



HELO Weather

McMurdo Weather
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Briefing Counter: x43353

Date (L): Wednesday, 28 December 2022

Brief Time (L): 0615

Briefing Number: 12-23

FCSTR: Jeff Fournier

REGIONAL SUMMARY

A broad area of low pressure will remain nearly stationary over the central Ross Ice Shelf and help generate stronger winds than in previous days- winds from the more common E-NE direction across much of the Ross Island region. Small, difficult-to-forecast eddies, induced by the interaction between wind and terrain, may produce brief periods of stronger winds than forecast, which has already occurred at Williams Field this morning. Otherwise, expect mostly cloudy skies and occasional flurries across much of the region (excluding higher terrain and Dry Valleys).

HAZARDS

AREAS OF MVFR CLOUD CEILINGS ACROSS MCMURDO SOUND, ALONG THE COASTS OF ROSS ISLAND, AND THE AIRFIELDS.

TRACE ICING IN LOW CLOUD LAYERS THROUGH TONIGHT.

LIGHT TO LOCALLY MODERATE TURBUENCE LIKELY, WITH POSSIBLE BRIEF SEVERE TURBUENCE NEAR RUGGED TERRAIN.

LATEST MCMURDO OBSERVATION

METAR ZCMA 271652Z AUTO 09016G24KT 9000 FEW031 OVC043 M10/M12 A2896 RMK AO2 SLP812
GRID26016G24KT=

RUNWAY TAFS

TAF NZFX 271458Z 2715/2815 (2804/2904NZDT) 09013KT 9999 SCT015 BKN025 OVC035 600252 QNH2893INS
GRID26013KT
BECMG 2802/2804 (2815/2817) 05007KT 9999 SCT015 BKN030 600301 QNH2902INS GRID22007KT

TAF NZWD 271458Z 2715/2815 (2804/2904NZDT) 09012KT 9999 SCT015 BKN025 OVC035 600252 QNH2892INS
GRID26012KT
BECMG 2802/2804 (2815/2817) 06006KT 9999 SCT015 BKN030 600301 QNH2903INS GRID23006KT

MCMURDO HELIPAD FORECAST (VALID TIME: 28/0600L – 28/1800L

SFC WIND (TRUE): 09016G26KT BECMG 06010KT AFT 16L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT015 BKN025 OVC035

MIN ALSTG: 2903INS

HAZARDS: LGT TO OCNL MDT TURBUENCE SFC-010, TRACE ICING IN CLOUD

SITE & AREA FORECASTS (VALID TIME: 28/0600L – 28/1800L)

SCOTT BASE

SFC WIND (TRUE): 09015G25KT BECMG 06010KT AFT 16L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT015 BKN025 OVC035
MIN ALSTG: 2903INS
HAZARDS: LGT TO OCNL MDT TURBULENCE SFC-010, TRACE ICING IN CLOUD

MARBLE POINT

SFC WIND (TRUE): VRB06KT BECMG 15012KT AFT 09L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT015 BKN025
MIN ALSTG: 2893INS
HAZARDS: TRACE ICING IN CLOUD

MOORE'S BAY

SFC WIND (TRUE): 24007KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT015 OVC025
MIN ALSTG: 2893INS
HAZARDS: TRACE ICING IN CLOUD

LAKE BLUE BOX RECCE

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR, BECMG 2-3 –SN BR AFT 10L
SKY CONDITION (MSL): SCT015 OVC025 TEMPO BKN012 AFT 10L
MIN ALSTG: 2860INS
HAZARDS: TRACE ICING IN CLOUD

LAKE HOARE

SFC WIND (TRUE): VRB04KT BECMG 07010KT AFT 10L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW015 SCT025 TEMPO BKN015 AFT 14L
MIN ALSTG: 2888INS
HAZARDS: TRACE ICING IN CLOUD

LAKE FRYXELL

SFC WIND (TRUE): VRB04KT BECMG 12012KT AFT 09L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT015 SCT025 TEMPO BKN015 06-11L
MIN ALSTG: 2894INS
HAZARDS: TRACE ICING IN CLOUD

LAKE BONNEY

SFC WIND (TRUE): 24006KT BECMG 04013KT AFT 09L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW025
MIN ALSTG: 2887INS
HAZARDS: NIL

MT NEWALL

SFC WIND (TRUE): 22010KT BECMG 35006KT AFT 12L
SFC VISIBILITY (SM): UNR TEMPO 3-5 BR AFT 12L
SKY CONDITION (MSL): SKC BECMG SCT050 TEMPO BKN050 AFT 12L
MIN ALSTG: 2858INS
HAZARDS: NIL

MT VOLSIPS

SFC WIND (TRUE): 23010KT BECMG 12006KT AFT 10L
SFC VISIBILITY (SM): UNR TEMPO 2-3 –SN BR AFT 12L
SKY CONDITION (MSL): SCT015 SCT025 TEMPO BKN025 AFT 12L
MIN ALSTG: 2878INS
HAZARDS: TRACE ICING IN CLOUD

COMMONWEALTH GL

SFC WIND (TRUE): 18010KT
SFC VISIBILITY (SM): UNR, TEMPO 3-5 –SN BR BEFORE 13L
SKY CONDITION (MSL): SCT015 BKN025 TEMPO BKN012 BEFORE 13L
MIN ALSTG: 2889INS
HAZARDS: TRACE ICING IN CLOUD

LAKE MIERS

SFC WIND (TRUE): 09007KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT015 BKN025
MIN ALSTG: 2881INS
HAZARDS: TRACE ICING IN CLOUD

CAPE ROYDS

SFC WIND (TRUE): 18025G35KT TEMPO 18010KT, BECMG VRB06KT AFT 14L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT015 BKN025
MIN ALSTG: 2889INS
HAZARDS: LGT TO OCNL MDT TURBULENCE SFC-010, TRACE ICING IN CLOUD

CAPE REYNOLDS

SFC WIND (TRUE): 28015KT BECMG 18012KT AFT 14L
SFC VISIBILITY (SM): UNR, TEMPO 3-5 –SN AFT 14L
SKY CONDITION (MSL): FEW015 BECMG SCT015 BKN025 TEMPO BKN010 AFT 14L
MIN ALSTG: 2891INS
HAZARDS: TRACE ICING IN CLOUD

BOMBZ

SFC WIND (TRUE): 34010KT, BECMG VRB06 AFT 12L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SKC
MIN ALSTG: 2848INS
HAZARDS: NIL

NIGHT AREA OUTLOOKS (VALID TIME: 28/1800L – 29/0600L)

NAUSEA KNOB

SFC WIND (TRUE): 26009KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SKC

MIN ALSTG: 2525INS

HAZARDS: NIL

CAPE ROYDS

SFC WIND (TRUE): 34006KT

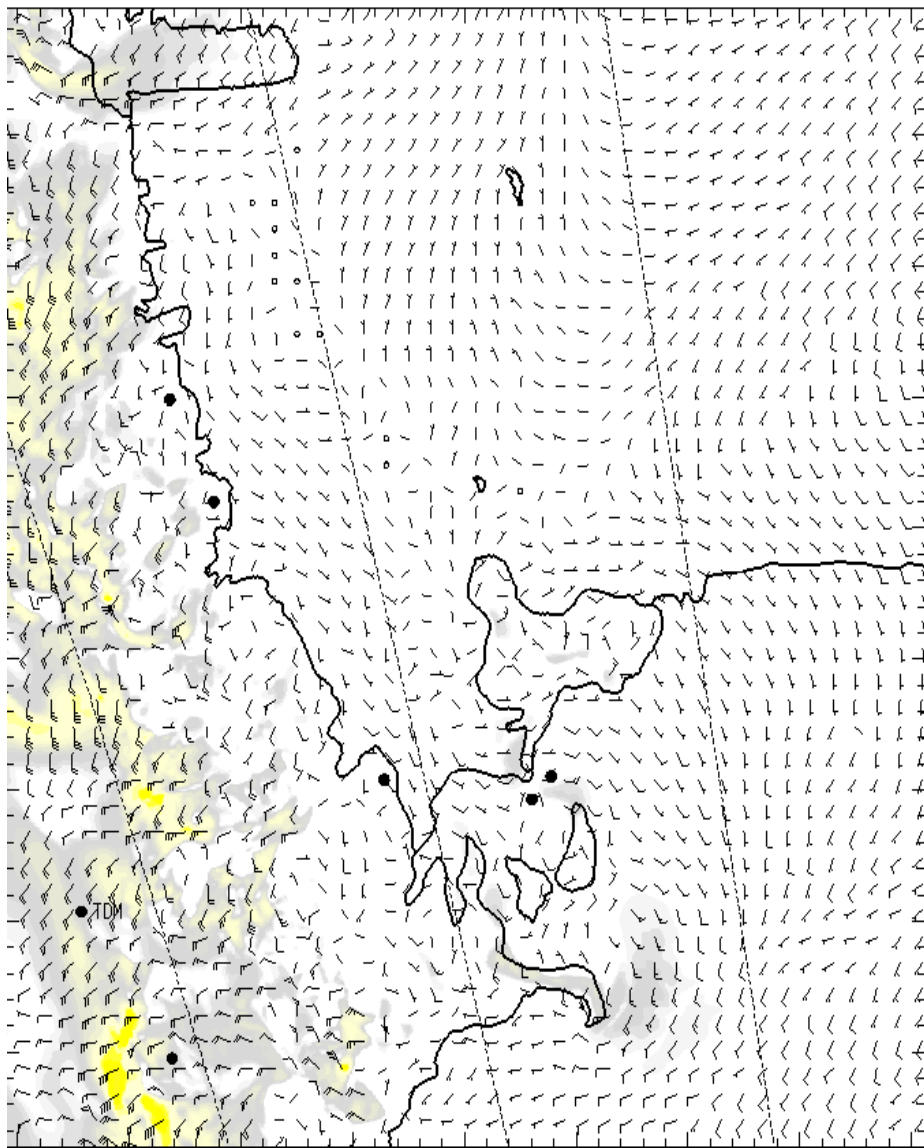
SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT015 BKN025

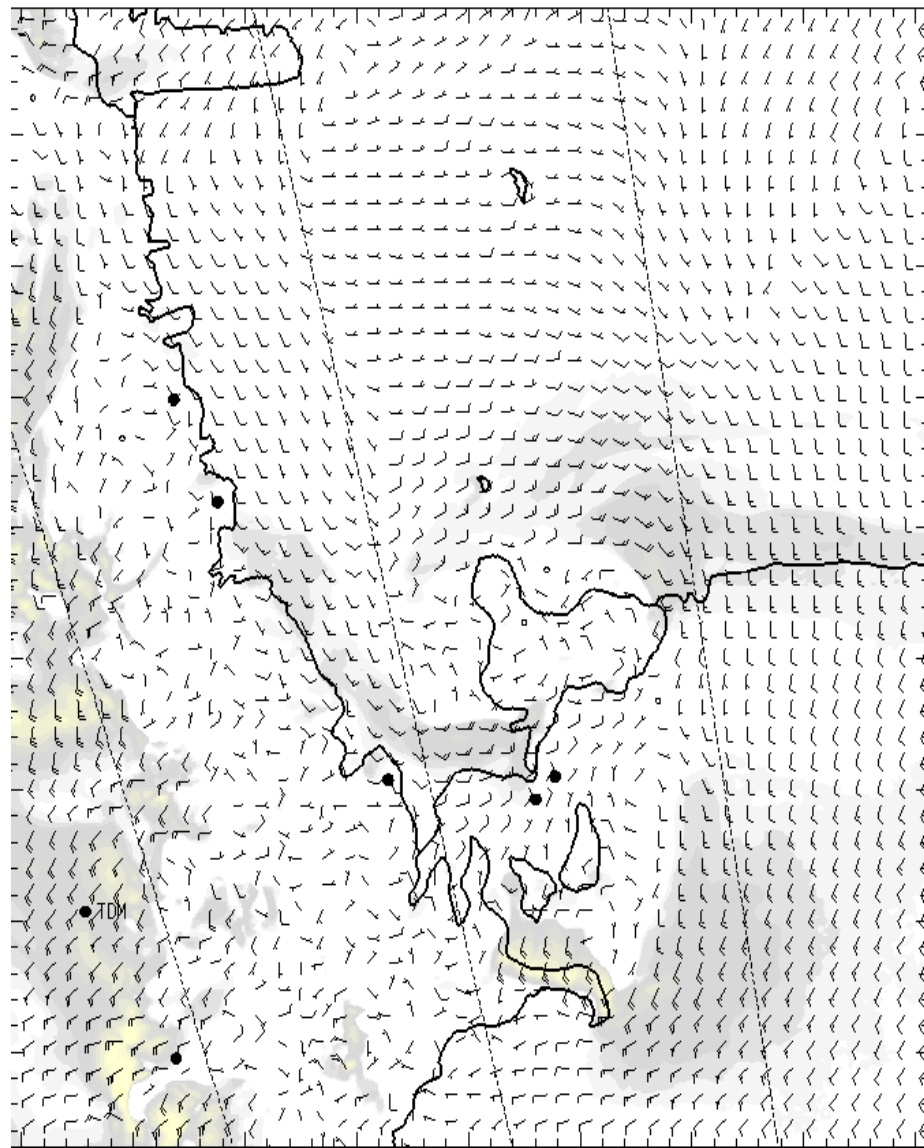
MIN ALSTG: 2898INS

HAZARDS: TRACE ICING IN CLOUD

SFC

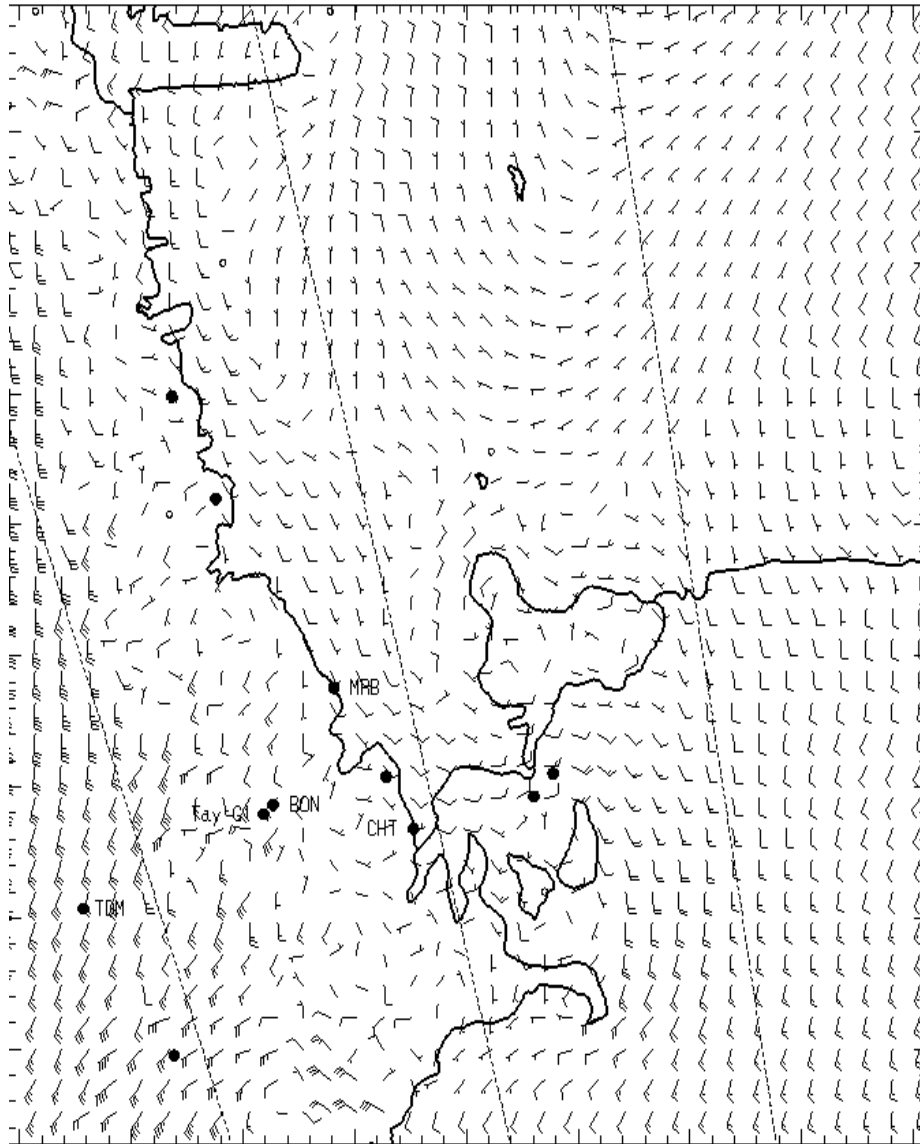


0700L

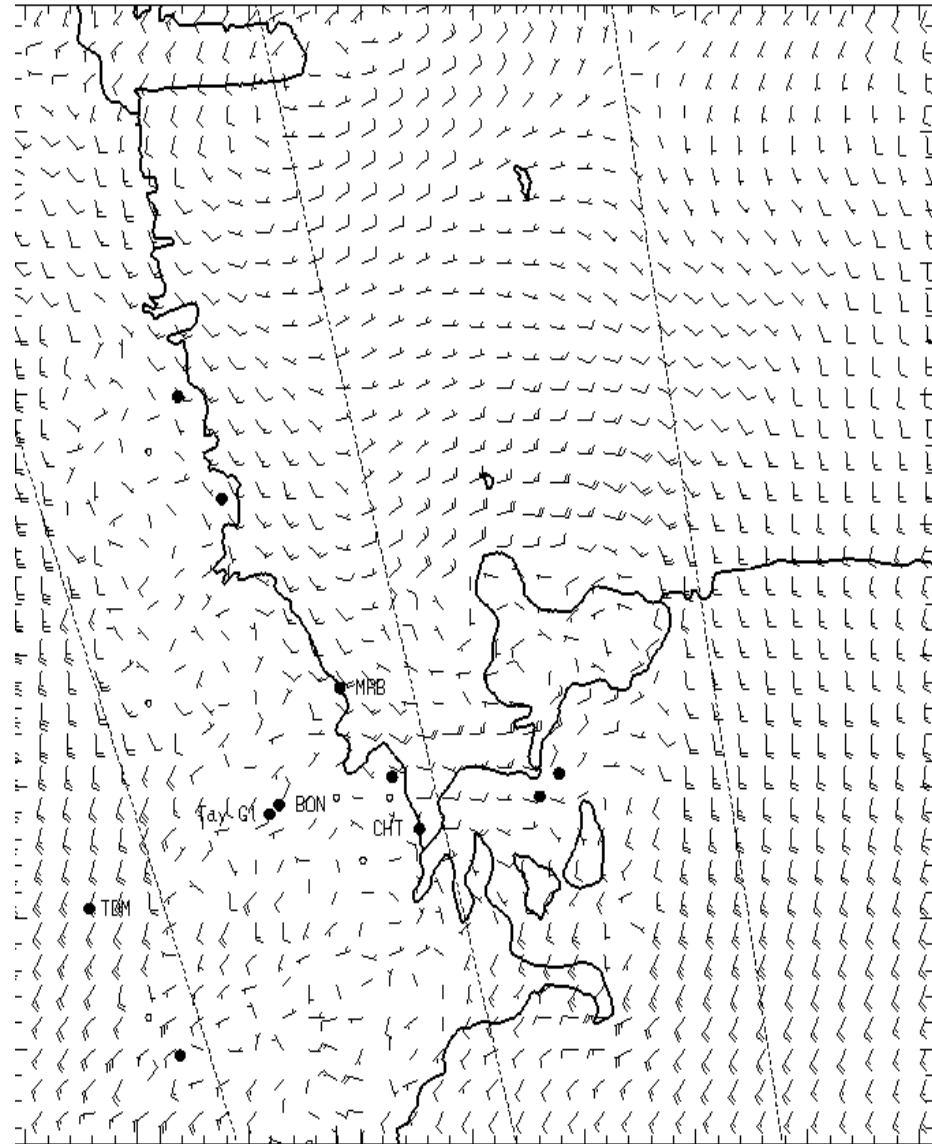


1300L

1,000 ft AGL

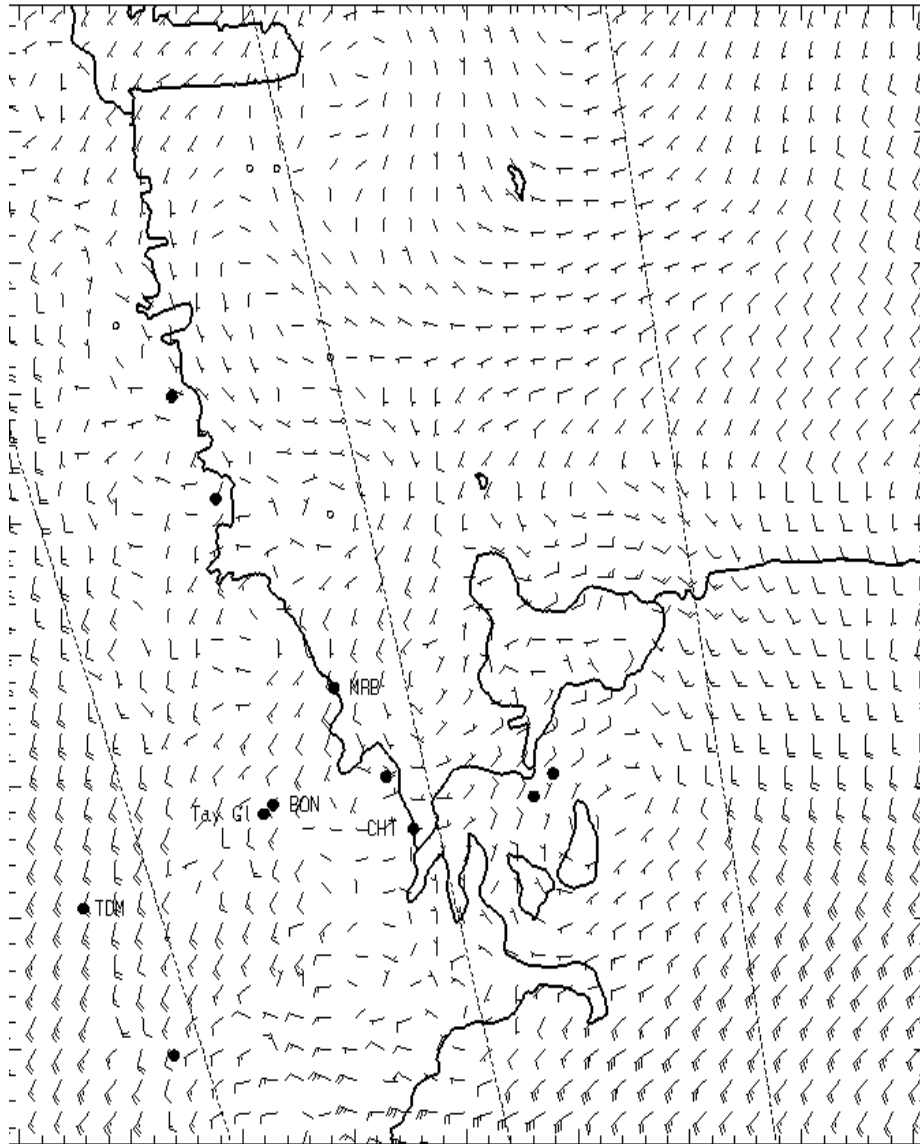


0700L

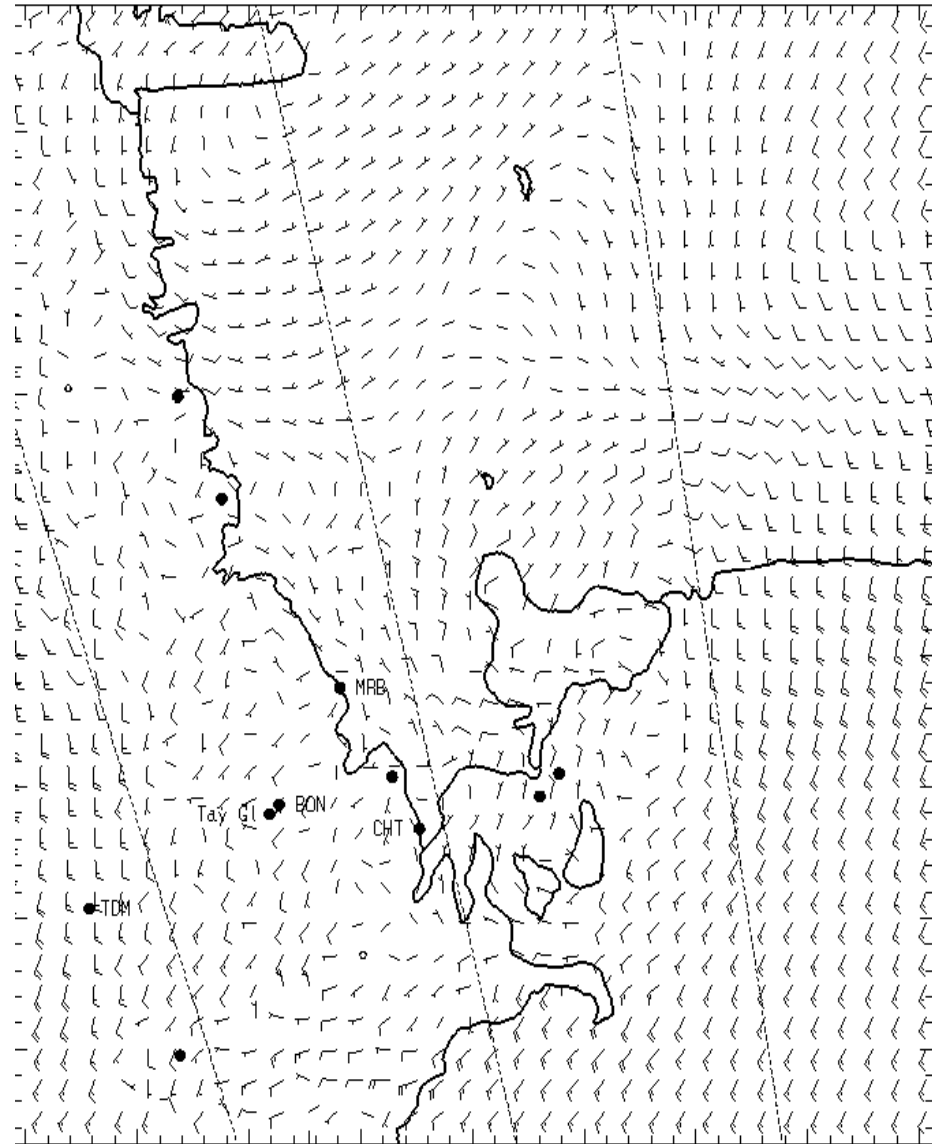


1300L

3,000 ft AGL

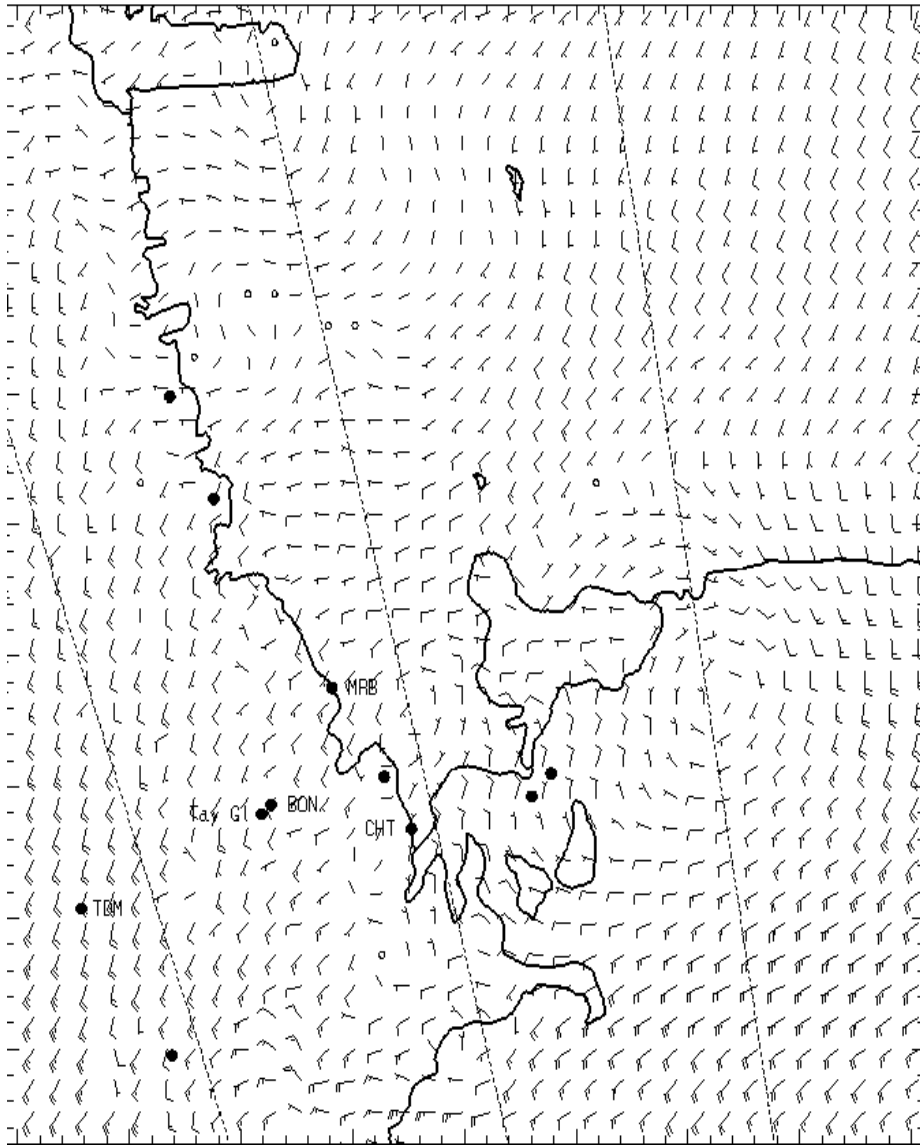


0700L

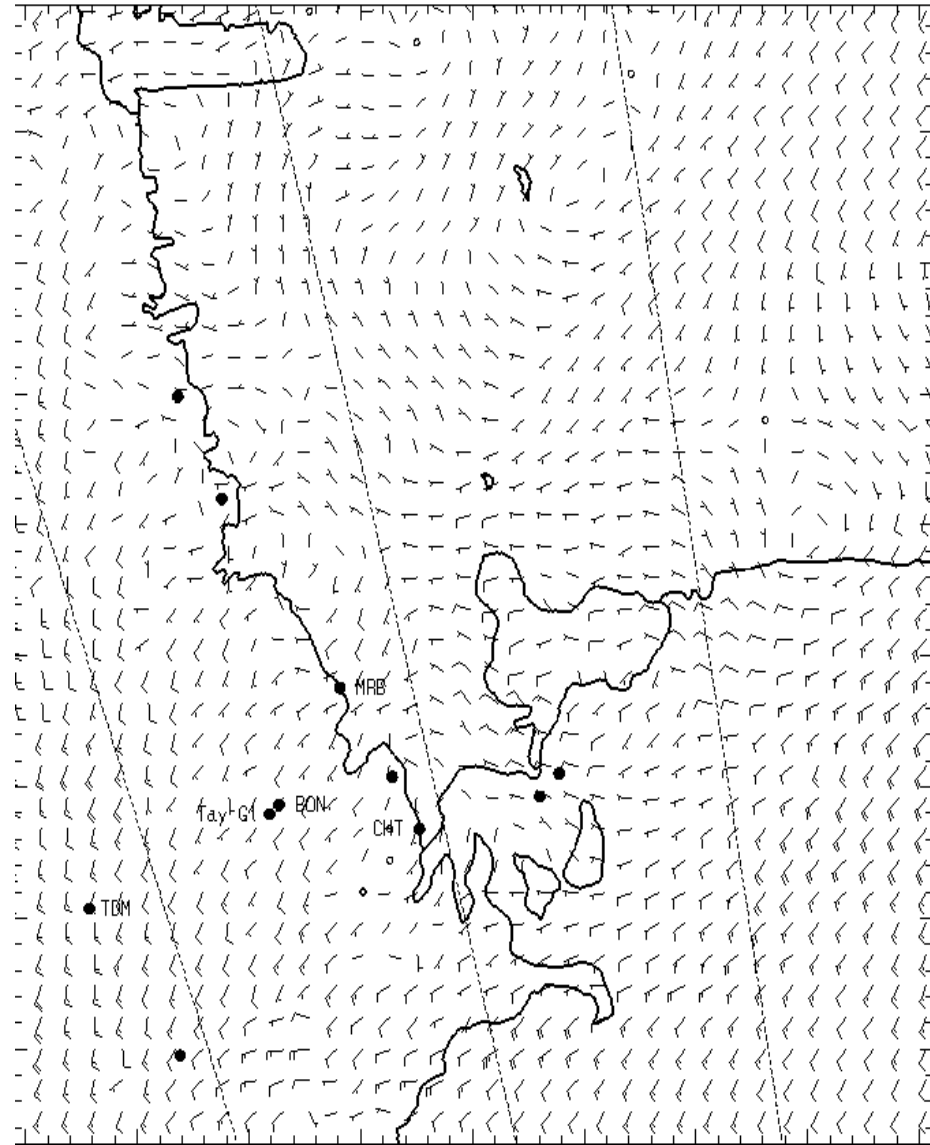


1300L

5,000 ft AGL



0700L



1300L