



# Helo Weather

**Charleston ROF**

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Date (L): Wed 2 February 2022

Brief Time (L): 0600

Briefing Number: 02-002

FCSTR: Paul Gulli

## REGIONAL SUMMARY

Low pressure still spinning over the central Ross Sea has an associated trough extended through the western Ross Ice Shelf, and continues to drag layered cloudiness over the local area today. Intermittent snow and blowing snow are expected to be ongoing today, but visibility is still expected to remain mostly unrestricted as the low itself is beginning to weaken.

## HAZARDS

Light to Moderate Turbulence is expected over the eastern portions of the flying area today: McMurdo Station, the runways and east to Cape Crozier. Moderate to Severe Turbulence is expected early at Black Island, weakening later in the day. Trace to Light Rime Icing is expected at most locations today due to heavily layered cloudiness throughout the region.

## LATEST MCMURDO OBSERVATION

METAR NZCM 011555Z AUTO 09010KT 9999 BKN065 OVC075 M07/M10 A2928 RMK AO2 SLP917 T10661098 \$=

## RUNWAY TAFS

TAF COR NZFX 011608Z 0115/0215 (0204/0304NZDT) 16020G30KT 9999 DRSN SCT010 SCT025 BKN040 620404 520008 QNH2927INS GRID33020G30KT

TEMPO 0115/0121 (0204/0210) 3200 -SN BLSN

BECMG 0120/0122 (0209/0211) 08012KT 9999 DRSN SCT025 BKN050 BKN080 QNH2933INS GRID25012KT

TEMPO 0200/0208 (0213/0221) 8000 -SN BKN025 OVC050 620257

BECMG 0209/0211 (0222/0224) 05008KT 6000 -SN BKN025 BKN040 BKN060 620257 QNH2937INS GRID22008KT

TAF NZWD 011608Z 0115/0215 (0204/0304NZDT) 15015KT 9999 DRSN SCT010 SCT025 BKN040 620404 QNH2927INS GRID32015KT

TEMPO 0115/0121 (0204/0210) 6000 -SN BLSN BKN025 BKN050 BKN100 620256

BECMG 0120/0122 (0209/0211) 09012KT 9999 DRSN SCT025 BKN050 BKN060 QNH2932INS GRID26012KT

TEMPO 0200/0208 (0213/0221) BKN025 BKN050 BKN100 620256

BECMG 0209/0211 (0222/0224) 07007KT 9999 -SN BKN015 BKN040 OVC060 620158 QNH2937INS GRID24007KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 02/0600L - 1800L)

**SFC WIND (TRUE):** 29014G20KT, BECMG 27012KT AFT 11L

**SFC VISIBILITY (SM):** UNRES, OCNL -SN DRSN BEFORE 12L

**SKY CONDITION (AGL):** SCT025 BKN040 BKN070, OCNL BKN025

**MIN ALSTG:** 29.23INS

**HAZARDS:** LGT TURBC SFC-070, LGT RIME ICG 025-080

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

**MARBLE POINT**

**SFC WIND (TRUE):** 19008KT, BY 12L VRB05KT  
**SFC VISIBILITY (SM):** 5 –SN, BY 10L UNRES  
**SKY CONDITION (AGL):** BKN020 OVC080, BY 14L SCT020 SCT080  
**MIN ALSTG:** 29.27INS  
**HAZARDS:** LGT RIME ICG 020-040 TIL 14L

**F6**

**SFC WIND (TRUE):** VRB03KT, BY 12L 06006KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN015 BKN080, BY 11L SCT015 SCT080  
**MIN ALSTG:** 29.29INS  
**HAZARDS:** LGT RIME ICG 015-040, BY 10L NIL

**MT NEWALL**

**SFC WIND (TRUE):** 25008KT, BY 13L VRB03KT  
**SFC VISIBILITY (SM):** UNRES, BY 13L 0 FG  
**SKY CONDITION (AGL):** BKN050, BY 13L VV000  
**MIN ALSTG:** 28.90INS  
**HAZARDS:** LGT RIME ICG SFC-040 AFT 13L

**BULL PASS**

**SFC WIND (TRUE):** 10009KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** SCT100  
**MIN ALSTG:** 29.17INS  
**HAZARDS:** NIL

**GARWOOD VALLEY SOILS**

**SFC WIND (TRUE):** 07005KT, BY 14L 27005KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** SCT015 BKN080  
**MIN ALSTG:** 29.09INS  
**HAZARDS:** LGT TURBC SFC-030

**WORMHEARDER ALMS**

**SFC WIND (TRUE):** 09008KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN100  
**MIN ALSTG:** 29.18INS  
**HAZARDS:** NIL

**BLACK ISLAND**

**SFC WIND (TRUE):** 21040G55KT, BY 14L 20015G25KT

**SFC VISIBILITY (SM):** UNRES VCBSN, BY 14L 2 –SN BLSN

**SKY CONDITION (AGL):** SCT015 BKN030, BY 14L OVC010

**MIN ALSTG:** 29.23INS

**HAZARDS:** MDT OCNL SVR TURBC SFC -050, BY 14L LGT OCNL MDT TURBC SFC-050

**CP CROZIER/RIS**

**SFC WIND (TRUE):** 20020G30KT, BY 14L 20015G25

**SFC VISIBILITY (SM):** 1/2 SN BLSN, BY 12L 1 BLSN, BY 14L 9999 DRSN

**SKY CONDITION (AGL):** OVC010, BY 12L SCT010 BKN040

**MIN ALSTG:** 29.26INS

**HAZARDS:** MDT TURBC SFC-080, LGT RIME ICG 010-080

**LK BONNEY**

**SFC WIND (TRUE):** VRB03KT, BY 11L 05009KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT100

**MIN ALSTG:** 29.22INS

**HAZARDS:** NIL

**PEAK 1882**

**SFC WIND (TRUE):** 27015KT, BY 12L 26005KT

**SFC VISIBILITY (SM):** UNRES, BY 13L 0 FG

**SKY CONDITION (AGL):** BKN070, BY 13L VV000

**MIN ALSTG:** 28.88INS

**HAZARDS:** TRACE ICG SFC-020 AFT 13L

**LK HOARE**

**SFC WIND (TRUE):** 08006KT

**SFC VISIBILITY (SM):** UNRES VCFG

**SKY CONDITION (AGL):** SCT V BKN010

**MIN ALSTG:** 29.23INS

**HAZARDS:** TRACE ICG 010-030

**SCOTT BASE**

**SFC WIND (TRUE):** 12012G18KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT010 SCT025 BKN040, OCNL BKN025 BKN040

**MIN ALSTG:** 29.22INS

**HAZARDS:** LGT-MDT TURBC SFC-030, LGT RIME ICG 040-060

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

**CP BIRD**

**SFC WIND (TRUE):** VRB05KT

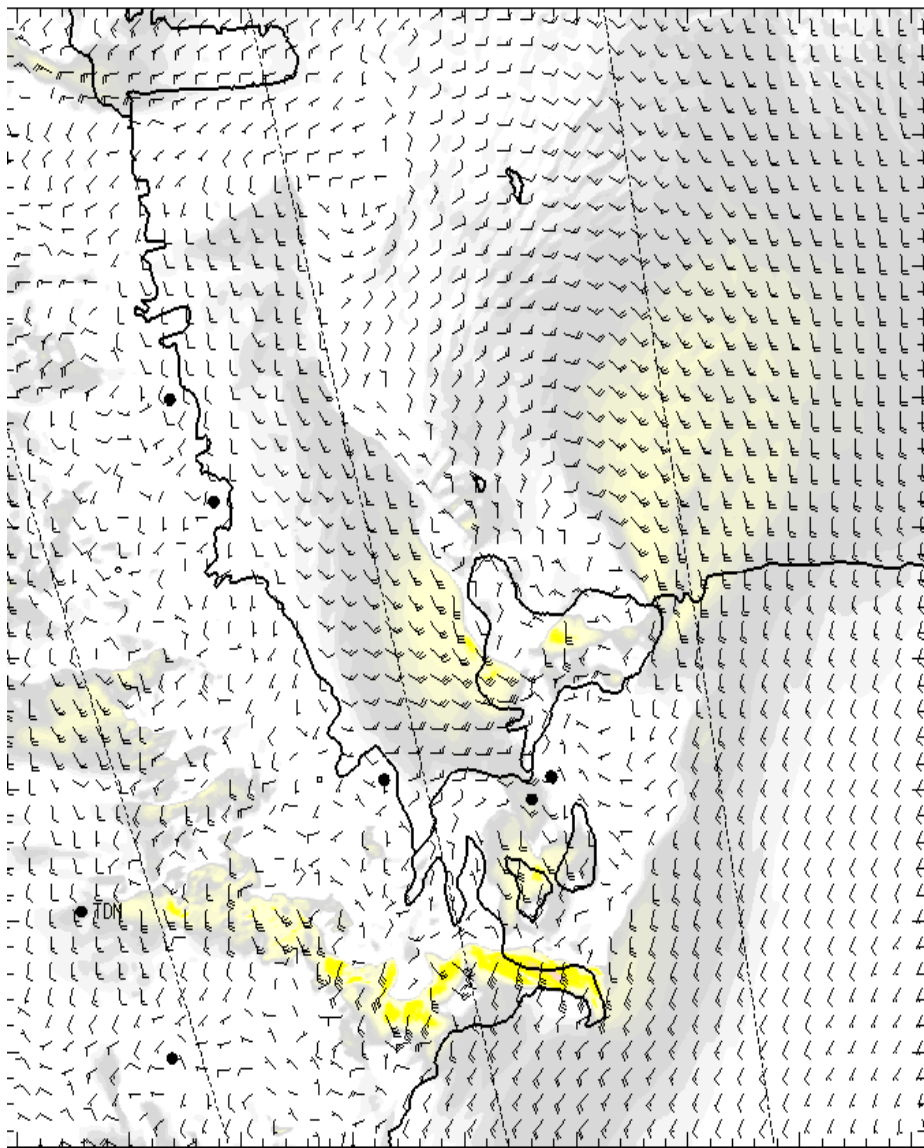
**SFC VISIBILITY (SM):** ½ SN FZFG

**SKY CONDITION (AGL):** VV002

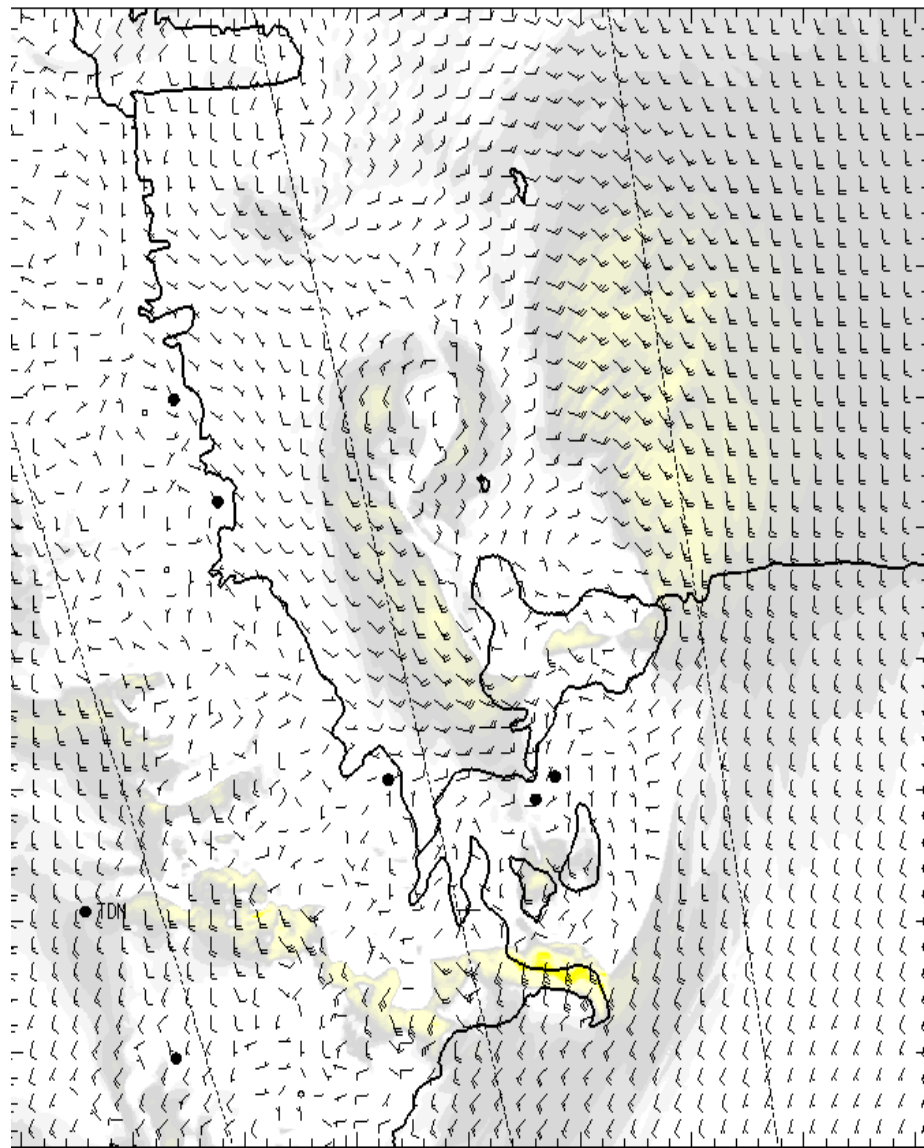
**MIN ALSTG:** 29.31INS

**HAZARDS:** MOD RIME ICG 002-070

# SFC

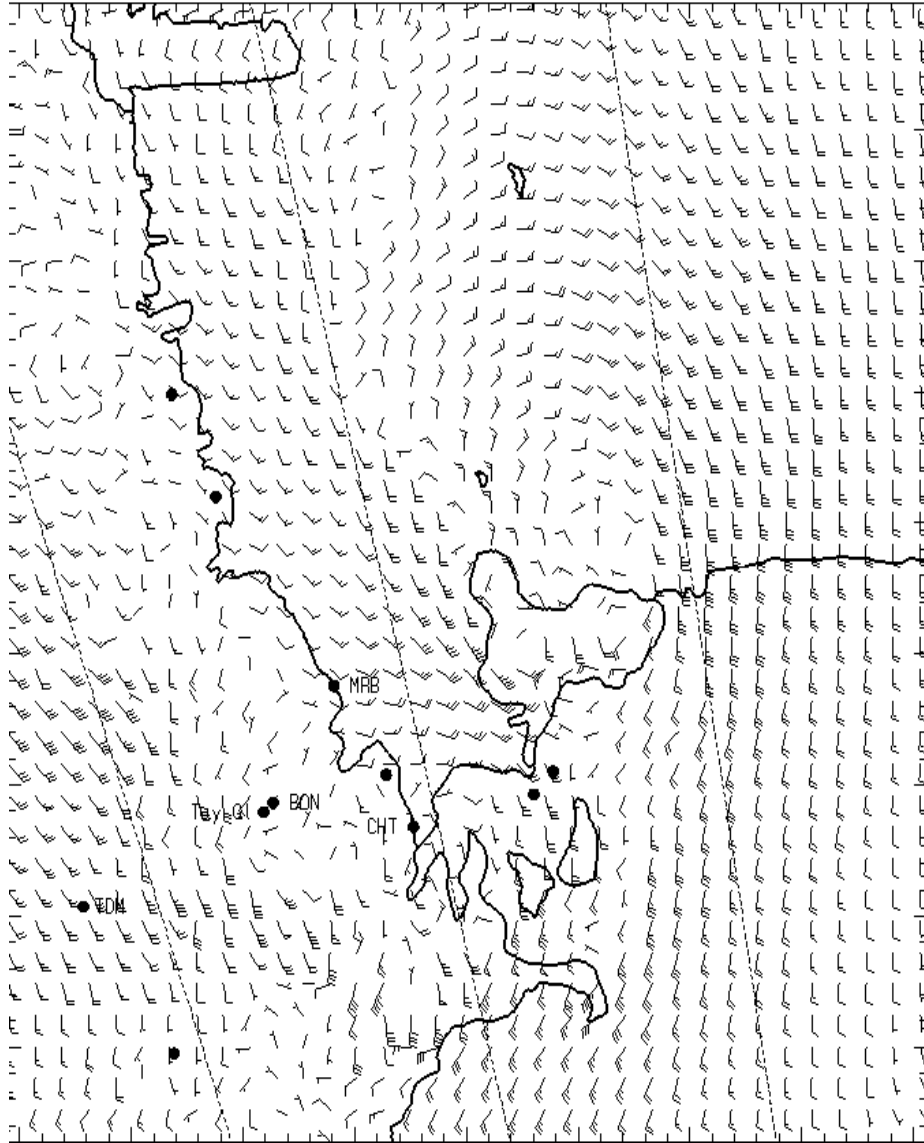


0700L

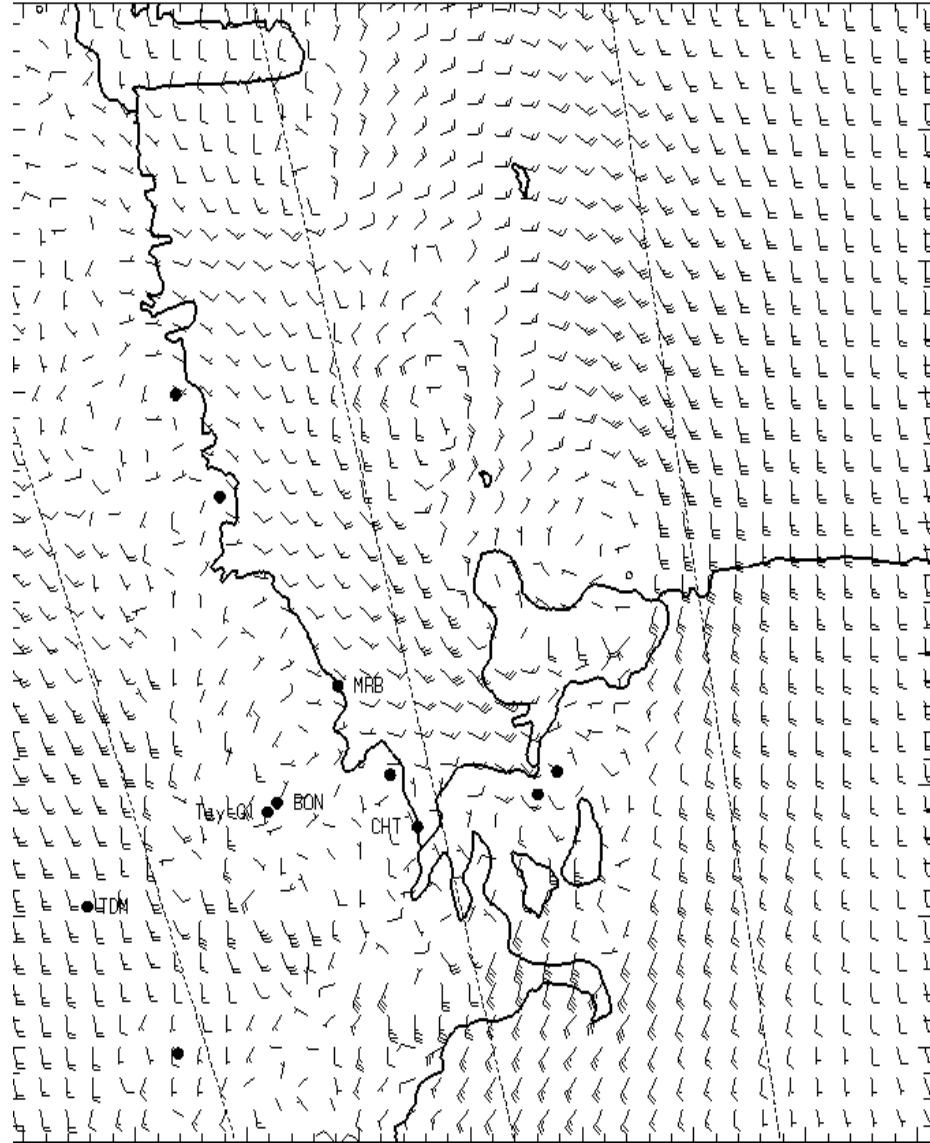


1300L

# 1,000 ft AGL

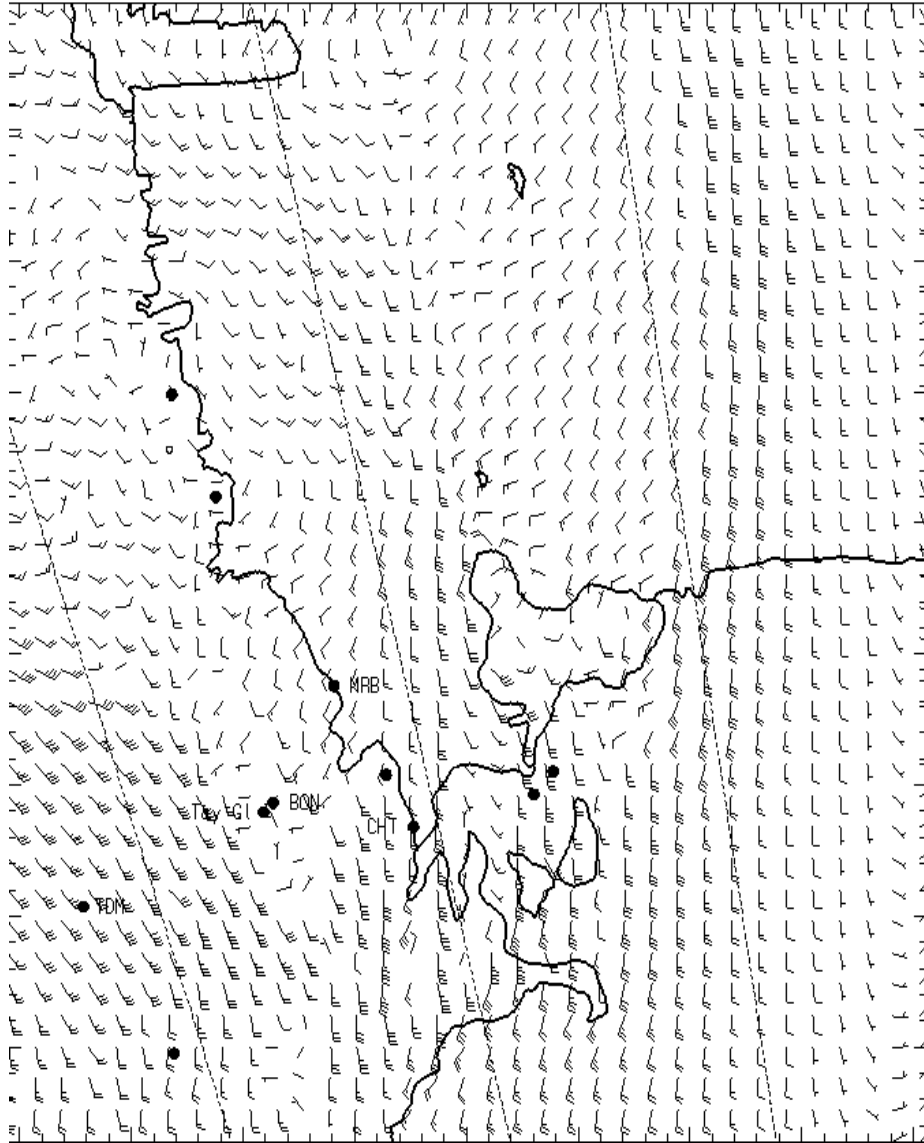


0700L

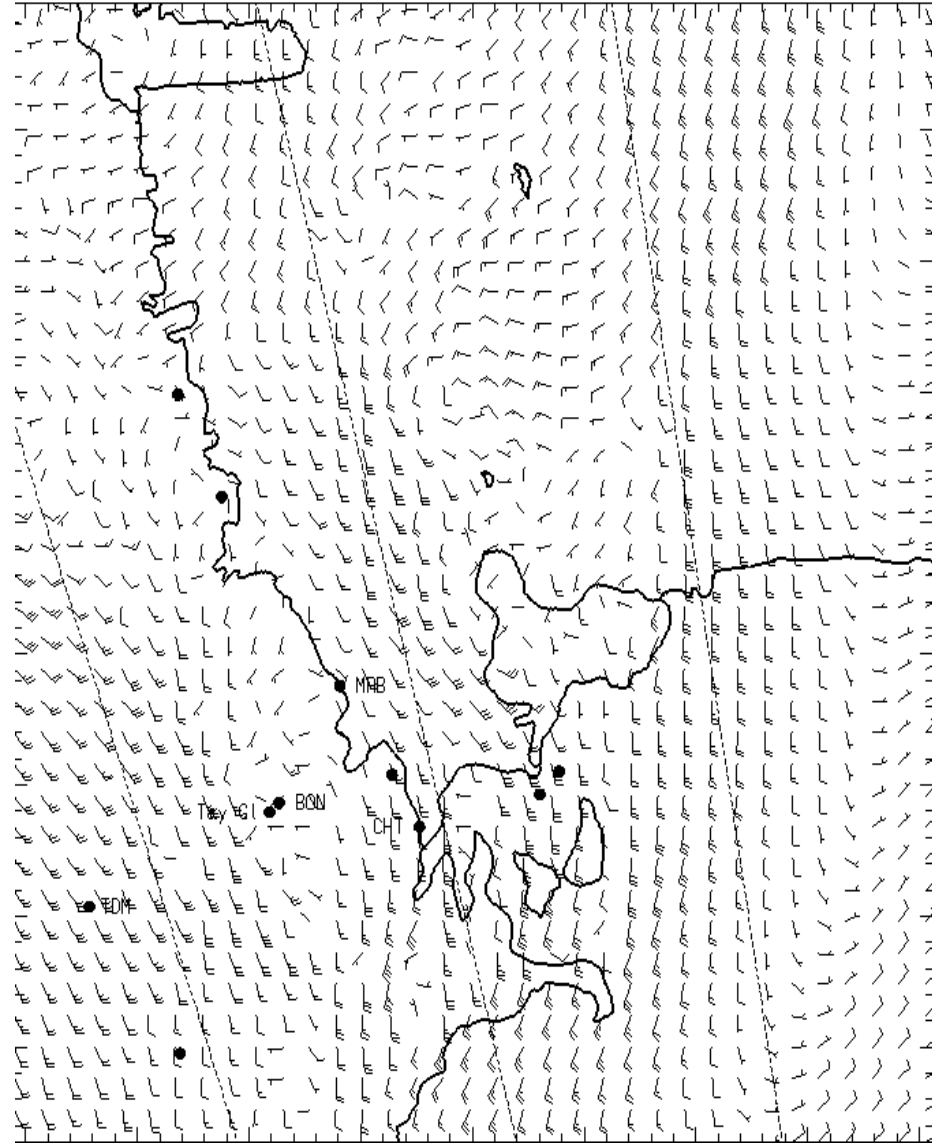


1300L

# 3,000 ft AGL

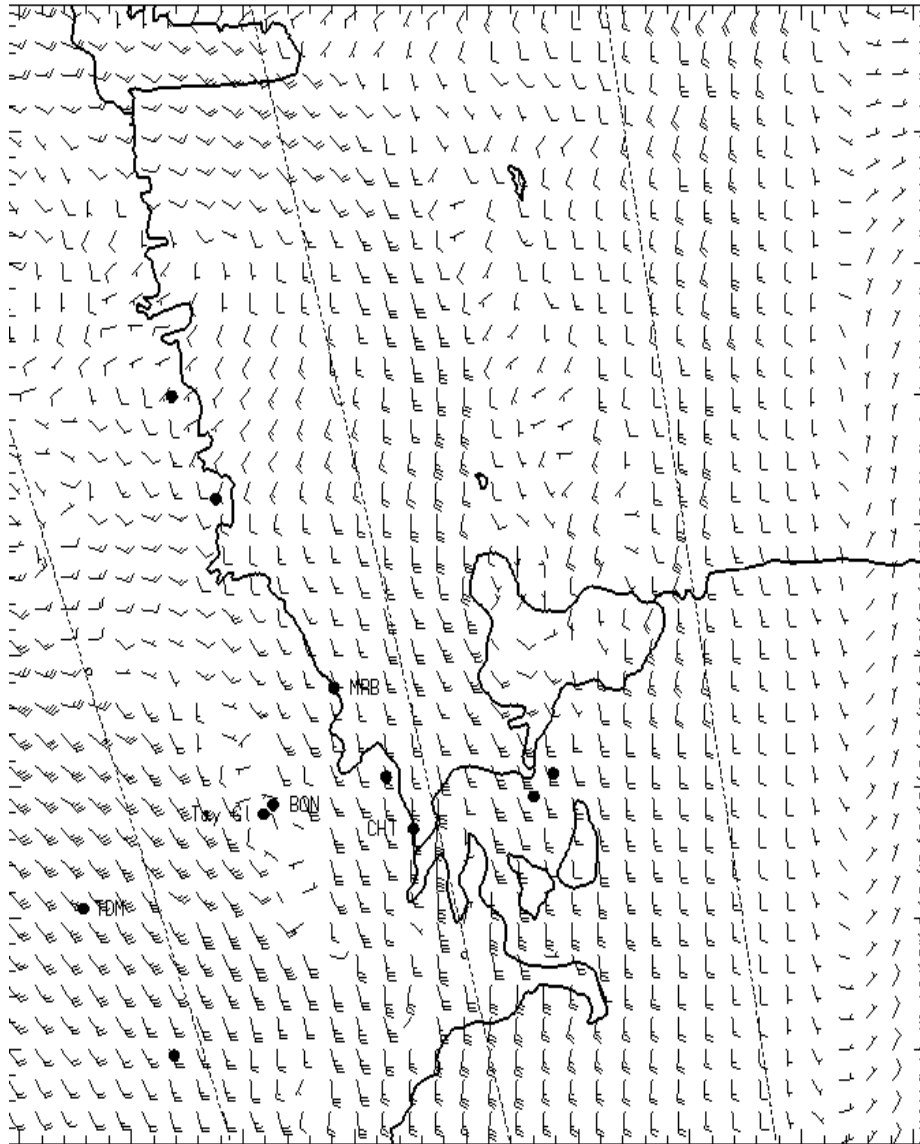


0700L

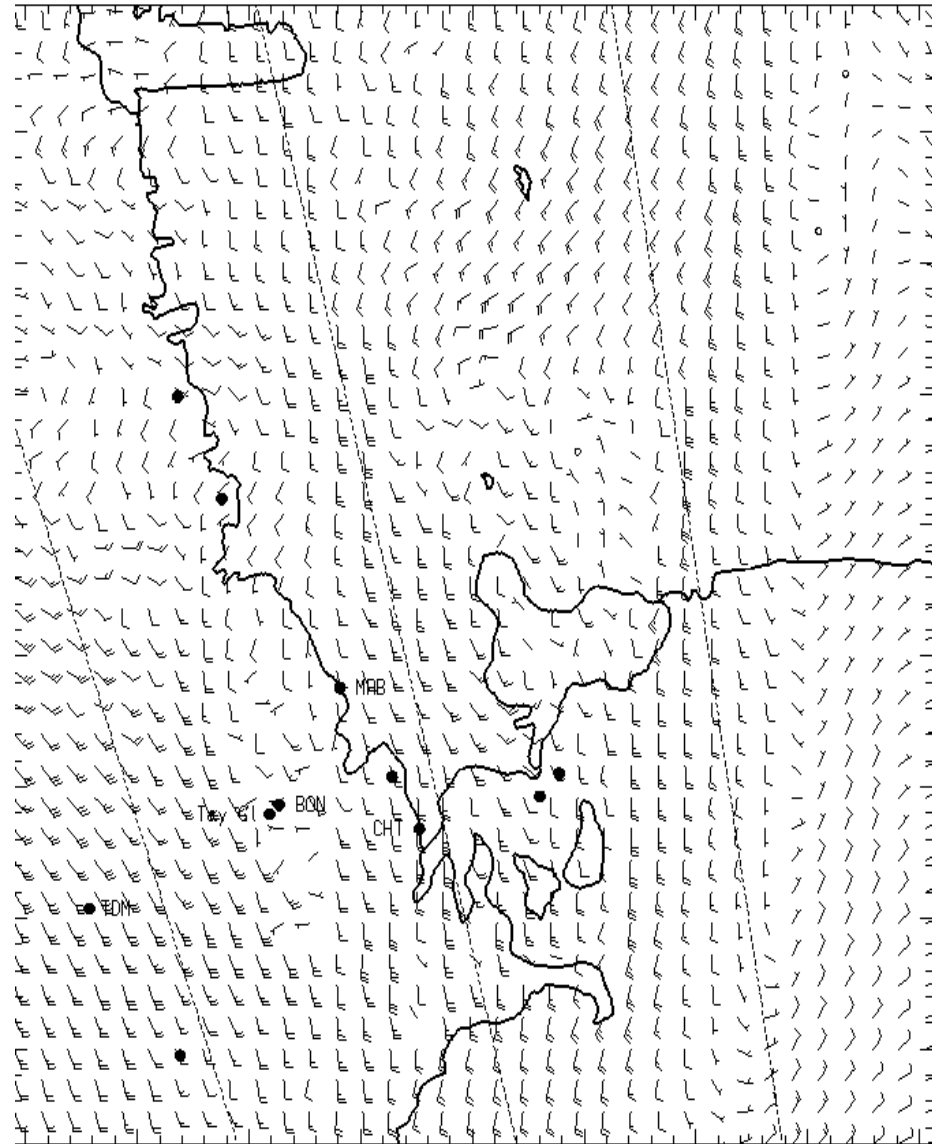


1300L

# 5,000 ft AGL



0700L



1300L