



HELO Weather

McMurdo Weather
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Iridium: 00 8816 7632 0030
Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Monday, 26 December 2022

Brief Time (L): 0615

Briefing Number: 12-21

FCSTR: Jeff Fournier

REGIONAL SUMMARY

Broad high pressure over the Ross Sea and a weak, broad area of low pressure over the southern Ross Ice Shelf will induce light NW winds over our region today. Low-layer moisture, in the form of areas of broken to overcast clouds with bases around 1400 ft above MSL, will develop across McMurdo Sounds and occasionally move into the airfields. Some of these ceilings may lower to near or below IFR levels overnight.

HAZARDS

AREAS OF MVFR CLOUD CEILINGS ACROSS MCMURDO SOUND AND THE AIRFIELDS. CEILINGS MAY LOWER TO IFR TONIGHT.
TRACE ICING POSSIBLE IN LOW CLOUD LAYERS THROUGH TONIGHT.
LIGHT TO LOCALLY MODERATE TURBUENCE POSSIBLE NEAR RUGGED TERRAIN.

LATEST MCMURDO OBSERVATION

METAR ZCMA 251624Z AUTO 34006KT 9999 BKN015 M04/M07 A2930 RMK AO2 SLP926 GRID15006KT=

RUNWAY TAFS

TAF NZFX 251456Z 2515/2615 (2604/2704NZDT) 35006KT 9999 SCT014 QNH2916INS GRID16006KT
TEMPO 2515/2521 (2604/2610) BKN014
BECMG 2607/2609 (2620/2622) VRB05KT 9999 FEW006 BKN010 600101 QNH2908INS

TAF NZWD 251456Z 2515/2615 (2604/2704NZDT) 35006KT 9999 SCT014 QNH2916INS GRID16006KT
TEMPO 2515/2521 (2604/2610) BKN014
BECMG 2607/2609 (2620/2622) VRB06KT 9999 FEW006 BKN010 QNH2908INS

MCMURDO HELIPAD FORECAST (VALID TIME: 26/0600L – 26/1800L)

SFC WIND (TRUE): 33008KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT-BKN014
MIN ALSTG: 2920INS
HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 26/0600L – 26/1800L)

SCOTT BASE

SFC WIND (TRUE): 34007KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT-BKN014
MIN ALSTG: 2920INS

HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): 35006KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT014 TEMPO BKN014 AFT 15L

MIN ALSTG: 2917INS

HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): 36007KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT014

MIN ALSTG: 2915INS

HAZARDS: NIL

MOORE'S BAY

SFC WIND (TRUE): 36010KT

SFC VISIBILITY (SM): 4-6 BR

SKY CONDITION (MSL): FEW006 BKN014

MIN ALSTG: 2915INS

HAZARDS: TRACE ICG IN CLOUD

MT NEWALL

SFC WIND (TRUE): 24007KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT150

MIN ALSTG: 2887INS

HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): 13008KT BECMG 10005KT AFT 11L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT150

MIN ALSTG: 2914INS

HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): 11006KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): FEW014 SCT150 BECMG BKN014 AFT 16L

MIN ALSTG: 2919INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 23015G25KT, BECMG 04008KT AFT 12L

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): SCT150

MIN ALSTG: 2911INS

HAZARDS: LGT TURBC SFC-010, BECMG NIL AFT 12L

F6

SFC WIND (TRUE): 05008KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2917INS
HAZARDS: NIL

S FORK WRIGHT

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT-BKN130
MIN ALSTG: 2892INS
HAZARDS: NIL

CANADA SG

SFC WIND (TRUE): 35006KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT014 SCT150
MIN ALSTG: 2913INS
HAZARDS: NIL

HUEY SG (LOCATION UNKNOWN)

BOHNER SG

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT014 BKN150
MIN ALSTG: 2912INS
HAZARDS: NIL

TAYLOR GLACIER

SFC WIND (TRUE): 27020KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT150
MIN ALSTG: 2909INS
HAZARDS: LGT TURBC SFC-010

LAWSON SG

SFC WIND (TRUE): VRB05KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT014 BKN150
MIN ALSTG: 2908INS
HAZARDS: NIL

HOWARD SG

SFC WIND (TRUE): 35006KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT014 TEMPO BKN014 AFT 12L
MIN ALSTG: 2913INS
HAZARDS: NIL

FANG**SFC WIND (TRUE):** 24014G20KT**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SKC, BECMG BKN-SCT130 AFT 13L, TEMPO BKN-OVC080 AFT 16L**MIN ALSTG:** 2868**HAZARDS:** NIL**CAPE ROYDS****SFC WIND (TRUE):** 35010KT**SFC VISIBILITY (SM):** UNR, VC FG AFT 13L**SKY CONDITION (MSL):** FEW-SCT015 SCT-BKN 130. TEMPO SCT007 AFT 16L**MIN ALSTG:** 2913INS**HAZARDS:** NIL**SEA ICE****SFC WIND (TRUE):** 35008KT**SFC VISIBILITY (SM):** 4-6 BR**SKY CONDITION (MSL):** FEW006 BKN014**MIN ALSTG:** 2915INS**HAZARDS:** TRACE ICG IN CLOUD**CAPE BIRD****SFC WIND (TRUE):** 03010KT**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SCT014**MIN ALSTG:** 2913INS**HAZARDS:** NIL**NIGHT AREA OUTLOOKS (VALID TIME: 26/1800L – 27/0600L)****SEA ICE****SFC WIND (TRUE):** 36006KT**SFC VISIBILITY (SM):** 4-6 BR**SKY CONDITION (MSL):** SCT006 BKN010**MIN ALSTG:** 2903INS**HAZARDS:** TRACE ICG IN CLOUD**NAUSEA KNOB****SFC WIND (TRUE):** 24014G20KT**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SKC, BECMG BKN-SCT130 AFT 13L, TEMPO BKN-OVC080 AFT 16L**MIN ALSTG:** 2868**HAZARDS:** NIL**S FORK WRIGHT****SFC WIND (TRUE):** VRB06KT, BECMG 15011KT AFT 22L**SFC VISIBILITY (SM):** UNR**SKY CONDITION (MSL):** SCT-BKN130**MIN ALSTG:** 2882INS**HAZARDS:** NIL

LAKE FRYXELL

SFC WIND (TRUE): 14008KT

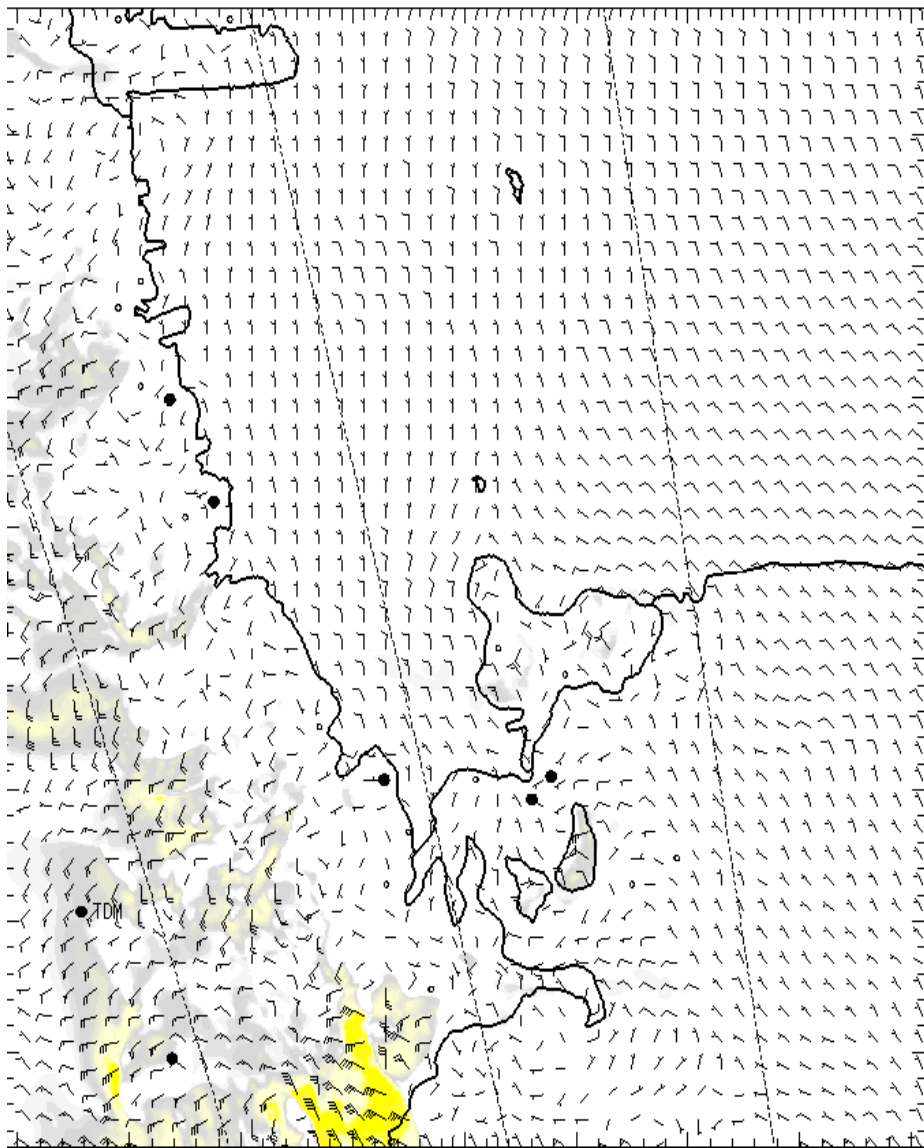
SFC VISIBILITY (SM): UNR, TEMPO 4-6 BR AFT 20L

SKY CONDITION (MSL): SCT014 SCT150, TEMPO SCT006 BKN014 AFT 20L

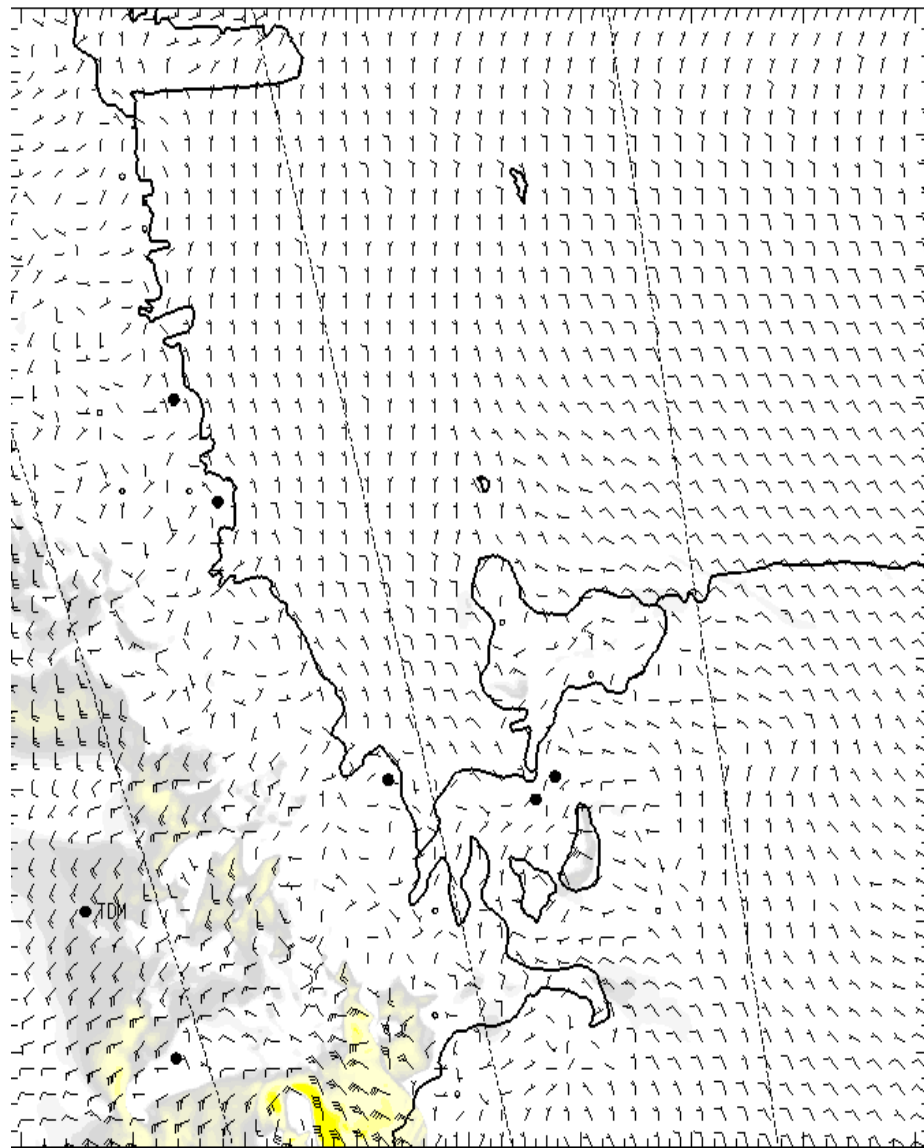
MIN ALSTG: 2905INS

HAZARDS: NIL, TRACE ICG AFT 20L

SFC

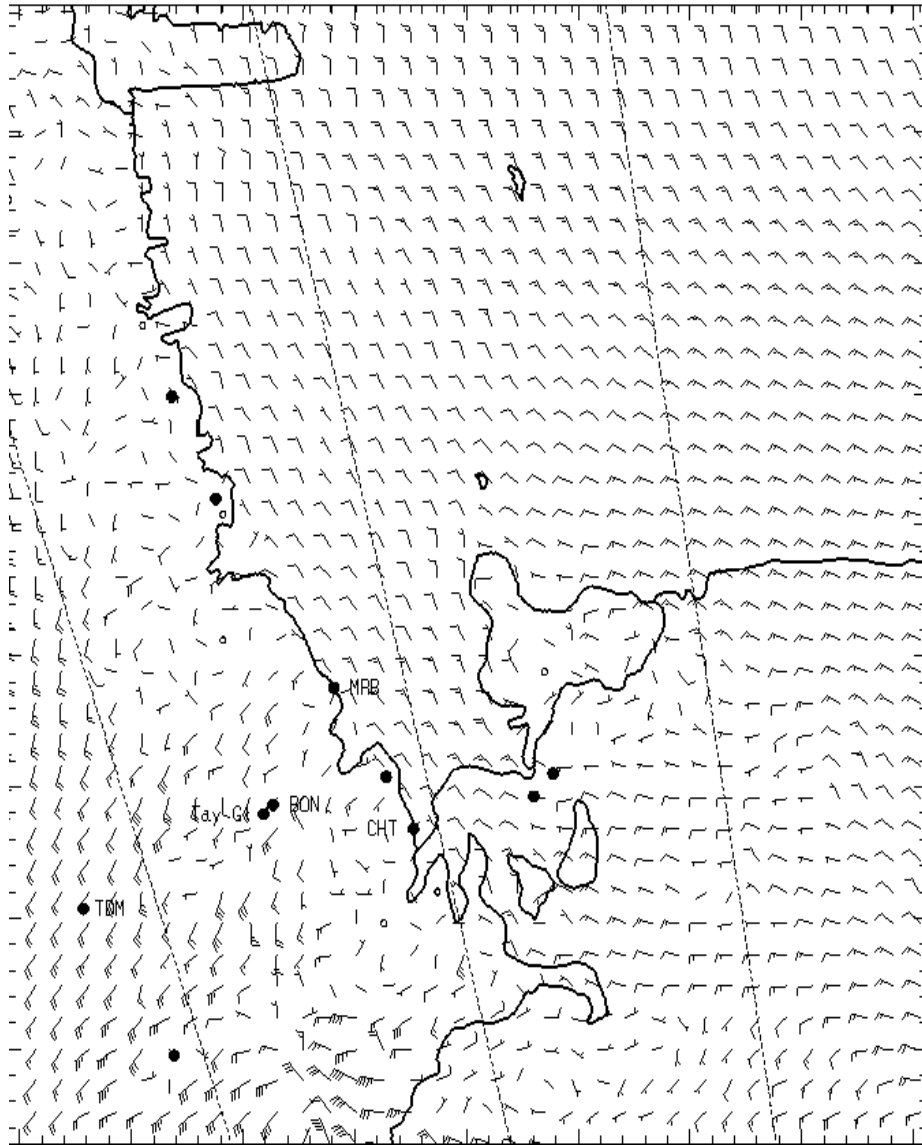


0700L

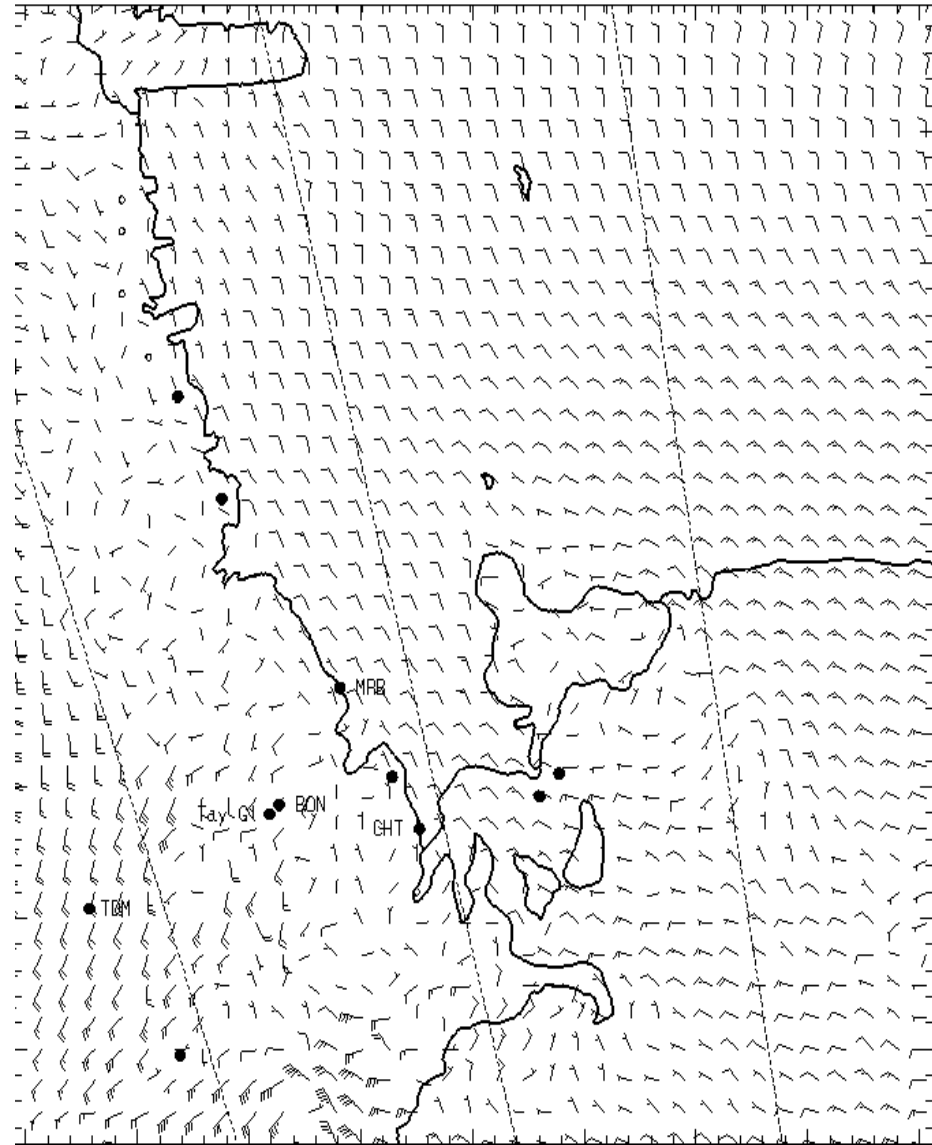


1300L

1,000 ft AGL

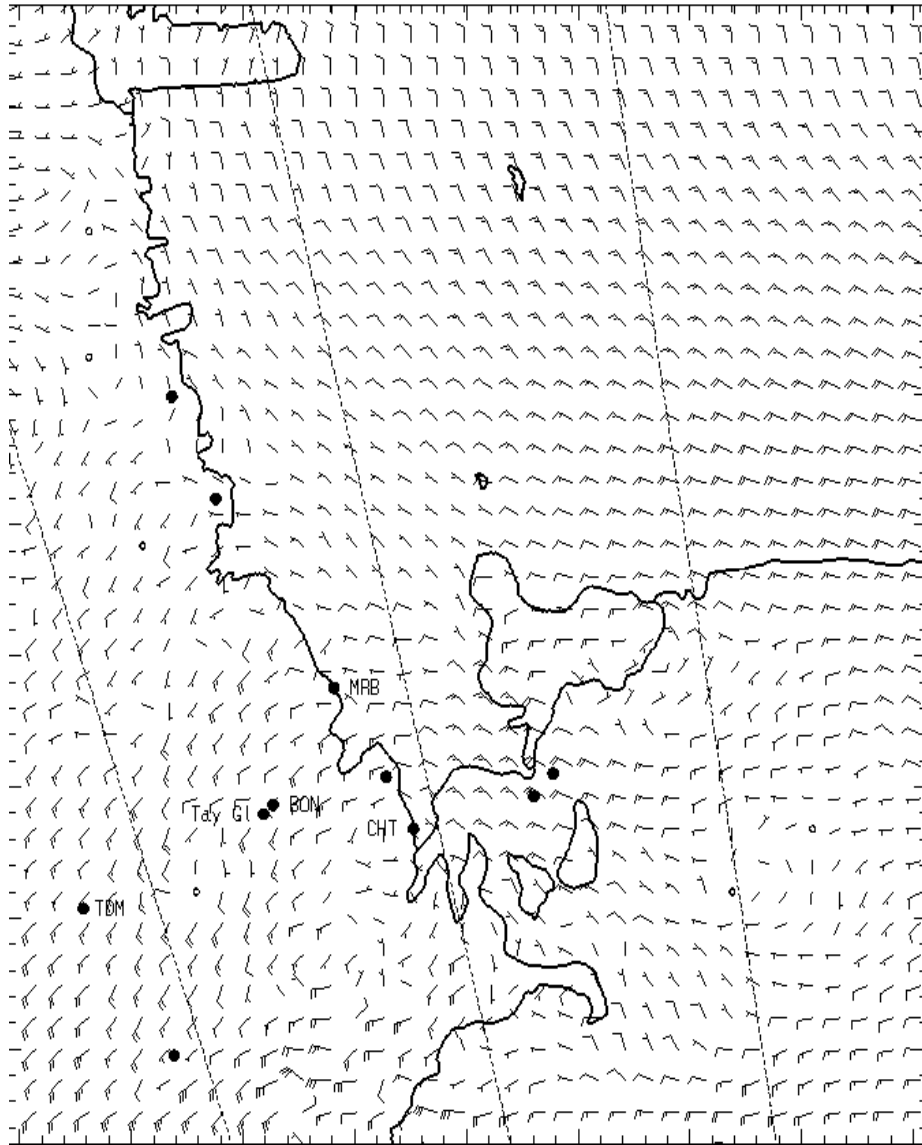


0700L

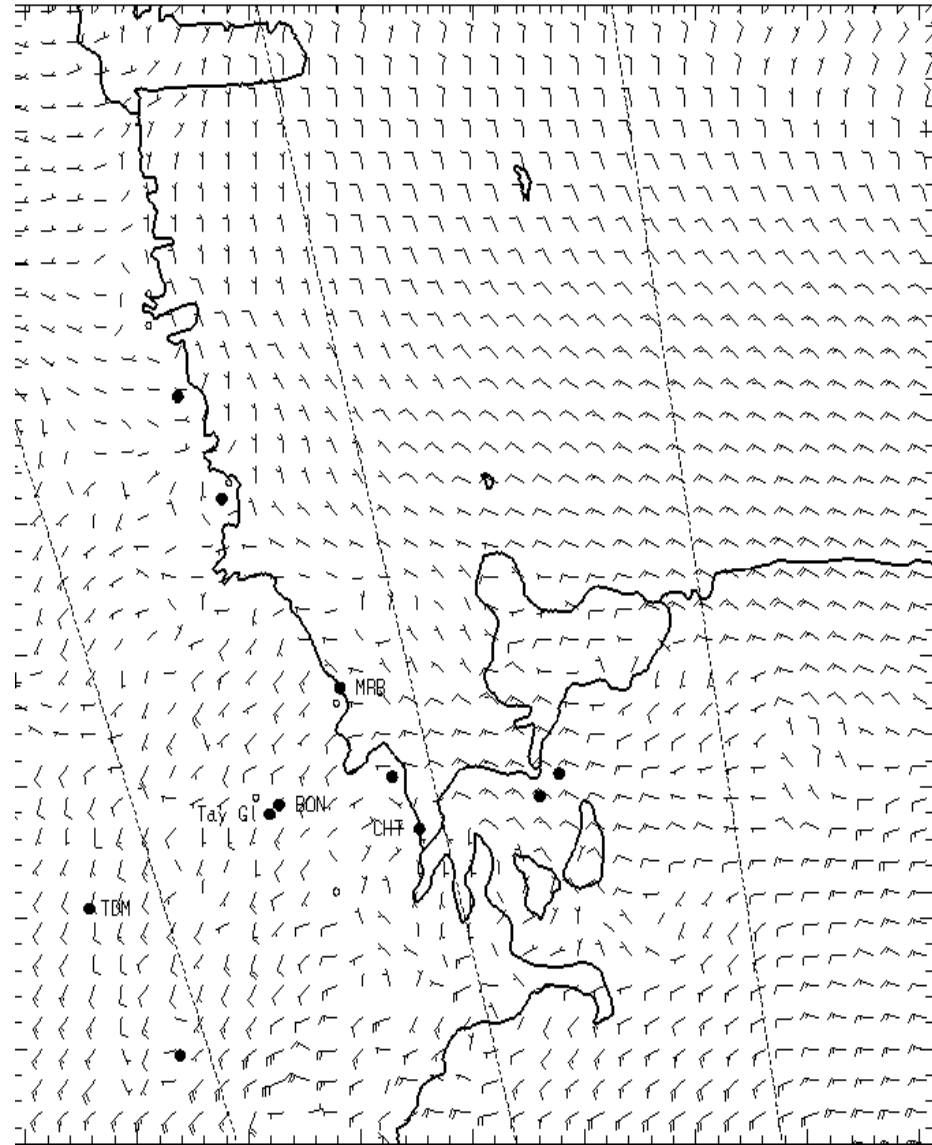


1300L

3,000 ft AGL

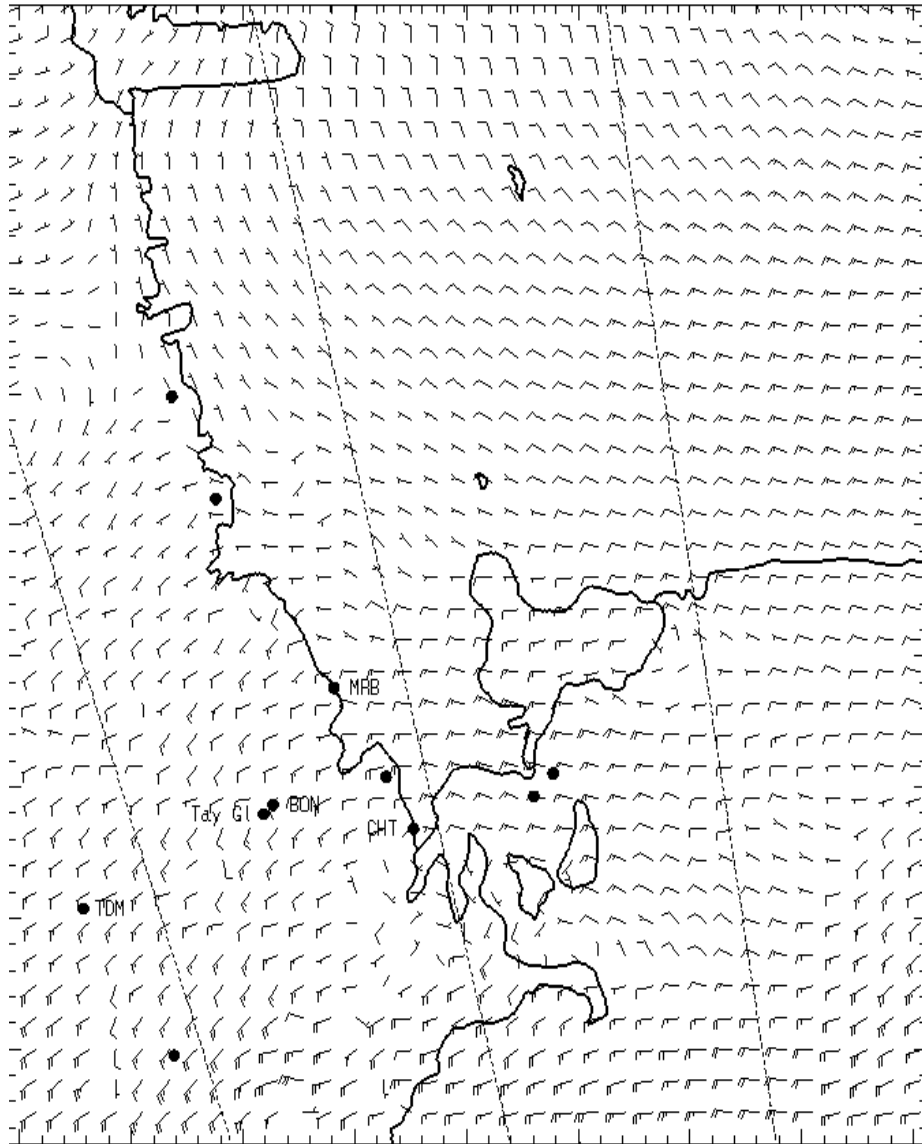


0700L

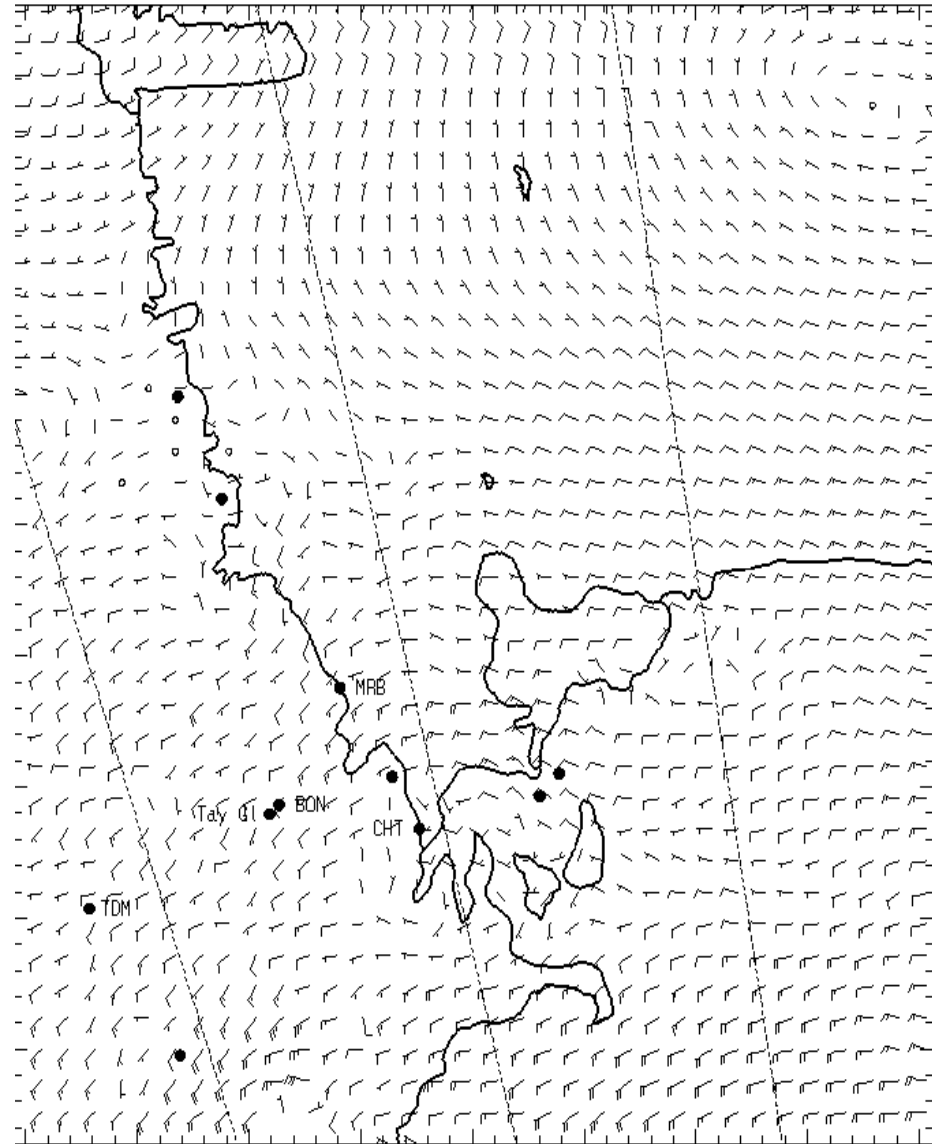


1300L

5,000 ft AGL



0700L



1300L