



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Thursday 31 December 2020

Brief Time (L): 0615

Briefing Number: 12-22

FCSTR: John Meyer

REGIONAL SUMMARY

Developing low pressure south of Minna Bluff is spinning up a fair amount of fog on the western Ross Ice Shelf, including in the Windless Bight and over the airfields this morning. As another more potent low moves into the Ross Sea and these two systems merge, low-level moisture will continue to feed into the Ross Island area. Winds will also increase around midday, with turbulence becoming a factor. Clouds will be in and out through the day, with an overall, slow increase in coverage.

HAZARDS

Light turbulence in the lower levels as the winds pick up after midday.

LATEST MCMURDO OBSERVATION

METAR ZCMA 301642Z AUTO 19008KT 9999 SKC M04/M07 A2860 RMK AO1 SLP687 GRID36008KT=

RUNWAY TAFS

TAF NZFX 301500Z 3015/3115 (3104/0104NZDT) 04006KT 0400 FZFG FEW020 QNH2859INS GRID21006KT
TEMPO 3015/3019 (3104/3108) 1600 BR
BECMG 3019/3021 (3108/3110) 03009KT 9999 NSW SCT015 QNH2861INS GRID20009KT
BECMG 3023/3101 (3112/3114) 14012G20KT 9999 DRSN FEW040 FEW100 520103 QNH2862INS GRID31012G20KT
TEMPO 3102/3106 (3115/3119) 17020G35KT 1600 BLSN 520004 GRID34020G35KT
BECMG 3106/3108 (3119/3121) 18030G45KT 0800 BLSN FEW040 SCT100 530003 QNH2863INS GRID35030G45KT

MCMURDO HELIPAD FORECAST (VALID TIME: 31/0600L – 31/1800L)

SFC WIND (TRUE): VRB06KT BECMG 14020G30KT AFT 11L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW020 BECMG SCT015 SCT040 AFT 11L
MIN ALSTG: 2858INS
HAZARDS: NIL BECMG LGT TURBC SFC-040 AFT 11L

SITE & AREA FORECASTS (VALID TIME: 31/0600L – 31/1800L)

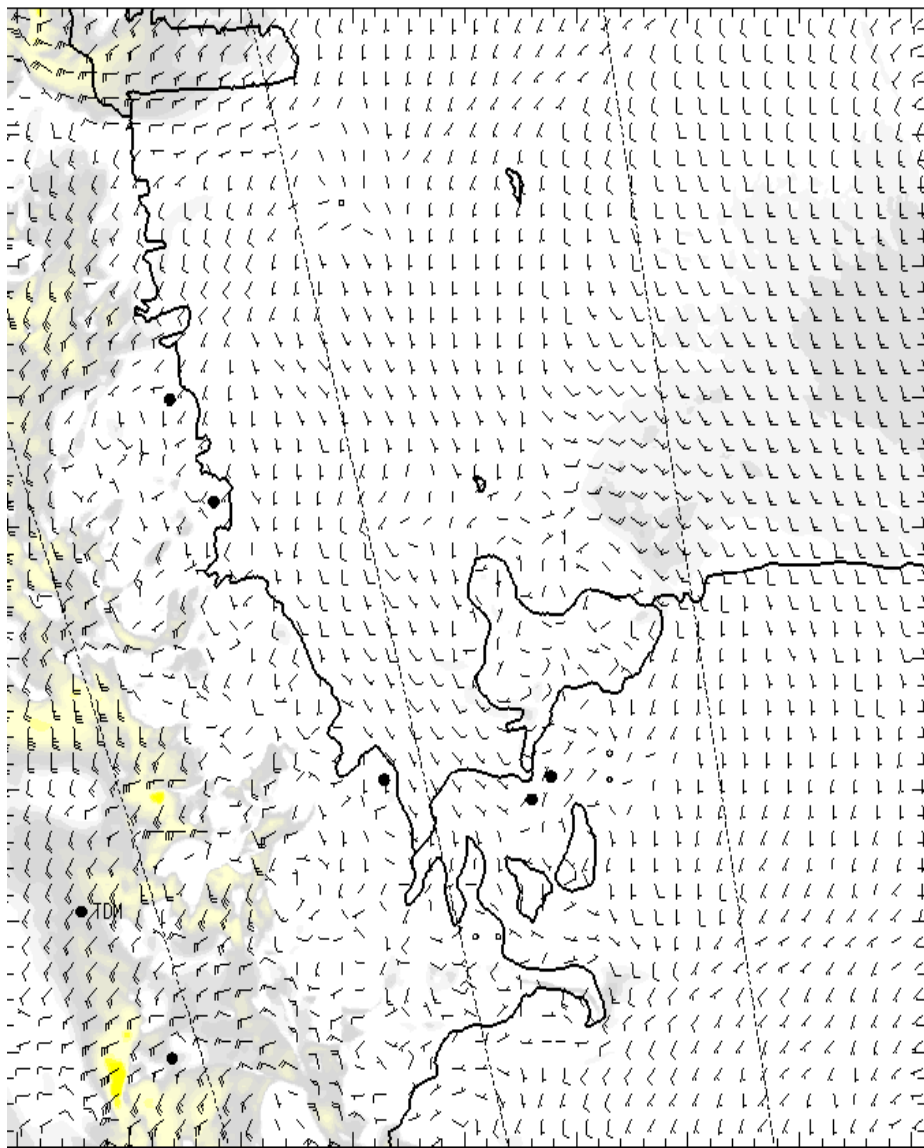
AWS 108

SFC WIND (TRUE): VRB06KT BECMG 20020G30KT
SFC VISIBILITY (SM): UNRES TEMPO 1 – 3 BR 6-12L
SKY CONDITION (AGL): FEW020 BECMG SCT015 SCT040 AFT 11L
MIN ALSTG: 2855INS
HAZARDS: LGT TURBC SFC-040

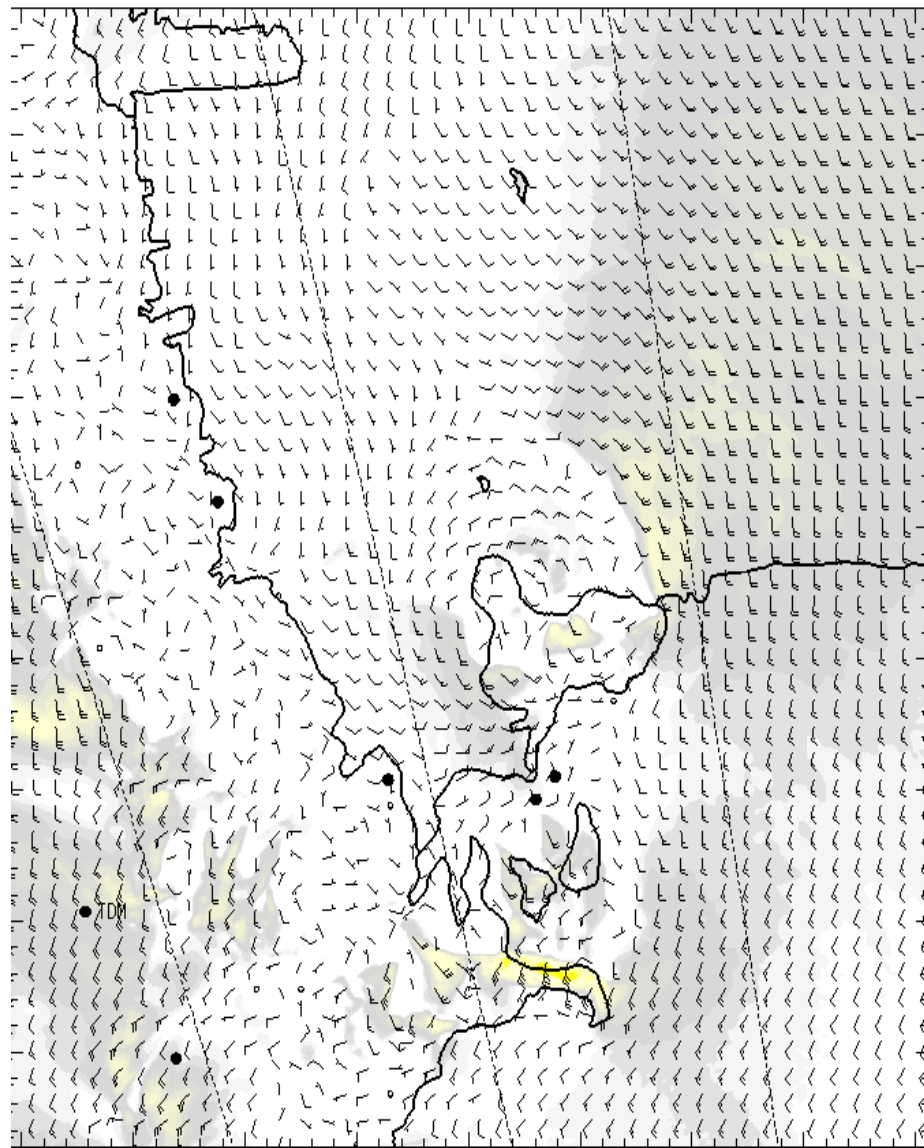
NIGHT AREA OUTLOOKS (VALID TIME: 31/1800L – 1/0600L)

NIL

SFC

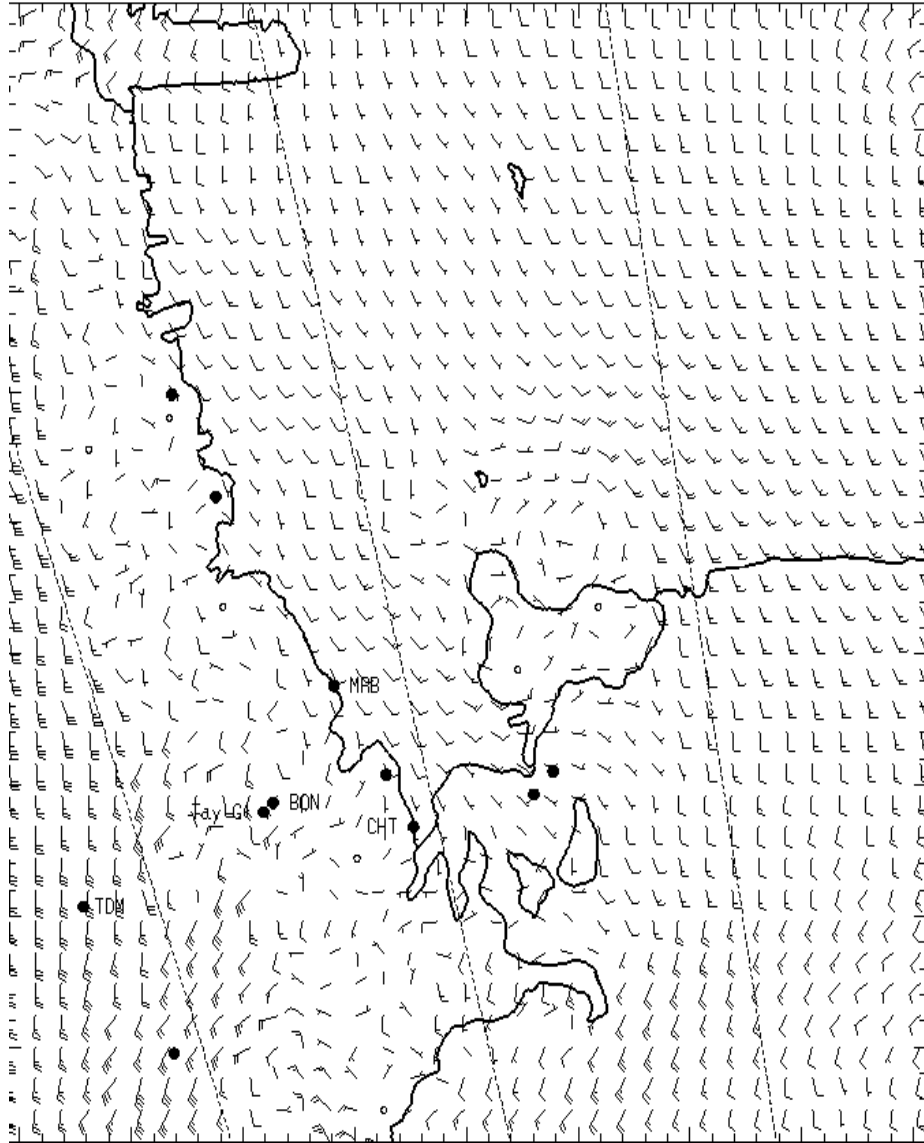


0700L

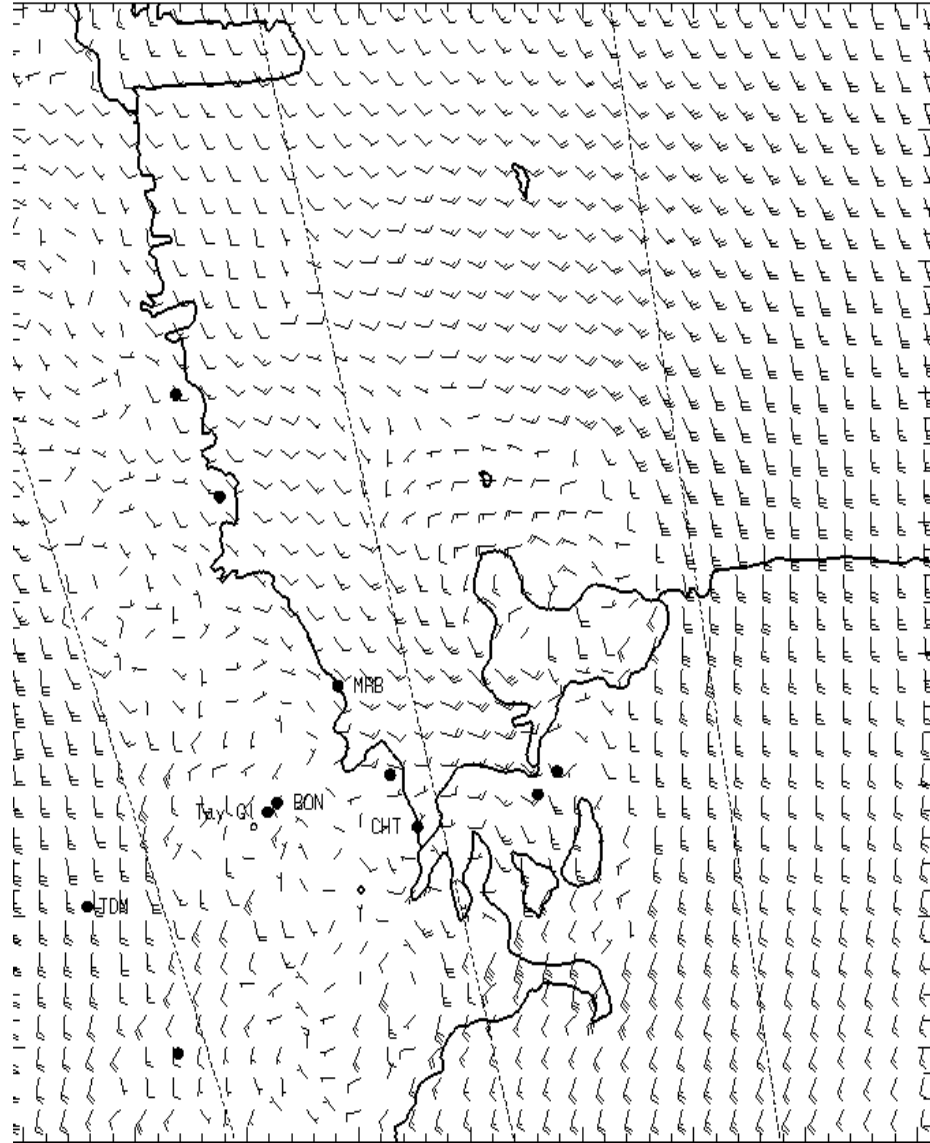


1300L

1,000 ft AGL

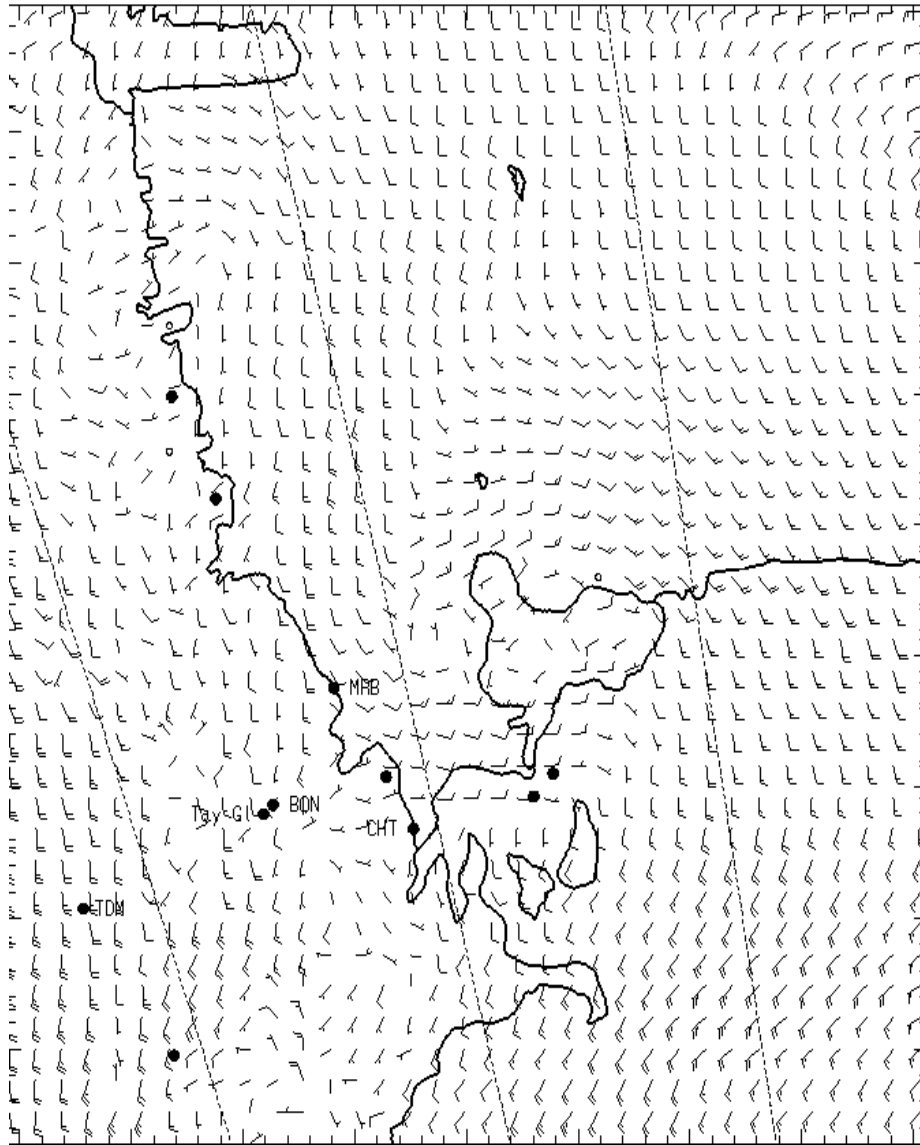


0700L

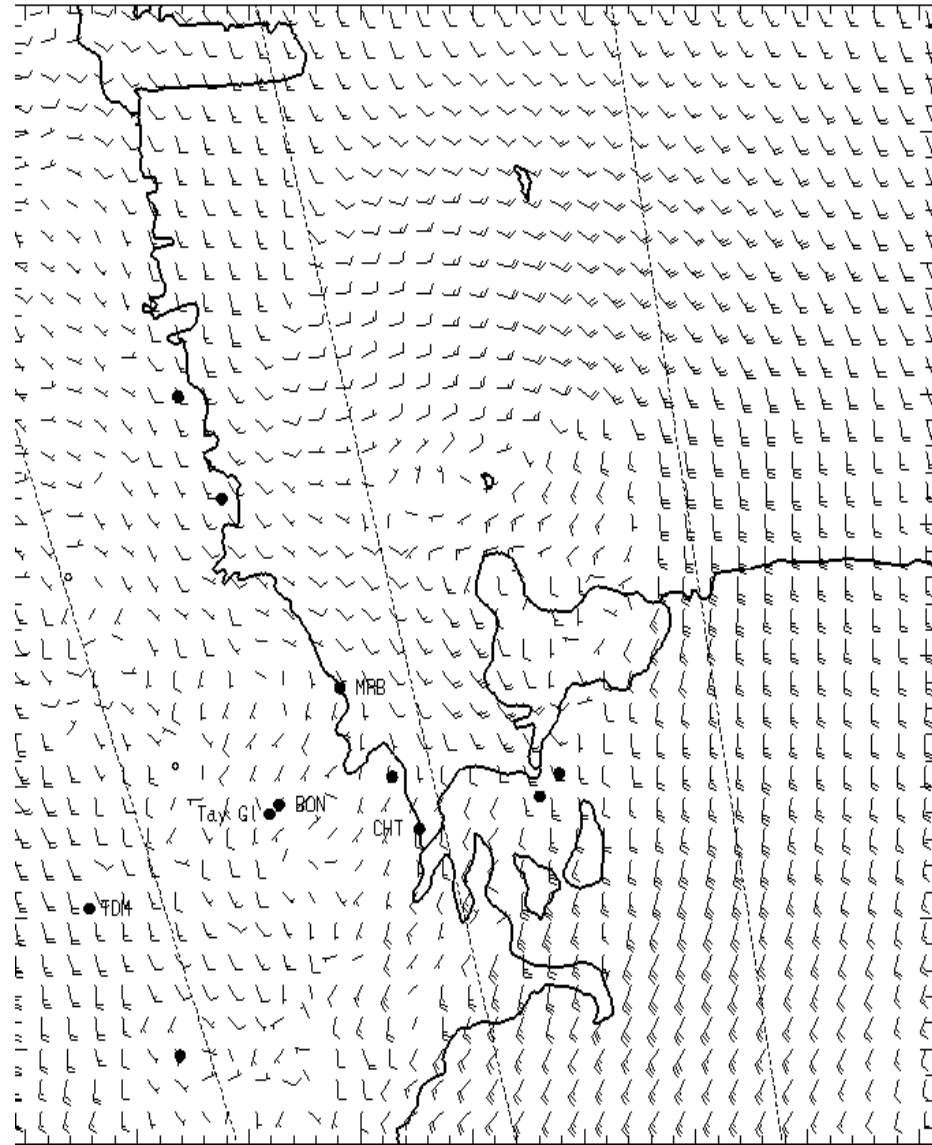


1300L

3,000 ft AGL

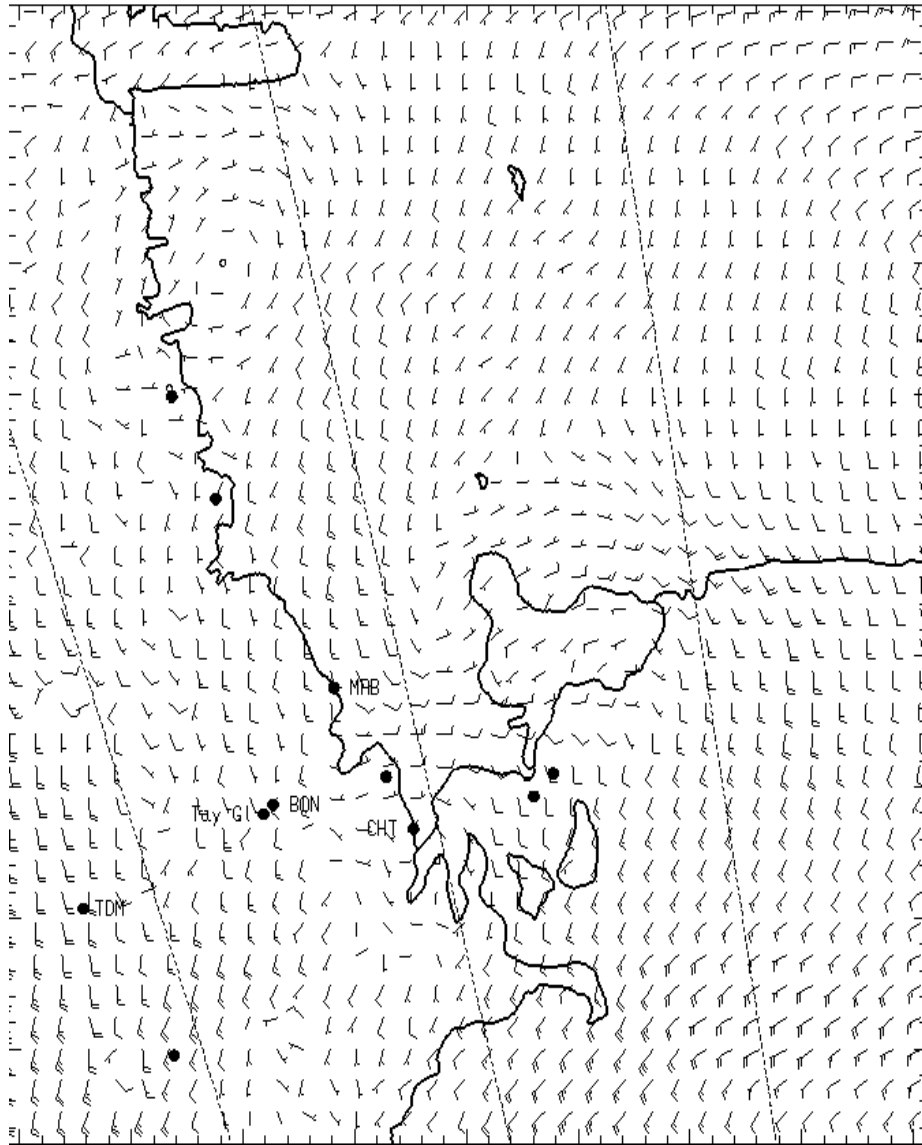


0700L

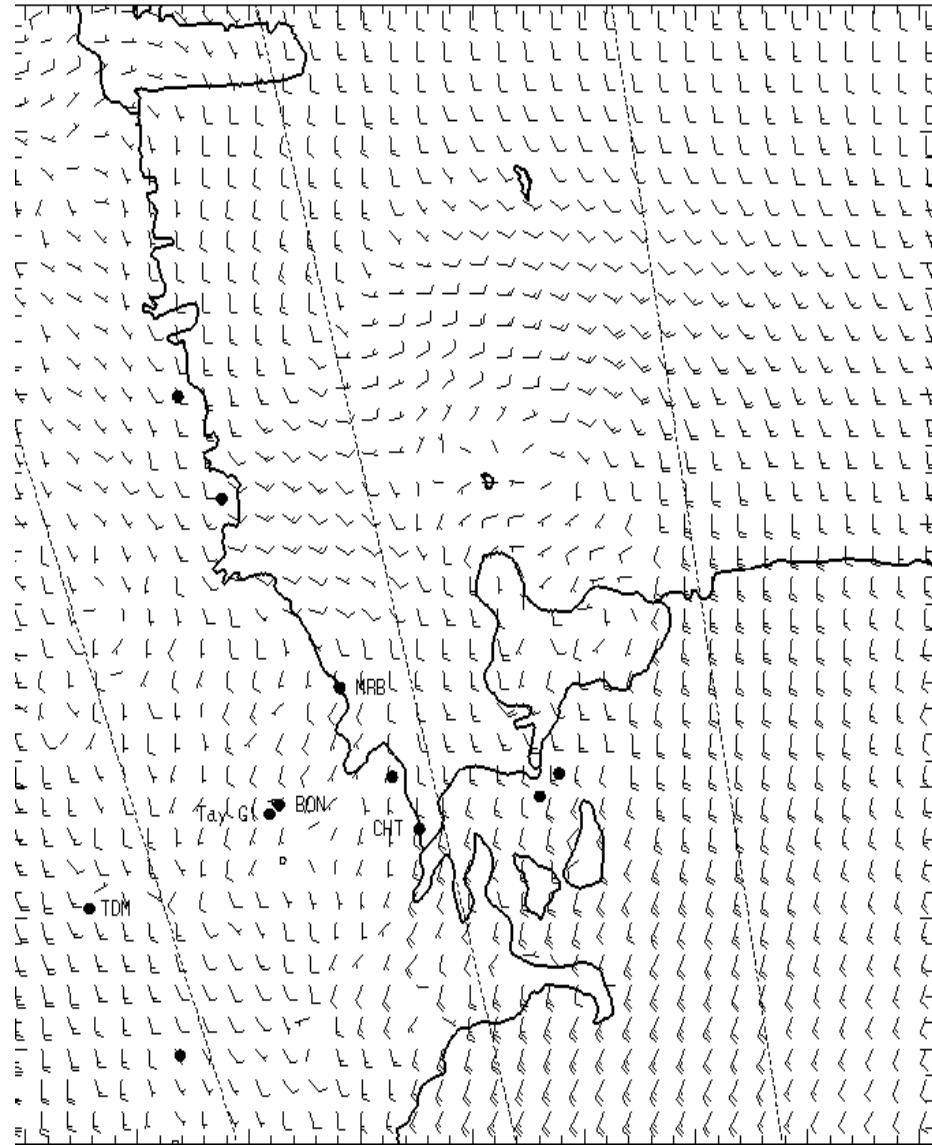


1300L

5,000 ft AGL



0700L



1300L