



HELO Weather

McMurdo Weather
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Briefing Counter: x43353

Date (L): Thursday 4 February 2021

Brief Time (L): 0615

Briefing Number: 02-04

FCSTR: John Meyer

REGIONAL SUMMARY

Low pressure is once again moving in over the Ross Island region, pushing its way north up the Transantarctics. While surface flow is mostly light and variable, the low's circulation is drawing in clouds from the north, spreading snow across the entire region. Due to the fairly light winds, even aloft, the Valleys are also not being spared of the snow and mist as they otherwise might be. Although the model shows a slight improving trend later today, the current observations and satellite paint a worse picture than the model had for this morning, so confidence in that improvement is low.

HAZARDS

Light to moderate rime icing at all locations in low-level clouds and precipitation below.

LATEST MCMURDO OBSERVATION

METAR ZCMA 031625Z AUTO 17014KT 140V200 1600 -SN BR BKN027 OVC038 M10/M12 A2901 RMK AO1 SLP828 GRID34014KT 310V010=

RUNWAY TAFS

TAF AMD NZFX 031615Z 0316/0415 (0405/0504NZDT) 06007KT 6000 -SN BR BKN020 OVC040 620205 QNH2903INS GRID23007KT
TEMPO 0316/0321 (0405/0410) 1200 -SN BR BKN015 OVC025 620156
BECMG 0320/0322 (0409/0411) 13010G18KT 2400 -SN BR BLSN BKN015 OVC025 620156 QNH2901INS GRID30010G18KT
BECMG 0322/0324 (0411/0413) 05010KT 9999 -SN FEW020 BKN040 OVC060 620404 QNH2899INS GRID22010KT
BECMG 0401/0403 (0414/0416) 05010KT 9999 NSW FEW020 SCT040 BKN070 QNH2894INS GRID22010KT AMD 031615

MCMURDO HELIPAD FORECAST (VALID TIME: 4/0600L – 4/1800L)

SFC WIND (TRUE): 16015G25KT
SFC VISIBILITY (SM): 1/2 – 2 -SN BR BECMG 4 – 6 -SN BR AFT 11L
SKY CONDITION (AGL): OVC015 BECMG BKN030 BKN050 AFT 11L
MIN ALSTG: 2891INS
HAZARDS: LGT-MDT ICG SFC-080 BECMG LGT ICG 030-080 AFT 11L

SITE & AREA FORECASTS (VALID TIME: 4/0600L – 4/1800L)

BLACK ISLAND

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): 1/4 – 1/2 SN FG BECMG 2 – 4 -SN BR AFT 11L
SKY CONDITION (AGL): OVC000 BECMG BKN030 BKN050 AFT 11L
MIN ALSTG: 2893INS
HAZARDS: MDT ICG SFC-070 BECMG LGT ICG 030-070 AFT 11L

MT NEWALL

SFC WIND (TRUE): VRB04KT
SFC VISIBILITY (SM): 1/4 – 1/2 SN FG
SKY CONDITION (AGL): BKN000 OVC010
MIN ALSTG: 2850INS
HAZARDS: MDT ICG SFC-040

BULL PASS EAST

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 1/4 – 1/2 SN FG

SKY CONDITION (AGL): BKN000 OVC010

MIN ALSTG: 2862INS

HAZARDS: MDT ICG SFC-040

WRIGHT RIDGE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 1/4 – 1/2 SN FG

SKY CONDITION (AGL): BKN000 OVC010

MIN ALSTG: 2858INS

HAZARDS: MDT ICG SFC-040

BULL PASS BORE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 1/4 – 1/2 SN FG

SKY CONDITION (AGL): BKN000 OVC010

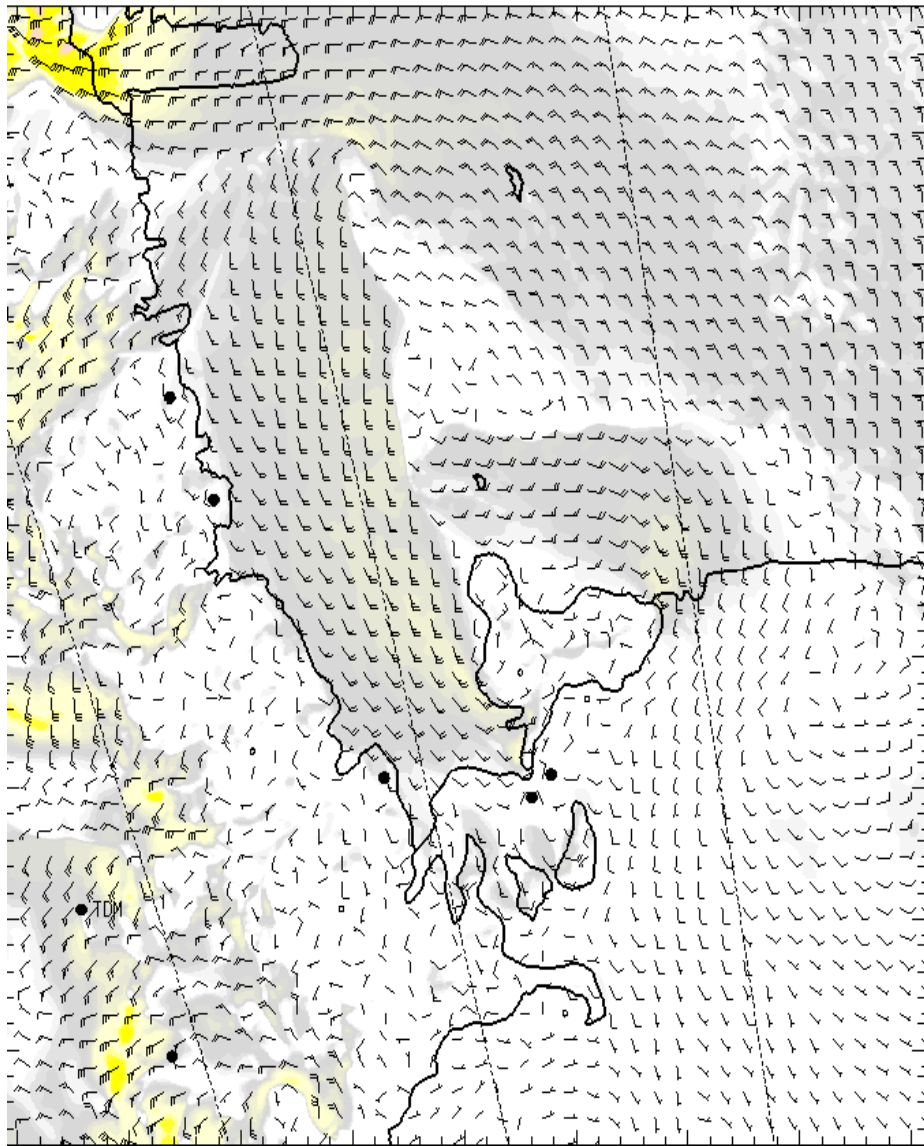
MIN ALSTG: 2881INS

HAZARDS: MDT ICG SFC-040

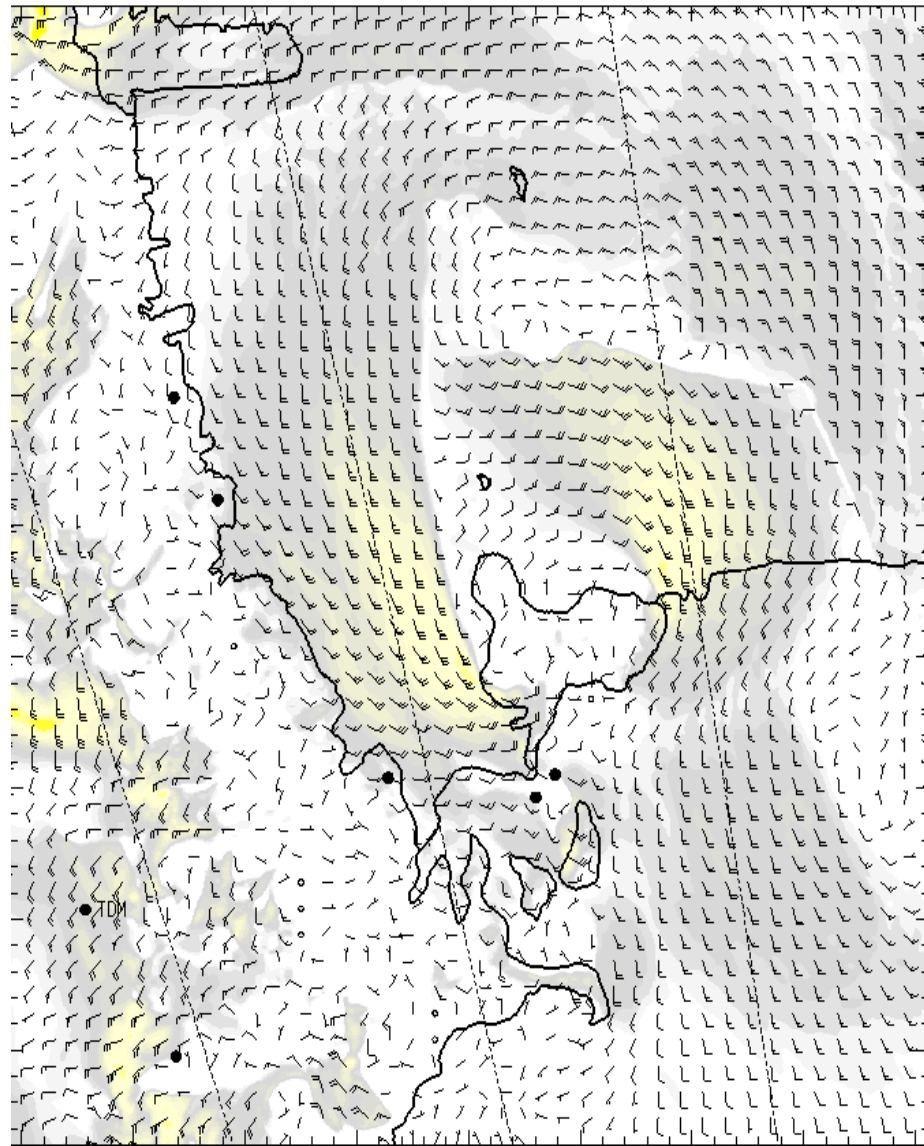
NIGHT AREA OUTLOOKS (VALID TIME: 4/1800L – 5/0600L)

NIL

SFC

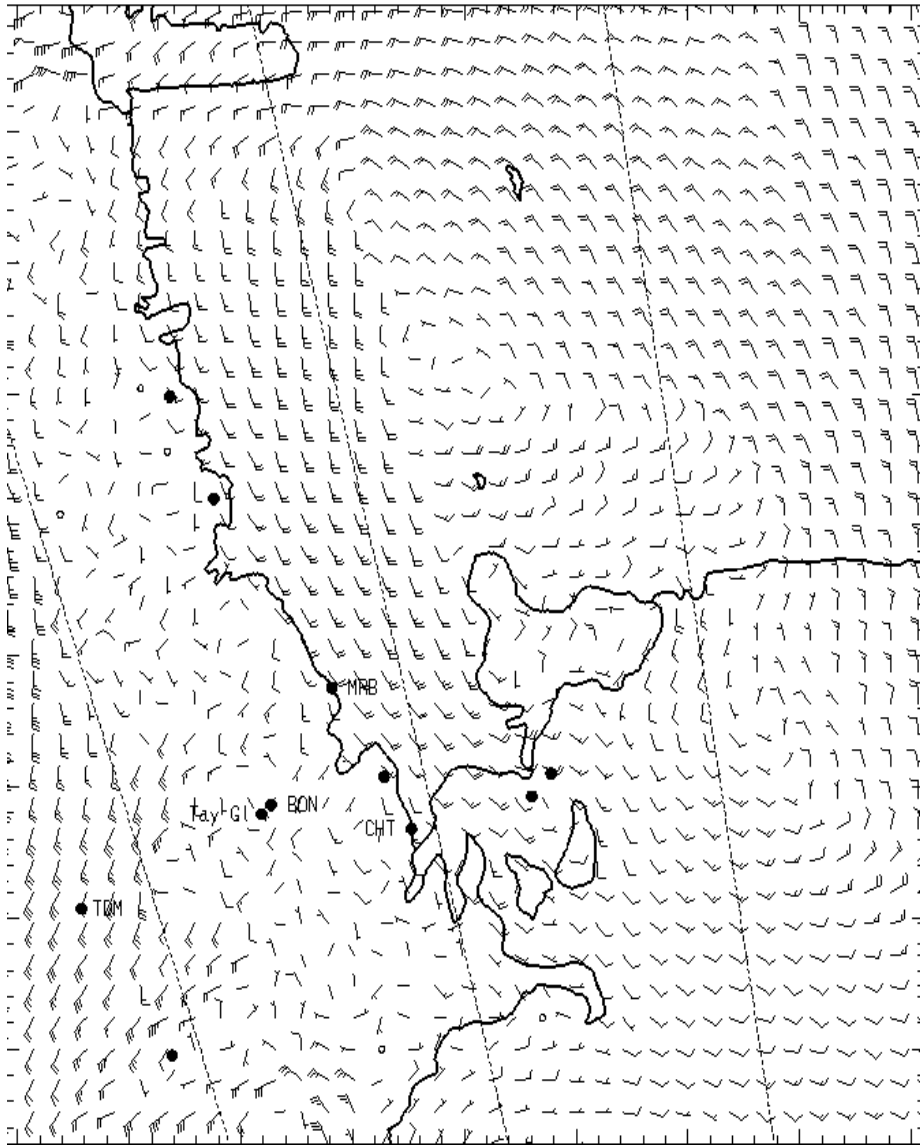


0700L

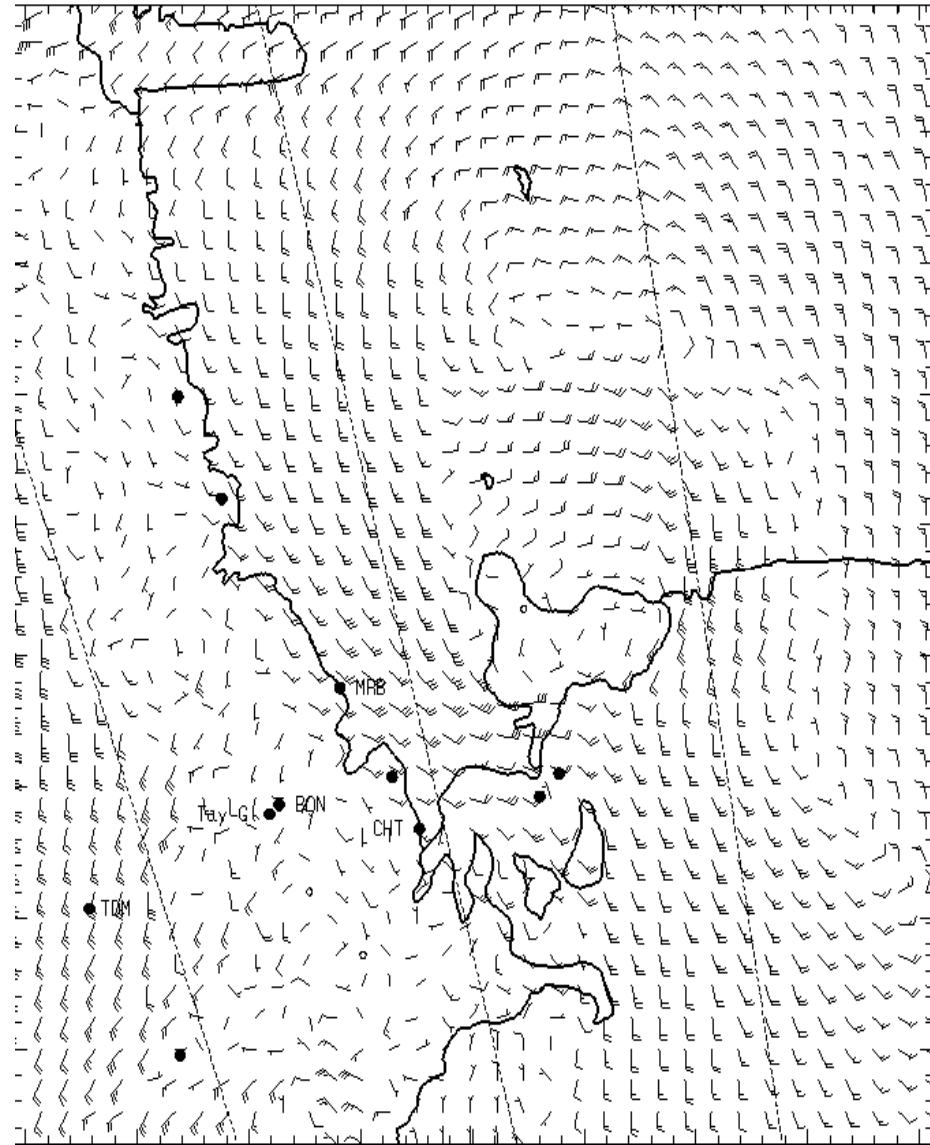


1300L

1,000 ft AGL

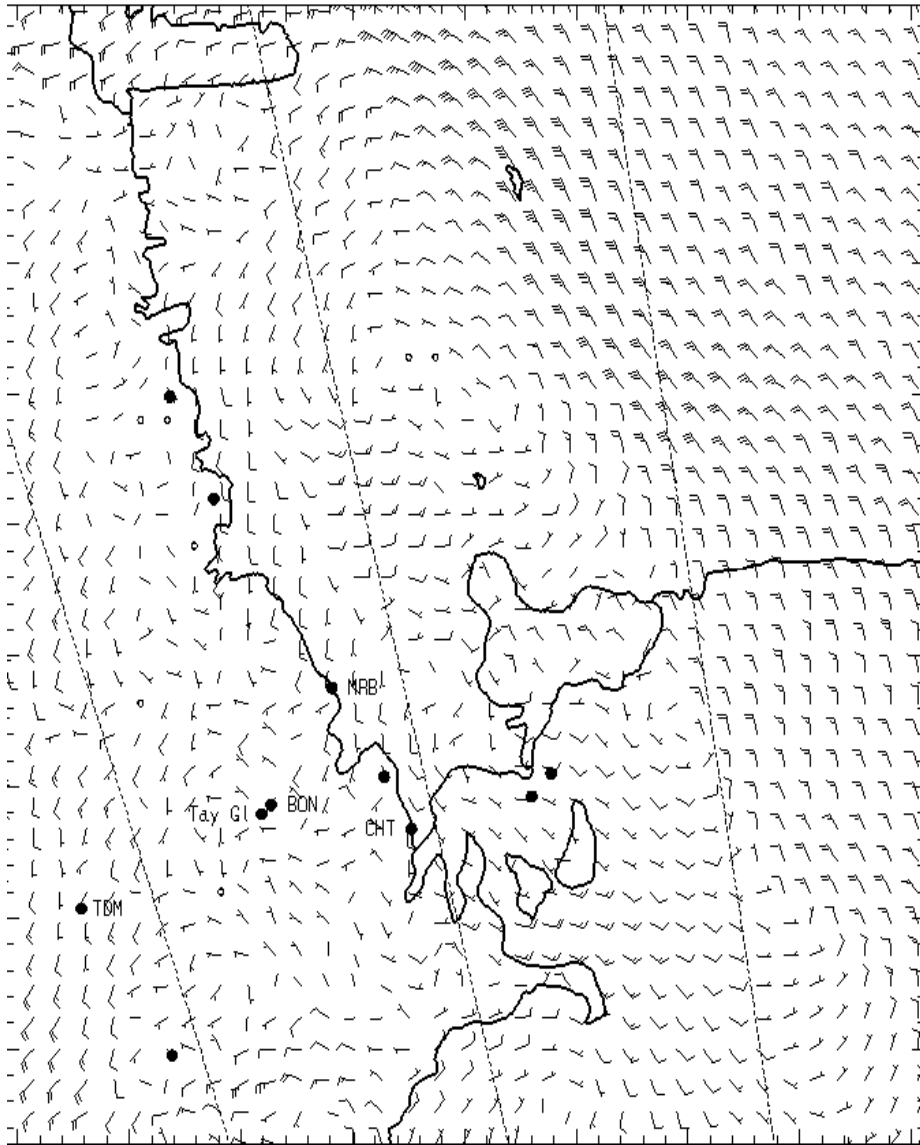


0700L

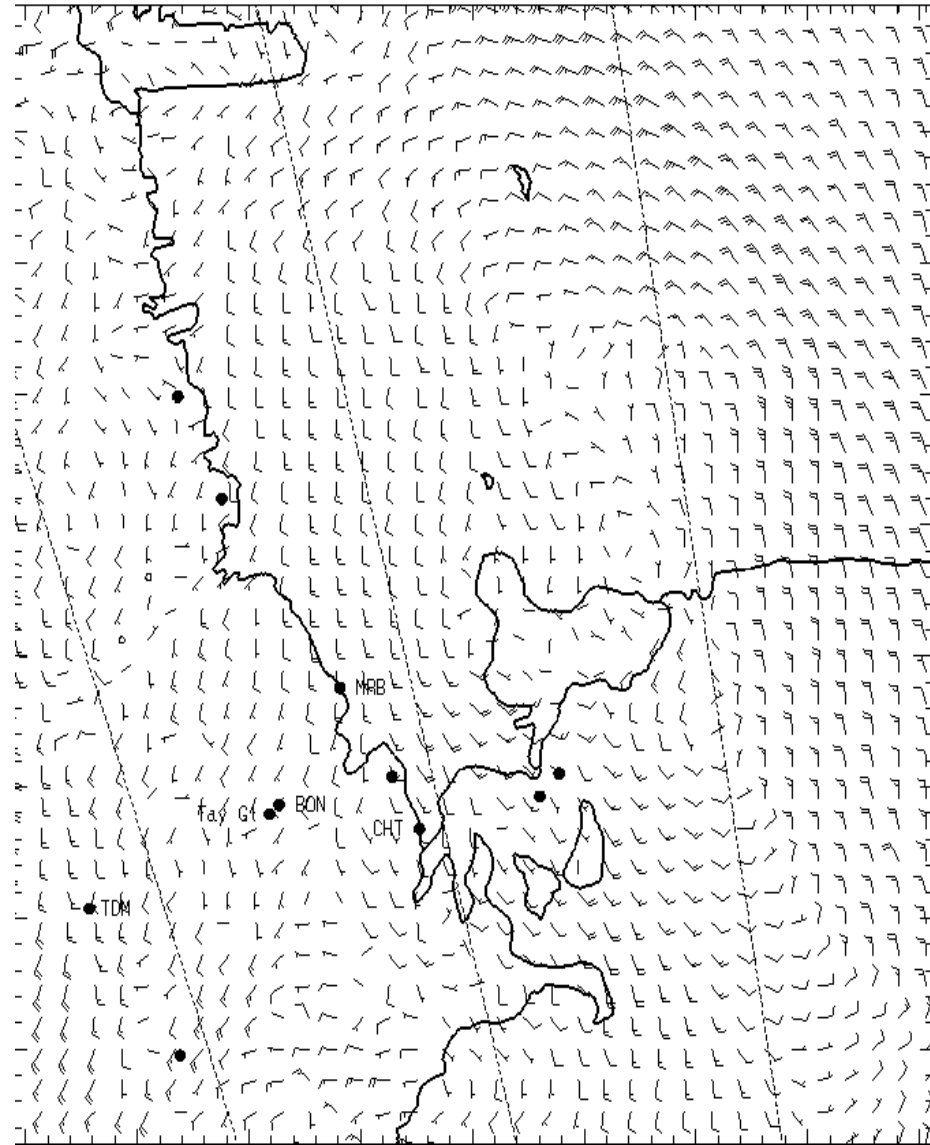


1300L

3,000 ft AGL

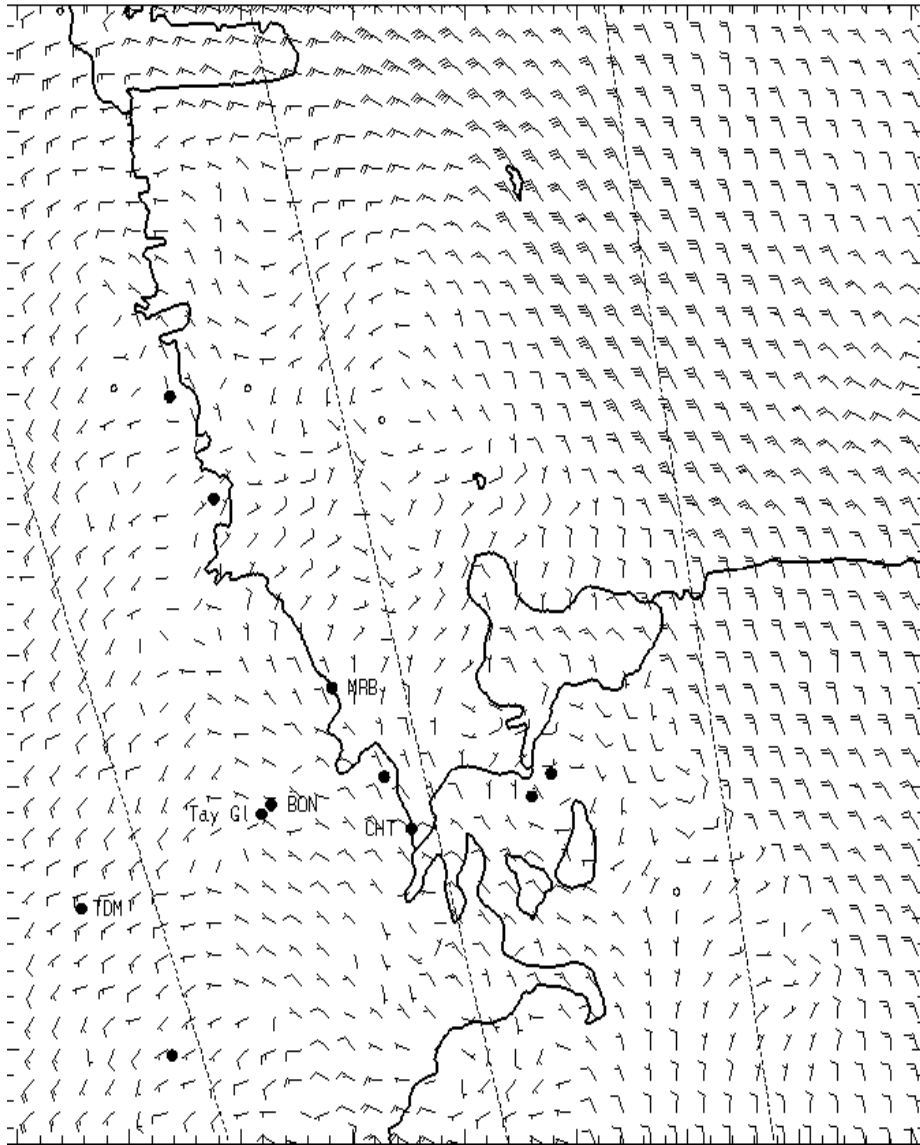


0700L

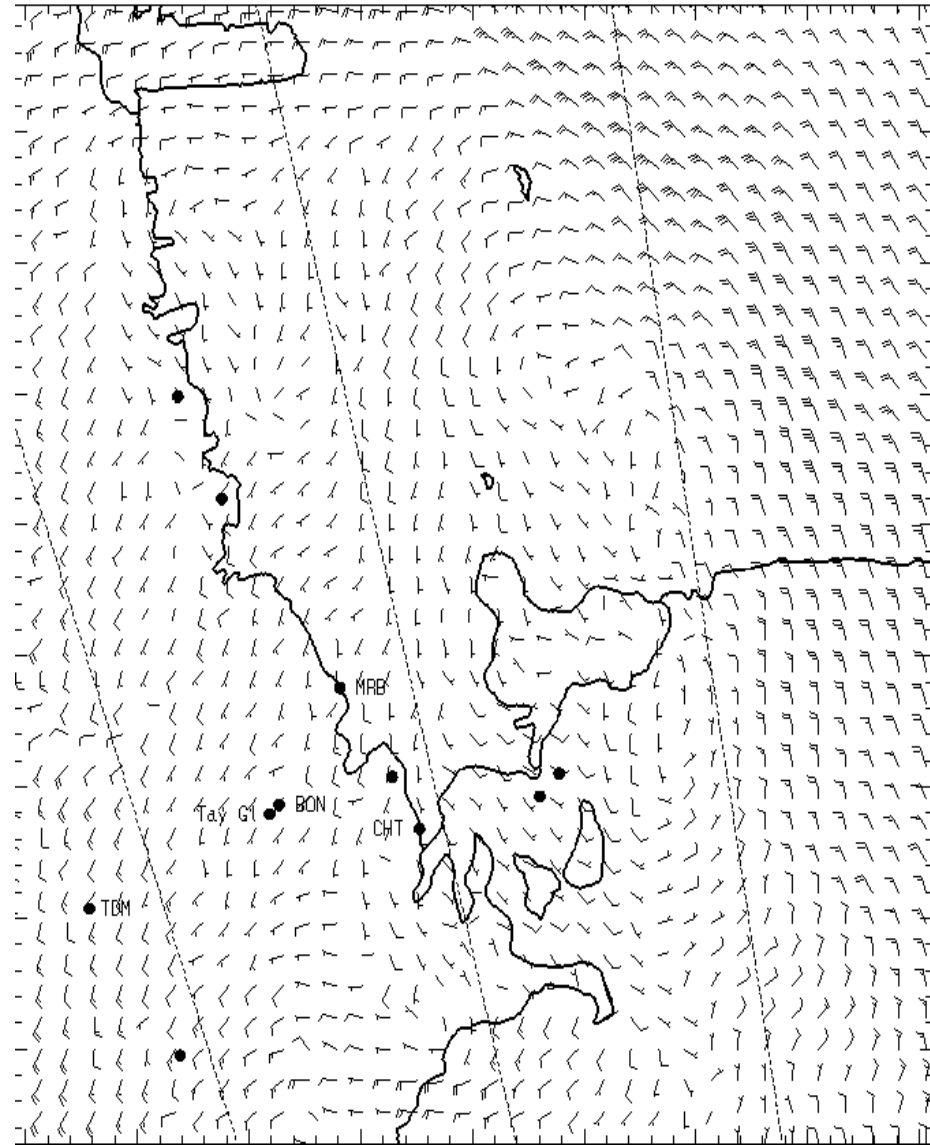


1300L

5,000 ft AGL



0700L



1300L