



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Thursday 17 November 2022

Brief Time (L): 0615

Briefing Number: 11-15

FCSTR: John Meyer

REGIONAL SUMMARY

A strong low pressure system is entering the Ross Sea to the north of Ross Island. While the system will merely sideswipe Ross Island, it will increase the winds in and around McMurdo Sound and create turbulent conditions at many unsheltered locations. This system will only bring some higher clouds to the area, with the only real threat being wind increasing through the day and lasting into the night.

HAZARDS

Light turbulence in the lower levels at exposed terrain locations.

LATEST MCMURDO OBSERVATION

METAR ZCMA 161644Z AUTO 11015G19KT 080V150 9999 SKC M18/M24 A2907 RMK AO2 SLP850 GRID28015G19KT 250V320=

RUNWAY TAFS

TAF NZFX 161456Z 1615/1715 (1704/1804NZDT) 05008KT 9999 FEW200 QNH2904INS GRID22008KT
BECMG 1700/1702 (1713/1715) 06016KT 9999 FEW020 SCT200 QNH2912INS GRID23016KT

TAF NZWD 161456Z 1615/1715 (1704/1804NZDT) 07008KT 9999 FEW200 QNH2906INS GRID24008KT
BECMG 1623/1701 (1712/1714) 07017KT 9999 SCT020 BKN200 QNH2916INS GRID24017KT

MCMURDO HELIPAD FORECAST (VALID TIME: 17/0600L – 17/1800L)

SFC WIND (TRUE): 09020G24KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW200

MIN ALSTG: 2897INS

HAZARDS: LGT TURBC SFC-030

SITE & AREA FORECASTS (VALID TIME: 17/0600L – 17/1800L)

MARBLE PT

SFC WIND (TRUE): 16014KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW200

MIN ALSTG: 2900INS

HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW200

MIN ALSTG: 2894INS

HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW200
MIN ALSTG: 2903INS
HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): 18010KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW200
MIN ALSTG: 2896INS
HAZARDS: NIL

COMMONWEALTH GLACIER

SFC WIND (TRUE): 18020KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW200
MIN ALSTG: 2895INS
HAZARDS: LGT TURBC SFC-020

ARENA VALLEY

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW200
MIN ALSTG: 2855INS
HAZARDS: NIL

CASTLE ROCK

SFC WIND (TRUE): 10020G28KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW200
MIN ALSTG: 2886INS
HAZARDS: LGT TURBC SFC-030

FORD ROCK

SFC WIND (TRUE): 12020G30KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW200
MIN ALSTG: 2896INS
HAZARDS: LGT TURBC SFC-030

TENT ISLAND

SFC WIND (TRUE): 12020G30KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW200
MIN ALSTG: 2895INS
HAZARDS: LGT TURBC SFC-040

NIGHT AREA OUTLOOKS (VALID TIME: 17/1800L – 18/0600L)

ARENA VALLEY

SFC WIND (TRUE): 21012G20KT

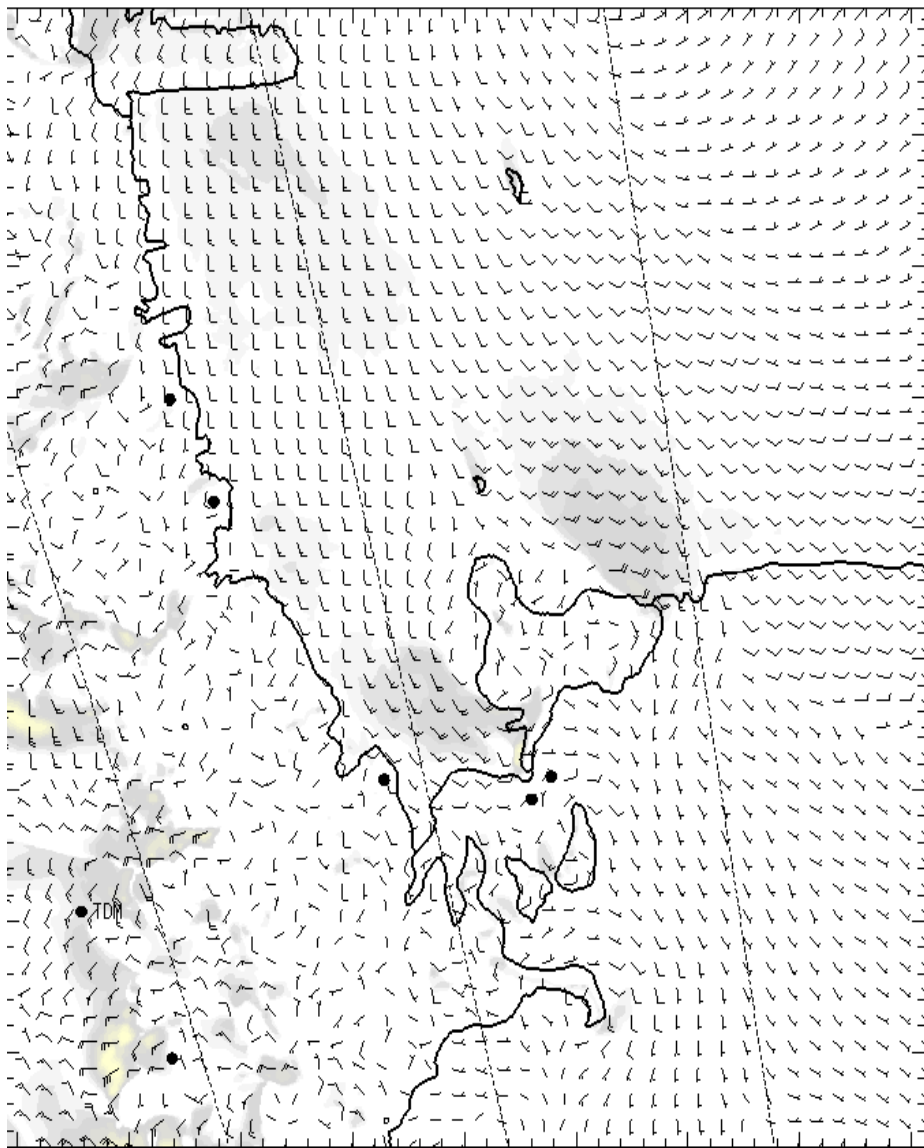
SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW200

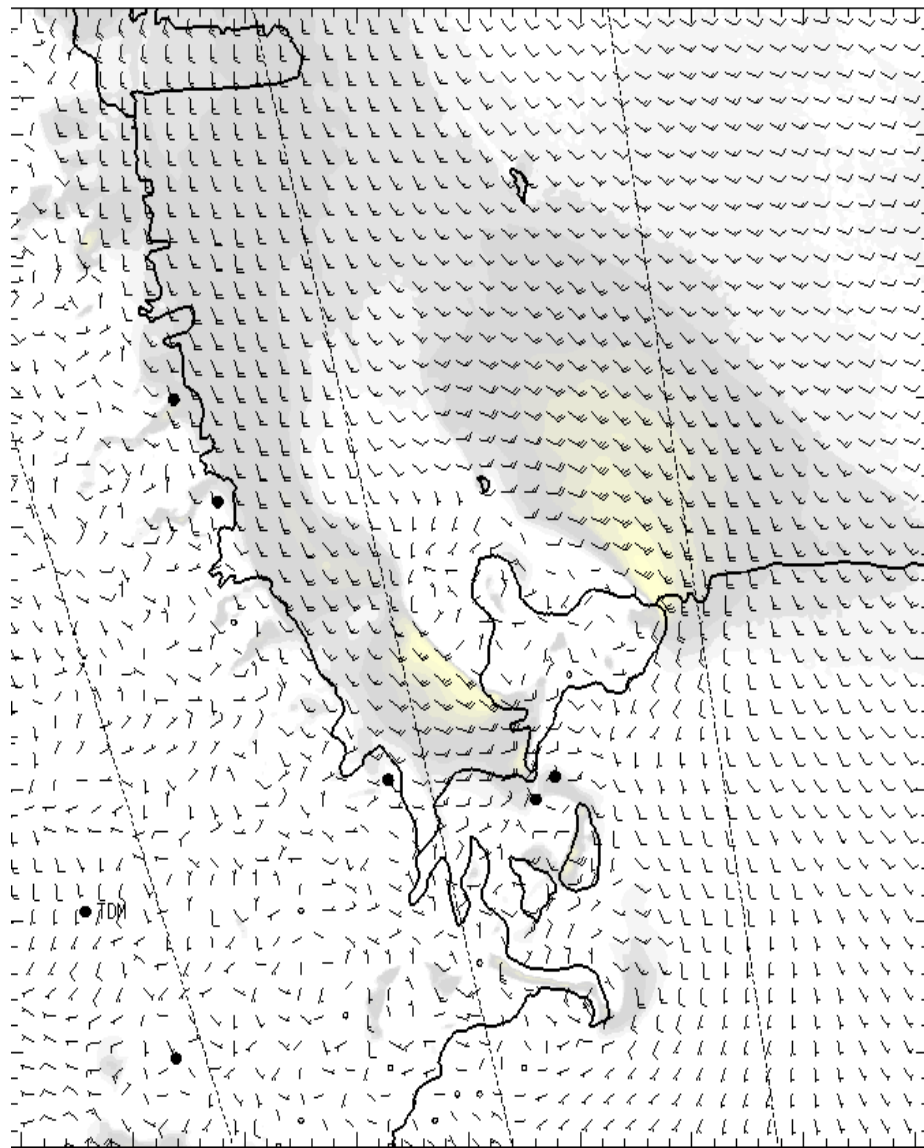
MIN ALSTG: 2866INS

HAZARDS: LGT TURBC SFC-015

SFC

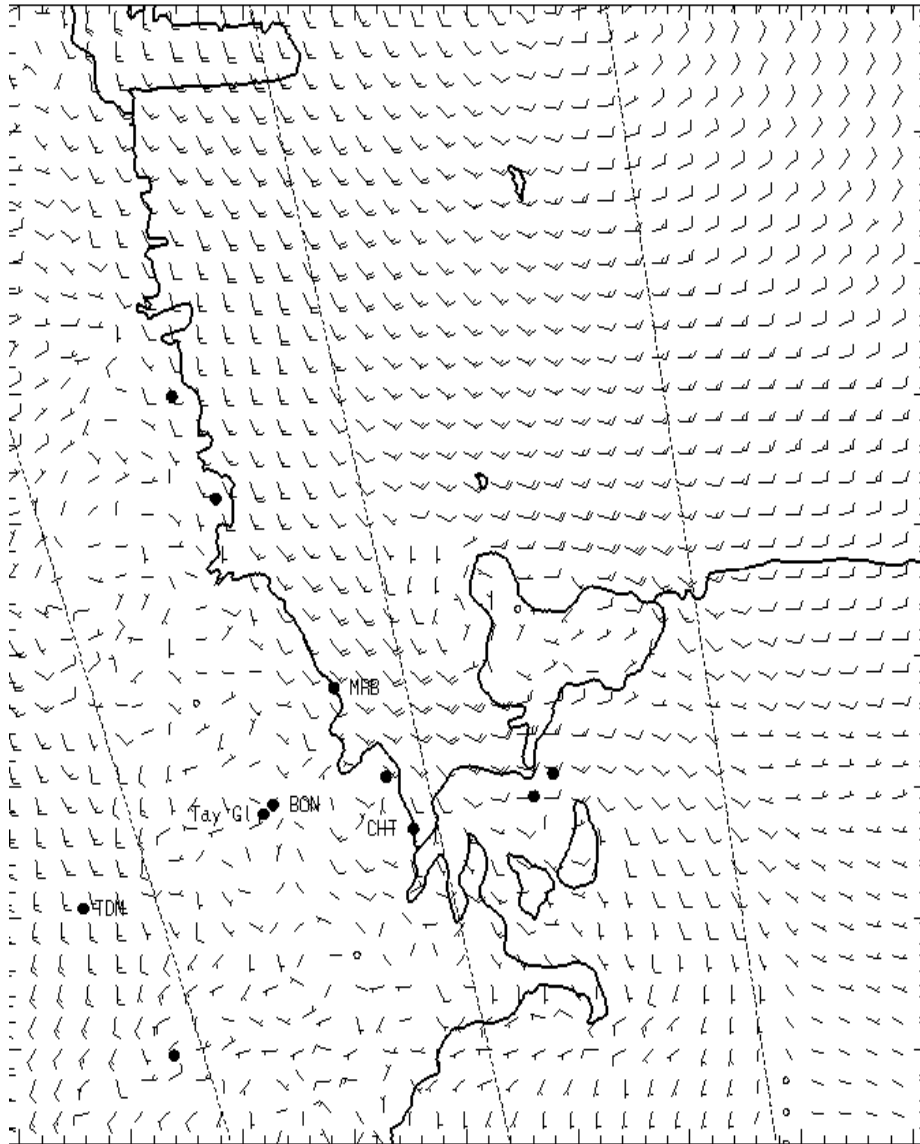


0700L

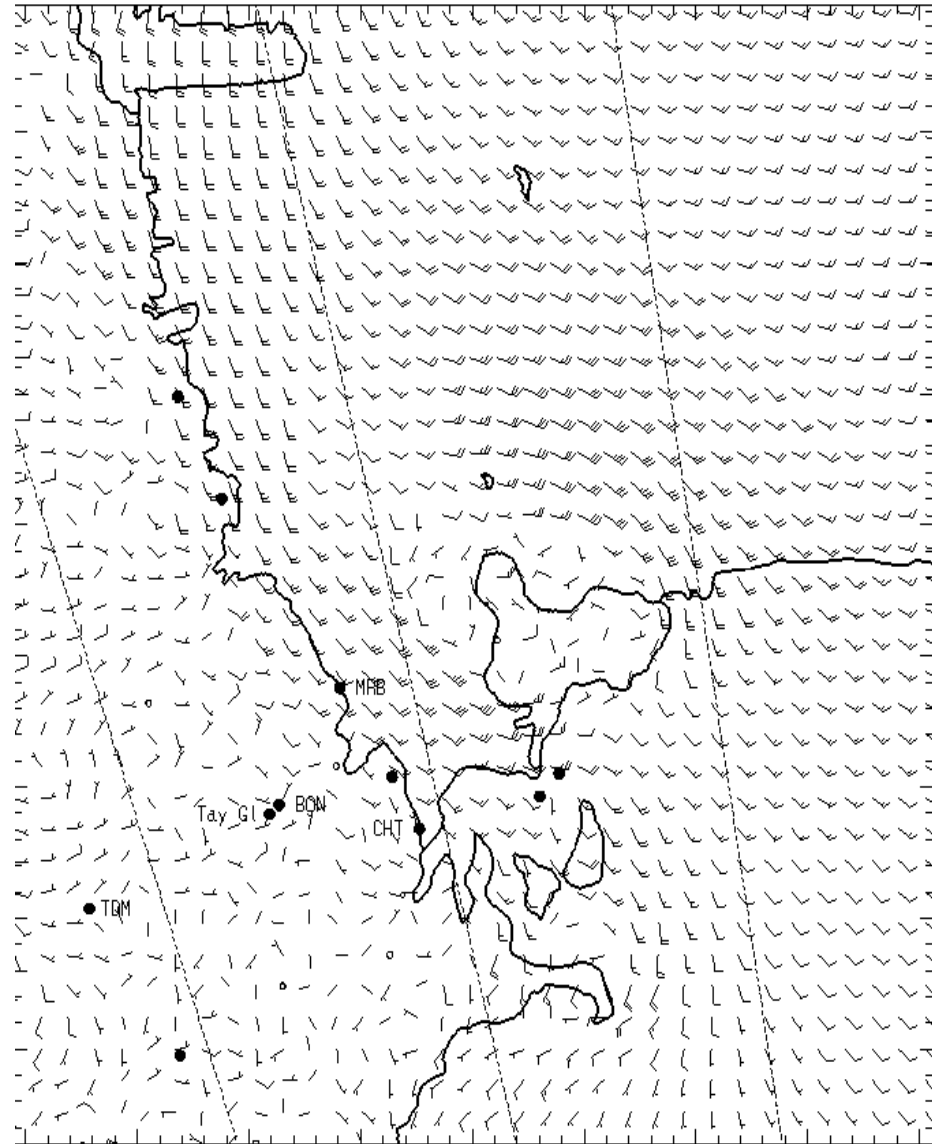


1300L

1,000 ft AGL

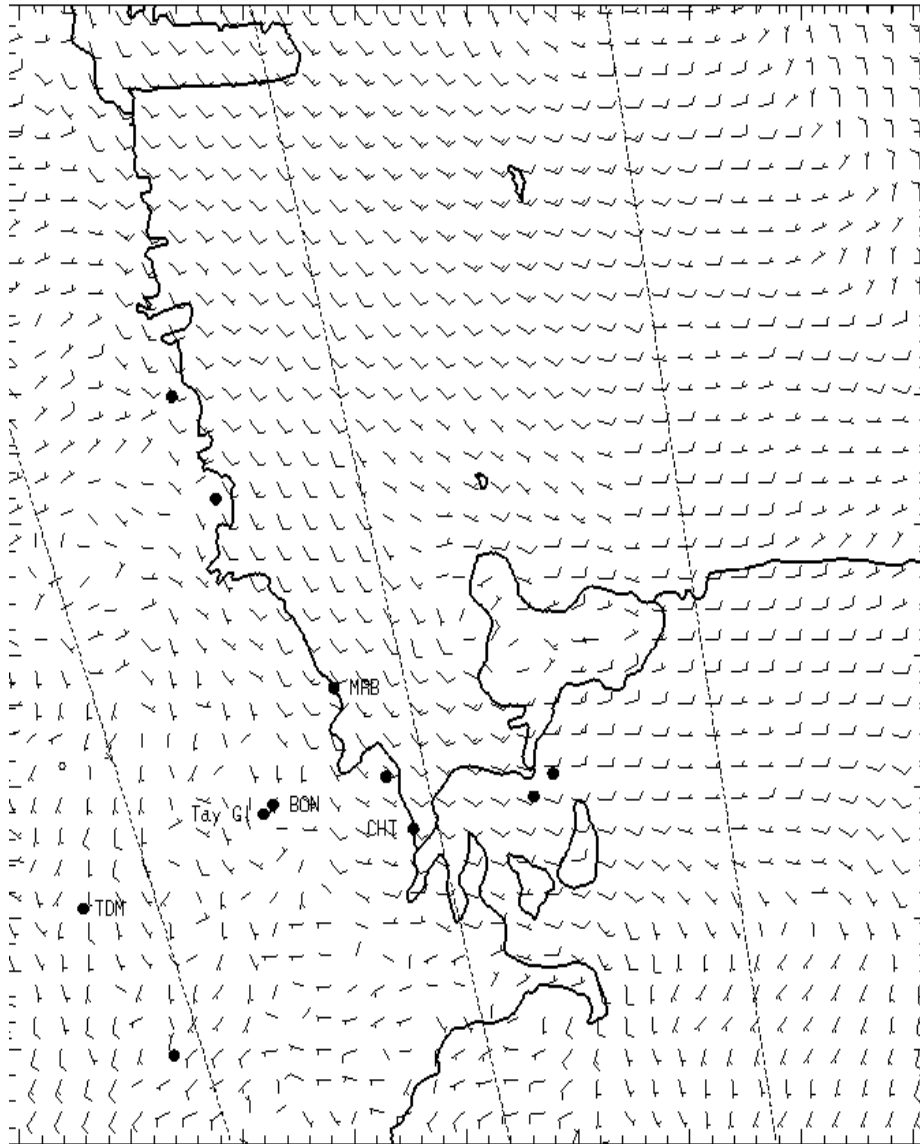


0700L

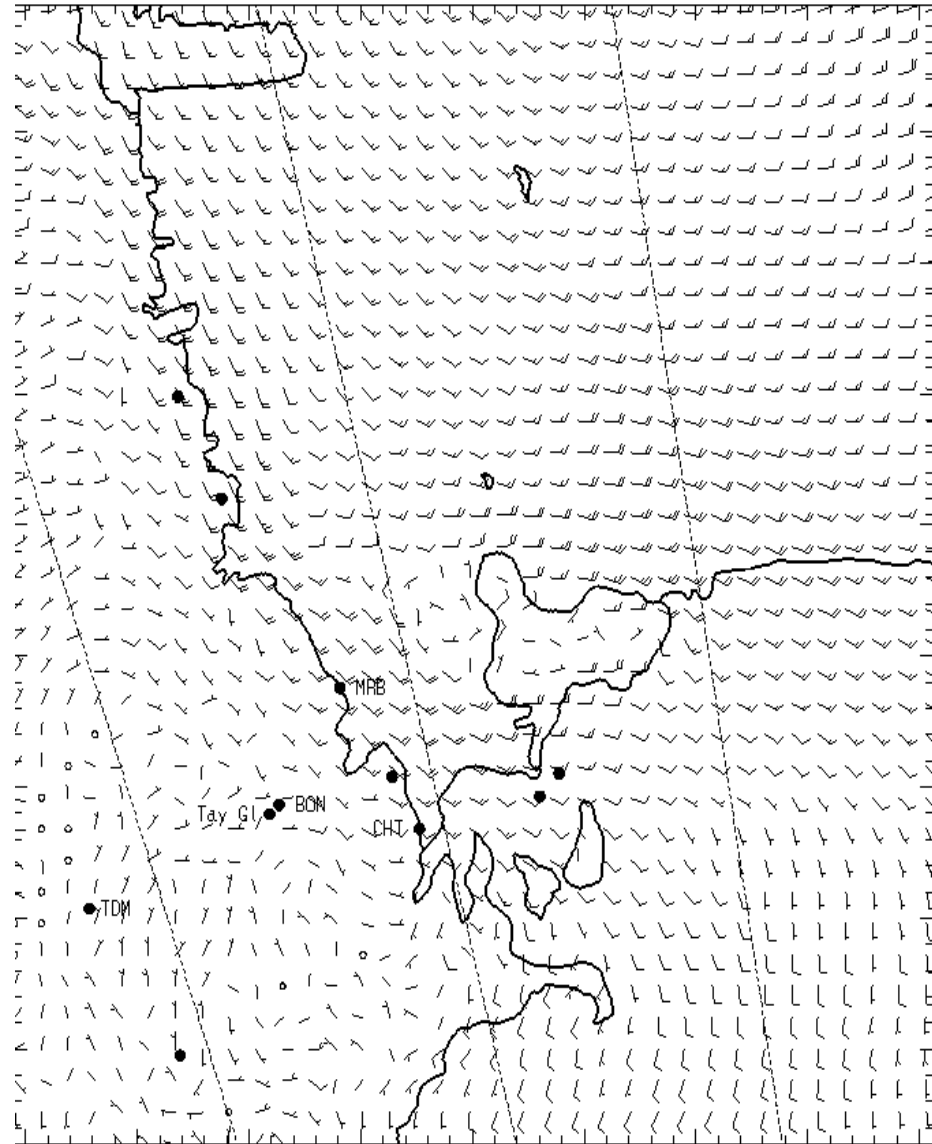


1300L

3,000 ft AGL

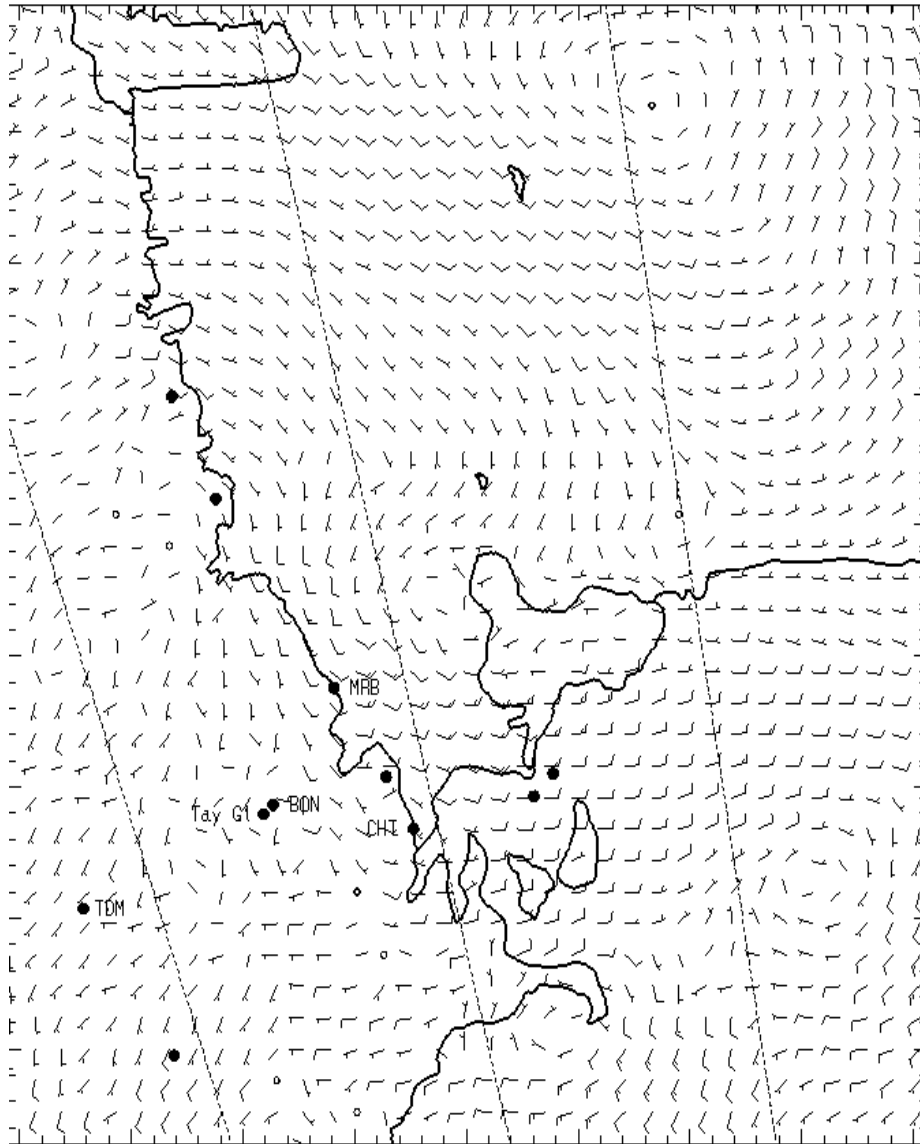


0700L

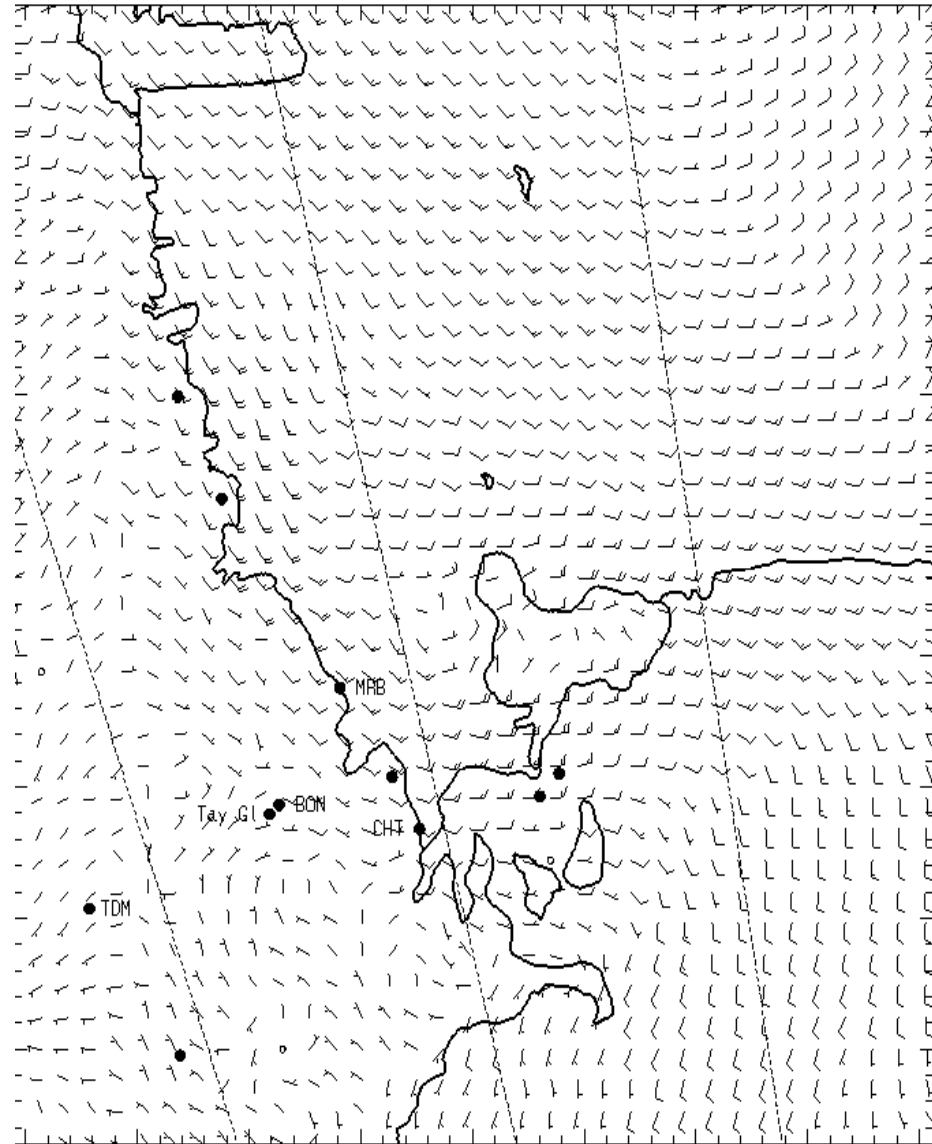


1300L

5,000 ft AGL



0700L



1300L