



Helo Weather

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Date (L): Mon 27 December 2021

Brief Time (L): 0600

Briefing Number: 12-022

FCSTR: Paul Gulli

REGIONAL SUMMARY

Low pressure over the southeastern Ross Sea is slowly progressing westward toward Ross Island today. Satellite imagery indicates fog and stratus associated with the low, with the leading edge just east of the McMurdo area. Wind flow appears poised to direct the fog and stratus into the runways and McMurdo Station, but the layer is inconsistent at best. As a result, intermittent reductions in visibility are expected throughout the day, with occasional brief periods of clearing. It doesn't appear at this time that the fog/stratus layer will encroach much on the Dry Valleys, but if it does it'll remain mostly at the edge of the Sound. Winds are expected to be relatively light and east/southeasterly throughout the day.

HAZARDS

Trace to Light Rime Icing are possible in any of the low stratus or mid-level ceiling layers. No significant turbulence is expected.

LATEST MCMURDO OBSERVATION

METAR NZCM 261555Z AUTO VRB06KT 9999 SKC M02/M08 A2882 RMK AO2 SLP764 T10241078 \$=

RUNWAY TAFS

TAF AMD NZFX 261636Z 2616/2715 (2705/2804NZDT) 11010KT 0400 FZFG SCT050 BKN070 BKN120 QNH2881INS
GRID28010KT

TEMPO 2616/2622 (2705/2711) 3200 BR SCT010

BECMG 2621/2623 (2710/2712) 09010KT 1200 BR SCT010 BKN070 BKN120 QNH2881INS GRID26010KT

BECMG 2709/2711 (2722/2724) 06010KT 9999 VCFG SCT030 BKN050 BKN070 QNH2884INS GRID23010KT

TAF AMD NZWD 261636Z 2616/2715 (2705/2804NZDT) 12007KT 0400 FZFG SCT050 BKN070 BKN120 QNH2881INS
GRID29007KT

TEMPO 2616/2622 (2705/2711) 3200 BR SCT010

BECMG 2621/2623 (2710/2712) VRB04KT 1200 BR SCT010 BKN070 BKN120 QNH2881INS

BECMG 2709/2711 (2722/2724) 08012KT 9999 VCFG SCT030 BKN050 BKN070 QNH2883INS GRID25012KT

MCMURDO HELIPAD FORECAST (VALID TIME: 27/0600L - 1800L)

SFC WIND (TRUE): 08011KT

SFC VISIBILITY (SM): UNRES, OCNL ½ BR

SKY CONDITION (AGL): SCT010 BKN060 BKN120, OCNL BKN010 OVC060

MIN ALSTG: 28.75INS

HAZARDS: LGT RIME ICG 060-090

SITE & AREA FORECASTS (VALID TIME: 27/0600L - 1800L)

CONEZ

SFC WIND (TRUE): 18007KT

SFC VISIBILITY (SM): UNRES, OCNL 1 -SG

SKY CONDITION (AGL): SCT010, OCNL BKN010

MIN ALSTG: 28.06INS

HAZARDS: NIL

LK HOARE

SFC WIND (TRUE): 08009KT

SFC VISIBILITY (SM): UNRES, VCFG

SKY CONDITION (AGL): FEW010 BKN070

MIN ALSTG: 28.79INS

HAZARDS: LGT RIME ICG 070-100

GREEN CREEK

SFC WIND (TRUE): 09007KT

SFC VISIBILITY (SM): UNRES, VCFG

SKY CONDITION (AGL): FEW010 BKN070

MIN ALSTG: 28.79INS

HAZARDS: LGT RIME ICG 070-100

F6

SFC WIND (TRUE): 06008KT

SFC VISIBILITY (SM): UNRES, VCFG

SKY CONDITION (AGL): FEW010 BKN070

MIN ALSTG: 28.82INS

HAZARDS: LGT RIME ICG 070-100

LK FRYXELL

SFC WIND (TRUE): 11007KT

SFC VISIBILITY (SM): UNRES, VCFG

SKY CONDITION (AGL): FEW010 BKN070

MIN ALSTG: 28.83INS

HAZARDS: LGT RIME ICG 070-100

TAYLOR GL MET

SFC WIND (TRUE): 06009KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW080

MIN ALSTG: 28.75INS

HAZARDS: NIL

FRIIS HILLS MET

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW040

MIN ALSTG: 28.49INS

HAZARDS: NIL

MT FLEMMING MET

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW040

MIN ALSTG: 28.42INS

HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): 12009KT

SFC VISIBILITY (SM): UNRES, OCNL 2 BR

SKY CONDITION (AGL): SCT010 BKN070 BKN100, OCNL BKN010 OVC070

MIN ALSTG: 28.81INS

HAZARDS: TRACE ICG 010-020, LGT RIME ICG 070-100

SCOTT BASE

SFC WIND (TRUE): 05007KT

SFC VISIBILITY (SM): UNRES, OCNL ½ BR

SKY CONDITION (AGL): SCT010 BKN070 BKN100, OCNL BKN010 OVC060

MIN ALSTG: 28.79INS

HAZARDS: LGT RIME ICG 070-100

LK BROWNORTH

SFC WIND (TRUE): 07009KT

SFC VISIBILITY (SM): UNRES, VCFG

SKY CONDITION (AGL): FEW010 BKN060

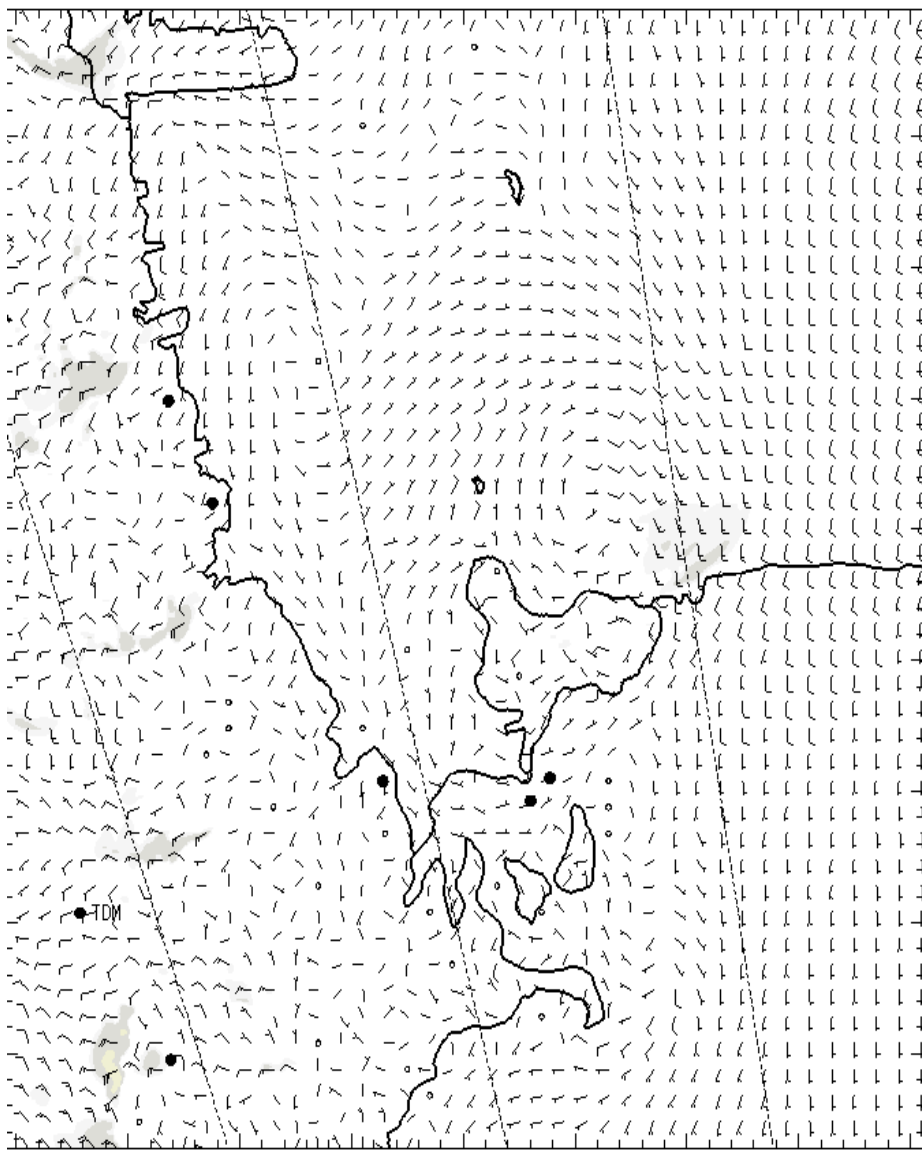
MIN ALSTG: 28.73INS

HAZARDS: LGT RIME ICG 060-100

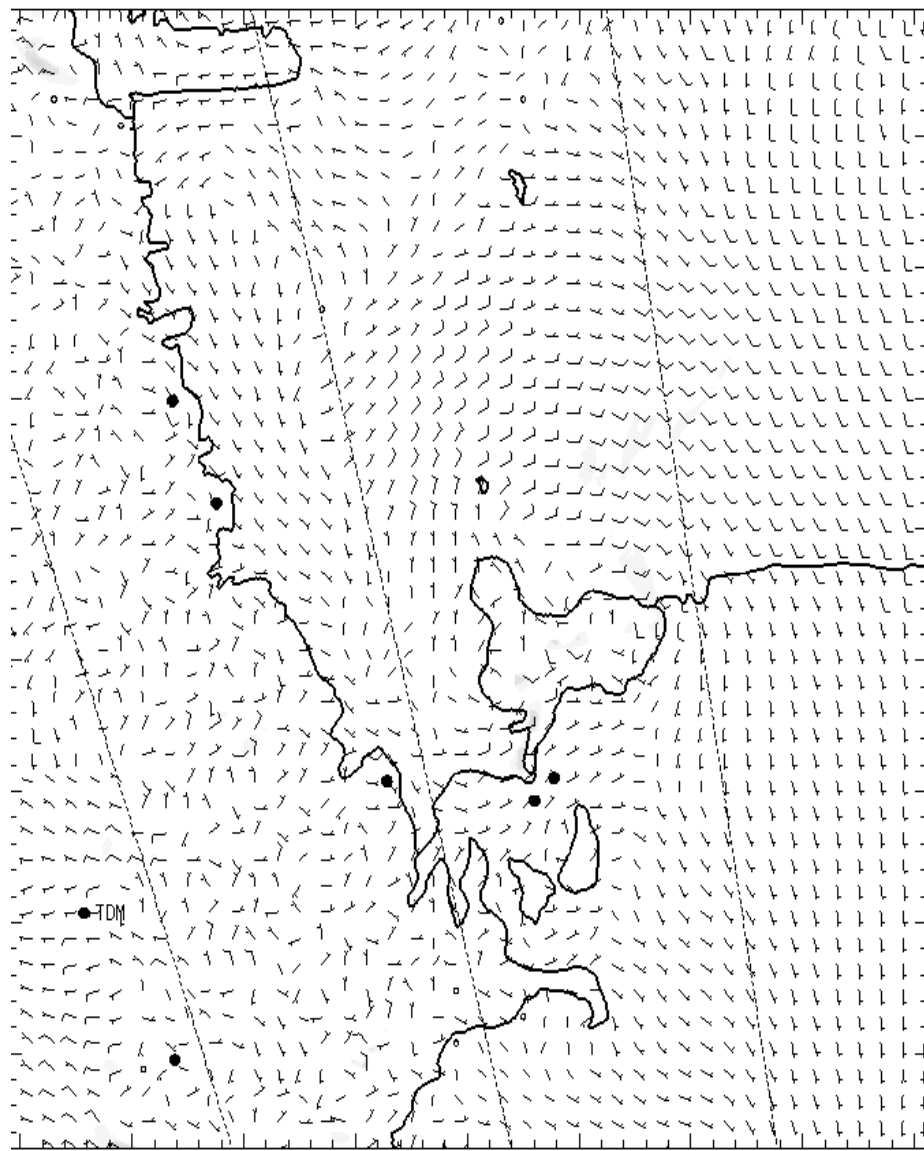
NIGHT AREA OUTLOOKS (VALID TIME: 27/1800L - 28/0600L):

N/A

SFC

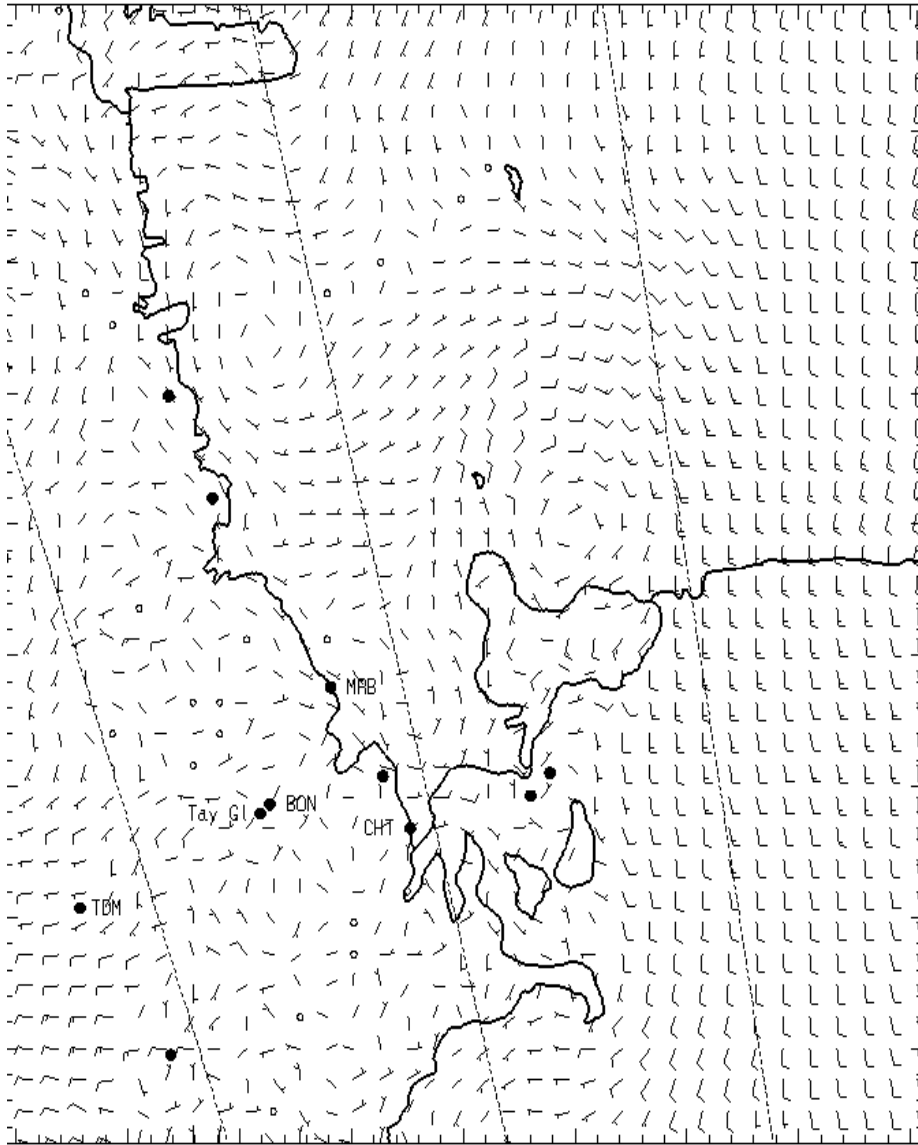


0700L

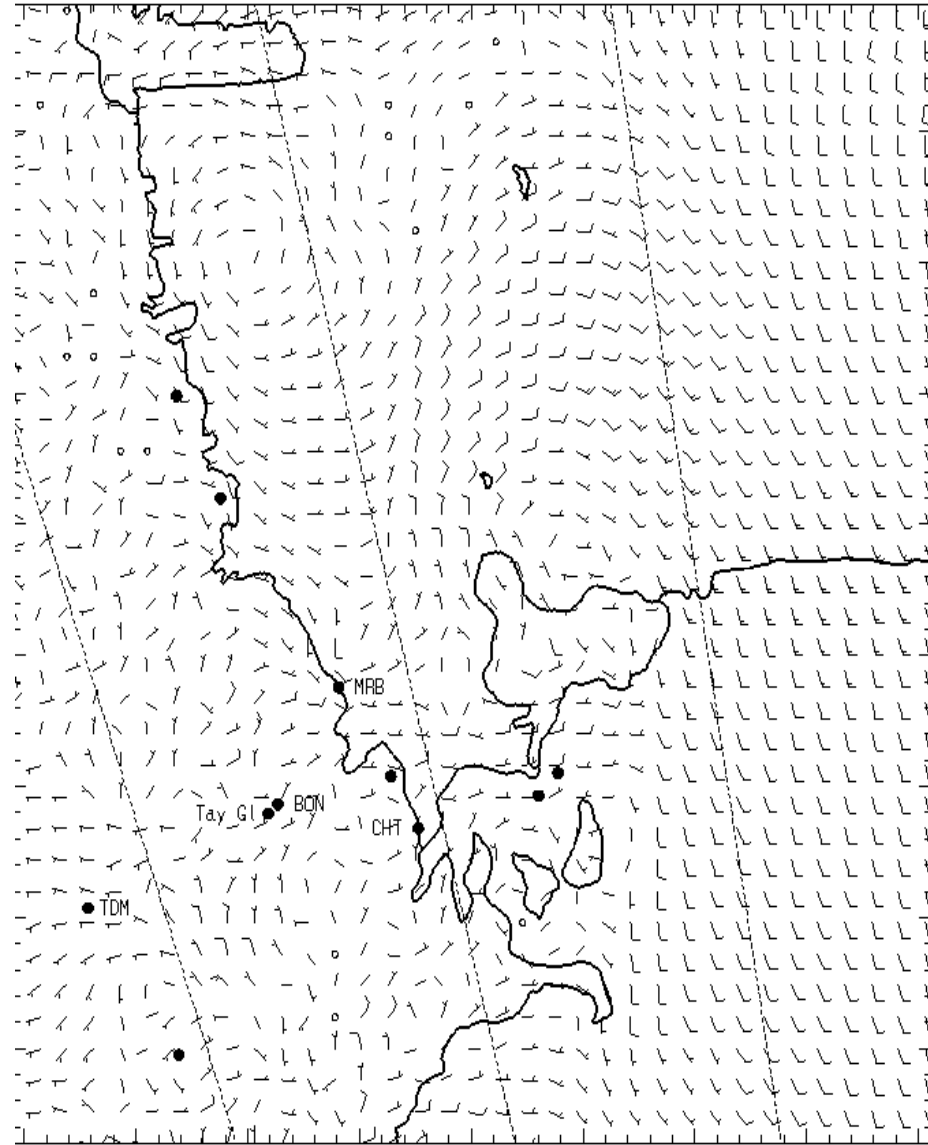


1300L

1,000 ft AGL

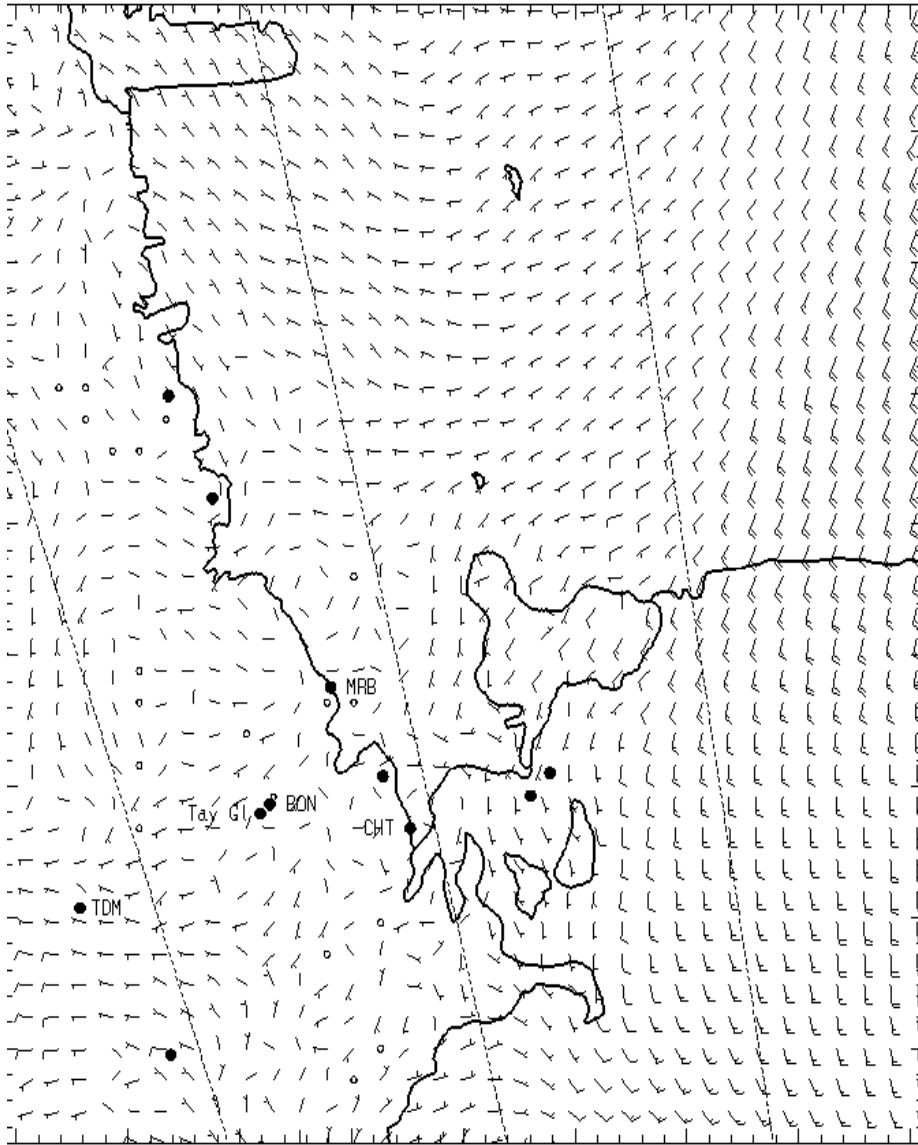


0700L

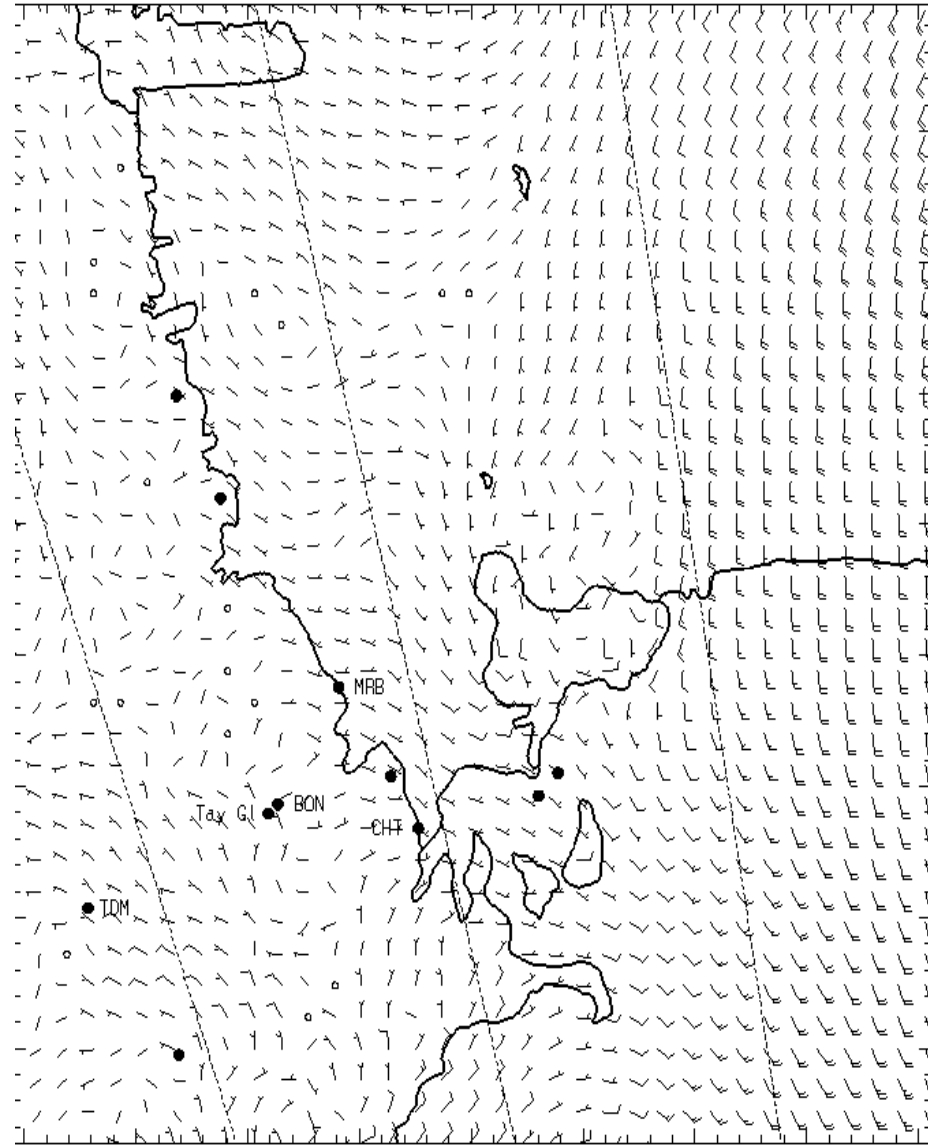


1300L

3,000 ft AGL

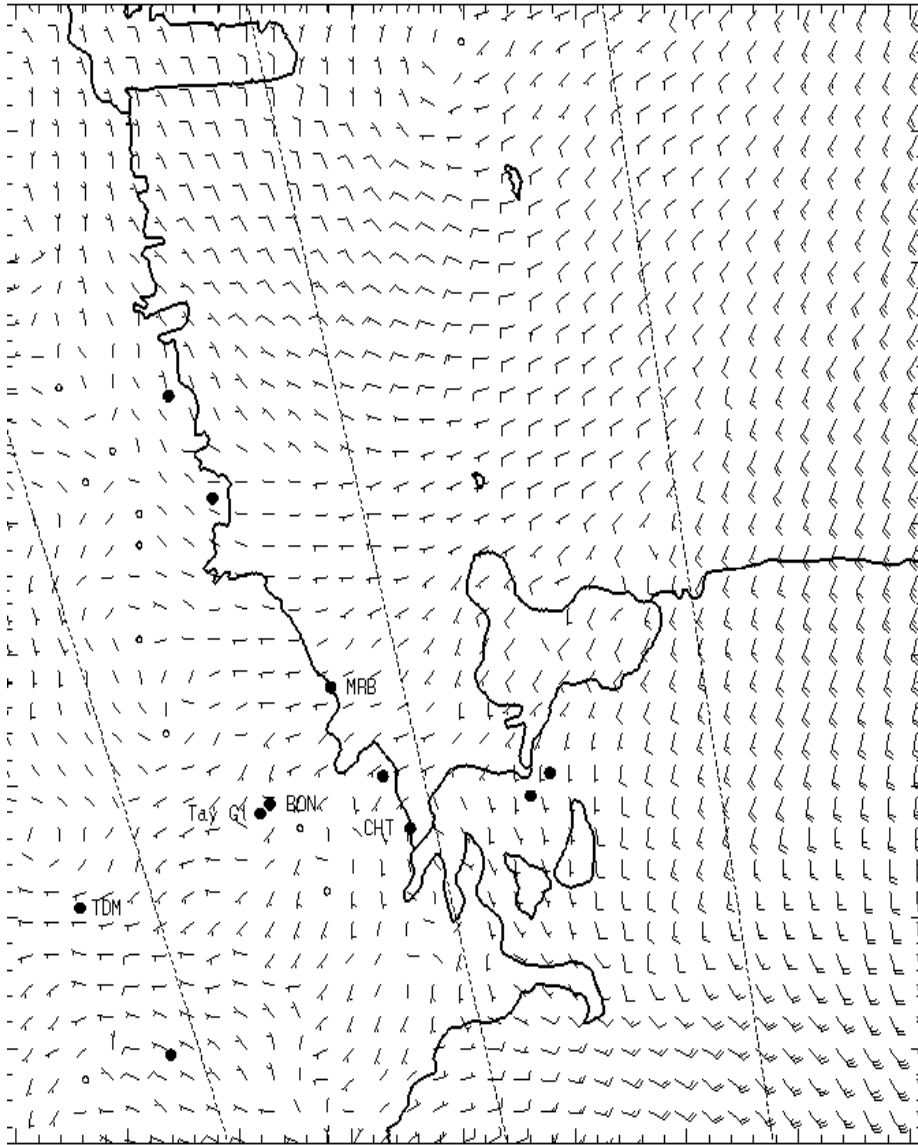


0700L

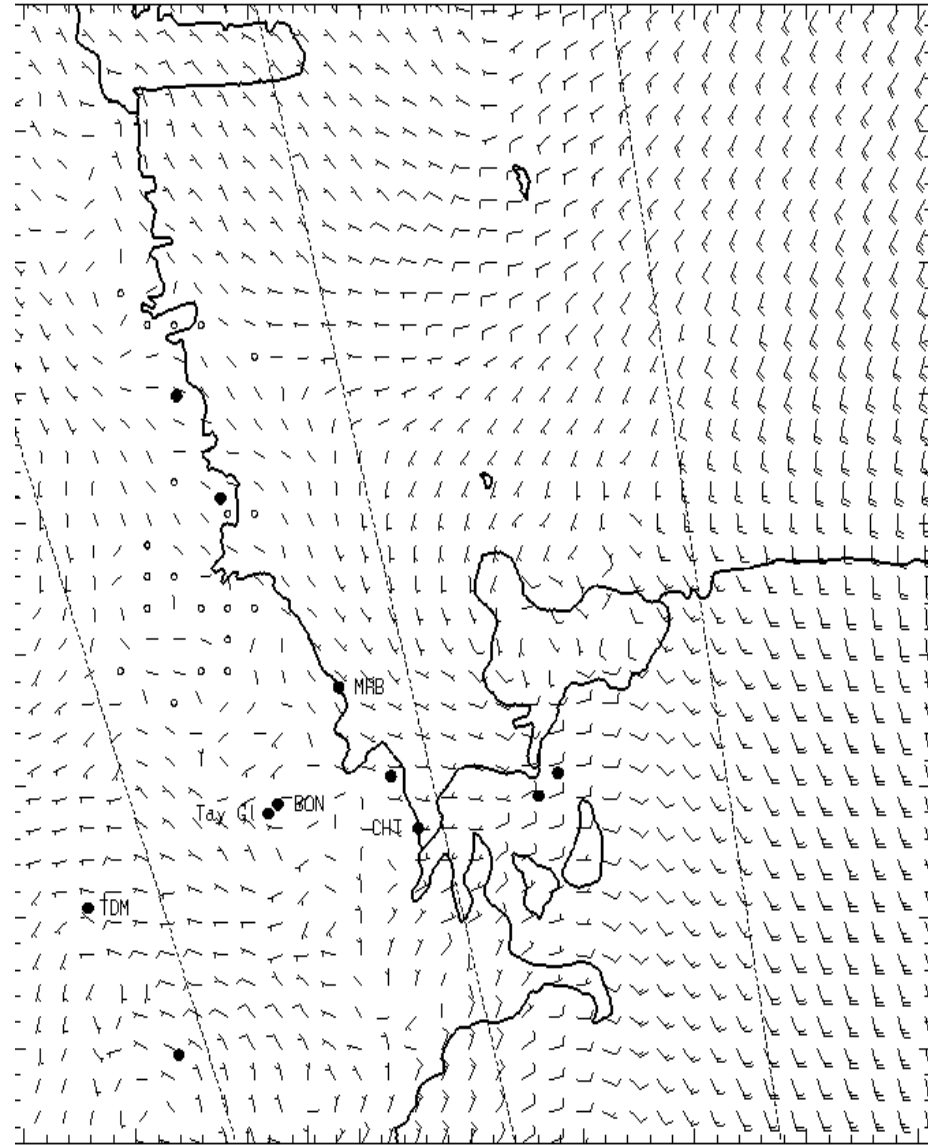


1300L

5,000 ft AGL



0700L



1300L