



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Friday, 30 December 2022

Brief Time (L): 0615

Briefing Number: 12-25

FCSTR: Jeff Fournier

REGIONAL SUMMARY

A weak low pressure trough will move north across the NW Ross Ice Shelf today but have little impact on the local weather. Areas of broken to overcast clouds, generally within a layer from 4-thousand to 6-thousand feet, continued to cover much of the western McMurdo Sound, Dry Valleys, and adjacent mountains early this morning. Portions of these clouds are expected to dissipate later today.

HAZARDS

ISOLATED IFR VISIBILITY IN –SN AND FZFG IN HIGHER ELEVATIONS WEST OF ROSS ISLAND.
TRACE TO LIGHT RIME ICING IN CLOUDS AND PRECIPITATION.
LIGHT TURBULENCE OVER AND NEAR RUGGED TERRAIN.

LATEST MCMURDO OBSERVATION

METAR ZCMA 291604Z AUTO 07010KT 9999 SKC M09/M13 A2901 RMK AO2 SLP828 GRID24010KT=

RUNWAY TAFS

TAF NZFX 291501Z 2915/3015 (3004/3104NZDT) 04008KT 9999 FEW015 SCT030 QNH2885INS GRID21008KT

TAF NZWD 291501Z 2915/3015 (3004/3104NZDT) 06008KT 9999 FEW015 SCT030 QNH2885INS GRID23008KT

MCMURDO HELIPAD FORECAST (VALID TIME: 30/0600L – 30/1800L)

SFC WIND (TRUE): 06012KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW015 SCT040 OCNL BKN040
MIN ALSTG: 2890INS
HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 30/0600L – 30/1800L)

SCOTT BASE

SFC WIND (TRUE): 06011KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW015 SCT040 OCNL BKN040
MIN ALSTG: 2890INS
HAZARDS: NIL

MARBLE POINT**SFC WIND (TRUE):** 12006KT**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SCT015 OVC040 BECMG FEW015 SCT040 AFT 12L**MIN ALSTG:** 2888INS**HAZARDS:** TRACE RIME ICG IN CLOUD**LAKE HOARE****SFC WIND (TRUE):** VRB04KT BECMG 08007KT AFT 12L**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SCT015 OVC040 BECMG FEW015 SCT040 AFT 12L**MIN ALSTG:** 2887INS**HAZARDS:** TRACE RIME ICG IN CLOUD**LAKE FRYXELL****SFC WIND (TRUE):** VRB06KT**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SCT015 OVC040 BECMG FEW015 SCT040 AFT 12L**MIN ALSTG:** 2891INS**HAZARDS:** TRACE RIME ICG IN CLOUD**LAKE BONNEY****SFC WIND (TRUE):** VRB06KT BECMG 04010KT AFT 14L**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SCT015 OVC040, BECMG FEW015 SCT040 AFT 12L**MIN ALSTG:** 2885INS**HAZARDS:** TRACE RIME ICG IN CLOUD**MT NEWALL****SFC WIND (TRUE):** 36006KT**SFC VISIBILITY (SM):** 2-4 BR, TEMPO $\frac{1}{4}$ -1 -SN FZFG**SKY CONDITION (MSL):** BKN046 TEMPO SCT046**MIN ALSTG:** 2852INS**HAZARDS:** TRACE RIME ICG IN CLOUD AND -SN/FZFG**MT VOLSIPS****SFC WIND (TRUE):** 02007KT**SFC VISIBILITY (SM):** UNR, TEMPO $\frac{1}{2}$ -1 -SN FZFG**SKY CONDITION (MSL):** SCT026 BKN040 TEMPO BKN026**MIN ALSTG:** 2867INS**HAZARDS:** TRACE RIME ICG IN CLOUD AND -SN/FZFG**MT FLEMMING****SFC WIND (TRUE):** 19009KT BECMG VRB06KT AFT 10L**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SCT055**MIN ALSTG:** 2848INS**HAZARDS:** NIL

FRIIS HILL

SFC WIND (TRUE): 27020KT BECMG VRB06KT AFT 11L
SFC VISIBILITY (SM): UNR, TEMPO 1-2 –SN BR
SKY CONDITION (MSL): SCT030 OVC050 TEMPO BKN029
MIN ALSTG: 2864INS
HAZARDS: TRACE RIME ICG IN CLOUD AND –SN/FZFG

HOWARD GLACIER

SFC WIND (TRUE): 18010KT BECMG VRB06KT AFT 12L
SFC VISIBILITY (SM): 3-5 –SN BR BECMG UNR AFT 12L
SKY CONDITION (MSL): OVC050 BECMG SCT050 AFT 12L
MIN ALSTG: 2885INS
HAZARDS: TRACE RIME ICG IN CLOUD AND –SN/BR

F6

SFC WIND (TRUE): 12008KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): OVC040, BECMG SCT040 AFT 12L
MIN ALSTG: 2890INS
HAZARDS: TRACE RIME ICG IN CLOUD

WRIGHT HUT

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR, TEMPO ½ –SN FZFG
SKY CONDITION (MSL): SCT057 TEMPO BKN057
MIN ALSTG: 2841INS
HAZARDS: TRACE RIME ICG IN CLOUD AND –SN/FZFG

SEA ICE

SFC WIND (TRUE): 20009KT (stronger winds extend from Erebus Ice Tongue, Cape Royds/Evans into eastern portions of annual ice)
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT025 SCT040 TEMPO FEW015 BKN040
MIN ALSTG: 2885INS
HAZARDS: NIL

CAPE BIRD

SFC WIND (TRUE): VRB06KT BECMG 03012KT AFT 12L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT025 SCT040 TEMPO FEW015 BKN040
MIN ALSTG: 2883INS
HAZARDS: NIL

CAPE ROYDS

SFC WIND (TRUE): 18018KT BECMG VRB06KT AFT 16L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT025 SCT040 TEMPO FEW015 BKN040
MIN ALSTG: 2885INS
HAZARDS: LGT TURBULENCE SFC-010

CAPE EVANS

SFC WIND (TRUE): 12018KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): FEW015 SCT040

MIN ALSTG: 2885INS

HAZARDS: LGT TURBULENCE SFC-010

BOMBZ

SFC WIND (TRUE): 19015KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SKC

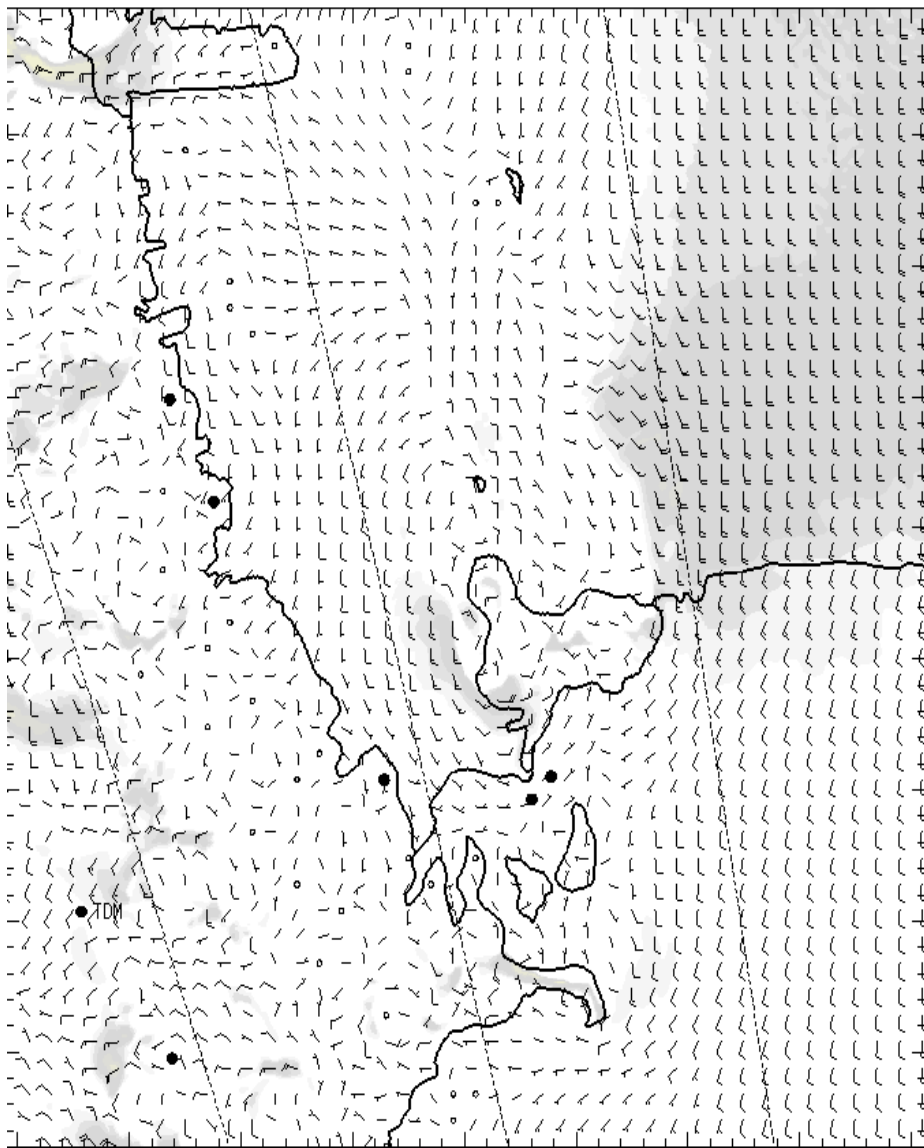
MIN ALSTG: 2836INS

HAZARDS: NIL

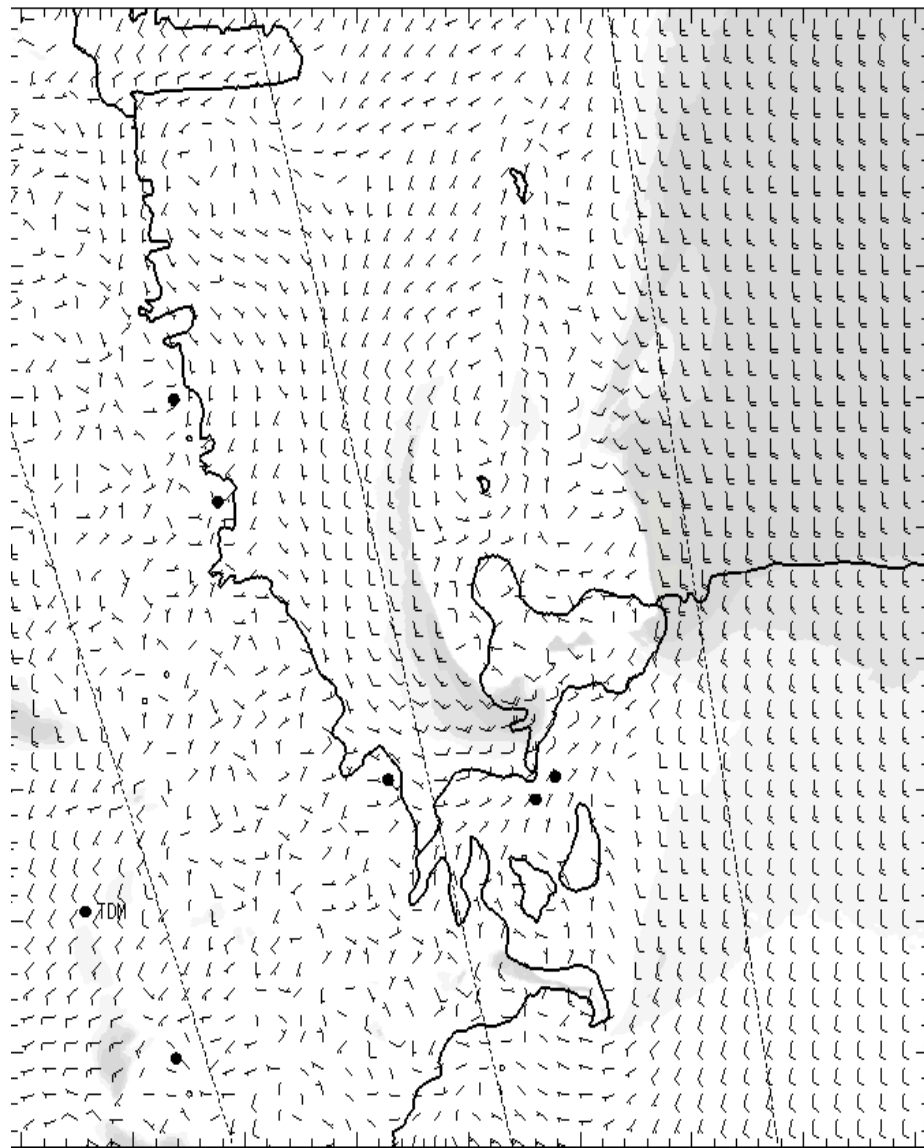
NIGHT AREA OUTLOOKS (VALID TIME: 30/1800L – 31/0600L)

NIL

SFC

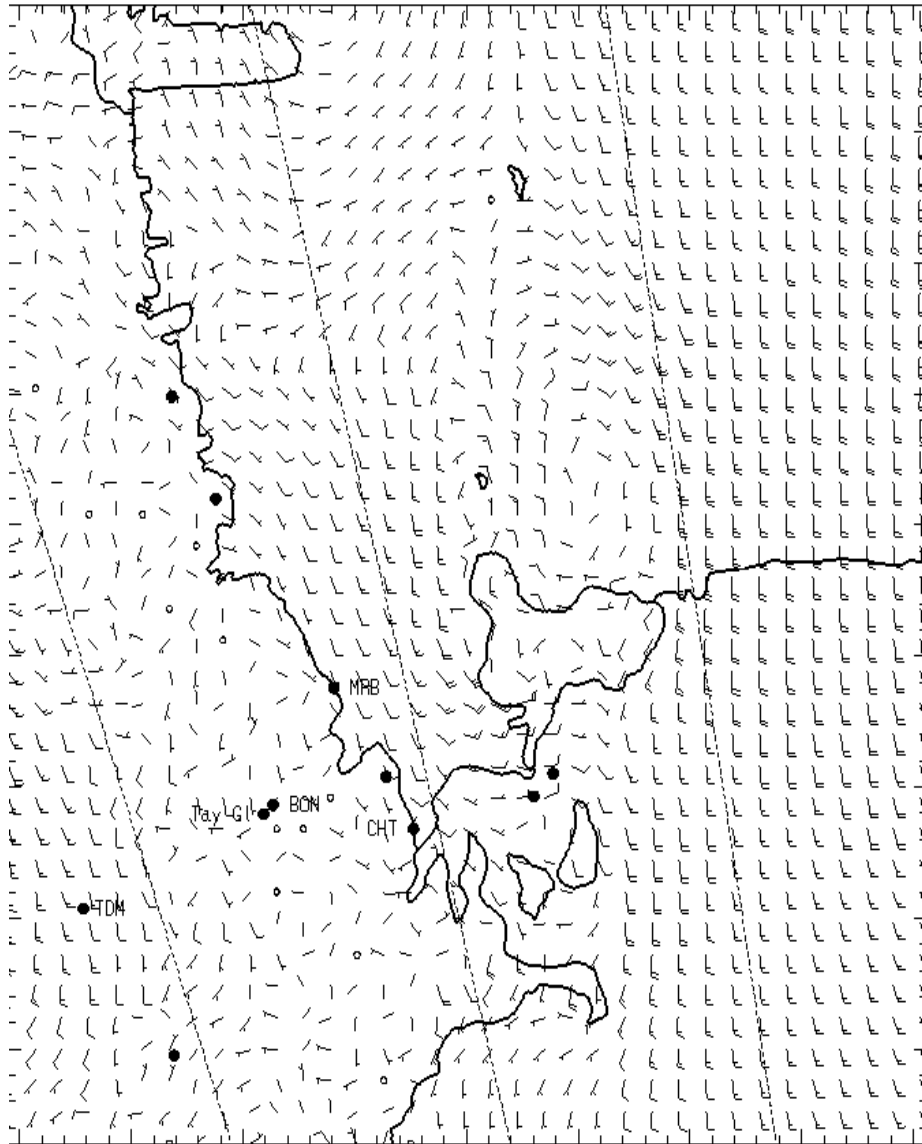


0700L

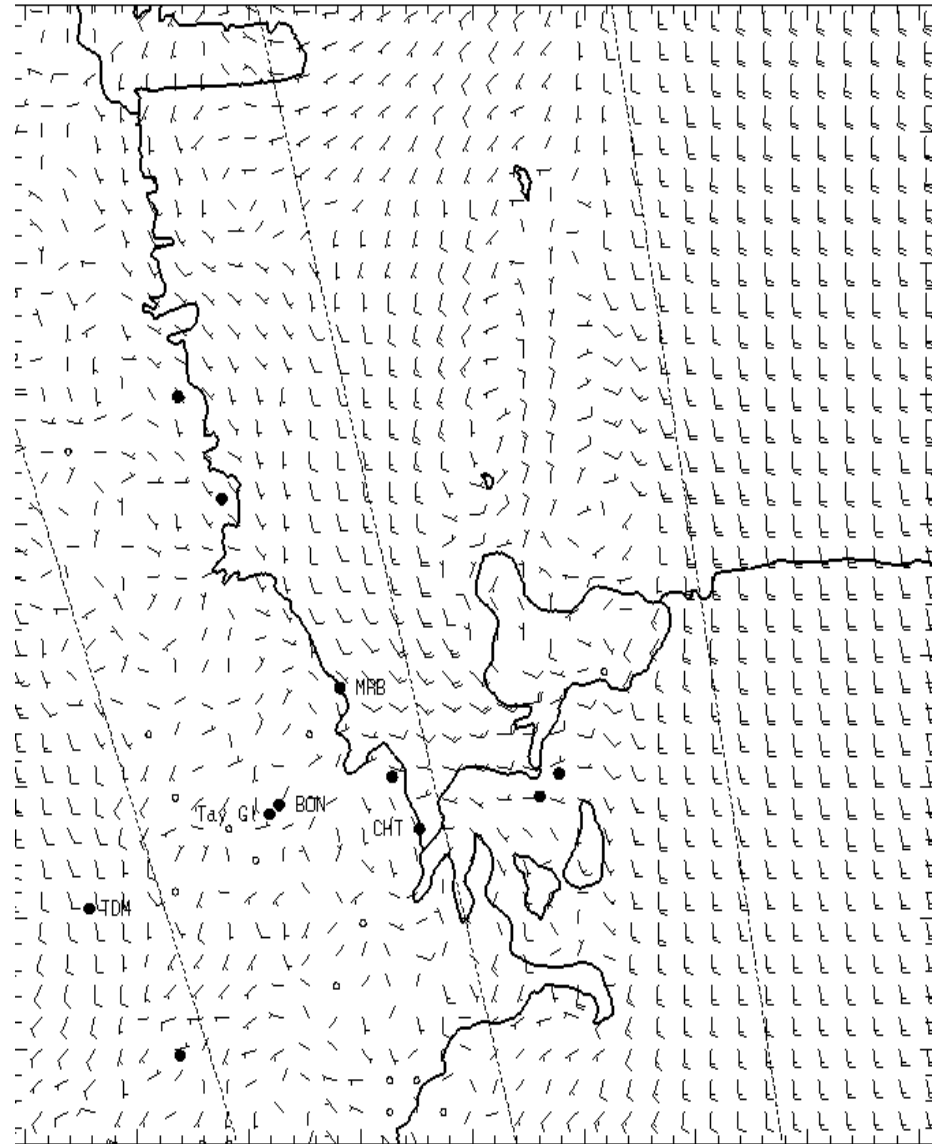


1300L

1,000 ft AGL

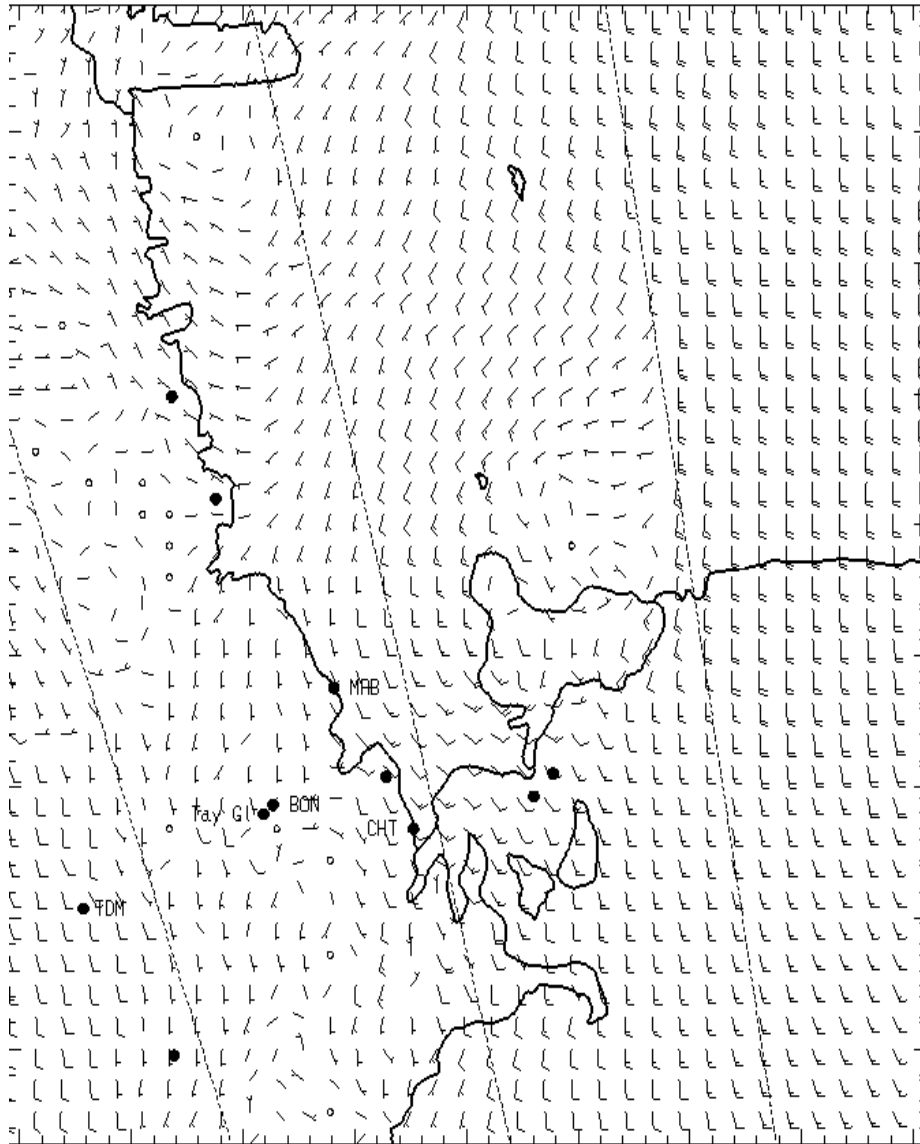


0700L

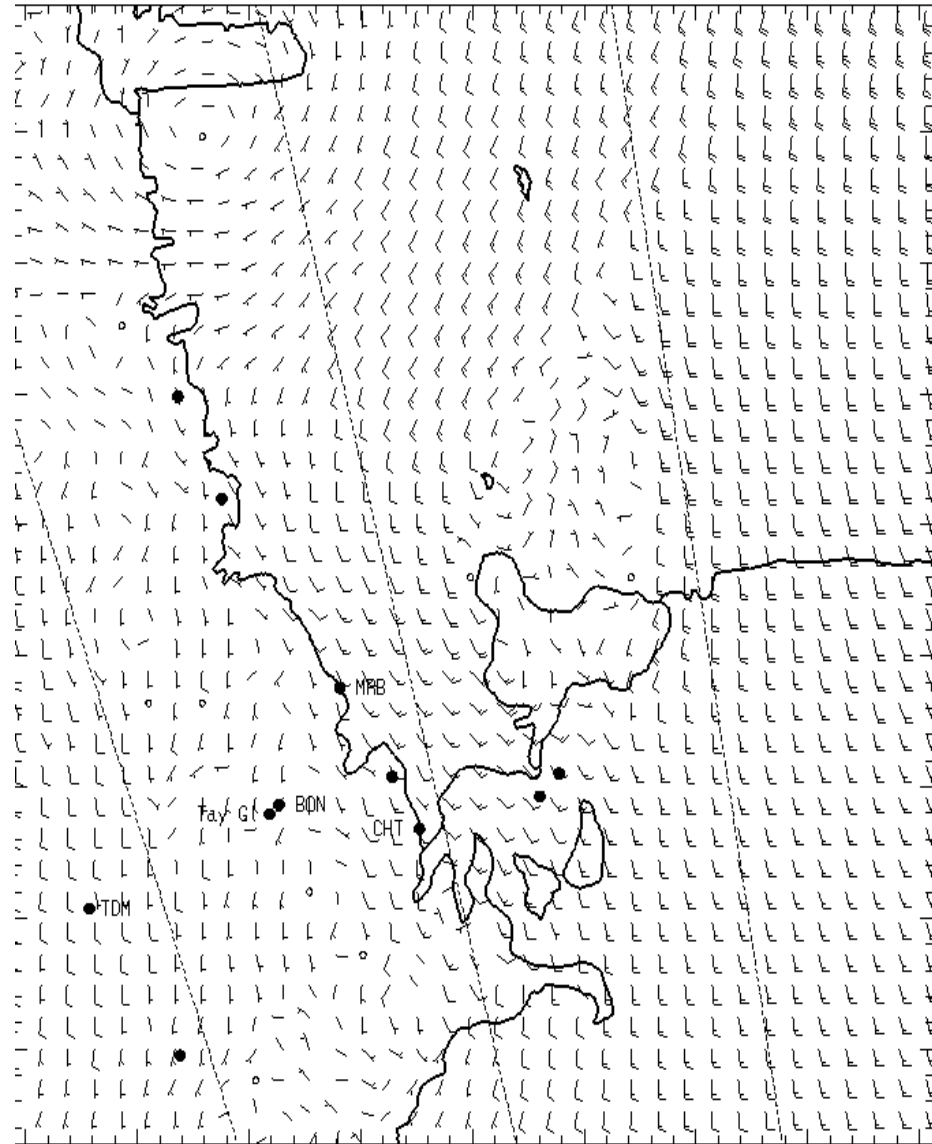


1300L

3,000 ft AGL

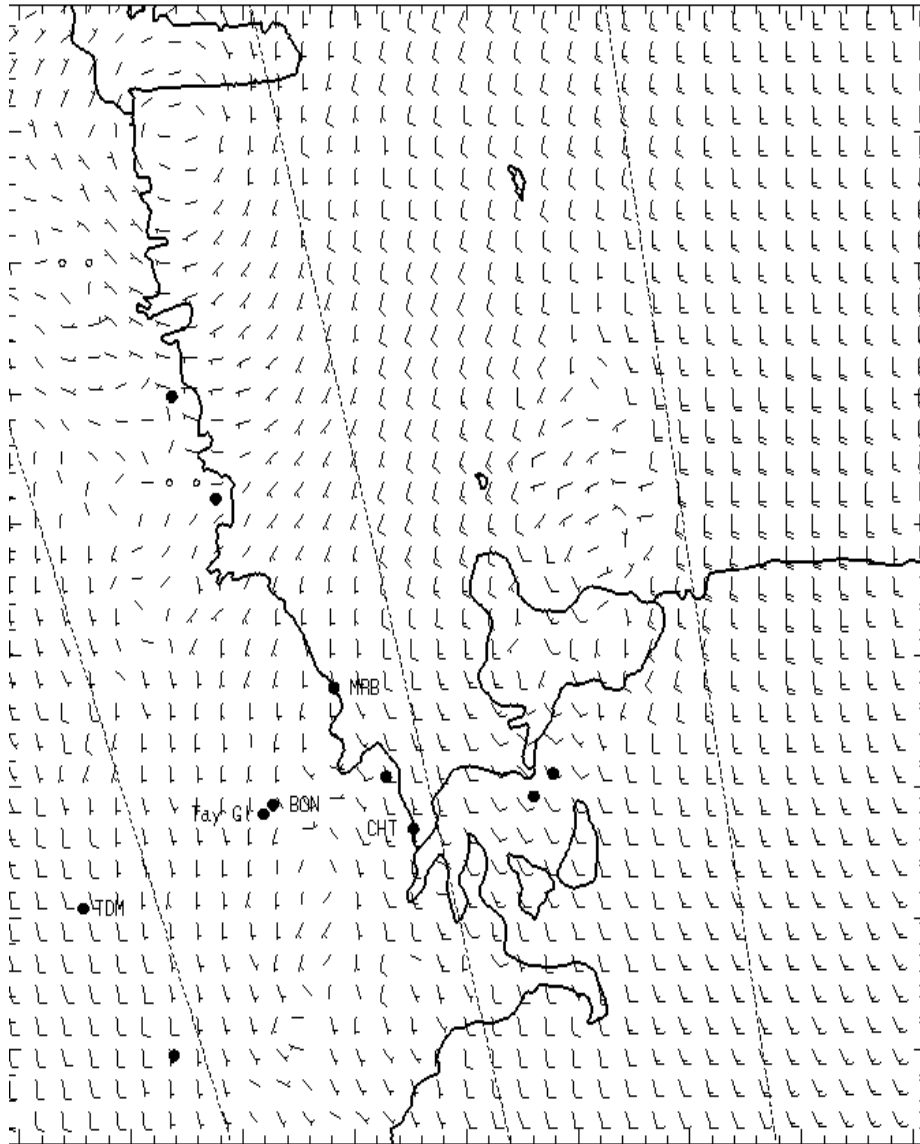


0700L

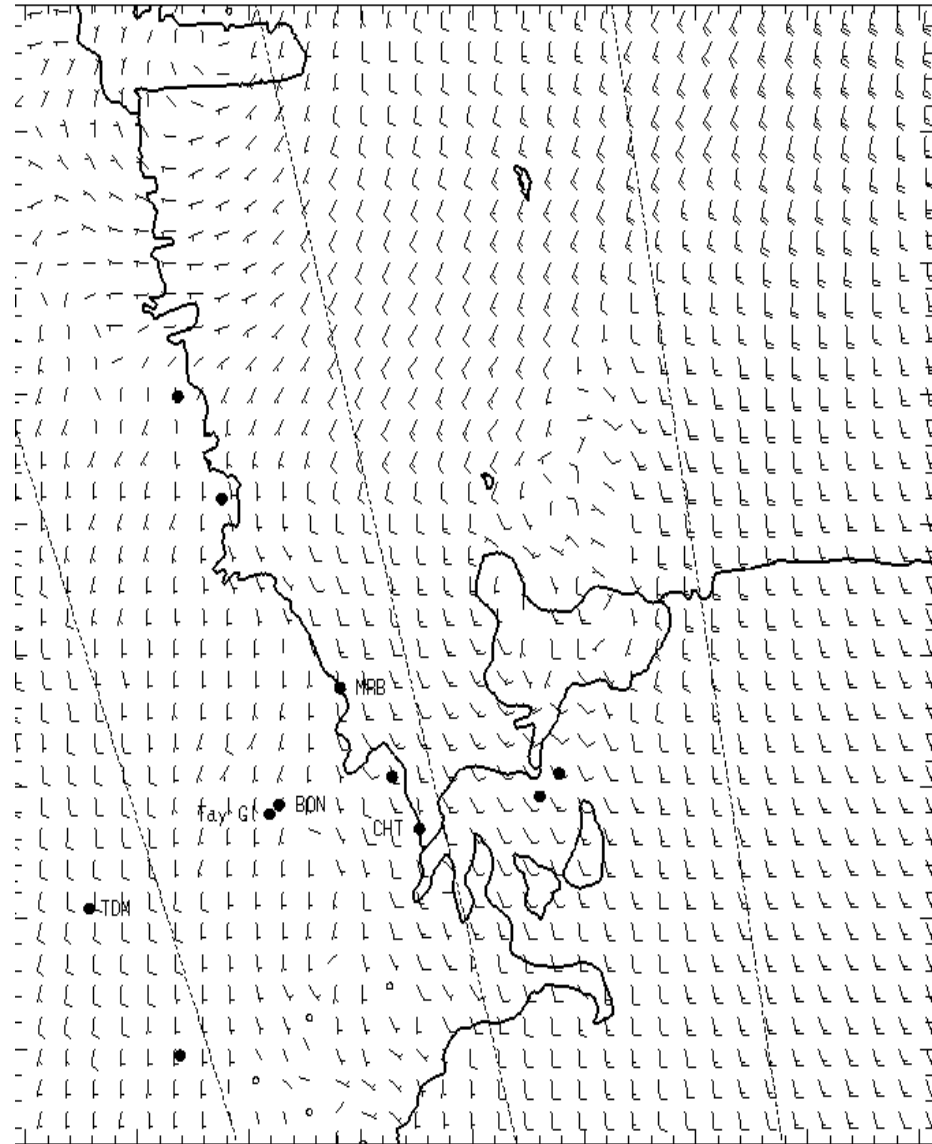


1300L

5,000 ft AGL



0700L



1300L