



HELO Weather

McMurdo Weather
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Briefing Counter: x43353

Date (L): Thursday, 29 December 2022

Brief Time (L): 0615

Briefing Number: 12-24

FCSTR: Jeff Fournier

REGIONAL SUMMARY

The Ross Island region will be situated between a broad area of low pressure over the central Ross Ice Shelf and a small, weak low near Terra Nova Bay. The weak low-layer flow between these features means that this morning's clouds, which covered the lower elevations of Ross Island, the airfields, McMurdo Sound, and even the Dry Valleys, will change little. Given the large distances from the aforementioned low pressure systems, there will be little in the way of upward motion today; however, abundant moisture and possible wind interactions with terrain may generate areas of light snow- mainly from McMurdo westward. A gradual reduction in clouds is likely late this afternoon and evening.

HAZARDS

AREAS OF MVFR CLOUD CEILINGS.
ISOLATED IFR VISIBILITY IN -SN AND FG/BR.
LIGHT RIME ICING IN CLOUDS.

LATEST MCMURDO OBSERVATION

METAR ZCMA 281652Z AUTO VRB02KT 6000 OVC050 M06/M13 A2910 RMK AO2 SLP860=

RUNWAY TAFS

TAF NZFX 281456Z 2815/2915 (2904/3004NZDT) VRB06KT 9999 VCSH SCT025 BKN035 OVC060 620353 QNH2908INS
TEMPO 2815/2821 (2904/2910) 4800 -SN BR FEW010 BKN025 OVC035 620254
BECMG 2904/2906 (2917/2919) VRB06KT 9999 NSW FEW025 SCT035 SCT060 QNH2904INS

TAF NZWD 281456Z 2815/2915 (2904/3004NZDT) VRB06KT 9999 VCSH SCT025 BKN035 OVC060 620353 QNH2907INS
TEMPO 2815/2821 (2904/2910) 4800 -SN FEW010 BKN025 OVC035 620254
BECMG 2904/2906 (2917/2919) VRB06KT 9999 NSW FEW025 SCT035 SCT060 QNH2904INS

MCMURDO HELIPAD FORECAST (VALID TIME: 29/0600L – 29/1800L)

SFC WIND (TRUE): 03008KT

SFC VISIBILITY (SM): UNR TEMPO 2-4 -SN BR

SKY CONDITION (MSL): SCT025 BKN035 OVC060 TEMPO FEW010 BKN025 OVC035

MIN ALSTG: 2907INS

HAZARDS: LGT RIME ICING IN CLOUD

SITE & AREA FORECASTS (VALID TIME: 29/0600L – 29/1800L)

SCOTT BASE

SFC WIND (TRUE): 03007KT

SFC VISIBILITY (SM): UNR TEMPO 2-4 –SN BR

SKY CONDITION (MSL): SCT025 BKN035 OVC060 TEMPO FEW010 BKN025 OVC035

MIN ALSTG: 2907INS

HAZARDS: LGT RIME ICING IN CLOUD

MARBLE POINT

SFC WIND (TRUE): 14010KT BECMG VRB06KT AFT 11L

SFC VISIBILITY (SM): UNR, TEMPO 2-4 –SN BR

SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025

MIN ALSTG: 2903INS

HAZARDS: LGT RIME ICING IN CLOUD

BLACK ISLAND

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO 1-2 –SN BR

SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025

MIN ALSTG: 2902INS

HAZARDS: LGT RIME ICING IN CLOUD

MOORE'S BAY

SFC WIND (TRUE): VRB04KT

SFC VISIBILITY (SM): UNR

SKY CONDITION (MSL): FEW010 SCT025 BKN035 OVC060

MIN ALSTG: 2900INS

HAZARDS: LGT RIME ICING IN CLOUD

LAKE HOARE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO 2-4 –SN BR

SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025

MIN ALSTG: 2899INS

HAZARDS: LGT RIME ICING IN CLOUD

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO 2-4 –SN BR

SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025

MIN ALSTG: 2905INS

HAZARDS: LGT RIME ICING IN CLOUD

LAKE BONNEY

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO 2-4 –SN BR

SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025

MIN ALSTG: 2899INS

HAZARDS: LGT RIME ICING IN CLOUD

MT NEWALL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 2-4 BR TEMPO ¼ -SN FG

SKY CONDITION (MSL): SCT050 BKN060 TEMPO BKN050

MIN ALSTG: 2865INS

HAZARDS: LGT RIME ICING IN CLOUD

MT VOLSIPS

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 2-4 BR TEMPO ¼ -SN FG

SKY CONDITION (MSL): SCT025 BKN035 OVC060 TEMPO OVC025

MIN ALSTG: 2880INS

HAZARDS: LGT RIME ICING IN CLOUD

COMMONWEALTH GL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 4-6 -SN BR TEMPO 2-4 -SN BR

SKY CONDITION (MSL): SCT010 BKN025 TEMPO OVC010

MIN ALSTG: 2900INS

HAZARDS: LGT RIME ICING IN CLOUD

TAYLOR GLACIER

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO 2-4 -SN BR

SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025

MIN ALSTG: 2897INS

HAZARDS: LGT RIME ICING IN CLOUD

HOWARD GLACIER

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO 2-4 -SN BR

SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025

MIN ALSTG: 2901INS

HAZARDS: LGT RIME ICING IN CLOUD

F6

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO 2-4 -SN BR

SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025

MIN ALSTG: 2905INS

HAZARDS: LGT RIME ICING IN CLOUD

LAKE MIERS

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNR TEMPO 2-4 -SN BR

SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025

MIN ALSTG: 2892INS

HAZARDS: LGT RIME ICING IN CLOUD

BLUE BOX

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR TEMPO 2-4 –SN BR
SKY CONDITION (MSL): SCT025 OVC035 TEMPO SCT010 OVC025
MIN ALSTG: 2867INS
HAZARDS: LGT RIME ICING IN CLOUD

WRIGHT HUT

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): 2-4 BR TEMPO ½-1 –SN BR
SKY CONDITION (MSL): SCT025 BKN025 OVC060
MIN ALSTG: 2857INS
HAZARDS: LGT RIME ICING IN CLOUD

SEA ICE

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR, TEMPO 2-4 –SN BR
SKY CONDITION (MSL): SCT025 BKN035 OVC060, TEMPO SCT010 BKN025
MIN ALSTG: 2899INS
HAZARDS: LGT RIME ICING IN CLOUD

CAPE ROYDS

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNR, TEMPO 2-4 –SN BR
SKY CONDITION (MSL): SCT025 BKN035 OVC060, TEMPO SCT010 BKN025
MIN ALSTG: 2899INS
HAZARDS: LGT RIME ICING IN CLOUD

CAPE CROZIER

SFC WIND (TRUE): VRB06KT, BECMG 18012KT AFT 13L
SFC VISIBILITY (SM): UNR TEMPO 2-4 –SN BR
SKY CONDITION (MSL): SCT025 BKN035 OVC060 TEMPO SCT010 BKN025 OVC035
MIN ALSTG: 2904INS
HAZARDS: LGT RIME ICING IN CLOUD

NIGHT AREA OUTLOOKS (VALID TIME: 29/1800L – 30/0600L)

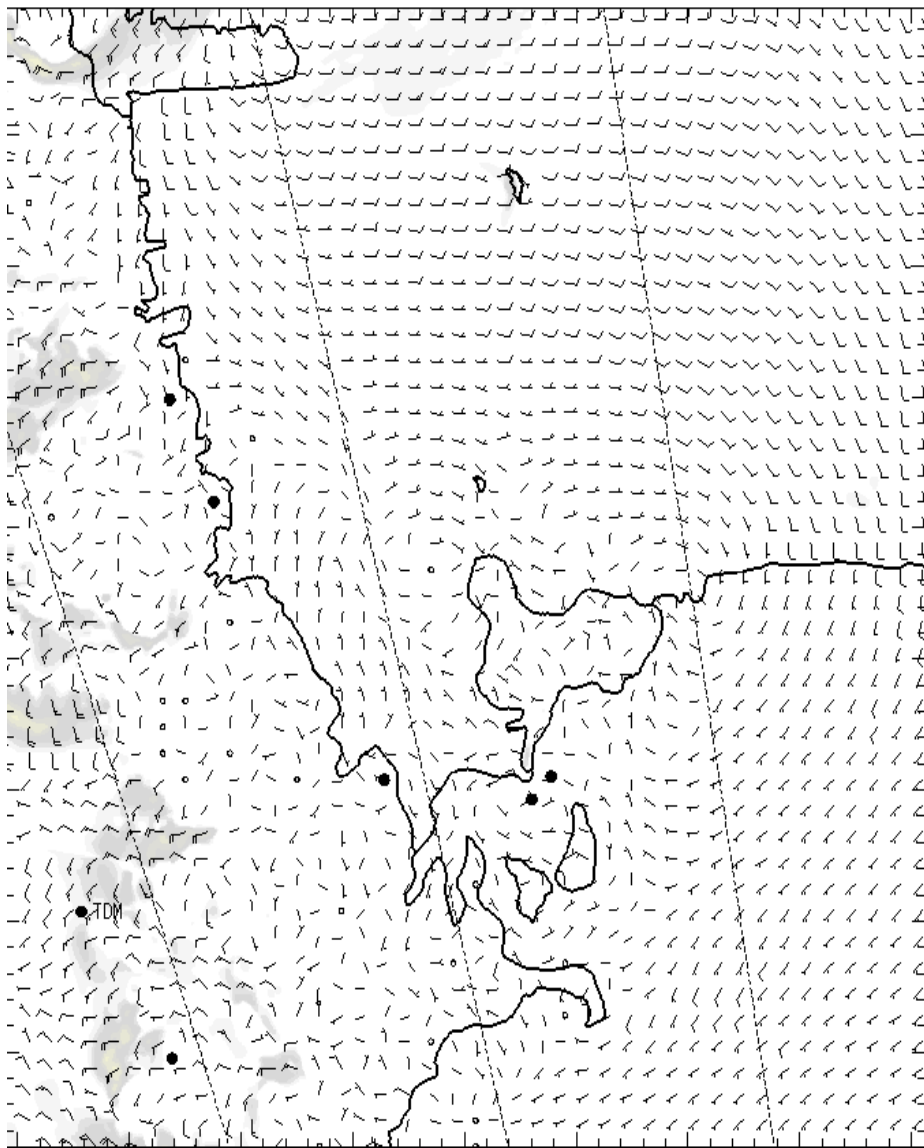
F6

SFC WIND (TRUE): VRB04KT
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): SCT035 SCT060
MIN ALSTG: 2902INS
HAZARDS: NIL

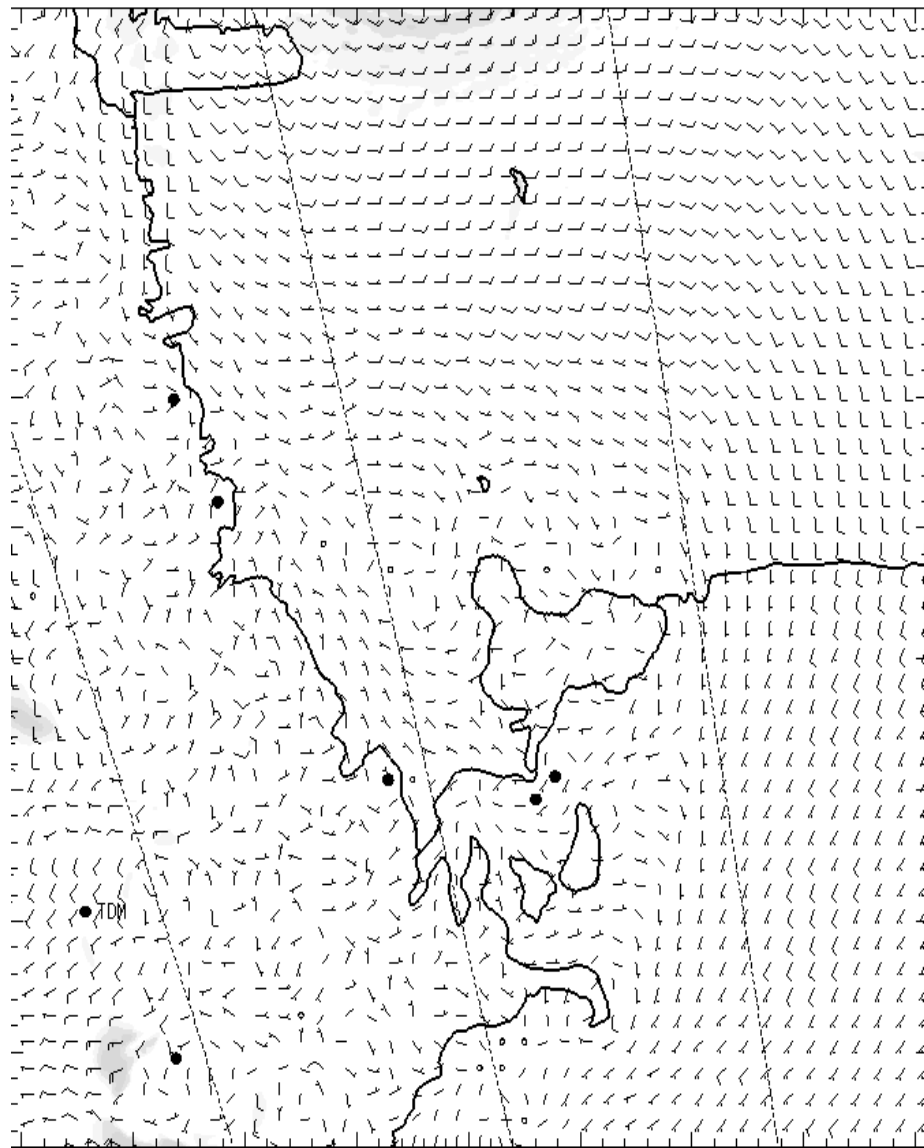
BOMBZ

SFC WIND (TRUE): SCT-BKN020 SCT-BKN 050
SFC VISIBILITY (SM): UNR
SKY CONDITION (MSL): FEW060
MIN ALSTG: 2847INS
HAZARDS: NIL

SFC

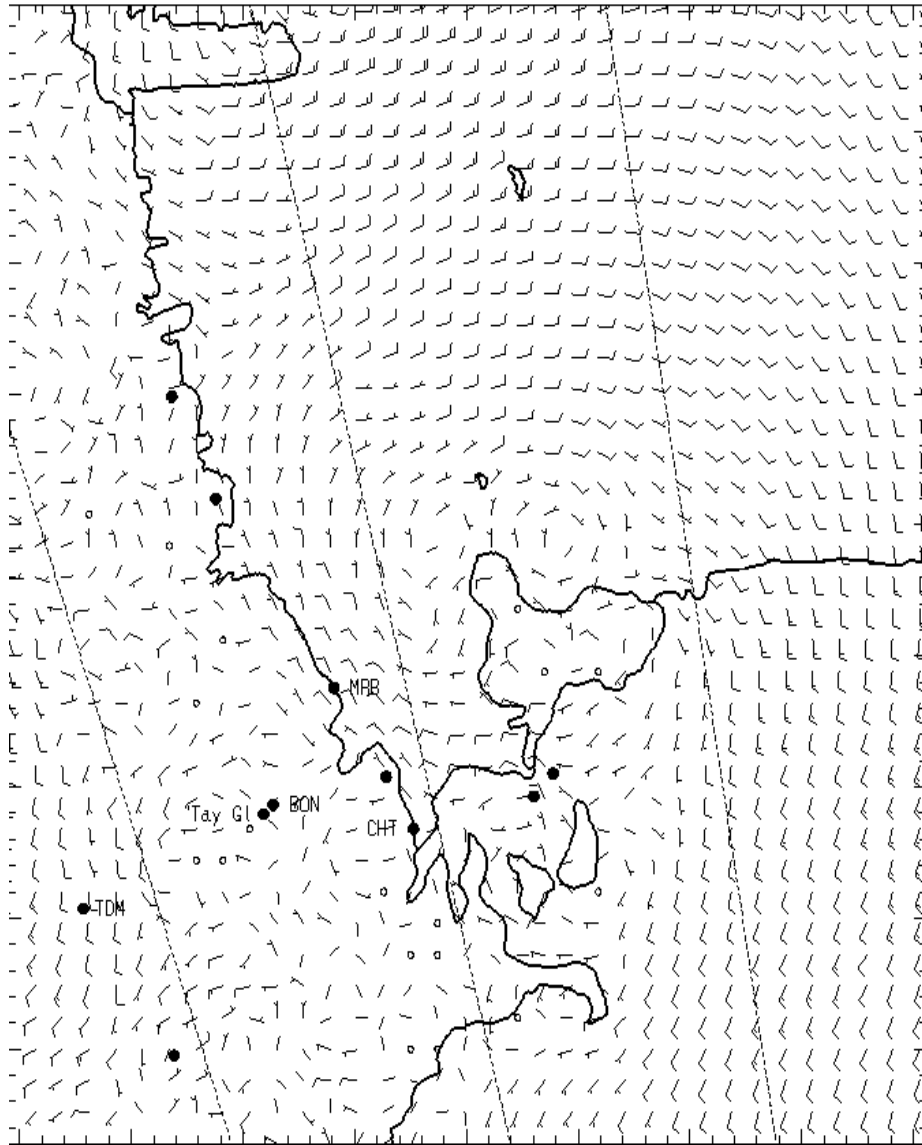


0700L

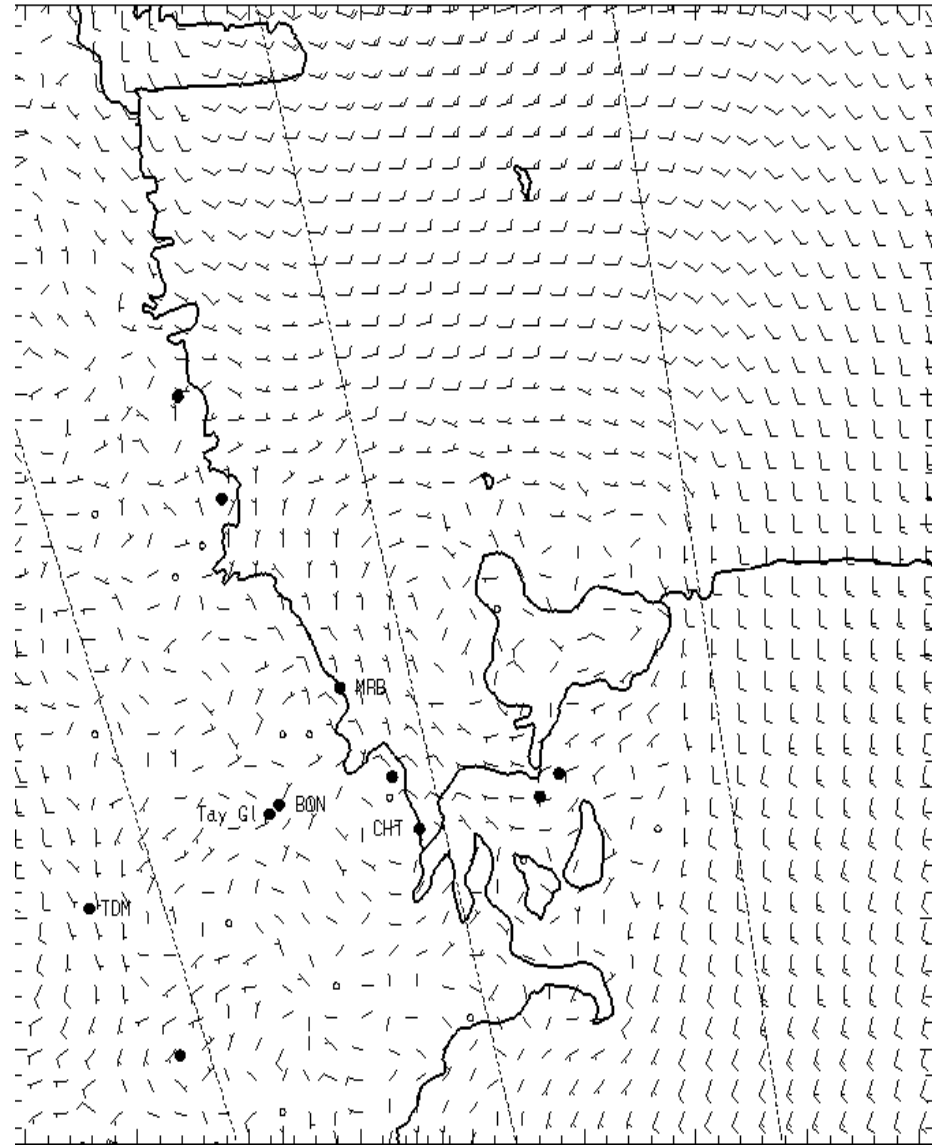


1300L

1,000 ft AGL

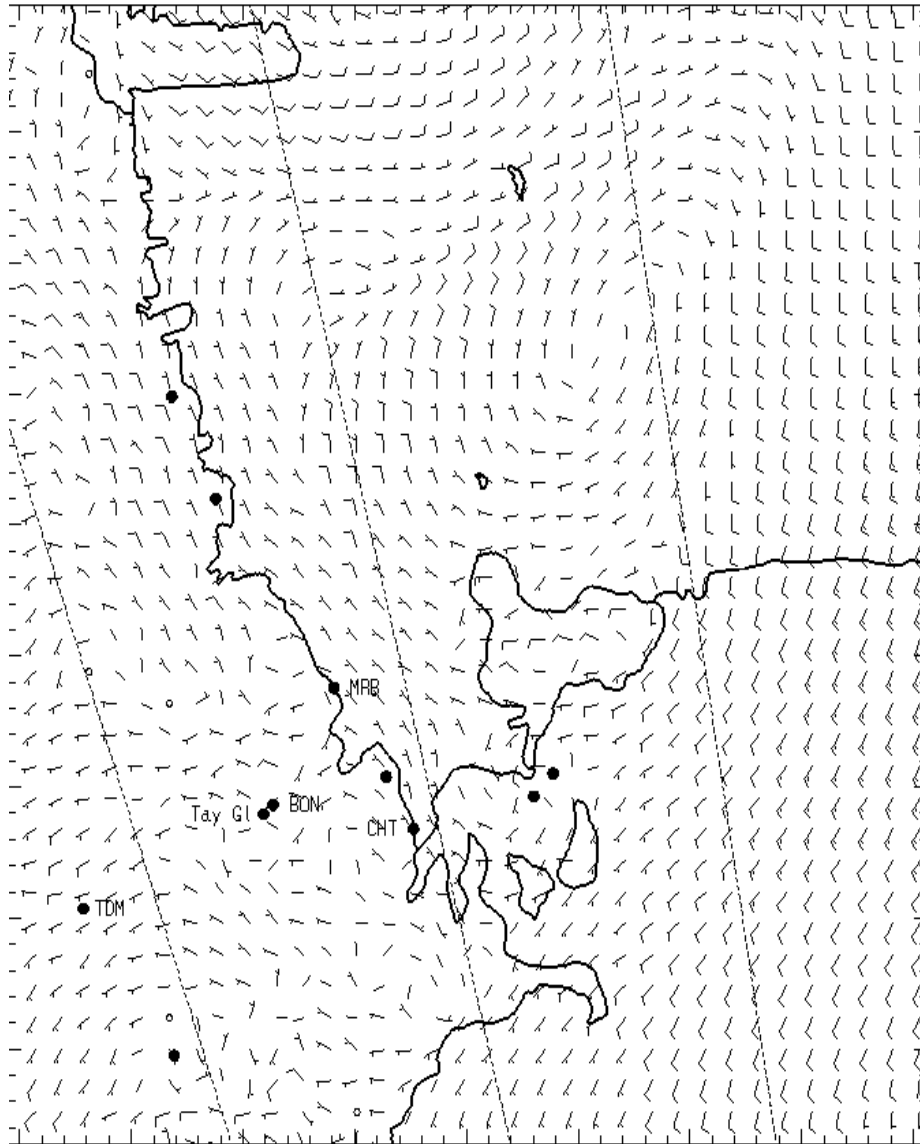


0700L

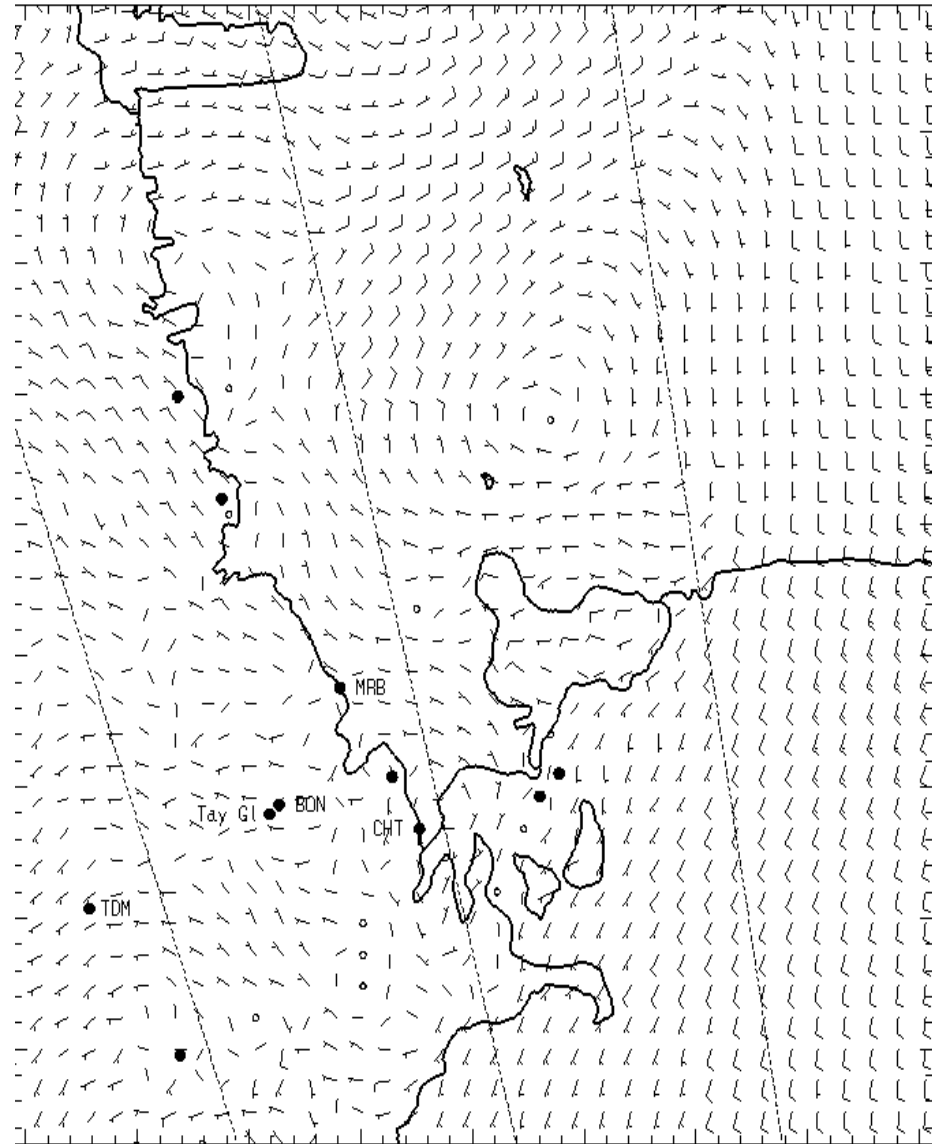


1300L

3,000 ft AGL

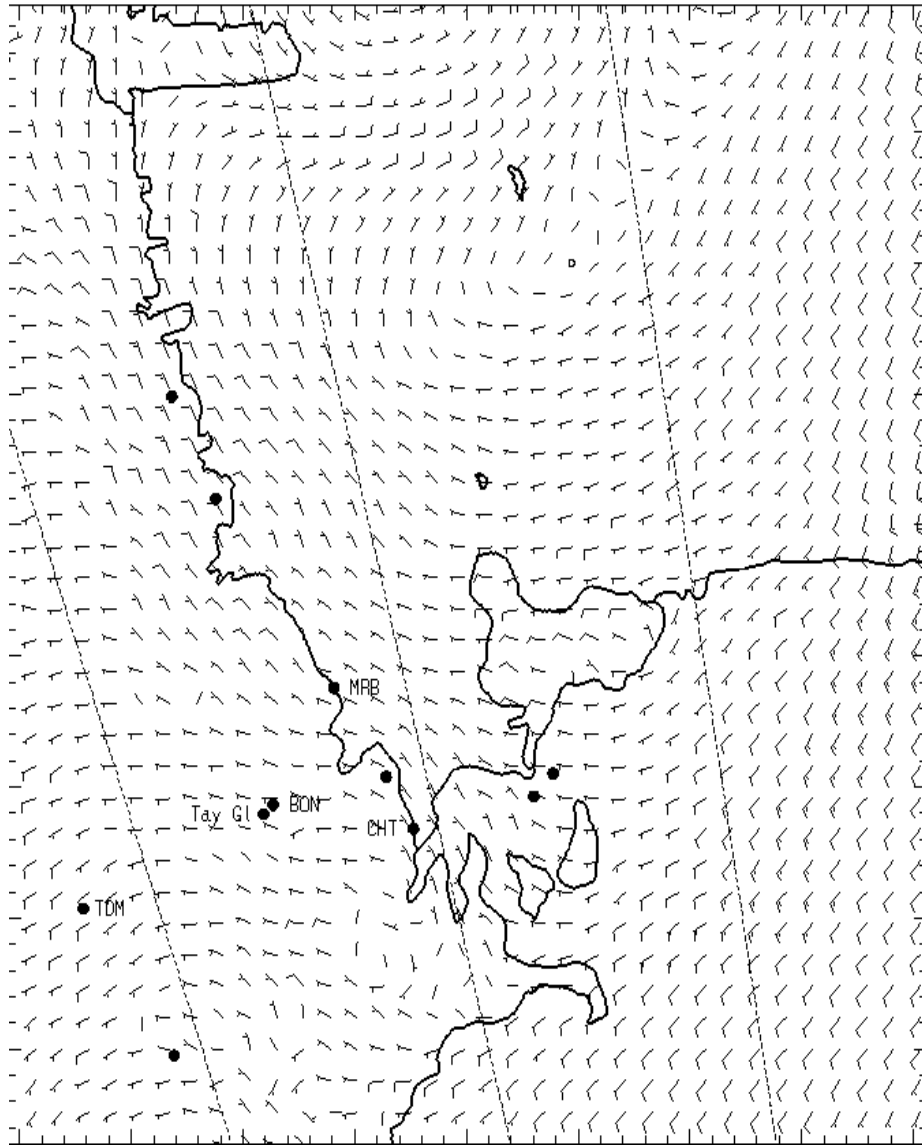


0700L

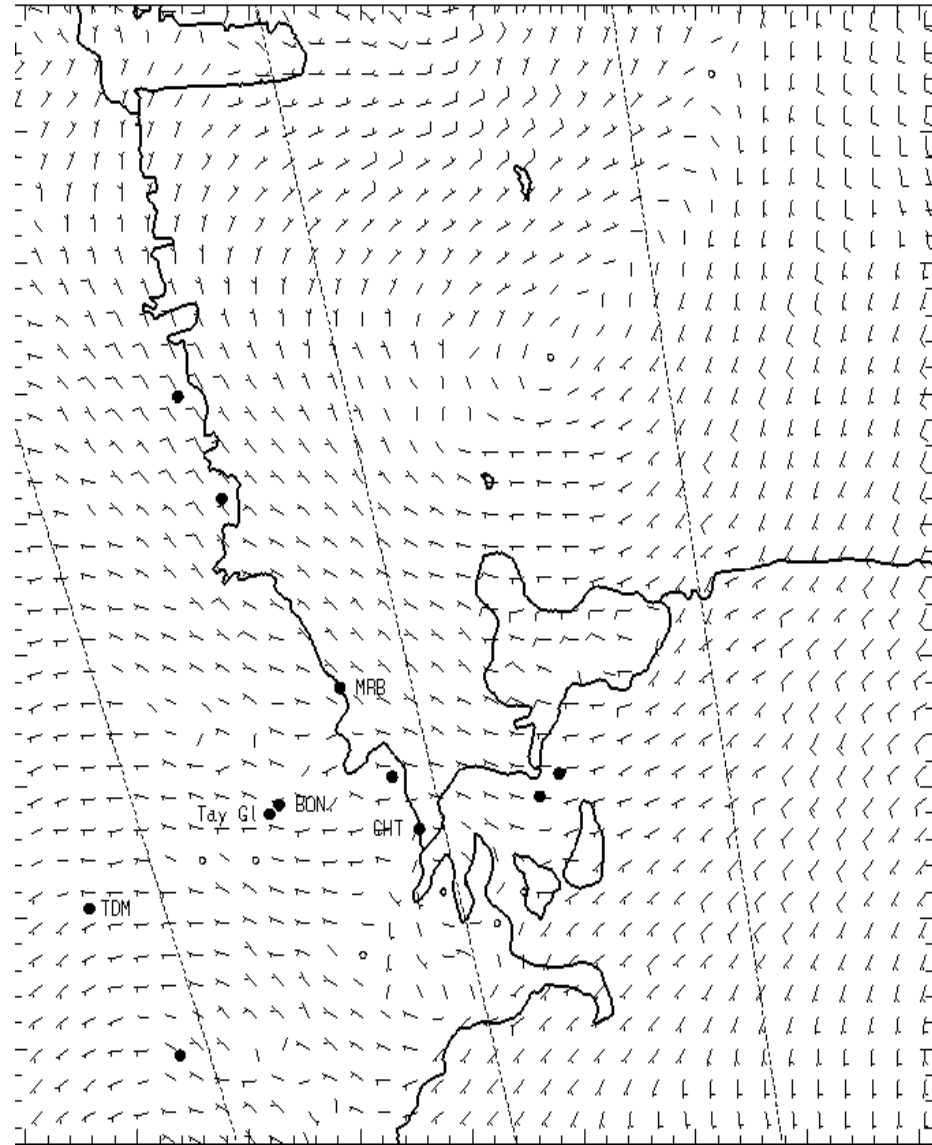


1300L

5,000 ft AGL



0700L



1300L