



# Helo Weather

Charleston ROF

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Date (L): Tue 30 December 2021

Brief Time (L): 0600

Briefing Number: 12-025

FCSTR: Paul Gulli

## REGIONAL SUMMARY

Low pressure over the eastern Ross Sea continues to slowly drive a trough through the area, causing heavily layered cloudiness and reduced visibility in snow. Satellite and model data indicate the poor weather should continue throughout the day, with the snow slowly dissipating in the afternoon, but a transition to gusty southerly winds will keep visibility reduced in blowing snow.

## HAZARDS

Light Turbulence is expected from McMurdo Station and south, with more Moderate Turbulence potential over Black Island and Cape Crozier in the stronger wind flow expected today. Light Rime Icing is expected most locations due to heavy cloudiness, some of which will dissipate in the afternoon.

## LATEST MCMURDO OBSERVATION

METAR NZCM 291555Z AUTO 09008KT 4800 -SN BR FEW015 OVC019 M07/M08 A2899 RMK AO2 SLP820 T10661080 \$=-

## RUNWAY TAFS

TAF NZFX 291458Z 2915/3015 (3004/3104NZDT) 15008KT 1200 -SN BR SCT007 OVC010 620156 QNH2899INS  
GRID32008KT

BECMG 2917/2919 (3006/3008) 16014KT 3200 BR BLSN SCT010 BKN020 OVC100 620205 QNH2899INS GRID33014KT  
BECMG 2923/3001 (3012/3014) 16015G22KT 6000 BR BLSN SCT010 SCT030 BKN100 QNH2906INS GRID33015G22KT  
BECMG 3009/3011 (3022/3024) 15012G22KT 6000 BR BLSN BKN015 OVC030 620156 QNH2913INS GRID32012G22KT

TAF NZWD 291458Z 2915/3015 (3004/3104NZDT) 13015KT 1200 -SN BR BLSN SCT007 OVC010 620156 QNH2898INS  
GRID30015KT

BECMG 2921/2923 (3010/3012) 15014KT 3200 BR BLSN SCT010 BKN020 OVC100 620205 QNH2905INS GRID32014KT  
BECMG 3002/3004 (3015/3017) 14015G22KT 6000 BR BLSN SCT010 SCT030 BKN100 QNH2909INS GRID31015G22KT  
BECMG 3009/3011 (3022/3024) 15012G22KT 6000 BR BLSN BKN010 OVC025 620105 QNH2913INS GRID32012G22KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 30/0600L - 1800L)

**SFC WIND (TRUE):** 11012KT, BECMG 16015G25KT AFT 12L

**SFC VISIBILITY (SM):** 2 IN -SN BLSN

**SKY CONDITION (AGL):** BKN020 OVC100

**MIN ALSTG:** 28.86INS

**HAZARDS:** LGT TURBC SFC-060, LGT RIME ICG 020-080

**SITE & AREA FORECASTS (VALID TIME: 30/0600L - 1800L)**

**CONEZ**

**SFC WIND (TRUE):** 20010KT

**SFC VISIBILITY (SM):** NIL IN -SG

**SKY CONDITION (AGL):** VV000

**MIN ALSTG:** 28.12INS

**HAZARDS:** NIL

**BLACK ISLAND**

**SFC WIND (TRUE):** 22035G45KT

**SFC VISIBILITY (SM):** ¼ IN -SN, BECMG 1 IN BLSN AFT 12L

**SKY CONDITION (AGL):** BKN010 OVC060, BECMG SCT010 BKN060 BKN100 AFT 12L

**MIN ALSTG:** 28.96INS

**HAZARDS:** MOD TURBC SFC-070; LGT RIME ICG 010-070 TIL 12L

**LK HOARE**

**SFC WIND (TRUE):** 09009KT

**SFC VISIBILITY (SM):** 3 IN -SN BR, BECMG UNRES AFT 12L

**SKY CONDITION (AGL):** BKN025 BKN060, BECMG SCT025 BKN100 AFT 12L

**MIN ALSTG:** 28.92INS

**HAZARDS:** LGT RIME ICG 025-080, NIL AFT 12L

**WHITE ISLAND AWS**

**SFC WIND (TRUE):** 18010KT, BECMG 20017KT AFT 11L

**SFC VISIBILITY (SM):** ½ IN -SN FG, BECMG 2 IN BLSN AFT 11L

**SKY CONDITION (AGL):** BKN010 OVC030, BECMG SCT010 BKN030 BKN080 AFT 11L

**MIN ALSTG:** 28.96INS

**HAZARDS:** LGT TURBC SFC-040, LGT RIME ICG 010-070

**F6**

**SFC WIND (TRUE):** 05010KT

**SFC VISIBILITY (SM):** 3 IN -SN BR, BECMG UNRES AFT 12L

**SKY CONDITION (AGL):** BKN025 BKN060, BECMG SCT025 BKN100 AFT 12L

**MIN ALSTG:** 29.00INS

**HAZARDS:** LGT RIME ICG 025-080, NIL AFT 12L

**MT MELTON**

**SFC WIND (TRUE):** 22015KT

**SFC VISIBILITY (SM):** ½ IN -SN BLSN

**SKY CONDITION (AGL):** BKN010 OVC030

**MIN ALSTG:** 28.54INS

**HAZARDS:** LGT TURBC SFC-050

**CP CROZIER**

**SFC WIND (TRUE):** 21018G28KT

**SFC VISIBILITY (SM):** ¼ IN –SN BLSN

**SKY CONDITION (AGL):** OVC006

**MIN ALSTG:** 28.99INS

**HAZARDS:** LGT TURBC SFC-070, LGT RIME ICG 006-060

**CP ROYDS**

**SFC WIND (TRUE):** 20025KT

**SFC VISIBILITY (SM):** 3 IN –SN BLSN

**SKY CONDITION (AGL):** BKN020 BKN080, BECMG SCT020 BKN080 AFT 12L

**MIN ALSTG:** 28.91INS

**HAZARDS:** OCNL MOD TURBC SFC-060

**SCOTT BASE**

**SFC WIND (TRUE):** 11012KT, BECMG 16015G25KT AFT 12L

**SFC VISIBILITY (SM):** 2 IN –SN BLSN

**SKY CONDITION (AGL):** BKN020 OVC100

**MIN ALSTG:** 28.86INS

**HAZARDS:** LGT TURBC SFC-060, LGT RIME ICG 020-080

**LK BROWNWORTH**

**SFC WIND (TRUE):** 09009KT

**SFC VISIBILITY (SM):** 1 IN –SN BR

**SKY CONDITION (AGL):** BKN015 BKN050

**MIN ALSTG:** 28.92INS

**HAZARDS:** LGT RIME ICG 015-070

**COMMONWEALTH GL**

**SFC WIND (TRUE):** 08007KT

**SFC VISIBILITY (SM):** 1 IN –SN BR

**SKY CONDITION (AGL):** BKN015 BKN040

**MIN ALSTG:** 28.93INS

**HAZARDS:** LGT RIME ICG 015-070

**GREENWORTH VALLEY**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** ½ IN –SN FG

**SKY CONDITION (AGL):** BKN010 OVC030

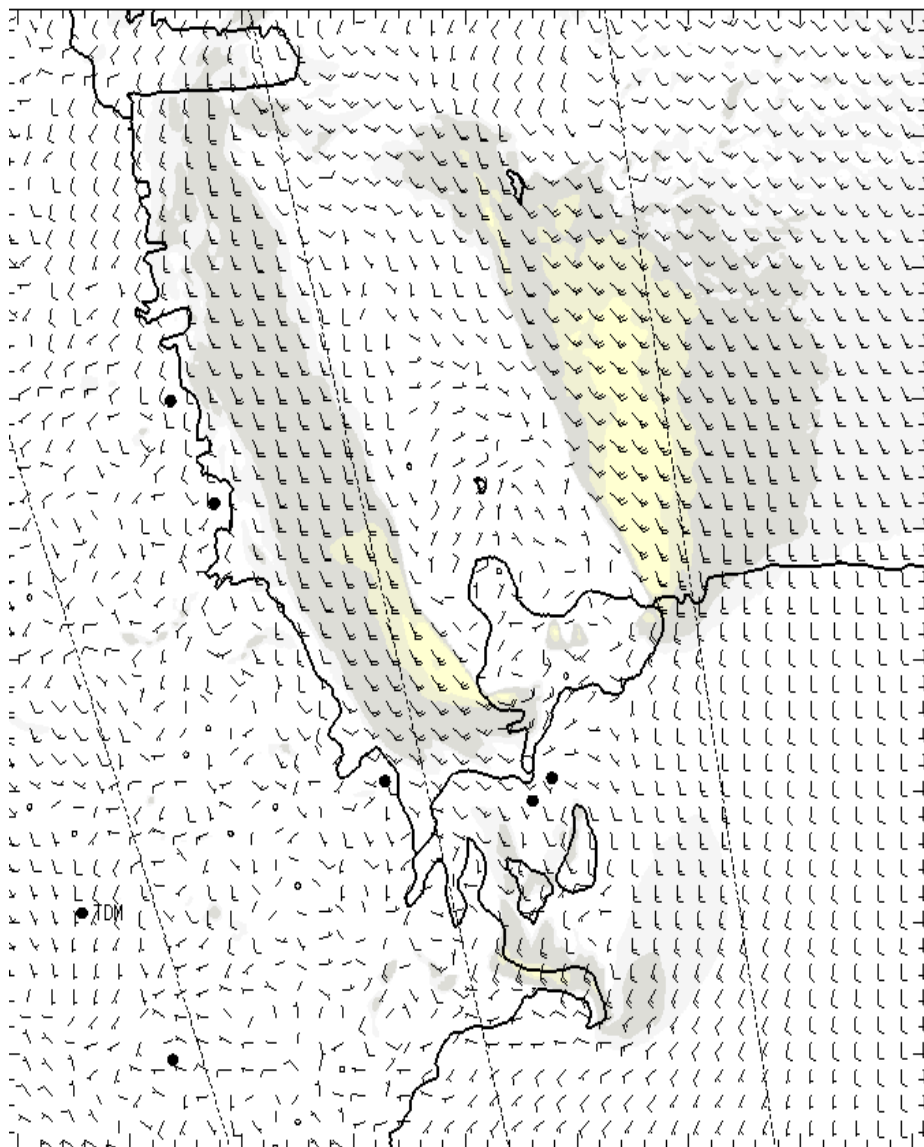
**MIN ALSTG:** 28.85INS

**HAZARDS:** LGT RIME ICG 010-080

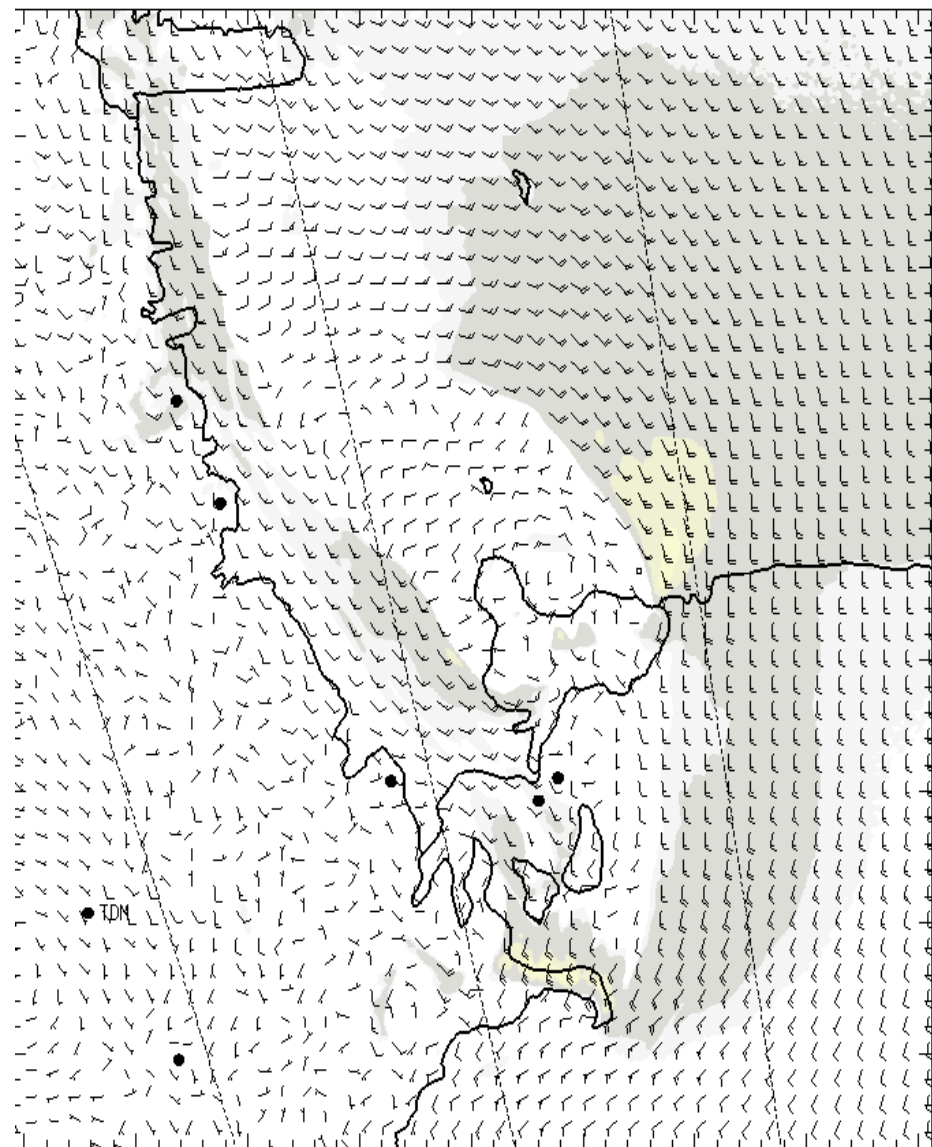
**NIGHT AREA OUTLOOKS (VALID TIME: 30/1800L - 31/0600L):**

N/A

# SFC

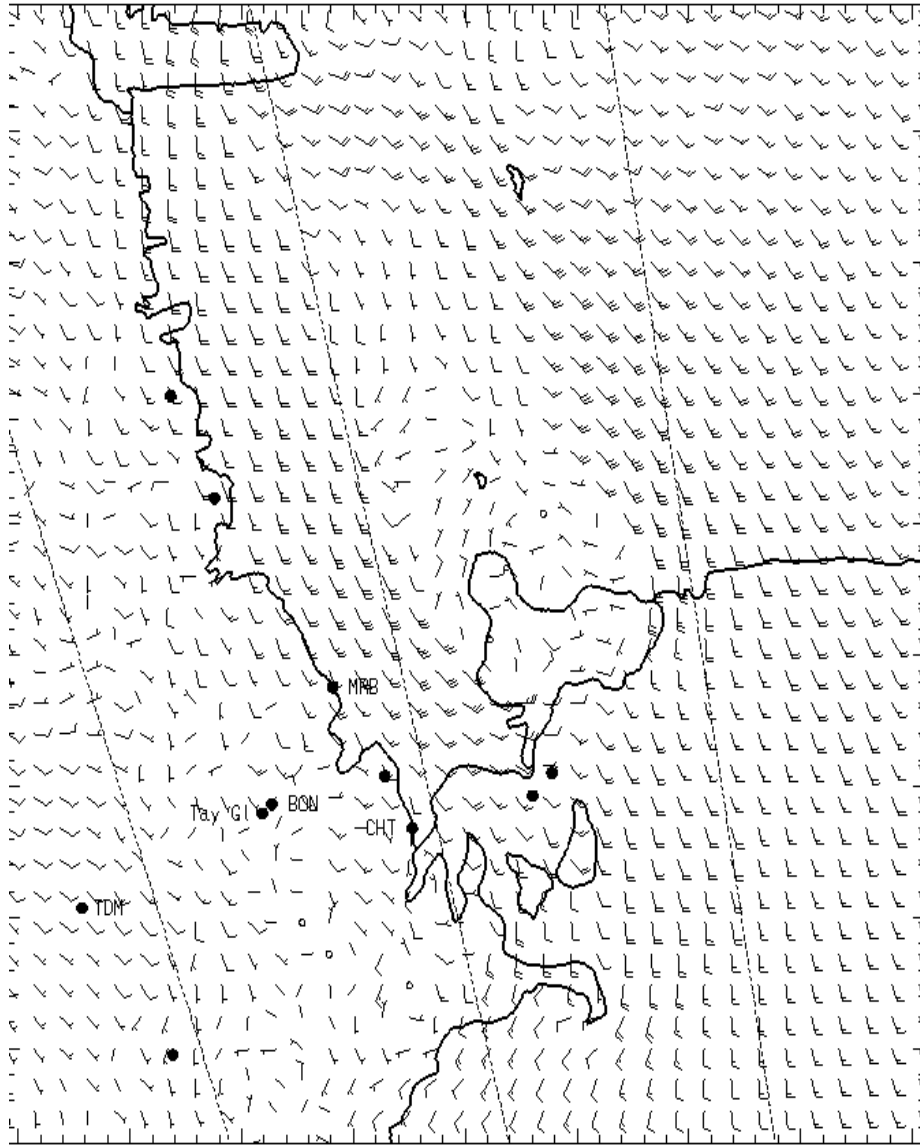


0700L

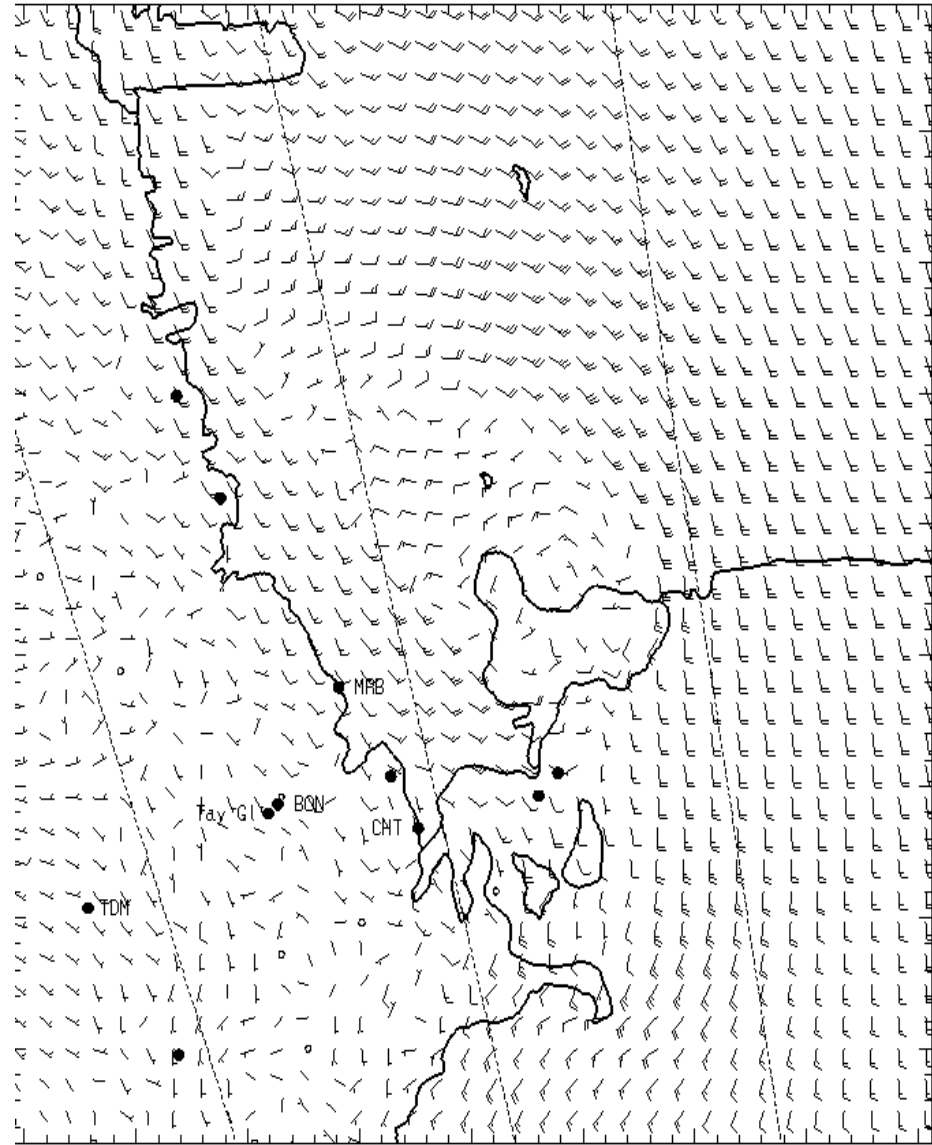


1300L

# 1,000 ft AGL

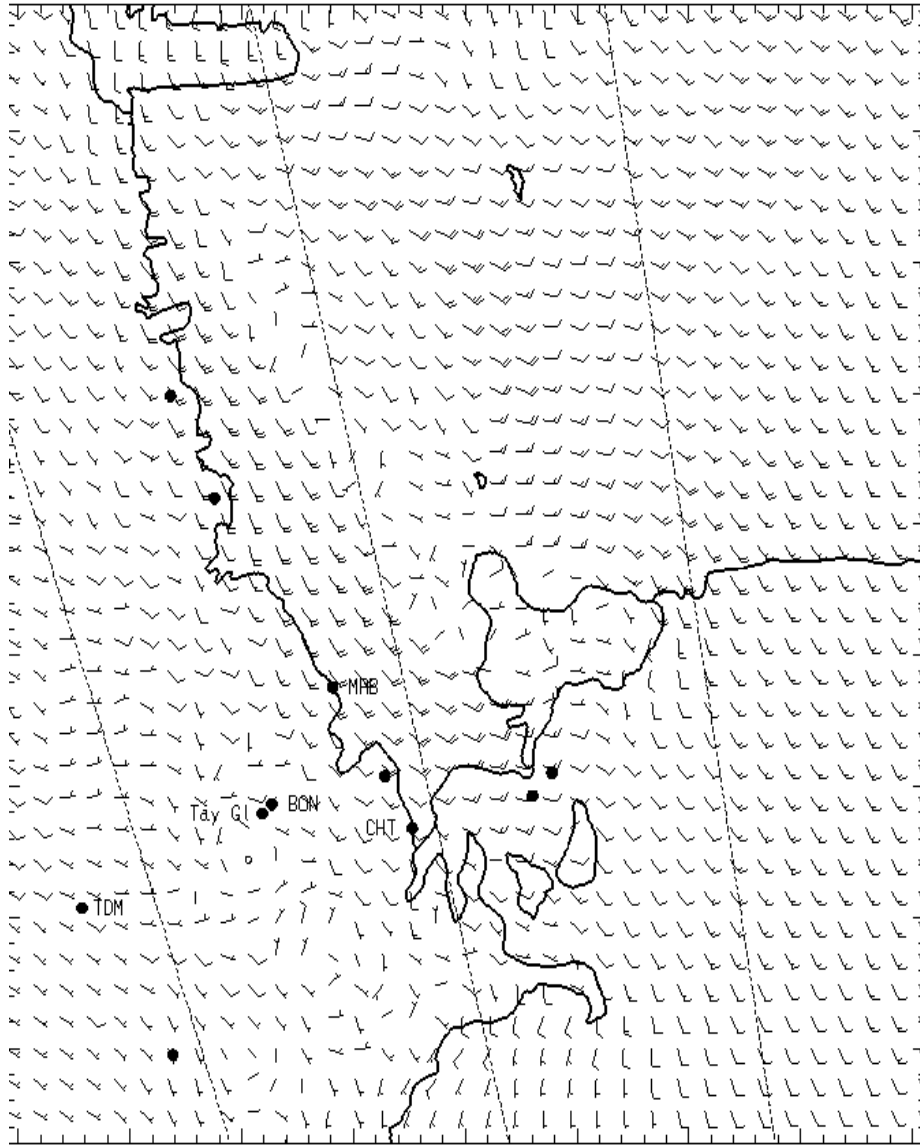


0700L

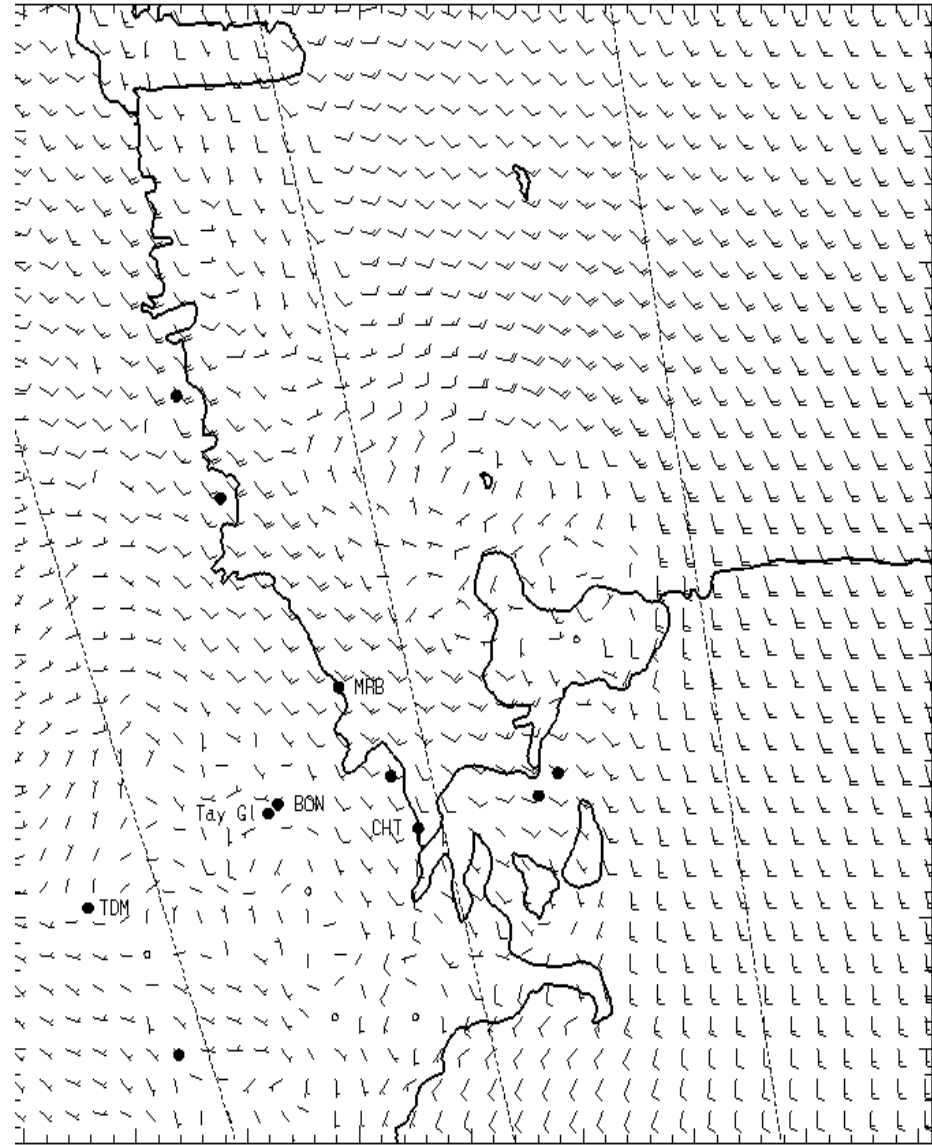


1300L

# 3,000 ft AGL

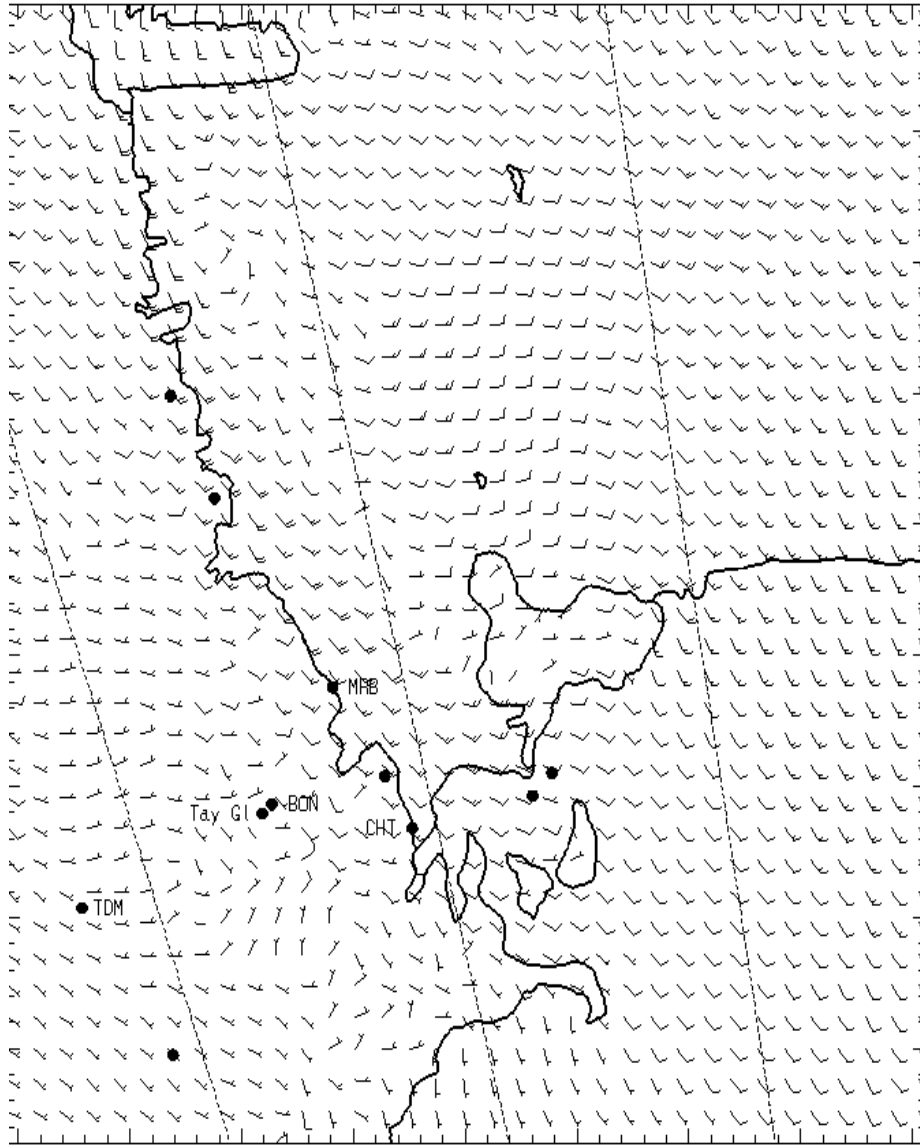


0700L

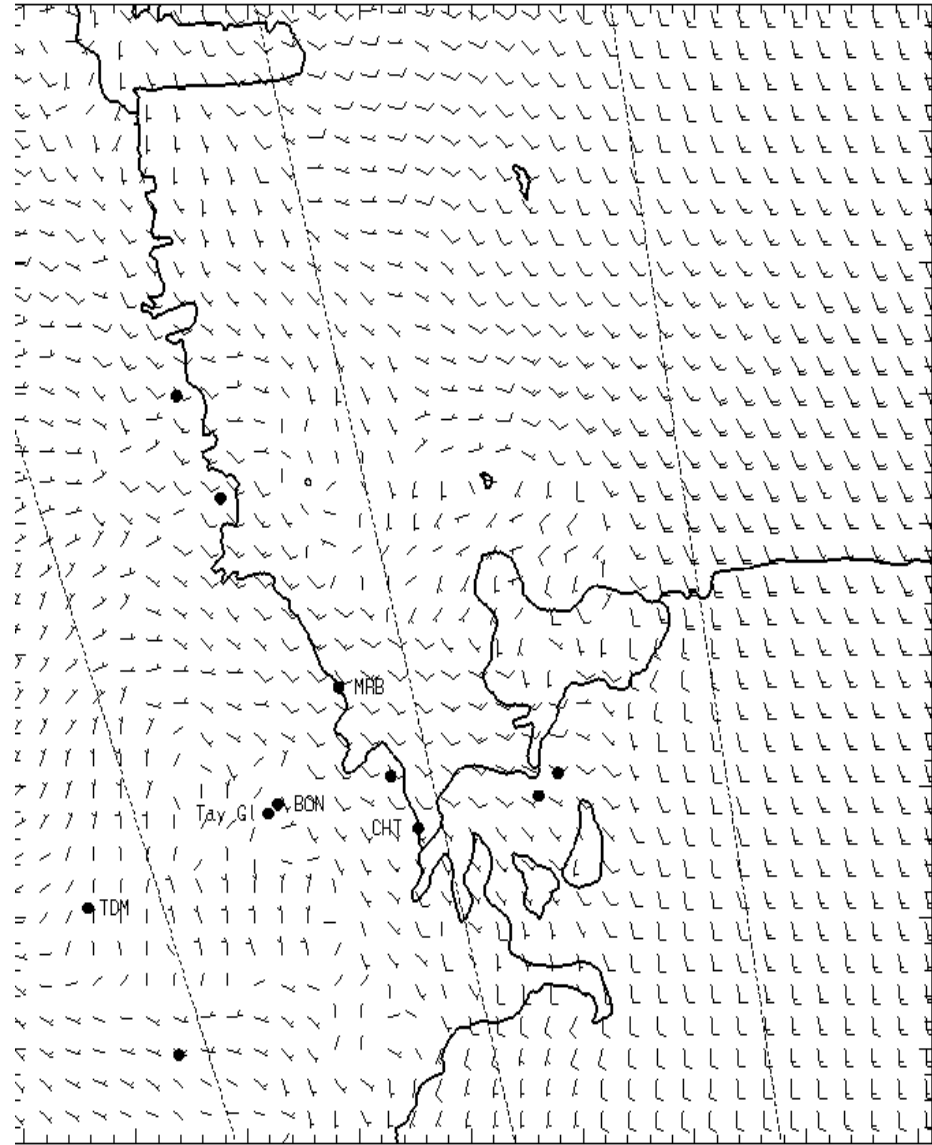


1300L

# 5,000 ft AGL



0700L



1300L