



Helo Weather

Charleston ROF

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Date (L): Fri 24 December 2021

Brief Time (L): 0600

Briefing Number: 12-021

FCSTR: Paul Gulli

REGIONAL SUMMARY

Stratus and fog continue to blanket the area, having expanded into a layer that covers almost the entire Ross Ice Shelf. The conditions are expected to continue through about midday, when a developing trough to the east will help to break up the low layer. While model data suggest that the afternoon increase in strength of wind flow around Minna Bluff and White Island will erode the cloud layer and keep the edge of it to the east, there is a degree of uncertainty to whether or not it'll be strong enough to prevent such a large blanket of cloud on the RIS from moving into the McMurdo Ice Shelf/Hut Point Peninsula area. It would be advisable to check in with NPP forecasters for updated satellite, observations and a glance at area webcams to check progress today.

HAZARDS

Trace to Light Rime Icing is expected within the low stratus layer. Winds are expected to be strong enough across the peak of Erebus for have occasional moderate turbulence, the expected uptick in wind flow across the area today (see specific site forecasts) could produce a shallow layer of light turbulence.

LATEST MCMURDO OBSERVATION

METAR NZCM 231555Z AUTO 35009KT 9999 OVC140 M03/M05 A2877 RMK AO2 SLP744 T10311052 \$=

RUNWAY TAFS

TAF NZFX 231458Z 2315/2415 (2404/2504NZDT) 32010KT 9999 SCT015 BKN140 QNH2875INS GRID13010KT
TEMPO 2318/2323 (2407/2412) 9999 VCFG BKN015
BECMG 2321/2323 (2410/2412) VRB06KT 9999 SCT015 BKN120 QNH2887INS

TAF NZWD 231458Z 2315/2415 (2404/2504NZDT) 35006KT 9999 SCT015 BKN130 QNH2876INS GRID16006KT
TEMPO 2318/2323 (2407/2412) 9999 VCFG BKN015
BECMG 2321/2323 (2410/2412) VRB06KT 9999 SCT015 BKN120 QNH2888INS

MCMURDO HELIPAD FORECAST (VALID TIME: 24/0600L - 1800L)

SFC WIND (TRUE): 34009KT, BECMG 12013KT AFT 13L

SFC VISIBILITY (SM): UNRES VCFG

SKY CONDITION (AGL): BKN010 BKN100, BECMG SCT015 BKN100 AFT 13L

MIN ALSTG: 28.77INS

HAZARDS: TRACE ICG 010-020, BECMG NIL ICG AFT 13L; LGT TURBC SFC-030 AFT 13L

SITE & AREA FORECASTS (VALID TIME: 24/0600L - 1800L)

LK HOARE

SFC WIND (TRUE): 09009KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT010 SCT050 BKN100

MIN ALSTG: 28.80INS

HAZARDS: NIL

CANADA GL

SFC WIND (TRUE): 06006KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT010 SCT050 BKN100

MIN ALSTG: 28.75INS

HAZARDS: NIL

F6

SFC WIND (TRUE): 07007KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT010 SCT050 BKN100

MIN ALSTG: 28.82INS

HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES VCFG, OCNL ½ FZFG

SKY CONDITION (AGL): BKN010 BKN080

MIN ALSTG: 28.80INS

HAZARDS: TRACE ICG 010-020; LGT TURBC 020-080 AFT 12L

COMMONWEALTH GL

SFC WIND (TRUE): 08008KT

SFC VISIBILITY (SM): UNRES VCFG

SKY CONDITION (AGL): SCT010 BKN080

MIN ALSTG: 28.77INS

HAZARDS: LGT TURBC 020-070 AFT 12L

HOWARD GL

SFC WIND (TRUE): 03007KT

SFC VISIBILITY (SM): UNRES VCFG

SKY CONDITION (AGL): SCT010 BKN060 BKN100

MIN ALSTG: 28.69INS

HAZARDS: LGT RIME ICG 060-110

LAWSON SG

SFC WIND (TRUE): 09005KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT050 BKN100

MIN ALSTG: 28.74INS

HAZARDS: NIL

BOHNER SG

SFC WIND (TRUE): 05008KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT050 BKN100

MIN ALSTG: 28.72INS

HAZARDS: NIL

LK FRYXELL

SFC WIND (TRUE): 08007KT

SFC VISIBILITY (SM): UNRES VCFG

SKY CONDITION (AGL): SCT010 BKN080

MIN ALSTG: 28.80INS

HAZARDS: LGT TURBC 020-080 AFT 12L

CONEZ

SFC WIND (TRUE): 16015KT

SFC VISIBILITY (SM): ¼ SN BLSN

SKY CONDITION (AGL): VV002

MIN ALSTG: 28.10INS

HAZARDS: OCNL MOD TURBC SFC-050

SCOTT BASE

SFC WIND (TRUE): 09007KT

SFC VISIBILITY (SM): UNRES VCFG, TEMPO 06-14L ½ FZFG

SKY CONDITION (AGL): BKN010 BKN050 OVC100

MIN ALSTG: 28.77INS

HAZARDS: TRACE ICG 010-030 TIL 14L, LGT TURBC 010-040 AFT 13L

CP ROYDS

SFC WIND (TRUE): 10012KT

SFC VISIBILITY (SM): UNRES VCFG, TEMPO 06-13L ½ FZFG

SKY CONDITION (AGL): SCT010 BKN100, TEMPO 06-13L BKN010 OVC100

MIN ALSTG: 28.78INS

HAZARDS: LGT RIME ICG 010-030 TIL 13L; LGT TURBC SFC-080 AFT 12L

CP BIRD

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): ¼ SN FZFG

SKY CONDITION (AGL): OVC008

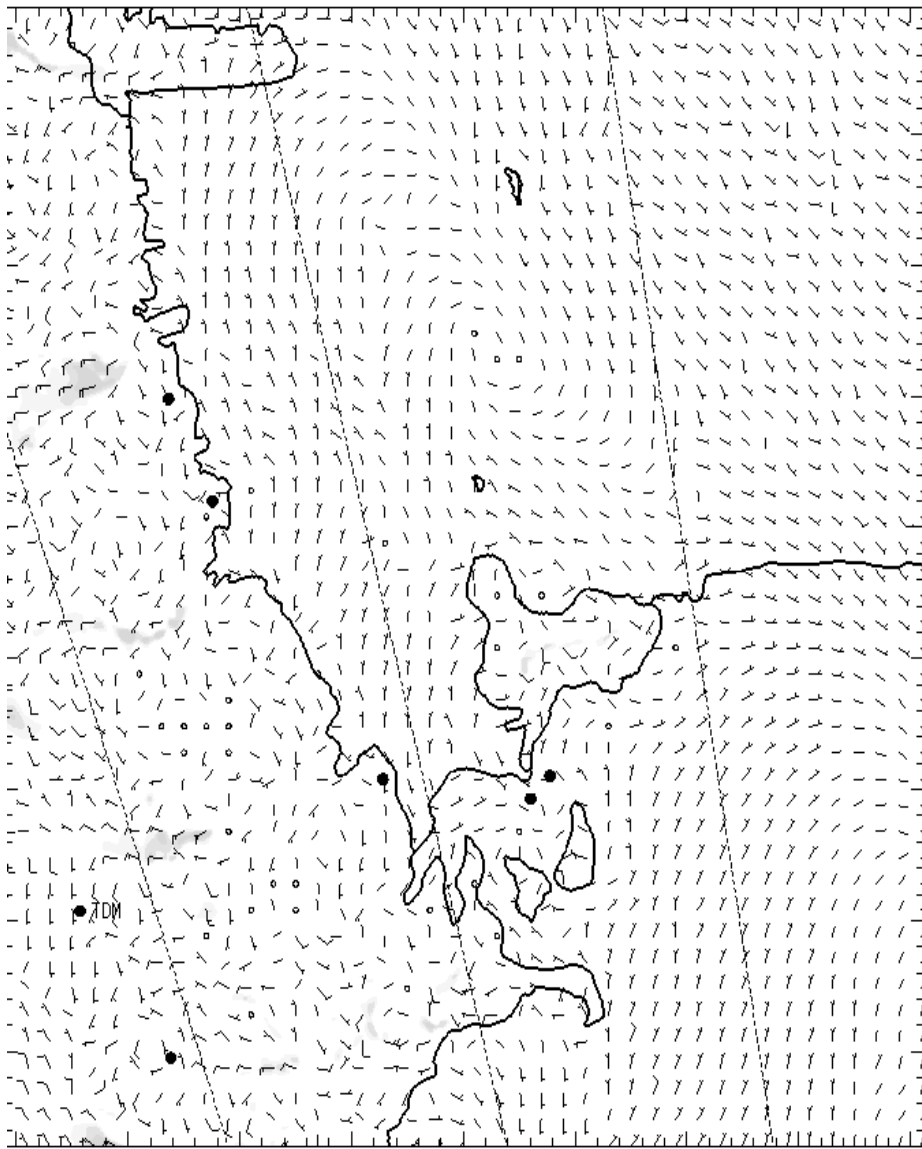
MIN ALSTG: 28.78INS

HAZARDS: LGT RIME ICG 008-020

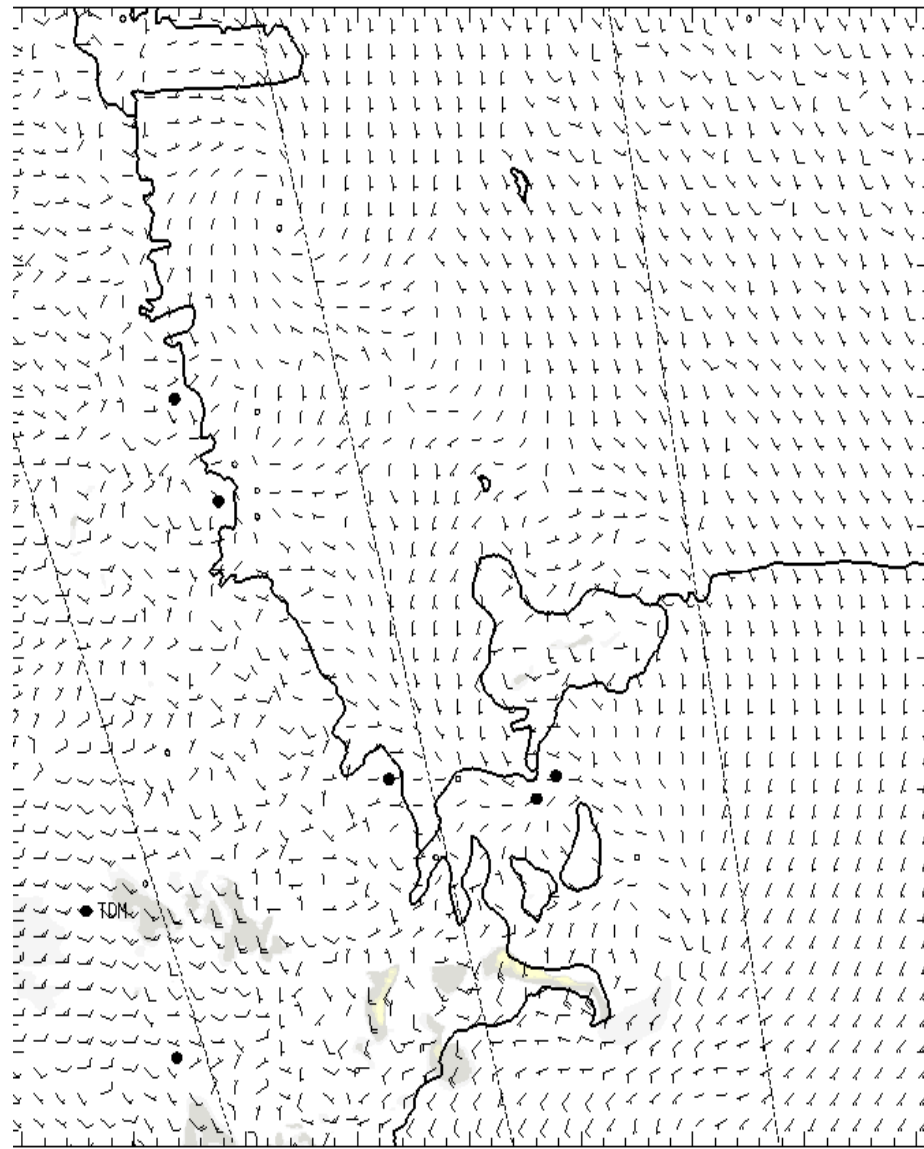
NIGHT AREA OUTLOOKS (VALID TIME: 24/1800L - 25/0600L):

N/A

SFC

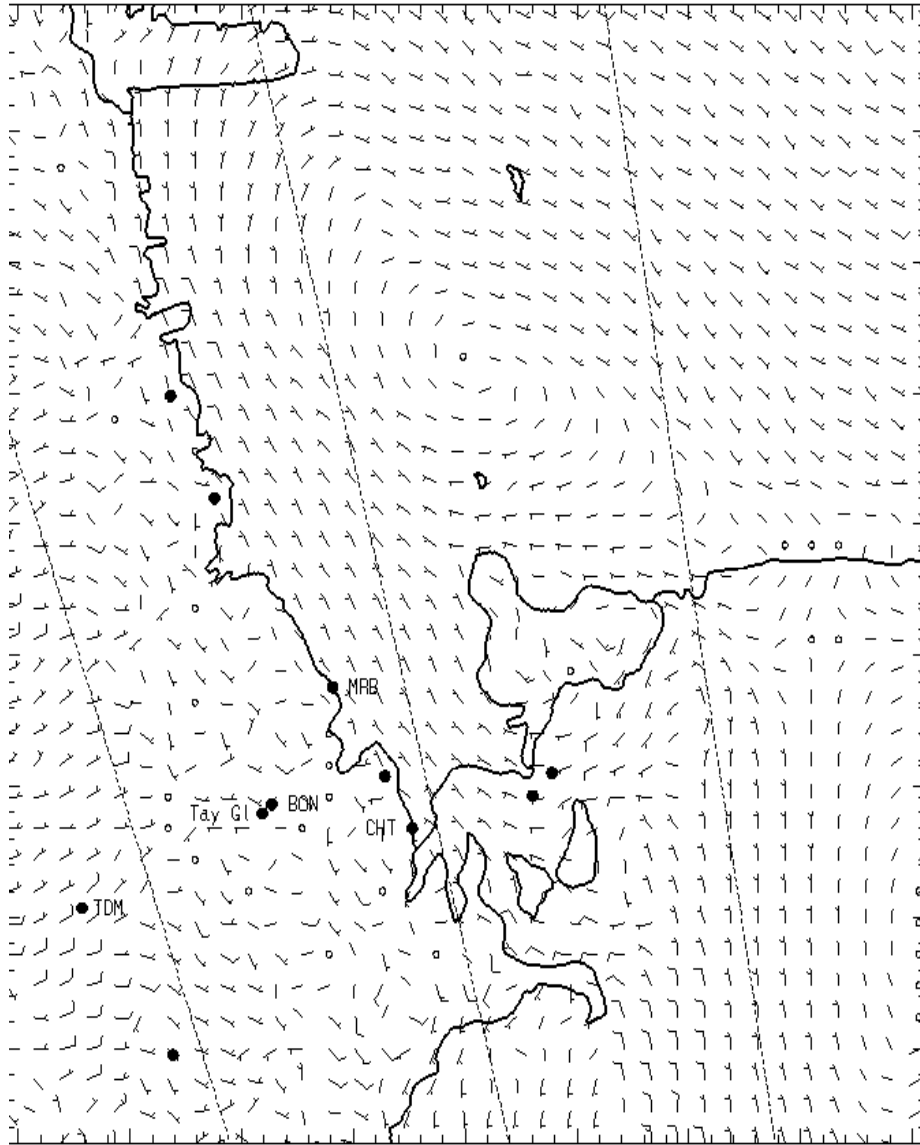


0700L

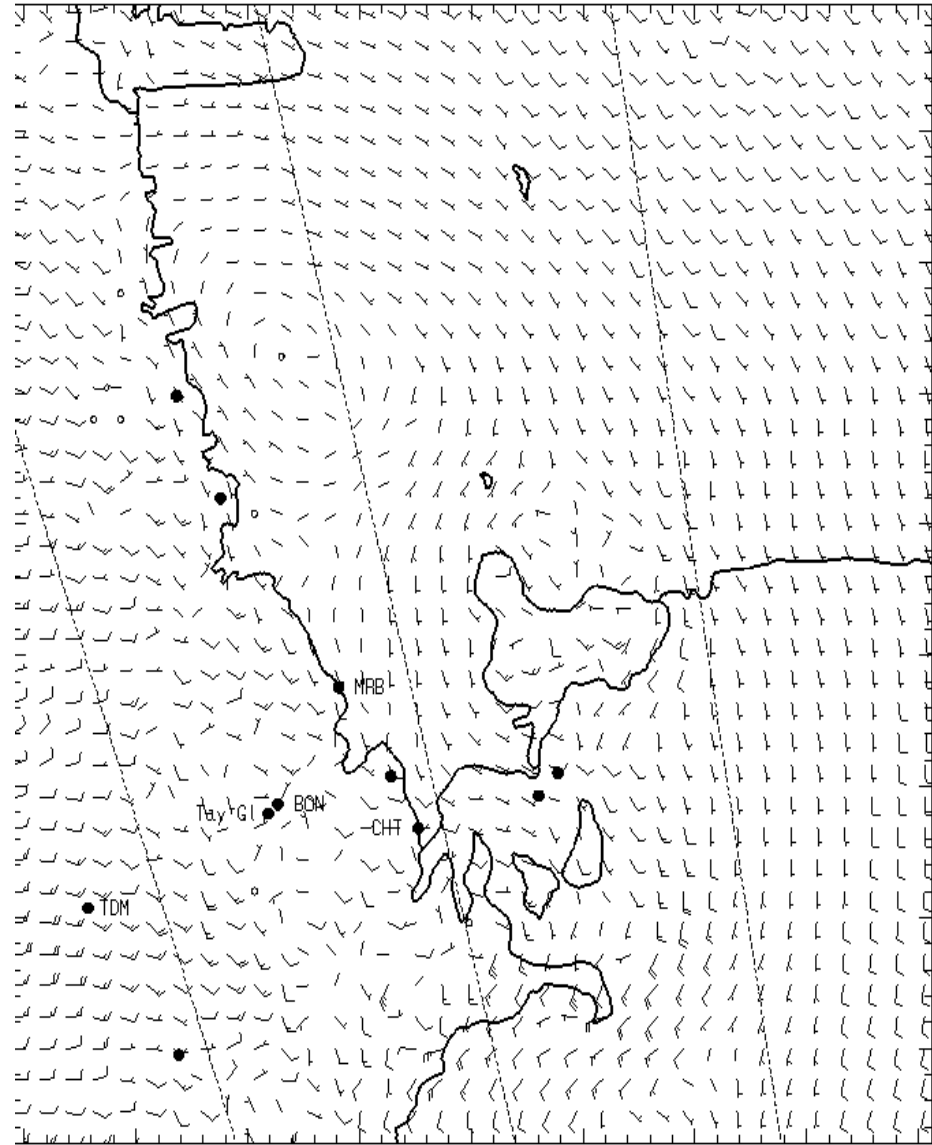


1300L

1,000 ft AGL

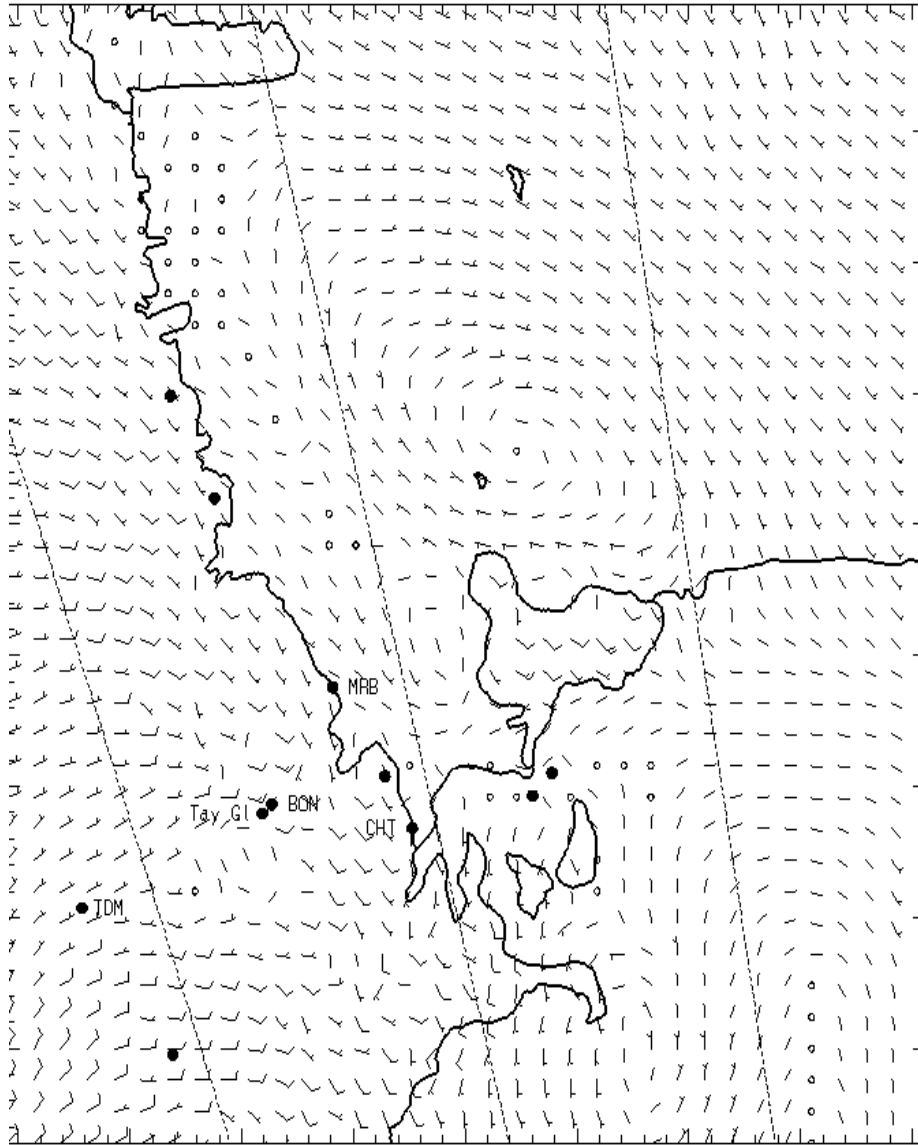


0700L

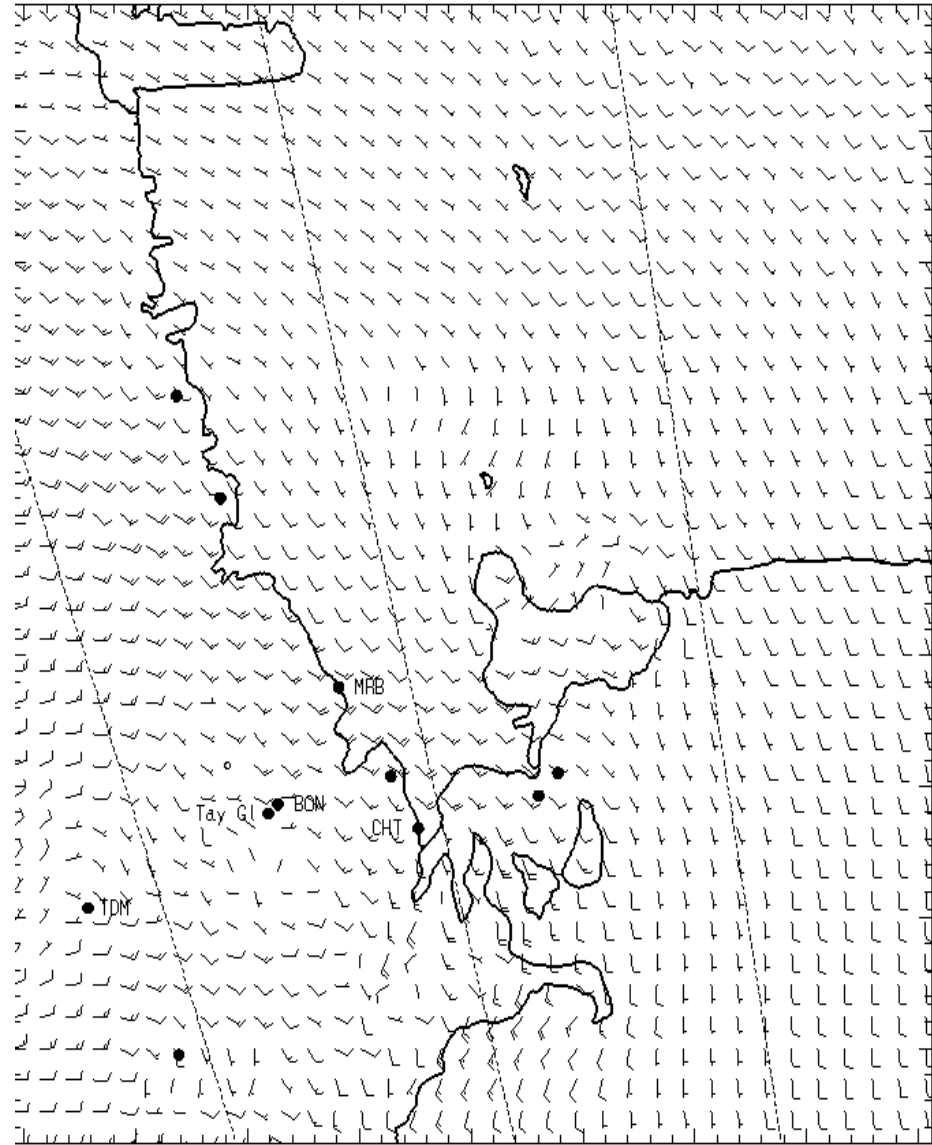


1300L

3,000 ft AGL

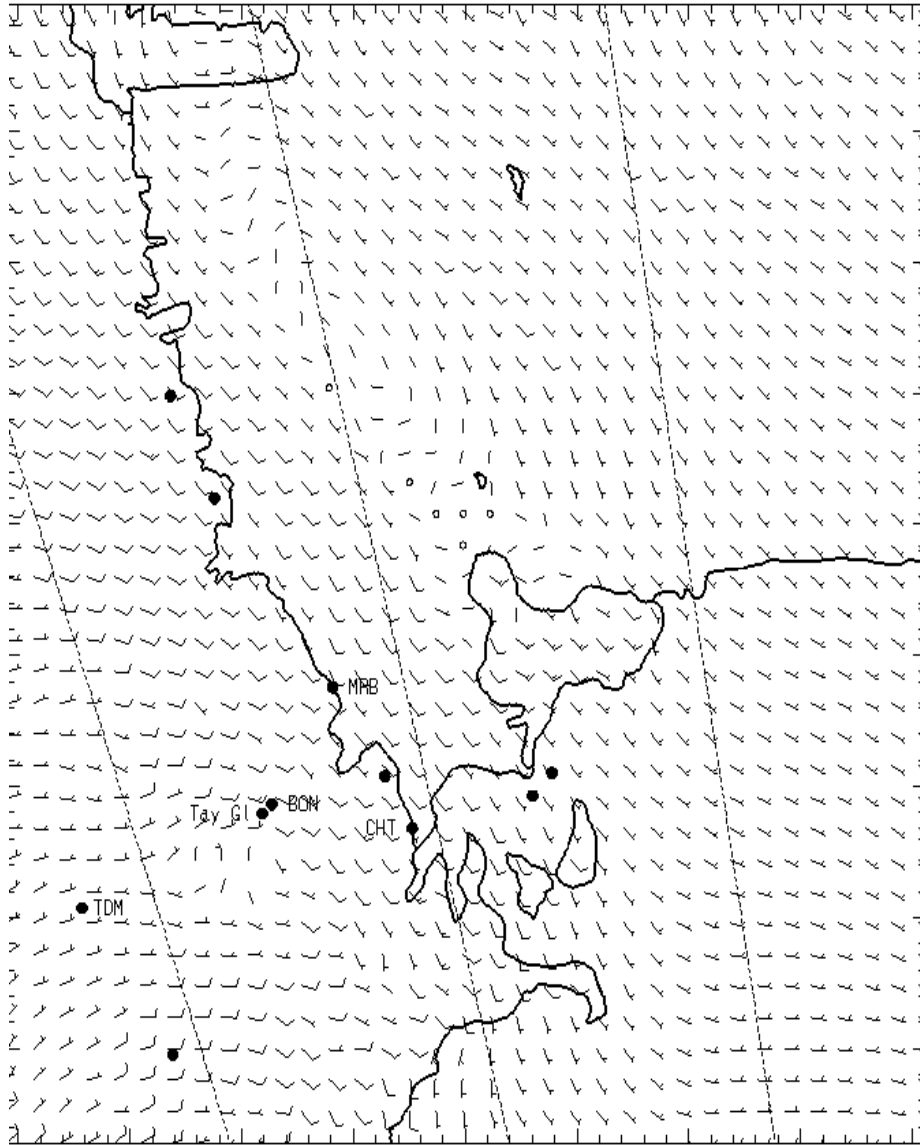


0700L

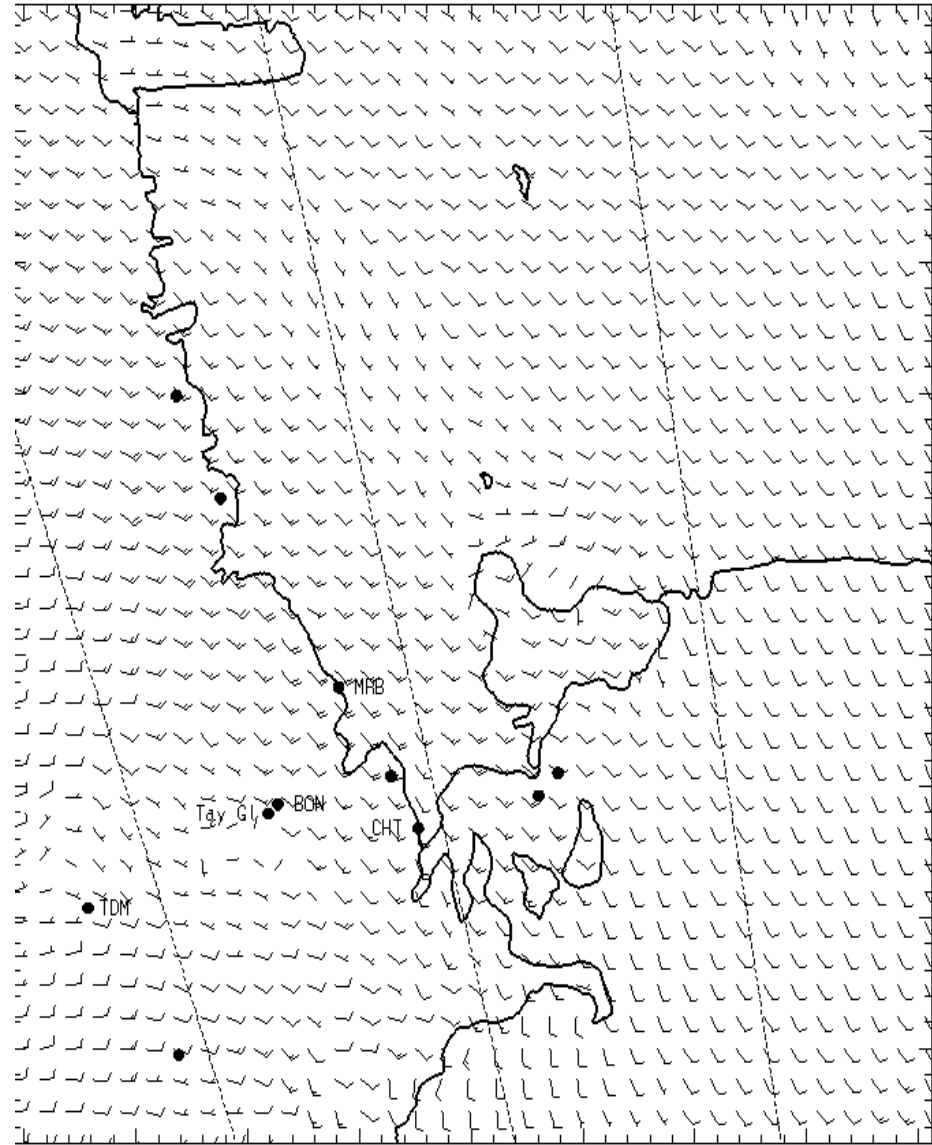


1300L

5,000 ft AGL



0700L



1300L