



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Monday 21 November 2022

Brief Time (L): 0615

Briefing Number: 11-18

FCSTR: John Meyer

REGIONAL SUMMARY

A stream of winds from the west will set the stage today to begin shaking things up later tonight. Conditions in McMurdo Sound and at the airfields will remain fairly calm at the surface, but winds just above the surface will be a bit stronger at times – especially around terrain features. Further west in the Valley locations, which are closer to the source of these westerly winds, conditions will be a bit gustier all the way down to the surface as these wind currents funnel through the Valleys. Across the region, clouds will continue to move in and lower a bit through the day. Overnight tonight, a low pressure system will emerge to the north of Ross Island, worsening conditions into tomorrow.

HAZARDS

Light turbulence in the lower levels at all locations due to speed shear.

LATEST MCMURDO OBSERVATION

METAR ZCMA 201550Z AUTO VRB05KT 9999 SKC M05/M20 A2923 RMK AO2 SLP903=

RUNWAY TAFS

TAF NZFX 201456Z 2015/2115 (2104/2204NZDT) VRB06KT 9999 FEW100 BKN210 QNH2910INS
BECMG 2023/2101 (2112/2114) 08010KT 9999 FEW020 BKN100 OVC150 QNH2902INS GRID25010KT

TAF NZWD 201456Z 2015/2115 (2104/2204NZDT) VRB06KT 9999 FEW100 BKN210 QNH2916INS
BECMG 2101/2103 (2114/2116) 09010KT 9999 FEW020 BKN100 OVC150 QNH2902INS GRID26010KT

MCMURDO HELIPAD FORECAST (VALID TIME: 21/0600L – 21/1800L)

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW100 BKN200 BECMG FEW020 BKN100 AFT 14L
MIN ALSTG: 2903INS
HAZARDS: LGT TURBC SFC-040

SITE & AREA FORECASTS (VALID TIME: 21/0600L – 21/1800L)

MARBLE PT

SFC WIND (TRUE): 27015KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW100 BKN200 BECMG FEW020 BKN100 AFT 11L
MIN ALSTG: 2903INS
HAZARDS: LGT TURBC SFC-040

LAKE FRYXELL

SFC WIND (TRUE): 24015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW100 BKN200 BECMG FEW020 BKN100 AFT 13L

MIN ALSTG: 2904INS

HAZARDS: LGT TURBC SFC-040

LAKE BONNEY

SFC WIND (TRUE): 24015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW100 BKN200 BECMG FEW020 BKN100 AFT 13L

MIN ALSTG: 2898INS

HAZARDS: LGT TURBC SFC-040

LAKE HOARE

SFC WIND (TRUE): 24015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW100 BKN200 BECMG FEW020 BKN100 AFT 13L

MIN ALSTG: 2898INS

HAZARDS: LGT TURBC SFC-040

BLACK ISLAND

SFC WIND (TRUE): 04010G20KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW080 BKN180 BECMG FEW010 BKN080 AFT 14L

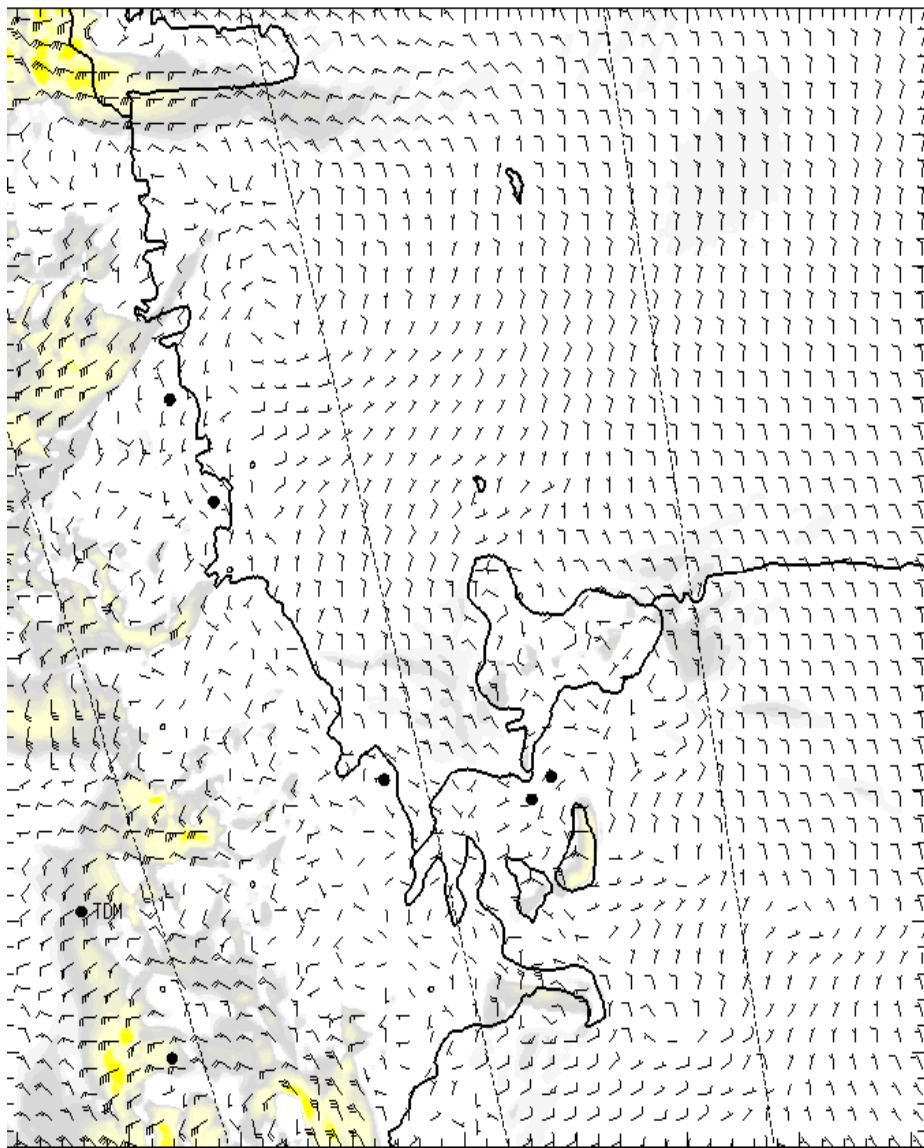
MIN ALSTG: 2901INS

HAZARDS: LGT TURBC SFC-030

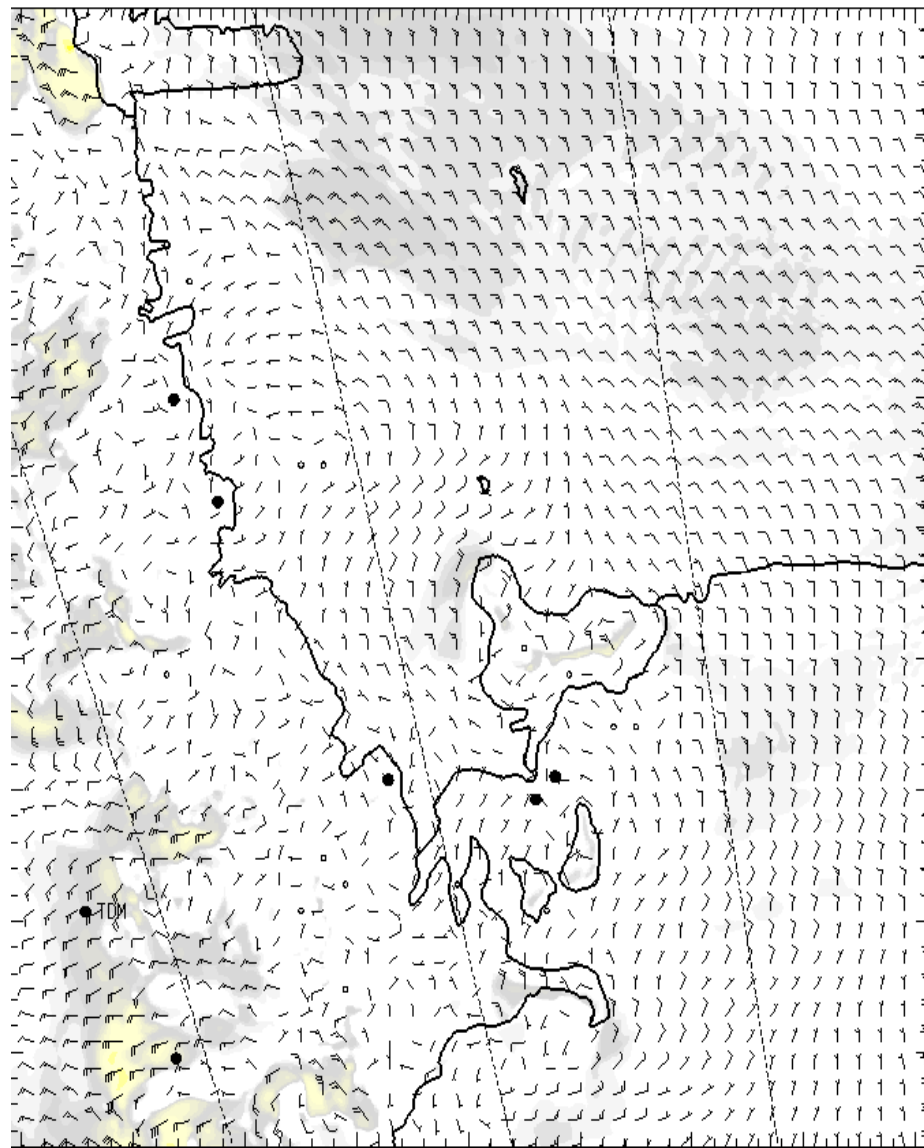
NIGHT AREA OUTLOOKS (VALID TIME: 21/1800L – 22/0600L)

NIL

SFC

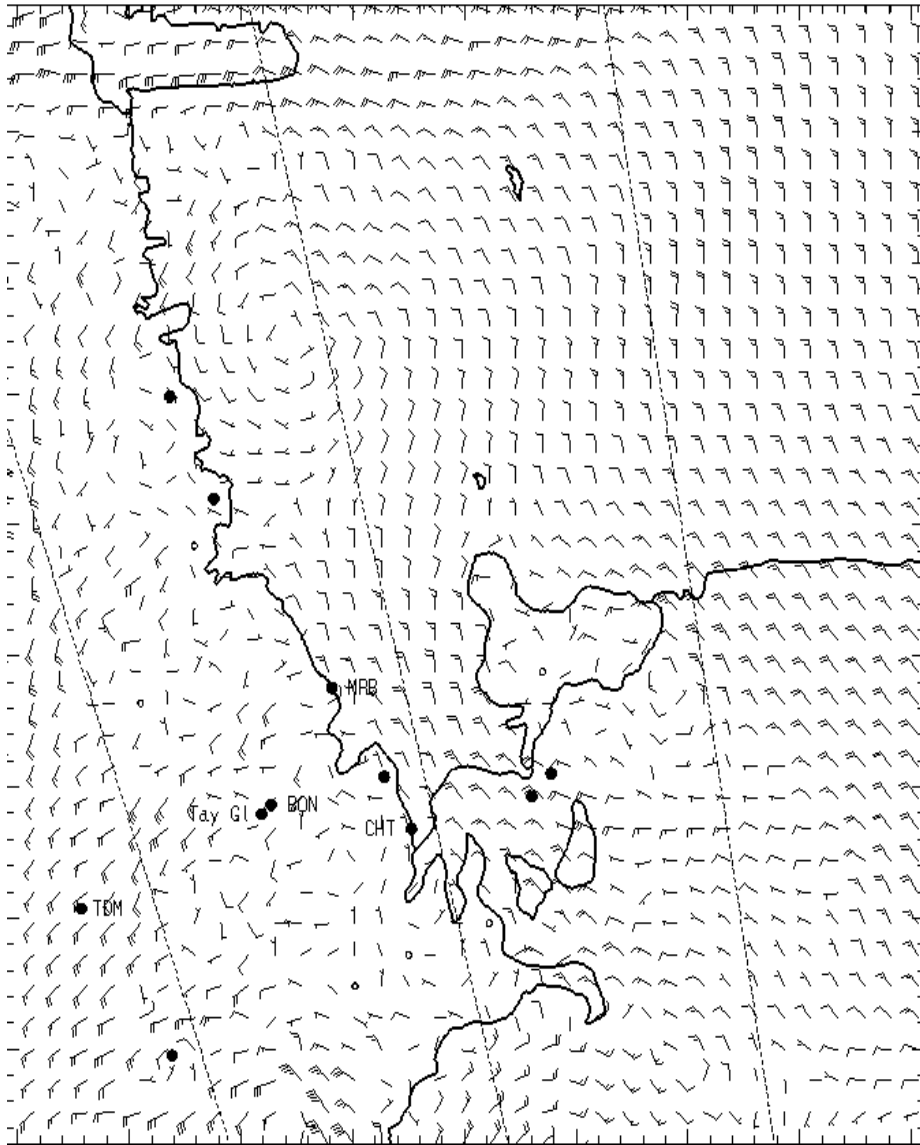


0700L

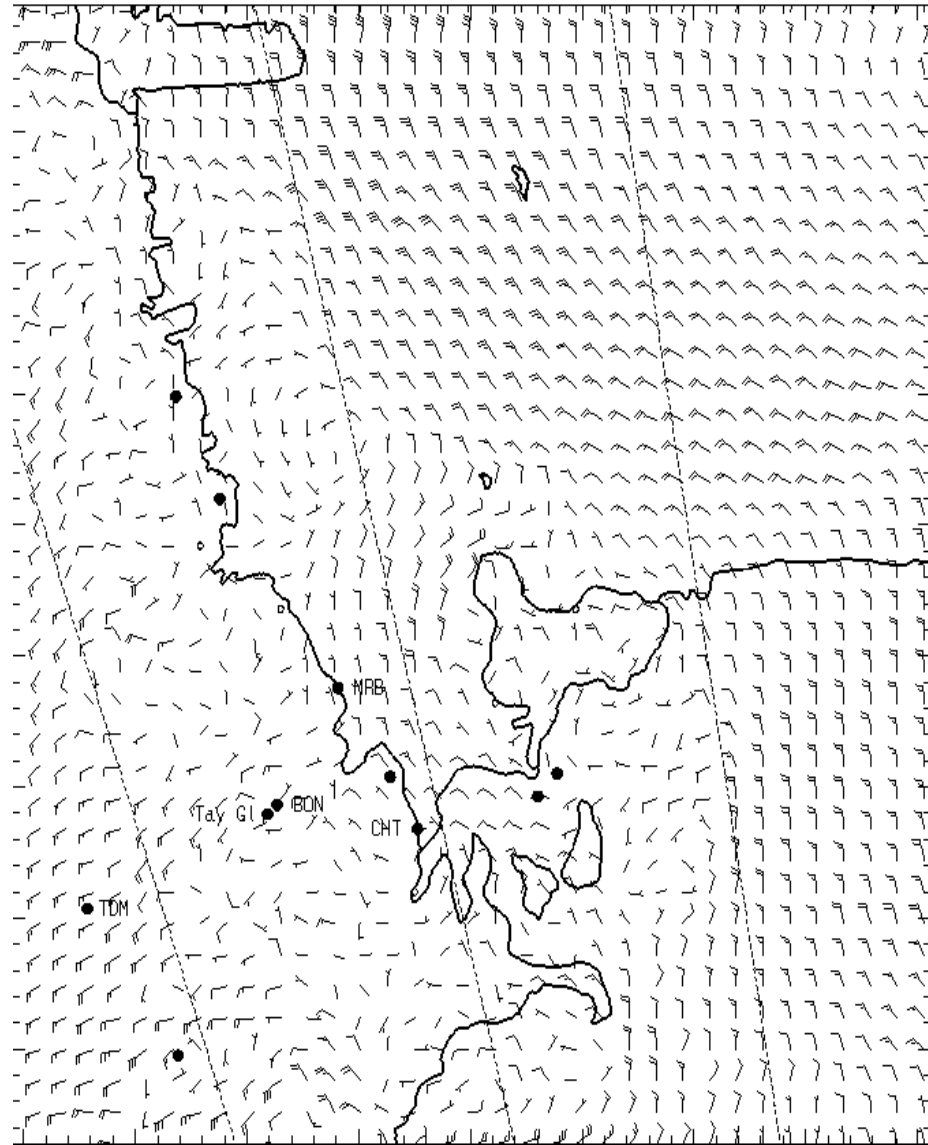


1300L

1,000 ft AGL

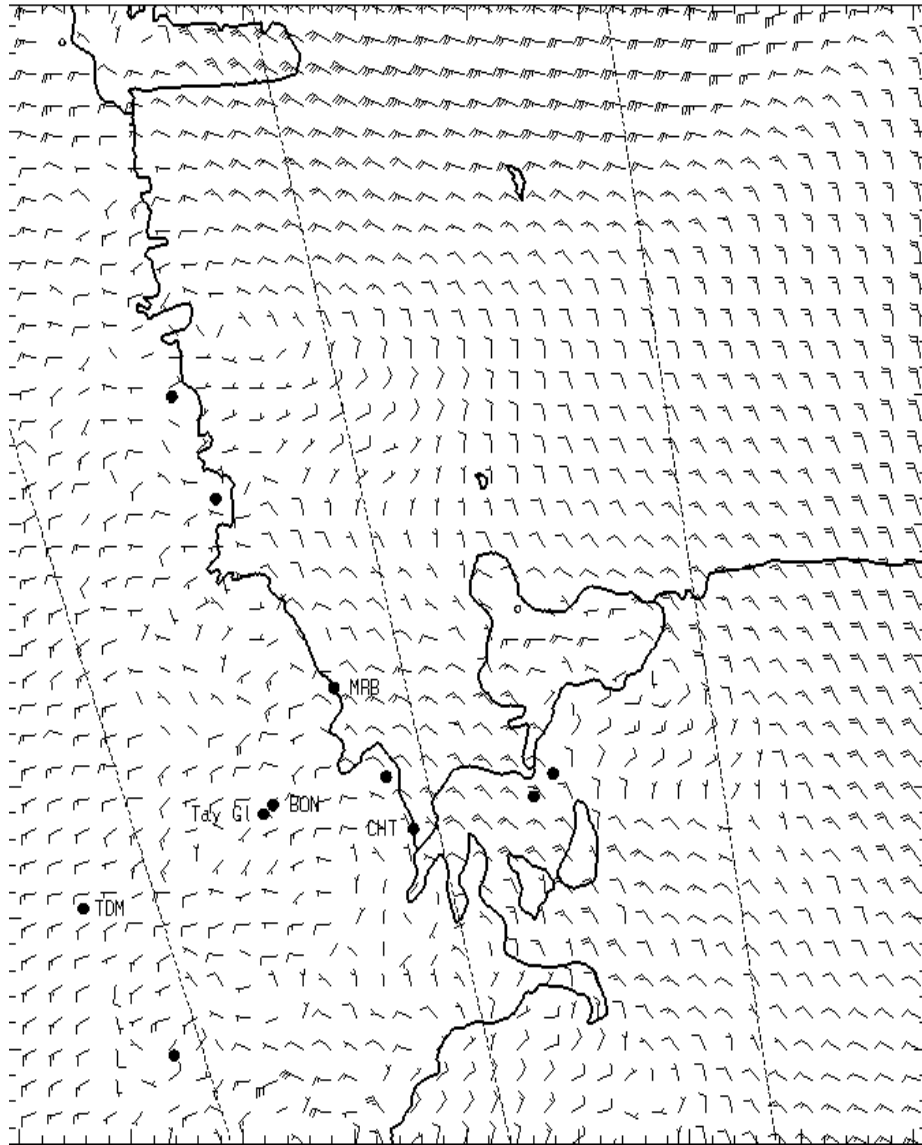


0700L

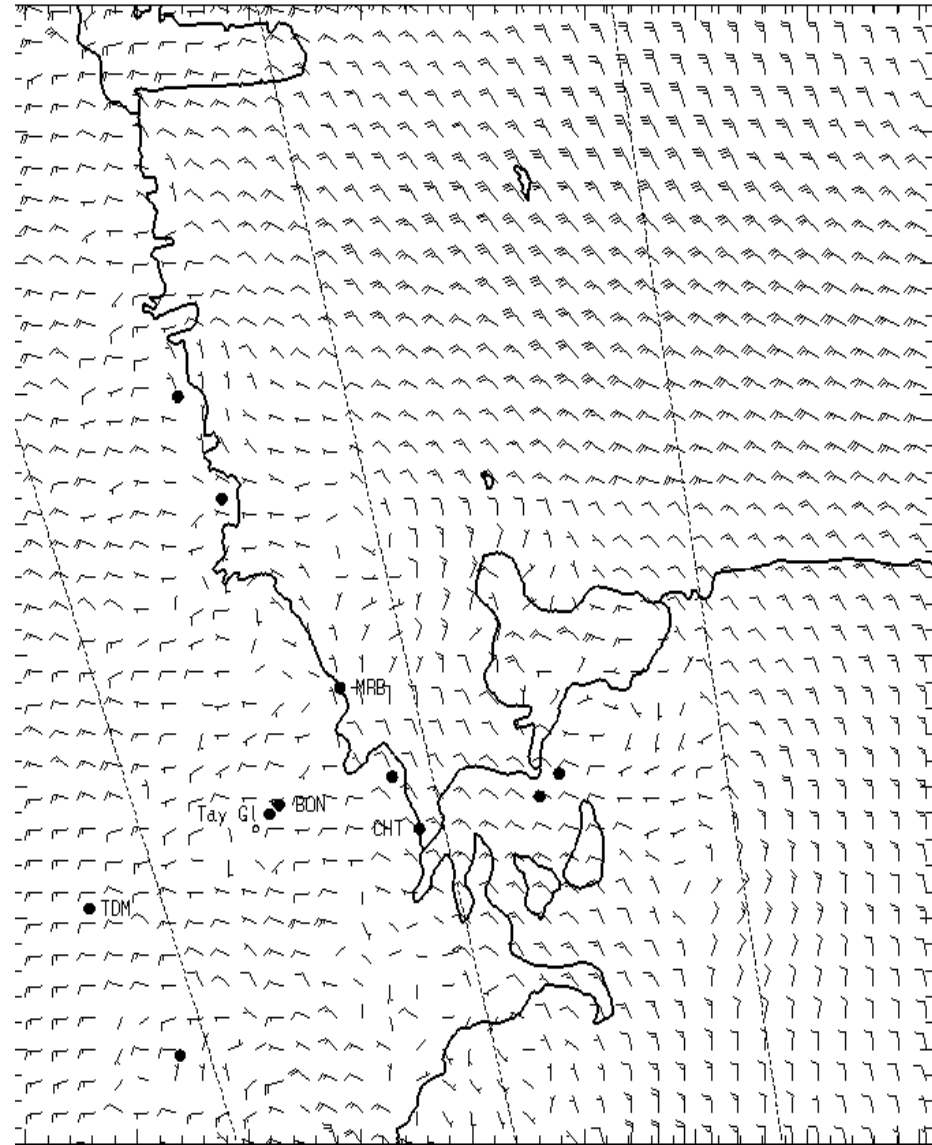


1300L

3,000 ft AGL

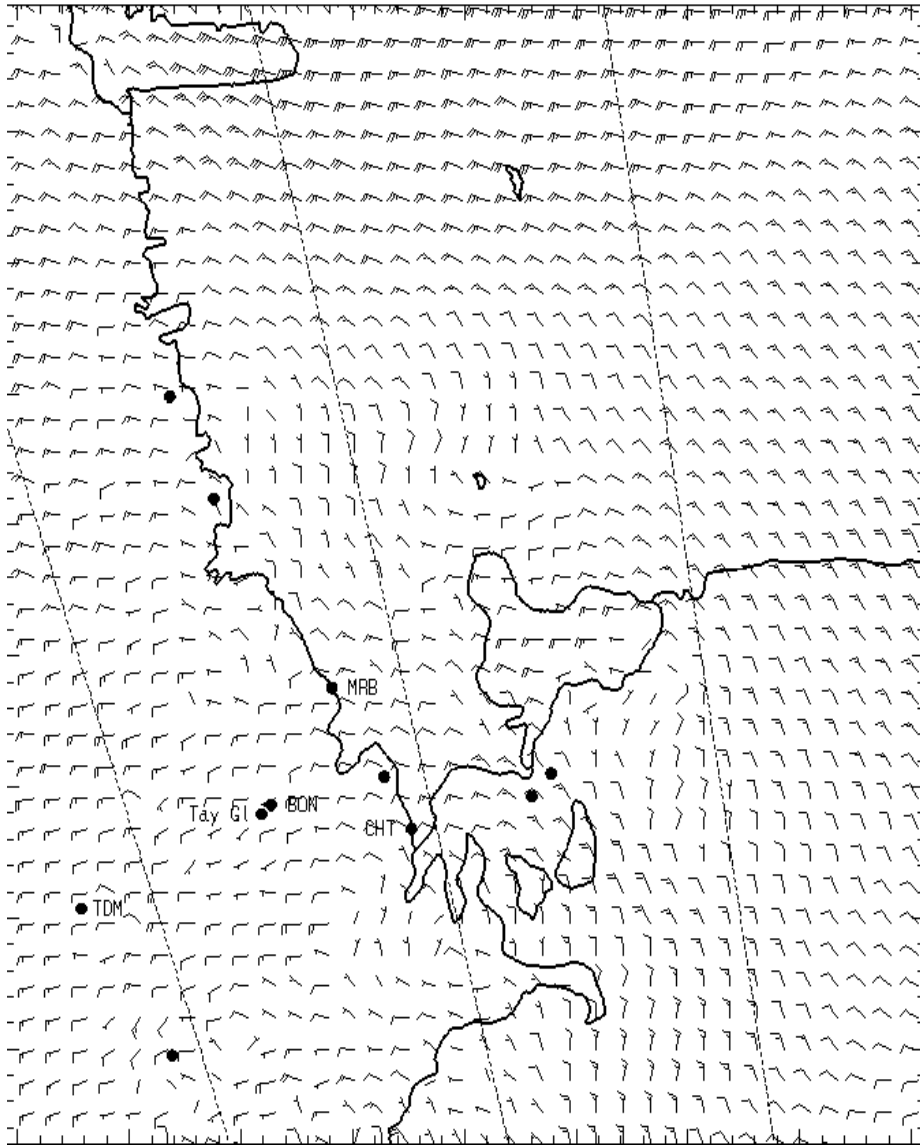


0700L

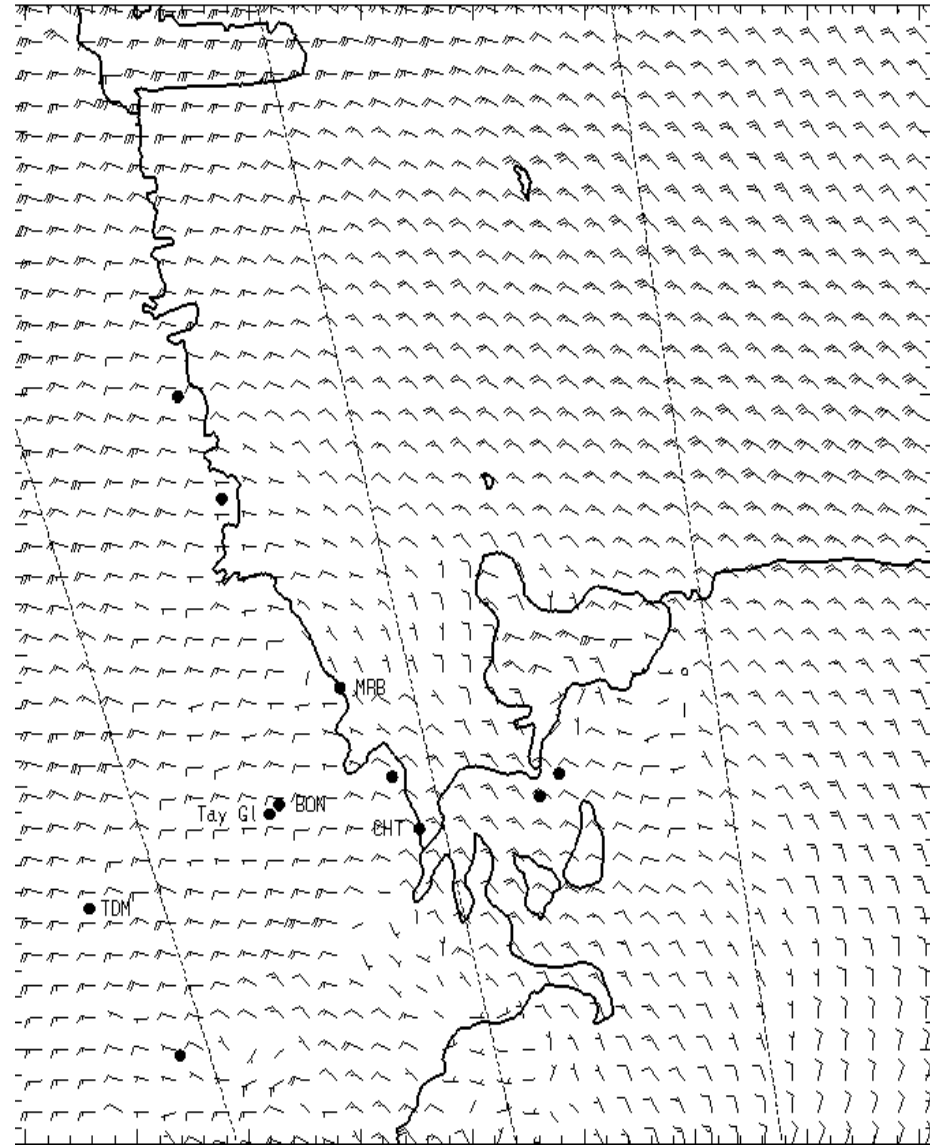


1300L

5,000 ft AGL



0700L



1300L