



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Wednesday 23 November 2022

Brief Time (L): 0615

Briefing Number: 11-20

FCSTR: John Meyer

REGIONAL SUMMARY

The overall pattern is very similar to the last few days. A ridge is moving across the Transantarctics to the north of Ross Island, and dragging a low pressure system with it. The low will emerge into the northern Ross Sea later today, but the wind flow for the Ross Island region will generally be from the west in the upper levels. Down at the surface, the westerly winds will once again impact the far side of the Dry Valley first, with Valley locations taking the brunt of the stronger winds. Meanwhile, the McMurdo airfield locations will remain fairly well protected today. High clouds will linger through the day.

HAZARDS

Light to moderate turbulence at Valley locations.

LATEST MCMURDO OBSERVATION

METAR ZCMA 221556Z AUTO 17001KT 9999 SKC M06/M10 A2924 RMK AO2 SLP904 GRID33001KT=

RUNWAY TAFS

TAF NZFX 221455Z 2215/2315 (2304/2404NZDT) VRB06KT 9999 FEW025 BKN200 QNH2925INS

TAF NZWD 221455Z 2215/2315 (2304/2404NZDT) VRB06KT 9999 FEW025 BKN200 QNH2924INS

MCMURDO HELIPAD FORECAST (VALID TIME: 23/0600L – 23/1800L)

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW025 BKN200

MIN ALSTG: 2922INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 23/0600L – 23/1800L)

MARBLE PT

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES TEMPO 3 – 5 BR 13-18L

SKY CONDITION (AGL): BKN150

MIN ALSTG: 2919INS

HAZARDS: NIL

OLYMPUS RANGE

SFC WIND (TRUE): 24025G40KT BECMG 24020KT AFT 11L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN090

MIN ALSTG: 2887INS

HAZARDS: MDT TURBC SFC-030 BECMG LGT TURBC SFC-010 AFT 11L

LAKE HOARE

SFC WIND (TRUE): 23015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN150

MIN ALSTG: 2912INS

HAZARDS: LGT TURBC SFC-050

LAKE FRYXELL

SFC WIND (TRUE): 22015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN150

MIN ALSTG: 2921INS

HAZARDS: LGT TURBC SFC-050

LAKE BONNEY

SFC WIND (TRUE): 23015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN150

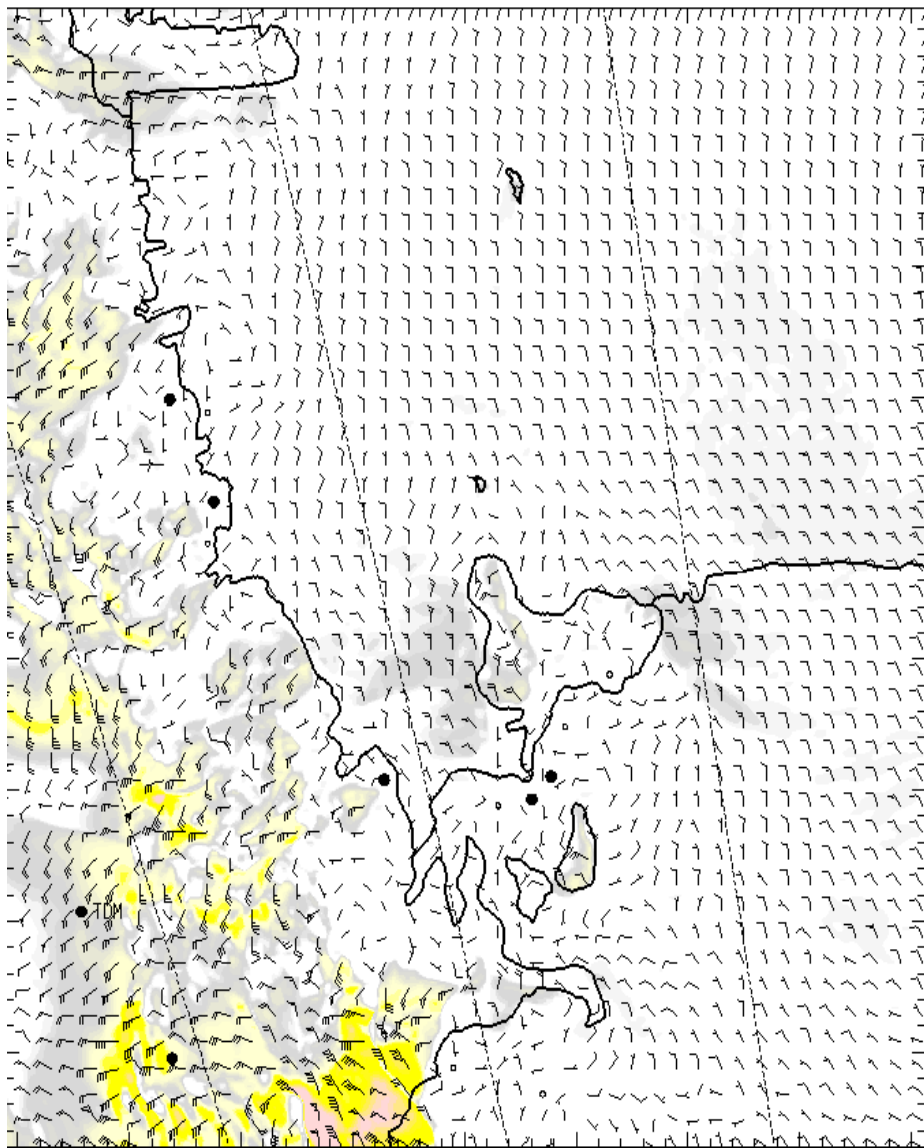
MIN ALSTG: 2914INS

HAZARDS: LGT TURBC SFC-050

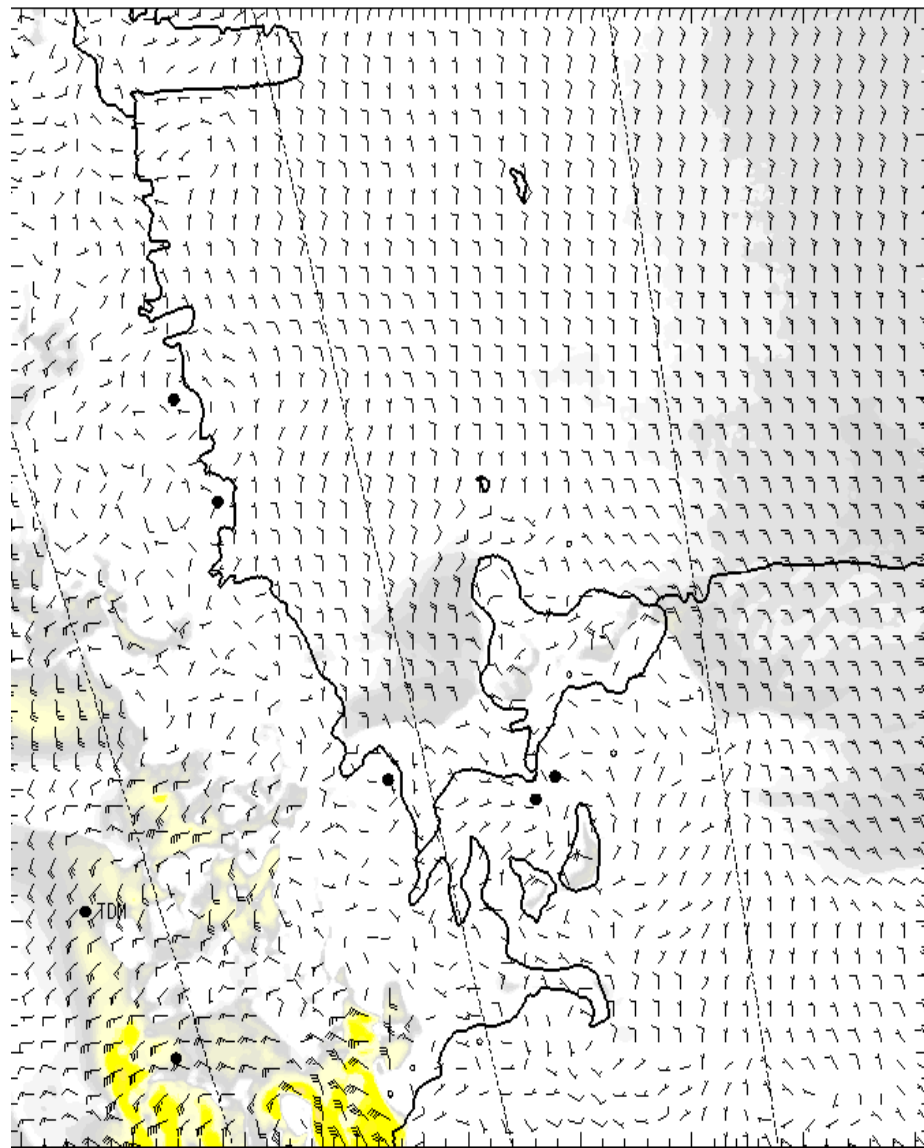
NIGHT AREA OUTLOOKS (VALID TIME: 23/1800L – 24/0600L)

NIL

SFC

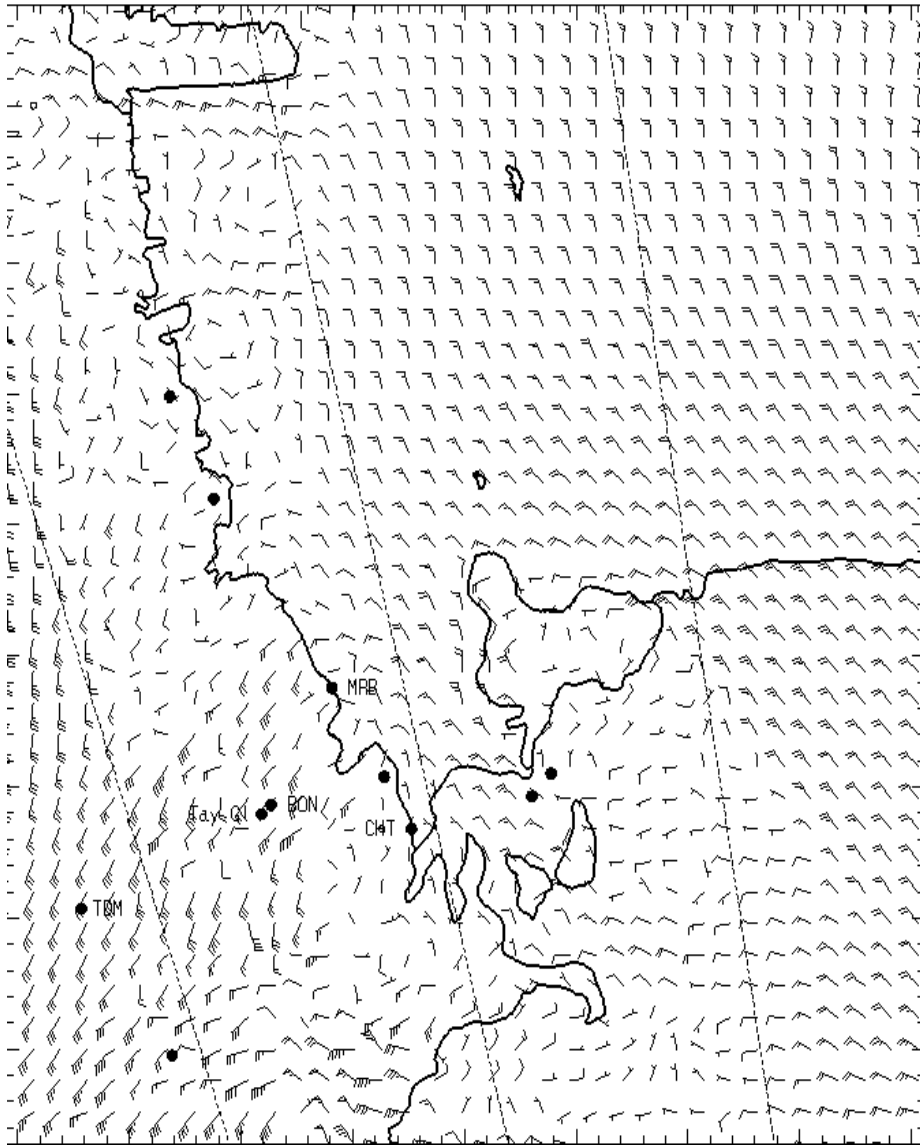


0700L

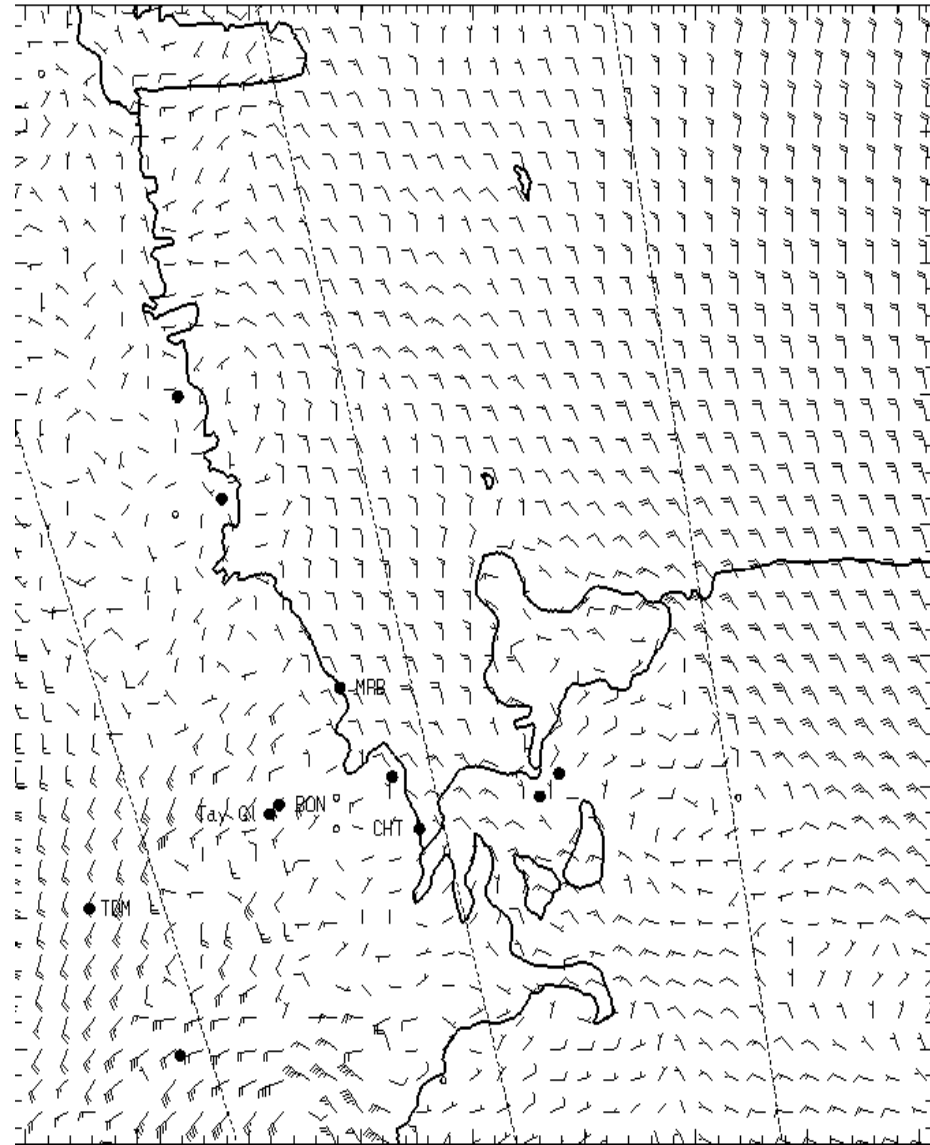


1300L

1,000 ft AGL

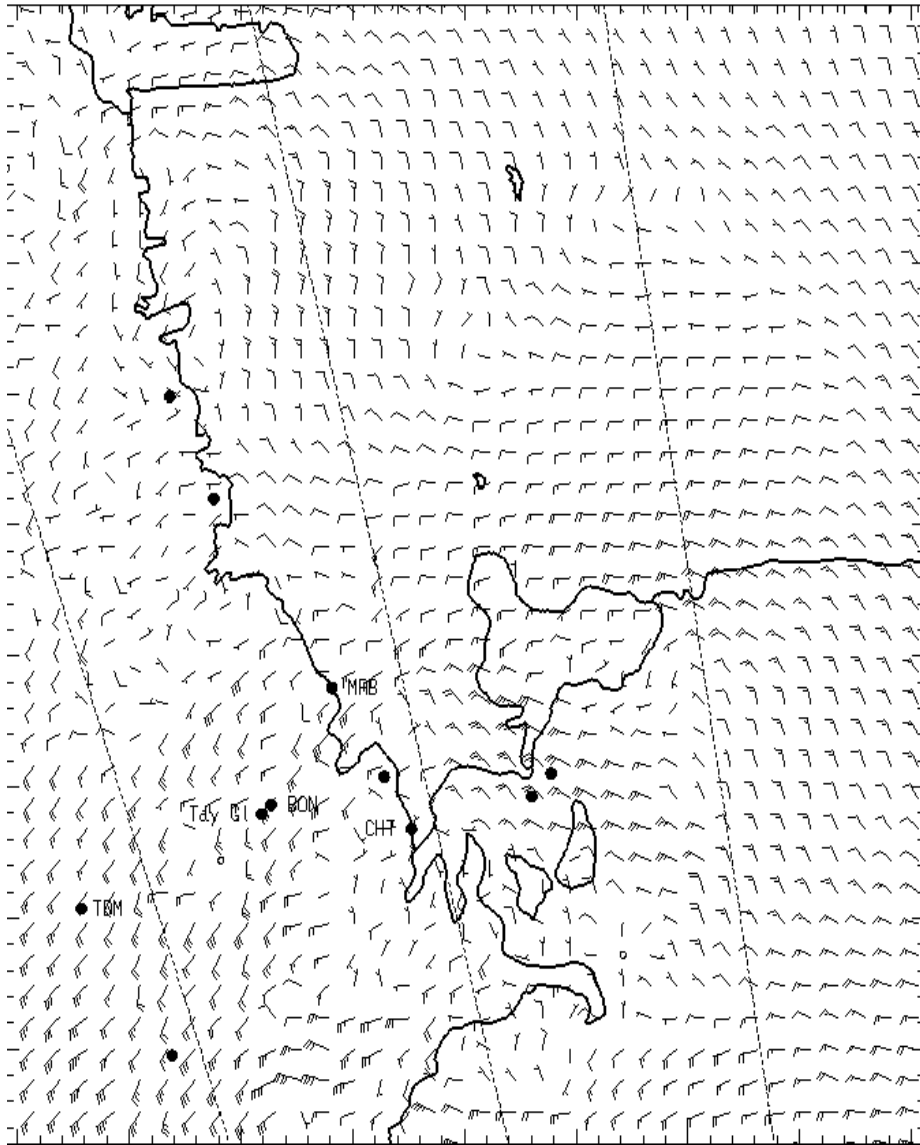


0700L

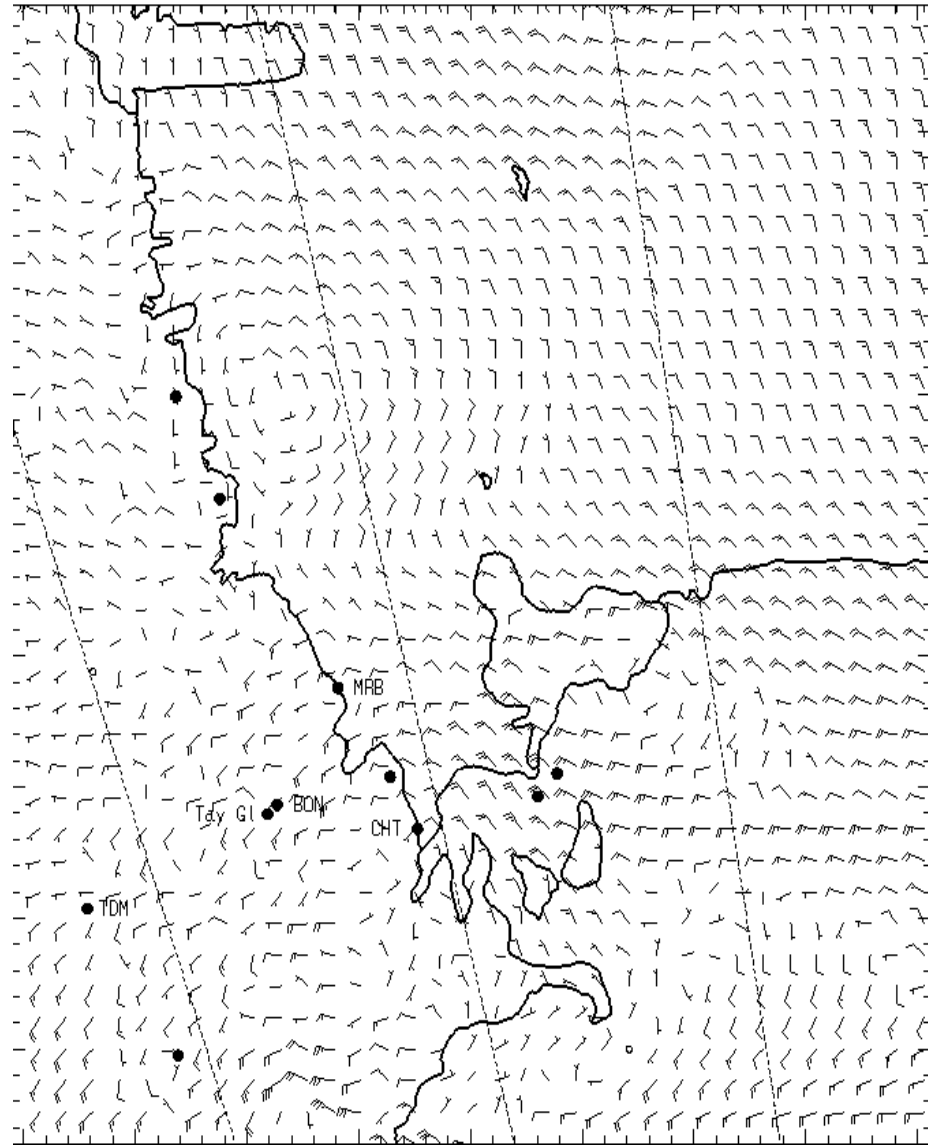


1300L

3,000 ft AGL

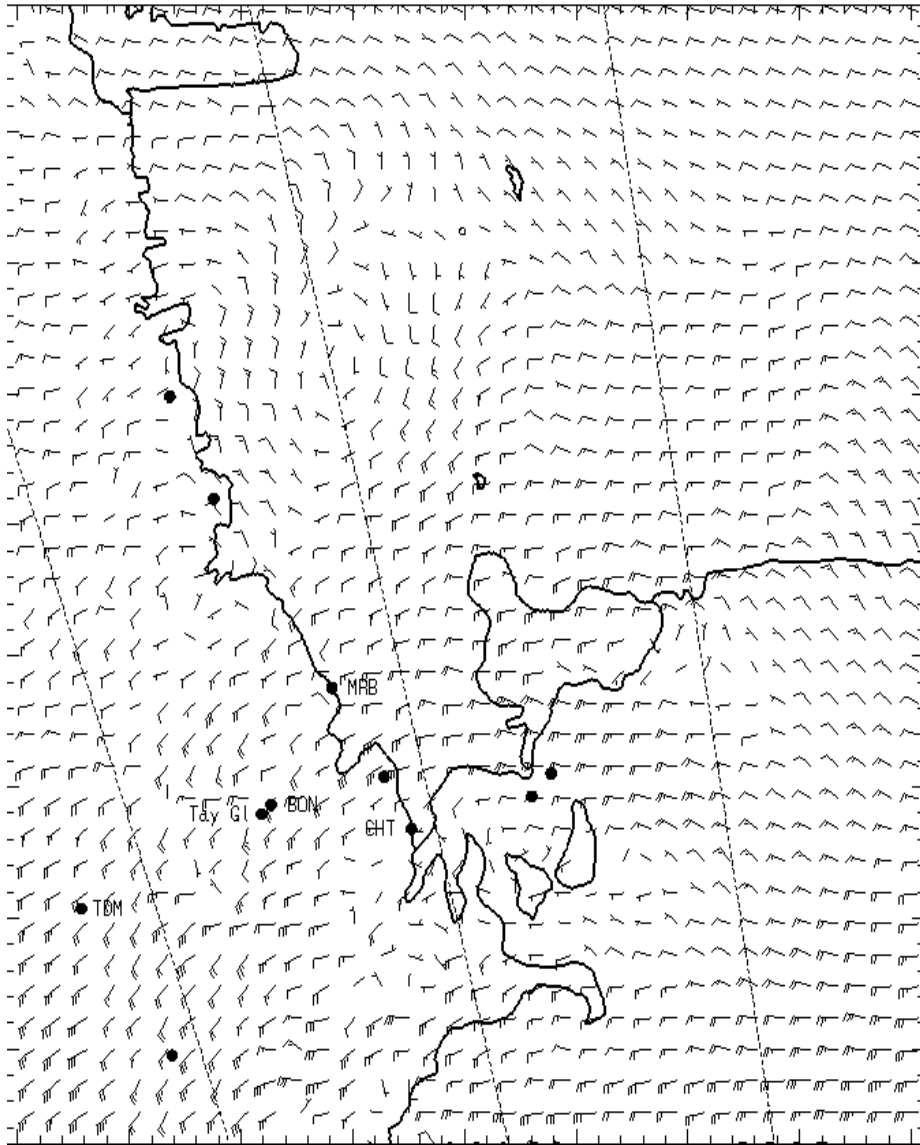


0700L

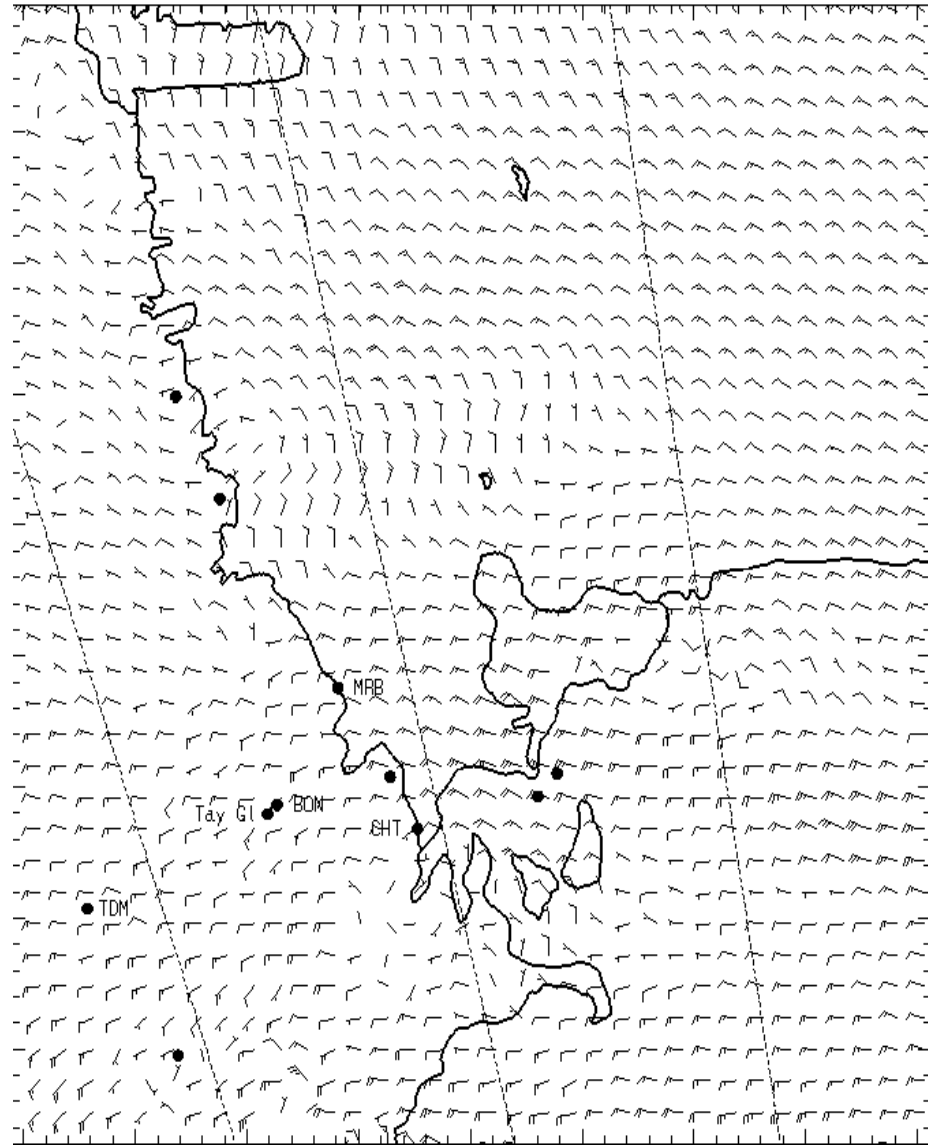


1300L

5,000 ft AGL



0700L



1300L