



Helo Weather

Charleston ROF
Email: weather.chs@usap.gov
Iridium: 011 8816 7631 5168
VOIP: x32664
Charleston ROF: 843-218-3927

Date (L): Friday 14 February 2025

Brief Time (L): 0600L

Briefing Number: 02-016

FORECASTER: Bob Michael

REGIONAL SUMMARY

A minor low pressure system moving off the continental coast to the north will direct clouds and snow showers southward into McMurdo Sound. That moisture transport is not expected to extend to the McMurdo end of the sound, and will be countered by off-shore flow through the glaciers/dry valleys through the day, but could result in low clouds and snow showers in the Marble Point vicinity late in this forecast period.

HAZARDS

Gusty winds in the upper Taylor Valley will generate light/occasional moderate turbulence near the surface at Lake Bonney and vicinity. Light turbulence is possible elsewhere in the valley where winds interact/accelerate with terrain.

LATEST MCMURDO OBSERVATION (AUTO OBS)

METAR NZCM 131555Z AUTO 09004KT 9999 SKC M08/M17

RUNWAY TAFS

TAF NZFX 131457Z 1315/1415 (1404/1504NZDT) 10008KT 9999 FEW018 FEW070 SCT120 QNH2922INS GRID27008KT BECMG 1323/1401 (1412/1414) 07006KT 9999 SCT010 BKN030 QNH2915INS GRID24006KT

TAF NZWD 131457Z 1315/1415 (1404/1504NZDT) VRB06KT 9999 FEW018 FEW070 SCT120 QNH2925INS BECMG 1400/1402 (1413/1415) 06006KT 9999 SCT010 BKN030 QNH2915INS GRID23006KT

MCMURDO HELIPAD FORECAST (VALID TIME: 14/0600L - 1800L)

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (M): 9999

SKY CONDITION (AGL): FEW030 FEW060 FEW120

MIN ALSTG: 29.19INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 14/0600L - 1800L)

LAKE BONNEY

SFC WIND (TRUE): 25015G20KT BECMG 25020G25KT AFT 10L

SFC VISIBILITY (M): 9999

SKY CONDITION (AGL): FEW025 FEW120

MIN ALSTG: 29.14INS

HAZARDS: LGT TURBC SFC-020 BECMG LGT OCNL MDT AFT 10L

LAKE HOARE

SFC WIND (TRUE): 24015KT BECMG VRB06KT AFT 14L

SFC VISIBILITY (M): 9999

SKY CONDITION (AGL): FEW025 FEW120

MIN ALSTG: 29.14INS

HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT BECMG 33010KT AFT 15L

SFC VISIBILITY (M): 9999

SKY CONDITION (AGL): FEW030 FEW120

MIN ALSTG: 29.21INS

HAZARDS: NIL

F6

SFC WIND (TRUE): 27010G15KT BECMG 34010KT AFT 15L

SFC VISIBILITY (M): 9999

SKY CONDITION (AGL): FEW030 FEW120

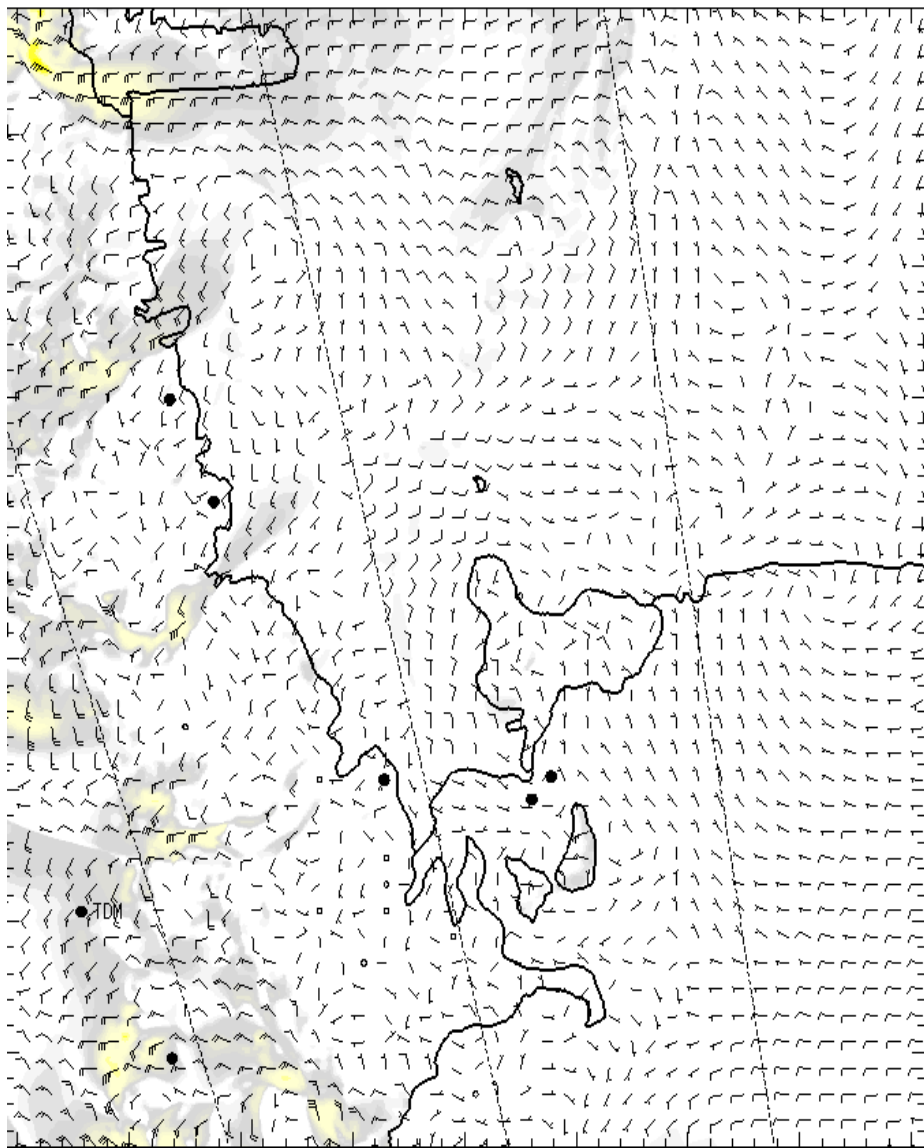
MIN ALSTG: 29.20INS

HAZARDS: NIL

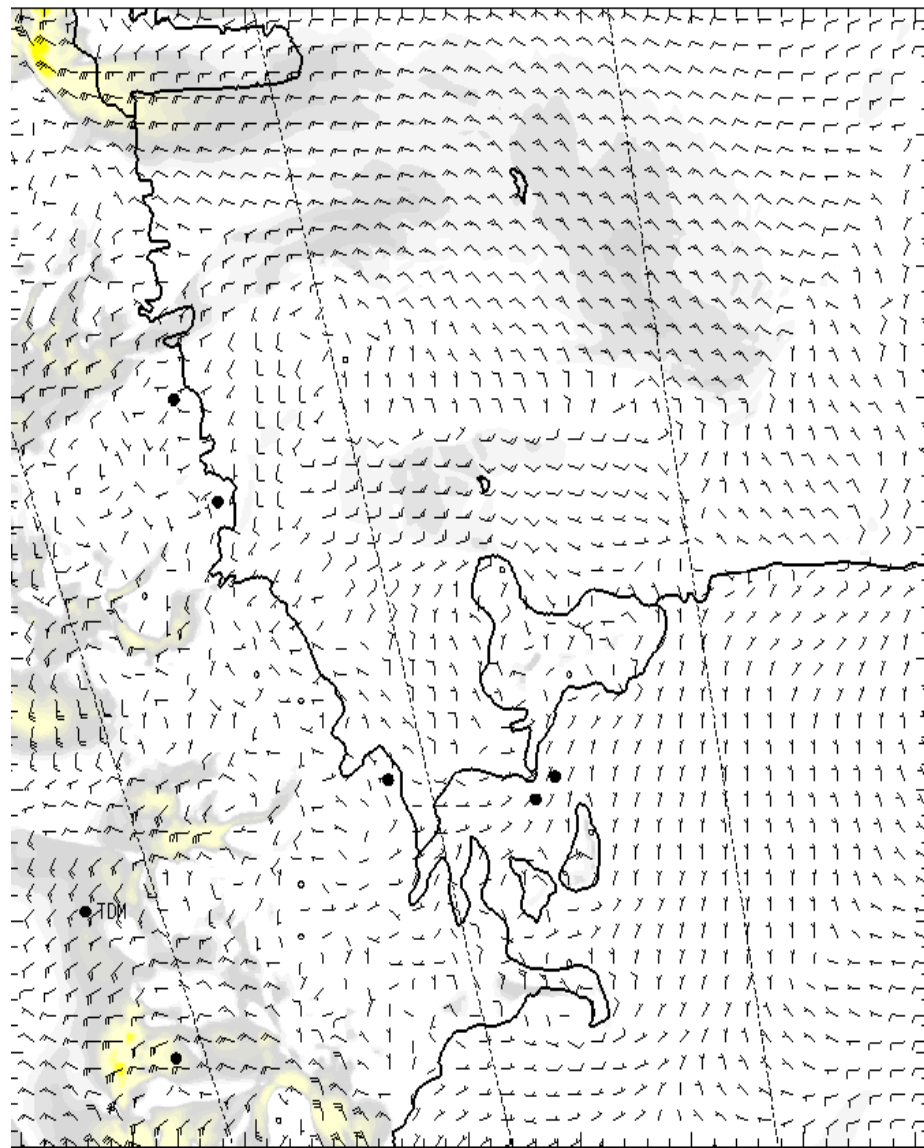
NIGHT SITE & AREA FORECASTS (VALID TIME: 14/1800L – 15/0600L)

NIL

SFC

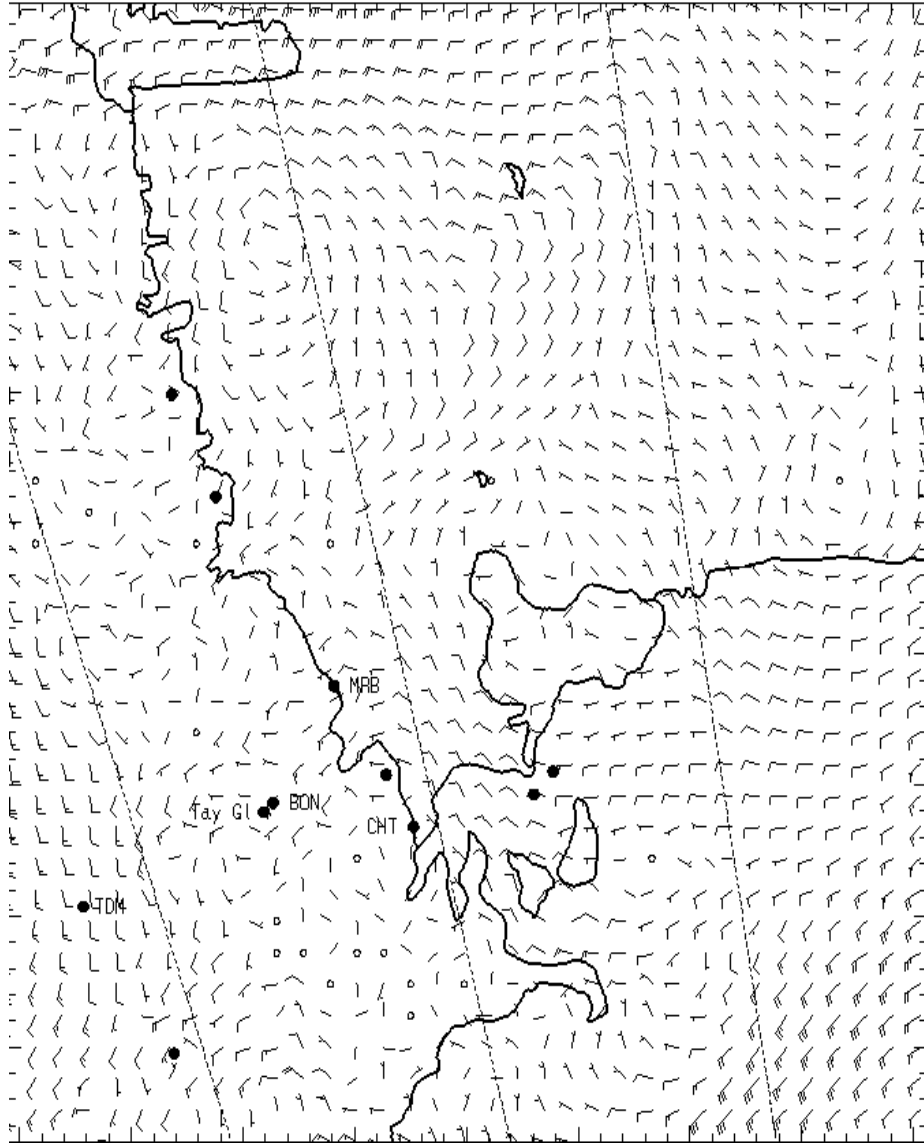


0700L

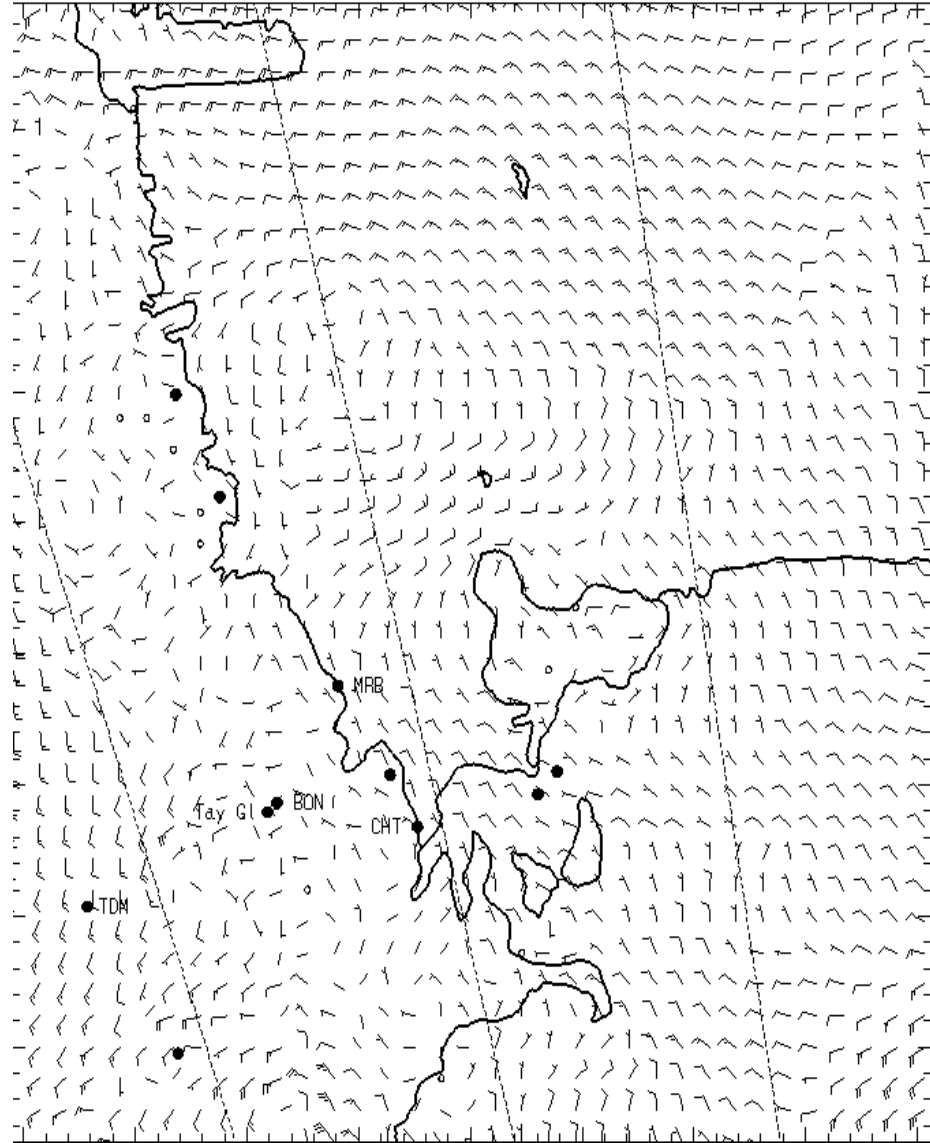


1300L

1,000 ft AGL

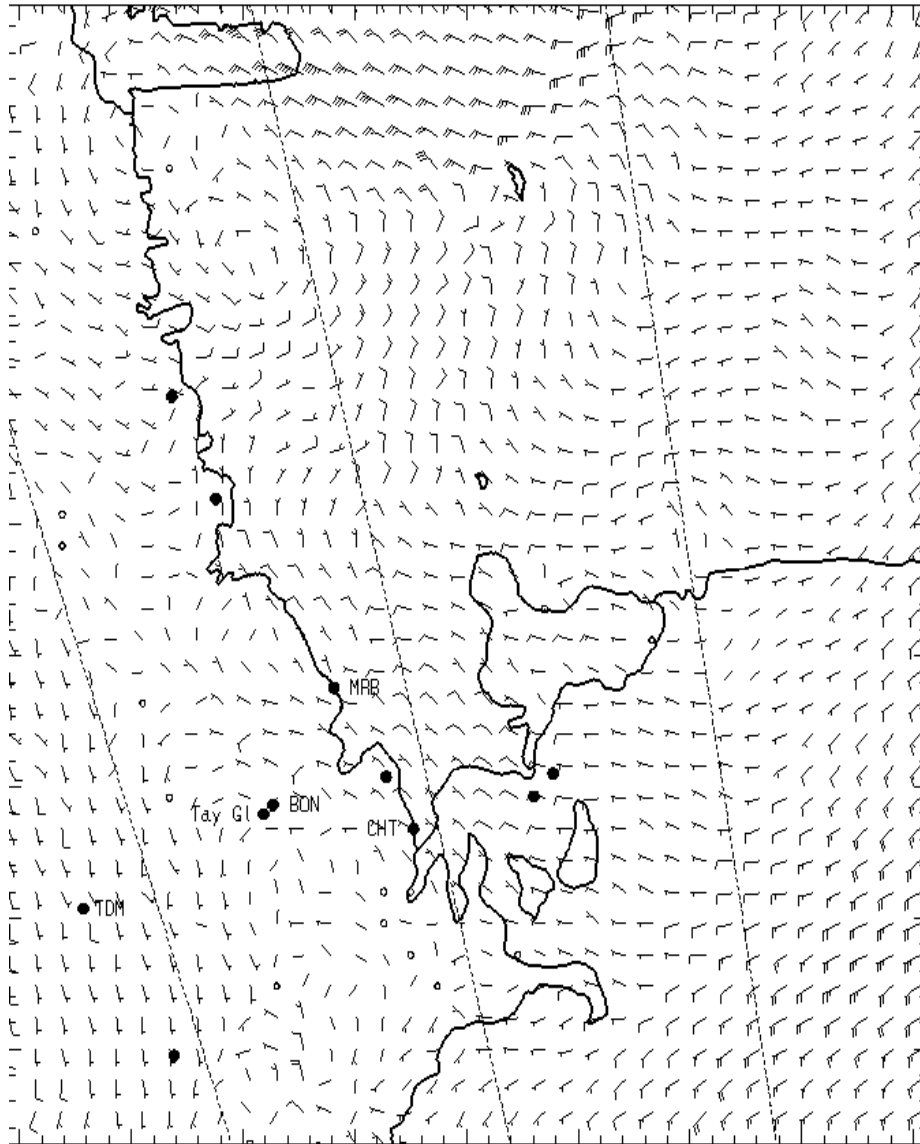


0700L

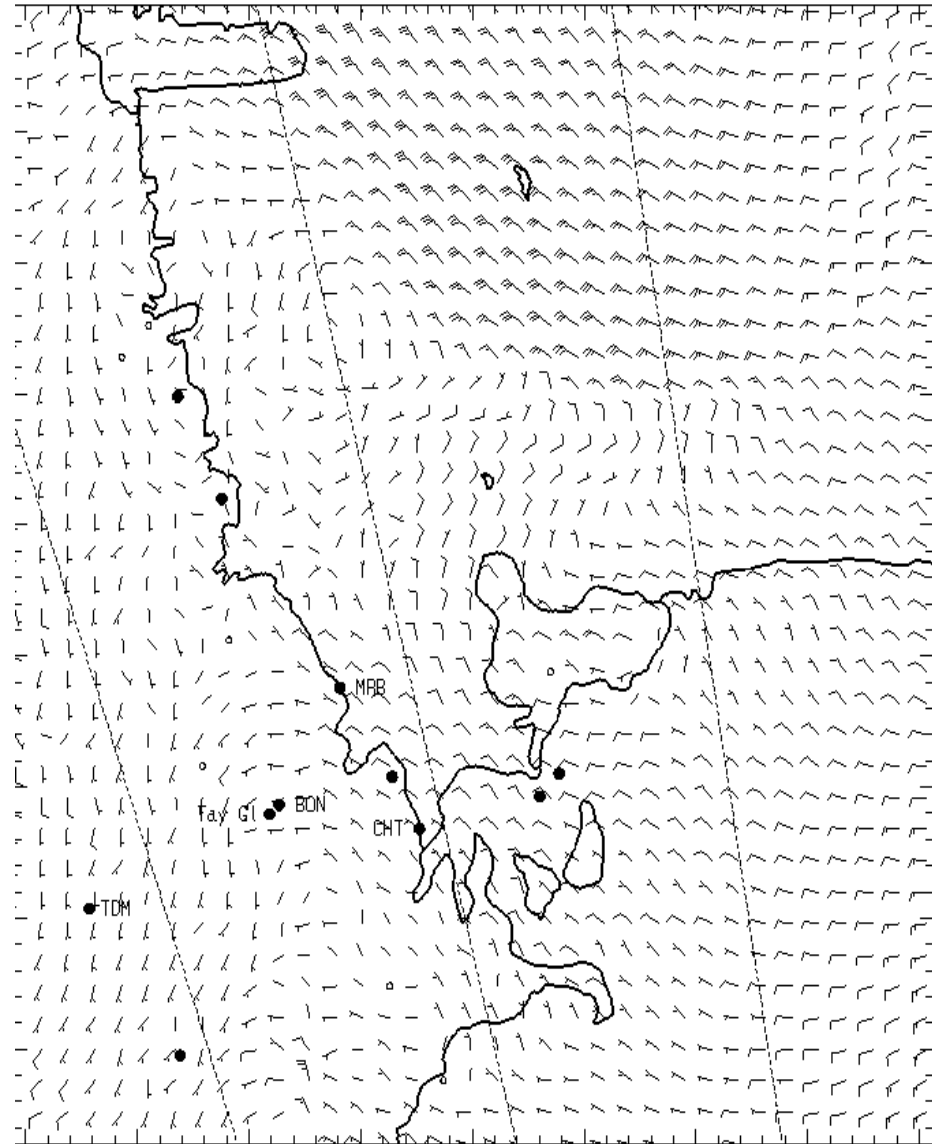


1300L

3,000 ft AGL

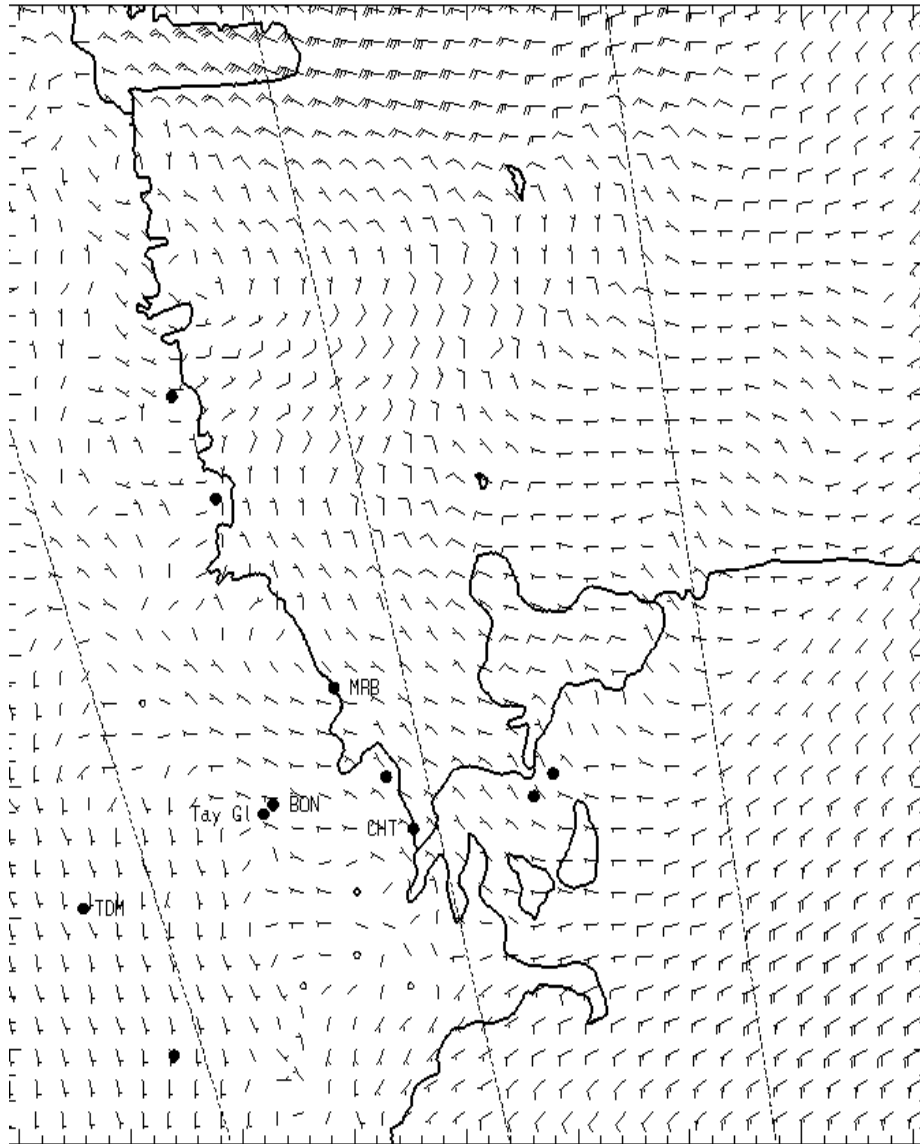


0700L

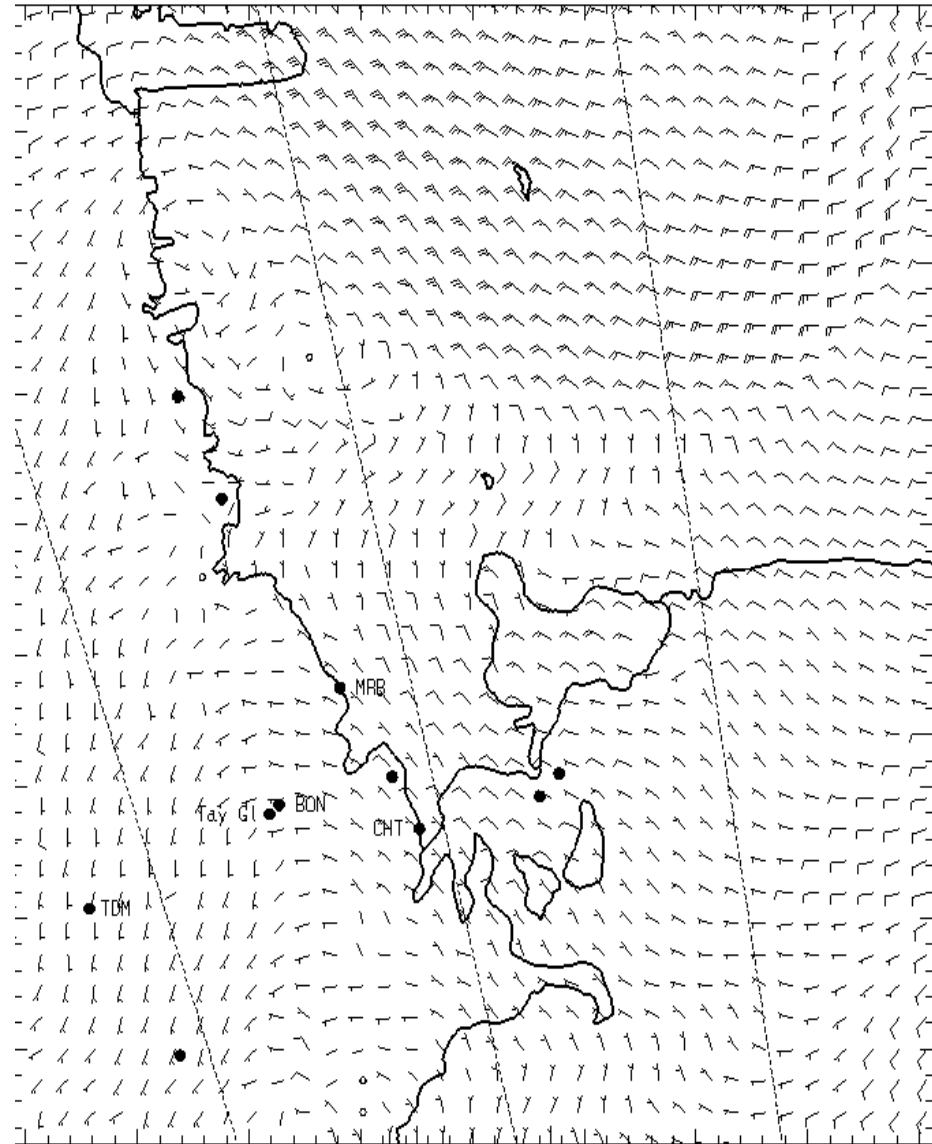


1300L

5,000 ft AGL



0700L



1300L