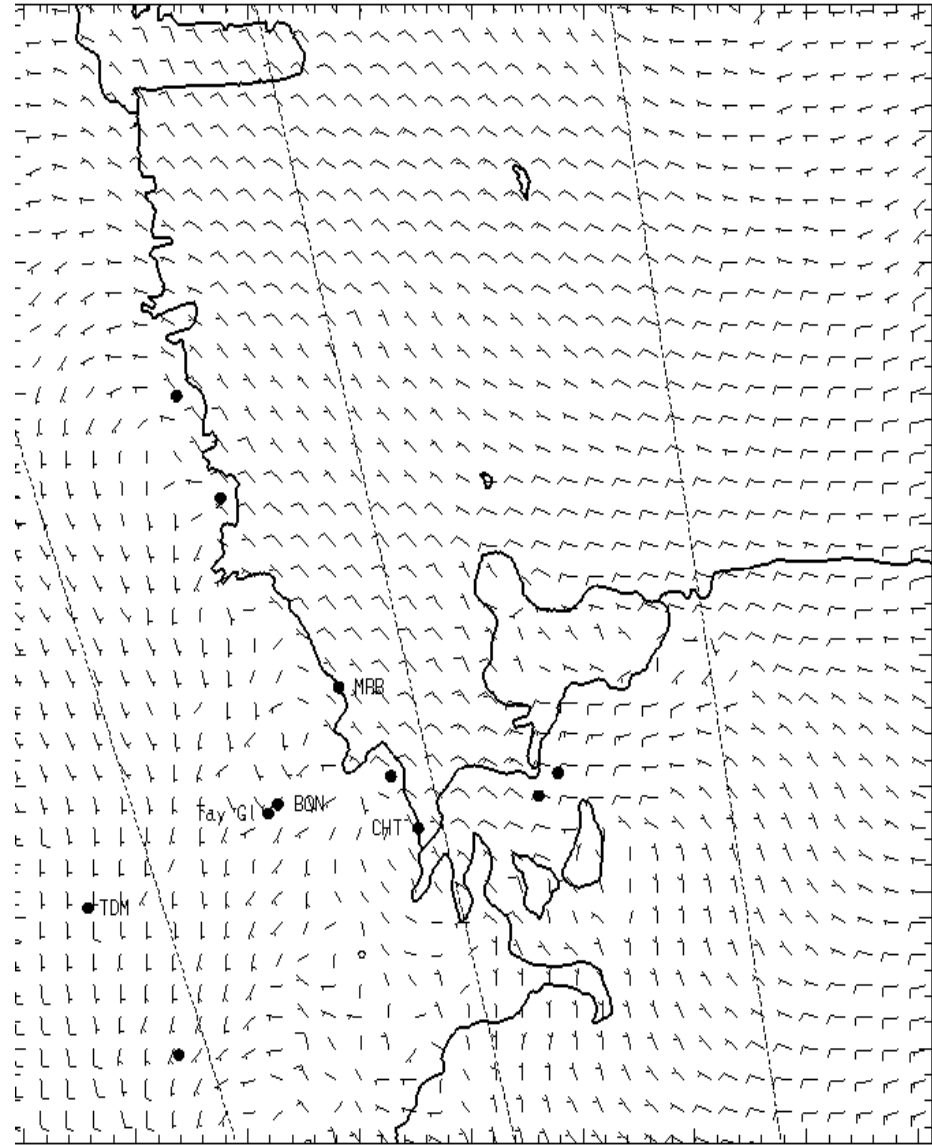


1200L

# 3,000 ft AGL

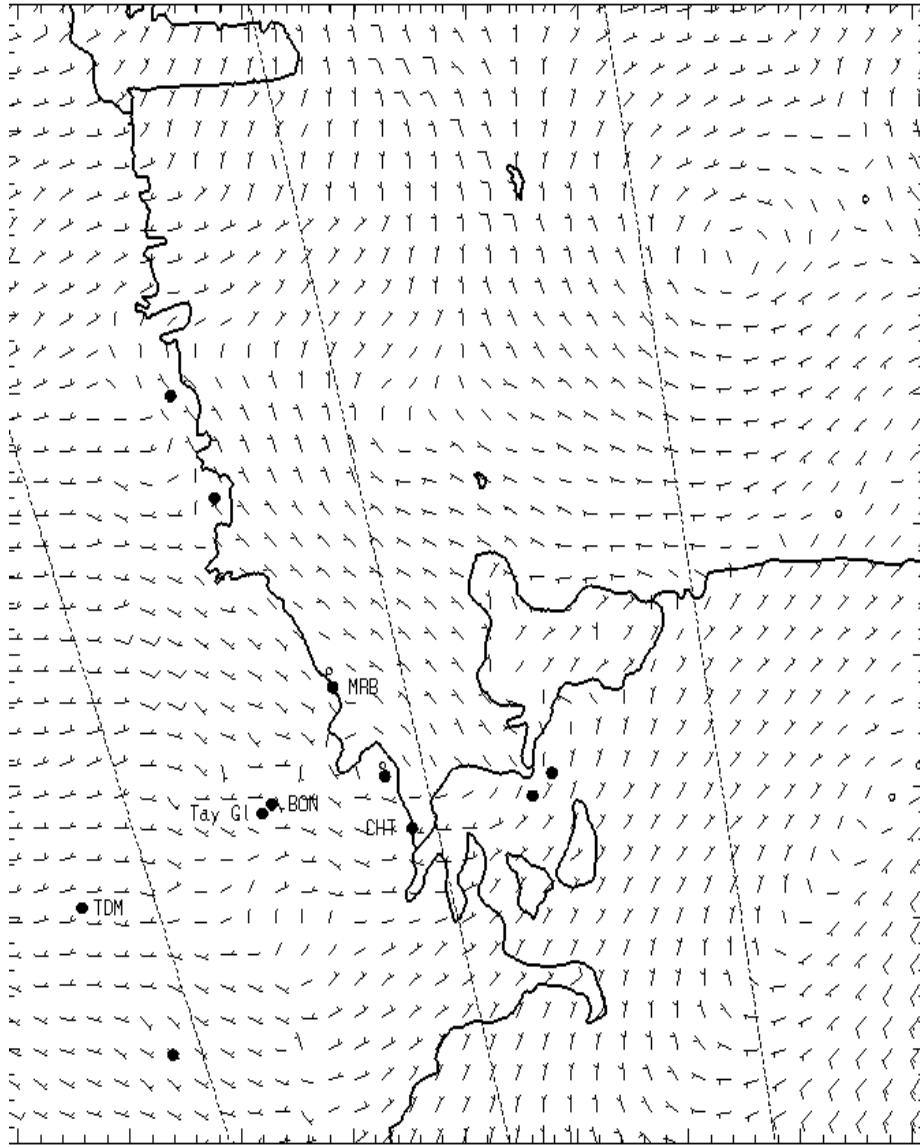


0600L

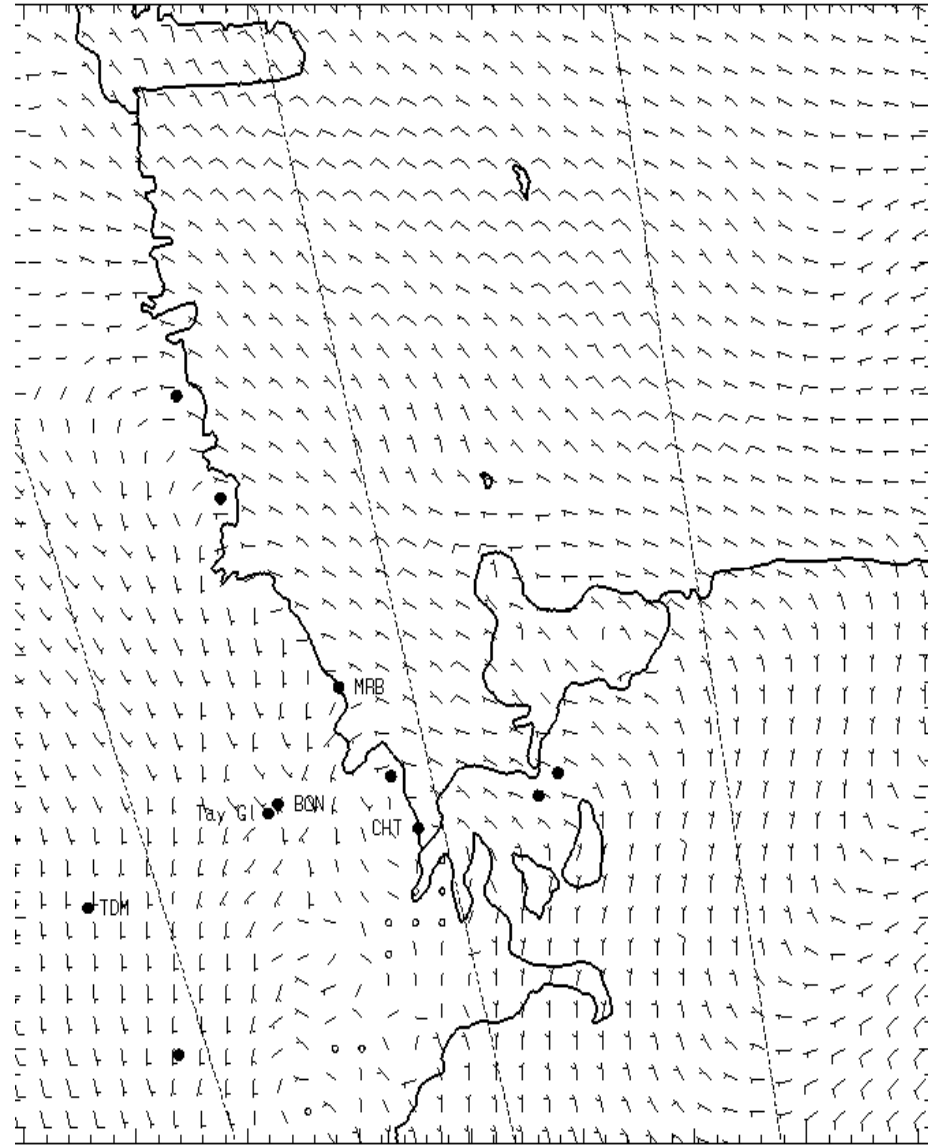


1200L

# 5,000 ft AGL



0600L



1200L