



HELO Weather

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

Date (L): Tuesday, 03 January 2023

Brief Time (L): 0615

Briefing Number: 01-03

FCSTR: Jeff Fournier

REGIONAL SUMMARY

A high pressure ridge will build across the Ross Sea & Ice Shelf today, bringing fair weather and generally light winds to the region. With sinking and drier air, much of the region will experience fair weather today. There may be some increase in clouds in the 1-thousand to 2-thousand ft above MSL range tonight, mainly in McMurdo Sound and adjacent coasts, as NW winds bring in more moisture from the Ross Sea and McMurdo Sound.

HAZARDS

LOCALIZED IFR VISIBILITY IN BR AT MT EREBUS, MAINLY THIS MORNING, AND MAINLY BETWEEN 060 AND 100 FT. LIGHT TURBULENCE NEAR AND OVER RUGGED TERRAIN.

LATEST MCMURDO OBSERVATION

METAR ZCMA 021648Z AUTO 07011KT 9999 SKC M05/M11 A2907 RMK AO2 SLP849 GRID24011KT=

RUNWAY TAFS

TAF NZFX 021457Z 0215/0315 (0304/0404NZDT) VRB06KT 9999 SCT060 QNH2907INS

TAF NZWD 021457Z 0215/0315 (0304/0404NZDT) VRB06KT 9999 SCT060 QNH2907INS

MCMURDO HELIPAD FORECAST (VALID TIME: 03/0600L – 03/1800L)

SFC WIND (TRUE): 06012KT BECMG 34007KT AFT 10L, BECMG 32013KT AFT 16L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT060

MIN ALSTG: 2906INS

HAZARDS: OCNL LGT TURBC BEFORE 10L AND AFTER 16L

SITE & AREA FORECASTS (VALID TIME: 03/0600L – 03/1800L)

SCOTT BASE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT060

MIN ALSTG: 2906INS

HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): 34007KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW060
MIN ALSTG: 2907INS
HAZARDS: NIL

LINDA AWS

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2876INS
HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): 34006KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2906INS
HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): 07006KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2902INS
HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 07004KT BECMG 04012KT AFT 14L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW060
MIN ALSTG: 2901INS
HAZARDS: NIL

TAYLOR VALLEY

SFC WIND (TRUE): 05007KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW060
MIN ALSTG: 2899INS
HAZARDS: NIL

BEACON VALLEY

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW060
MIN ALSTG: 2878INS
HAZARDS: NIL

LAKE MIERS

SFC WIND (TRUE): 11007KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2895INS
HAZARDS: NIL

HOWARD GLACIER

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2905INS
HAZARDS: NIL

GARWOOD VALLEY

SFC WIND (TRUE): 12006KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2893INS
HAZARDS: NIL

WRIGHT HUT

SFC WIND (TRUE): 24006KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2866INS
HAZARDS: NIL

ADAMS SG

SFC WIND (TRUE): 11007KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2895INS
HAZARDS: NIL

CAPE ROYDS

SFC WIND (TRUE): 04008KT BECMG 25012KT AFT 12L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2903INS
HAZARDS: NIL

MT VOLSIPS

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2884INS
HAZARDS: NIL

MT NEWALL

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2873INS
HAZARDS: NIL

TRACHYTE HILL

SFC WIND (TRUE): 02007KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2887INS
HAZARDS: NIL

HUTTON CLIFFS

SFC WIND (TRUE): 06010KT BECMG VRB06KT AFT 11L, BECMG 34010KT AFT 16L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2904INS
HAZARDS: NIL

HOOPERS SHOULDER

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR TEMPO 1-2 BR BEFORE 11L
SKY CONDITION (MSL): SCT060 TEMPO VV004 BEFORE 11L
MIN ALSTG: 2862INS
HAZARDS: TRACE ICG IN CLOUD/BR

LOWER EREBUS HUT

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR TEMPO 1-2 BR BEFORE 11L
SKY CONDITION (MSL): SCT100 TEMPO VV004 BEFORE 11L
MIN ALSTG: 2840INS
HAZARDS: TRACE ICG IN CLOUD/BR

CONEZ

SFC WIND (TRUE): 12010KT BECMG VRB05KT AFT 11L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT100 TEMPO BKN100 BEFORE 11L
MIN ALSTG: 2825INS
HAZARDS: NIL

NAUSEA KNOB

SFC WIND (TRUE): 16010KT BECMG VRB06KT AFT11L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT100 TEMPO BKN100 BEFORE 11L
MIN ALSTG: 2827INS
HAZARDS: NIL

MACZ

SFC WIND (TRUE): 04006KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060
MIN ALSTG: 2903INS
HAZARDS: NIL

OAMARU PEAK

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT060 TEMPO BKN060 BEFORE 11L
MIN ALSTG: 2876INS
HAZARDS: NIL

NIGHT AREA OUTLOOKS (VALID TIME: 02/1800L – 03/0600L)

BOMBZ

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SKC
MIN ALSTG: 2867INS
HAZARDS: NIL

CAPE ROYDS

SFC WIND (TRUE): 36011KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT015 TEMPO BKN015 AFT 12L
MIN ALSTG: 2901INS
HAZARDS: TRACE RIME ICG AFT 12L

BEACON VALLEY

SFC WIND (TRUE): 04004KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW040
MIN ALSTG: 2880INS
HAZARDS: NIL

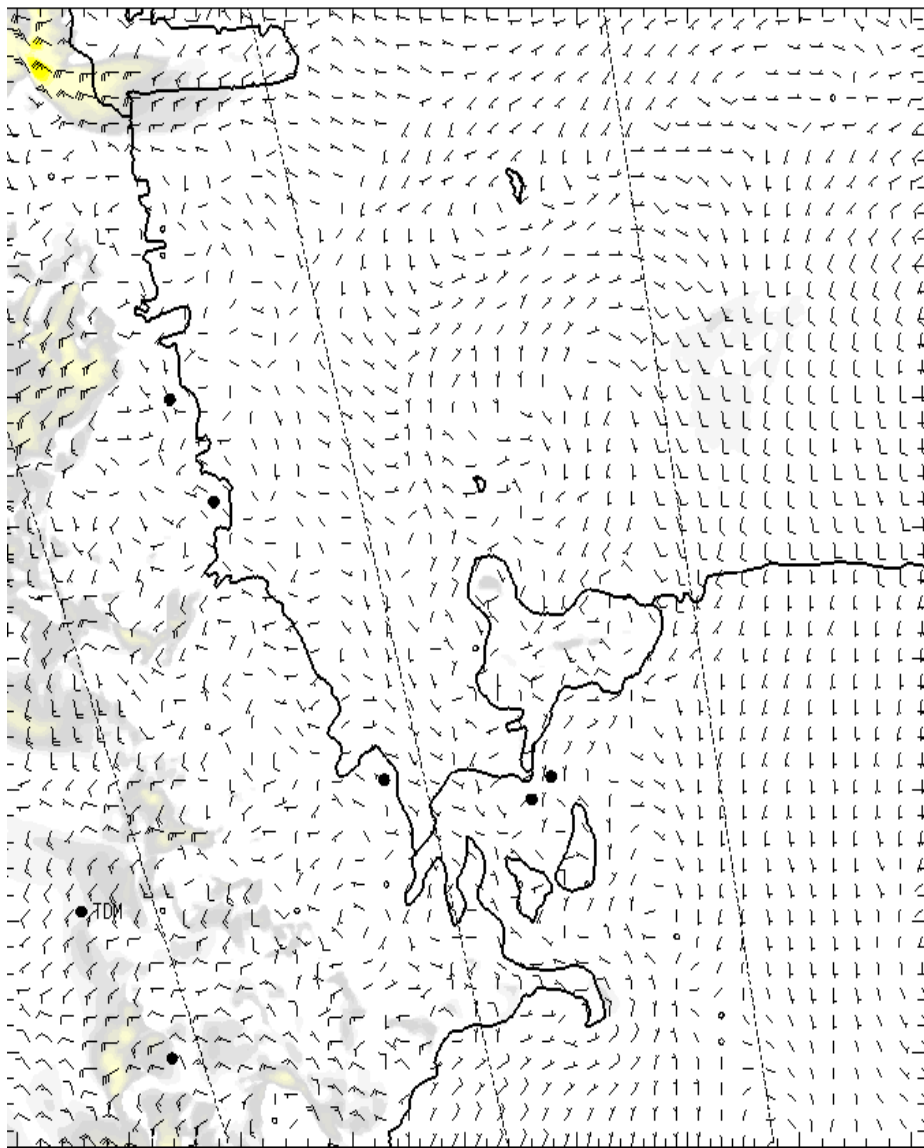
HOWARD GLACIER

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT015 TEMPO BKN015 AFT 12L
MIN ALSTG: 2902INS
HAZARDS: TRACE RIME ICG AFT 12L

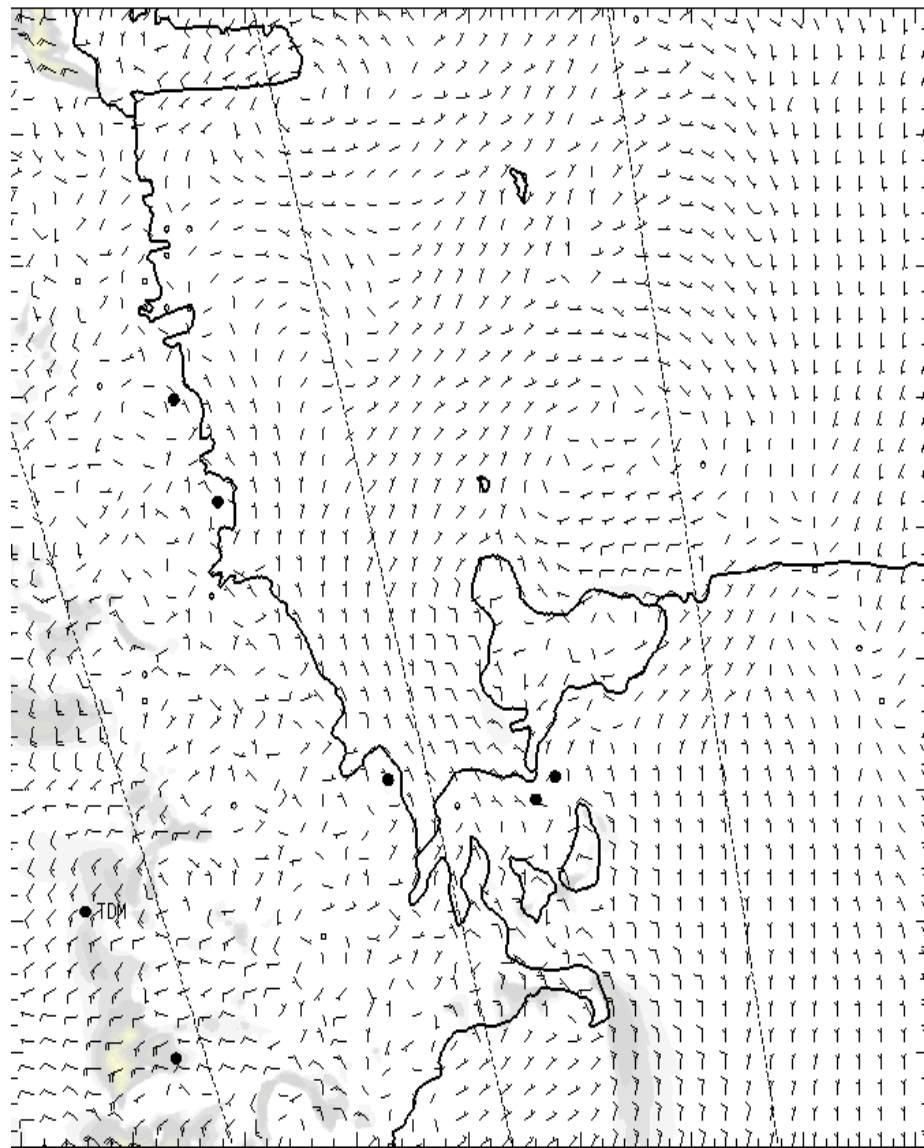
HUTTON CLIFFS

SFC WIND (TRUE): 30012KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT015 TEMPO BKN015 AFT 12L
MIN ALSTG: 2903INS
HAZARDS: NIL

SFC

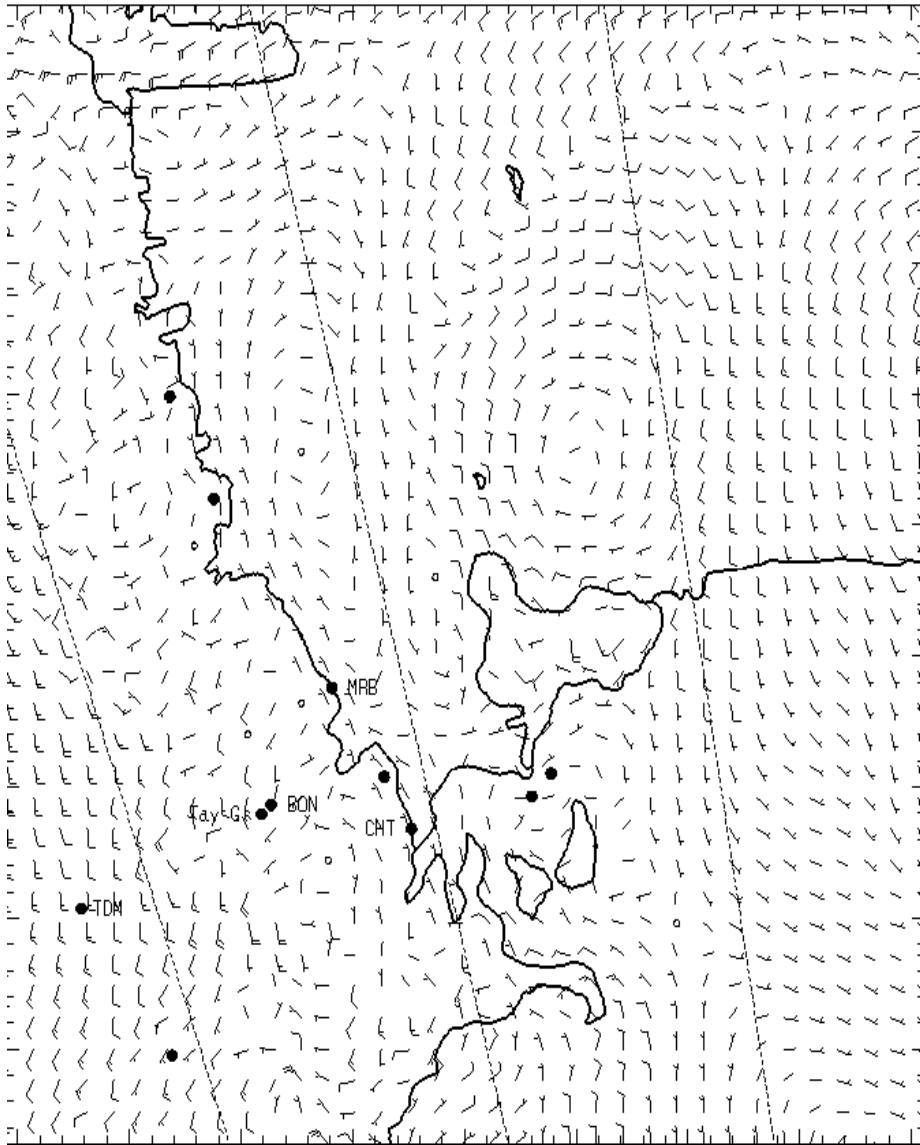


0700L

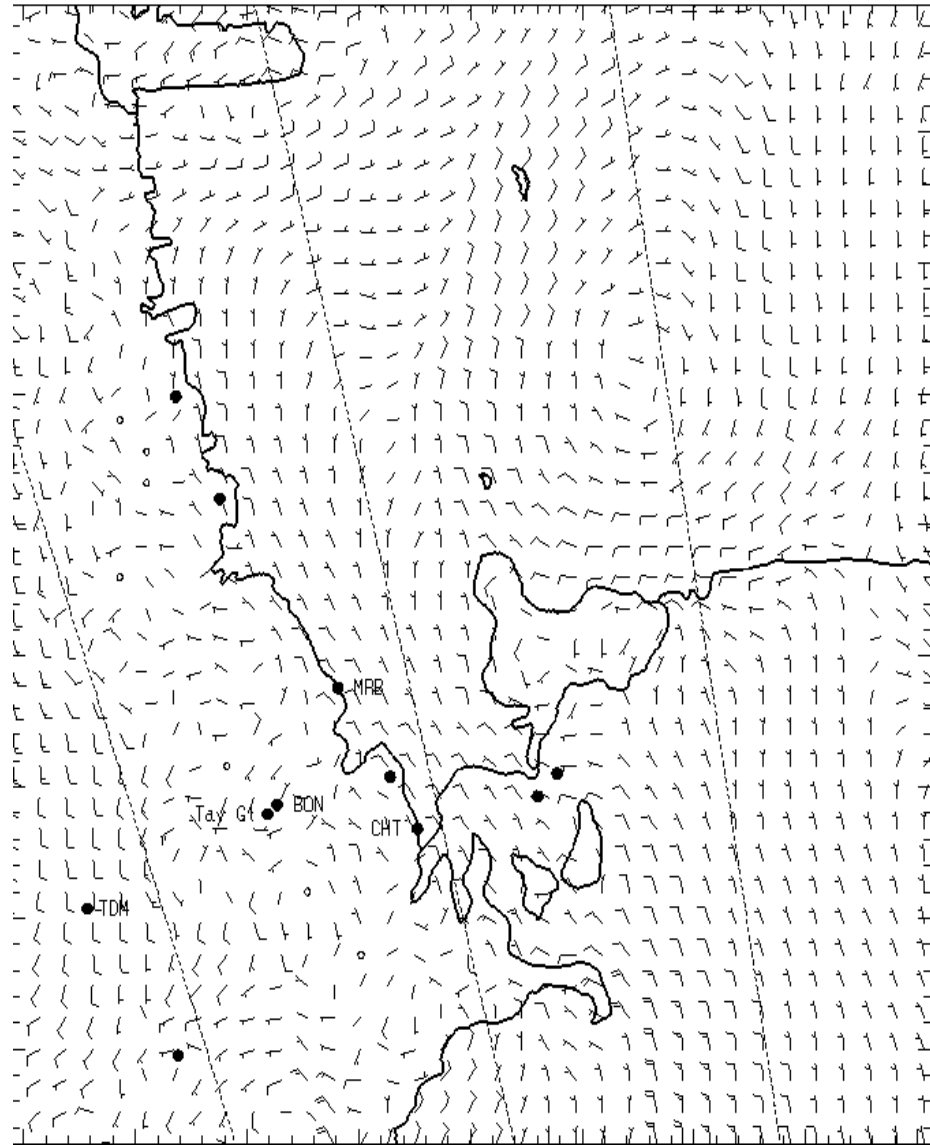


1300L

1,000 ft AGL

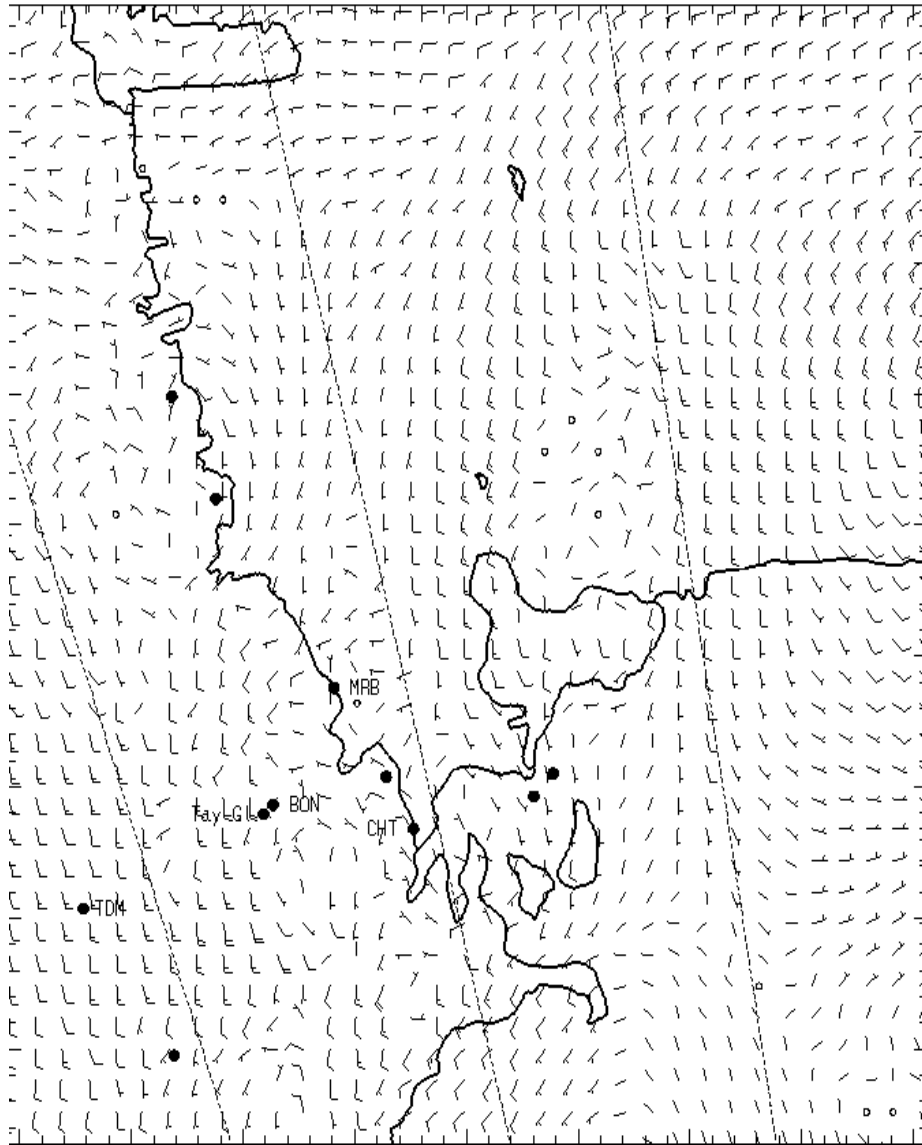


0700L

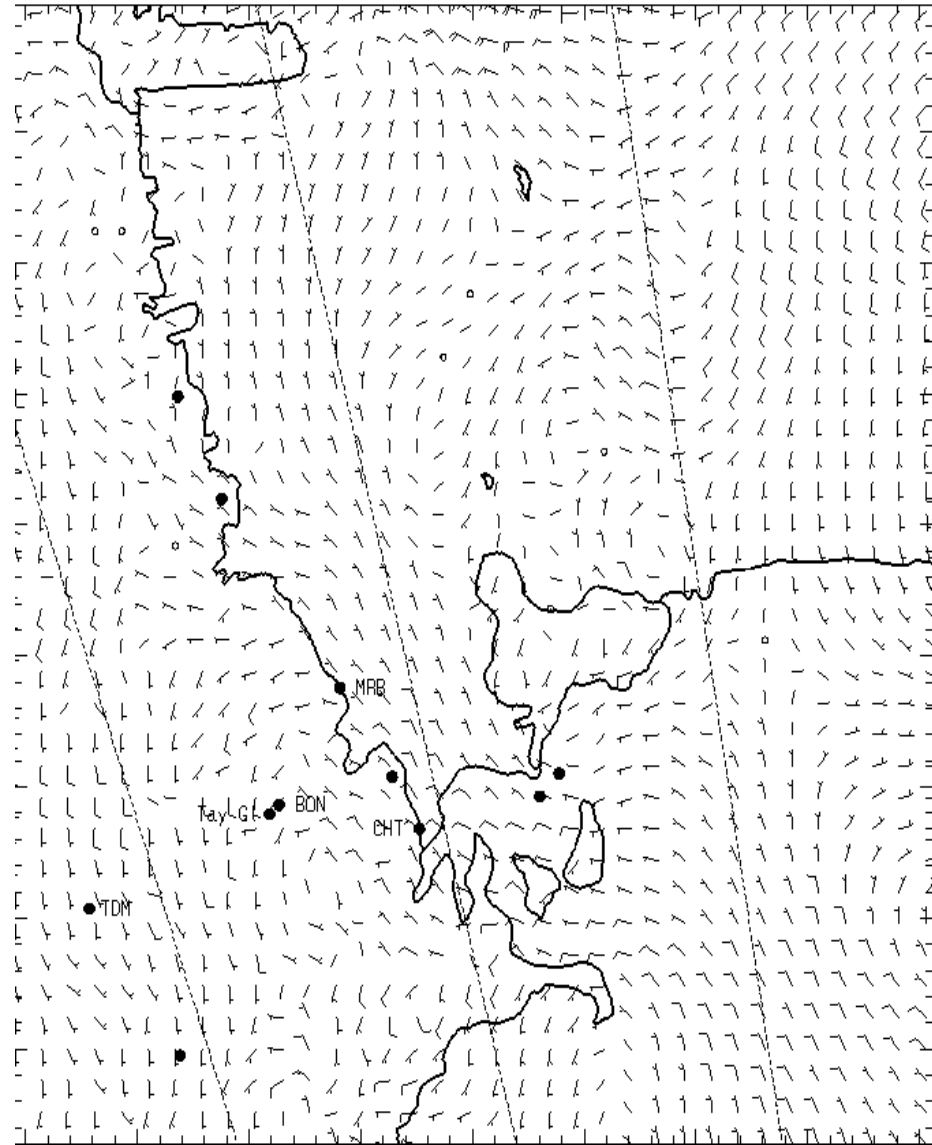


1300L

3,000 ft AGL

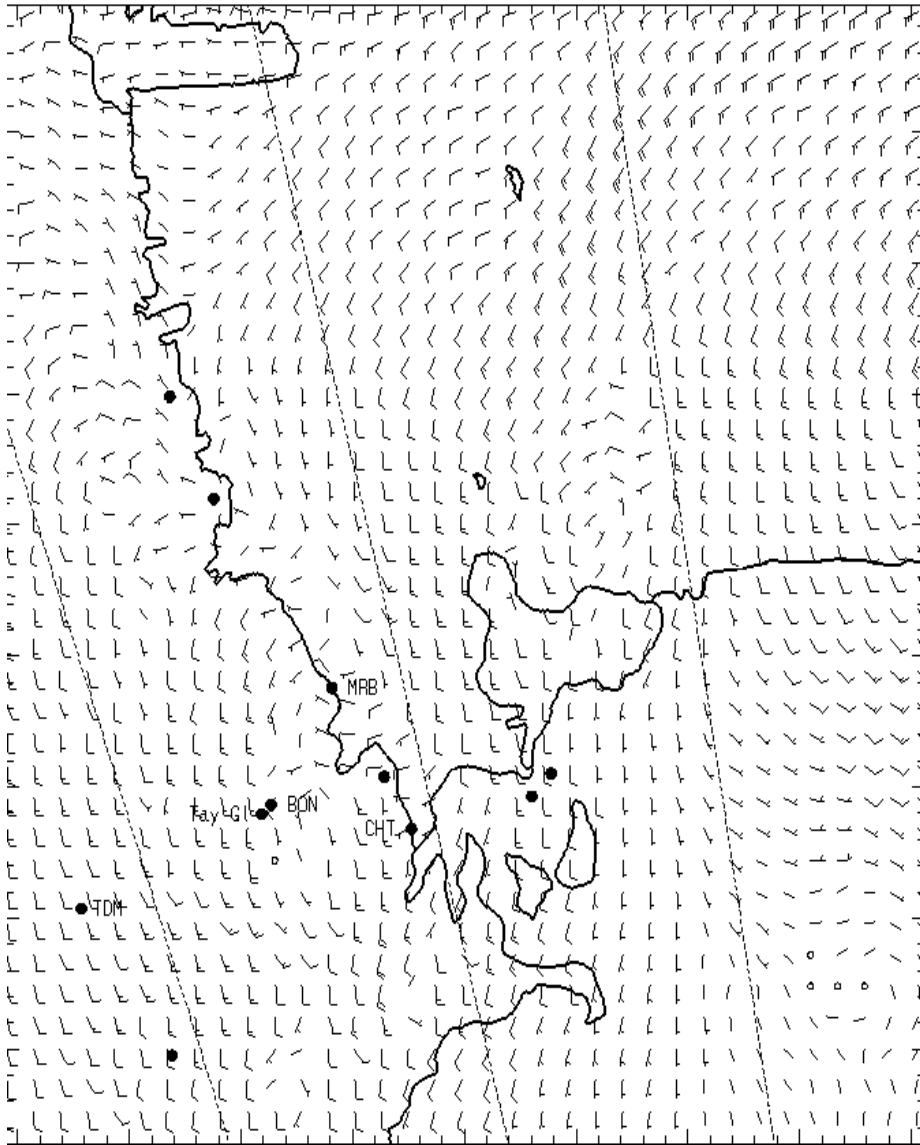


0700L

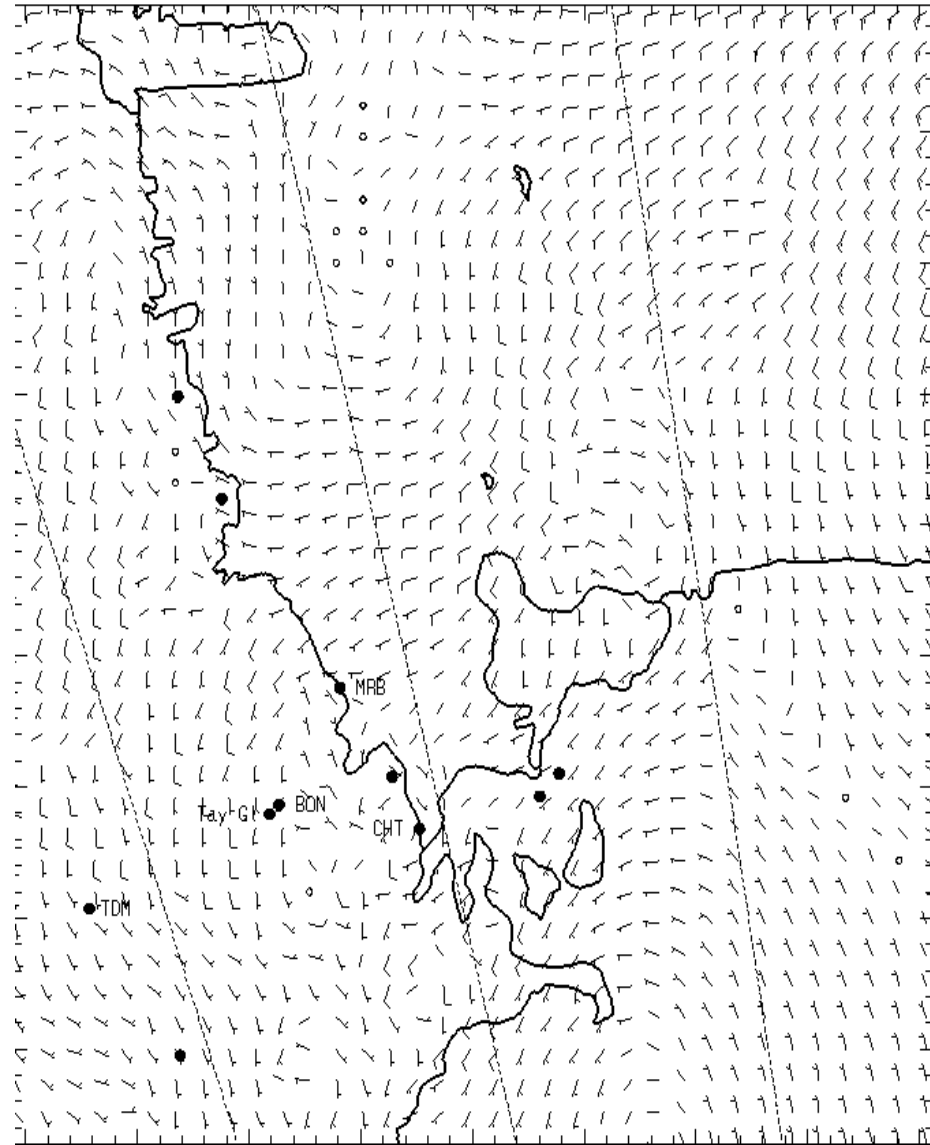


1300L

5,000 ft AGL



0700L



1300L