



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Thursday 26 November 2020

Brief Time (L): 0615

Briefing Number: 11-20

FCSTR: John Meyer

REGIONAL SUMMARY

While the Ross Island region currently remains under the influence of a local area of high pressure, with fairly light winds from the NW and only partly cloudy skies this morning, a low pressure system up by Cape Adare is sending a good amount of cloud cover down our way. The model and satellite presentation agree that high level clouds will create a ceiling later this morning, but the satellite is also showing some lower level clouds not reflected in the model. Without any other direct obs, I matched their IR temperature signature from the satellite with the overnight weather balloon's temperature profile, and the cloud tops appear to be around the 5,000ft level, implying lower bases. These clouds will likely funnel down McMurdo Sound and contribute to a lower ceiling, at times.

HAZARDS

NIL

LATEST MCMURDO OBSERVATION

METAR ZCMA 251628Z AUTO 07009KT 9999 SKC M05/M09 A2909 RMK AO1 SLP856 GRID23009KT=

RUNWAY TAFS

TAF NZFX 251457Z 2515/2615 (2604/2704NZDT) VRB05KT 9999 FEW015 SCT150 QNH2906INS
TEMPO 2516/2521 (2605/2610) 14003KT 0800 FZFG GRID31003KT
BECMG 2600/2602 (2613/2615) 06008KT 9999 SCT015 BKN150 QNH2899INS GRID23008KT

MCMURDO HELIPAD FORECAST (VALID TIME: 26/0600L – 26/1800L)

SFC WIND (TRUE): 35010G15KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT015 SCT150 BECMG SCT015 BKN120 AFT 10L TEMPO BKN015 BKN120 10-15L

MIN ALSTG: 2901INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 26/0600L – 26/1800L)

MT NEWALL

SFC WIND (TRUE): 14005KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW100 BECMG BKN070 AFT 10L

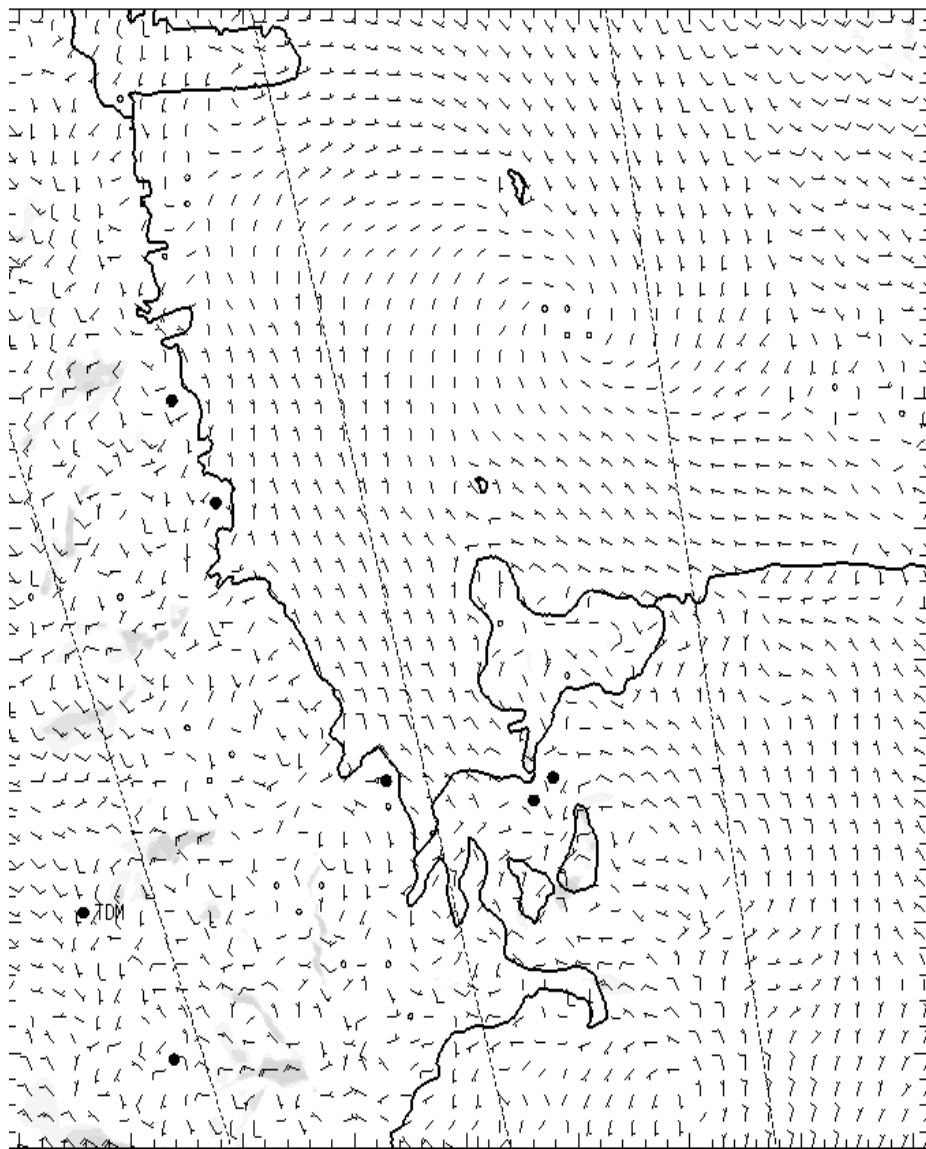
MIN ALSTG: 2866INS

HAZARDS: NIL

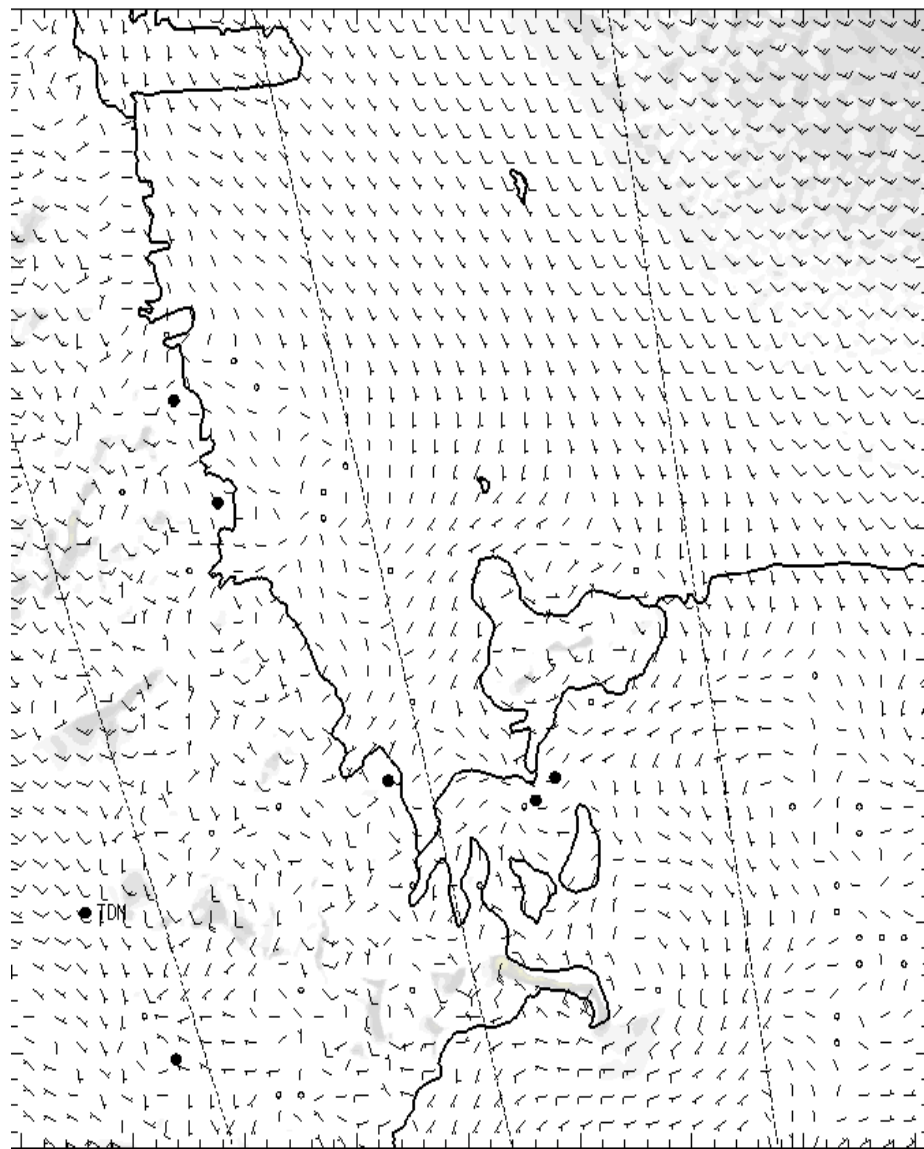
NIGHT AREA OUTLOOKS (VALID TIME: 26/1800L – 27/0600L)

NIL

SFC

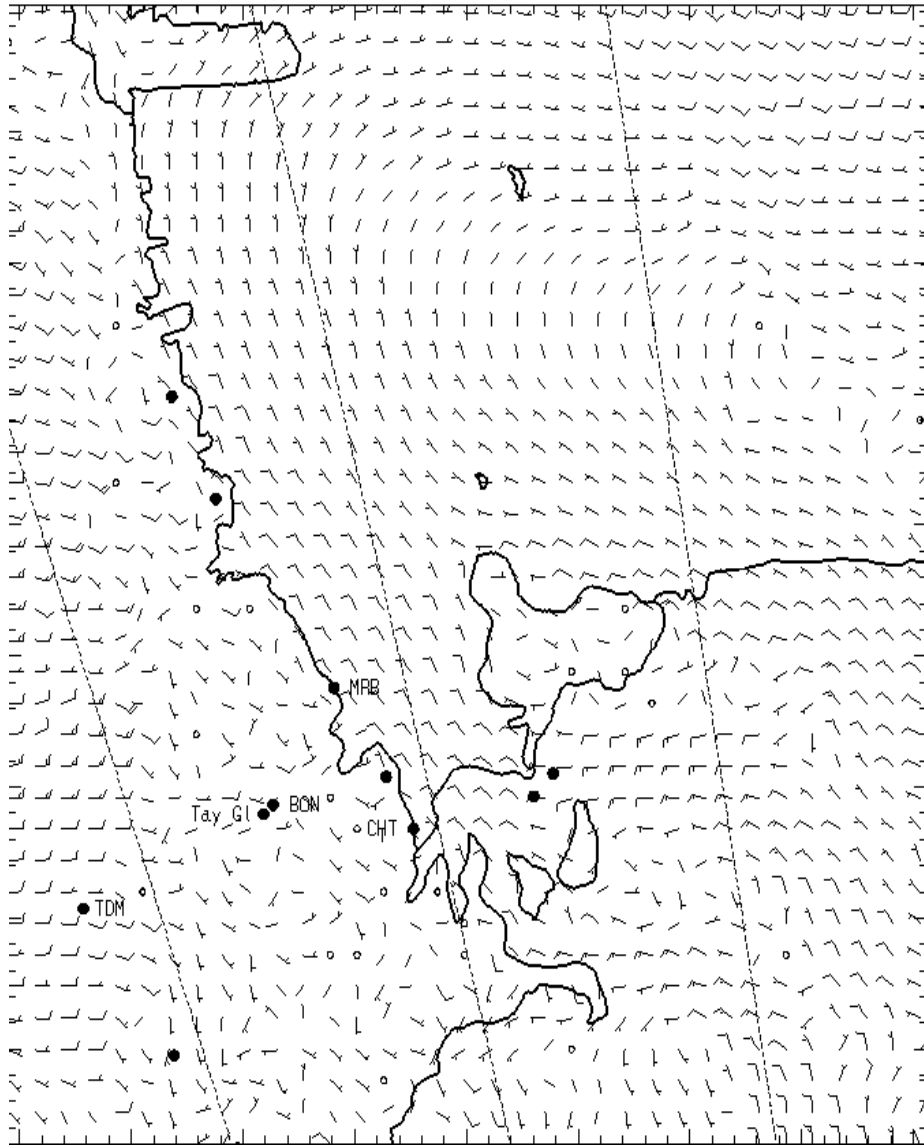


0700L

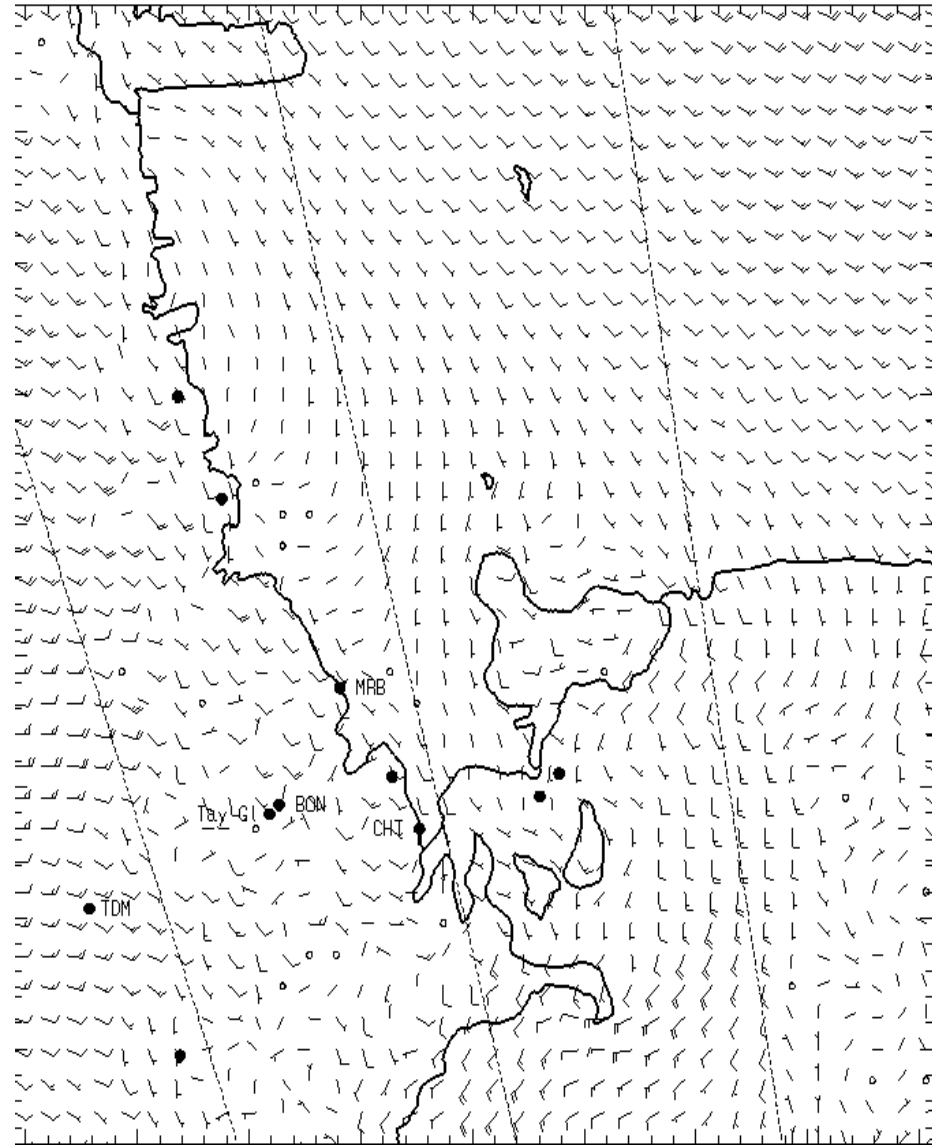


1300L

1,000 ft AGL

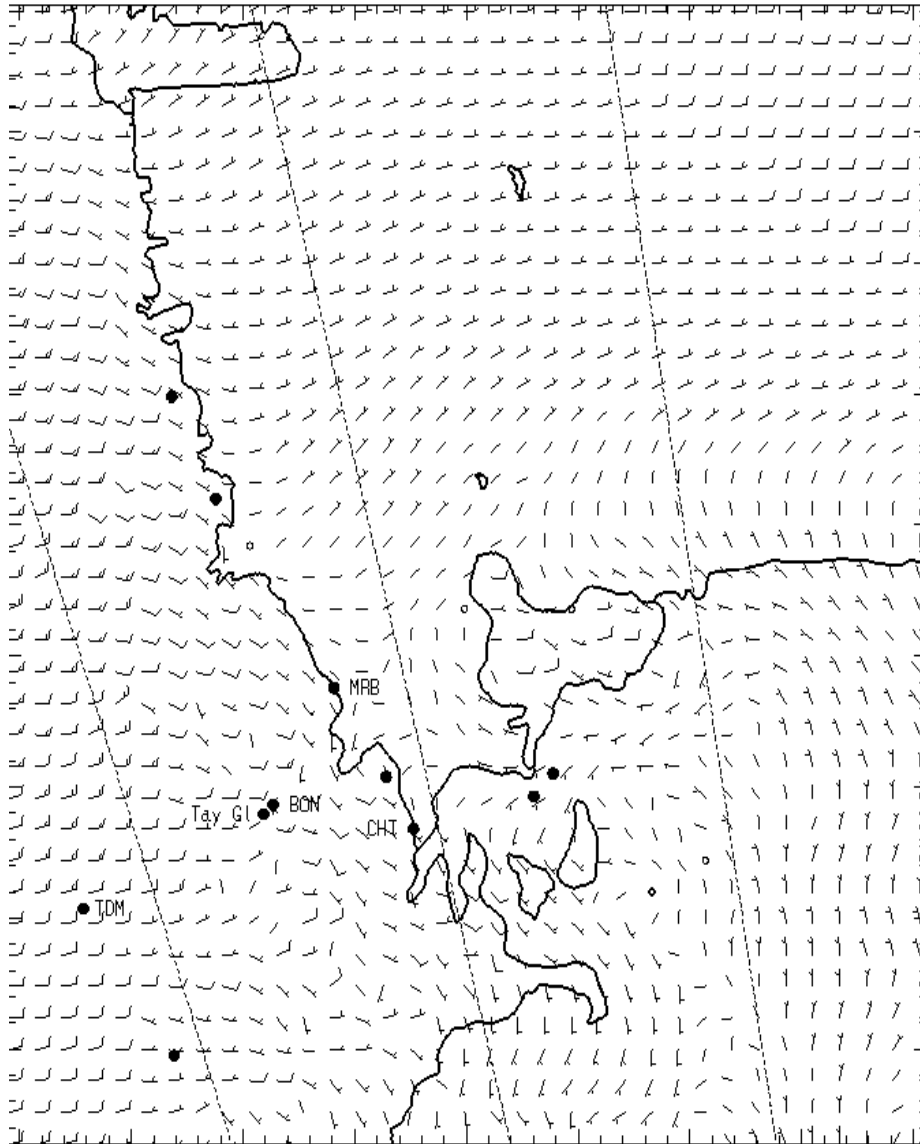


0700L

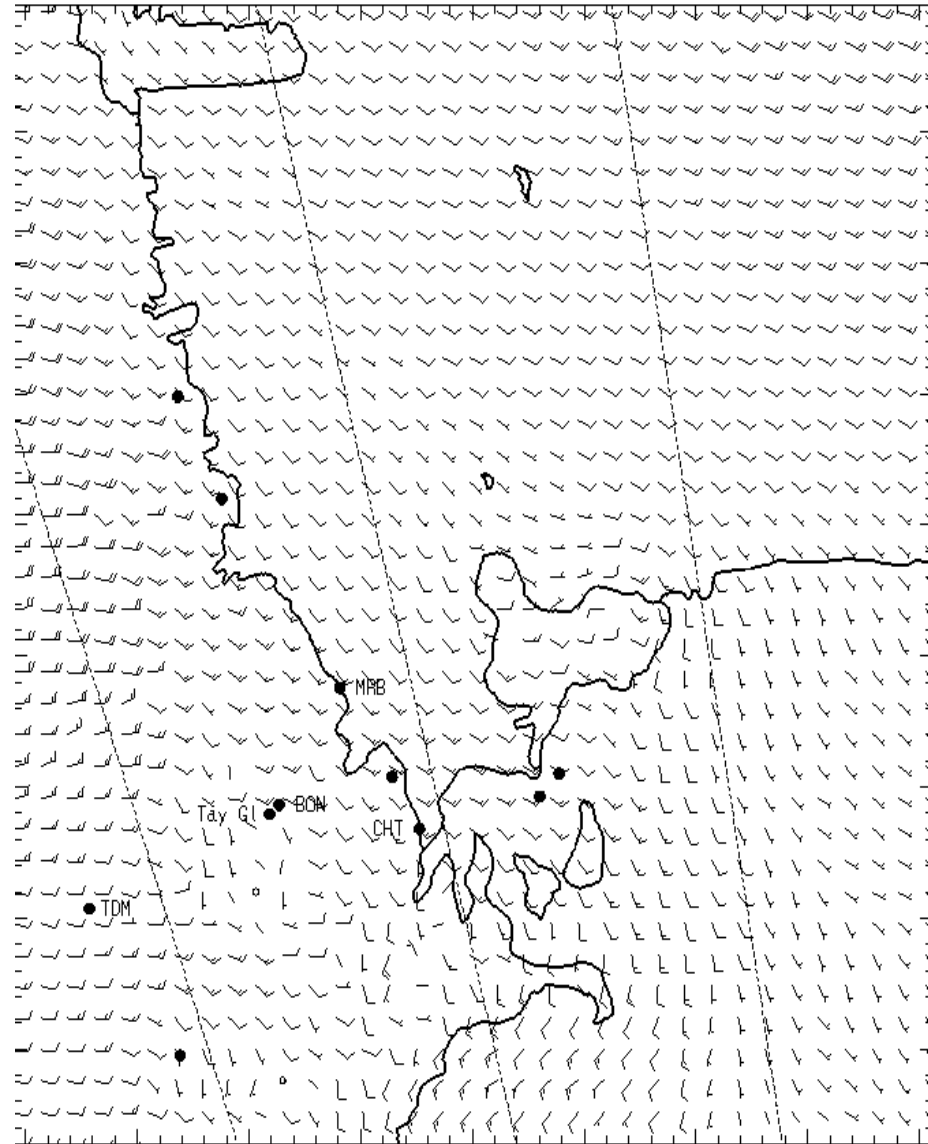


1300L

3,000 ft AGL

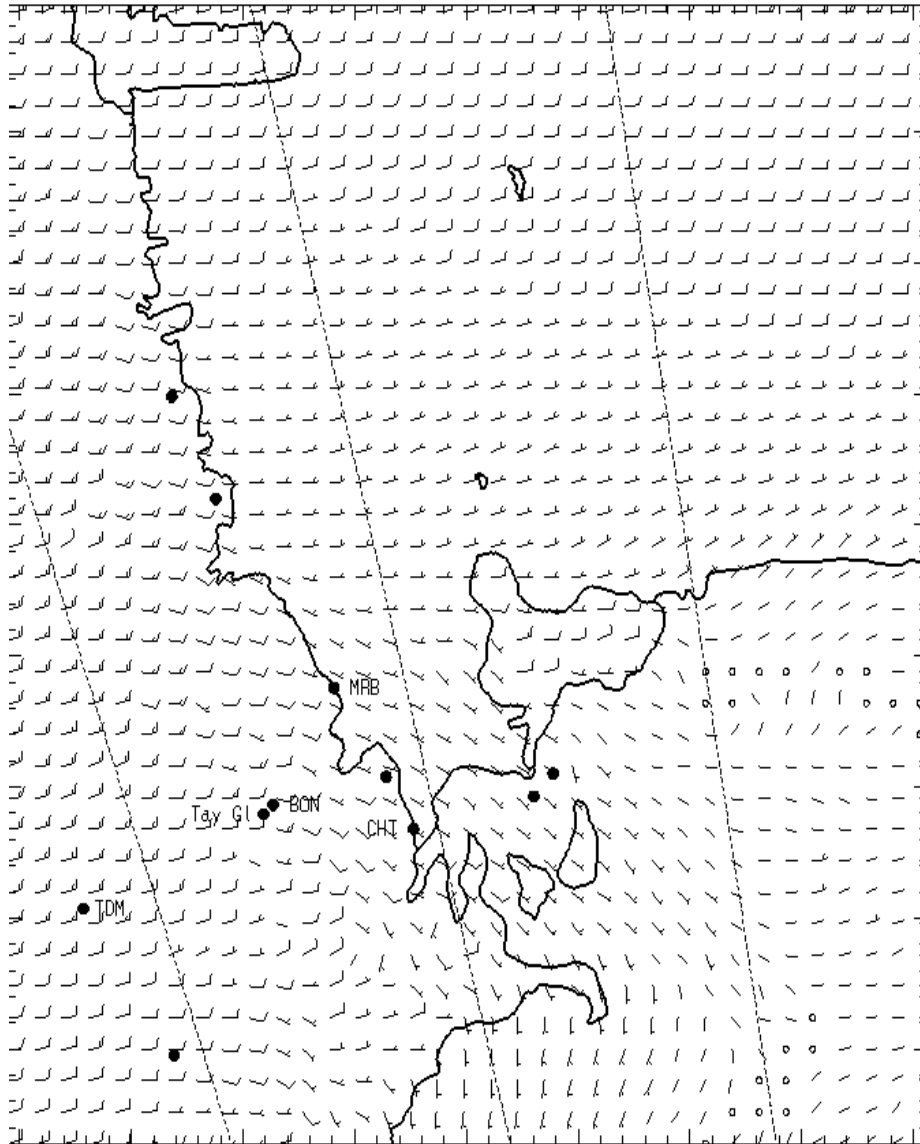


0700L

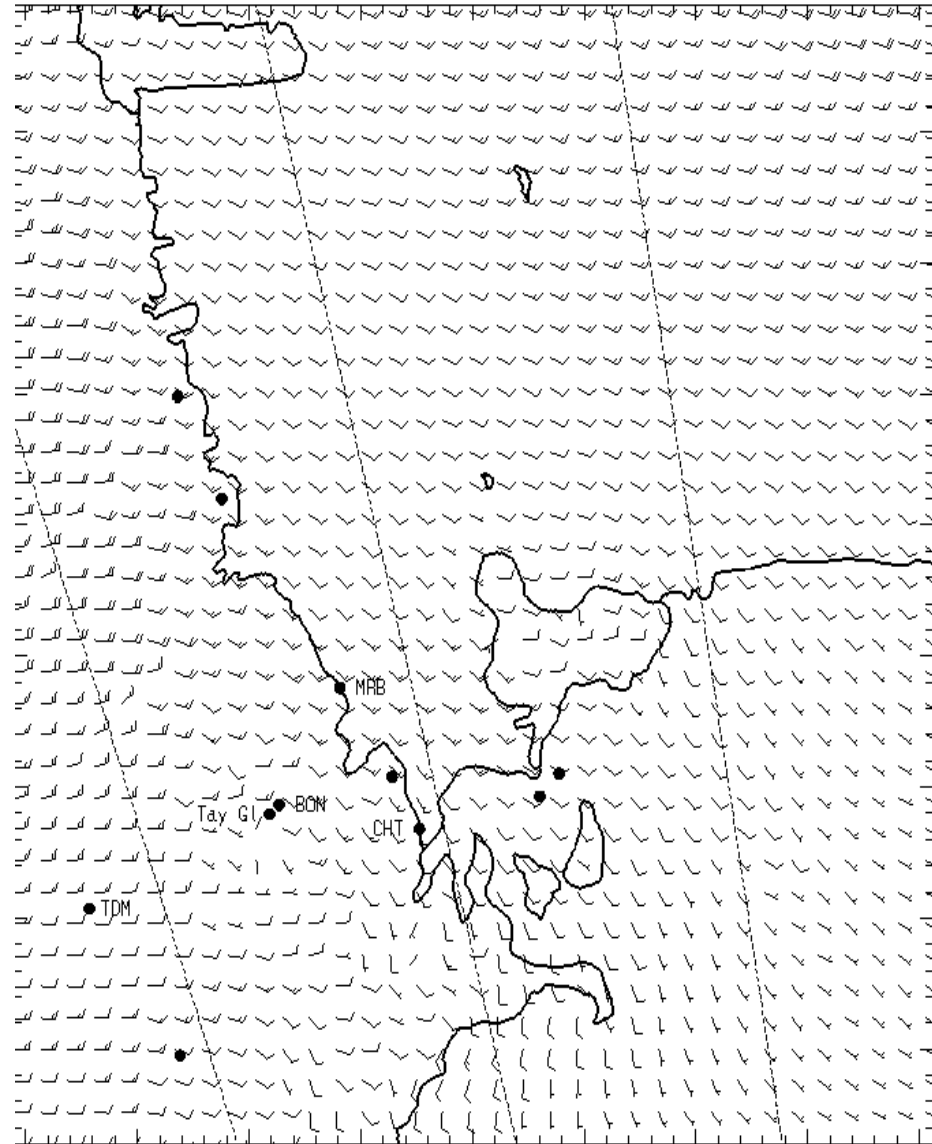


1300L

5,000 ft AGL



0700L



1300L