



HELO Weather

McMurdo Weather
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Iridium: 00 8816 7632 0030
Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Tuesday 29 November 2022

Brief Time (L): 0615

Briefing Number: 11-24

FCSTR: John Meyer

REGIONAL SUMMARY

Low pressure is covering the entire Ross Ice Shelf with moisture at various layers this morning. As the low exits to the north and east through the day, overall cloudiness will improve for the Ross Island region. The Valley locations are generally unaffected by the low, and will only likely see some higher clouds move in through the day as an upper-level ridge begins to move in from the north. Winds will be light and variable at most locations today, with a comparably light flow just above the surface.

HAZARDS

Light turbulence at a few exposed locations.

LATEST MCMURDO OBSERVATION

METAR ZCMA 281606Z AUTO 0000KT 9999 SKC M04/M14 A2909 RMK AO2 SLP855=

RUNWAY TAFS

TAF NZFX 281455Z 2815/2915 (2904/3004NZDT) VRB06KT 9999 FEW030 SCT080 BKN120 QNH2900INS
BECMG 2906/2908 (2919/2921) 21010KT 9999 FEW060 SCT120 QNH2923INS GRID02010KT

TAF NZWD 281455Z 2815/2915 (2904/3004NZDT) VRB06KT 9999 FEW030 SCT080 BKN120 QNH2900INS
BECMG 2907/2909 (2920/2922) 20008KT 9999 FEW080 SCT120 QNH2921INS GRID01008KT

MCMURDO HELIPAD FORECAST (VALID TIME: 29/0600L – 29/1800L)

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW030 SCT080 BKN120

MIN ALSTG: 2903INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 29/0600L – 29/1800L)

SCOTT BASE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW030 SCT080 BKN120

MIN ALSTG: 2900INS

HAZARDS: NIL

MARBLE PT

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES TEMPO 4 – 6 BR 14-17L

SKY CONDITION (AGL): SCT080 SCT150

MIN ALSTG: 2903INS

HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): 19015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW010 SCT060 BKN100

MIN ALSTG: 2907INS

HAZARDS: LGT TURBC SFC-030

F6

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT150

MIN ALSTG: 2905INS

HAZARDS: NIL

GRANITE HARBOR

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES TEMPO 4 – 6 BR 15-18L

SKY CONDITION (AGL): SCT080 BKN150

MIN ALSTG: 2900INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT150

MIN ALSTG: 2900INS

HAZARDS: NIL

WLLB

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT150

MIN ALSTG: 2900INS

HAZARDS: NIL

BOHNER SG

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT120

MIN ALSTG: 2899INS

HAZARDS: NIL

LAWSON SG

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT120
MIN ALSTG: 2896INS
HAZARDS: NIL

CAPE BIRD

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT150
MIN ALSTG: 2899INS
HAZARDS: NIL

ARENA VALLEY

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT100
MIN ALSTG: 2876INS
HAZARDS: LGT TURBC SFC-010

VERNIER VALLEY

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT080
MIN ALSTG: 2879INS
HAZARDS: NIL

CAPE CROZIER, (And local ice edge)

SFC WIND (TRUE): VRB06KT BECMG 18015KT AFT 15L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW030 SCT080 BKN120
MIN ALSTG: 2905INS
HAZARDS: NIL

CAPE ROYDS

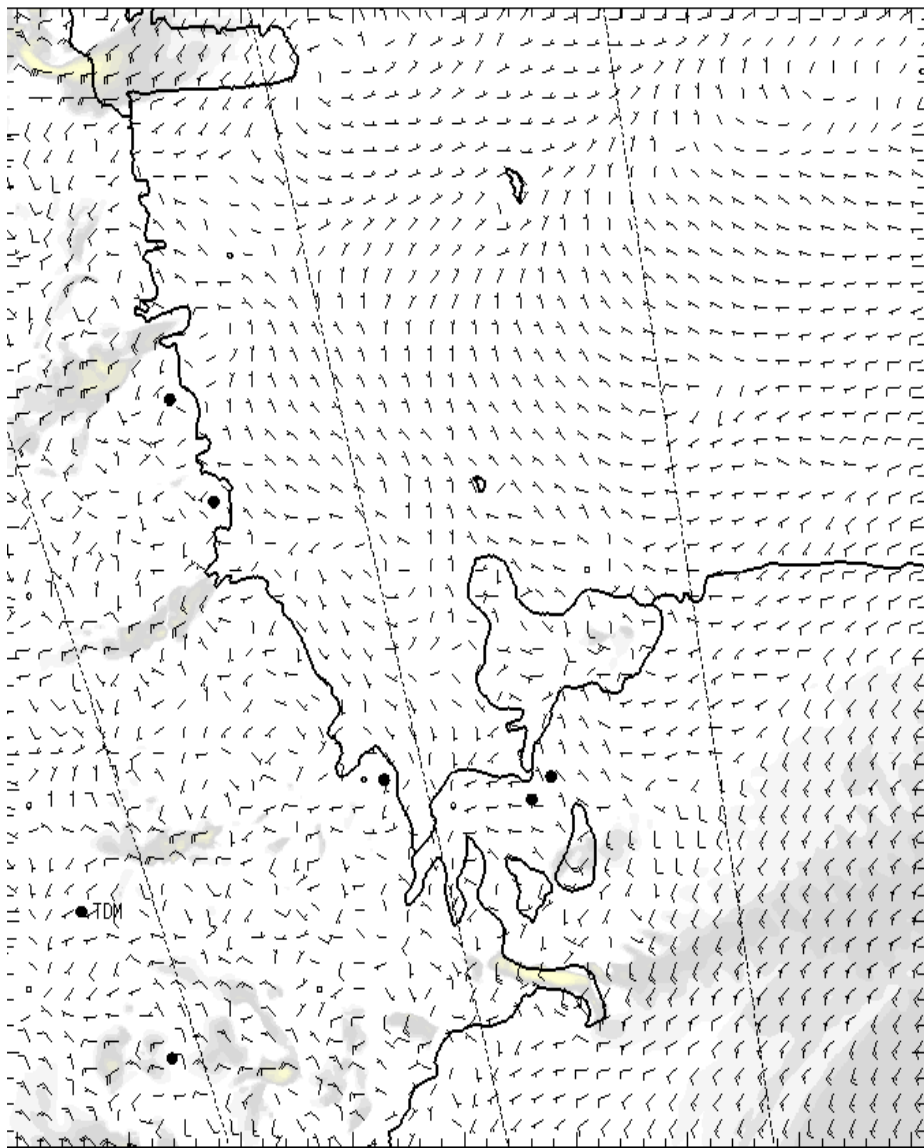
SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT150
MIN ALSTG: 2901INS
HAZARDS: LGT TURBC SFC-030

NIGHT AREA OUTLOOKS (VALID TIME: 29/1800L – 30/0600L)

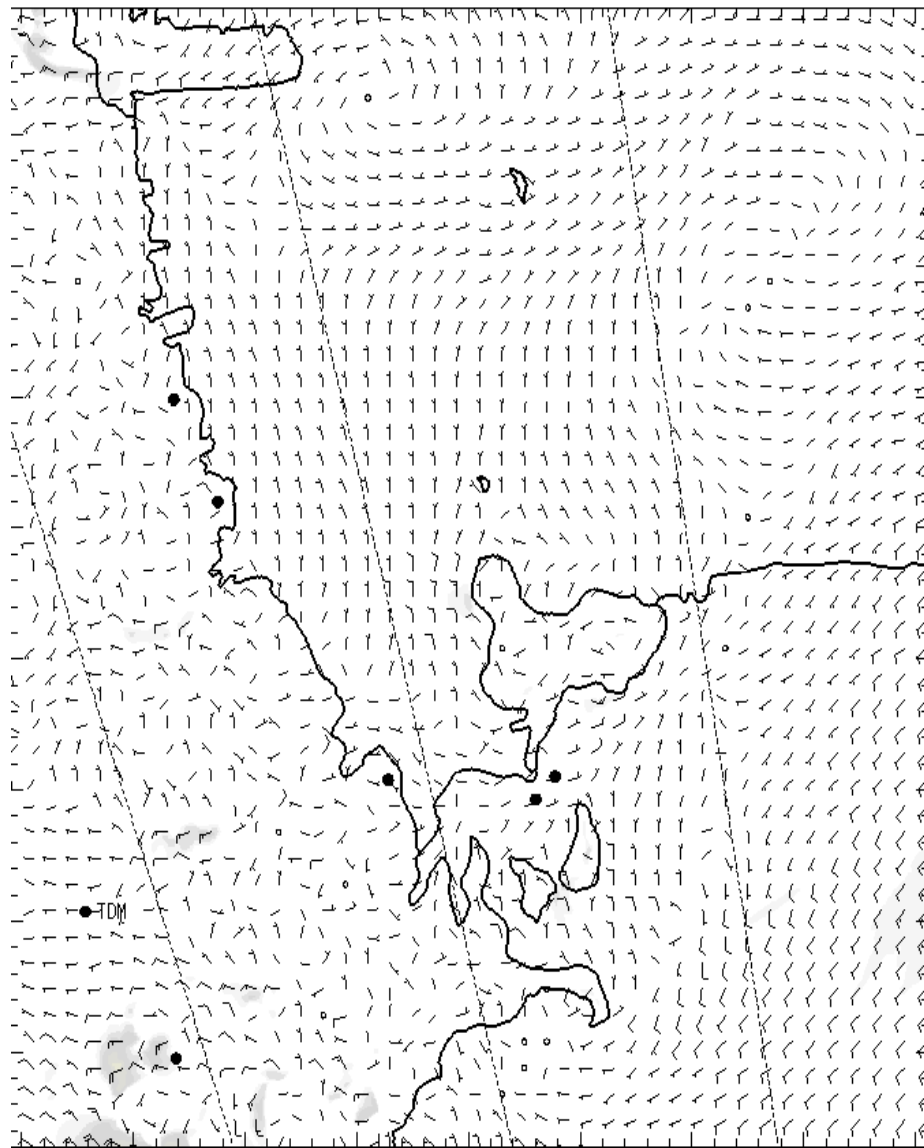
OLYMPUS RANGE

SFC WIND (TRUE): VRB06KT BECMG 24012KT AFT 01L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT100
MIN ALSTG: 2893INS
HAZARDS: LGT TURBC SFC-020

SFC

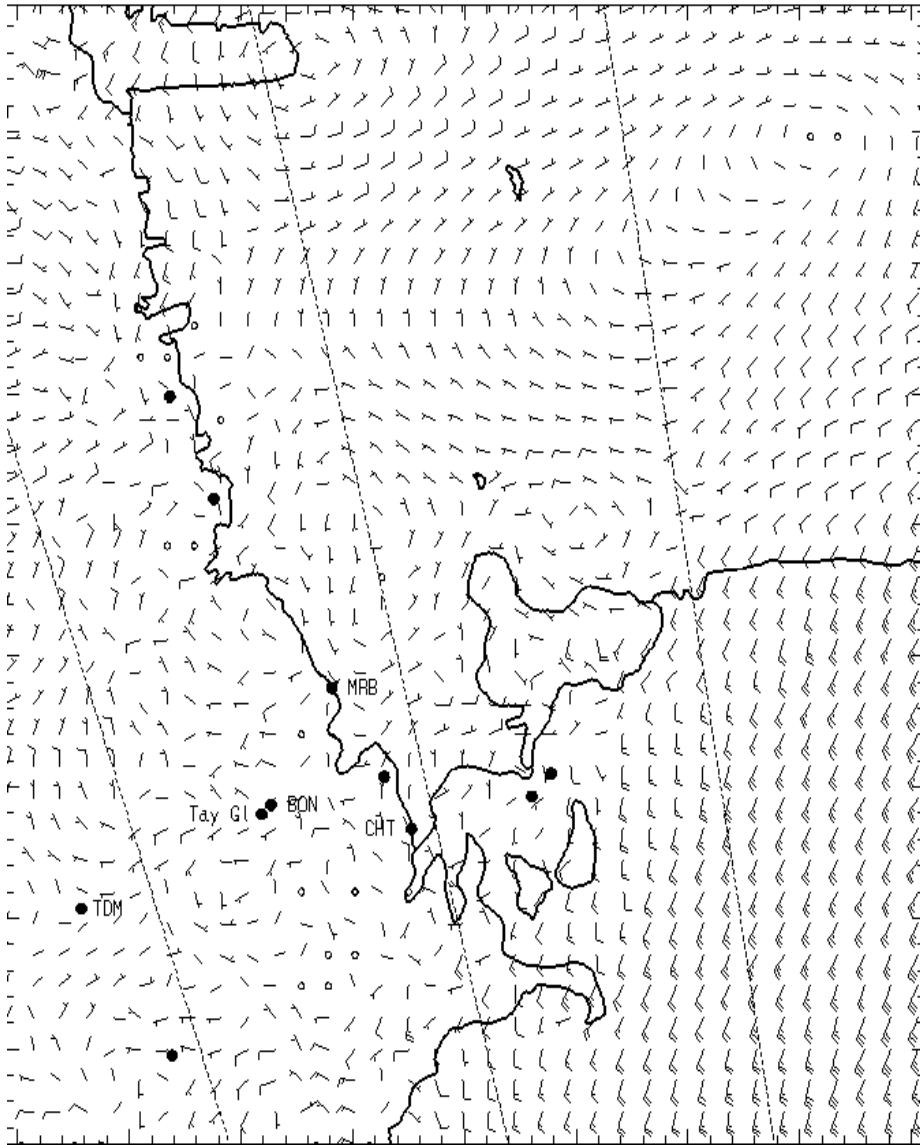


0700L

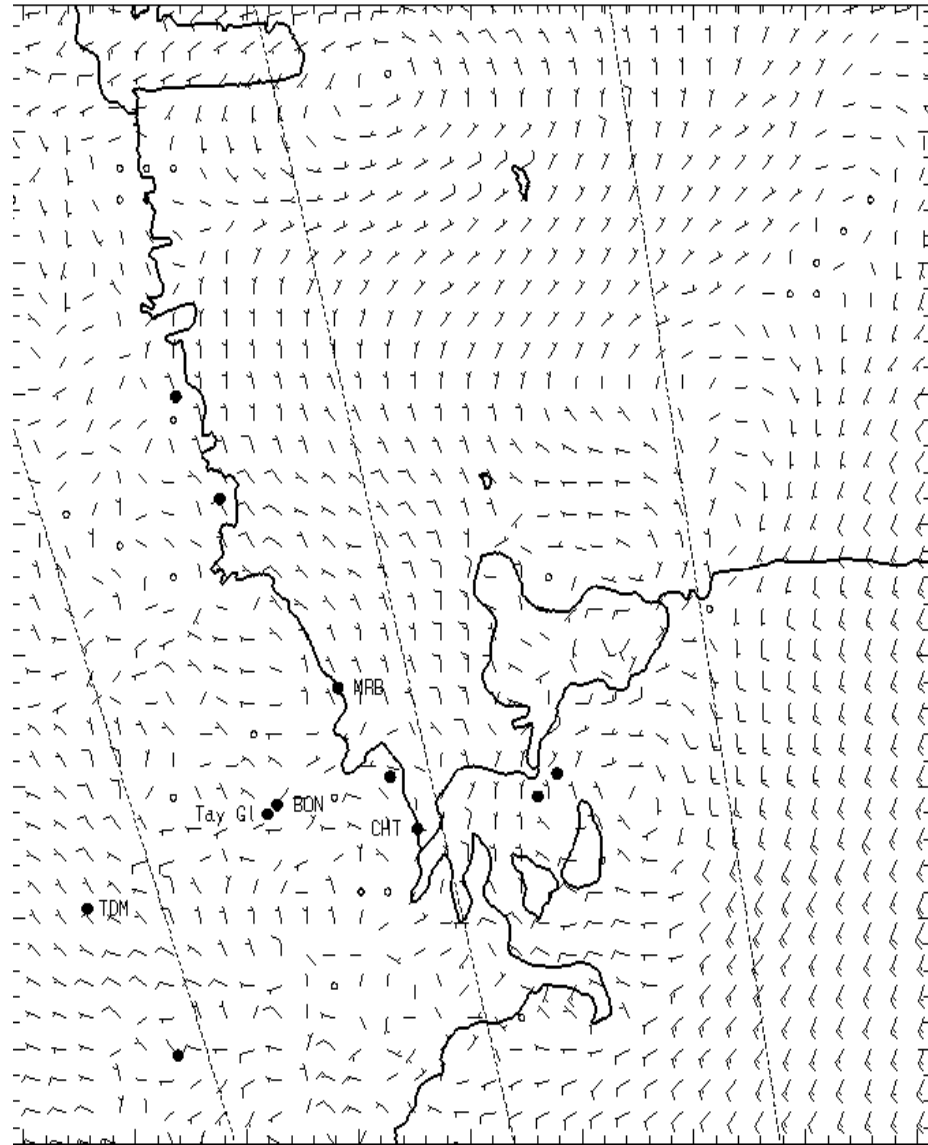


1300L

1,000 ft AGL

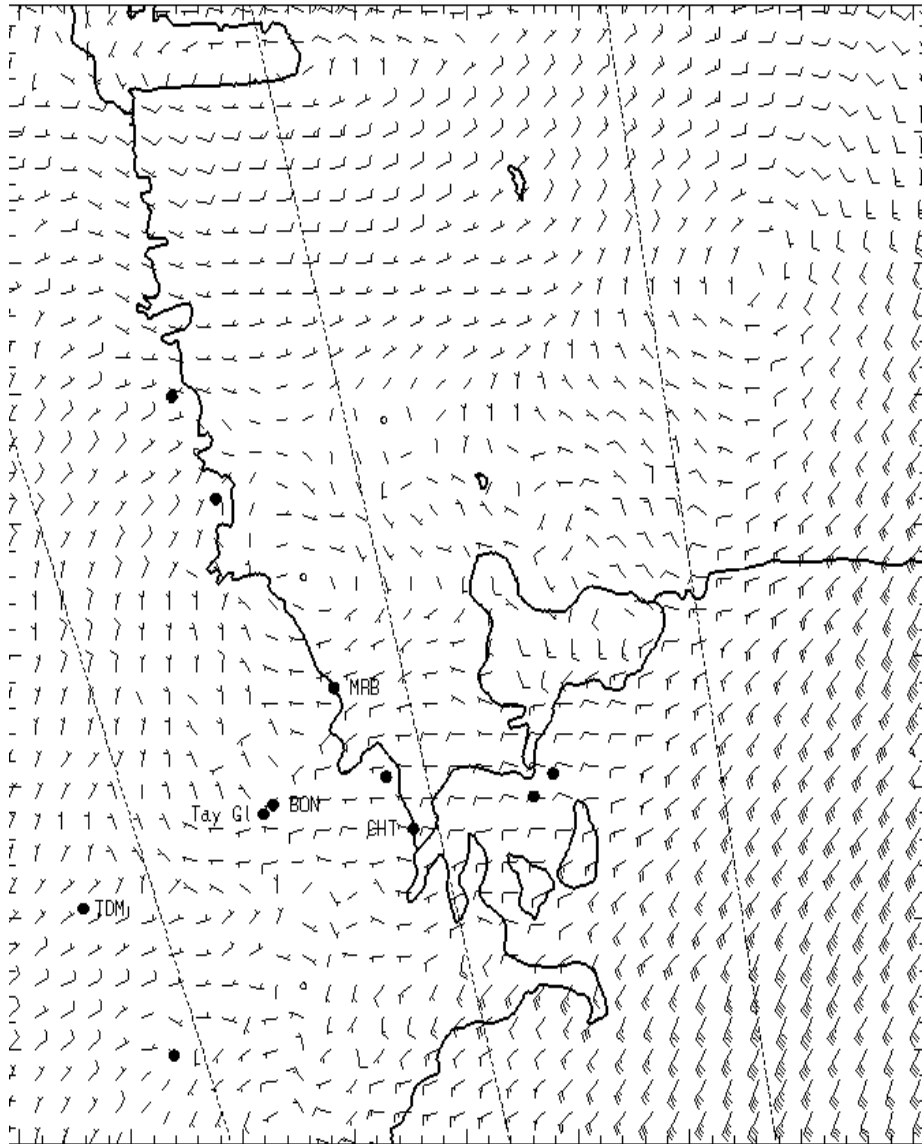


0700L

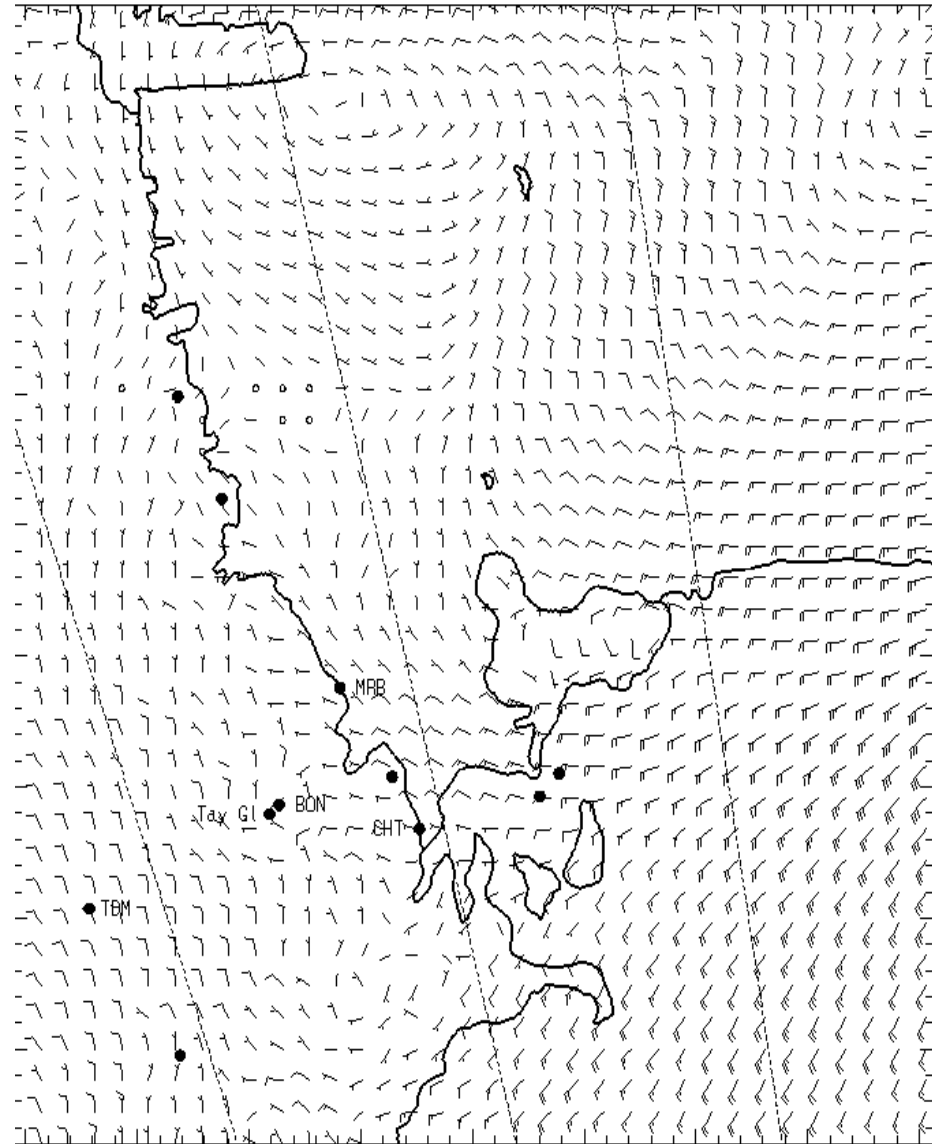


1300L

3,000 ft AGL

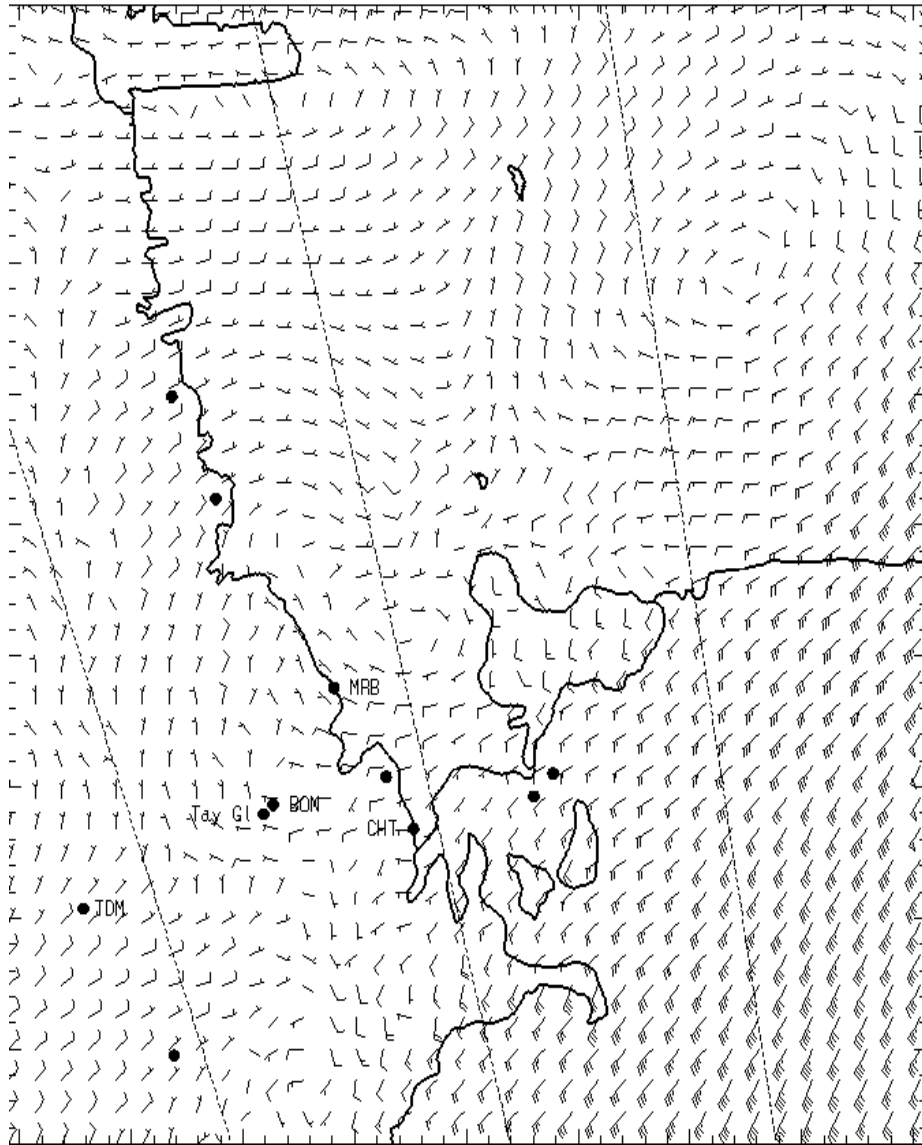


0700L

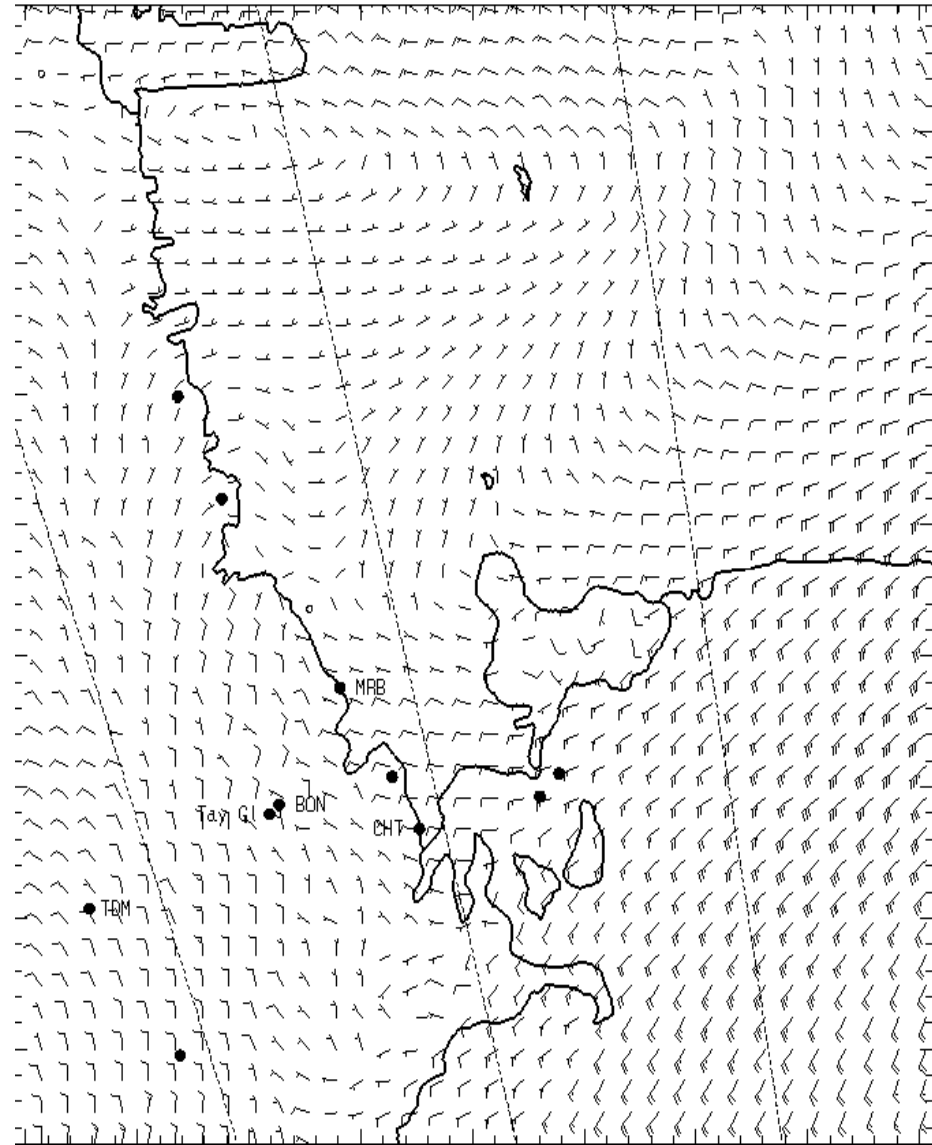


1300L

5,000 ft AGL



0700L



1300L