



HELO Weather

McMurdo Weather
Email: mcm.weather.forecaster@usap.gov
Iridium: 00 8816 7632 0030
Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Thursday 24 November 2022

Brief Time (L): 0615

Briefing Number: 11-21

FCSTR: John Meyer

REGIONAL SUMMARY

An upper-level low is pushing across Victoria Land this morning, bringing a large amount of moisture with it into the northern Ross Sea. Today will be spent setting the stage for deteriorating conditions, though the conditions themselves won't start affecting the Ross Island region until overnight tonight and into tomorrow. As today progresses, upper-level ceilings will begin to lower, with a moderate breeze at a few locations. Overall, today will be mostly favorable at many locations.

HAZARDS

Light turbulence at a few locations with exposed terrain.
Light to moderate icing in clouds at elevated locations.

LATEST MCMURDO OBSERVATION

METAR ZCMA 231621Z AUTO 09011G18KT 060V120 9999 SKC M08/M15 A2943 RMK AO2 SLP970 GRID25011G18KT 230V290=

RUNWAY TAFS

TAF AMD NZFX 231503Z 2315/2415 (2404/2504NZDT) VRB06KT 9999 FEW015 BKN120 BKN180 QNH2940INS
TEMPO 2315/2318 (2404/2407) OVC003
BECMG 2400/2402 (2413/2415) 08010KT 9999 SCT080 BKN150 QNH2948INS GRID25010KT

TAF NZWD 231503Z 2315/2415 (2404/2504NZDT) VRB06KT 9999 FEW015 BKN120 BKN180 QNH2941INS
TEMPO 2315/2318 (2404/2407) OVC003
BECMG 2409/2411 (2422/2424) 07012KT 9999 SCT080 BKN150 QNH2948INS GRID24012KT

MCMURDO HELIPAD FORECAST (VALID TIME: 24/0600L – 24/1800L)

SFC WIND (TRUE): 09015G20KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT080 BKN120
MIN ALSTG: 2942INS
HAZARDS: LGT TURBC SFC-020

SITE & AREA FORECASTS (VALID TIME: 24/0600L – 24/1800L)

MARBLE PT

SFC WIND (TRUE): 16010KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN150 BECMG BKN070 AFT 16L
MIN ALSTG: 2940INS
HAZARDS: NIL

NEW HARBOR

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN150 BECMG BKN070 AFT 16L

MIN ALSTG: 2938INS

HAZARDS: NIL

SCOTT BASE

SFC WIND (TRUE): 04010KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT080 BKN120

MIN ALSTG: 2938INS

HAZARDS: NIL

WEST OLYMPUS CAMP

SFC WIND (TRUE): 24025KT BECMG 25015KT AFT 12L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN100 BECMG BKN040 AFT 16L

MIN ALSTG: 2902INS

HAZARDS: LGT TURBC SFC-020 BECMG NIL AFT 12L

LAKE HOARE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN150 BECMG BKN070 AFT 16L

MIN ALSTG: 2936INS

HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN150 BECMG BKN070 AFT 16L

MIN ALSTG: 2942INS

HAZARDS: NIL

COZY GLACIER *No coordinates*

SFC WIND (TRUE):

SFC VISIBILITY (SM):

SKY CONDITION (AGL):

MIN ALSTG:

HAZARDS:

MT FLEMMING

SFC WIND (TRUE): 22012KT BECMG VRB06KT AFT 9L

SFC VISIBILITY (SM): UNRES BECMG 1/2 – 1 –SN BR AFT 11L

SKY CONDITION (AGL): BKN040 BECMG BKN000 OVC008 AFT 11L

MIN ALSTG: 2902INS

HAZARDS: LGT RIME ICG 040-090 BECMG MDT RIME ICG SFC-090 AFT 11L

CAPE CROZIER

SFC WIND (TRUE): 20012KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN120 BECMG BKN080 AFT 16L

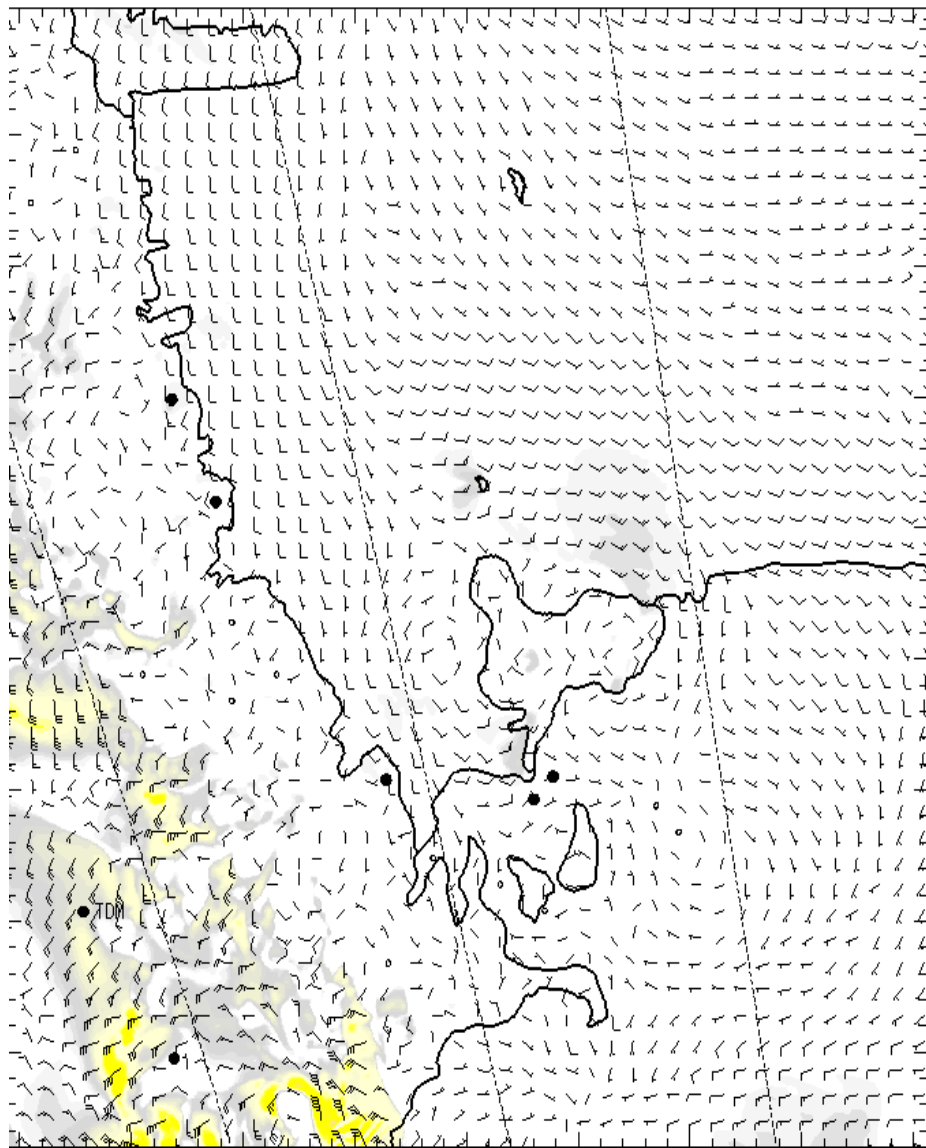
MIN ALSTG: 2942INS

HAZARDS: NIL

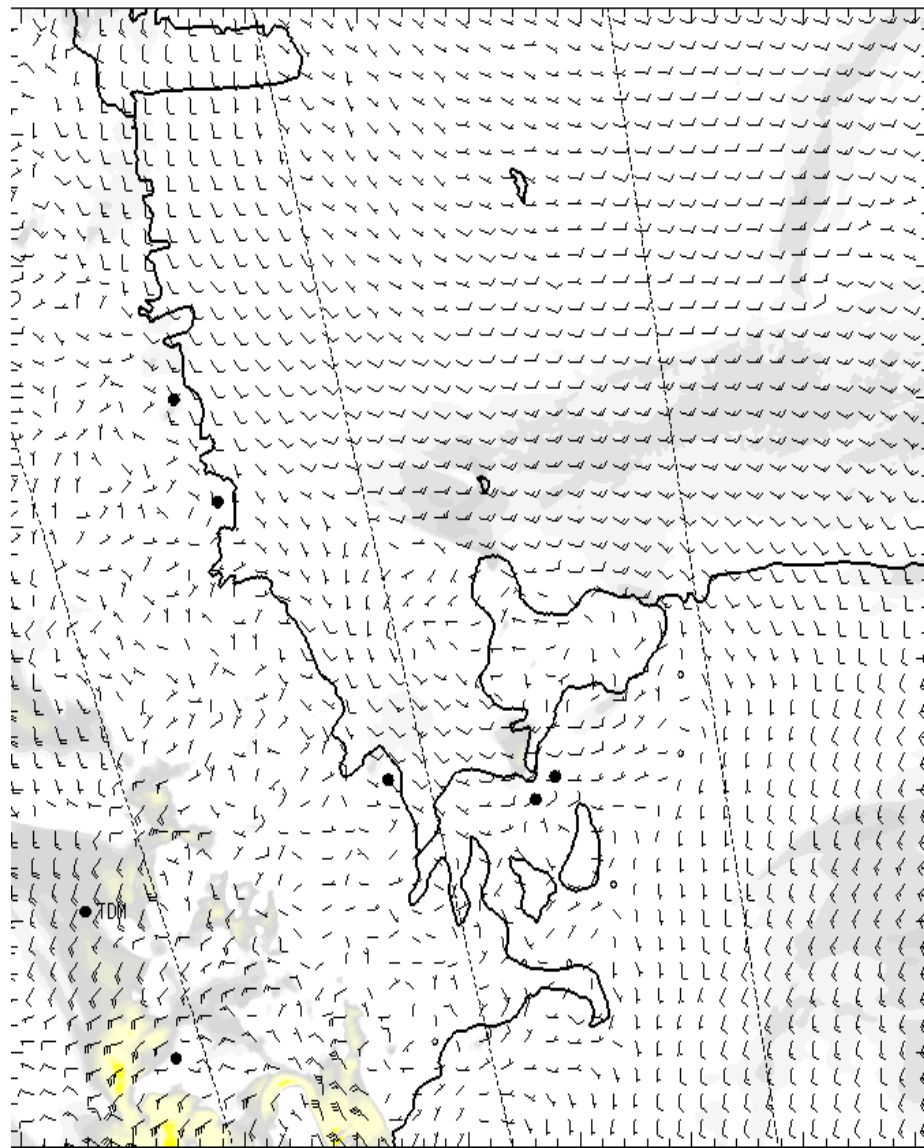
NIGHT AREA OUTLOOKS (VALID TIME: 24/1800L – 25/0600L)

NIL

SFC

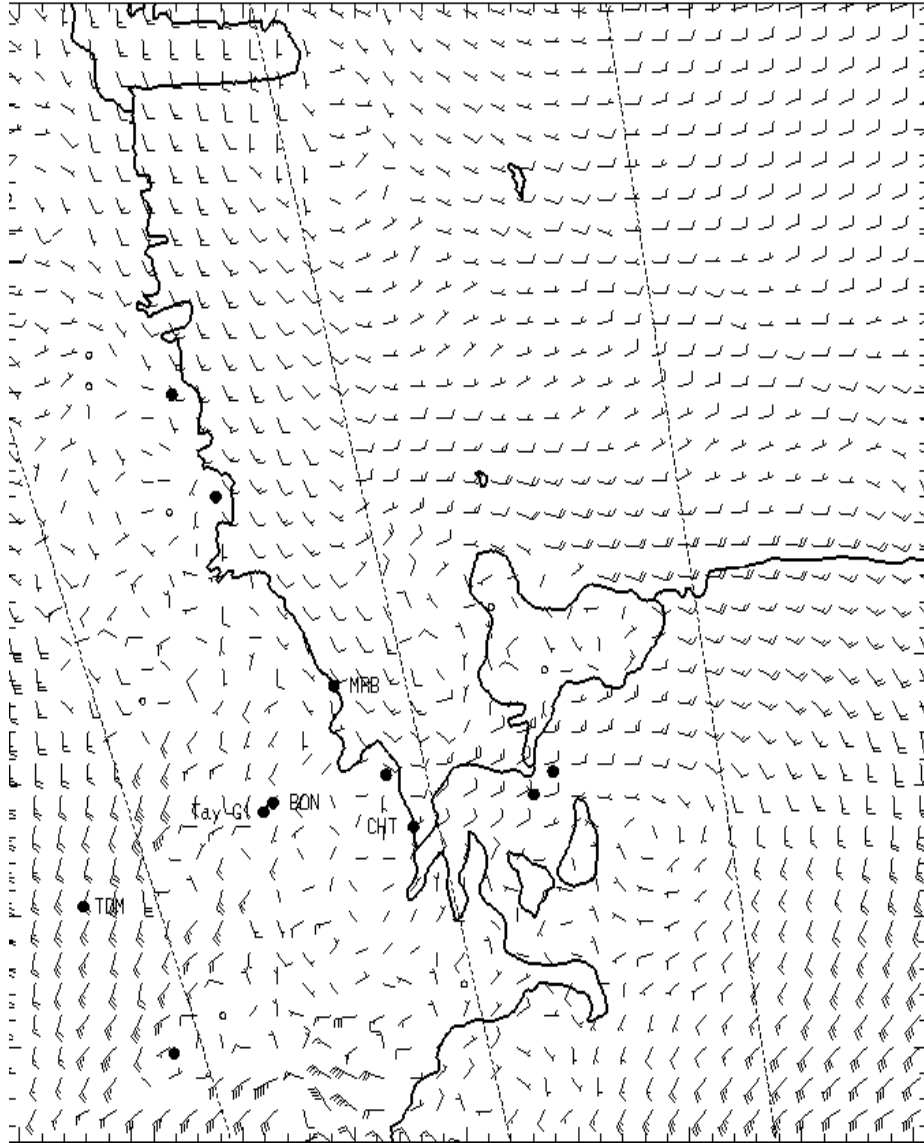


0700L

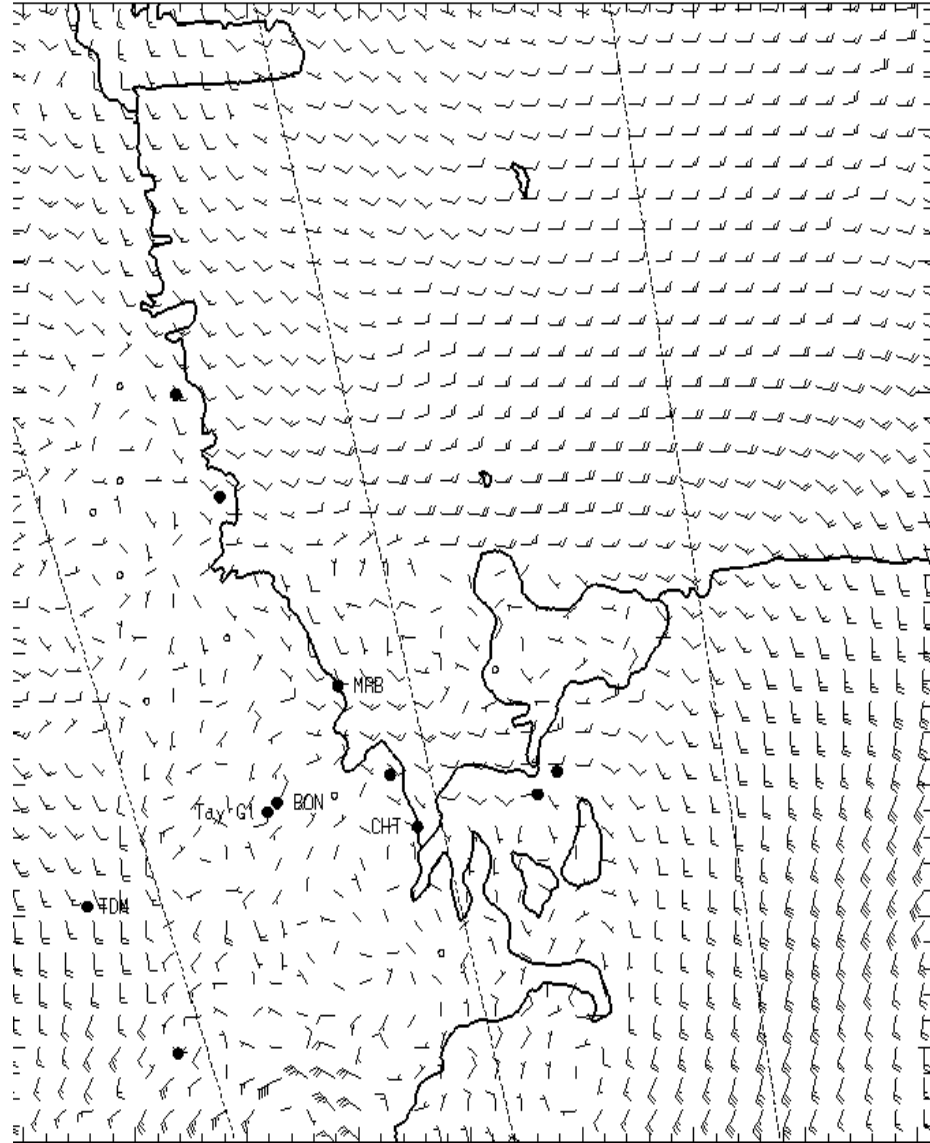


1300L

1,000 ft AGL

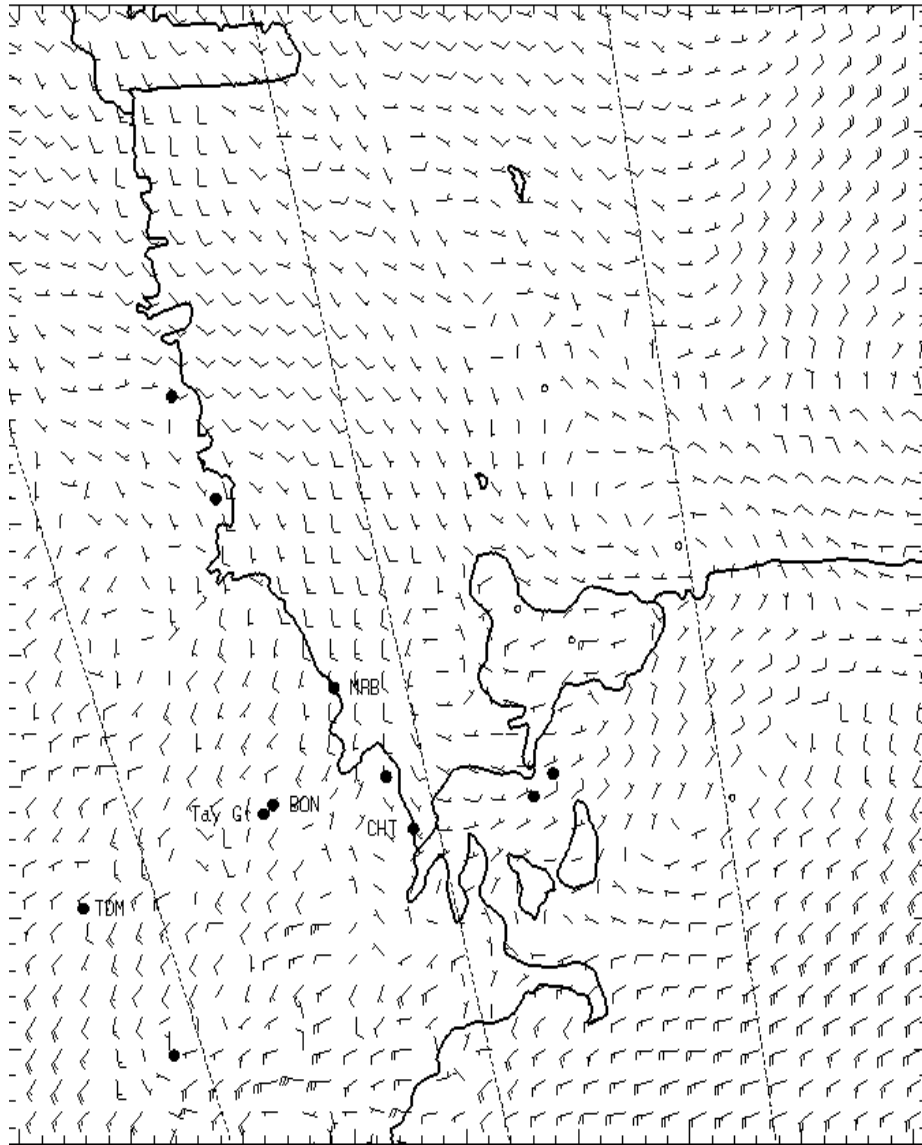


0700L

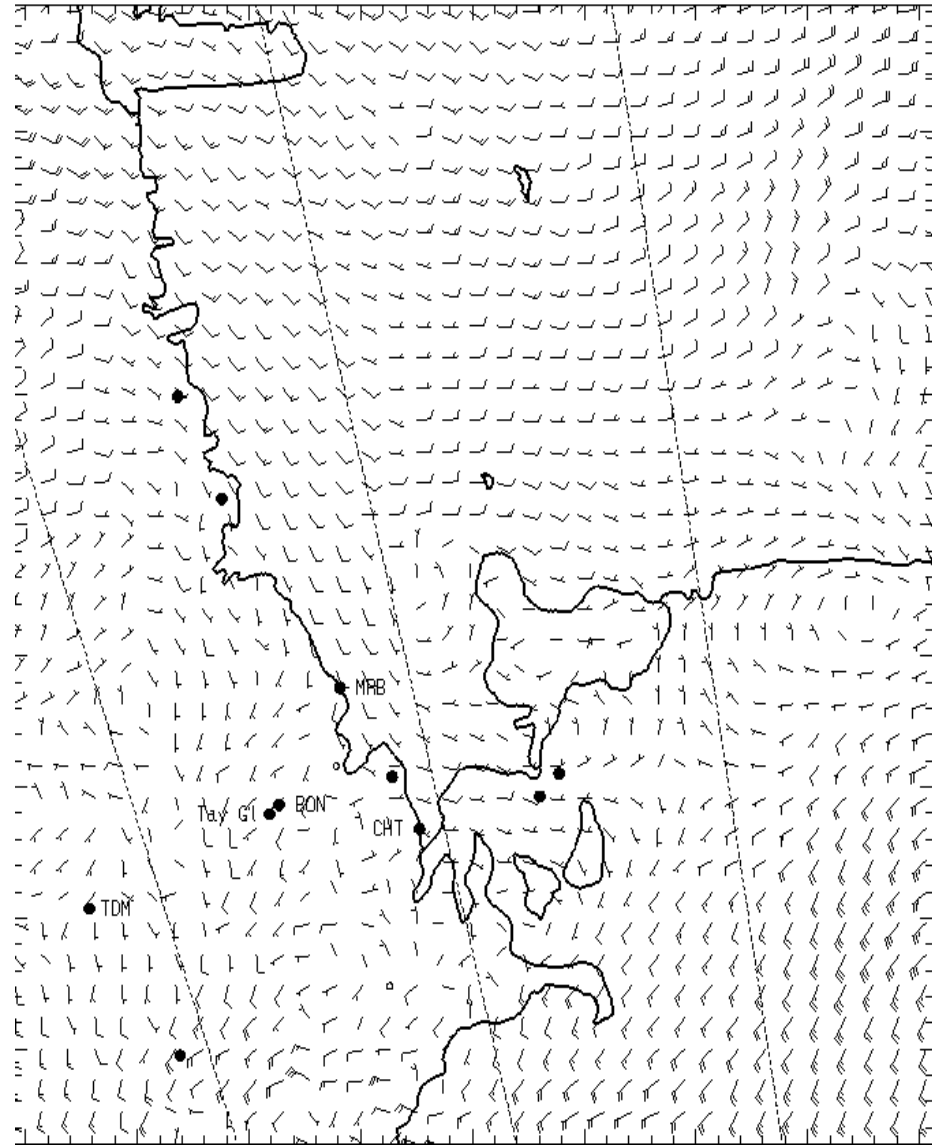


1300L

3,000 ft AGL

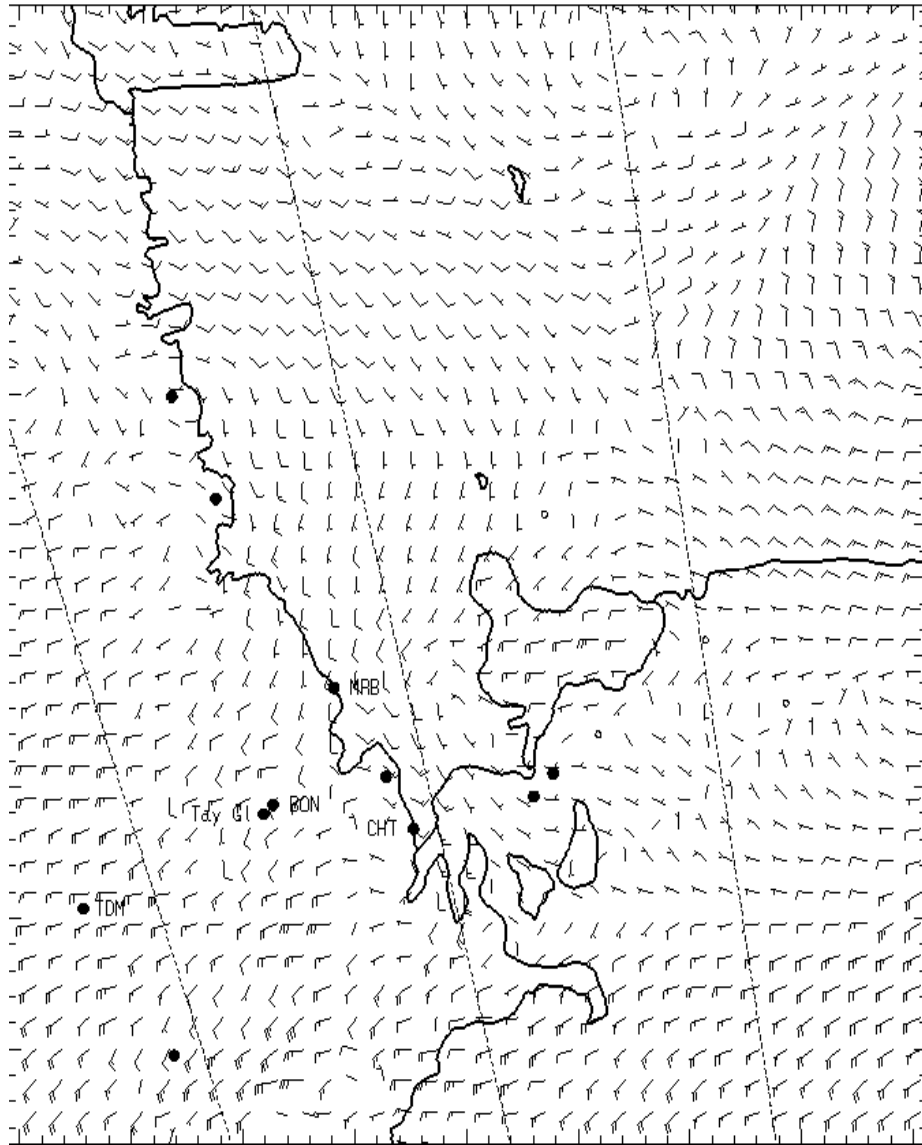


0700L

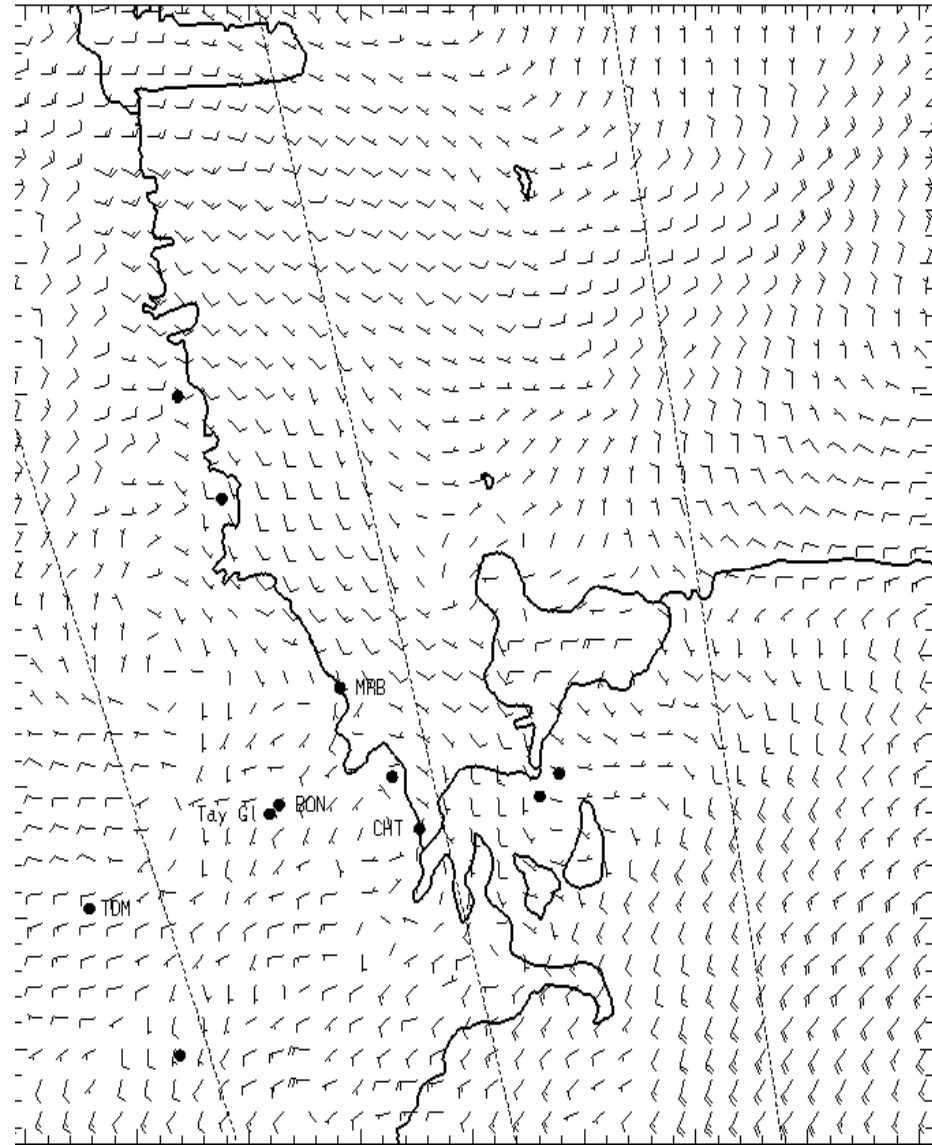


1300L

5,000 ft AGL



0700L



1300L