



HELO Weather

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

Date (L): Friday, 9 December 2022

Brief Time (L): 0615

Briefing Number: 12-08

FCSTR: Alan Stratton

REGIONAL SUMMARY

Low pressure over the eastern Ross Sea continues to interact with high pressure over east Antarctica producing a southerly flow over the western and central Ross Ice Shelf. A broad area of low cloud extends along the Trans-Antarctic mountains from Shackleton Glacier north to Minna Bluff to eastern Ross Island. Periodically this low layer will drift west over the Windless occasionally meandering over Hut Peninsula and the McMurdo area. Improving conditions are expected midday. Fair conditions are expected in the Dry Valleys.

HAZARDS

Brisk south-southwesterly winds continue over the plateau creating areas of light to occasional moderate turbulence along the higher ridges of the Dry Valleys.

LATEST MCMURDO OBSERVATION

METAR ZCMA 081525Z AUTO 11012G18KT 050V140 9999 SKC M08/M12 A2914 RMK AO2 SLP872 GRID28012G18KT 220V310=

RUNWAY TAFS

TAF NZFX 081456Z 0815/0915 (0904/1004NZDT) 15014KT 9999 DRSN SCT020 SCT060 BKN200 QNH2896INS
GRID32014KT
BECMG 0904/0906 (0917/0919) VRB06KT 9999 NSW FEW020 SCT060 BKN200 QNH2887INS

TAF NZWD 081456Z 0815/0915 (0904/1004NZDT) 12013KT 9999 DRSN SCT020 SCT060 BKN200 QNH2896INS
GRID29013KT
BECMG 0904/0906 (0917/0919) VRB06KT 9999 NSW FEW020 SCT060 BKN200 QNH2887INS

MCMURDO HELIPAD FORECAST (VALID TIME: 09/0600L – 09/1800L)

SFC WIND (TRUE): 14014G22, BECMG VRB06 AFT 17L

SFC VISIBILITY (SM): 9999

SKY CONDITION (AGL): SCT020 SCT060 BKN200

MIN ALSTG: 2894INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 09/0600L – 09/1800L)

MARBLE POINT

SFC WIND (TRUE): VRB06KT, BECMG 35007KT AFT 11L

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): FEW025 SCT050 SCT085

MIN ALSTG: 2897INS

HAZARDS: NIL

SCOTT BASE

SFC WIND (TRUE): 06008KT, BECMG VRB06KT AFT 13L

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): SCT010 BKN085, BECMG FEW025 FEW080

MIN ALSTG: 2899INS

HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): 16025G35KT, BECOMING 19015G25KT AFT 10L, VRB06KT AFT 17L

SFC VISIBILITY (SM): UNR, TEMPO 06-11L ½ - 1 BR OVC003 (STATION IN CLOUD)

SKY CONDITION (AGL): FEW010 SCT035, TEMPO OVC003 (STATION IN CLOUD)

MIN ALSTG: 2895INS

HAZARDS: LGT OCNL MOD TURBC SFC-015

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): FEW050

MIN ALSTG: 2997INS

HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): FEW050

MIN ALSTG: 2894INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 06007KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): SKC

MIN ALSTG: 2892INS

HAZARDS: NIL

F6

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): FEW050

MIN ALSTG: 2897INS

HAZARDS: NIL

HJORTH HILL

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): FEW050
MIN ALSTG: 2895INS
HAZARDS: NIL

EXPLORERS COVE

SFC WIND (TRUE): 08010KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): FEW050
MIN ALSTG: 2891INS
HAZARDS: NIL

MEIRS OUTLET SG

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): FEW040
MIN ALSTG: 2883INS
HAZARDS: NIL

MT CEREBERUS

SFC WIND (TRUE): 24010KT
SFC VISIBILITY (SM): UNR, TEMPO 1-2 IN BR 11-14L
SKY CONDITION (AGL): FEW000 (STATION AT CLOUD LEVEL)
MIN ALSTG: 2857INS
HAZARDS: ISOL LGT TURBC 000-020 ABOVE TERRAIN LEVEL

BULL PASS

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): SKC
MIN ALSTG: 2887INS
HAZARDS: NIL

JJ THOMPSON

SFC WIND (TRUE): 24010KT
SFC VISIBILITY (SM): UNR, TEMPO 1-2 IN BR 11-14L
SKY CONDITION (AGL): FEW000 (STATION AT CLOUD LEVEL)
MIN ALSTG: 2855INS
HAZARDS: ISOL LGT TURBC 000-020 ABOVE TERRAIN LEVEL

ADAMS GLACIER

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): SKC
MIN ALSTG: 2884INS

HAZARDS: NIL

MT NEWALL

SFC WIND (TRUE): 22010KT, BECMG 32010KT AFT 13L
SFC VISIBILITY (SM): UNR, TEMPO 1-2 IN BR 11-14L
SKY CONDITION (AGL): FEW000 (STATION AT CLOUD LEVEL)
MIN ALSTG: 2860INS
HAZARDS: ISOL LGT TURBC 000-020 ABOVE TERRAIN LEVEL

CAPE ROYDS

SFC WIND (TRUE): 15015KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): FEW015 SCT050 SCT090, TEMPO BKN010
MIN ALSTG: 2893INS
HAZARDS: NIL

HOOPERS SHOULDER

SFC WIND (TRUE): 16010KT
SFC VISIBILITY (SM): UNR, TEMPO 1-2 IN BR 11-18L
SKY CONDITION (AGL): FEW000 (STATION AT OR ABOVE CLOUD LEVEL) FROM 12-20L
MIN ALSTG: 2845INS
HAZARDS: OCNL LGT RIME ICG IN CLOUD

NIGHT AREA OUTLOOKS (VALID TIME: 09/1800L – 10/0600L)

SFC WIND (TRUE): 15015KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): FEW015 SCT050 SCT090, TEMPO BKN010
MIN ALSTG: 2893INS
HAZARDS: NIL

HOOPERS SHOULDER

SFC WIND (TRUE): 16010KT
SFC VISIBILITY (SM): UNR, TEMPO 1-2 IN BR 11-18L
SKY CONDITION (AGL): FEW000 (STATION AT OR ABOVE CLOUD LEVEL) FROM 12-20L
MIN ALSTG: 2845INS
HAZARDS: OCNL LGT RIME ICG IN CLOUD

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): FEW050
MIN ALSTG: 2889INS
HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): VRB06KT

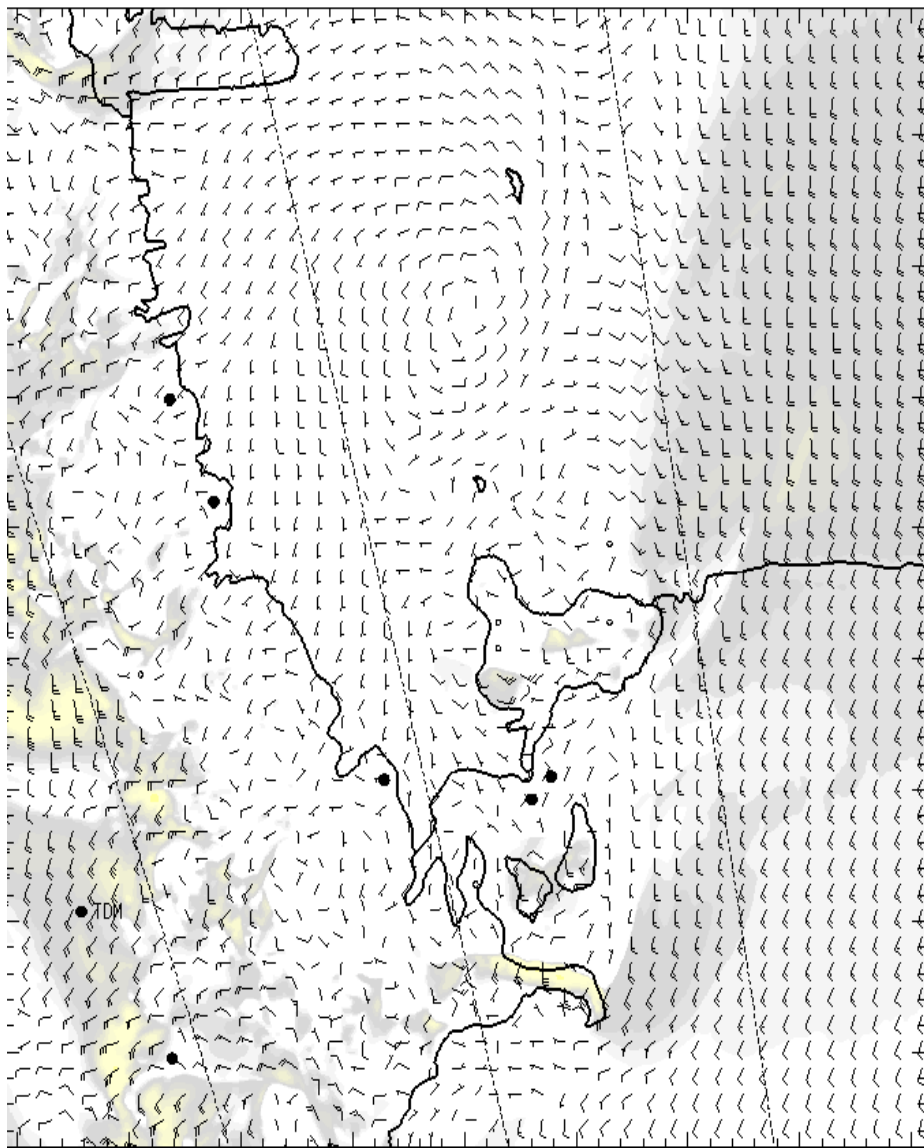
SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): SKC

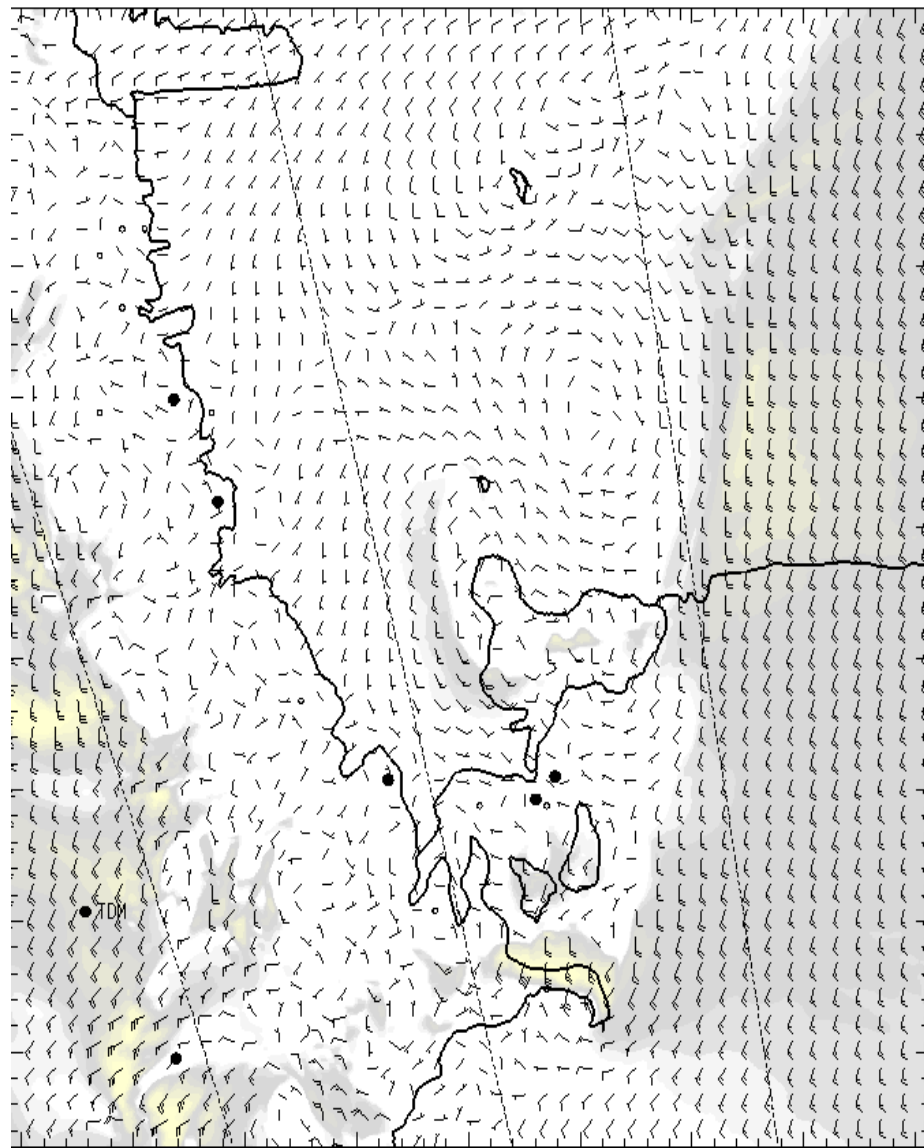
MIN ALSTG: 2884INS

HAZARDS: NIL

SFC

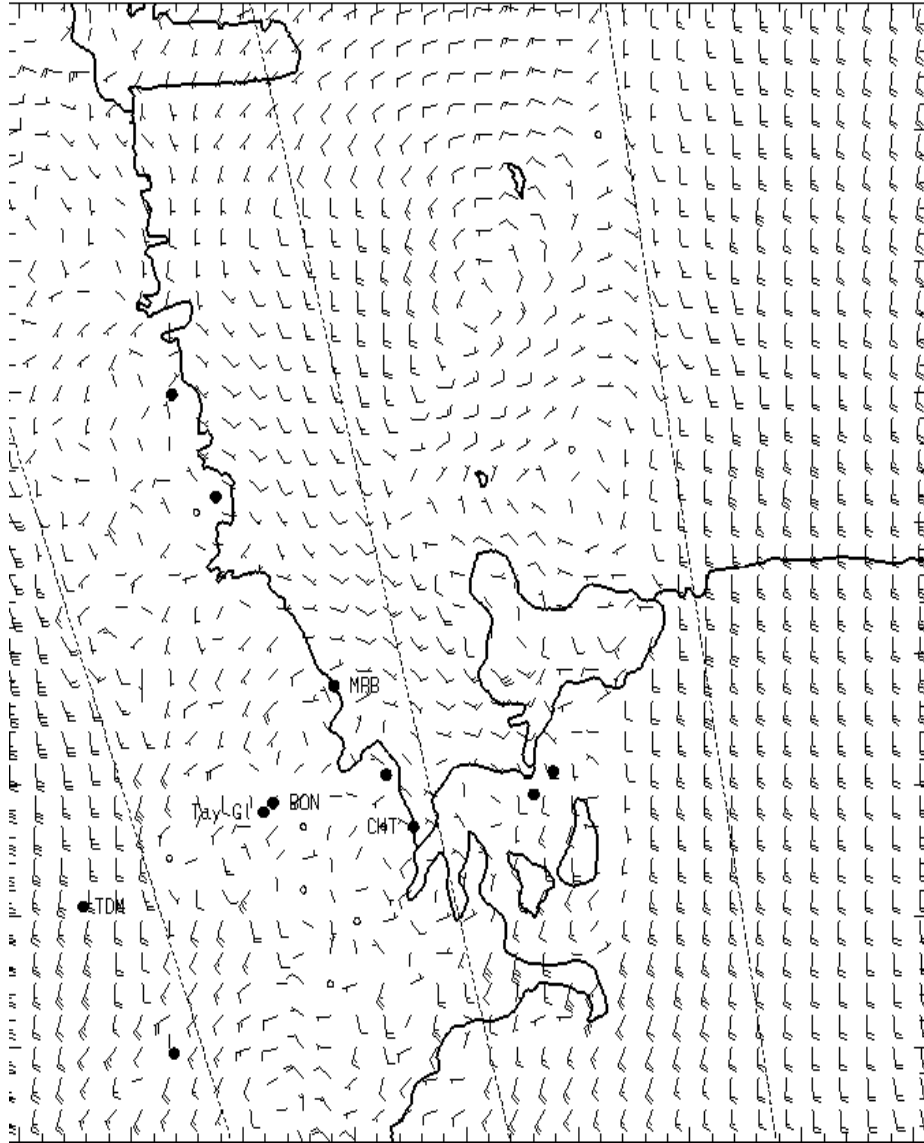


0700L

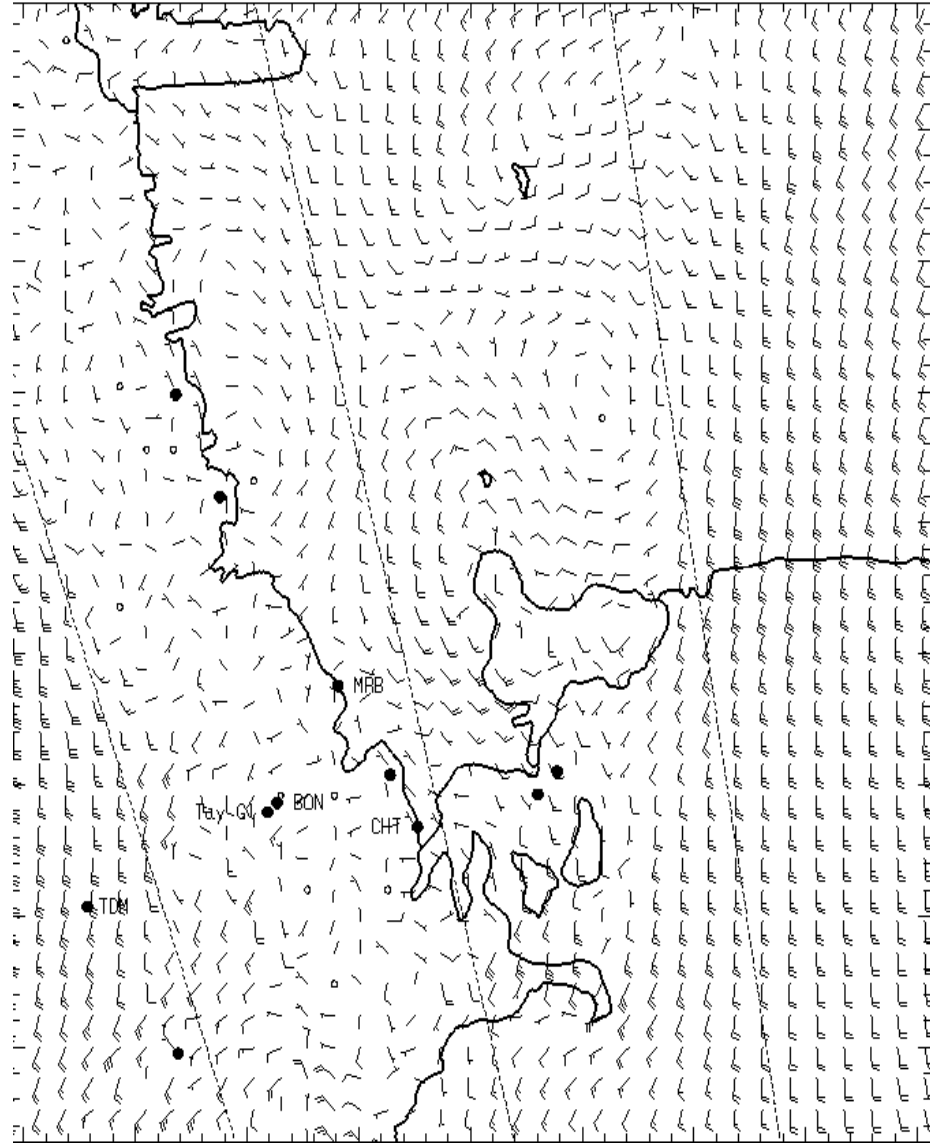


1300L

1,000 ft AGL

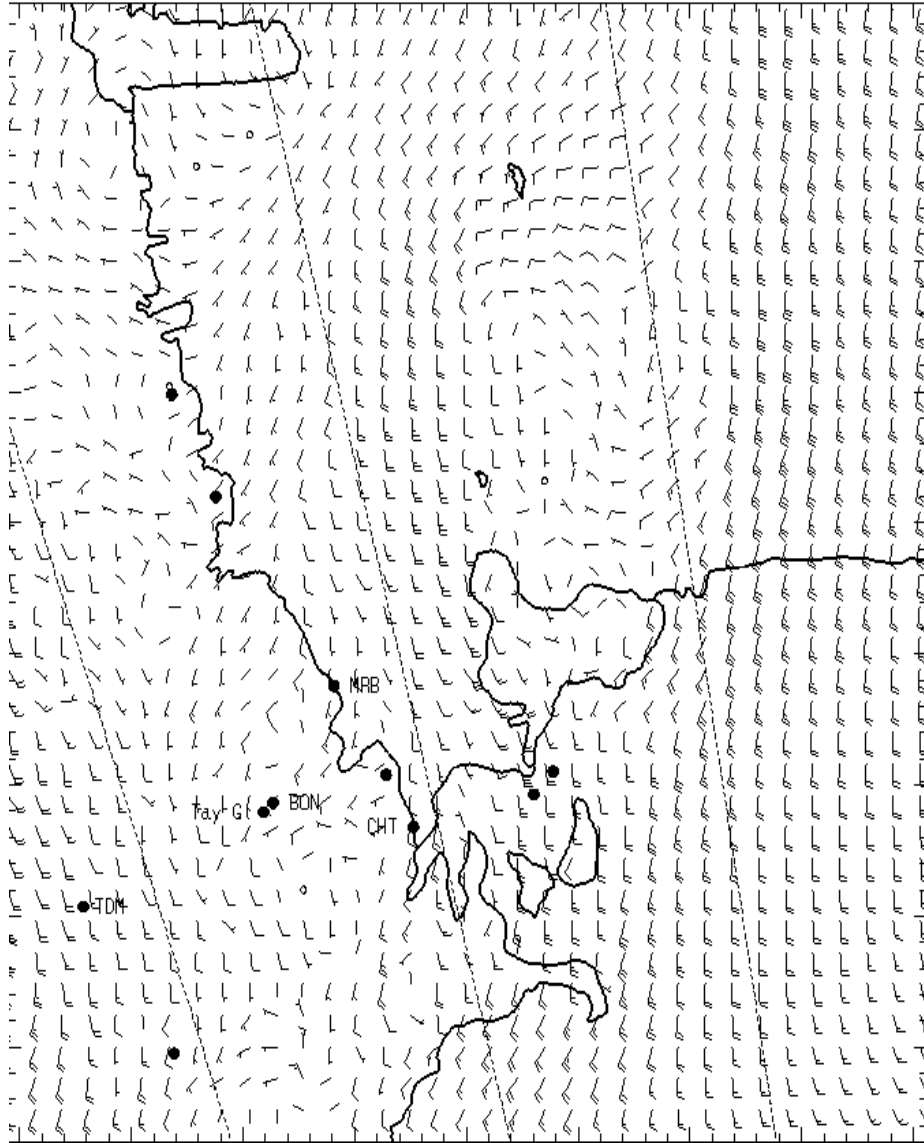


0700L

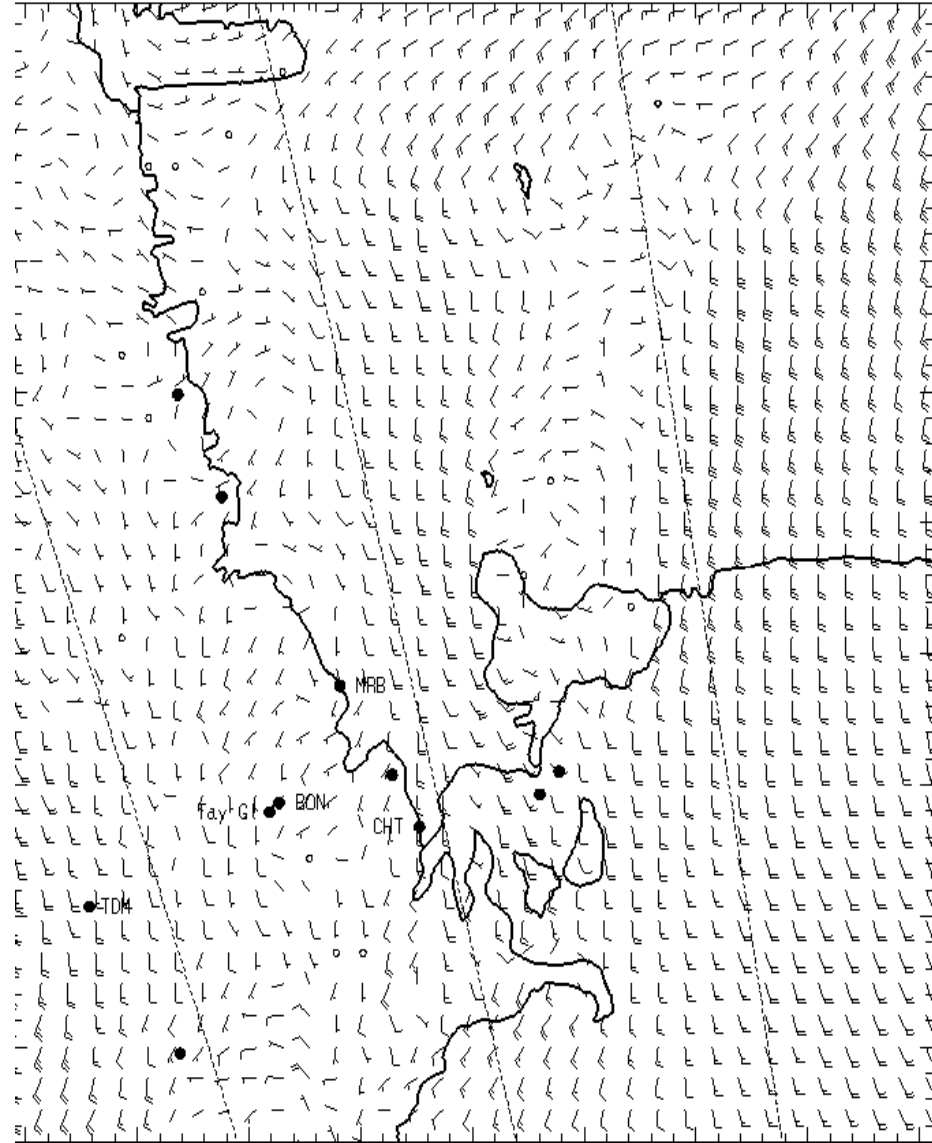


1300L

3,000 ft AGL

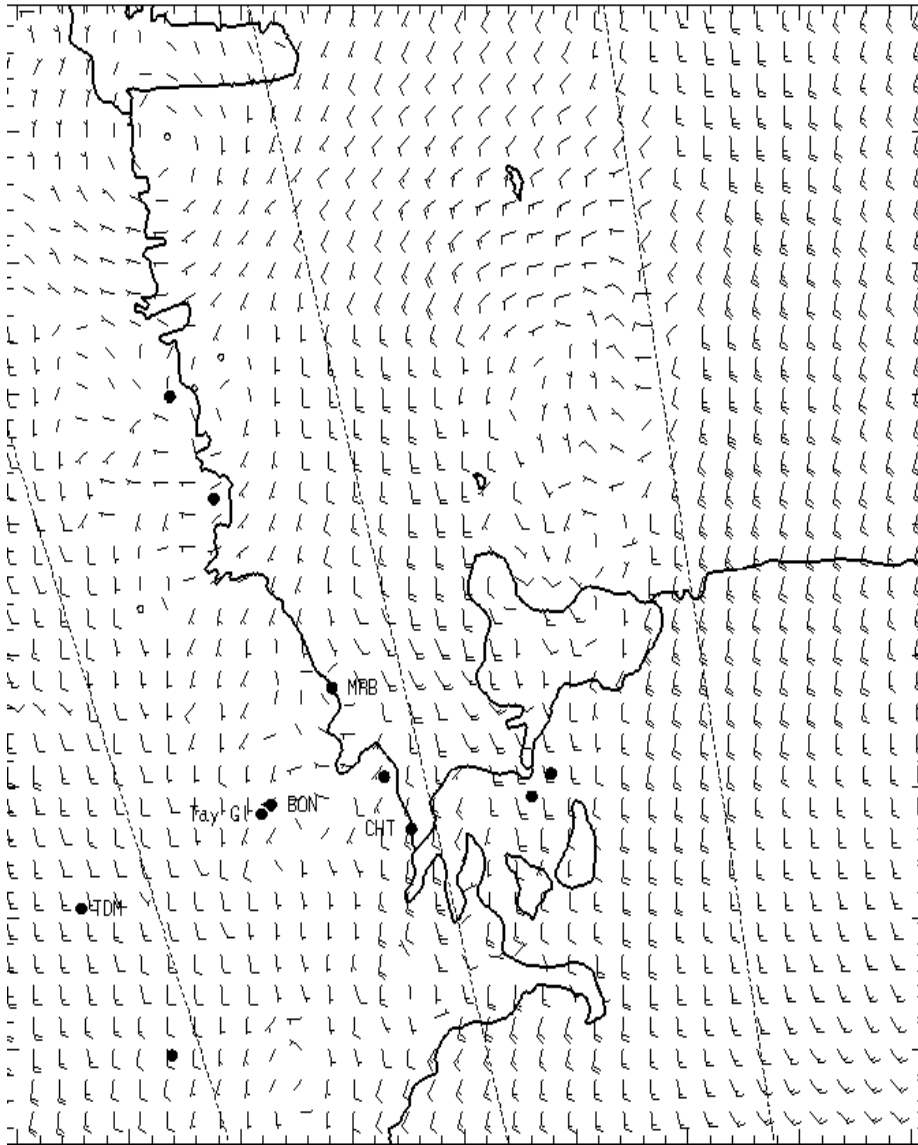


0700L

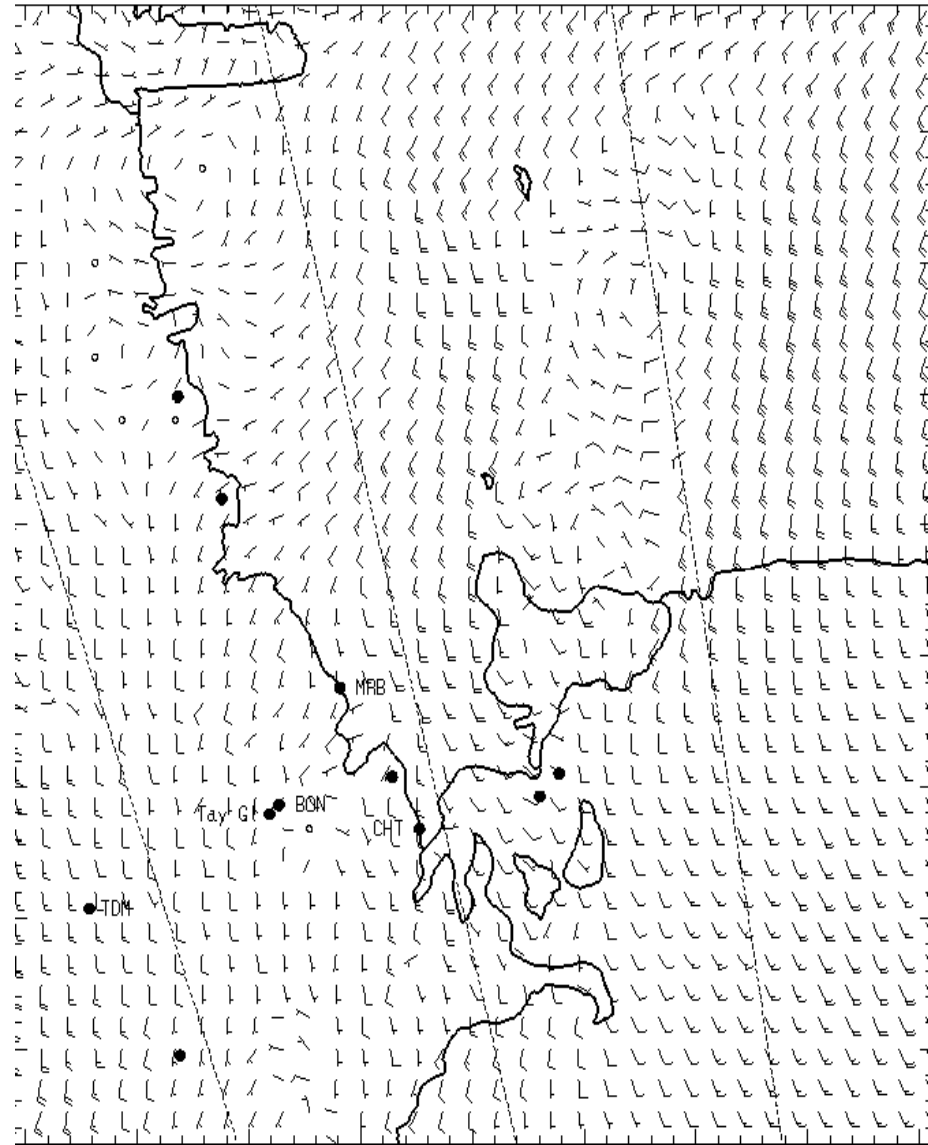


1300L

5,000 ft AGL



0700L



1300L