



Helo Weather

Charleston ROF
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Date (L): Wednesday 8 November 2023

Brief Time (L): 0615

Briefing Number: 11-008

FCSTR: Alan Stratton

REGIONAL SUMMARY

A trof associated with low pressure centered in the Amundson Sea will impact the Ross Island region late this morning. In the immediate area, it is expected to be mostly dry, with snow produced along higher terrain over Minna Bluff, Black and White Islands, and the southern slopes of Ross Island.

HAZARDS

OCNL MDT to ISOL SVR turbulence in the lee of terrain FL SFC-040 after 10L

LATEST MCMURDO OBSERVATION

METAR ZCMA 071710Z AUTO 11010G20KT 9999 OVC048 M08/M19 A2901 RMK AO2 SLP829 GRID27010G20KT=

RUNWAY TAFS

TAF NZFX 071456Z 0715/0815 (0804/0904NZDT) 03008KT 9999 SCT030 BKN050 QNH2899INS GRID20008KT
BECMG 0718/0720 (0807/0809) 18025G45KT 0800 BLSN SCT015 BKN050 530006 QNH2895INS GRID35025G45KT
BECMG 0722/0724 (0811/0813) 19025G40KT 2400 BLSN SCT008 BKN015 BKN030 620156 530006 QNH2892INS
GRID36025G40KT
BECMG 0803/0805 (0816/0818) 15020G35KT 6000 BLSN FEW008 SCT015 BKN050 520006 QNH2898INS
GRID32020G35KT

TAF NZWD 071456Z 0715/0815 (0804/0904NZDT) 04008KT 9999 SCT030 BKN050 QNH2894INS GRID21008KT
BECMG 0720/0722 (0809/0811) 18025G45KT 0800 BLSN SCT015 BKN030 530006 QNH2892INS GRID35025G45KT
BECMG 0723/0801 (0812/0814) 18025G40KT 1600 BLSN SCT008 BKN015 BKN030 620156 530006 QNH2899INS
GRID35025G40KT
BECMG 0804/0806 (0817/0819) 10015G30KT 3200 BLSN FEW008 SCT015 BKN050 520006 QNH2905INS
GRID27015G30KT

MCMURDO HELIPAD FORECAST (VALID TIME: 07/0600L - 1800L)

SFC WIND (TRUE): 12015KT. BECMG 150V20025G45 AFT 10L

SFC VISIBILITY (SM): UNRES. OCNL 2-4 BLSN AFT 11L

SKY CONDITION (AGL): SCT 030 BKN050. BECMG BKN015 AFT 11L

MIN ALSTG: 29.00INS

HAZARDS: LGT- OCNL MDT TURBC SFC-050

SITE & AREA FORECASTS (VALID TIME: 07/0600L - 1800L)

NEW HARBOR

SFC WIND (TRUE): 19010KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN060
MIN ALSTG: 28.84INS
HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW020 BKN050
MIN ALSTG: 28.92INS
HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): 24015G20KT, BECMG VRB04KT AFT 10L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN070, BECMG BKN040 AFT 15L
MIN ALSTG: 28.82INS
HAZARDS: LGT TURBC SFC-050

MARBLE POINT

SFC WIND (TRUE): 25015G25KT, BECMG VRB04KT AFT 11L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN060, BECMG BKN020 AFT13L
MIN ALSTG: 28.91INS
HAZARDS: LGT TURBC SFC-050

LAKE BONNEY

SFC WIND (TRUE): 25015G25KT, BECMG VRB05KT AFT 12L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW080, BECMG BKN050 AFT 12L
MIN ALSTG: 28.85INS
HAZARDS: LGT TURBC SFC-050

TNB RECCE LOC #1

SFC WIND (TRUE): 28015G20KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW 050 SCT160
MIN ALSTG: 28.93INS
HAZARDS: NIL

TNB RECCE LOC #2 (location Unavailable at time of Issue)

SFC WIND (TRUE):

SFC VISIBILITY (SM):

SKY CONDITION (AGL):

MIN ALSTG: INS

HAZARDS:

BLACK ISLAND

SFC WIND (TRUE): 20030-40G55KT

SFC VISIBILITY (SM): ½-2 BLSN

SKY CONDITION (AGL): FEW020 BKN050

MIN ALSTG: 28.92INS

HAZARDS: MDT SFC-050

MARIO ZUCHELLI STATION

SFC WIND (TRUE): 29015KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT160

MIN ALSTG: 29.00INS

HAZARDS: NONE

SCOTT BASE

SFC WIND (TRUE): 16020G35KT

SFC VISIBILITY (SM): 2 BLSN

SKY CONDITION (AGL): BKN020 BECMG FEW020 BKN050 AFT10L

MIN ALSTG: 28.89INS

HAZARDS: LGT TURBC SFC-050

MCMURDO SOUND SEA ICE ALPHA

SFC WIND (TRUE): 05012KT, BECMG 10015G20KT AFT15L

SFC VISIBILITY (SM): UNRES, BECMG 2-4 BLSN AFT 12L

SKY CONDITION (AGL): SCT030 BKN050

MIN ALSTG: 28.88INS

HAZARDS: NIL

MCMURDO SOUND SEA ICE BETA

SFC WIND (TRUE): 10010G15KT, BECMG 11020G25KT AFT 15L

SFC VISIBILITY (SM): UNRES, BECMG 2-4 BLSN AFT 12L

SKY CONDITION (AGL): SCT010 BKN030

MIN ALSTG: 28.88INS

HAZARDS: NIL

MCMURDO SOUND SEA ICE GAMMA

SFC WIND (TRUE): 14015G20, BECMG 13020G30 KT AFT 12L

SFC VISIBILITY (SM): 1 –SN BLSN

SKY CONDITION (AGL): SCT010 BKN040, BECMG BKN010 AFT 11L

MIN ALSTG: 28.88INS

HAZARDS: LGT RIME MXD ICING SFC-040 AFT 11L. LGT TURBC SFC-050 AFT 11L

MCMURDO SOUND SEA ICE DELTA

SFC WIND (TRUE): 18012KT, BECMG 15025G30 AFT 11L

SFC VISIBILITY (SM): 3 BLSN

SKY CONDITION (AGL): SCT010 BKN030

MIN ALSTG: 28.89INS

HAZARDS: NIL. LGT TURBC SFC-050

SITE & AREA NIGHT FORECASTS (VALID TIME: 07/1800L – 08/0600L)

MCMURDO HELIPAD

SFC WIND (TRUE): 120V18015-25G40

SFC VISIBILITY (SM): UNRES. OCNL 3-5 BLSN

SKY CONDITION (AGL): SCT020 BKN065

MIN ALSTG: 29.03INS

HAZARDS: LGT- OCNL MDT TURBC SFC-050

BLACK ISLAND

SFC WIND (TRUE): 19030G45KT

SFC VISIBILITY (SM): 1-3 BLSN

SKY CONDITION (AGL): FEW020 BKN050. BECMG BKN070 AFT 20L

MIN ALSTG: 28.89INS

HAZARDS: MDT SFC-050

LAKE FRYXELL

SFC WIND (TRUE):

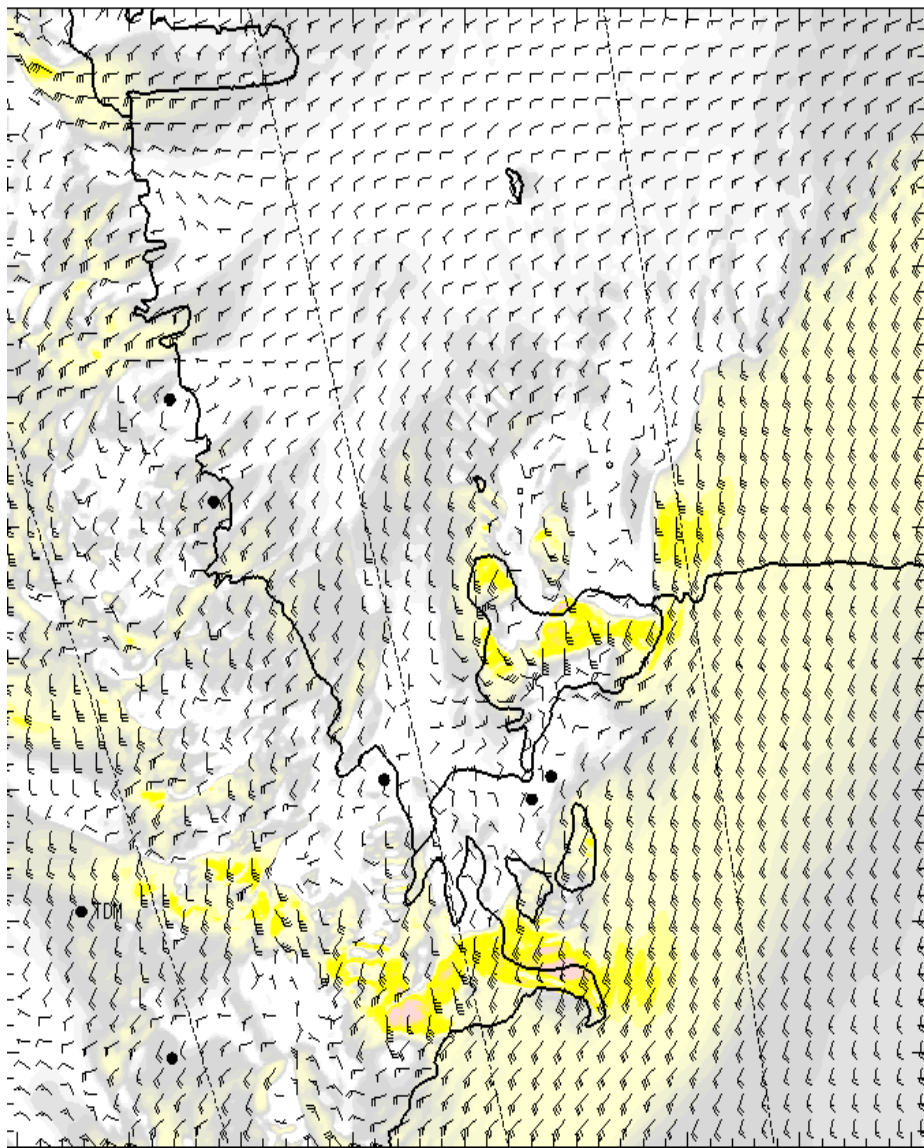
SFC VISIBILITY (SM):

SKY CONDITION (AGL):

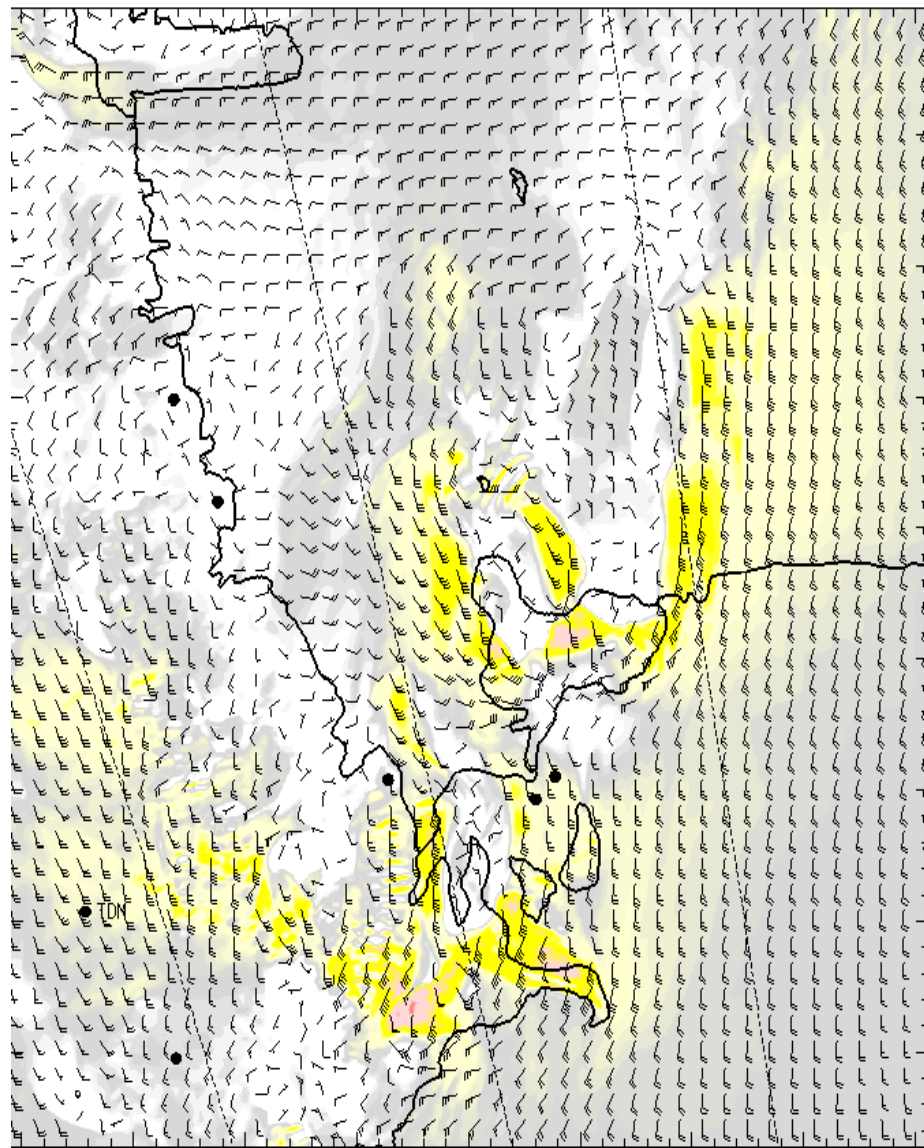
MIN ALSTG: INS

HAZARDS:

SFC

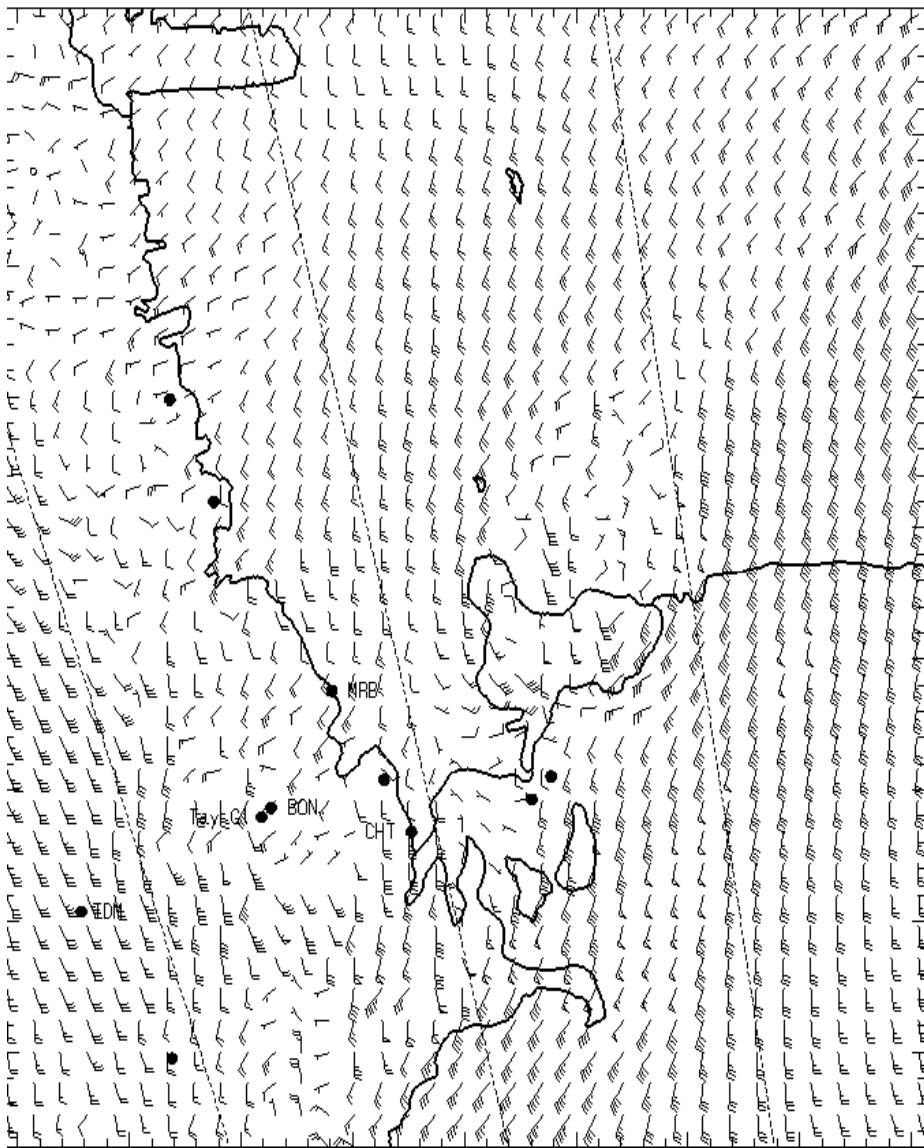


0700L

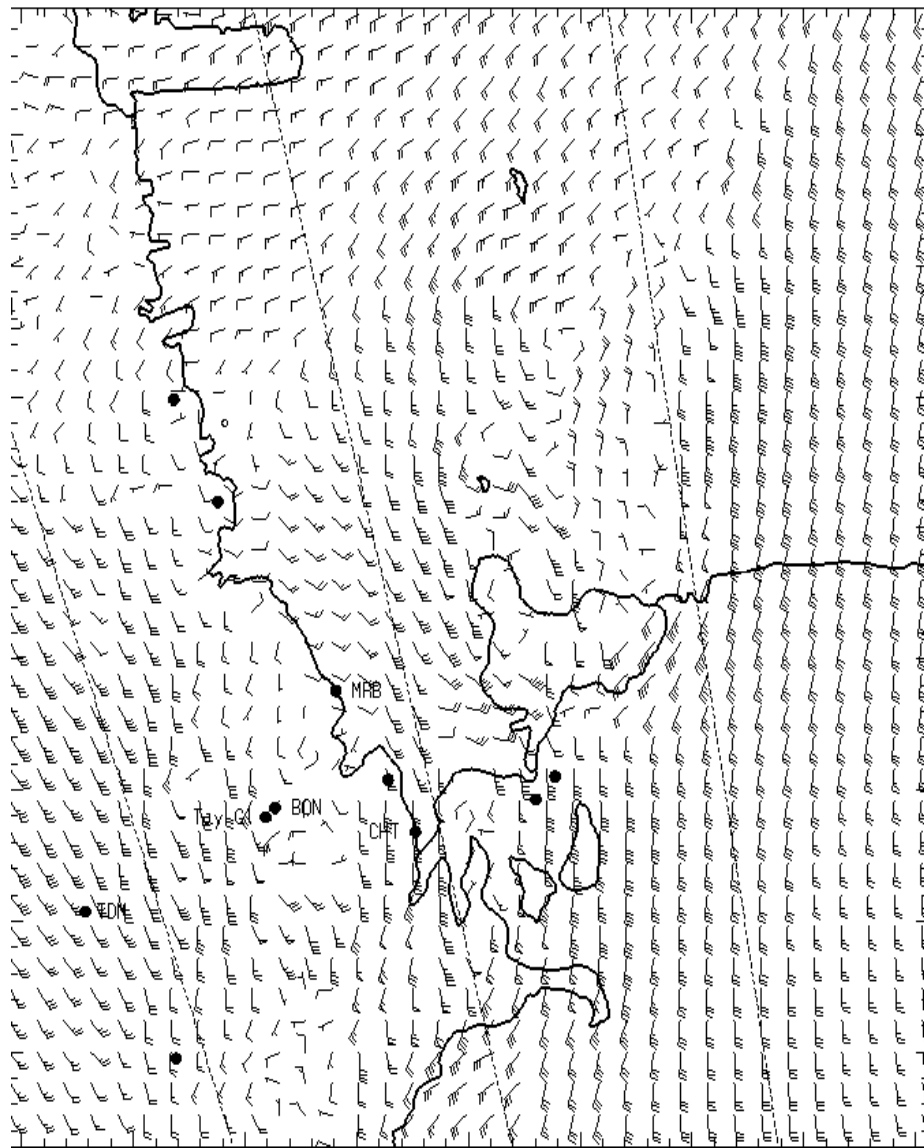


1300L

1,000 ft AGL

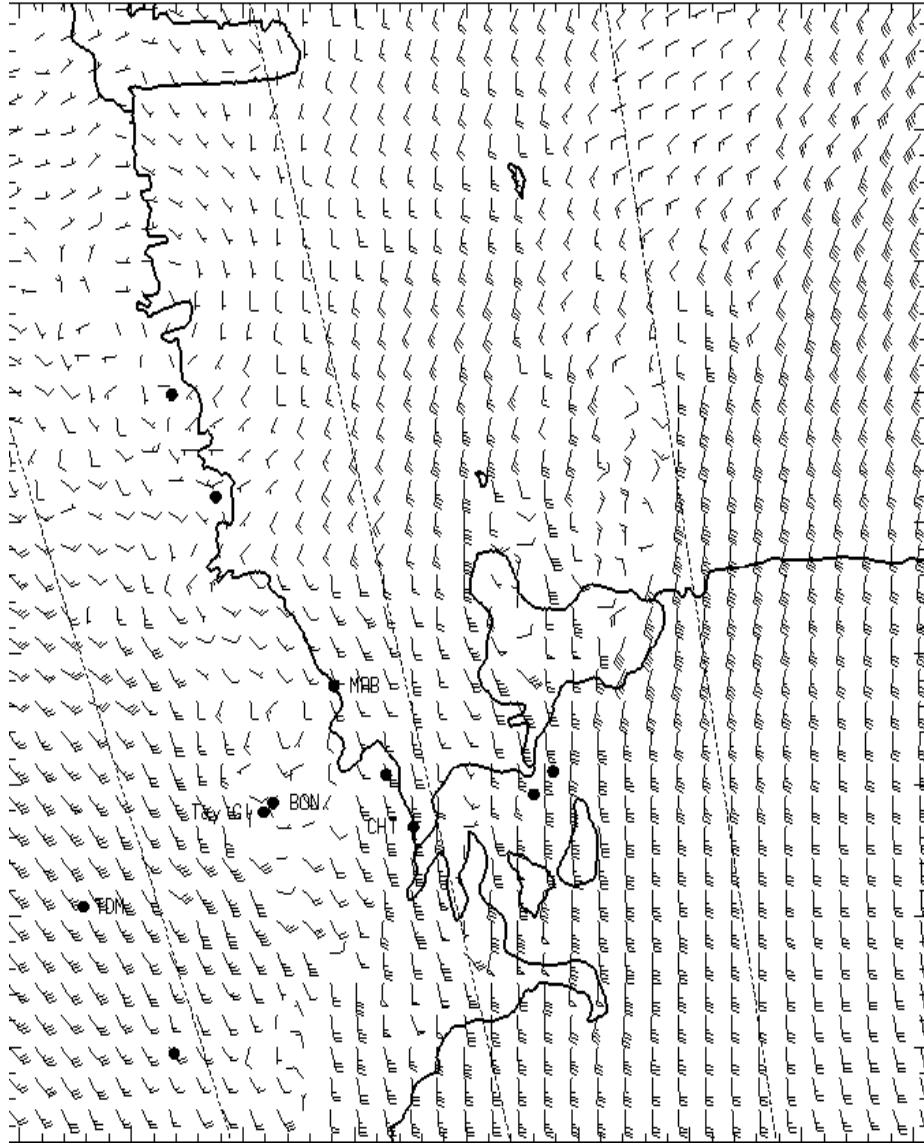


0700L

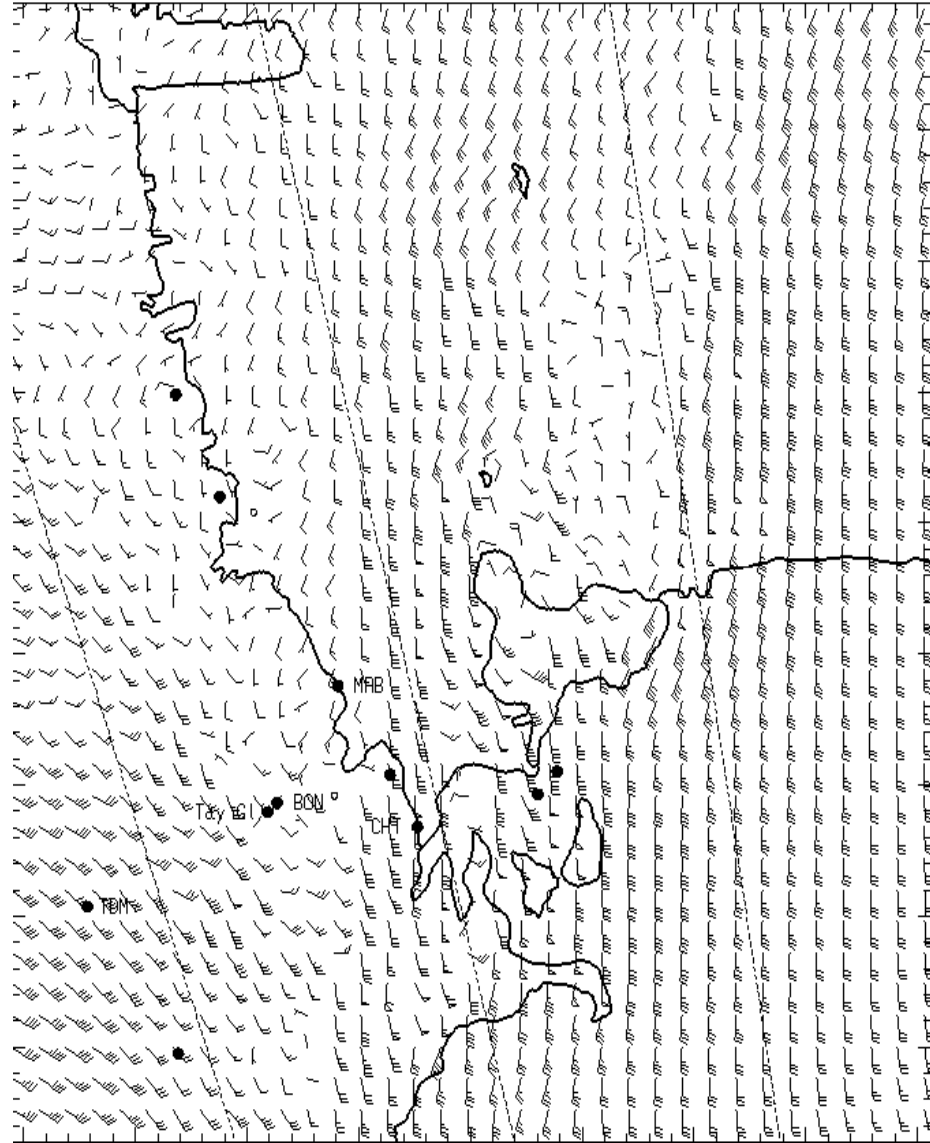


1300L

3,000 ft AGL

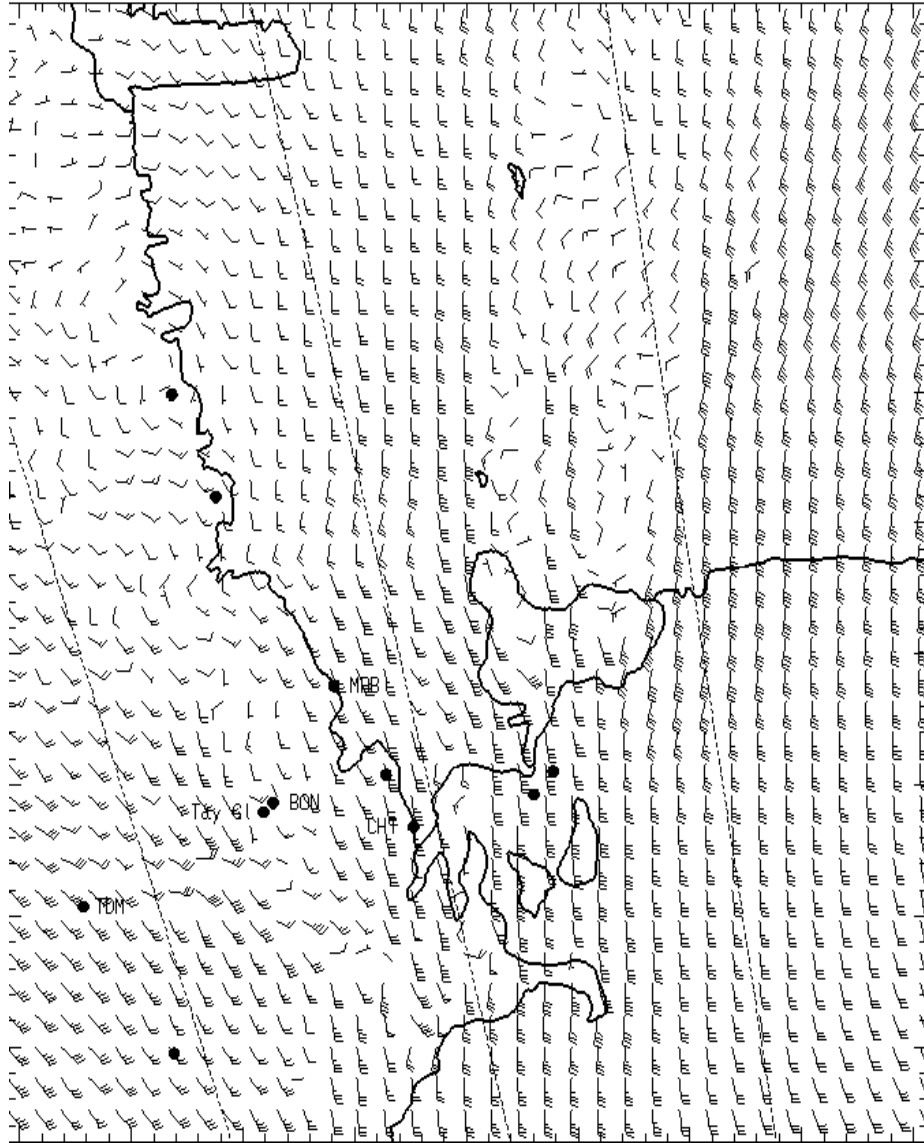


0700L

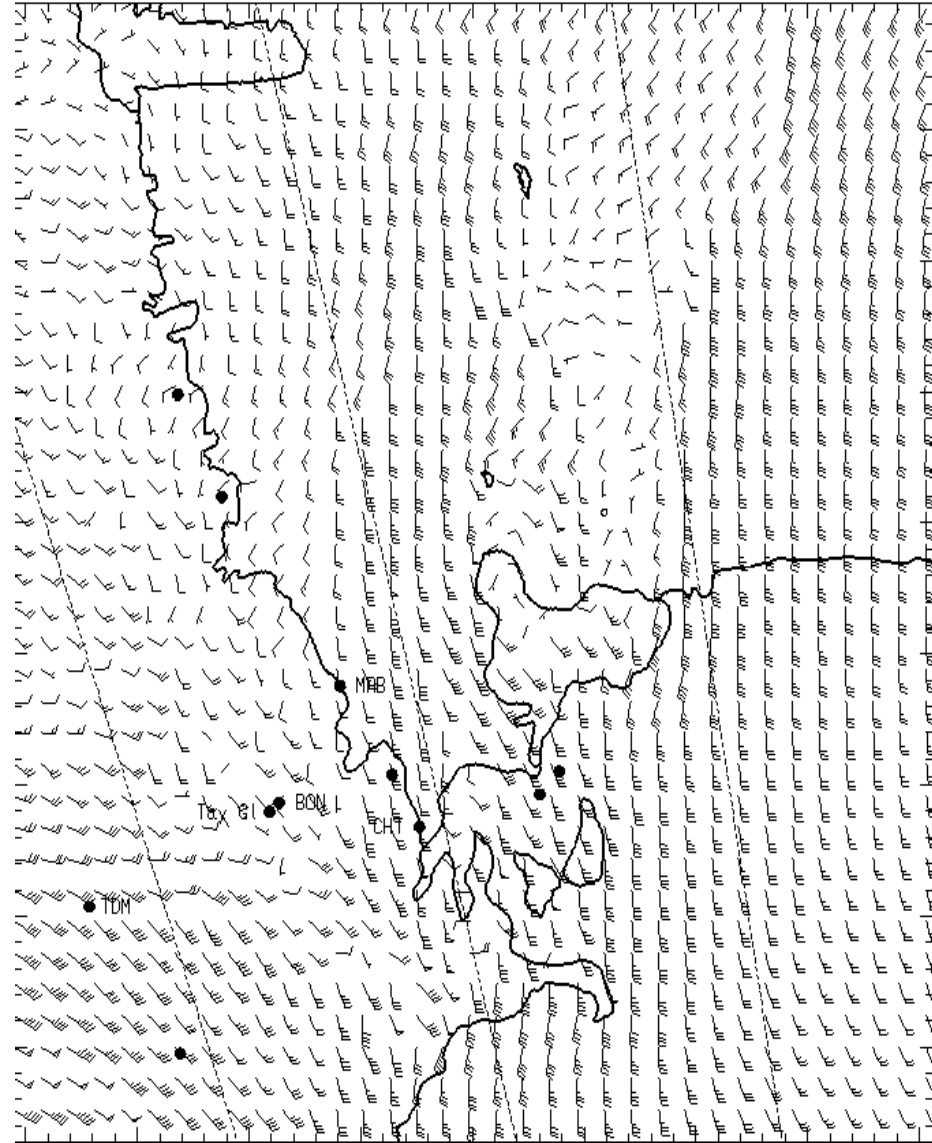


1300L

5,000 ft AGL



0700L



1300L