



HELO Weather

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

Date (L): Wednesday, 21 December 2022

Brief Time (L): 0615

Briefing Number: 12-18

FCSTR: Jeff Fournier

REGIONAL SUMMARY

A north-south oriented high pressure ridge will remain over the western Ross Sea, promoting low-level flow that will continue to bring widespread clouds over much of the region.

HAZARDS

ISOLATED IFR IN –SN/BR, MAINLY ALONG THE SLOPES OVER WINDLESS BIGHT AND IN MCMURDO SOUND

LATEST MCMURDO OBSERVATION

METAR ZCMA 201718Z AUTO 35008KT 310V010 9999 BKN035 M03/M08 A2901 RMK AO2 SLP827 GRID15008KT 120V180=

RUNWAY TAFS

TAF NZFX 201456Z 2015/2115 (2104/2204NZDT) 33008KT 9999 BKN030 600303 QNH2899INS GRID14008KT
BECMG 2101/2103 (2114/2116) 07013KT 9999 SCT012 BKN030 600303 QNH2899INS GRID24013KT

TAF NZWD 201456Z 2015/2115 (2104/2204NZDT) 30008KT 9999 BKN030 600303 QNH2899INS GRID11008KT
BECMG 2101/2103 (2114/2116) 12013KT 9999 VCSH SCT012 BKN030 620303 QNH2899INS GRID29013KT

MCMURDO HELIPAD FORECAST (VALID TIME: 21/0600L – 21/1800L)

SFC WIND (TRUE): 34008KT, BECMG 08014KT AFT 14L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): BKN030

MIN ALSTG: 2898INS

HAZARDS: TRACE ICG IN CLOUD

SITE & AREA FORECASTS (VALID TIME: 21/0600L – 21/1800L)

SCOTT BASE

SFC WIND (TRUE): 34008KT BECMG 08014KT AFT 14L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): BKN030

MIN ALSTG: 2898INS

HAZARDS: TRACE ICG IN CLOUD

MARBLE POINT**SFC WIND (TRUE):** VRB06KT BECMG 15010KT AFT 16L**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SCT015 TEMPO FEW005 SCT010 FM 09-12L**MIN ALSTG:** 2898INS**HAZARDS:** TRACE ICG IN CLOUD**BLACK ISLAND****SFC WIND (TRUE):** VRB06KT**SFC VISIBILITY (SM):** UNR TEMPO 1-2 –SN BR AFT 12L**SKY CONDITION (MSL):** SCT015 BKN030**MIN ALSTG:** 2896INS**HAZARDS:** TRACE ICG IN CLOUD AND –SN/BR**MT NEWALL****SFC WIND (TRUE):** VRB04KT**SFC VISIBILITY (SM):** UNR TEMPO 1-2 BR 06-12L, BECMG 1-2 –SN BR AFT 12L**SKY CONDITION (MSL):** SCT050 TEMPO BKN050 06-12L, BECMG BKN050 AFT 12L**MIN ALSTG:** 2865INS**HAZARDS:** TRACE ICG IN CLOUD AND –SN/BR**MT FLEMMING****SFC WIND (TRUE):** 29012KT BECMG 09007KT AFT 13L**SFC VISIBILITY (SM):** UNR TEMPO 3-5 BR AFT 11L, BECMG 1-2 –SN BR AFT 13L**SKY CONDITION (MSL):** SCT050 BECMG BKN050 AFT 13L**MIN ALSTG:** 2859INS**HAZARDS:** TRACE ICG IN CLOUD AND –SN/BR**WOLCOTT GLACIER****SFC WIND (TRUE):** VRB06KT**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SCT025 FEW060 BECMG BKN045 AFT 14L**MIN ALSTG:** 2893INS**HAZARDS:** NIL**LAKE HOARE****SFC WIND (TRUE):** VRB06KT**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** FEW050 BECMG SCT025 BKN050 AFT 15L**MIN ALSTG:** 2894INS**HAZARDS:** NIL**LAKE FRYXELL****SFC WIND (TRUE):** VRB06KT**SFC VISIBILITY (SM):** UNR, TEMPO 4-6 BR 09-12L**SKY CONDITION (MSL):** FEW050 BECMG FEW010 SCT050 AFT 12L**MIN ALSTG:** 2900INS**HAZARDS:** NIL

LAKE FRYXELL "SLIME LOCATIONS"

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR, TEMPO 4-6 BR 09-12L

SKY CONDITION (MSL): FEW050 BECMG FEW010 SCT050 AFT 12L

MIN ALSTG: 2900INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): VRB06KT BECMG 05012KT AFT 16L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): FEW070 BECMG FEW025 BKN045 AFT 15L

MIN ALSTG: 2894INS

HAZARDS: NIL

BUTTER POINT

SFC WIND (TRUE): 16006KT

SFC VISIBILITY (SM): 1-2 -SN BR

SKY CONDITION (MSL): BKN009 OVC030

MIN ALSTG: 2893INS

HAZARDS: TRACE ICG IN CLOUD AND -SN/BR

FRIIS HILLS

SFC WIND (TRUE): 27022KT BECMG VRB06KT AFT 12L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): FEW030 BECMG BKN030 AFT 17L

MIN ALSTG: 2874INS

HAZARDS: NIL

JULES AWS

SFC WIND (TRUE): 34006KT BECMG 08014KT AFT 14L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): BKN030

MIN ALSTG: 2898INS

HAZARDS: TRACE ICG IN CLOUD

F6

SFC WIND (TRUE): VRB06KT BECMG 04009KT AFT 11L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): FEW050 BECMG SCT025 BKN050 AFT 15L

MIN ALSTG: 2899INS

HAZARDS: NIL

MIERS VALLEY

SFC WIND (TRUE): VRB03KT BECMG 09006KT AFT 12L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT030 SCT060

MIN ALSTG: 2886INS

HAZARDS: NIL

HOOPERS SHOULDER

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO 1-2 –SN BR AFT 12L

SKY CONDITION (MSL): SCT030 SCT100 TEMPO BKN060 AFT 12L

MIN ALSTG: 2854INS

HAZARDS: TRACE ICG IN CLOUD AND –SN/BR

TURTLE ROCK

SFC WIND (TRUE): 33010KT BECMG 12015KT AFT 13L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): BKN030

MIN ALSTG: 2894INS

HAZARDS: TRACE ICG IN CLOUD

HUTTON CLIFFS

SFC WIND (TRUE): 33010KT BECMG 12015KT AFT 13L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): BKN030

MIN ALSTG: 2894INS

HAZARDS: TRACE ICG IN CLOUD

CAPE ROYDS

SFC WIND (TRUE): 28005KT BECMG 16015KT AFT 13L

SFC VISIBILITY (SM): UNR TEMPO 2-3 –SN BR AFT 13L

SKY CONDITION (MSL): BKN030 TEMPO BKN015 OVC030 AFT 13L

MIN ALSTG: 2893INS

HAZARDS: TRACE ICG IN CLOUD AND –SN/BR

NIGHT AREA OUTLOOKS (VALID TIME: 20/1800L – 21/0600L)

TURTLE ROCK

SFC WIND (TRUE): 10015KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): BKN030

MIN ALSTG: 2897INS

HAZARDS: NIL

HOOPERS SHOULDER

SFC WIND (TRUE): 35010KT

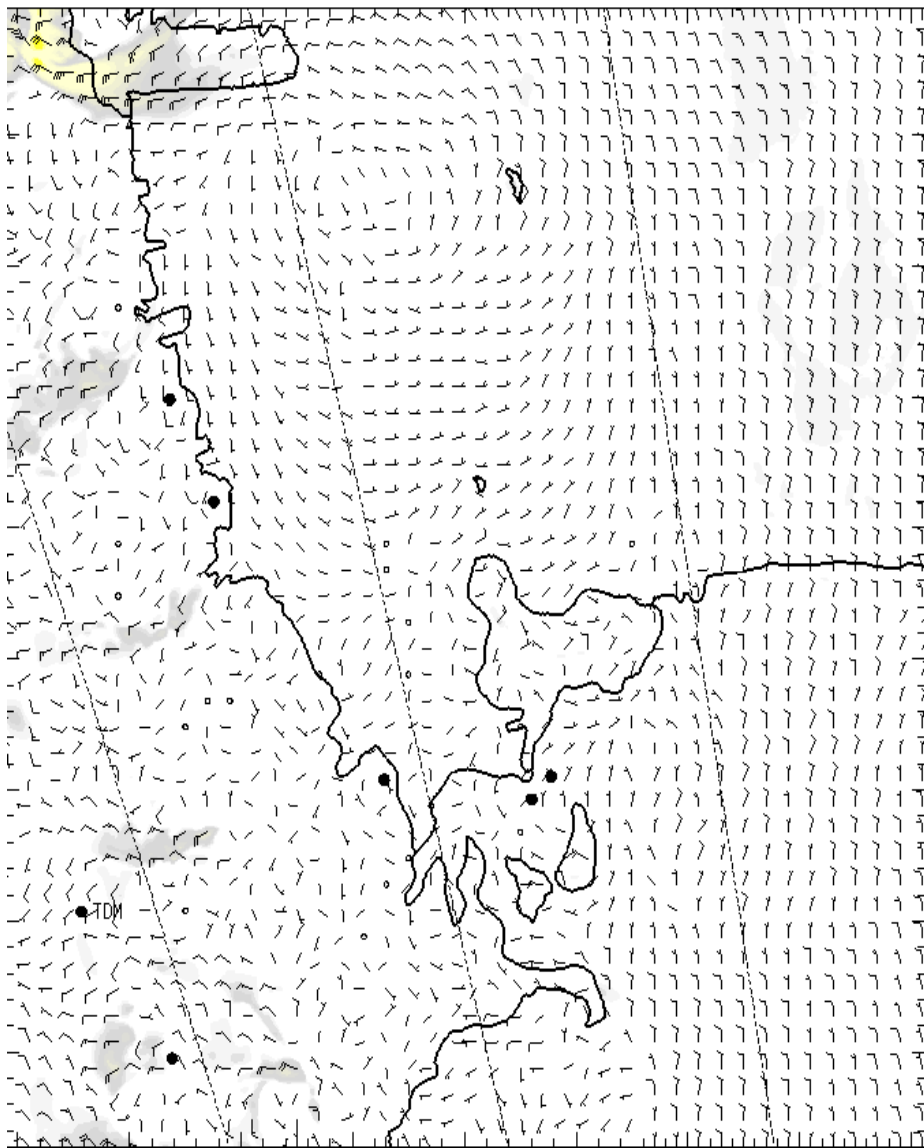
SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT015 SCT130

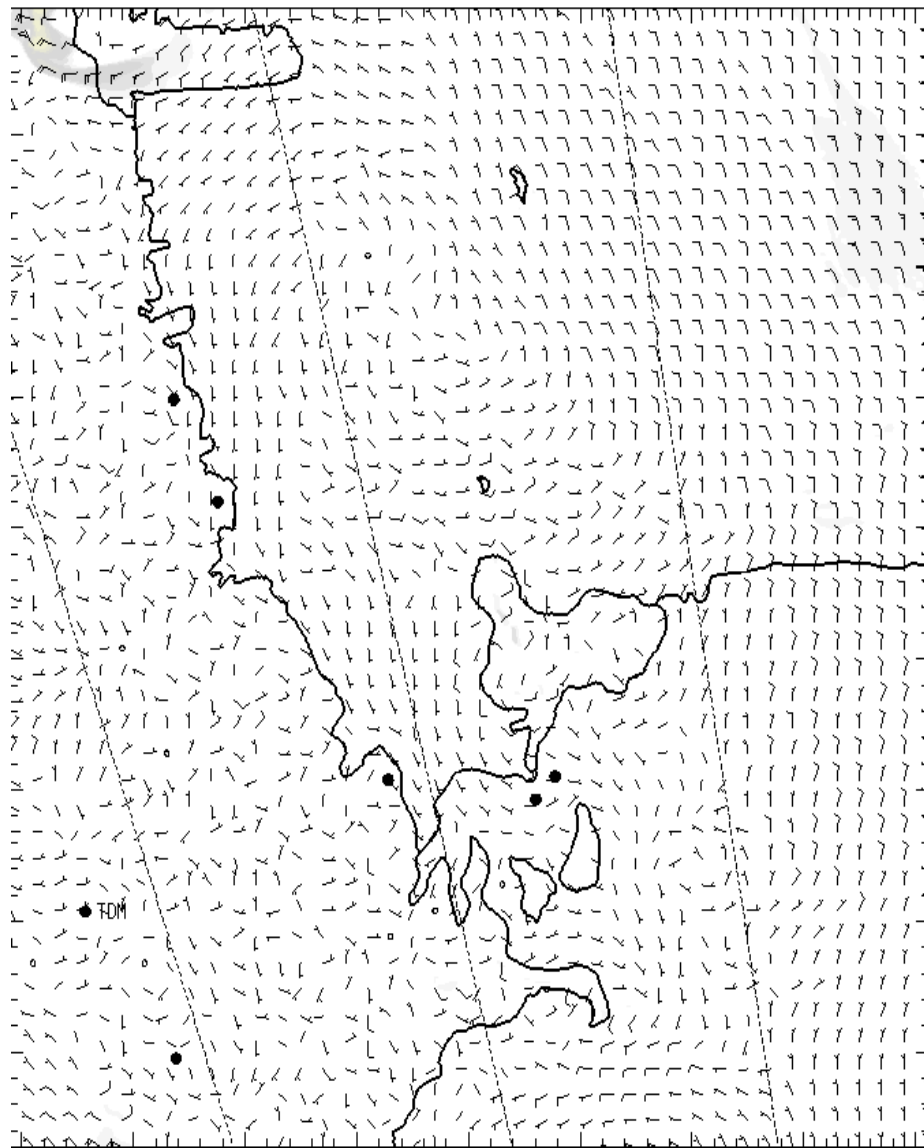
MIN ALSTG: 2857INS

HAZARDS: NIL

SFC

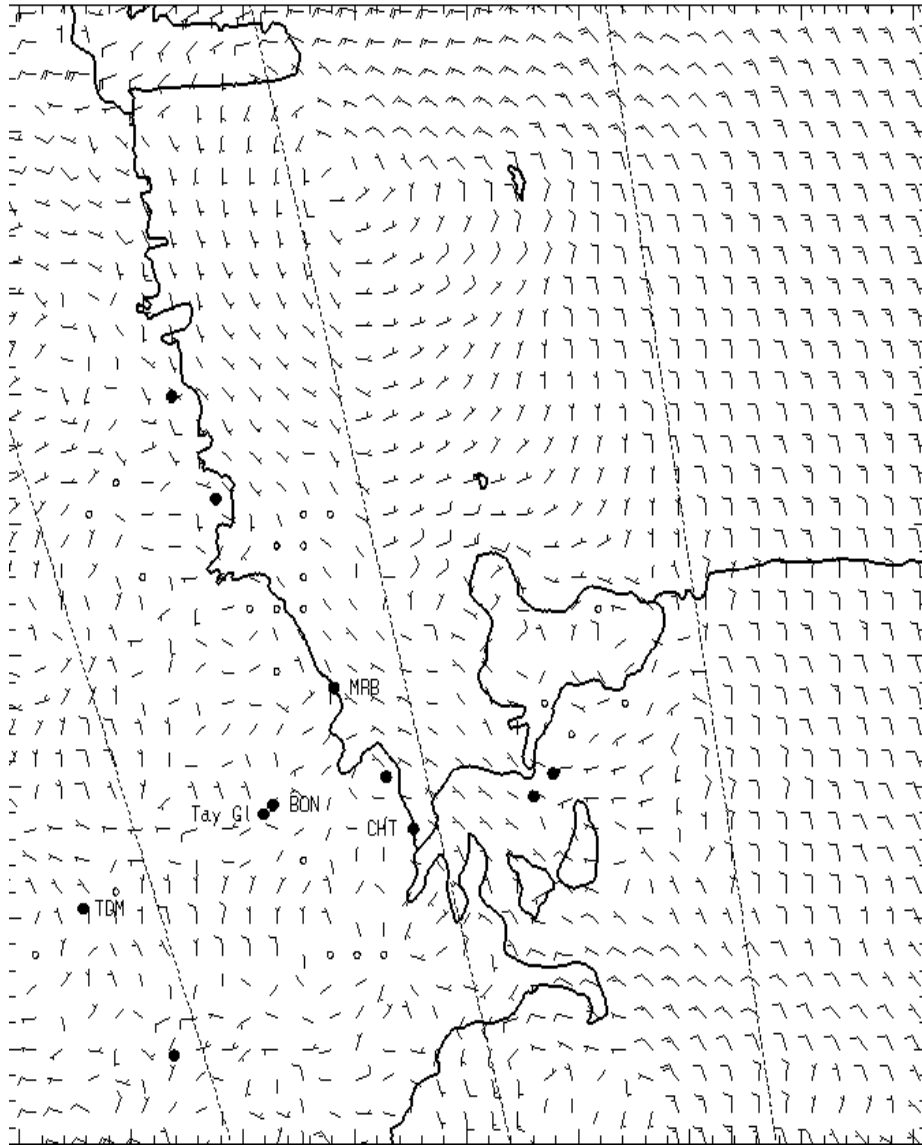


0700L

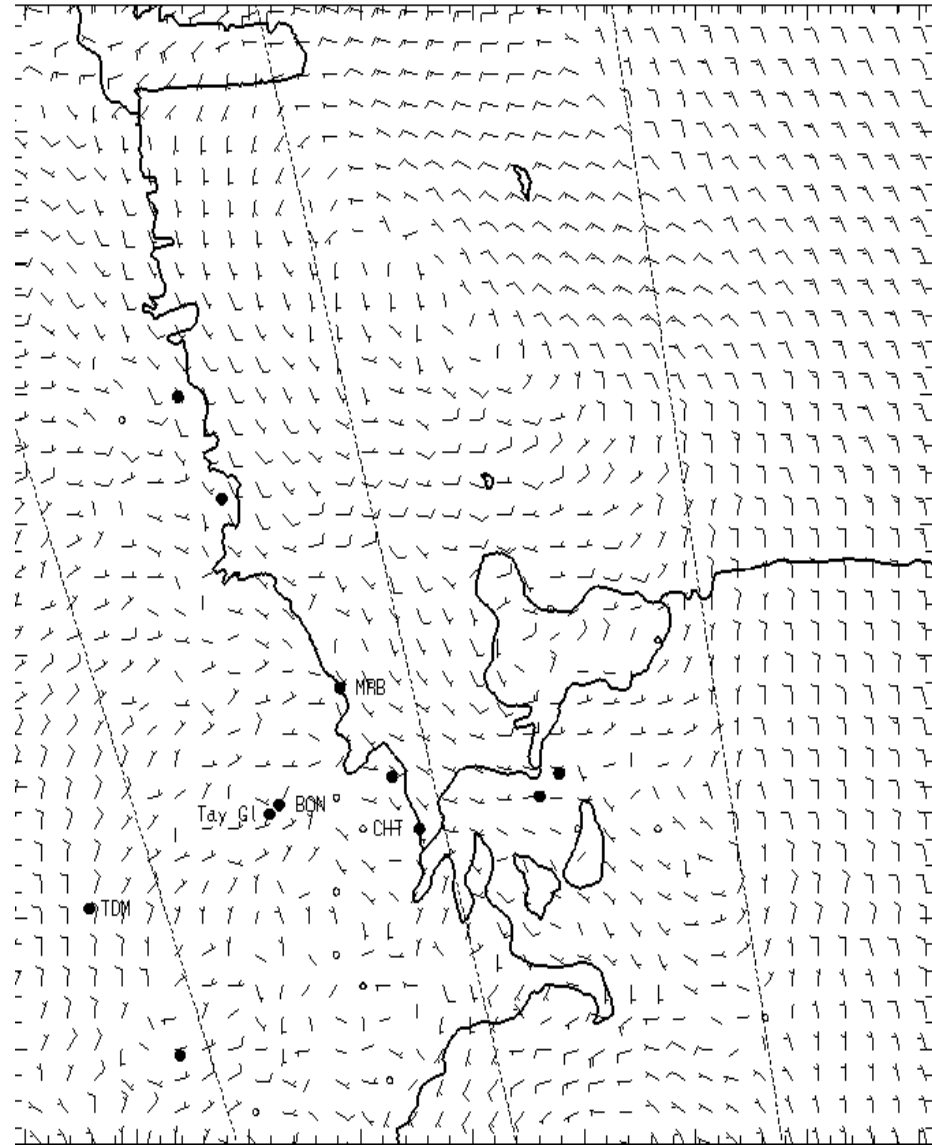


1300L

1,000 ft AGL

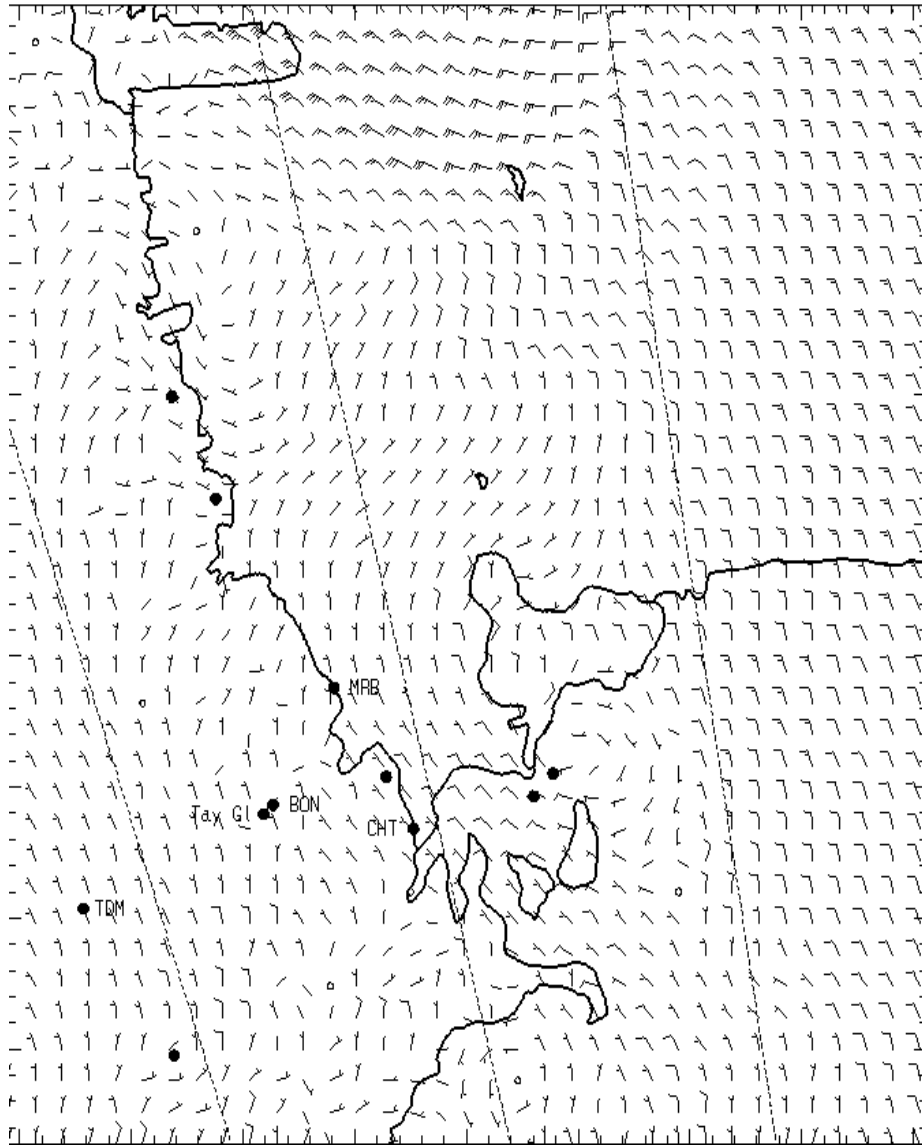


0700L

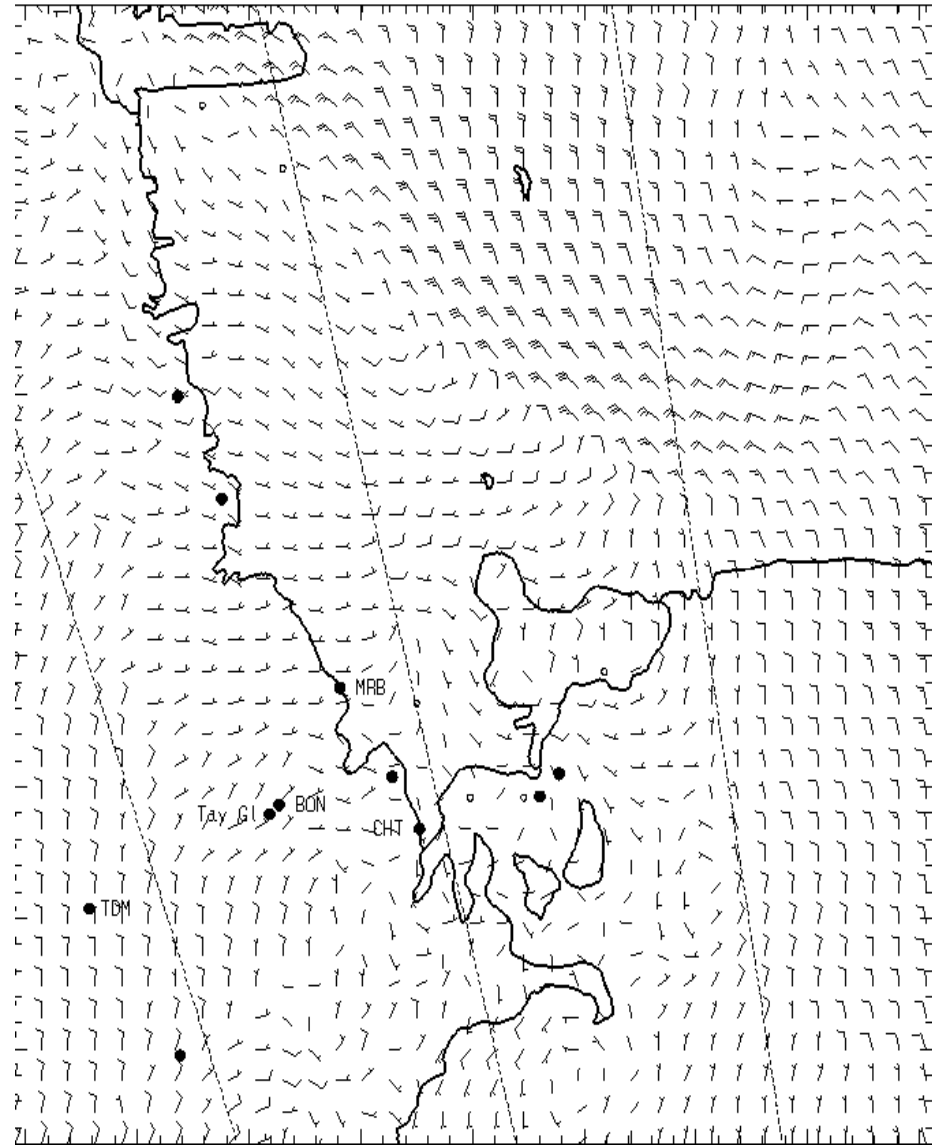


1300L

3,000 ft AGL

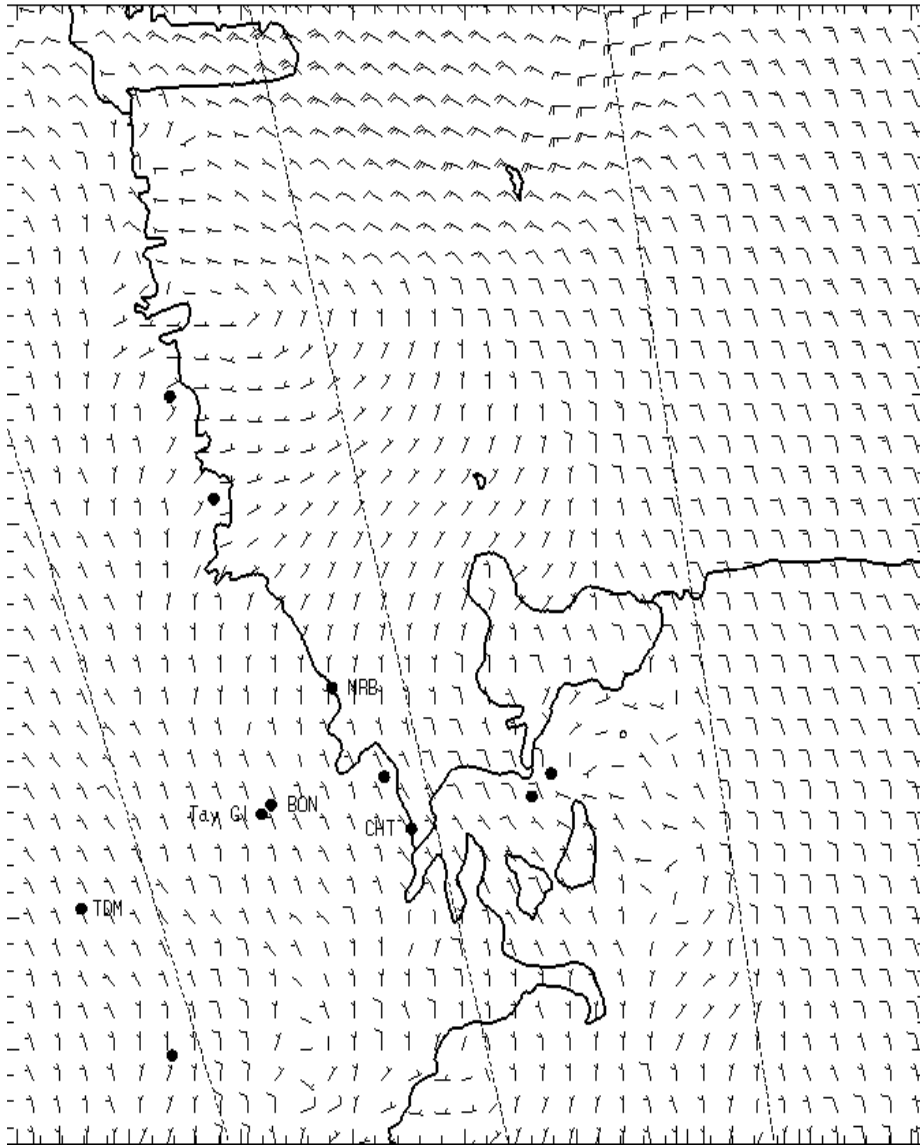


0700L

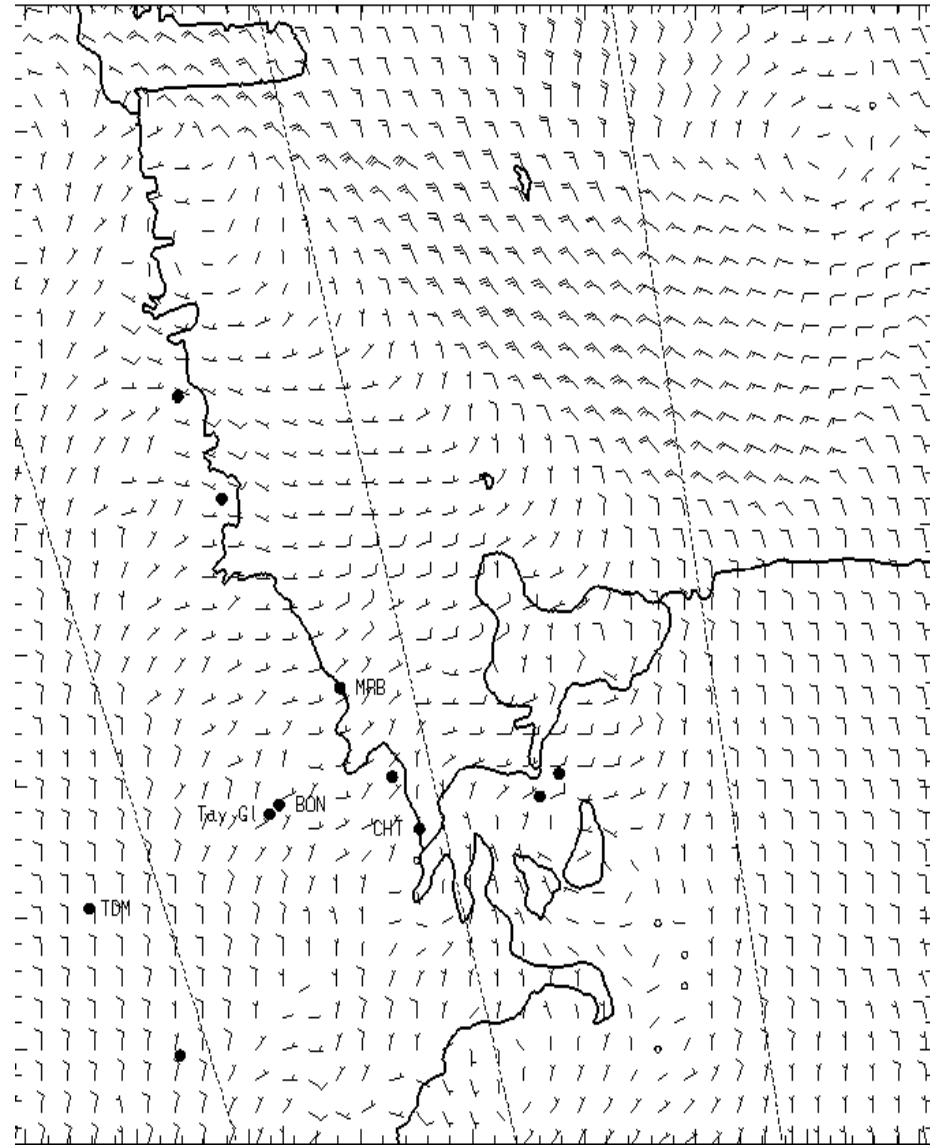


1300L

5,000 ft AGL



0700L



1300L