



HELO Weather

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

Date (L): Thursday, 2 February 2023

Brief Time (L): 0615

Briefing Number: 02-02

FCSTR: Jeff Fournier

REGIONAL SUMMARY

Low clouds and fog are possible this morning, mainly around Ross Island and the airfields. A developing low pressure system over the central Ross Sea will help bring periods of snow and low later today through tonight, except at the Dry Valleys, where there will be good flying conditions. The cloud layers will remain mostly below 080 ft above MSL, which means that the Erebus peak sites are likely to have good flying weather today, though this may mean having to penetrate cloud layers to access these points.

HAZARDS

ISOLATED IFR VISIBILITY/ CEILINGS IN FOG/MIST AROUND ROSS ISLAND AND AIRFIELDS.
AREAS OF MVFR-IFR VISIBILITY IN -SN, EXCLUDING THE DRY VALLEYS, MAINLY AROUND ROSS ISLAND AND AIRFIELDS THIS AFTERNOON; ISOLATED IFR VISIBILITY IN SNOW/LOW CLOUDS.
TRACE TO LIGHT RIME ICING IN CLOUD, GENERALLY IN THE LOWEST 050 FT ABOVE MSL.
OCNL MDT TURBULENCE OVER AND NEAR RUGGED AND HIGHER TERRAIN SUCH AS BLACK ISLAND LATER THIS AFTERNOON, AND CAPE CROZIER THIS EVENING INTO OVERNIGHT.

LATEST MCMURDO OBSERVATION

METAR ZCMA 011638Z AUTO 08010KT 9999 OVC036 M07/M09 A2910 RMK AO2 SLP857 GRID24010KT=

RUNWAY TAFS

TAF NZWD 011459Z 0115/0215 (0204/0304NZDT) 03006KT 8000 BR SCT006 BKN030 QNH2910INS GRID20006KT
TEMPO 0115/0121 (0204/0210) 3200 BR BKN004
BECMG 0119/0121 (0208/0210) 05010KT 8000 -SN BR SCT008 BKN012 OVC030 600124 QNH2904INS GRID22010KT
TEMPO 0121/0203 (0210/0216) 3200 -SN BKN008 620084
BECMG 0204/0206 (0217/0219) 02008KT 3200 -SN BR BKN009 OVC030 620094 QNH2903INS GRID19008KT

TAF NZFX 011459Z 0115/0215 (0204/0304NZDT) 06006KT 9999 FEW007 BKN030 OVC070 QNH2913INS GRID23006KT
TEMPO 0115/0121 (0204/0210) 4800 BR BKN007
BECMG 0119/0121 (0208/0210) 06006KT 9999 FEW010 BKN030 OVC070 QNH2900INS GRID23006KT
TEMPO 0121/0202 (0210/0215) 8000 -SN SCT007 BKN020 600223

MCMURDO HELIPAD FORECAST (VALID TIME: 02/0600L – 02/1800L

SFC WIND (TRUE): 07007KT TEMPO 11-16L 07012G18KT

SFC VISIBILITY (SM): UNR TEMPO 06-10L 1-3 BR, BECMG 3-5 -SN BR AFT 10L TEMPO 10-18L 1-2 -SN BR

SKY CONDITION (MSL): SCT005 BKN-OVC030 TEMPO BKN005 06-10L BECMG SCT008 BKN012 OVC030 AFT 10L TEMPO BKN008 10-18L

MIN ALSTG: 2908INS

HAZARDS: OCNL LGT RIME ICG IN CLOUD

SITE & AREA FORECASTS (VALID TIME: 02/0600L – 02/1800L)

SCOTT BASE

SFC WIND (TRUE): 07007KT TEMPO 11-16L 07012G18KT

SFC VISIBILITY (SM): UNR TEMPO 06-10L 1-3 BR, BECMG 3-5 –SN BR AFT 10L TEMPO 10-18L 1-2 –SN BR

SKY CONDITION (MSL): SCT005 BKN-OVC030 TEMPO BKN005 06-10L BECMG SCT008 BKN012 OVC030 AFT 10L TEMPO BKN008 10-18L

MIN ALSTG: 2908INS

HAZARDS: OCNL LGT RIME ICG IN CLOUD

BLACK ISLAND

SFC WIND (TRUE): 01006KT BECMG 18013KT AFT 16L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT-BKN030 BECMG SCT-BKN015 BKN025 AFT 12L

MIN ALSTG: 2903INS

HAZARDS: NIL, BECOMING LGT-MDT TURBC SFC-030 AFT 16L

F6

SFC WIND (TRUE): VRB06KT BECMG 04012KT AFT 12L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): FEW015 SCT-BKN070 BECMG SCT-BKN025 AFT 11L

MIN ALSTG: 2908INS

HAZARDS: NIL

ADAMS SG/GL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO –SN BEFORE 11L

SKY CONDITION (MSL): SCT-BKN025 BKN060 BECMG SCT025 BKN060 AFT 13L

MIN ALSTG: 2894INS

HAZARDS: TRACE ICG IN CLOUD

GARWOOD VALLEY

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO –SN BEFORE 11L

SKY CONDITION (MSL): SCT-BKN025 BKN060 BECMG SCT025 BKN060 AFT 13L

MIN ALSTG: 2895INS

HAZARDS: TRACE ICG IN CLOUD

MIERS VALLEY

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO –SN BEFORE 11L

SKY CONDITION (MSL): SCT-BKN025 BKN060 BECMG SCT025 BKN060 AFT 13L

MIN ALSTG: 2894INS

HAZARDS: TRACE ICG IN CLOUD

CAPE BIRD

SFC WIND (TRUE): VRB06KT BECMG 04010KT AFT 11L

SFC VISIBILITY (SM): UNR TEMPO 2-4 –SN BR AFT 13L

SKY CONDITION (MSL): SCT015 BKN030 BECMG SCT010 SCT-BKN015 TEMPO BKN005 AFT 13L

MIN ALSTG: 2898INS

HAZARDS: TRACE OCNL LGT RIME ICG IN CLOUD

LOWER EREBUS HUT

SFC WIND (TRUE): 35015KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW120
MIN ALSTG: 2823INS
HAZARDS: NIL

CONEZ

SFC WIND (TRUE): 35015KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW120
MIN ALSTG: 2811INS
HAZARDS: NIL

UPPER EREBUS APPLE

SFC WIND (TRUE): 35015KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW120
MIN ALSTG: 2811INS
HAZARDS: NIL

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

ADAMS GL

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW025 SCT-BKN060
MIN ALSTG: 2891INS
HAZARDS: NIL

HOLIDAY PEAK

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT-BKN050
MIN ALSTG: 2879INS
HAZARDS: NIL

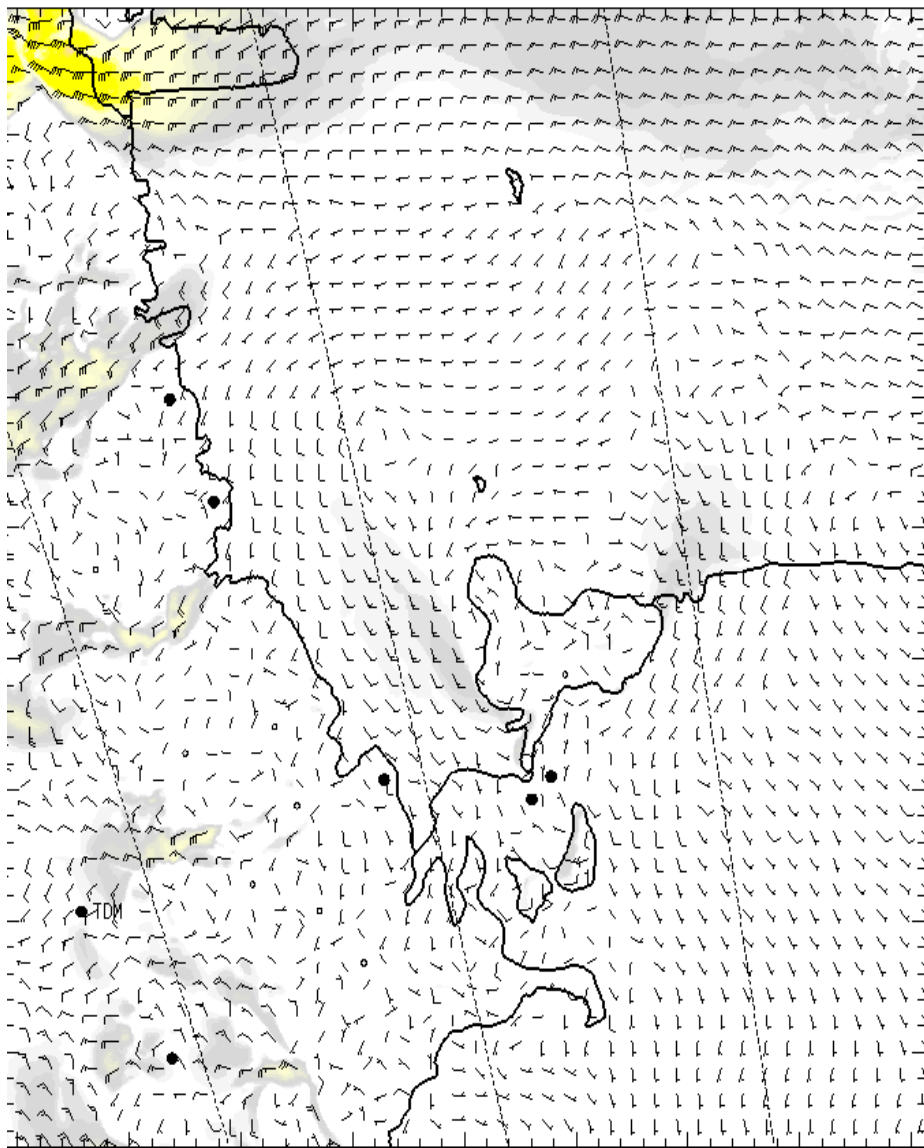
LAKE HOARE

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT-BKN030
MIN ALSTG: 2897INS
HAZARDS: NIL

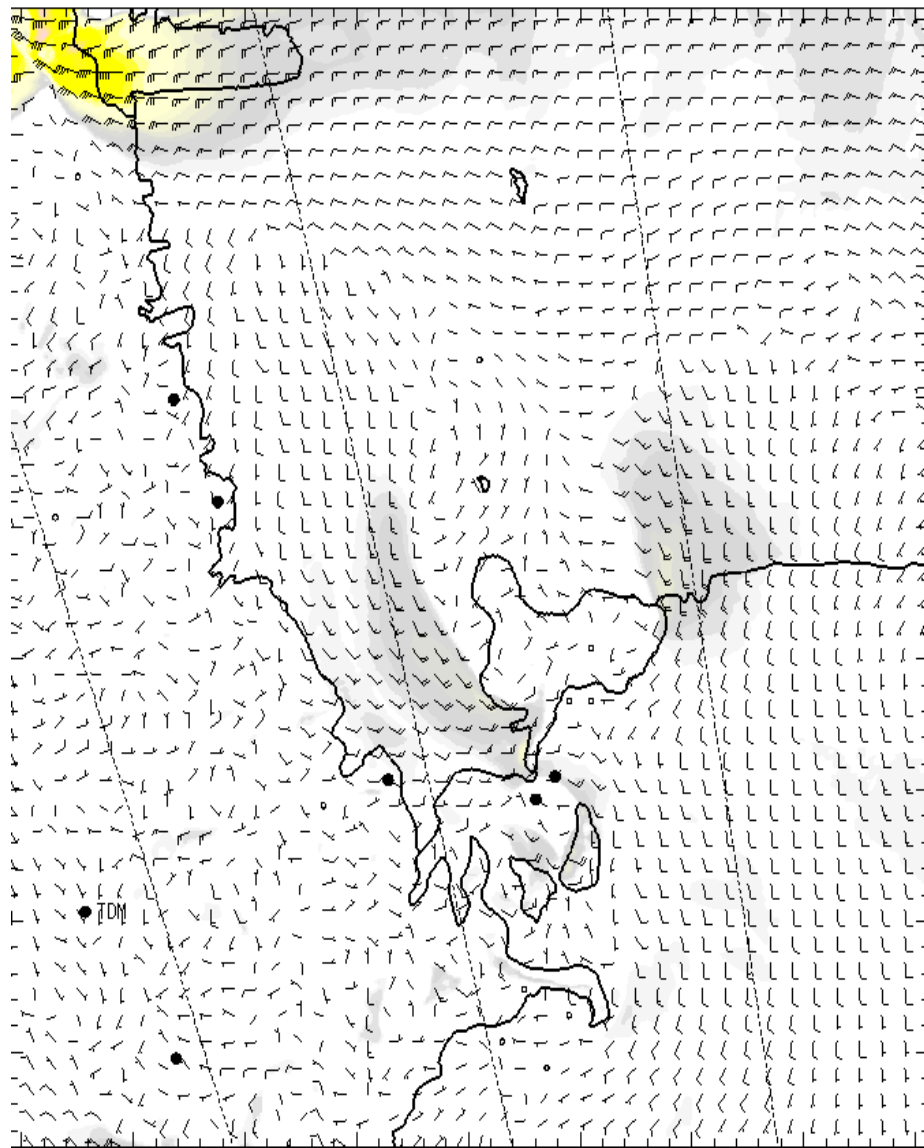
CAPE CROZIER

SFC WIND (TRUE): 20020G30KT
SFC VISIBILITY (SM): 1-2 -SN BLSN
SKY CONDITION (MSL): SCT007 SCT-BKN012 TEMPO VV005 AFT 21L
MIN ALSTG: 2900INS
HAZARDS: LGT-MDT TURBC SFC-005 OCNL LGT RIME ICG IN CLOUD

SFC

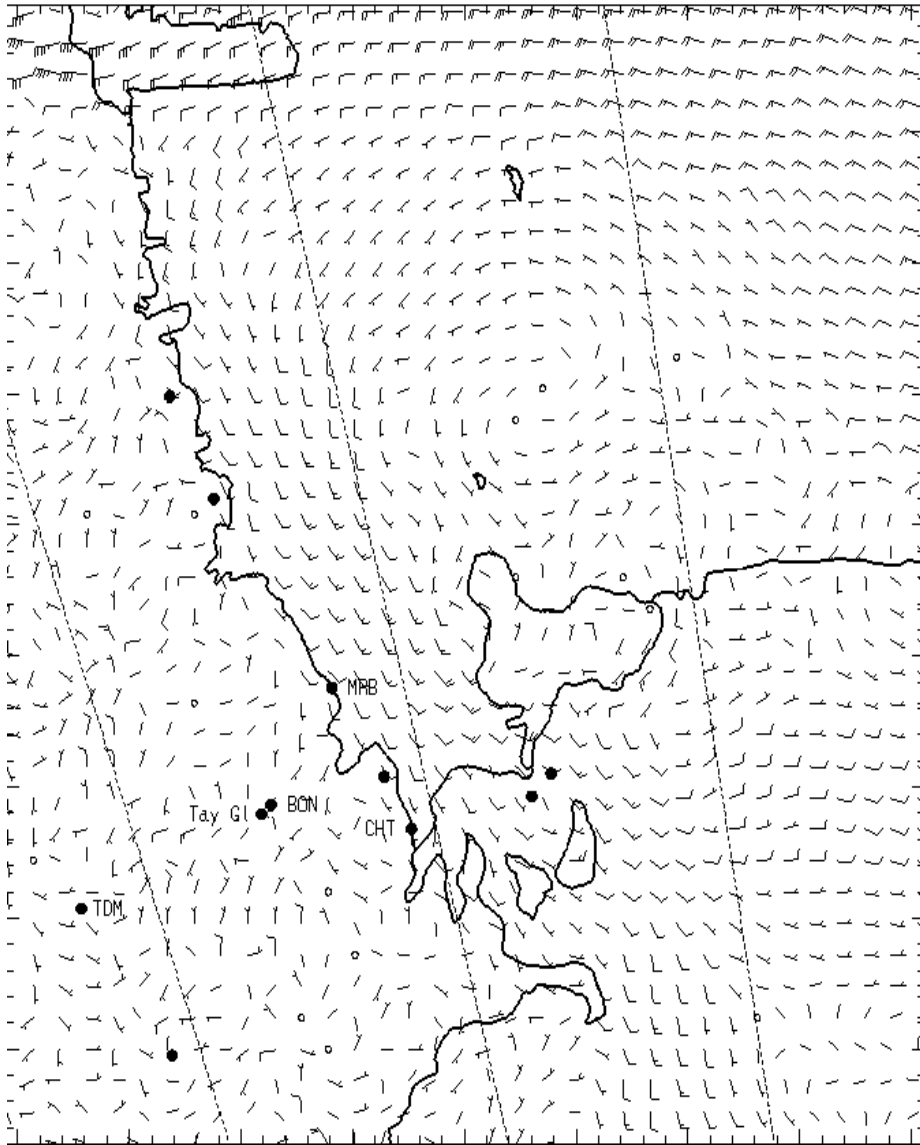


0700L

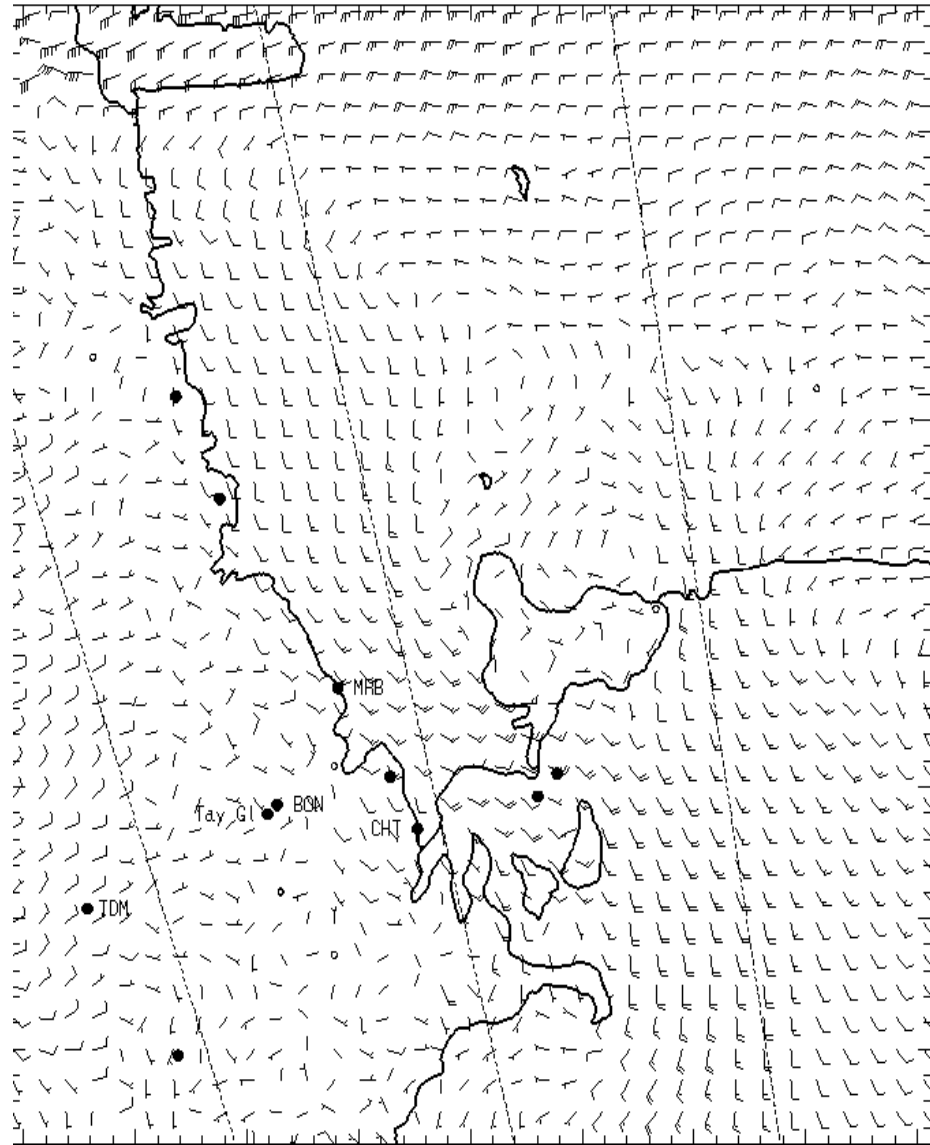


1300L

1,000 ft AGL

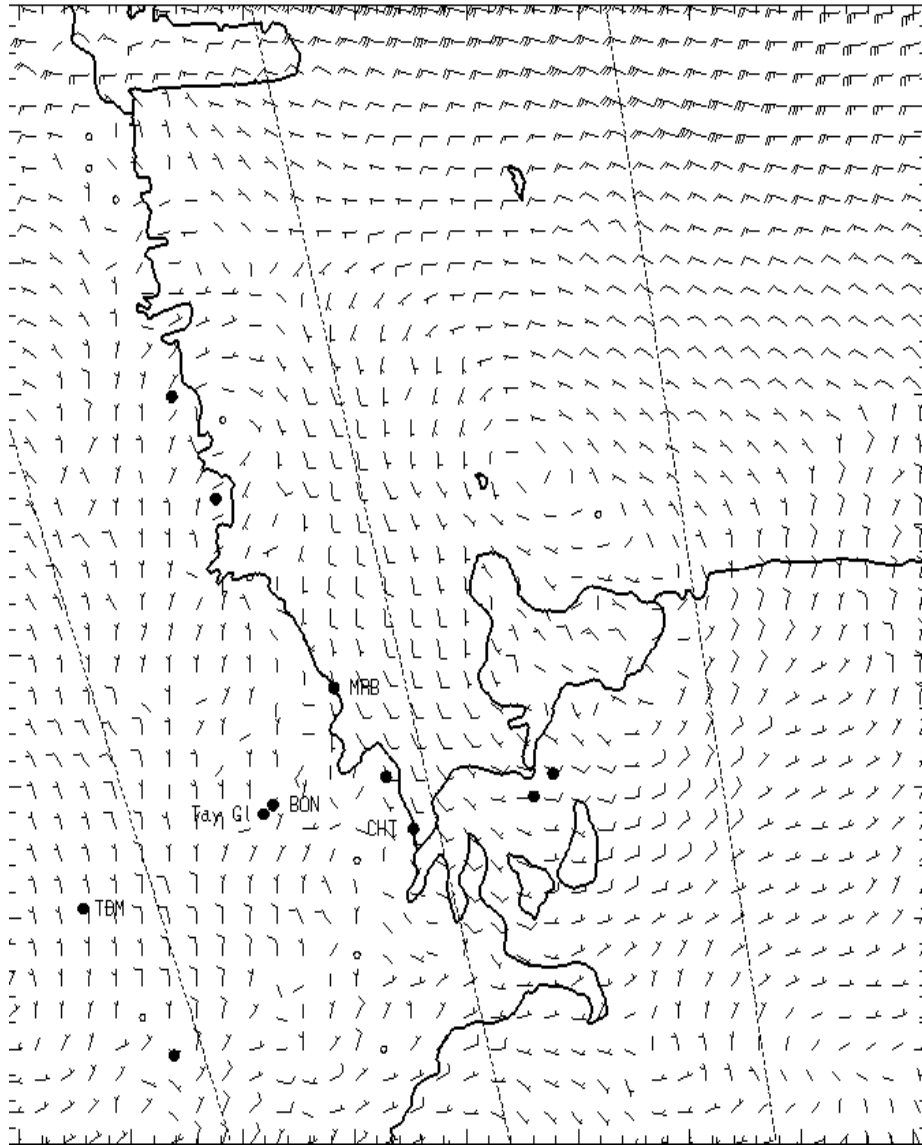


0700L

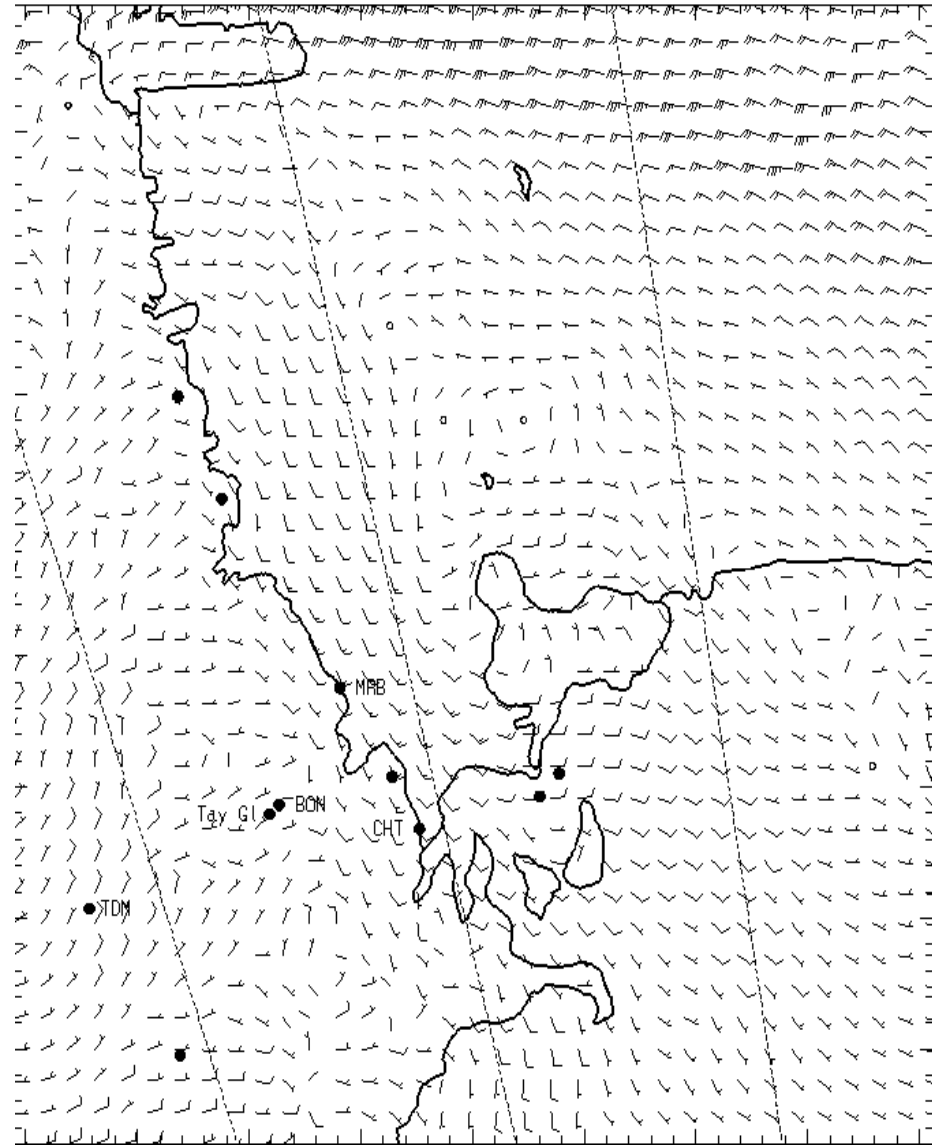


1300L

3,000 ft AGL

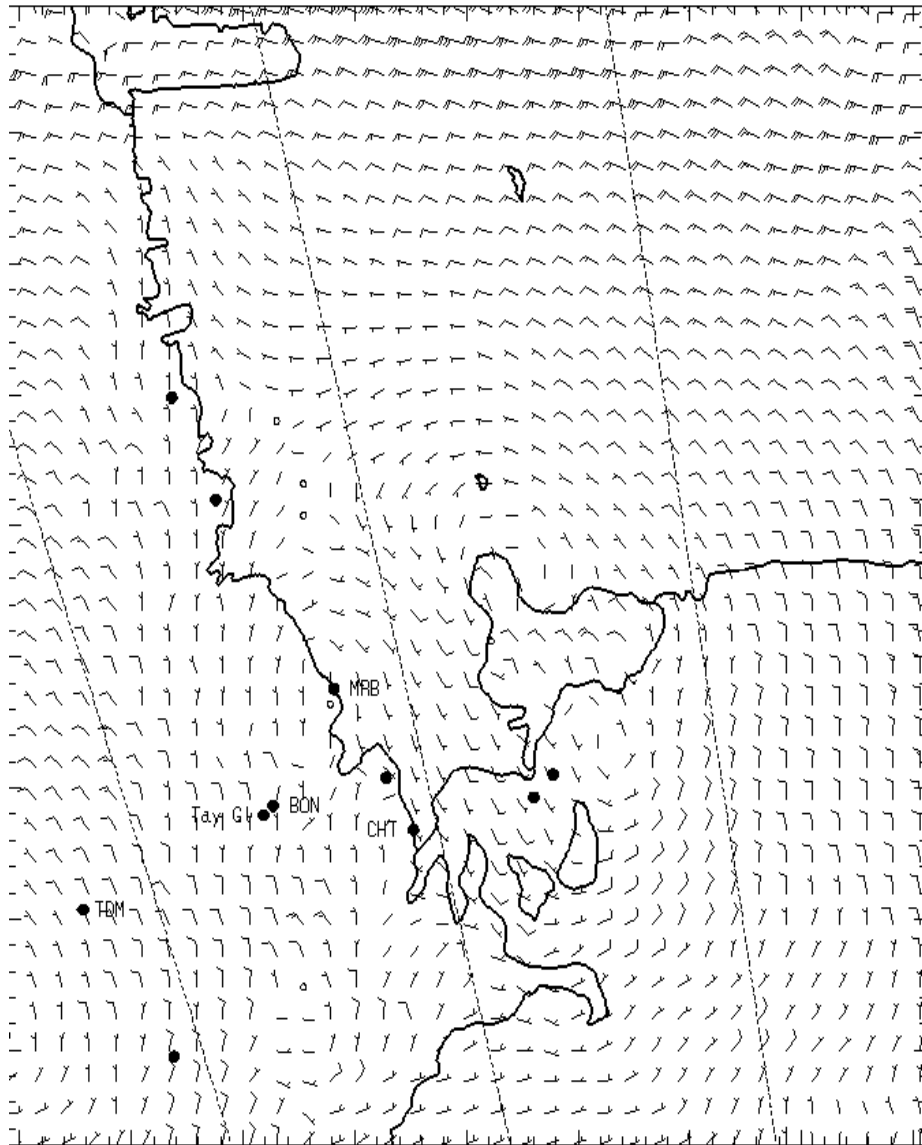


0700L

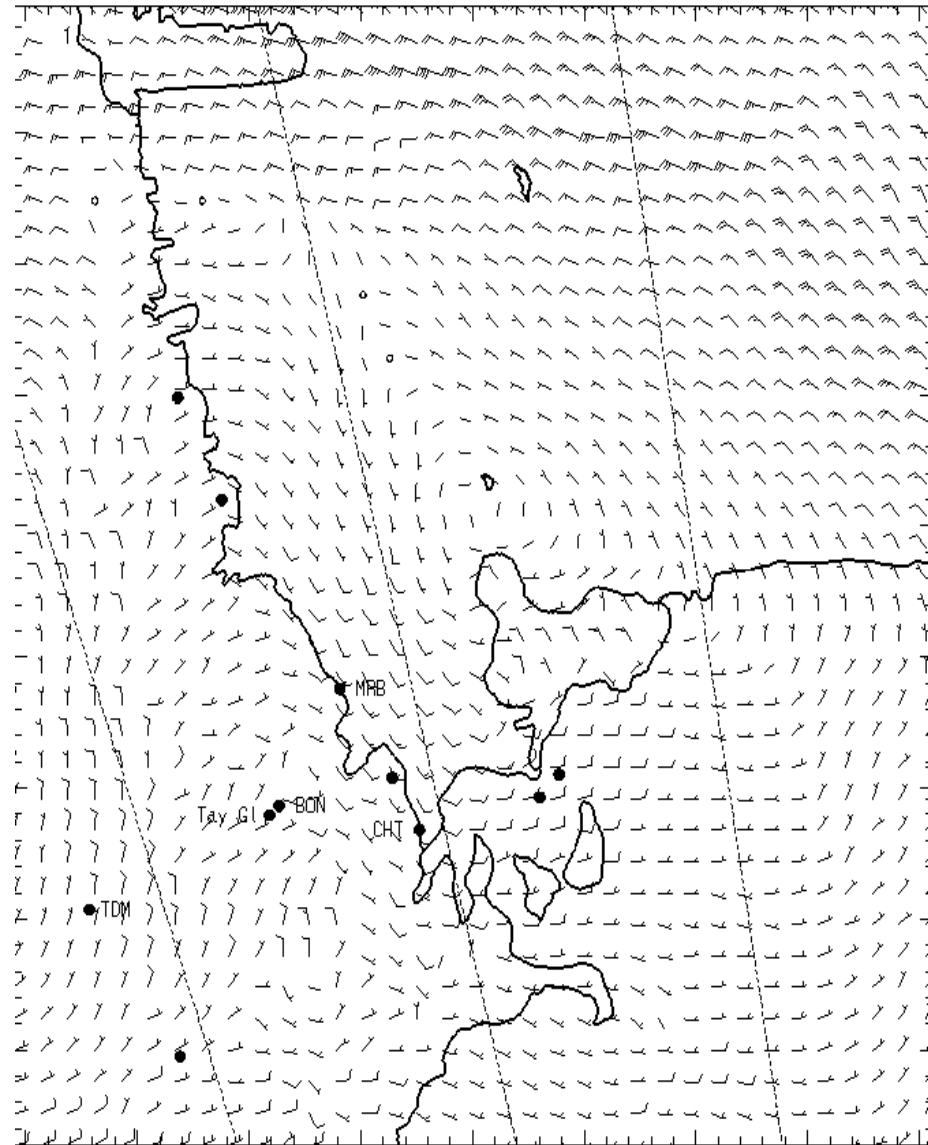


1300L

5,000 ft AGL



0700L



1300L