



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Friday 15 January 2021

Brief Time (L): 0615

Briefing Number: 01-11

FCSTR: John Meyer

REGIONAL SUMMARY

Low pressure once again resides off to the east of Ross Island, driving a lot of moisture into the Ross Island region. At lower level, the winds will be generally light, with a few exceptions where the air funnels around terrain. But the Valley locations will be sheltered from wind and even the aloft winds will be fairly light. However, plenty of moisture is passing through in the form of low clouds, snow, and fog. This will hamper visibility everywhere except the Valley locations quite noticeably. Elevated locations will have it worse, though, spending basically the entire day in the clouds.

HAZARDS

Light to moderate rime icing in cloud and precipitation at most locations, except for sheltered Valley locations.
Light to moderate turbulence at exposed lower-level locations due to directional shear around terrain.

LATEST MCMURDO OBSERVATION

METAR ZCMA 141632Z AUTO 17012G22KT 140V220 9999 -SN SCT075 BKN120 M08/M11 A2918 RMK AO1 SLP885 GRID33012G22KT 310V030=

RUNWAY TAFS

TAF NZFX 141455Z 1415/1515 (1504/1604NZDT) 06012KT 2400 -SN BR OVC025 650253 QNH2916INS GRID23012KT
TEMPO 1415/1418 (1504/1507) 0800 -SN FG OVC012 650124
TEMPO 1423/1503 (1512/1516) 16018G30KT 0400 -SN BLSN VV005 650055 530004 GRID33018G30KT
BECMG 1503/1505 (1516/1518) 07012KT 2000 -SN BR OVC008 650085 QNH2913INS GRID24012KT

MCMURDO HELIPAD FORECAST (VALID TIME: 15/0600L – 15/1800L)

SFC WIND (TRUE): 16015G25KT
SFC VISIBILITY (SM): 4 – 6 -SN BR TEMPO 1/2 – 2 -SN BR 8-14L
SKY CONDITION (AGL): OVC025 TEMPO BKN000 OVC010 TEMPO 8-14L
MIN ALSTG: 2911INS
HAZARDS: MDT ICG SFC-050 / NIL TEMPO MDT TURBC SFC-030

SITE & AREA FORECASTS (VALID TIME: 15/0600L – 15/1800L)

CAPE CROZIER

SFC WIND (TRUE): 31008KT
SFC VISIBILITY (SM): 4 – 6 -SN BR BECMG 1 – 3 -SN BR AFT 10L
SKY CONDITION (AGL): OVC070 BECMG SCT000 BKN030 OVC050 AFT 10L
MIN ALSTG: 2897INS
HAZARDS: NIL BECMG MDT ICG SFC-070 AFT 10L

CAPE ROYDS

SFC WIND (TRUE): 17020G30KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN040

MIN ALSTG: 2907INS

HAZARDS: LGT TURBC SFC-030

LEH

SFC WIND (TRUE): 3408G15KT

SFC VISIBILITY (SM): 2 – 4 -SN BR

SKY CONDITION (AGL): BKN000 OVC040

MIN ALSTG: 2835INS

HAZARDS: LGT ICG SFC-020

NUSSBAUM RIEGEL WEST

SFC WIND (TRUE): 09004KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN050

MIN ALSTG: 2902INS

HAZARDS: NIL

NUSSBAUM RIEGEL EAST

SFC WIND (TRUE): 08006KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN050

MIN ALSTG: 2903INS

HAZARDS: NIL

FANG GLACIER

SFC WIND (TRUE): 36005KT

SFC VISIBILITY (SM): 1/4 – 1/2 SN BR

SKY CONDITION (AGL): OVC000

MIN ALSTG: 2840INS

HAZARDS: MDT ICG SFC-025

SNOW MACHINE

SFC WIND (TRUE): 36005KT

SFC VISIBILITY (SM): 1/4 – 1/2 SN BR

SKY CONDITION (AGL): OVC000

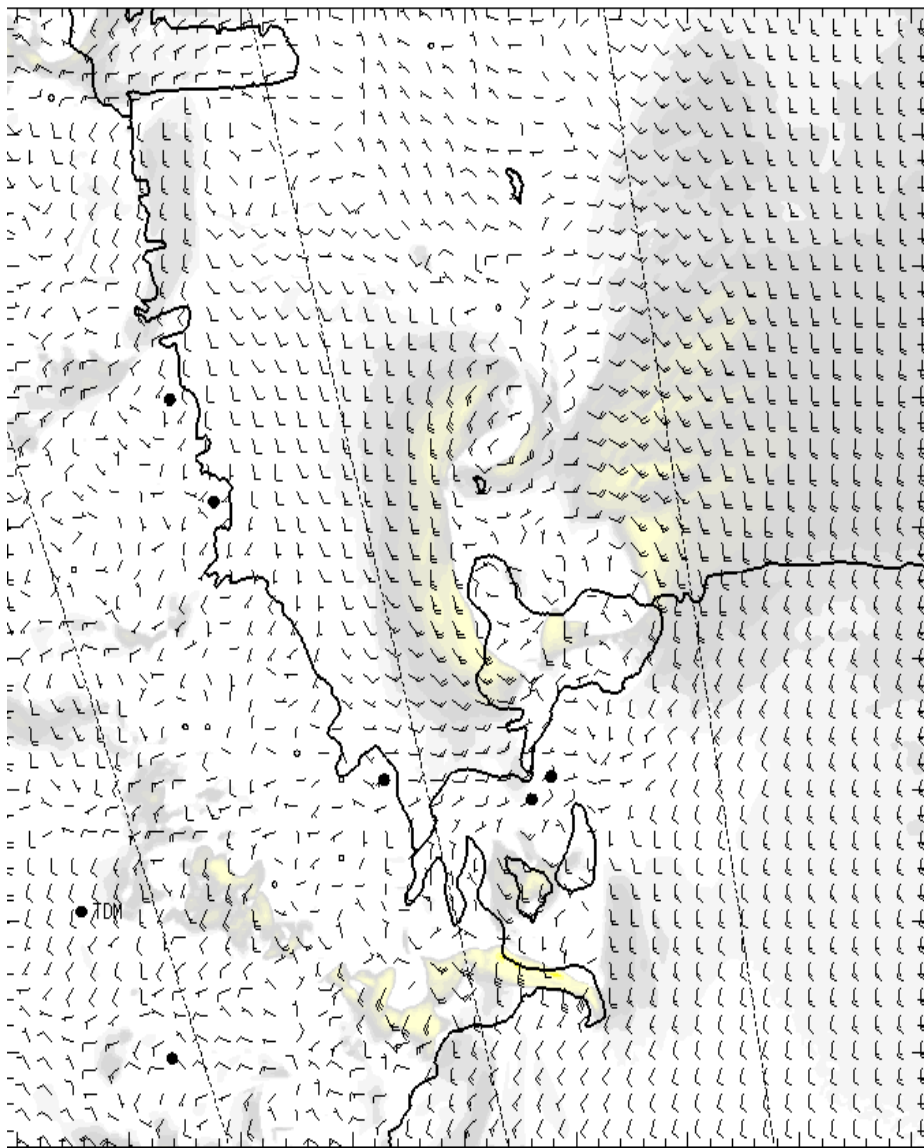
MIN ALSTG: 2839INS

HAZARDS: MDT ICG SFC-025

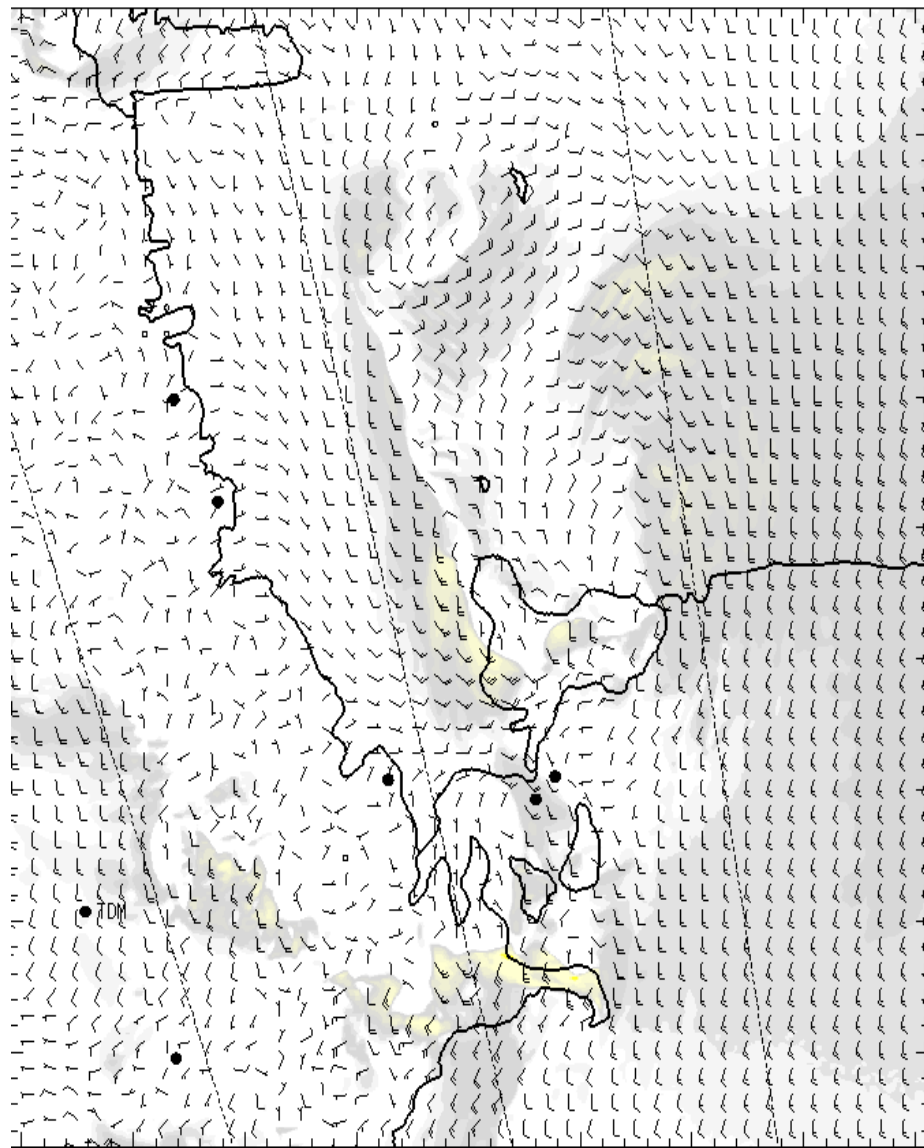
NIGHT AREA OUTLOOKS (VALID TIME: 15/1800L – 16/0600L)

NIL

SFC

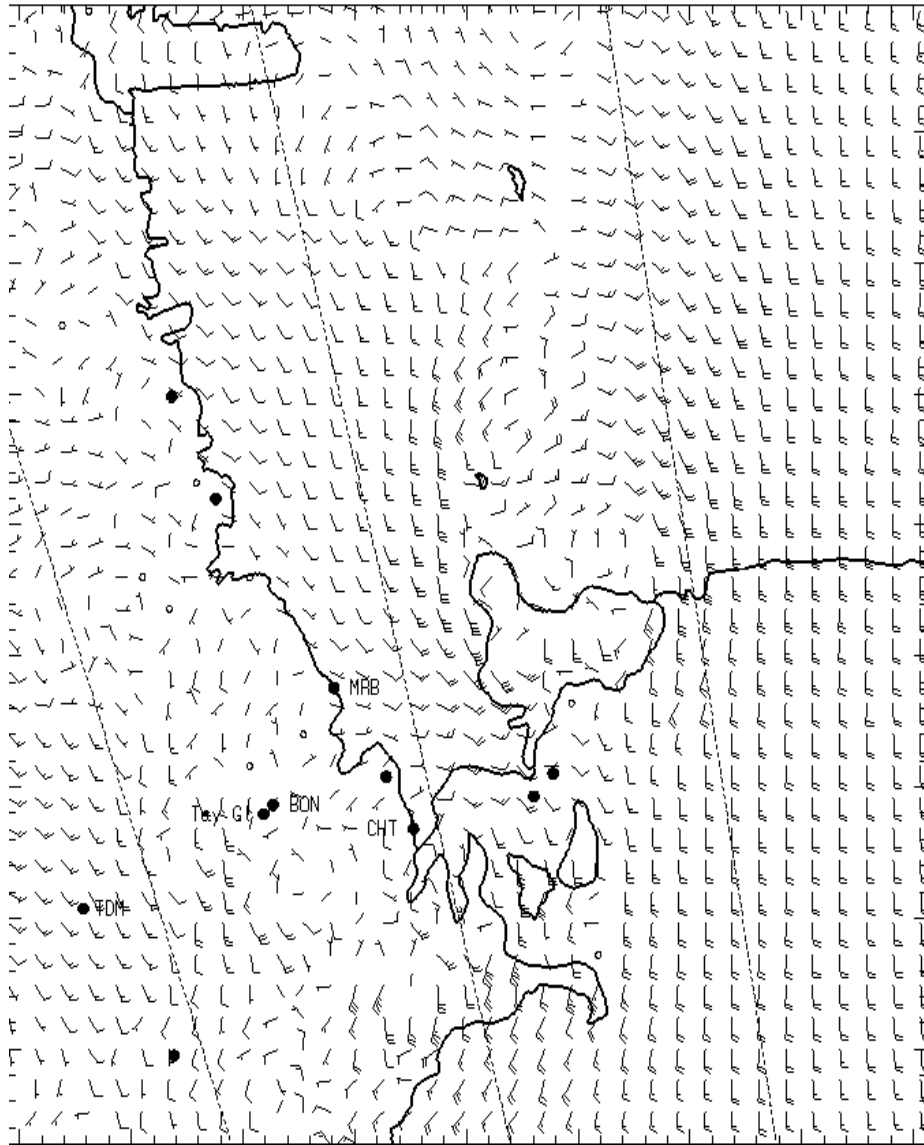


0700L

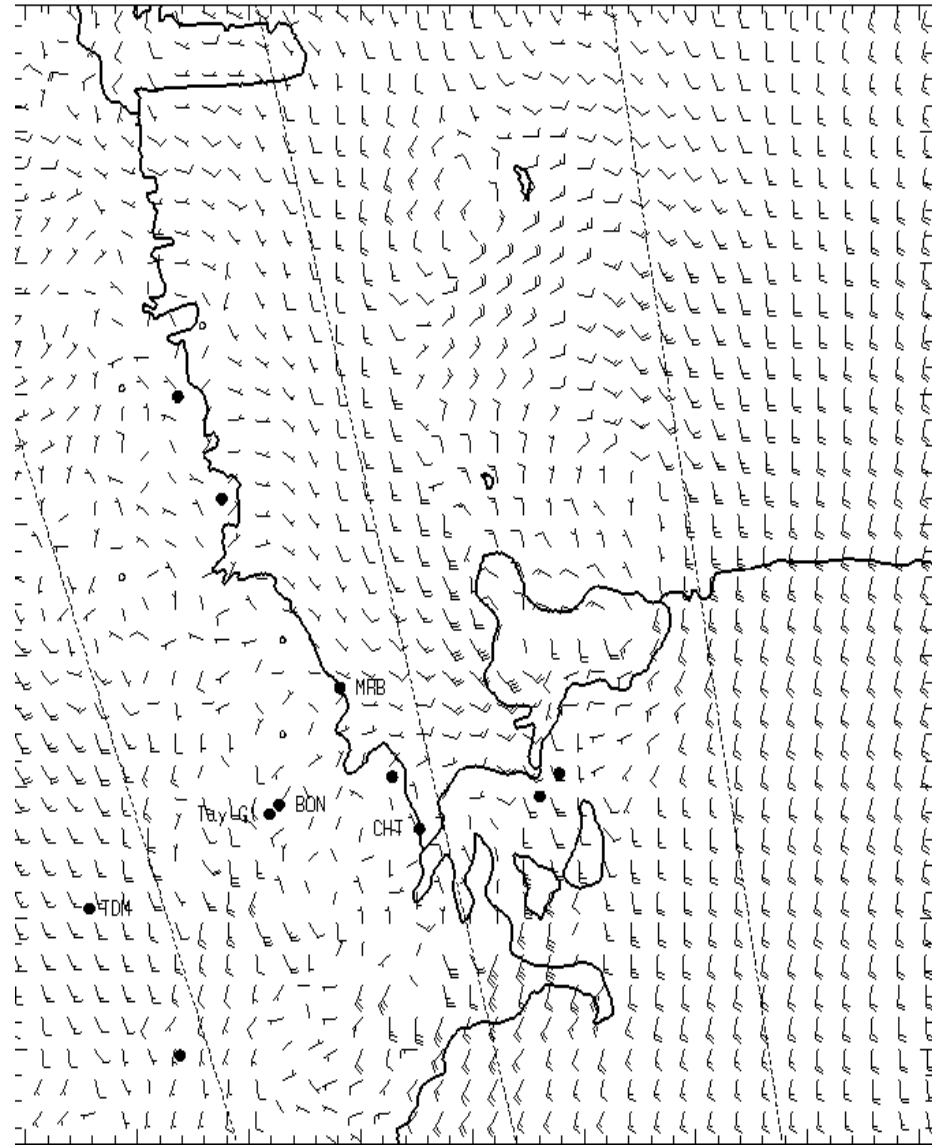


1300L

1,000 ft AGL

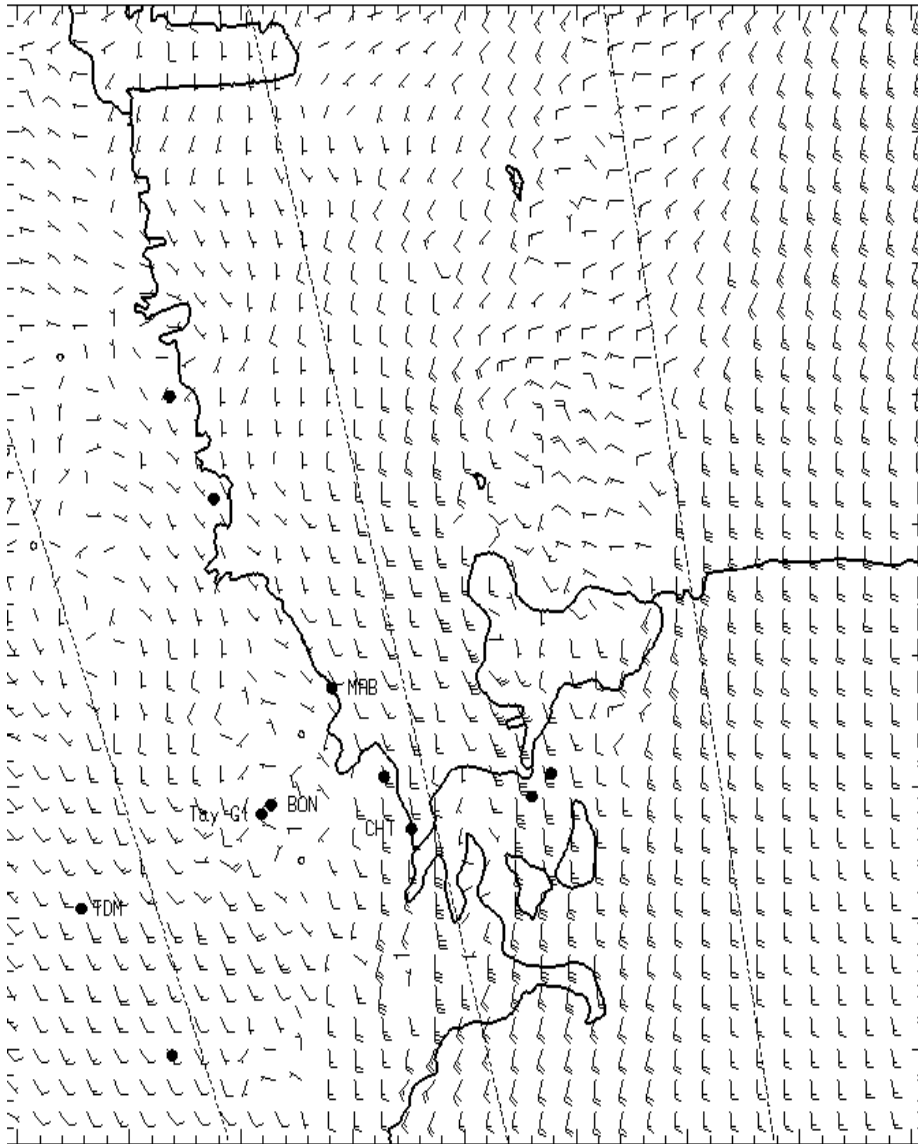


0700L

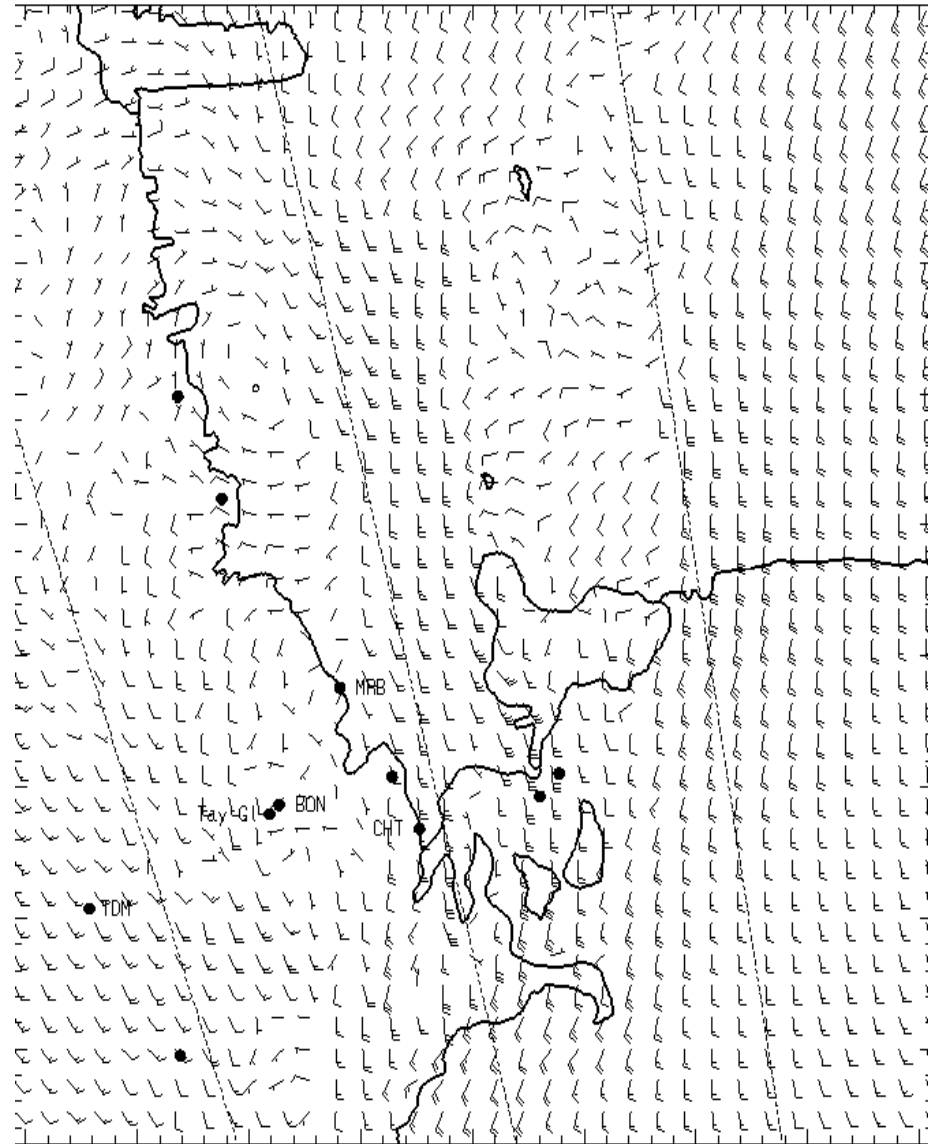


1300L

3,000 ft AGL

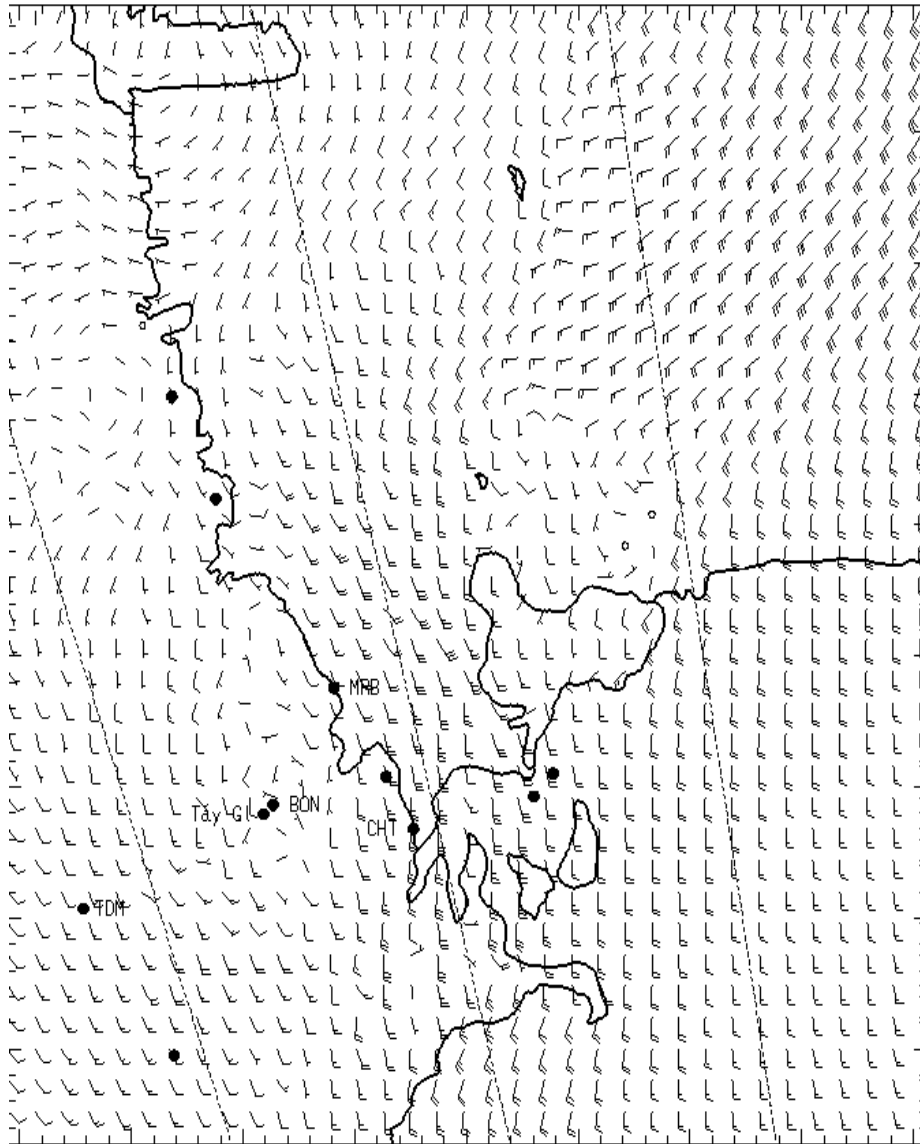


0700L

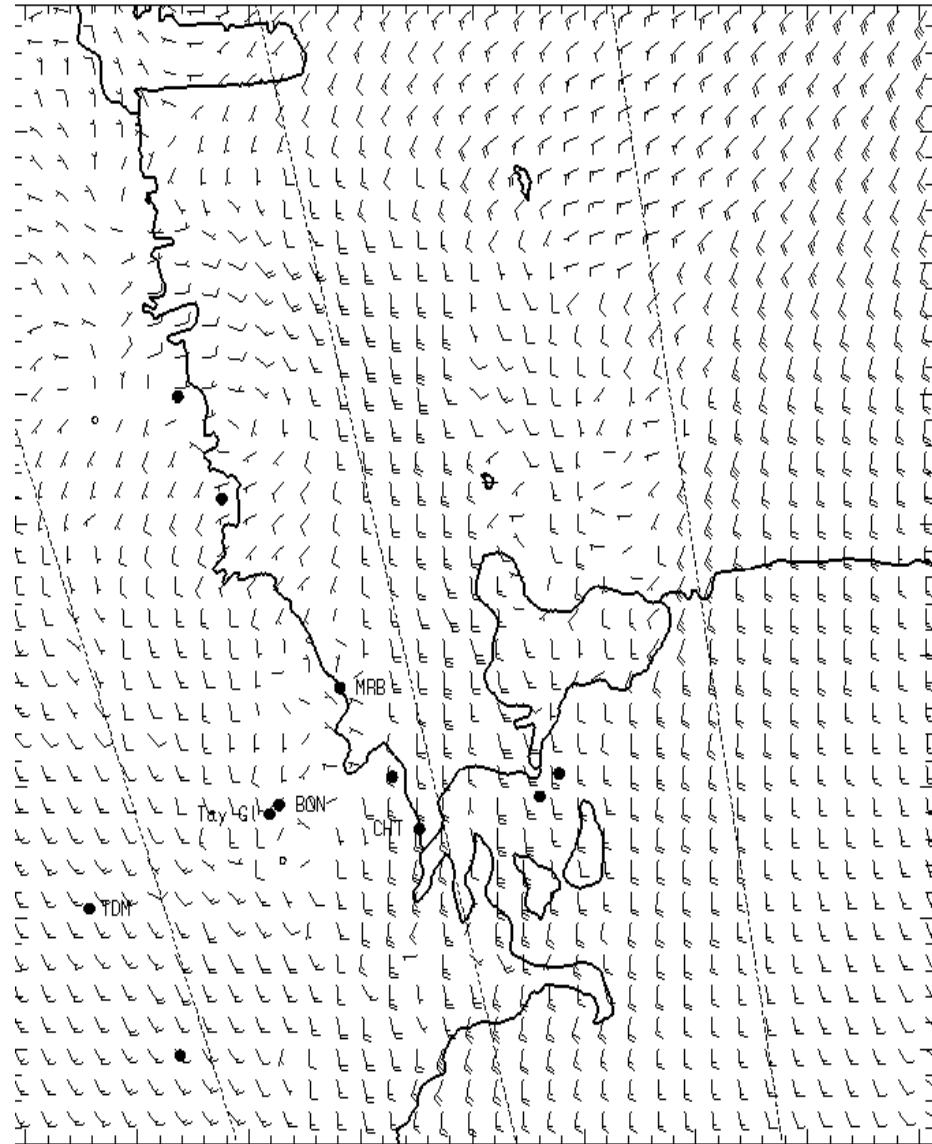


1300L

5,000 ft AGL



0700L



1300L