



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Saturday, 10 December 2022

Brief Time (L): 0615

Briefing Number: 12-10

FCSTR: Jeff Fournier

REGIONAL SUMMARY

A high pressure ridge will extend across the western Ross Ice Shelf, including the Ross Island region. Fair weather is expected, though persistent higher-level moisture will keep areas of cloud ceilings between 060 and 100 above MSL through much of the day. Surface winds will be generally below 10 KT, except 15 with gusts to 25 KT at the local capes. Marginally higher wind speeds will spread across the Black Island, the airfields, and McMurdo this afternoon.

HAZARDS

Light to occasionally moderate turbulence is possible at the capes, and at Black Island this afternoon. Trace to light rime icing possible in clouds.

LATEST MCMURDO OBSERVATION

METAR ZCMA 091459Z AUTO 10007KT 9999 SKC M07/M13 A2888 RMK AO2 SLP785 GRID27007KT=

RUNWAY TAFS

TAF NZFX 091457Z 0915/1015 (1004/1104NZDT) VRB06KT 9999 SCT050 BKN200 QNH2883INS
BECMG 0922/0924 (1011/1013) 16014KT 9999 DRSN SCT070 BKN200 QNH2877INS GRID33014KT
BECMG 1006/1008 (1019/1021) 30006KT 9999 NSW SCT070 BKN200 QNH2870INS GRID11006KT

TAF NZWD 091457Z 0915/1015 (1004/1104NZDT) VRB04KT 9999 SCT050 BKN200 QNH2877INS
BECMG 1006/1008 (1019/1021) 09010KT 9999 SCT070 BKN200 QNH2869INS GRID26010KT

MCMURDO HELIPAD FORECAST (VALID TIME: 10/0600L – 10/1800L)

SFC WIND (TRUE): 07010
SFC VISIBILITY (SM): 9999
SKY CONDITION (AGL): SCT060 BKN200
MIN ALSTG: 2884INS
HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 10/0600L – 10/1800L)

MARBLE POINT

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): FEW020 BKN060 BKN120
MIN ALSTG: 2865INS
HAZARDS: NIL

SCOTT BASE

SFC WIND (TRUE): VRB06KT BECMG 06012, AFT 08L

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): FEW020 BKN060 BKN180

MIN ALSTG: 2868INS

HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): VRB06KT, BECMG 18020G25KT AFT 12L

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): FEW010 BKN070 BKN 150

MIN ALSTG: 2867INS

HAZARDS: LGT OCNL MOD TURBC SFC-015 AFT 12L

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): FEW100

MIN ALSTG: 2875INS

HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): FEW050

MIN ALSTG: 2869INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 20010G15KT, BECMG VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): SKC

MIN ALSTG: 2868INS

HAZARDS: NIL

CAPE CROZIER

SFC WIND (TRUE): 20015G25KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): BKN050

MIN ALSTG: 2870INS

HAZARDS: LGT OCNL MOD TURBC SFC-025

CAPE ROYDS

SFC WIND (TRUE): 17015G25KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): BKN050

MIN ALSTG: 2870INS

HAZARDS: LGT OCNL MOD TURBC SFC-025

HJORTH HILL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR, TEMPO 1-2 IN BR 06-12L

SKY CONDITION (AGL): SCT-BKN060

MIN ALSTG: 2867INS

HAZARDS: TRACE RIME ICG IN BR 06-12L

HOOPERS SHOULDER

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR, TEMPO 1-2 IN BR 11-18L

SKY CONDITION (AGL): FEW000 (STATION AT OR ABOVE CLOUD LEVEL) FROM 12-20L

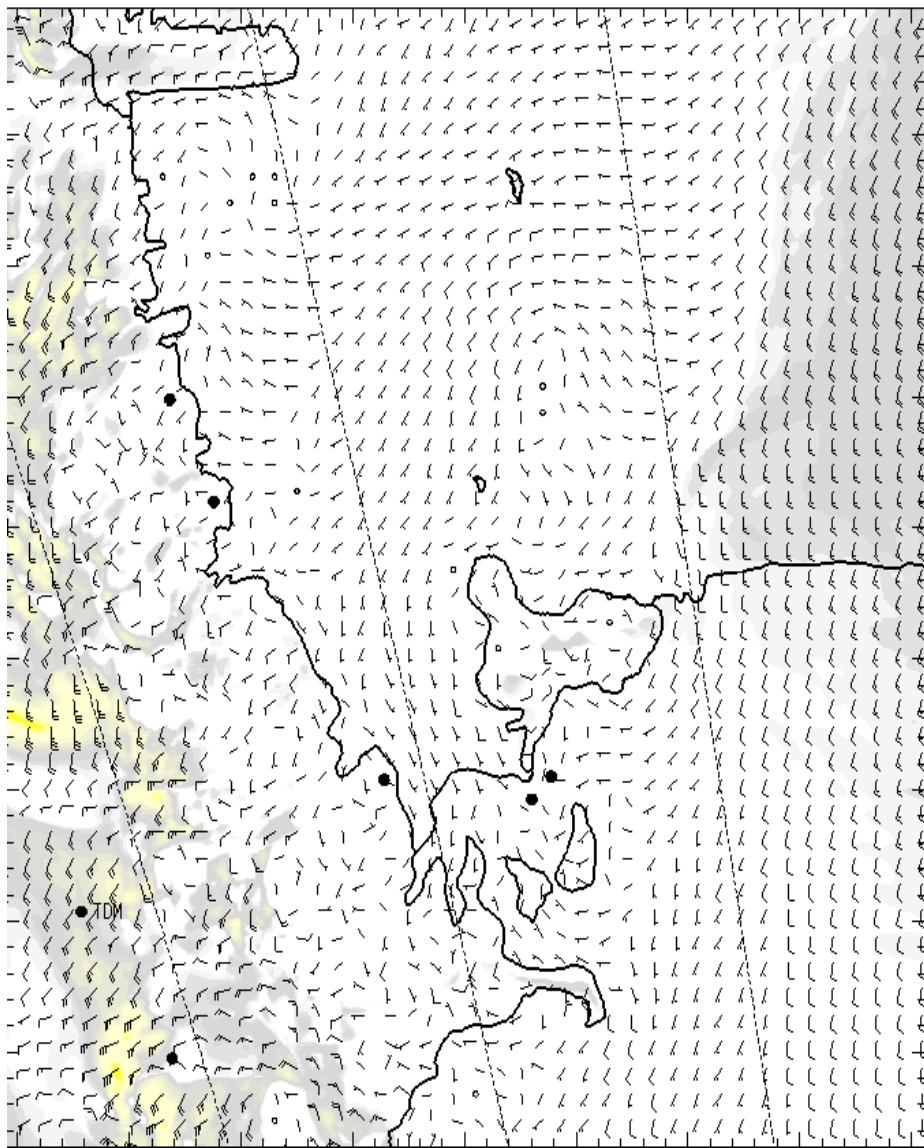
MIN ALSTG: 2845INS

HAZARDS: OCNL LGT RIME ICG IN CLOUD

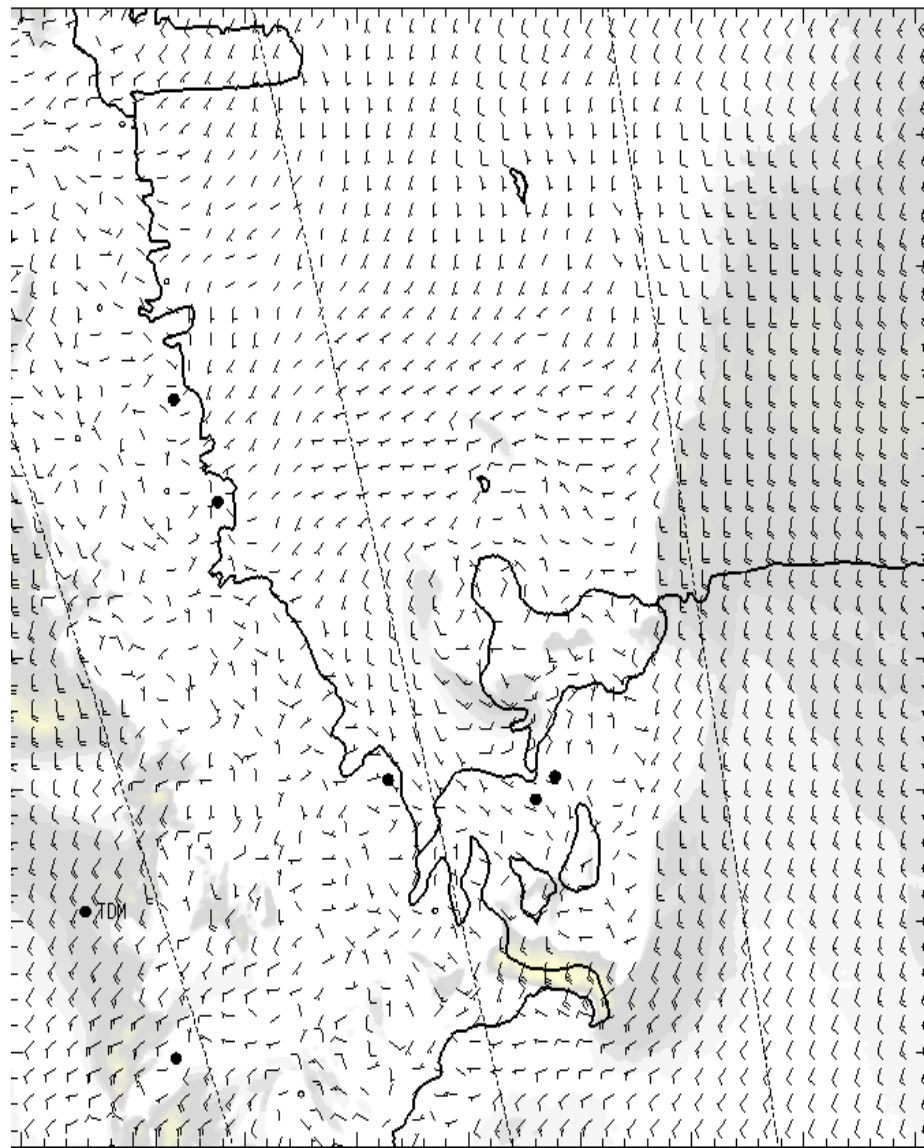
NIGHT AREA OUTLOOKS (VALID TIME: 10/1800L – 11/0600L)

NIL

SFC

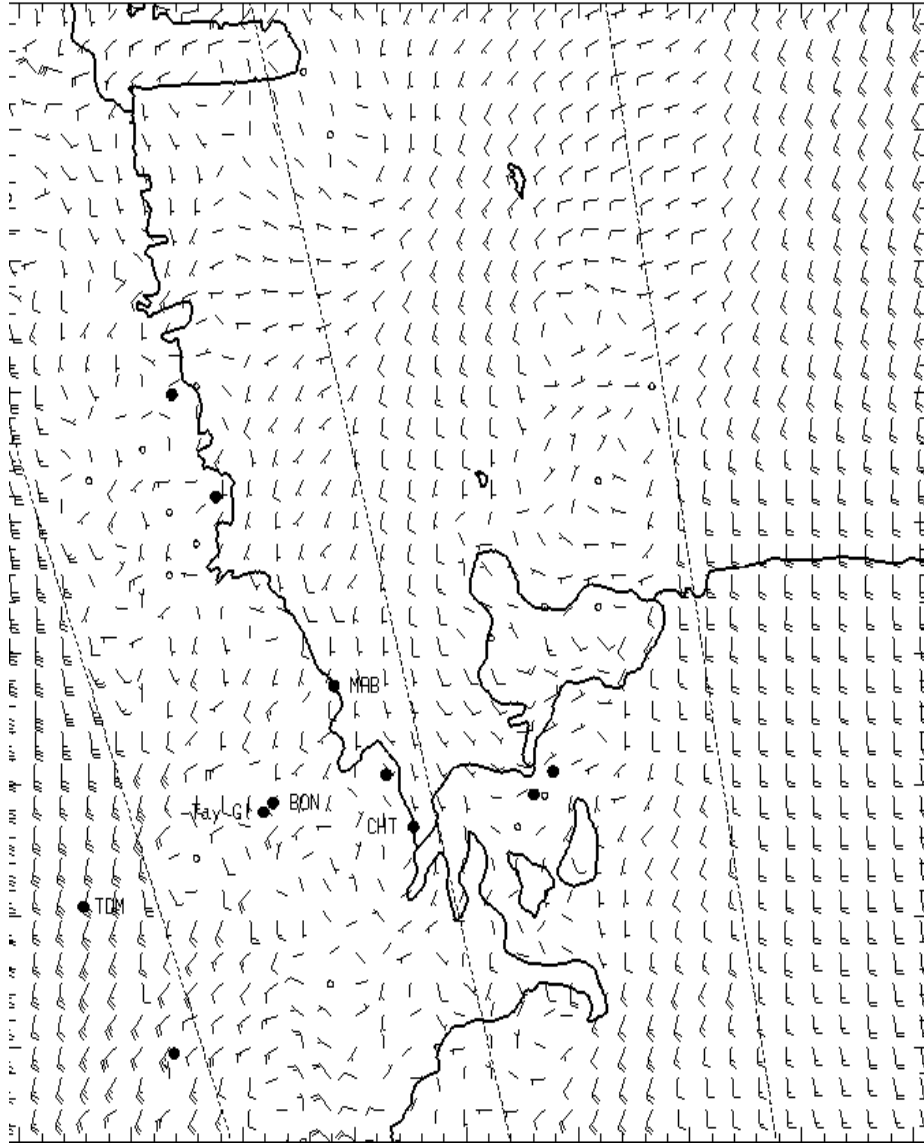


0700L

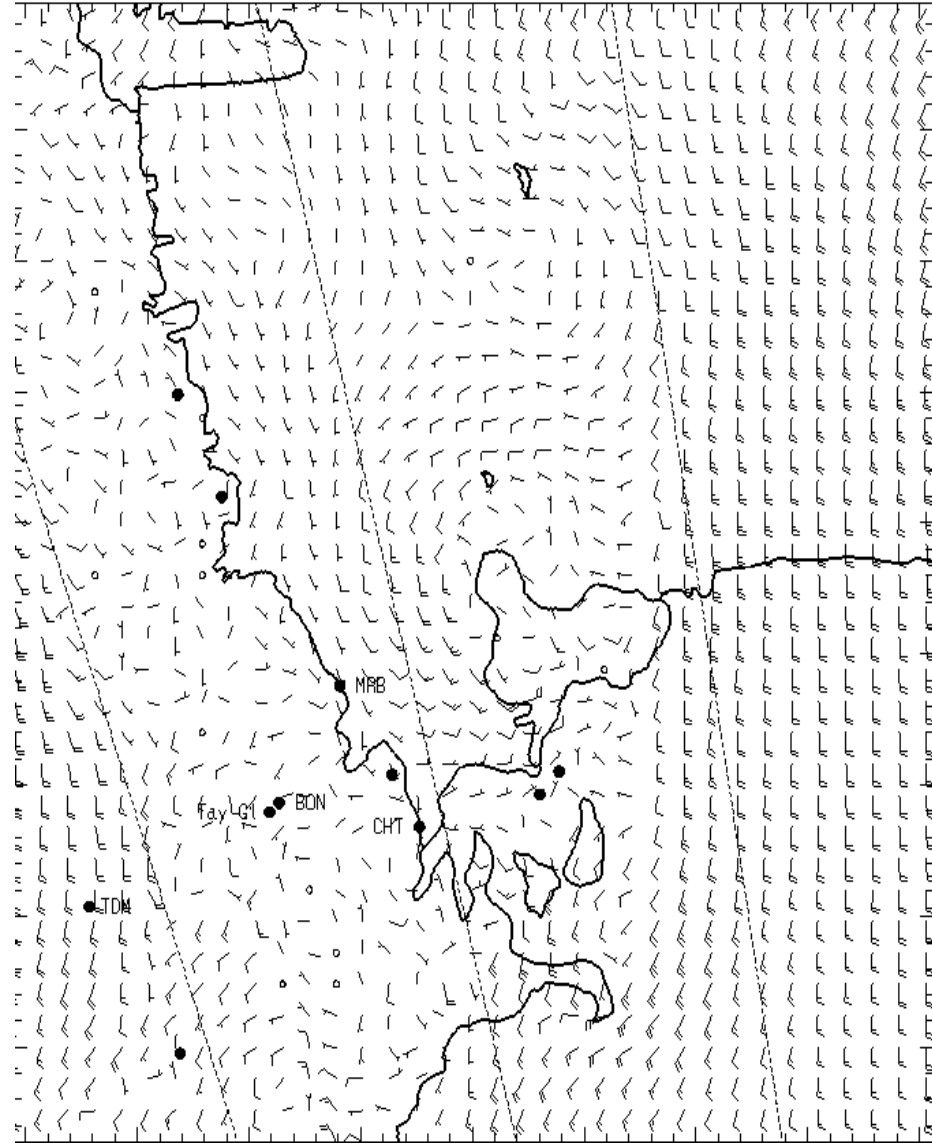


1300L

1,000 ft AGL

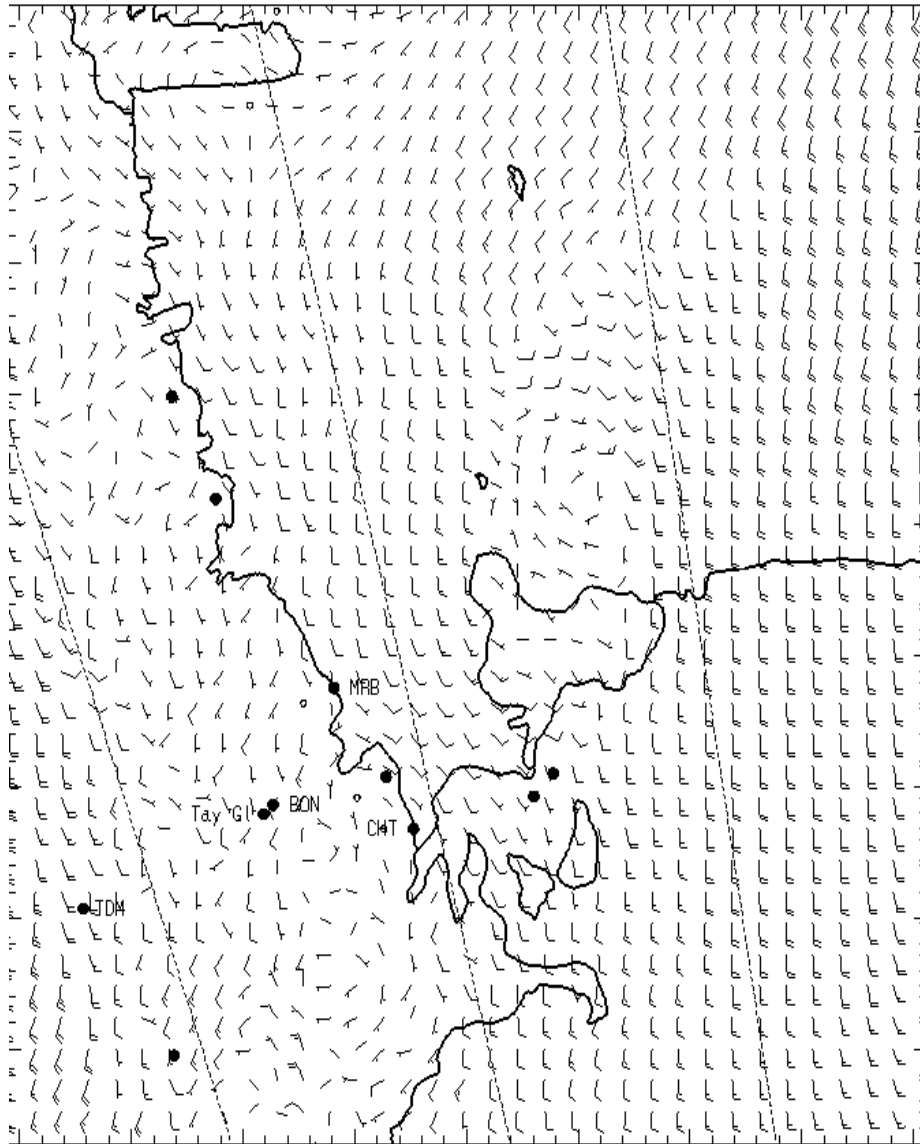


0700L

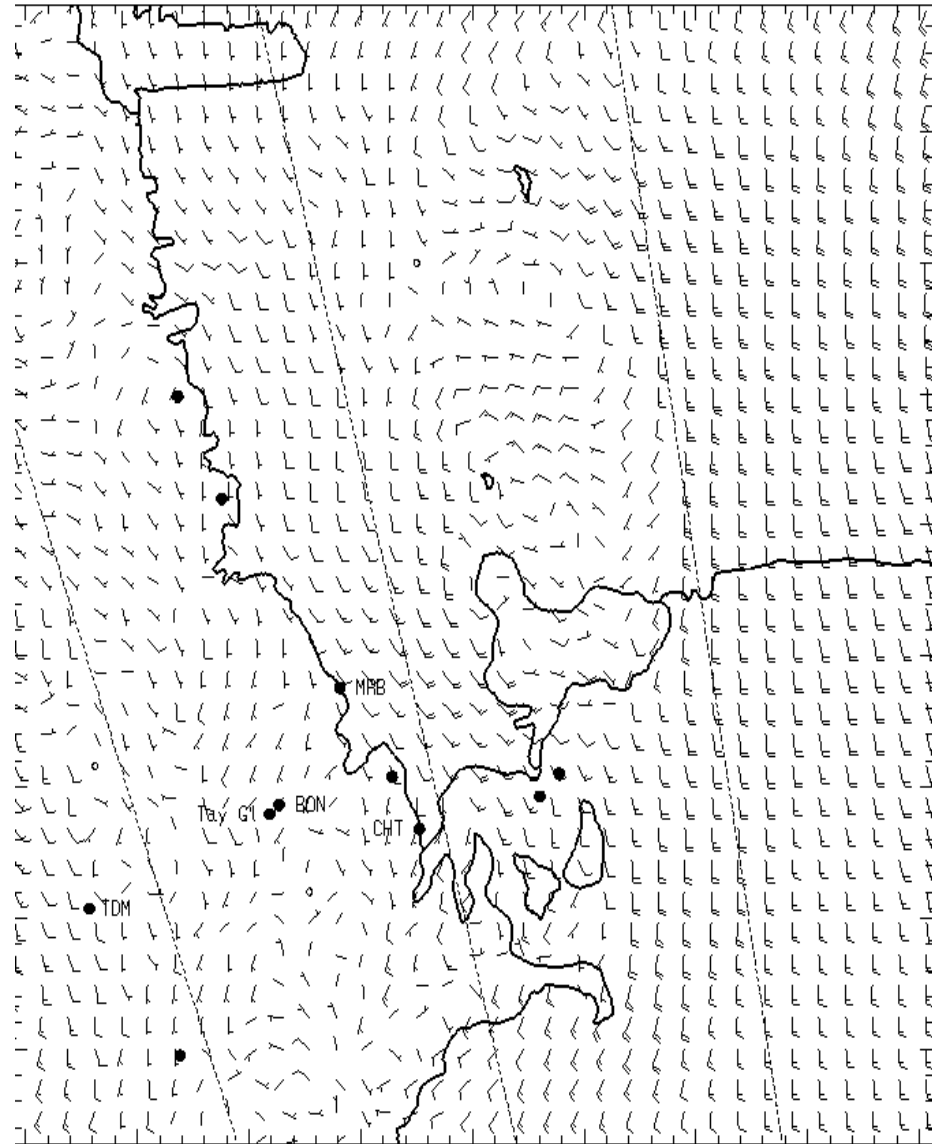


1300L

3,000 ft AGL

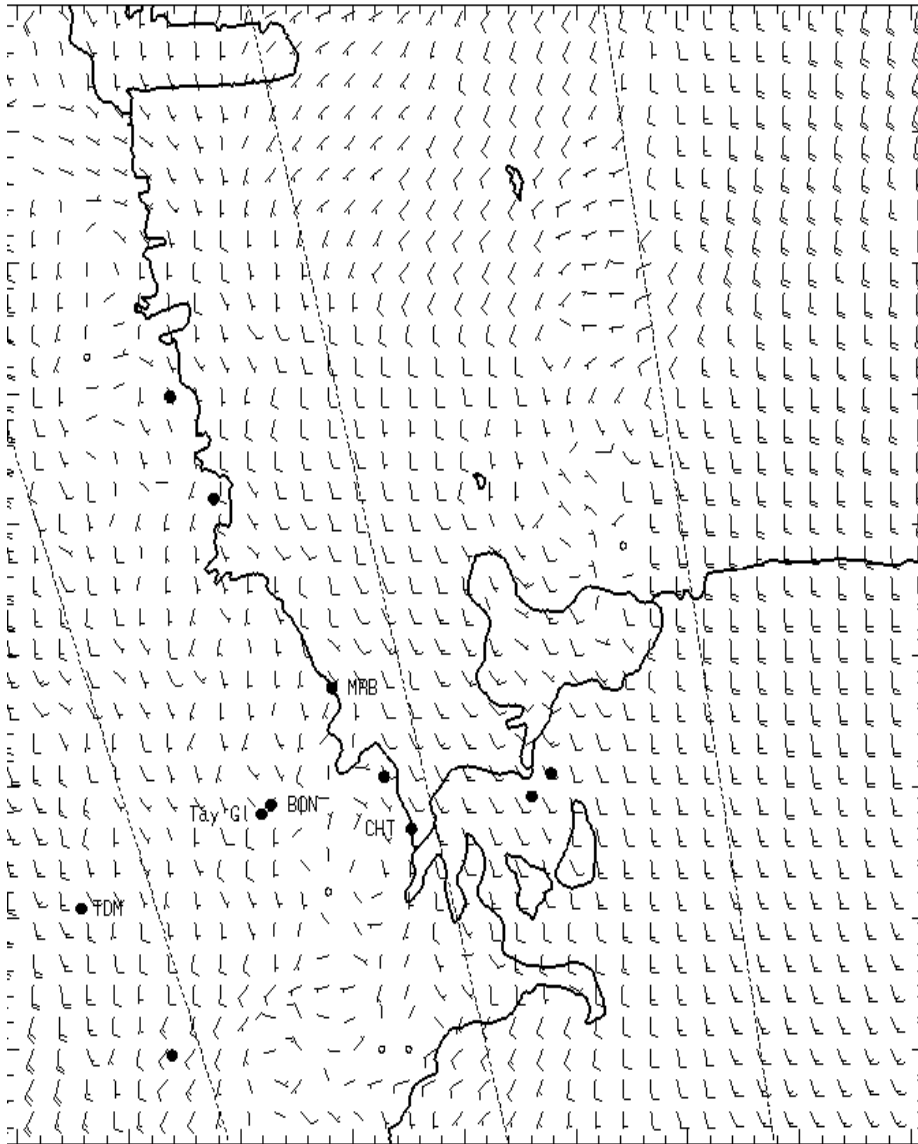


0700L

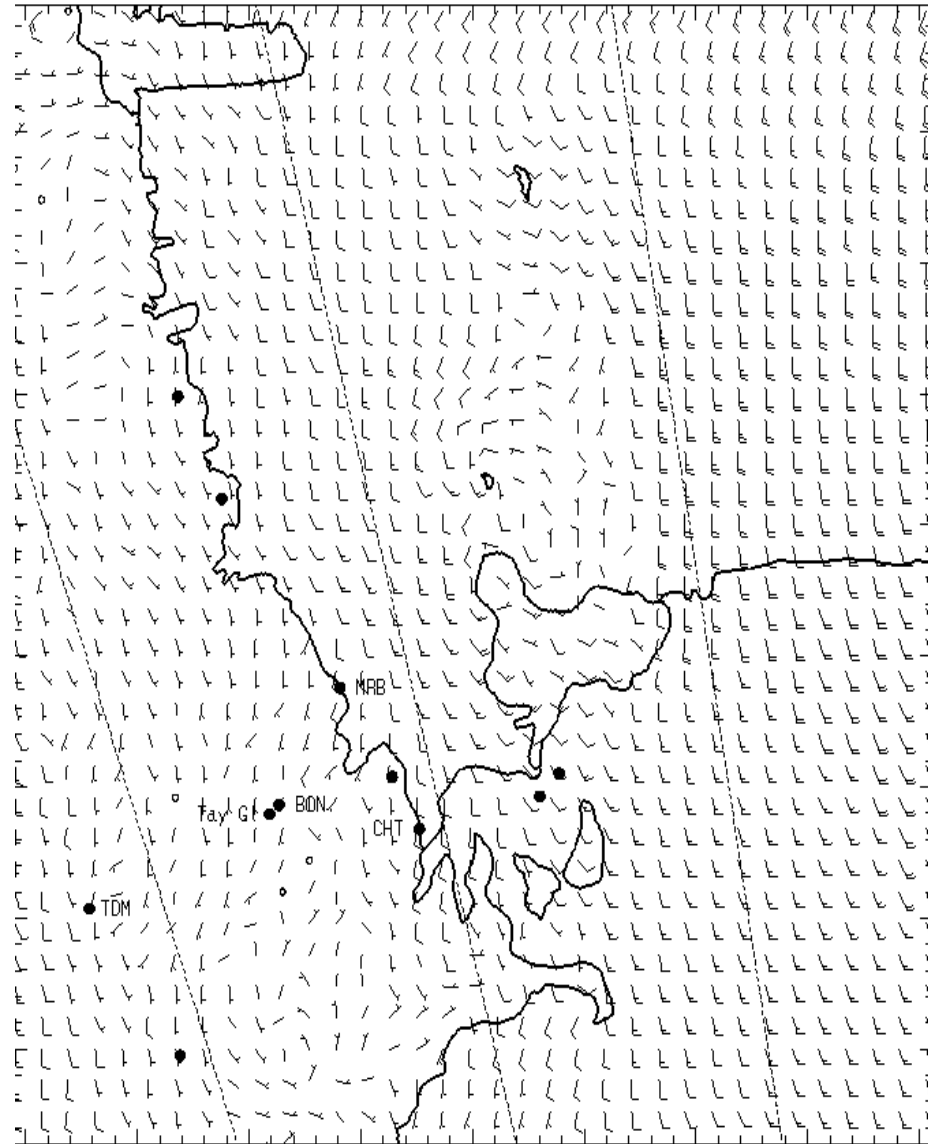


1300L

5,000 ft AGL



0700L



1300L