



HELO Weather

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

Date (L): Wednesday, 14 December 2022

Brief Time (L): 0615

Briefing Number: 12-13

FCSTR: Alan Stratton

REGIONAL SUMMARY

A weak low pressure system, just south of Minna Bluff this morning, will bring abundant clouds to the Ross Island operations region. Most of the cloud bases will be 030 ft or more above MSL, but patches of MVFR cigs (010-030 ft) are likely, mainly from the airfields south. A more significant low pressure system will approach Minna Bluff late this afternoon, resulting in deteriorating visibility and ceilings from south to north this evening.

HAZARDS

OCNL LGT RIME ICG IN CLOUDS UP TO 100 FT ABOVE MSL. OCNL MDT TURBULENCE NEAR RUGGED TERRAIN FEATURES, WITH SVR TURBC POSSIBLE NEAR MINNA BLUFF.

LATEST MCMURDO OBSERVATION

METAR ZCMA 131640Z AUTO 35015G19KT 320V020 9999 OVC034 M03/M08 A2881 RMK AO2 SLP761 GRID16015G19KT 130V190=

RUNWAY TAFS

TAF NZFX 131457Z 1315/1415 (1404/1504NZDT) 30008KT 9999 FEW015 BKN035 620356 QNH2872INS GRID11008KT
TEMPO 1318/1324 (1407/1413) VCSH SCT015 BKN025 OVC035 620257
BECMG 1408/1410 (1421/1423) 20010G20KT 4800 -SN FEW009 BKN020 OVC030 620208 QNH2872INS
GRID01010G20KT

TAF NZWD 131457Z 1315/1415 (1404/1504NZDT) 24010KT 9999 FEW015 BKN035 620356 QNH2872INS GRID05010KT
TEMPO 1318/1324 (1407/1413) VCSH SCT015 BKN025 OVC035 620257
BECMG 1408/1410 (1421/1423) 20008KT 4800 -SN SCT009 BKN015 OVC025 620158 QNH2874INS GRID01008KT

MCMURDO HELIPAD FORECAST (VALID TIME: 14/0600L – 14/1800L)

SFC WIND (TRUE): 33010KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): FEW015 BKN035
MIN ALSTG: 2872INS
HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 14/0600L – 14/1800L)

SCOTT BASE

SFC WIND (TRUE): 33008KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (AGL): FEW015 BKN035
MIN ALSTG: 2872INS

HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): 33012KT

SFC VISIBILITY (SM): 3-5 –SN, TEMPO 1-2 –SN

SKY CONDITION (AGL): BKN009 OVC015, TEMPO OVC002

MIN ALSTG: 2871INS

HAZARDS: OCNL LGT RIME ICG IC

MINNA BLUFF

SFC WIND (TRUE): 2202535KT

SFC VISIBILITY (SM): <1/2 SN BR BLSN

SKY CONDITION (AGL): OVC002

MIN ALSTG: 2855INS

HAZARDS: OCNL LGT RIME ICG IN CLOUD, MDT OCNL SVR TURBC SFC-100

MARBLE POINT

SFC WIND (TRUE): VRB06KT, BECMG 35010KT AFT12L

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): FEW015 SCT040 BKN070

MIN ALSTG: 2873INS

HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): BKN050 OVC080, TEMPO BKN015 AFT 16L

MIN ALSTG: 2873INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 04008KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): BKN070

MIN ALSTG: 2870INS

HAZARDS: NIL

LAKE VIDA

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): BKN070, TEMPO SCT040 OVC065 AFT 14L

MIN ALSTG: 2867INS

HAZARDS: OCNL LGT TURBC 030-060

LAKE VIDA BENCH

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): BKN070, TEMPO SCT040 OVC065 AFT 14L

MIN ALSTG: 2865INS

HAZARDS: OCNL LGT TURBC 030-060

MT NEWALL

SFC WIND (TRUE): VRB07KT

SFC VISIBILITY (SM): UNR, TEMPO <1/2 FG AFT 12L

SKY CONDITION (AGL): SCT010, BECMG BKN005, TEMPO BKN000 AFT 12L (STATION IN CLOUD)

MIN ALSTG: 2851INS

HAZARDS: OCNL LGT RIME ICG IN CLOUD

NUSSBAUM REIGAL

SFC WIND (TRUE): 24010KT, BECMG 07008KT AFT 12L

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): BKN040, BECMG BKN025 AFT 16L

MIN ALSTG: 2860INS

HAZARDS: NIL

COMMONWEALTH GL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (AGL): BKN050, BECMG BKN025, TEMPO BKN008 AFT 16L

MIN ALSTG: 2868INS

HAZARDS: NIL

HAPPY GLACIER CAMP

SFC WIND (TRUE): VRB06KT BECMG 33011KT AFT 15L

SFC VISIBILITY (SM): UNR BECMG 3-5 -SN AFT 12L

SKY CONDITION (AGL): FEW010 BKN020, BECMG OVC008, TEMPO VV003 AFT 12L

MIN ALSTG: 2868INS

HAZARDS: OCNL LIGHT RIME ICG IN CLOUD

MACZ

SFC WIND (TRUE): 21015G25KT

SFC VISIBILITY (SM): 1-3 -SN BR, BECMG 0100 SN FG BLSN AFT 11L

SKY CONDITION (AGL): BKN005, BECOMING VV002 AFT11L

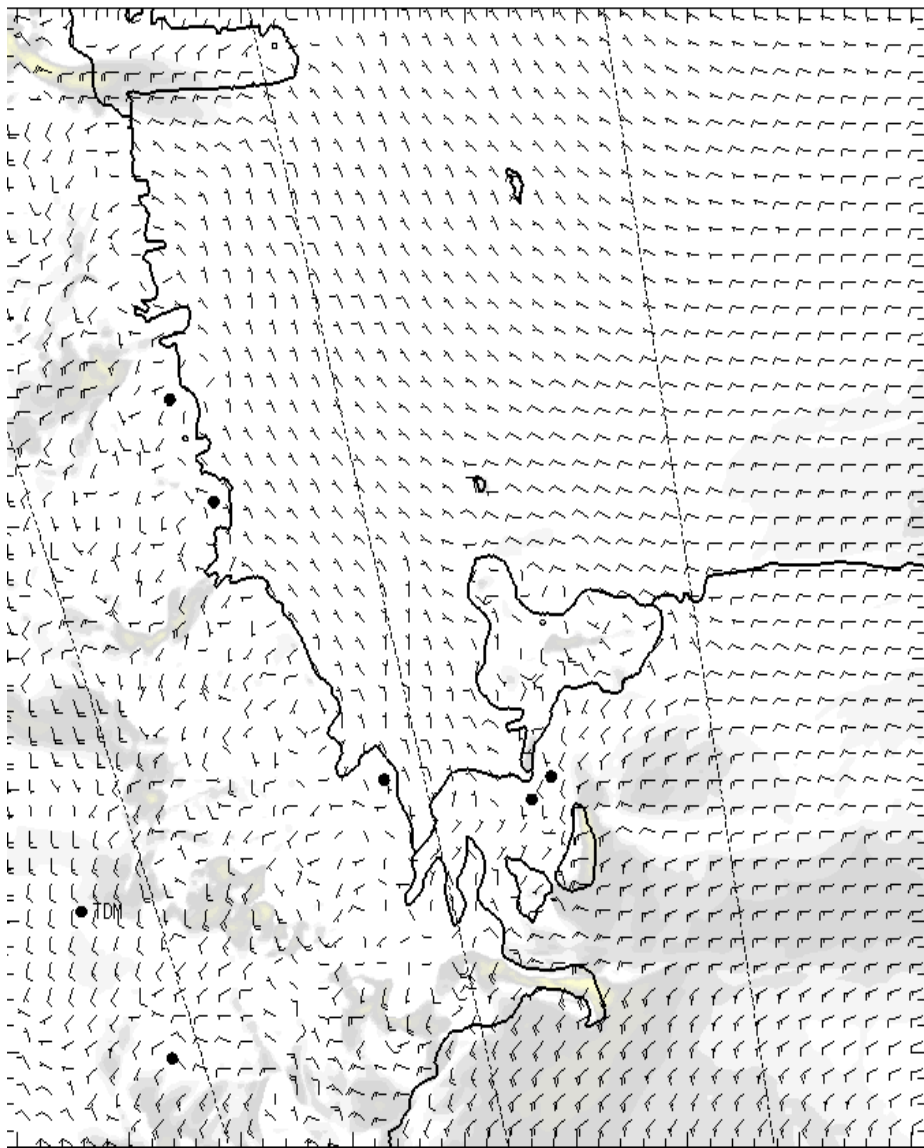
MIN ALSTG: 2865INS

HAZARDS: OCNL MDT TURBC 000-040, OCNL LGT RIME ICG IN CLOUD

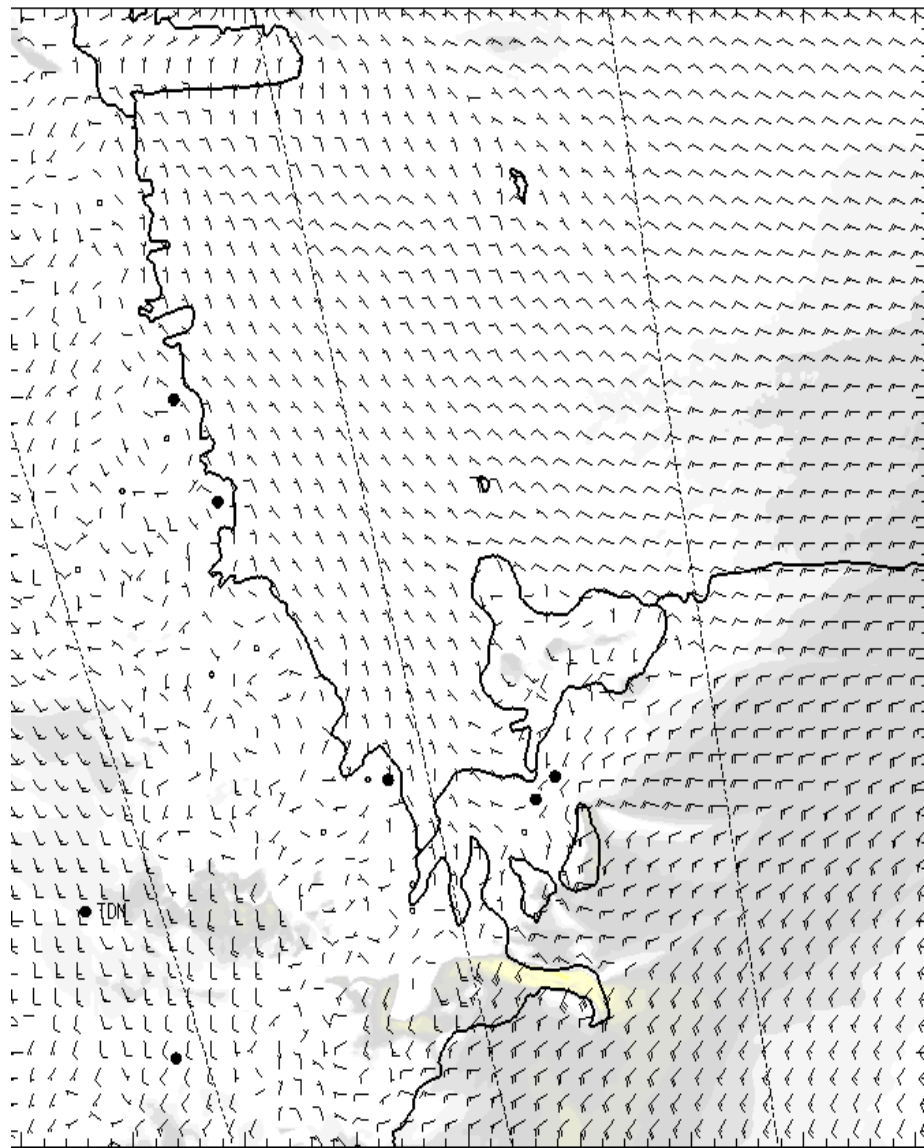
NIGHT AREA OUTLOOKS (VALID TIME: 14/1800L – 15/0600L)

NIL

SFC

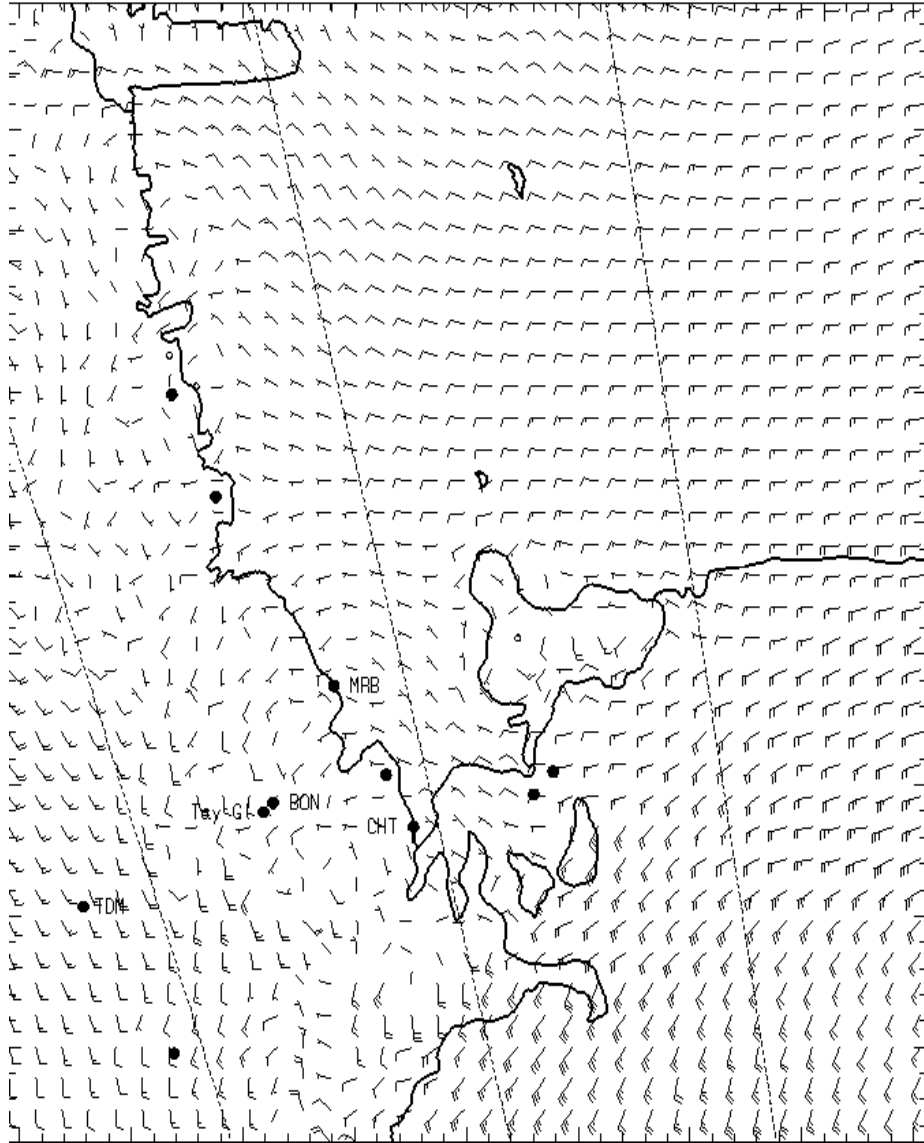


0700L

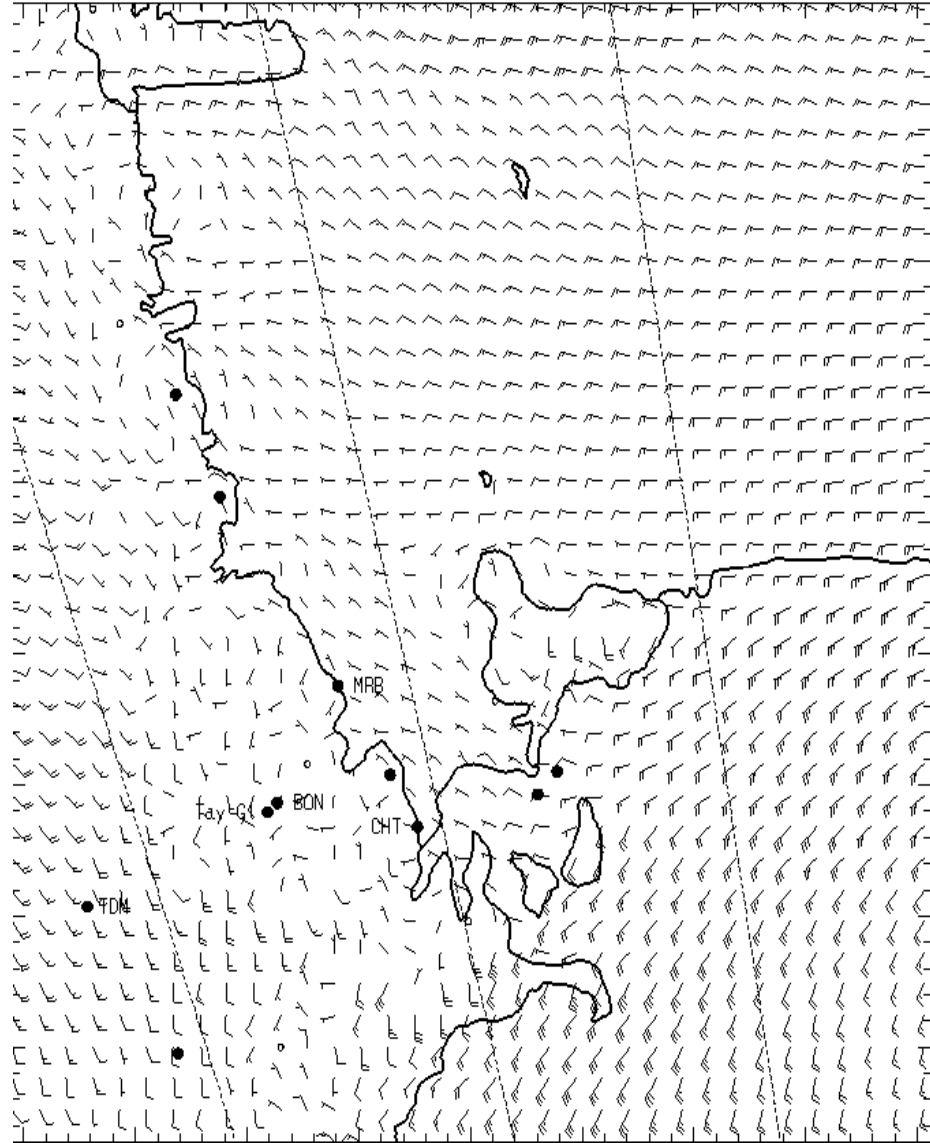


1300L

1,000 ft AGL

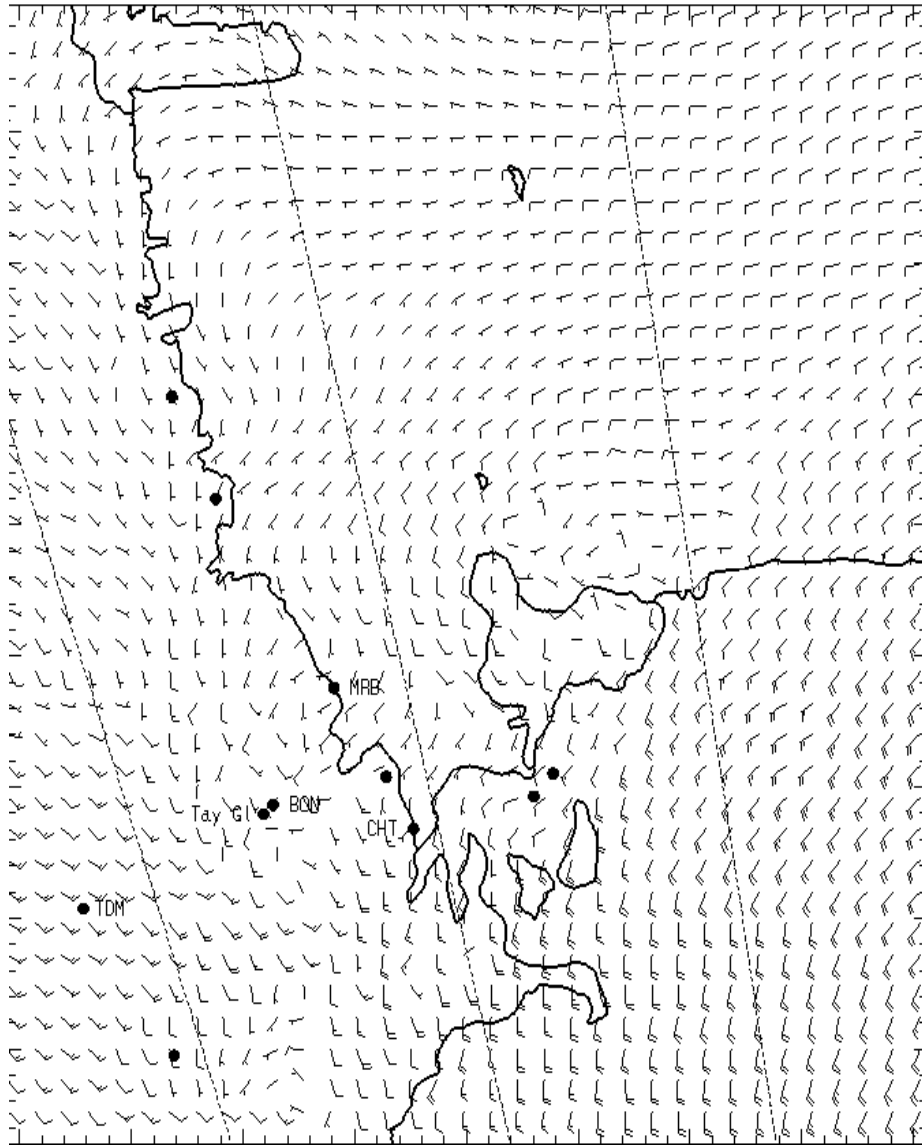


0700L

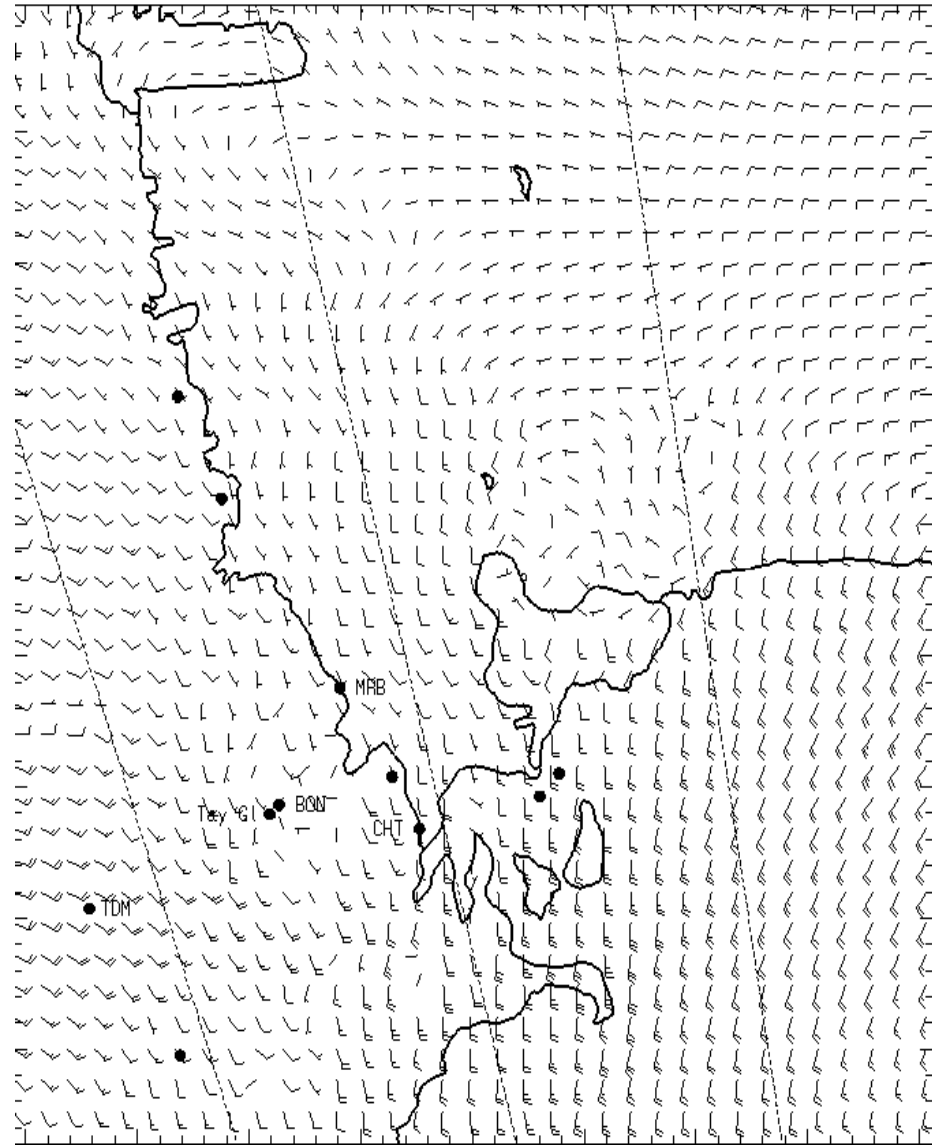


1300L

3,000 ft AGL

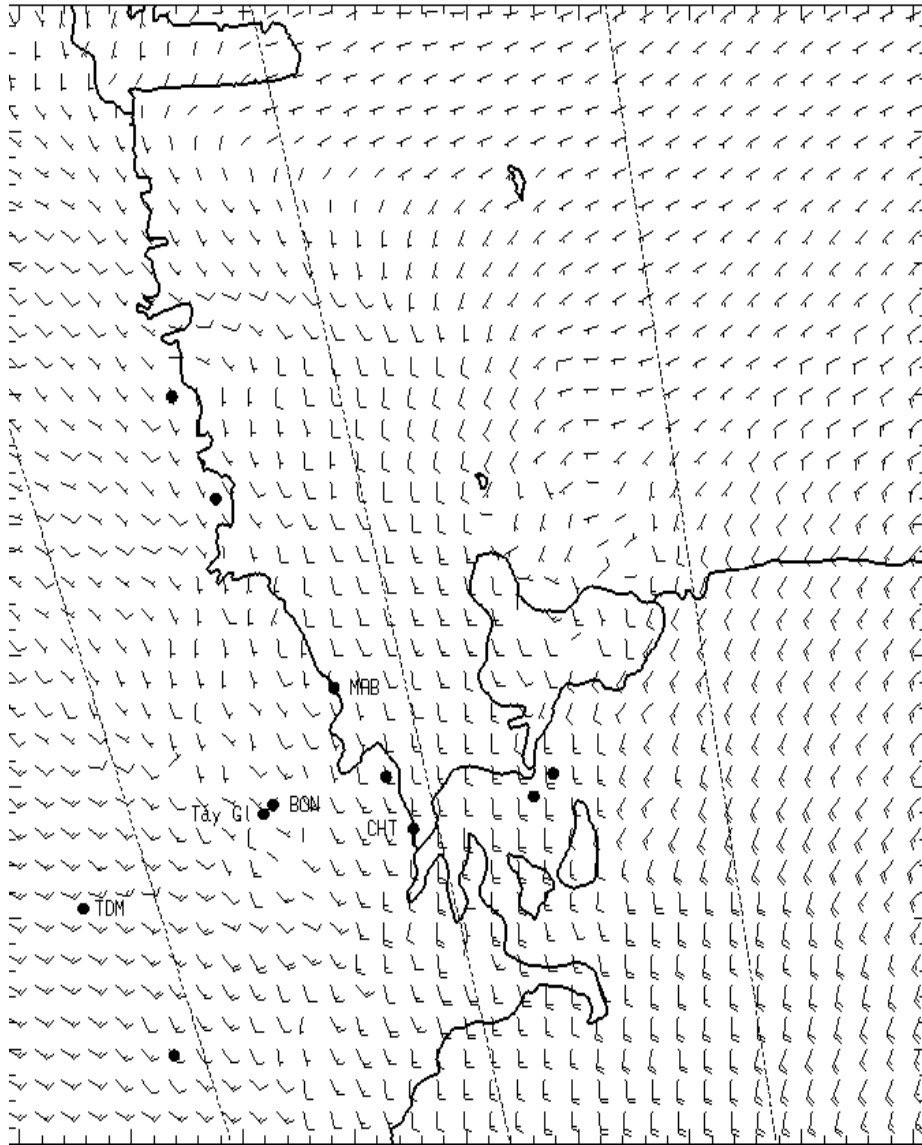


0700L

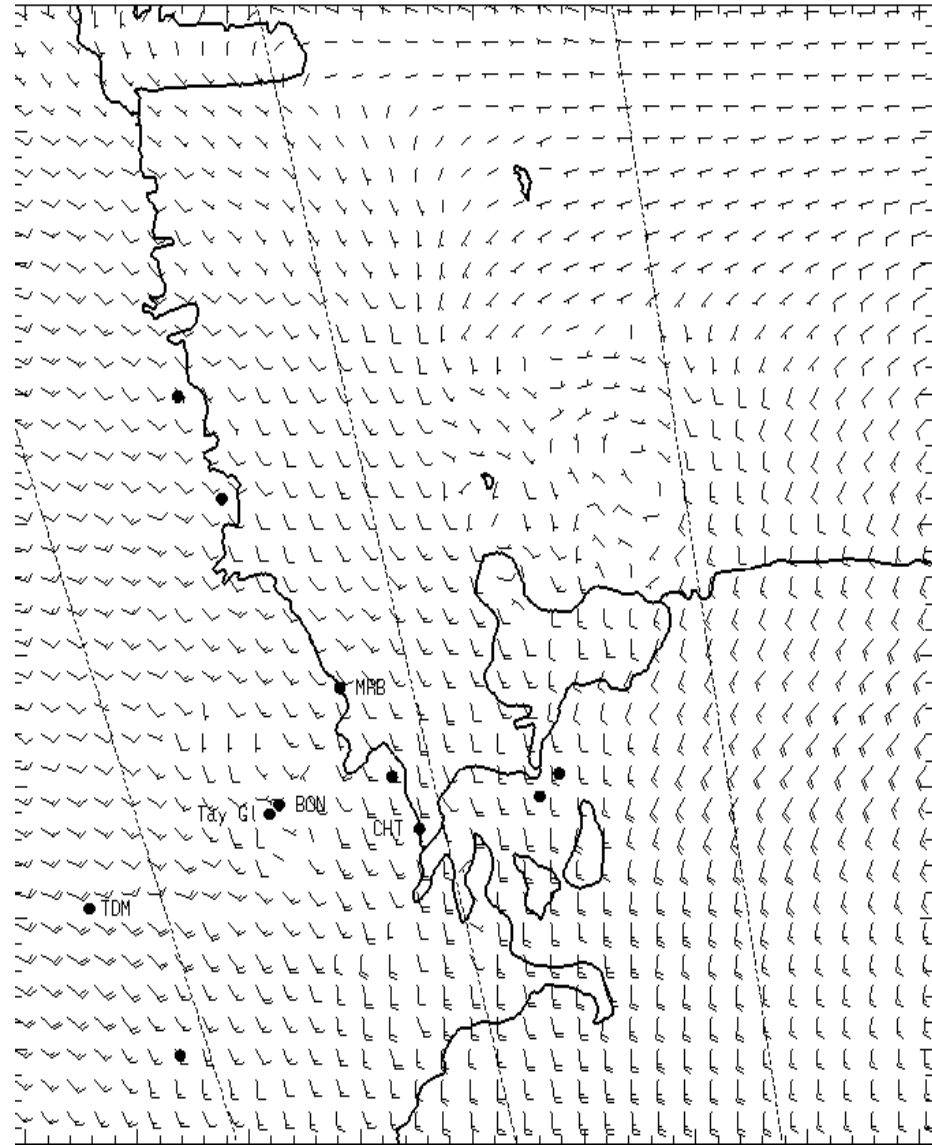


1300L

5,000 ft AGL



0700L



1300L