



HELO Weather

McMurdo Weather
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Briefing Counter: x43353

Date (L): Tuesday, 27 December 2022

Brief Time (L): 0615

Briefing Number: 12-22

FCSTR: Jeff Fournier

REGIONAL SUMMARY

Relatively light NW flow in the low levels will continue, as the Ross Island region remains situated between broad high pressure over the Ross Sea and a weak area of low pressure centered over the central Ross Ice Shelf. Low-layer moisture, in the form of areas of broken to overcast clouds (with bases between 1200 ft and 2000 ft above MSL), will continue across much of McMurdo Sound, the coasts of Ross Island, and at the airfields.

HAZARDS

AREAS OF MVFR CLOUD CEILINGS ACROSS MCMURDO SOUND, ALONG THE COASTS OF ROSS ISLAND, AND THE AIRFIELDS. ISOLATED MVFR VISIBILITY IN BR IN THESE REGIONS AS WELL.
TRACE ICING IN LOW CLOUD LAYERS THROUGH TONIGHT.
LIGHT TO LOCALLY MODERATE TURBUENCE POSSIBLE NEAR RUGGED TERRAIN.

LATEST MCMURDO OBSERVATION

METAR ZCMA 261636Z AUTO 31011G16KT 9999 BKN014 OVC020 M04/M07 A2904 RMK AO2 SLP839 GRID12011G16KT=

RUNWAY TAFS

TAF NZFX 261458Z 2615/2715 (2704/2804NZDT) 30008KT 9999 SCT008 BKN014 600141 QNH2894INS GRID11008KT
BECMG 2700/2702 (2713/2715) VRB06KT 9999 SCT020 BKN150 QNH2890INS

TAF NZWD 261458Z 2615/2715 (2704/2804NZDT) 32008KT 9999 FEW008 BKN015 600151 QNH2894INS GRID13008KT
BECMG 2700/2702 (2713/2715) VRB06KT 9999 SCT020 BKN150 QNH2890INS

MCMURDO HELIPAD FORECAST (VALID TIME: 27/0600L – 27/1800L)

SFC WIND (TRUE): 33010KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW008 BKN015 TEMPO SCT015 AFT 12L
MIN ALSTG: 2890INS
HAZARDS: TRACE ICG IN CLOUD

SITE & AREA FORECASTS (VALID TIME: 27/0600L – 27/1800L)

SCOTT BASE

SFC WIND (TRUE): 33010KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW008 BKN015 TEMPO SCT015 AFT 12L
MIN ALSTG: 2890INS
HAZARDS: TRACE ICG IN CLOUD

MARBLE POINT

SFC WIND (TRUE): 33010KT BECMG VRB06KT AFT 09L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT008 BKN012 TEMPO SCT015 AFT 12L
MIN ALSTG: 2888INS
HAZARDS: TRACE ICG IN CLOUD

BLACK ISLAND

SFC WIND (TRUE): 30008KT BECMG 04007KT AFT 12L
SFC VISIBILITY (SM): UNR, TEMPO 1-2 BR 06-12L
SKY CONDITION (MSL): FEW008 BKN015, BECMG SCT015 AFT 12L
MIN ALSTG: 2887INS
HAZARDS: TRACE ICG IN CLOUD

MOORE'S BAY

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2884INS
HAZARDS: NIL

MINNA BLUFF

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2872INS
HAZARDS: NIL

MINNA **HOVER (-78.6903, 169.0151)**

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2885INS
HAZARDS: NIL

MINNA **RD5a (-78.681, 168.7436)**

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2885INS
HAZARDS: NIL

MINNA **RD5b (-78.6723, 168.3832).**

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2885INS
HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW015 SCT150
MIN ALSTG: 2885INS
HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): 12007KT
SFC VISIBILITY (SM): UNR TEMPO 3-5 BR AFT 13L
SKY CONDITION (MSL): SCT150 TEMPO SCT008 BKN012 AFT 13L
MIN ALSTG: 2890INS
HAZARDS: TRACE ICG IN CLOUD

LAKE BONNEY

SFC WIND (TRUE): 25015G25KT, BECMG 21025G35KT AFT 16L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2883INS
HAZARDS: LGT-OCNL MDT TURBC SFC-010

ELLB

SFC WIND (TRUE): 25015G25KT, BECMG 21022G35KT AFT 17L
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2883INS
HAZARDS: LGT-OCNL MDT TURBC SFC-010

MT NEWALL

SFC WIND (TRUE): 23018KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2860INS
HAZARDS: NIL

S FORK WRIGHT

SFC WIND (TRUE): 15012KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2865INS
HAZARDS: NIL

HOWARD GL

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): 4-6 BR
SKY CONDITION (MSL): SCT008 BKN012
MIN ALSTG: 2885INS
HAZARDS: TRACE ICG IN CLOUD

CAPE ROYDS

SFC WIND (TRUE): 03015KT
SFC VISIBILITY (SM): 3-5 BR
SKY CONDITION (MSL): SCT008 BKN012
MIN ALSTG: 2886INS
HAZARDS: TRACE ICG IN CLOUD

CAPE BIRD

SFC WIND (TRUE): 04010KT
SFC VISIBILITY (SM): UNR, 4-6 BR
SKY CONDITION (MSL): SCT008 BKN012
MIN ALSTG: 2886INS
HAZARDS: TRACE ICG IN CLOUD

SEA ICE

SFC WIND (TRUE): 35009KT
SFC VISIBILITY (SM): 3-5 BR
SKY CONDITION (MSL): SCT008 BKN012
MIN ALSTG: 2886INS
HAZARDS: TRACE ICG IN CLOUD

NIGHT AREA OUTLOOKS (VALID TIME: 27/1800L – 28/0600L)

SEA ICE

SFC WIND (TRUE): 02006KT
SFC VISIBILITY (SM): 3-5 BR
SKY CONDITION (MSL): SCT008 BKN012
MIN ALSTG: 2883INS
HAZARDS: TRACE ICG IN CLOUD

NAUSEA KNOB

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2831INS
HAZARDS: NIL

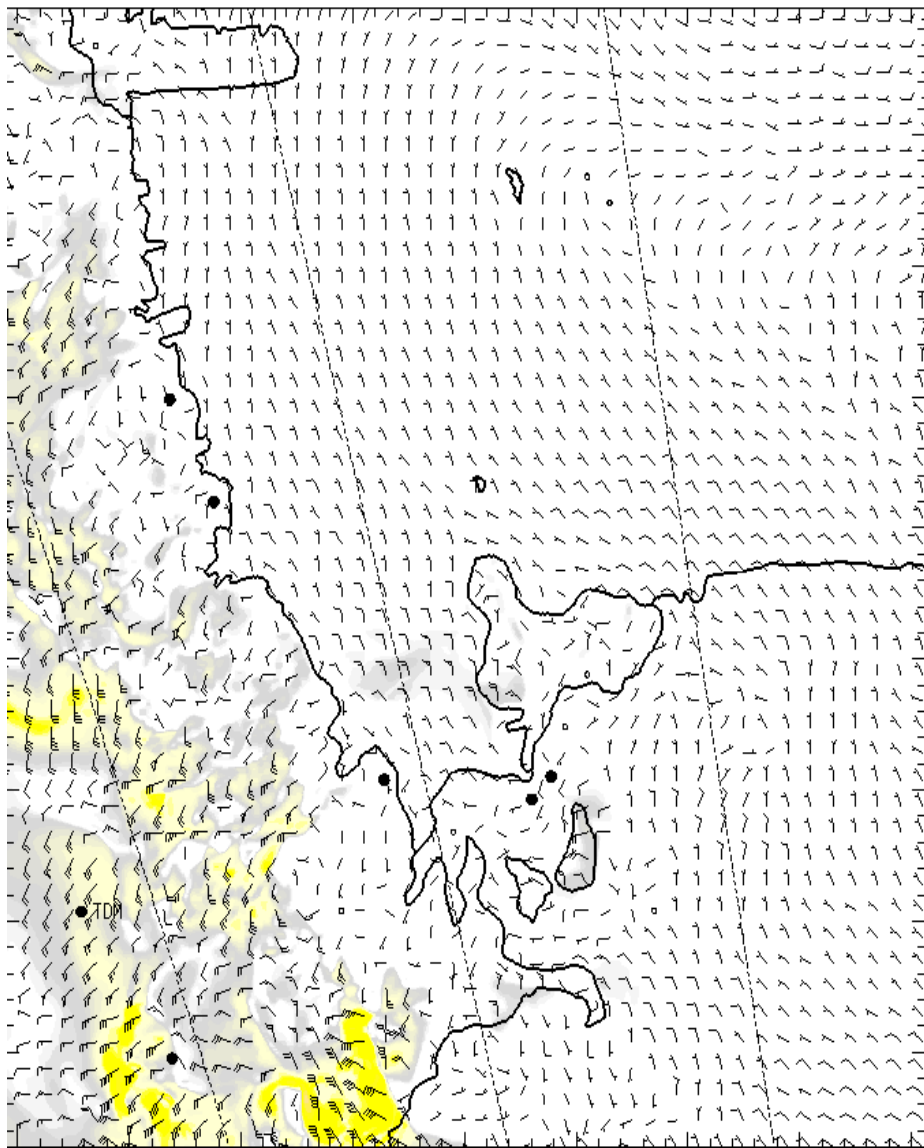
S FORK WRIGHT

SFC WIND (TRUE): 17020KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2864INS
HAZARDS: NIL

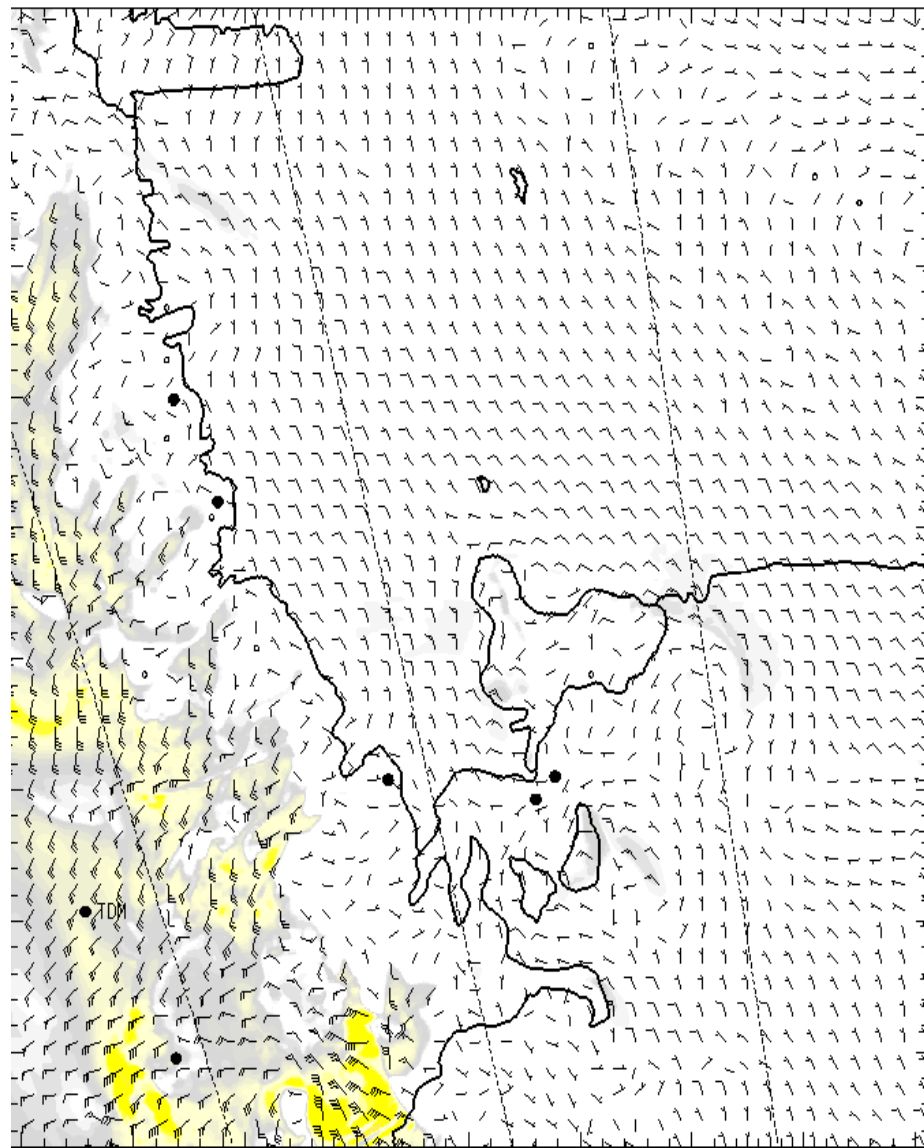
HOWARD GLACIER

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): 4-6 BR
SKY CONDITION (MSL): SCT008 BKN012
MIN ALSTG: 2882INS
HAZARDS: TRACE ICG IN CLOUD

SFC

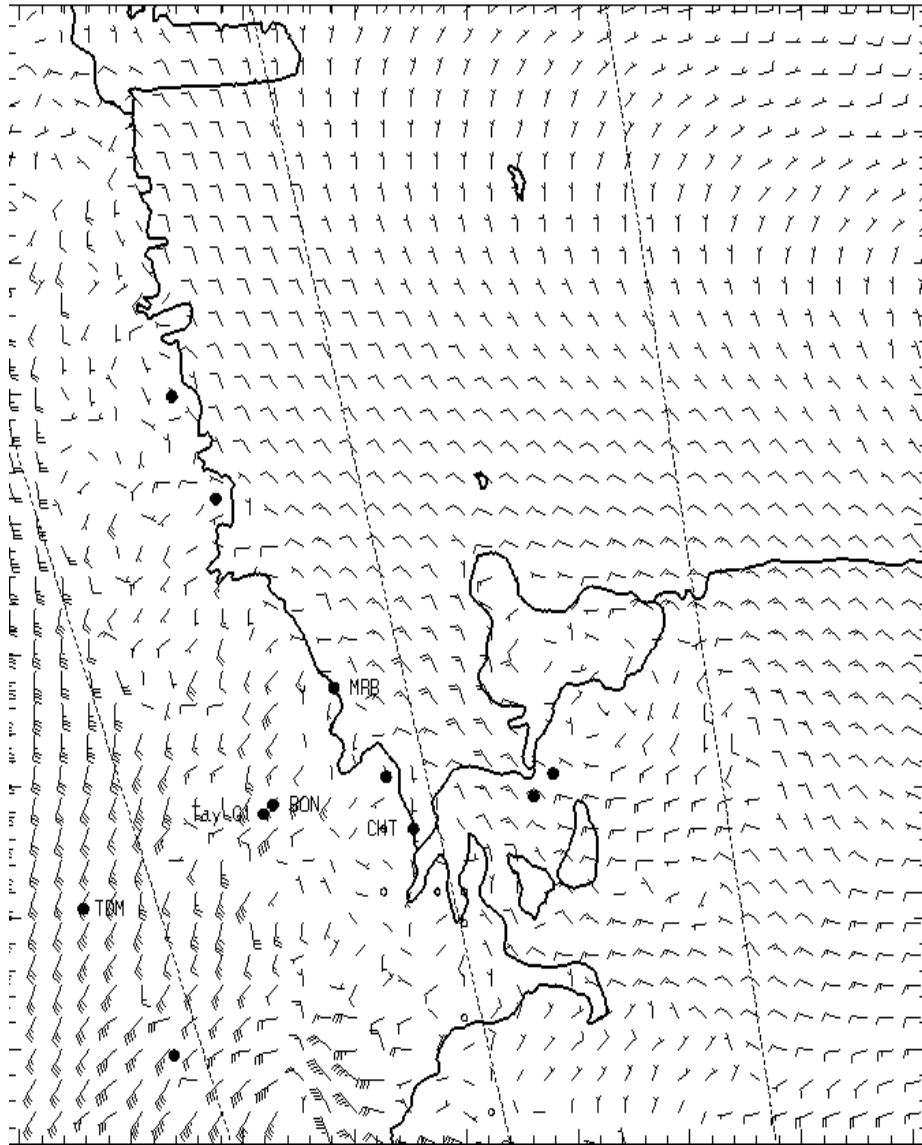


0700L

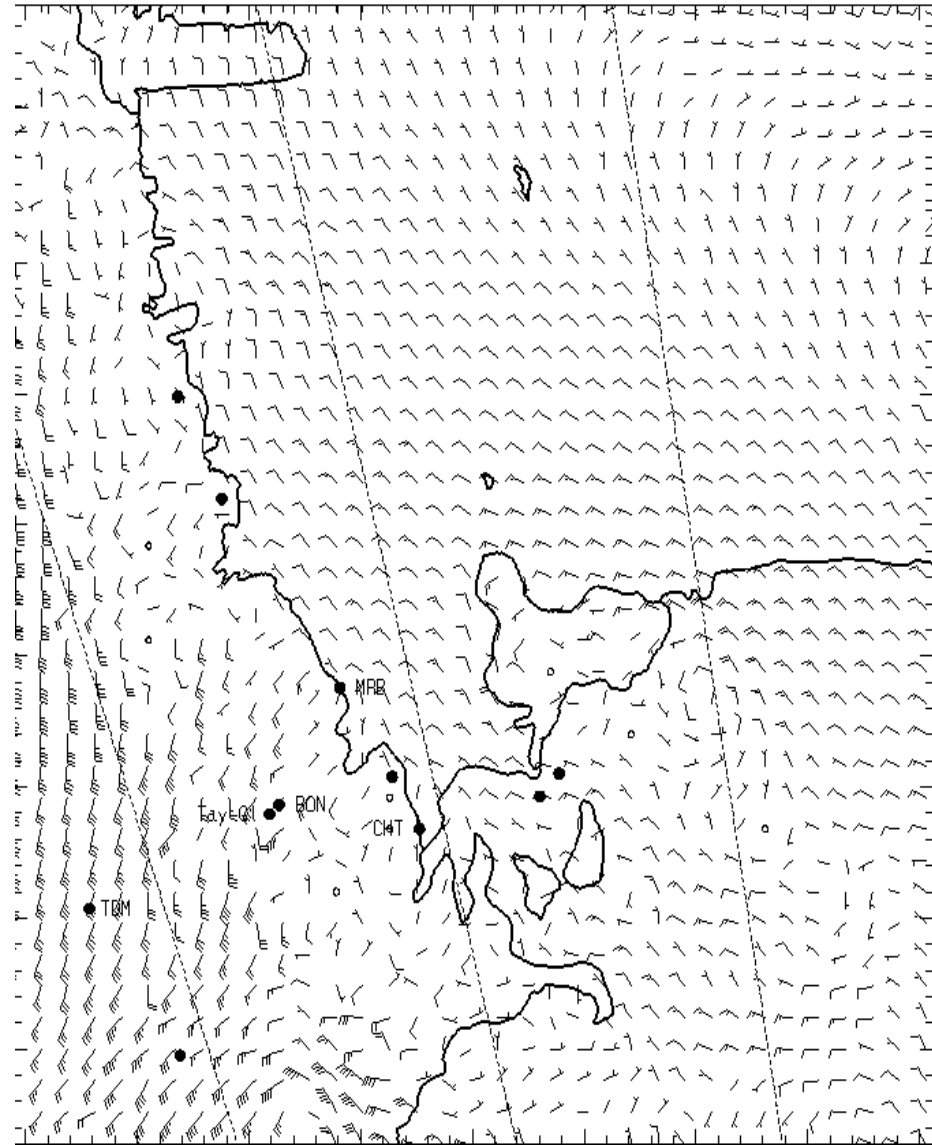


1300L

1,000 ft AGL

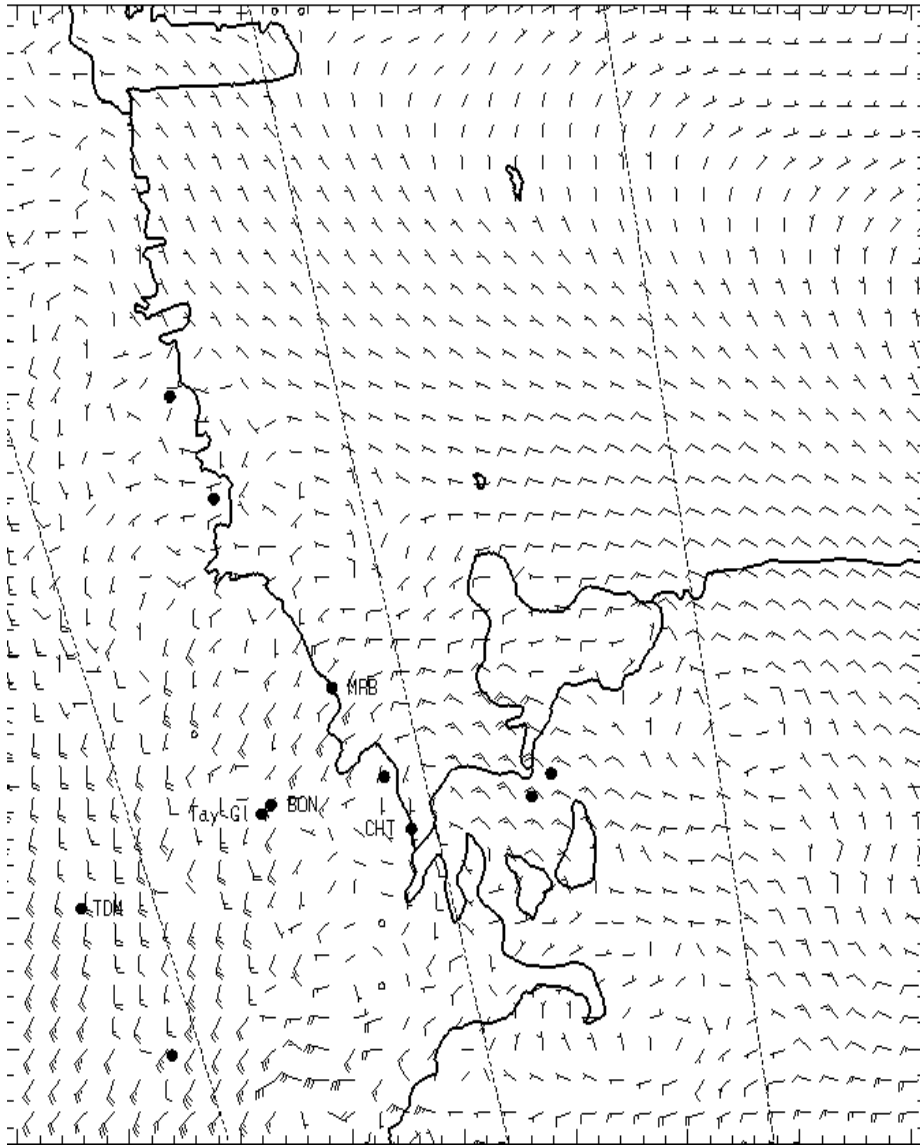


0700L

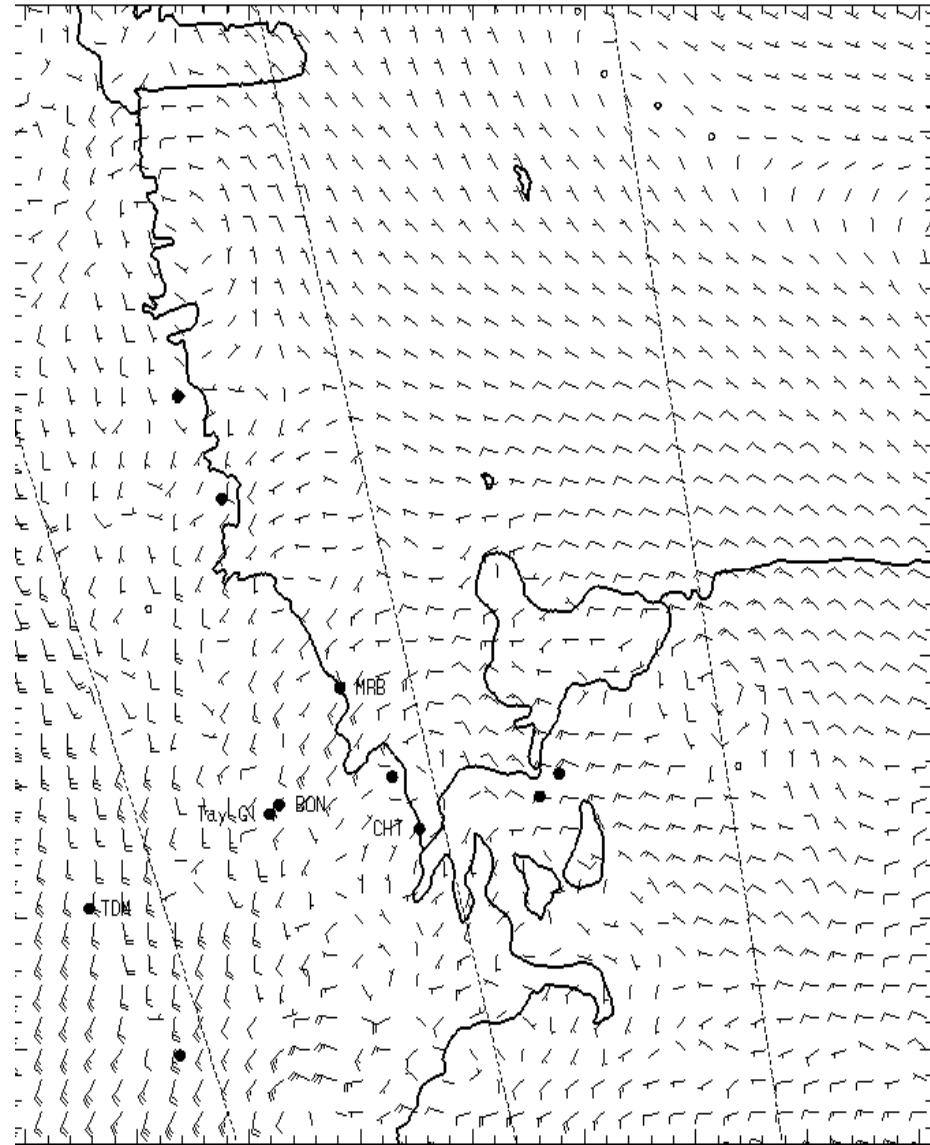


1300L

3,000 ft AGL

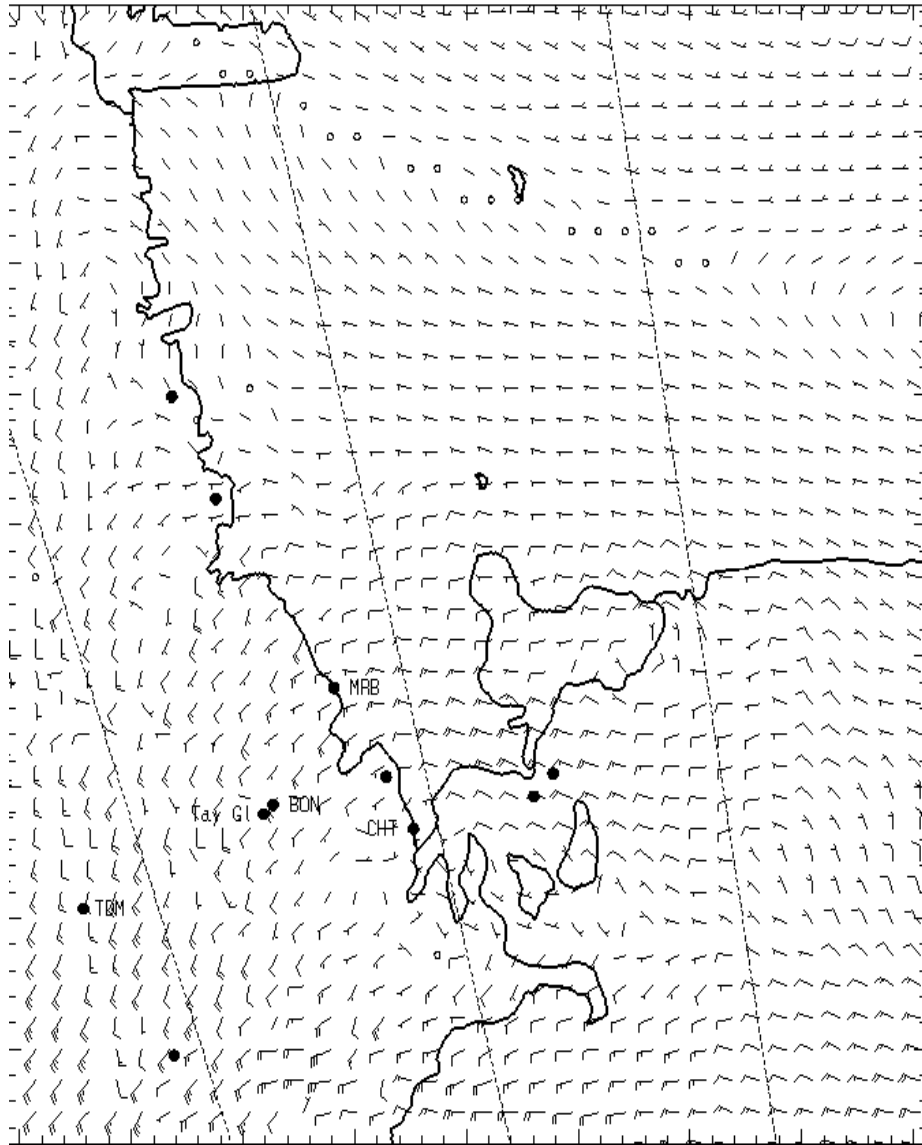


0700L

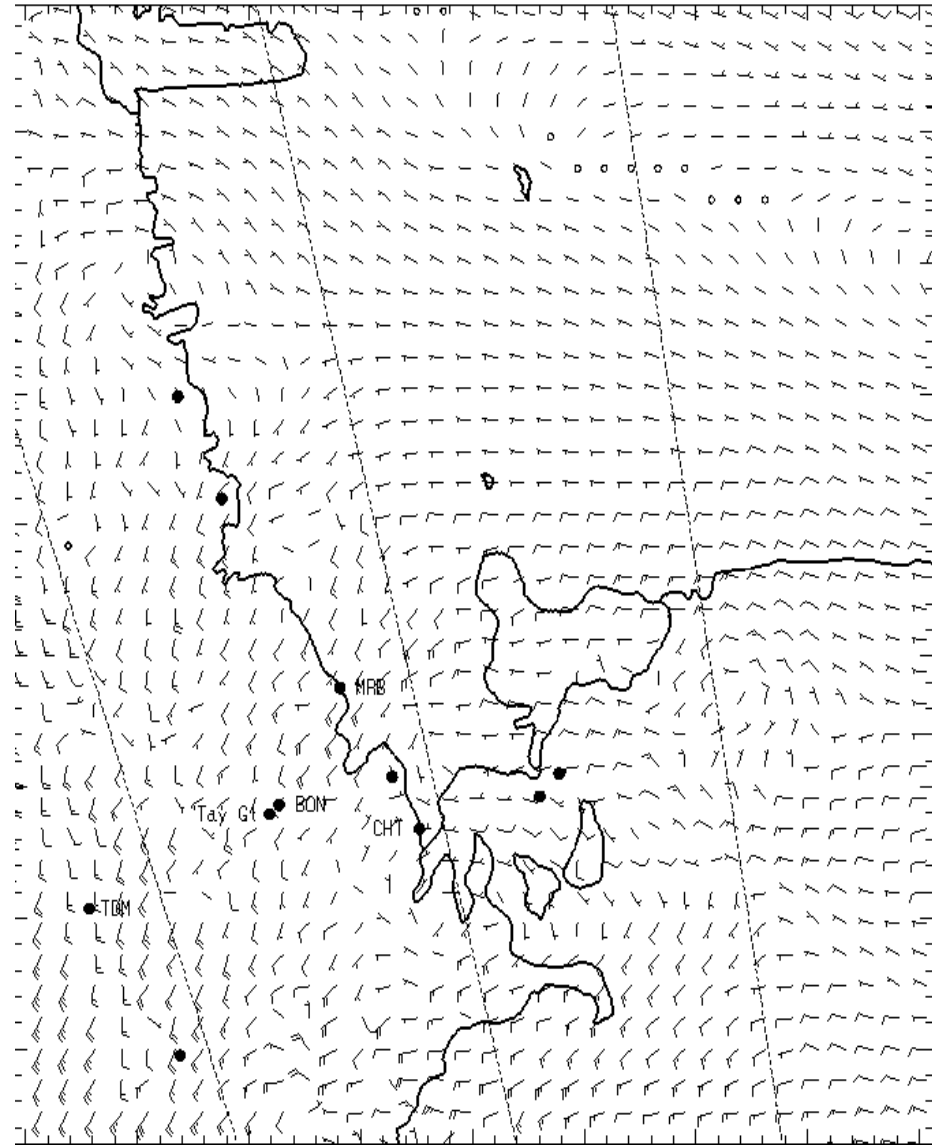


1300L

5,000 ft AGL



0700L



1300L