



Helo Weather

Charleston ROF
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Date (L): Tuesday 05 December 2023

Brief Time (L): 0615

Briefing Number: 12-005

FCSTR: Bob Michael

REGIONAL SUMMARY

Fair weather returns as yesterday's storm exits to the north. Gusty (to around 25 knots) off-continent flow down the dry valleys should diminish to light & variable this afternoon.

HAZARDS

A few lingering areas of light turbulence where stronger winds interact with local geography noted below; light rime icing in clouds at higher elevation sites.

LATEST MCMURDO OBSERVATION

METAR NZCM 041655Z AUTO 03007KT 9999 OVC075 M02/M10 A2916 RMK AO2 SLP879 T10161103=

RUNWAY TAFS

TAF AMD NZFX 041201Z 0412/0509 (0501/0522NZDT) 12009KT 9999 FEW030 BKN050 620503 QNH2918INS
GRID29009KT

BECMG 0414/0416 (0503/0505) VRB06KT 9999 FEW010 SCT030 SCT050 QNH2893INS

TAF AMD NZWD 041201Z 0412/0509 (0501/0522NZDT) 04008KT 9999 SCT030 BKN050 620503 QNH2918INS
GRID21008KT

BECMG 0414/0416 (0503/0505) VRB06KT 9999 FEW010 SCT030 SCT050 QNH2893INS

MCMURDO HELIPAD FORECAST (VALID TIME: 05/0600L - 1800L)

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.95INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 05/0600L - 1800L)

LOWER EREBUS HUT

SFC WIND (TRUE): 18015KT BECMG VRB06KT AFT 09L

SFC VISIBILITY (SM): ¼ FZFG

SKY CONDITION (AGL): VV002

MIN ALSTG: 28.32INS

HAZARDS: LGT RIME ICNG SFC-020

LAKE HOARE

SFC WIND (TRUE): 25015G25KT BECMG VRB06KT AFT 14L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT025 BKN045 BKN100

MIN ALSTG: 28.92INS

HAZARDS: OCNL LGT TURBC SFC-020 NIL AFT 14L

MARBLE POINT

SFC WIND (TRUE): 24015KT BECMG VRB06 AFT 11L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.92INS

HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): 20010G15KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT025 BKN045 BKN100

MIN ALSTG: 28.90INS

HAZARDS: NIL

CAPE CROZIER

SFC WIND (TRUE): 21018G30KT BECMG 20009KT AFT 13L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.95INS

HAZARDS: LGT TURBC SFC-020 UNTIL 13L

TAYLOR VALLEY RECCE

SFC WIND (TRUE): 28015G25KT BECMG VRB06KT AFT 14L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.88INS

HAZARDS: OCNL LGT TURBC SFC-020 NIL AFT 14L

WRIGHT VALLEY RECCE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.88INS

HAZARDS: NIL

SOUTH BEACON

SFC WIND (TRUE): 20020G30KT BECMG VRB06KT AFT 11L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT050

MIN ALSTG: 28.62INS

HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.98INS

HAZARDS: OCNL LGT TURBC SFC-020 NIL AFT 14L

LAKE BONNEY

SFC WIND (TRUE): 21015KT BECMG VRB05KT AFT 14L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.92INS

HAZARDS: NIL

SCOTT BASE

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.91INS

HAZARDS: NIL

CAPE BIRD

SFC WIND (TRUE): VRB05KT TEMPO 20015KT 10-14L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.90INS

HAZARDS: NIL

CAPE ROYDS

SFC WIND (TRUE): 19008KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN050 BKN100

MIN ALSTG: 28.92INS

HAZARDS: NIL

MARIO ZUCHELLI STATION (Note: this forecast will be superseded by the NZTB TAF when issued)

SFC WIND (TRUE): 27020KT BECMG 31015KT AFT 15L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW020 BKN080

MIN ALSTG: 28.98INS

HAZARDS: NIL

NIGHT SITE & AREA FORECASTS (VALID TIME: 05/1800L – 06/0600L)

MCMURDO HELIPAD

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 SCT050 SCT100

MIN ALSTG: 28.90INS

HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): VRB05KT

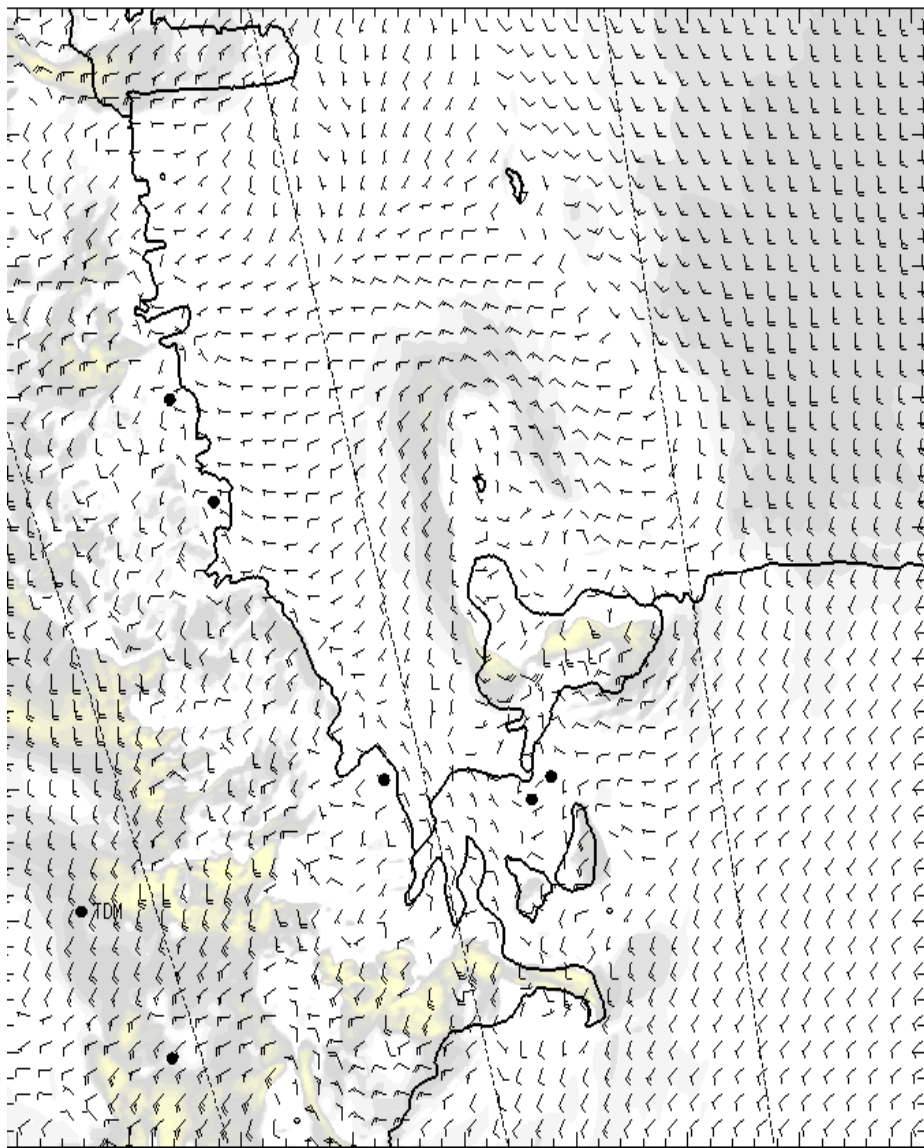
SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 SCT050 SCT100

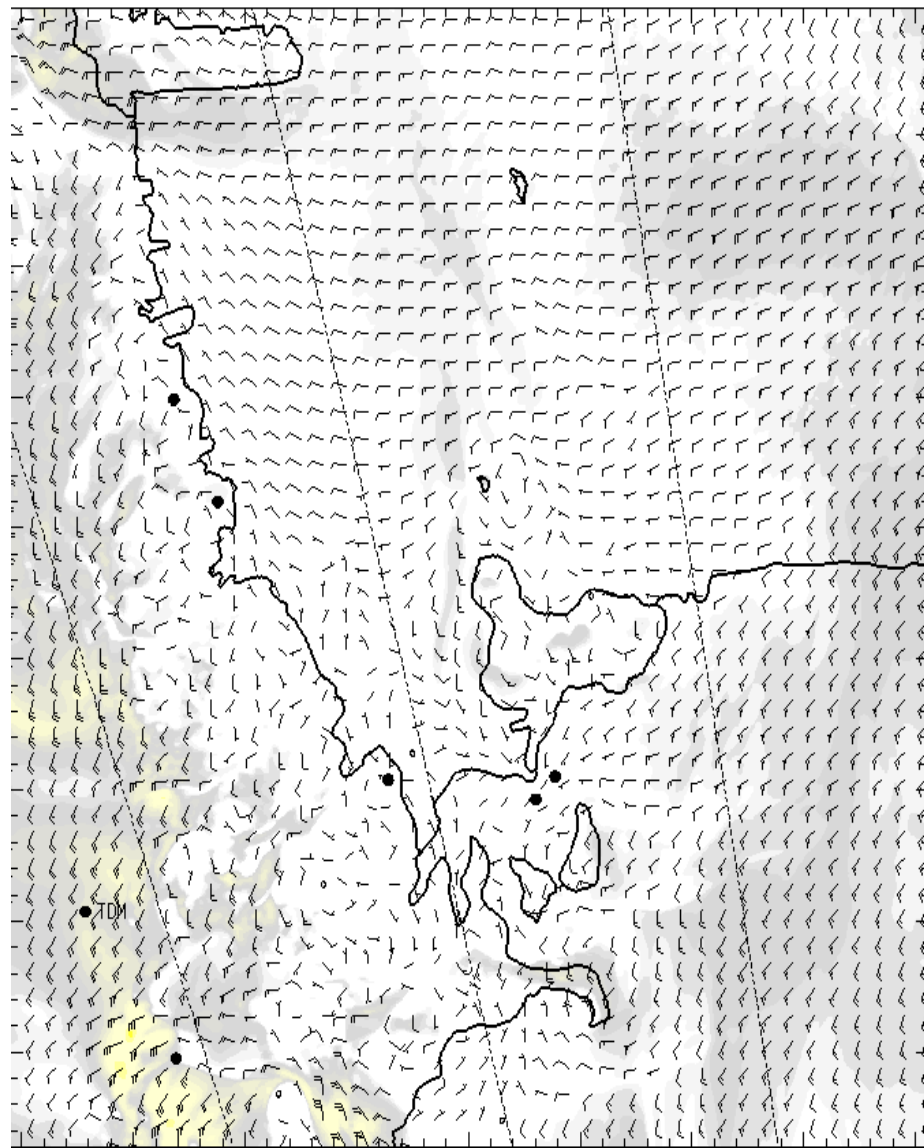
MIN ALSTG: 28.89INS

HAZARDS: NIL

SFC

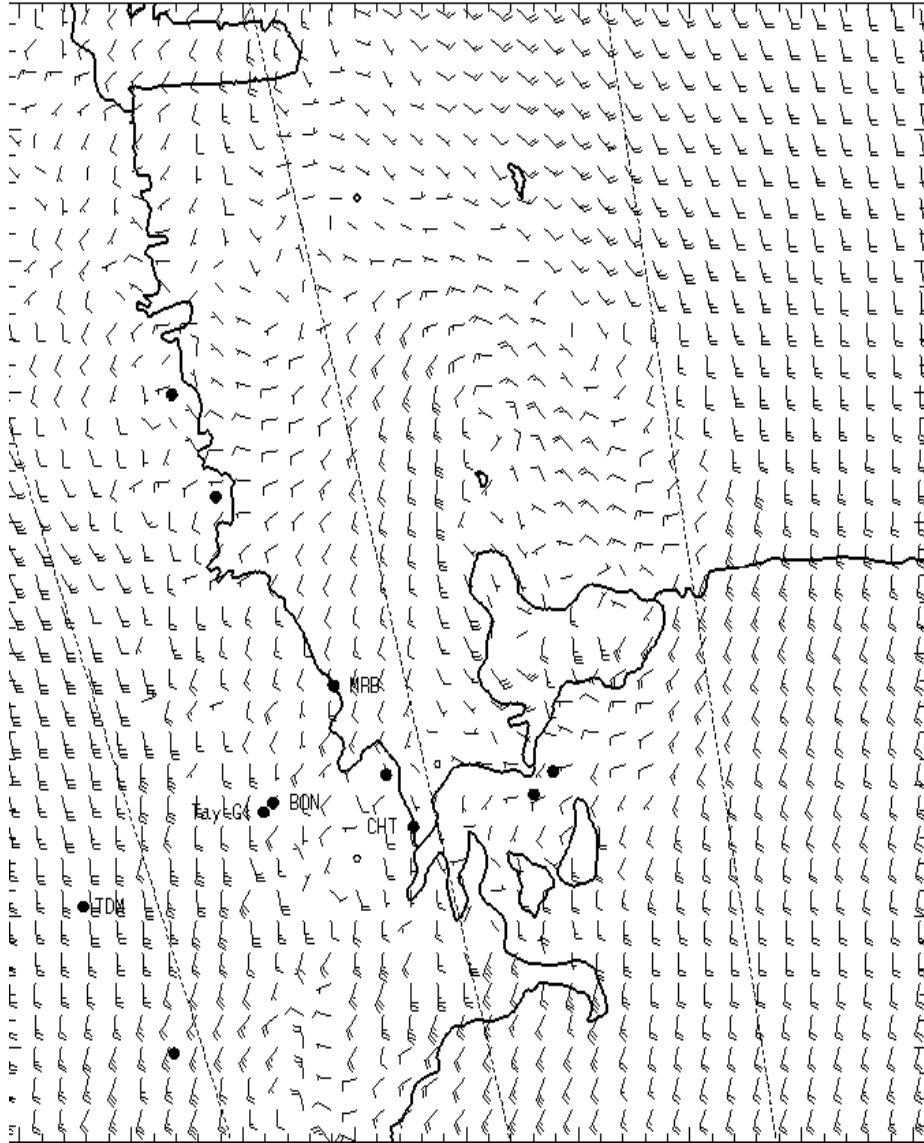


0700L

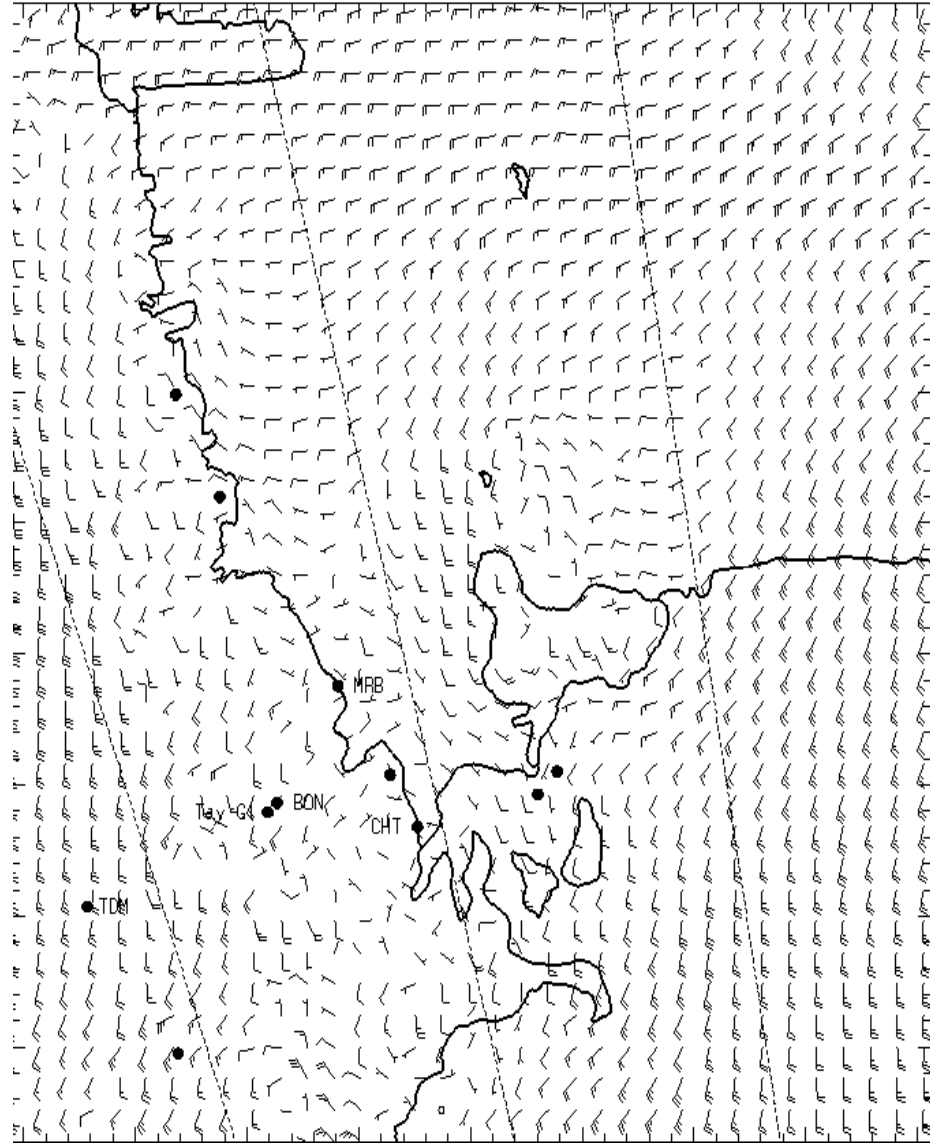


1300L

1,000 ft AGL

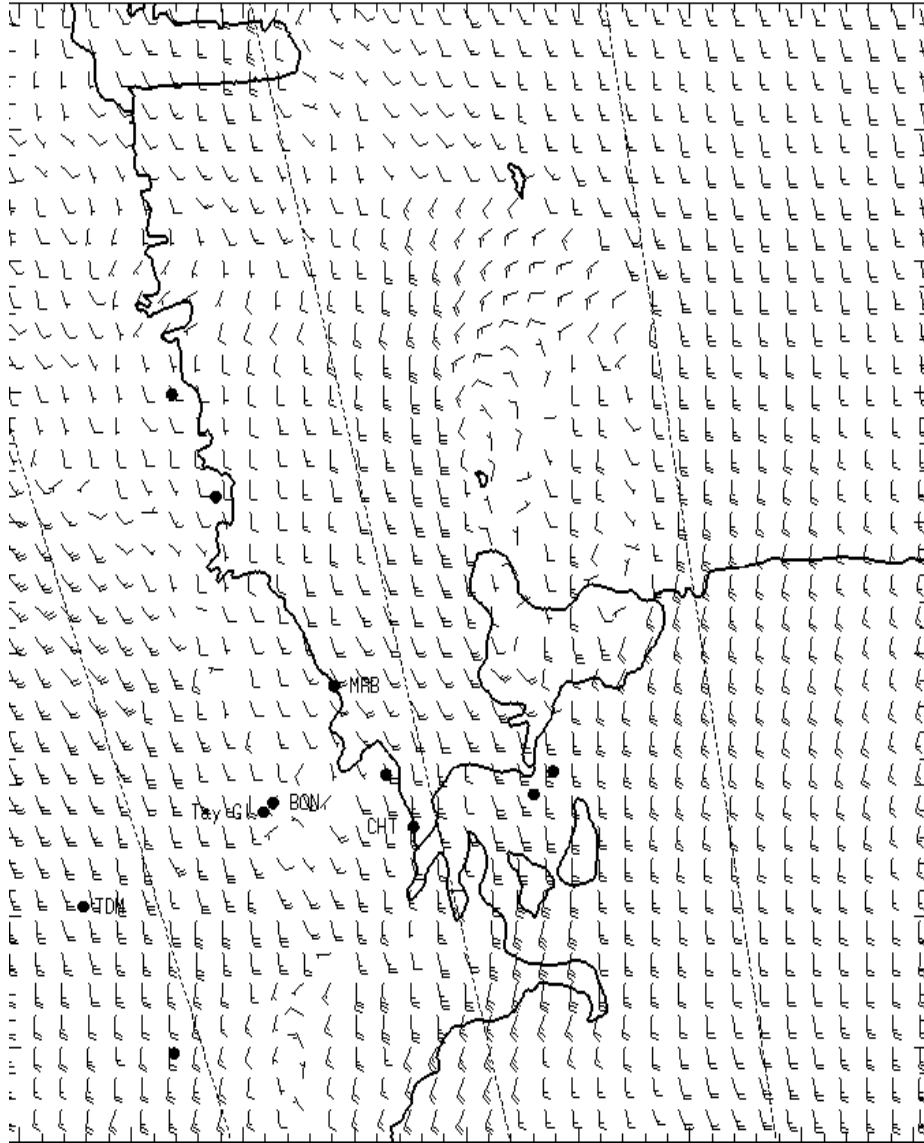


0700L

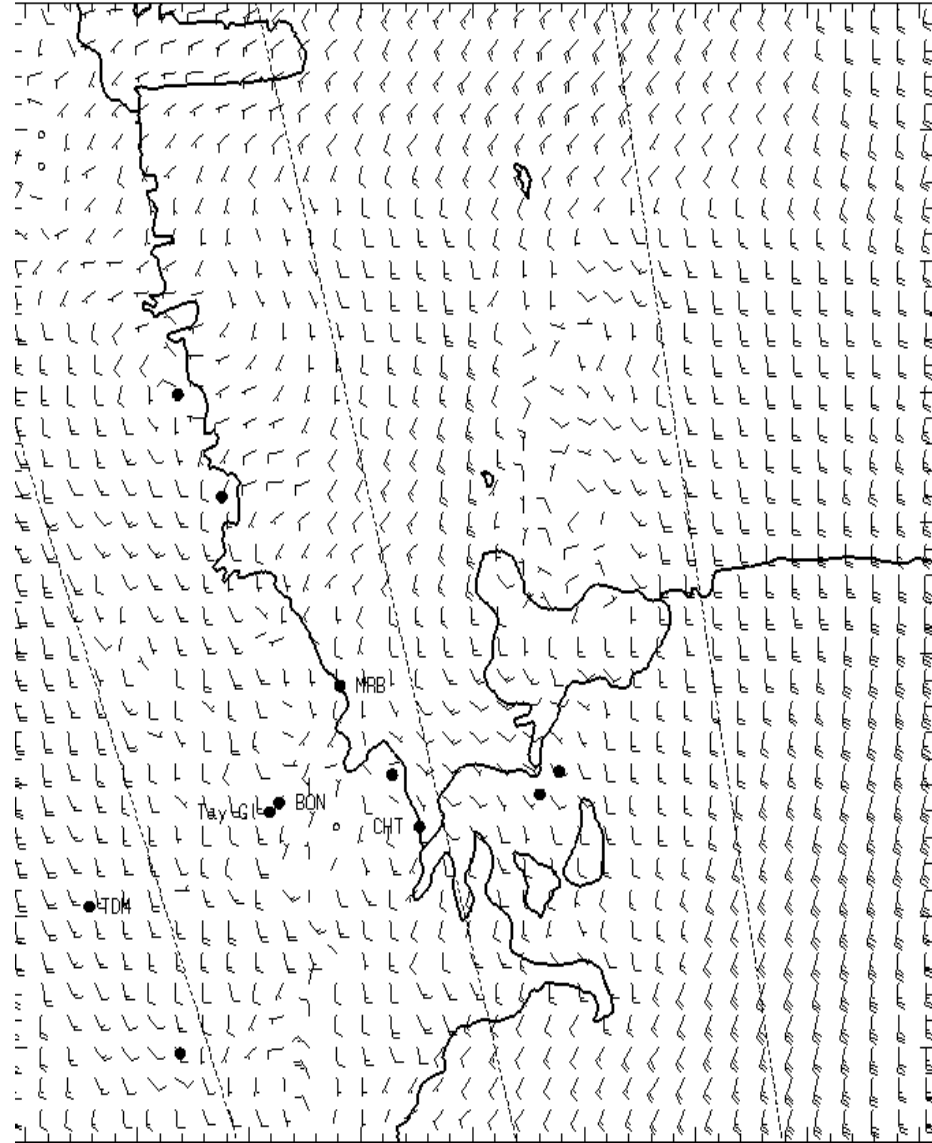


1300L

3,000 ft AGL

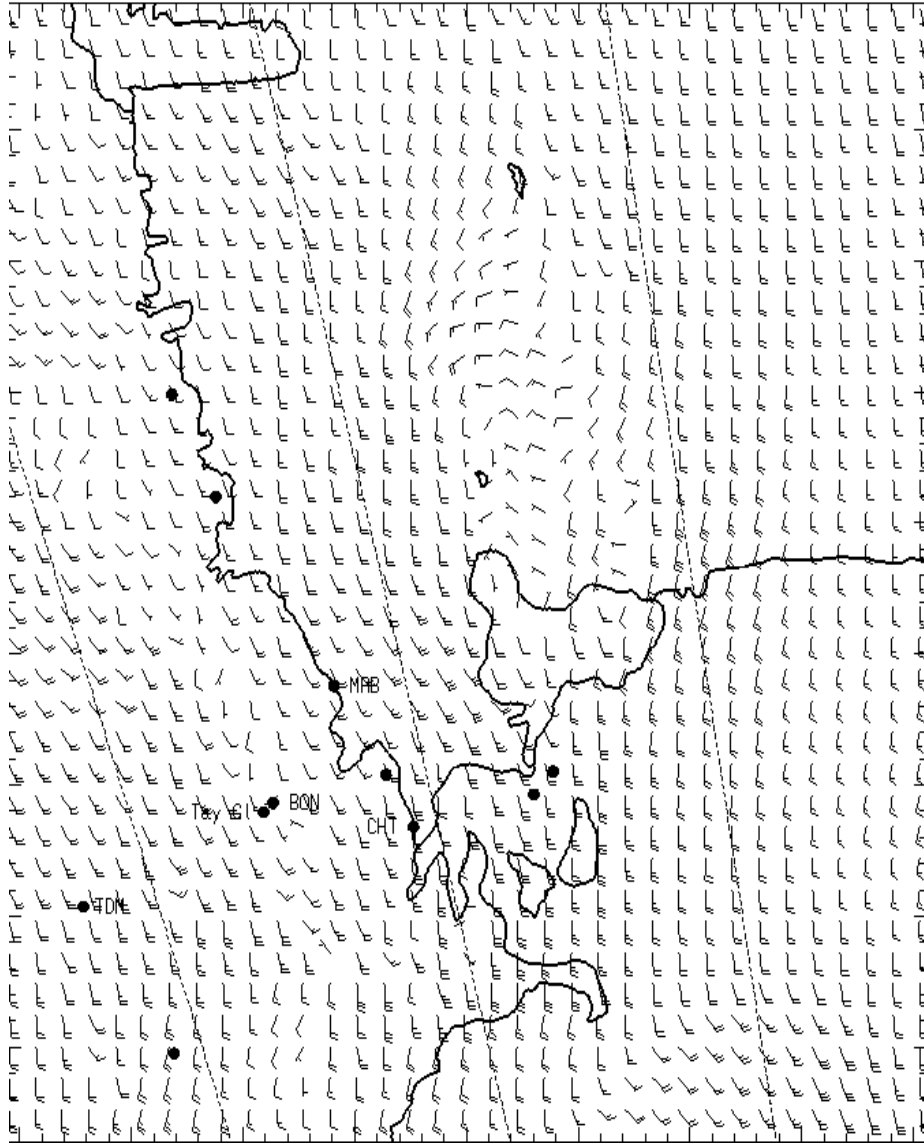


0700L

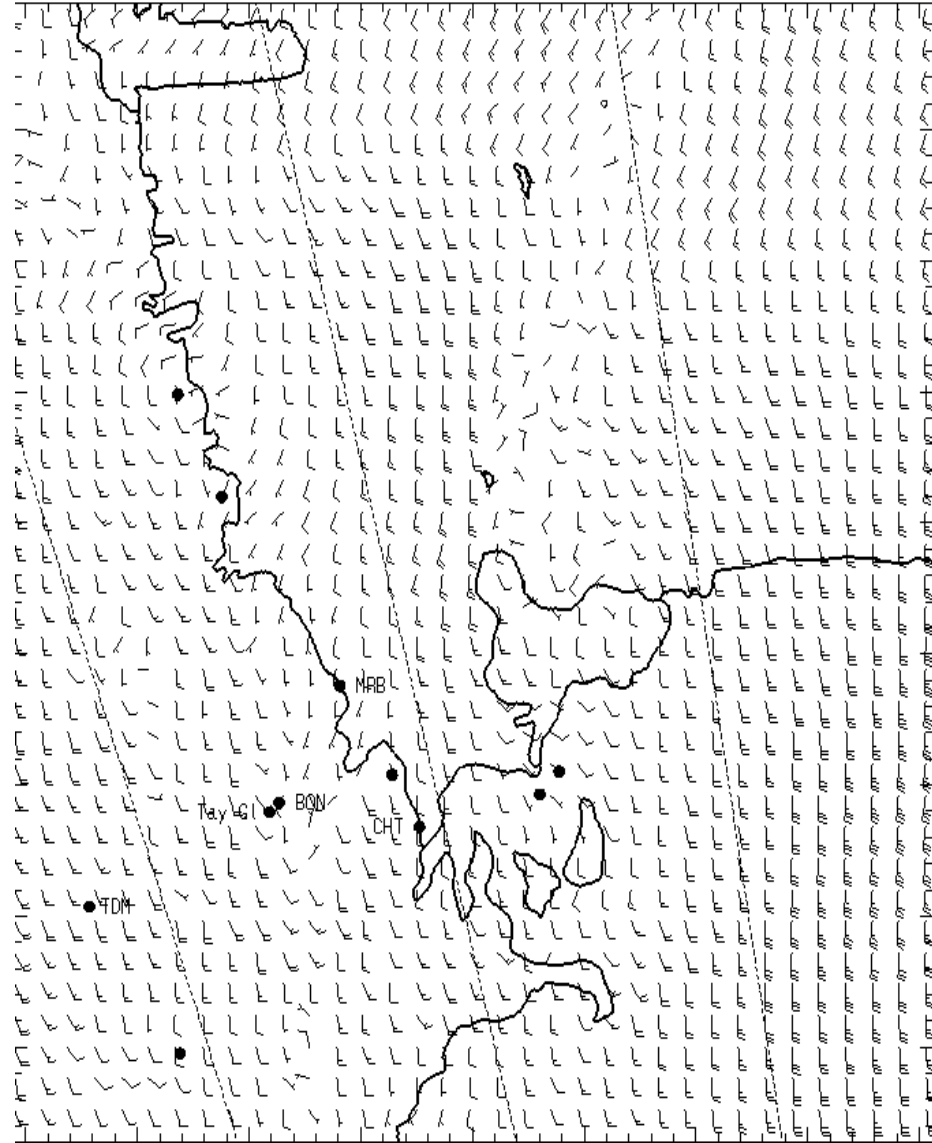


1300L

5,000 ft AGL



0700L



1300L