



Helo Weather

Charleston ROF
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Date (L): Wed 2 February 2022

Brief Time (L): 1800

Briefing Number: 02-003

FCSTR: Joe Kramer

REGIONAL SUMMARY

The trough over the western Ross Ice Shelf, associated with a somewhat stagnated Low over the Ross Sea, will affect both landing sites tonight. Laurie II is directly in the line of flow with strong wind, snow and blowing snow, while flow moving around to the north of Ross Island will also cause low ceilings and snow near Cape Bird, but light winds.

HAZARDS

Low ceilings and poor visibility due to snow and blowing snow. Light Rime Icing is expected at all locations, while occasional Moderate Turbulence is expected at McMurdo Station and Laurie II.

LATEST MCMURDO OBSERVATION

METAR ZCMA 020255Z AUTO 10008KT 9999 -SN SCT027 BKN034 OVC050 M05/M09 A2937 RMK AO2 SNB0245 SLP950 T10471089 51008 \$=

RUNWAY TAFS

TAF NZFX 020256Z 0203/0303 (0216/0316NZDT) 12012KT 9999 FEW020 SCT040 OVC060 520105 QNH2937INS
GRID29012KT

TEMPO 0203/0209 (0216/0222) 4800 -SN BR BKN025 OVC050 620256

BECMG 0209/0211 (0222/0224) 05006KT 9999 SCT020 BKN040 OVC060 QNH2938INS GRID22006KT

TAF NZWD 020256Z 0203/0303 (0216/0316NZDT) 07006KT 9999 FEW020 SCT040 OVC060 520105 QNH2938INS
GRID24006KT

TEMPO 0203/0209 (0216/0222) 4800 -SN BR BKN025 OVC050 620256

BECMG 0209/0211 (0222/0224) VRB06KT 9999 -SN SCT010 BKN025 OVC050 620256 QNH2938INS

TEMPO 0210/0216 (0223/0305) 4000 -SN BR BKN010 OVC025 620108

NIGHT AREA OUTLOOKS (VALID TIME: 02/1800 - 03/0600L):

MCMURDO HELIPAD FORECAST

SFC WIND (TRUE): 15020G30KT, BECMG 07010KT AFT 20L

SFC VISIBILITY (SM): UNRES, TEMPO 2 -SN BR 20-02L

SKY CONDITION (AGL): SCT020 BKN050 BKN080, TEMPO BKN015 OVC040 20-02L

MIN ALSTG: 29.33INS

HAZARDS: OCNL MOD TURBC SFC-060, BECMG NIL AFT 20L; LGT RIME ICG 015-080

CAPE BIRD

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 1-SN BR

SKY CONDITION (AGL): BKN005 OVC015

MIN ALSTG: 28.79INS

HAZARDS: LGT RIME ICG 005-080

LAURIE II

SFC WIND (TRUE): 18018G28KT

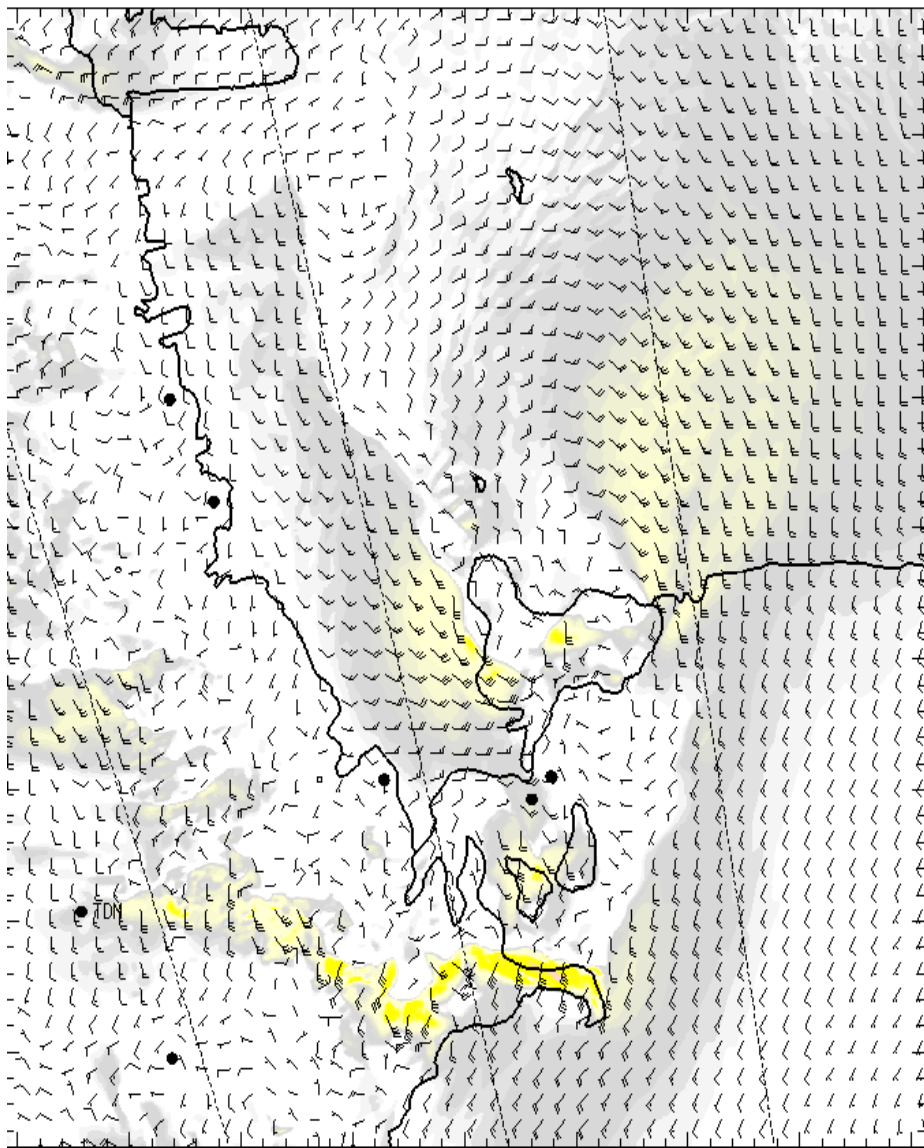
SFC VISIBILITY (SM): ½ -SN BLSN

SKY CONDITION (AGL): BKN010 OVC025

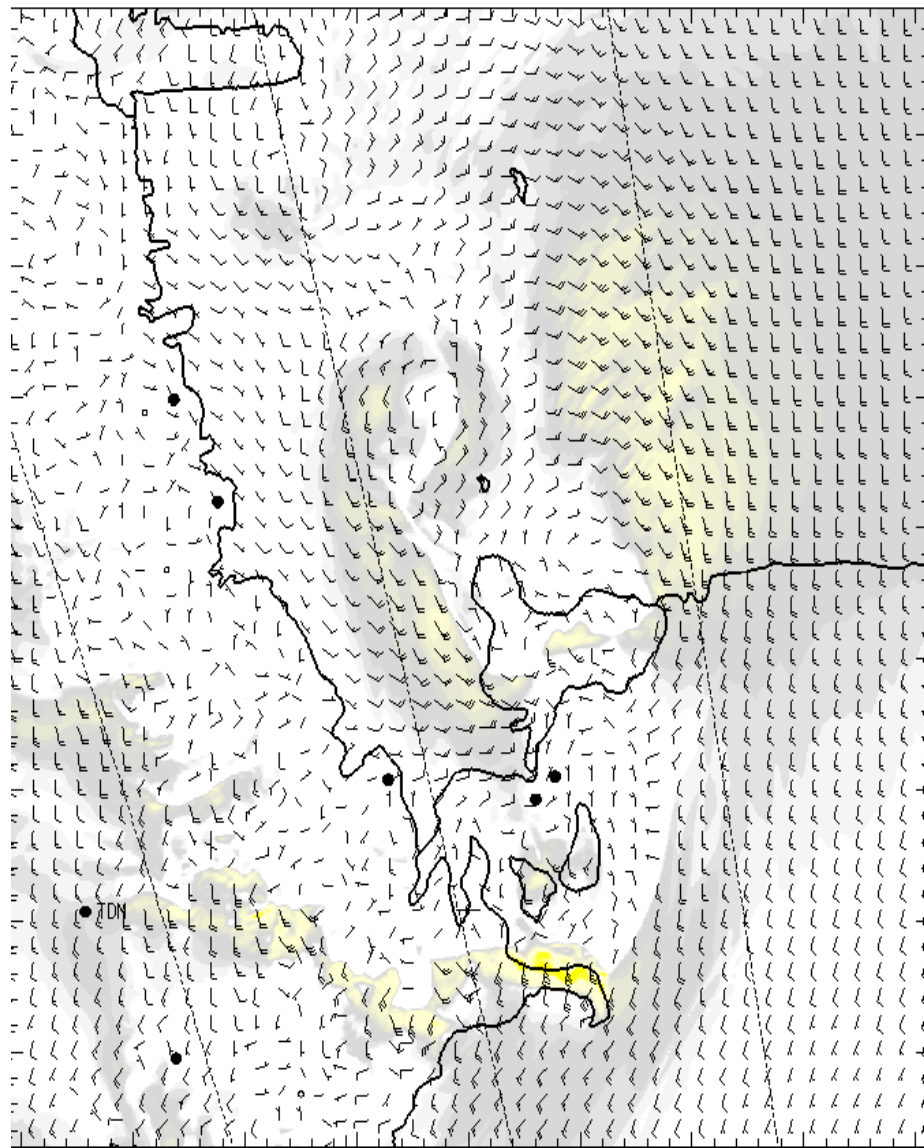
MIN ALSTG: 28.79INS

HAZARDS: OCNL MOD TURBC SFC-050, MOD RIME ICG 010-080

SFC

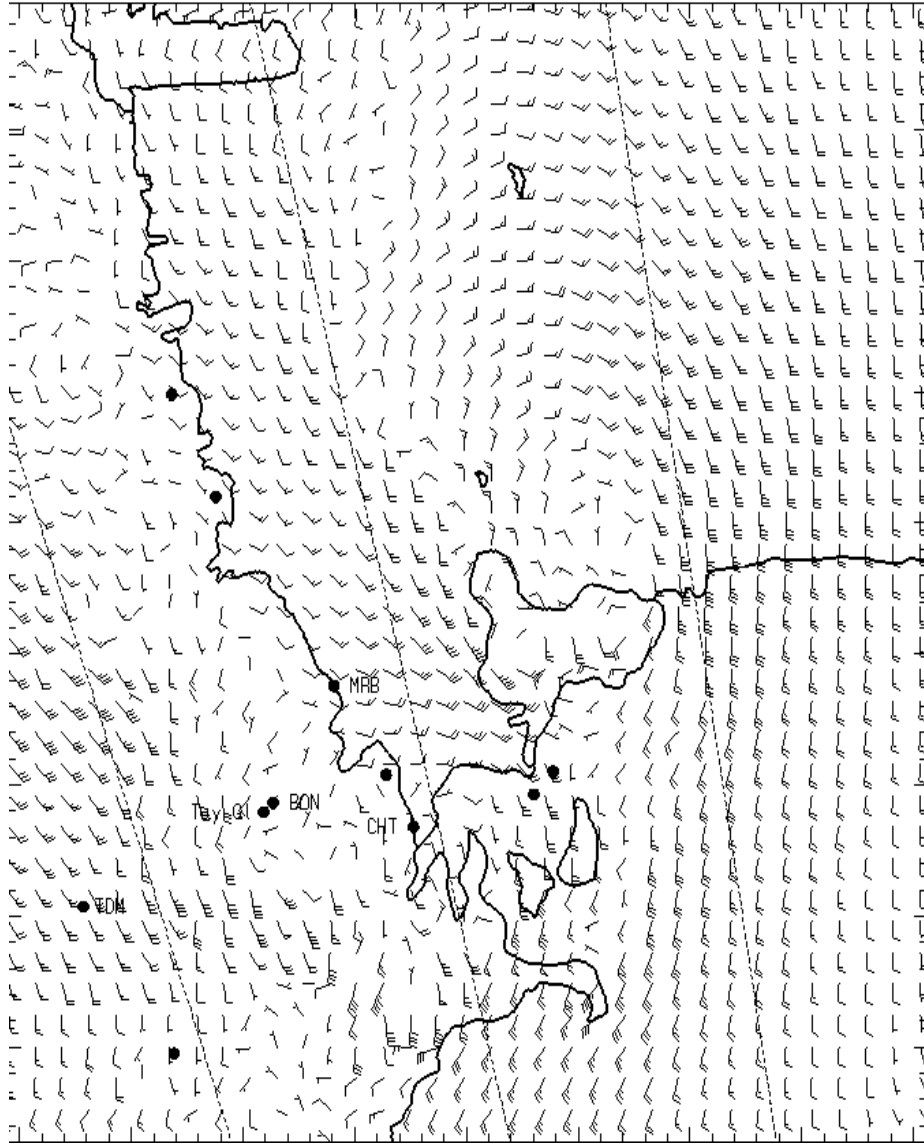


0700L

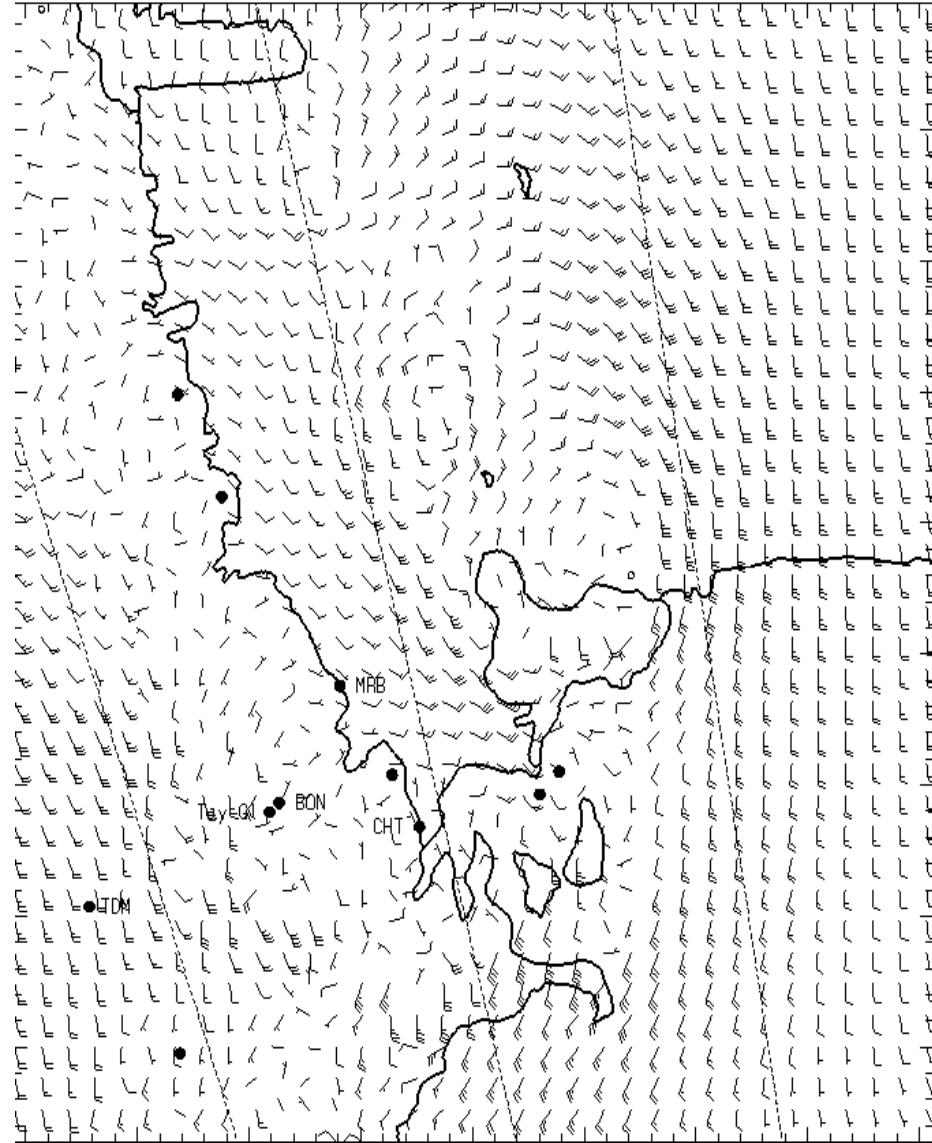


1300L

1,000 ft AGL

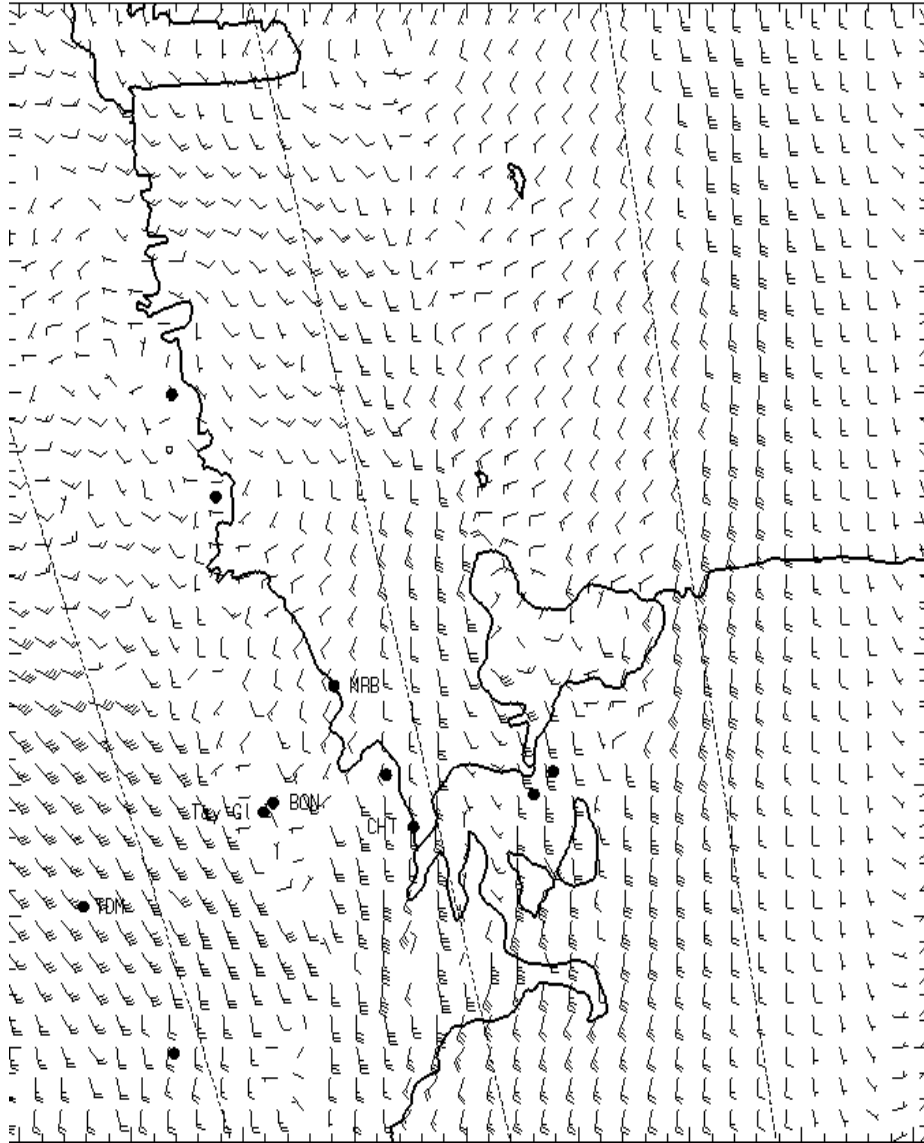


0700L

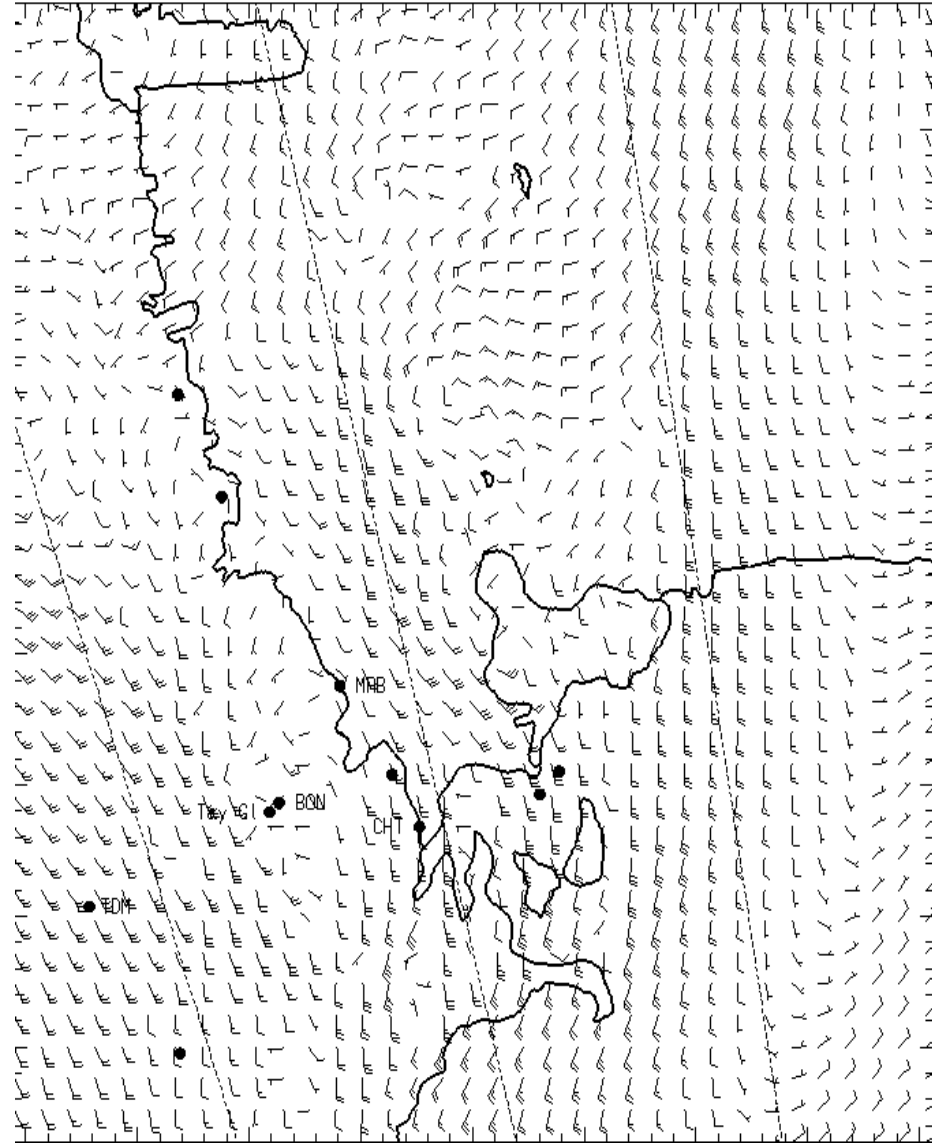


1300L

3,000 ft AGL

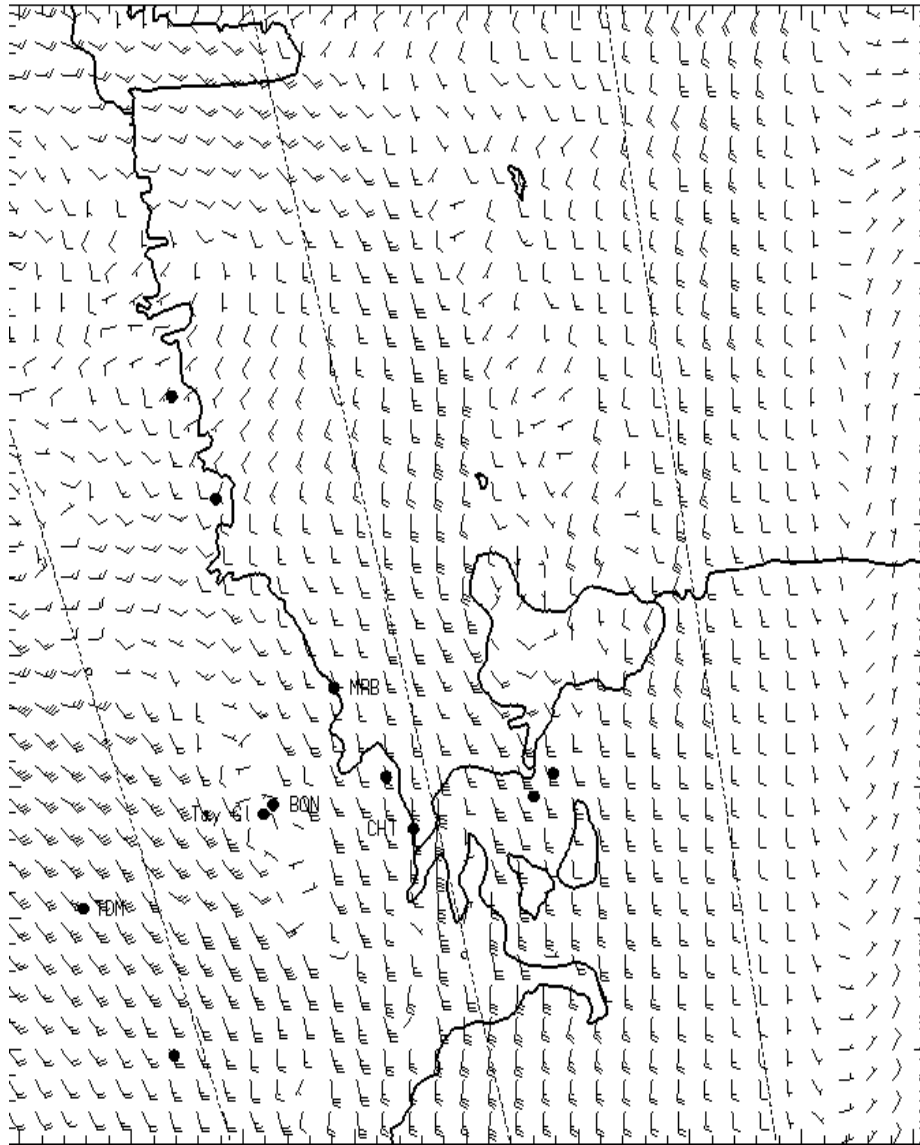


0700L

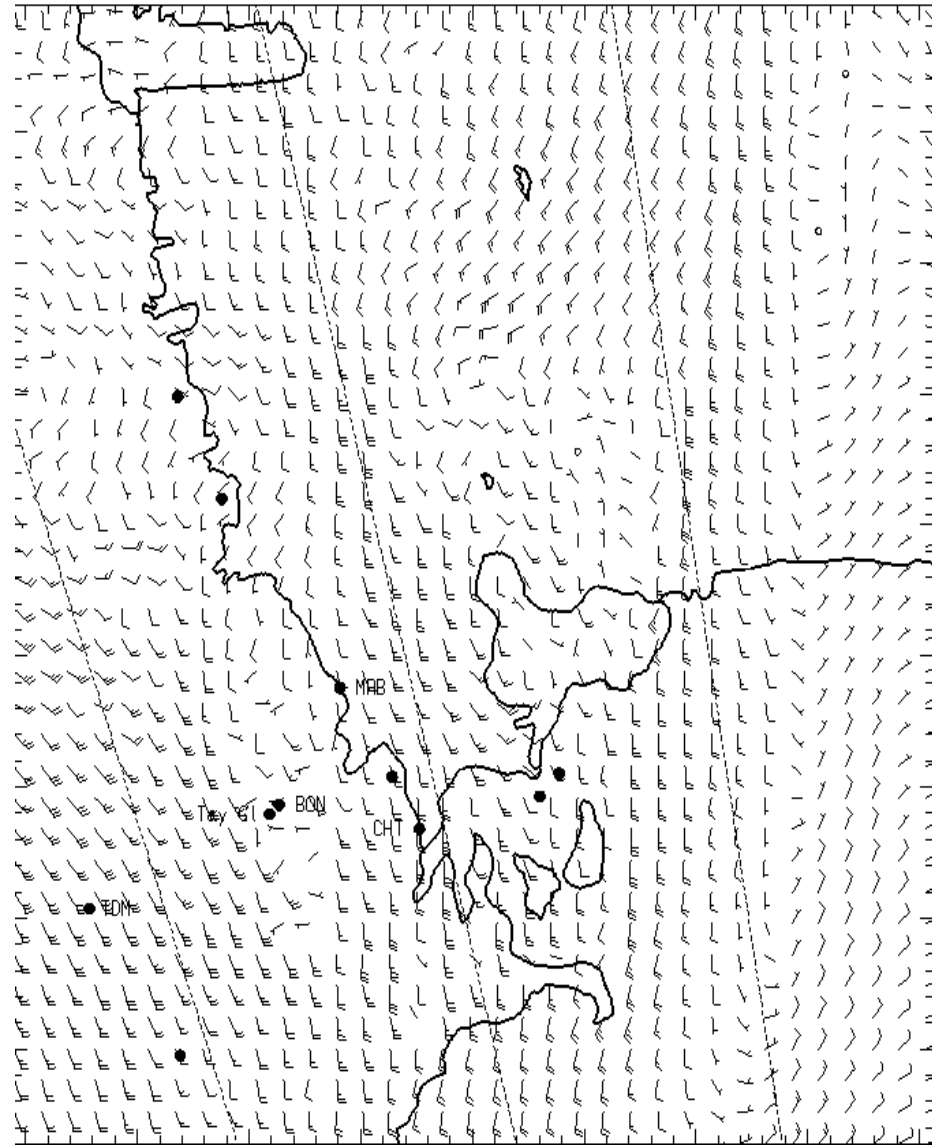


1300L

5,000 ft AGL



0700L



1300L