

## Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11.

### Tas

IDT40305

AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY TASMANIA

#### SEARCH AND RESCUE FORECAST

VALID 251727Z TO 260800Z [260327 TO 261800 LOCAL] FOR ADVENTURE BAY. 43 18S 147 22E

#### OVERVIEW:

HIGH TO SE EXTENDS A RIDGE OVER TASMANIA.

#### WIND:

##### OBSERVED:

##### SURFACE

242000Z 360/09KT  
250200Z 010/09KT  
250800Z 140/03KT (VRB)  
251400Z 360/11KT

##### FORECAST:

252000Z 340/10KT  
260200Z 010/08KT  
260800Z 140/05 (VRB)

#### CLOUD:

FEW SC 3500/6000  
BKN AC/AS ABOVE 8000.

#### WEATHER:

HZ.

#### VISIBILITY:

06KM HZ.

#### FREEZING LEVEL:

11000FT.

#### ICING:

MOD IN AC/AS.

#### TURBULENCE:

MOD IN AC.

MINIMUM QNH : 1030 AT 43 18S 147 22E

### NSW

IDN40220

AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

NEW SOUTH WALES

SEARCH AND RESCUE FORECAST

VALID 112100Z TO 120200Z [120800 TO 121300 LOCAL]

FOR COASTAL WATERS BETWEEN NORTH SOLITARY ISLAND AND COFFS HARBOUR.

OVERVIEW:

SCATTERED SHOWERS ARE EXPECTED OVER THE AREA.  
A HIGH PRESSURE SYSTEM SOUTH OF TASMANIA IS EXTENDING A RIDGE ACROSS THE SOUTHERN TASMAN SEA, DIRECTING FRESH AND MOIST NORTHEASTERLY AIRSTREAM OVER THE MIDNORTH COAST AND SURROUNDING WATERS.

WIND:

21Z SFC 050/20 1000 050/20 2000 050/20 5000 030/15

00Z SFC 050/20 1000 050/20 2000 050/20 5000 030/15

CLOUD:

FEW/SCT ST 1500/2500, BKN IN SHRA.

BKN CU/SC 2500/10000.

SCT AC/AS ABOVE 10000/15000.

WEATHER:

SHRA.

VISIBILITY:

5000M IN SHRA.

FREEZING LEVEL:

15500.

ICING:

NIL.

TURBULENCE:

N/A.

MINIMUM QNH: 1012 HPA AT 21Z.

MARINE:

SST: 26C.

SEA: ABOUT 1.5M, INCREASING TO 2M ABOUT 00Z.

SWELL: EASTERLY ABOUT 2M.

IDN40220

AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY

NEW SOUTH WALES

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

SEARCH AND RESCUE FORECAST  
VALID 241200Z TO 250600Z [242300 TO 251700 LOCAL]  
FOR AREA WITHIN 50NM OF 35 33.50S 162 17.80E.

OVERVIEW:

SLOW MOVING HIGH OVER EASTERN TASMAN SEA. TROUGH APPROACHING FORECAST AREA FROM WEST, WEAKENING. ISOLATED SHOWERS. SLIGHT RISK OF EMBEDDED THUNDERSTORMS, ALTHOUGH MORE LIKELY TO SW OF AREA

WIND:

	SFC	1000	2000	5000	10000
241200	350/13	350/15	350/15	340/15	270/10
241800	350/15	350/15	340/15	320/15	270/15
250000	350/15	340/20	340/20	320/15	270/10
250600	340/13	340/15	340/15	330/10	270/10

CLOUD:

ISOL CB 2000/35000.

SCT CU 2000/8000, BASES LOWERING TO 1000 IN PRECIPITATION.

BKN ACAS DEVELOPING ABOVE 14000, LOWERING TO 10000 BY 18Z, SCT BY 00Z.

WEATHER:

TSRA. SHRA.

VISIBILITY:

3000M IN TSRA. 5000M IN SHRA.

FREEZING LEVEL:

12500.

ICING:

SEV IN CB. MOD IN AC/AS

TURBULENCE:

SEV NEAR CB. MOD IN CU/AC.

MINIMUM QNH : 1011 HPA AT 11Z.

MARINE:

SST: APPROX 24C.

SEA: ABOUT 1M.

SWELL: SOUTHEASTERLY ABOUT 2M.

REMARKS:

PREVIOUS SFC WINDS:

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231800 270/05KT  
240000 020/05KT  
240600 340/10KT

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AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
NEW SOUTH WALES

SEARCH AND RESCUE FORECAST  
VALID 040900Z TO 041200Z [042000 TO 042300 LOCAL]  
FOR AREA ON A LINE FROM 34 25.04S 47 30.70E TO 33 22.08S 142 35.25E.

OVERVIEW:

A TROUGH MOVING THROUGH NEW SOUTH WALES CAUSED THUNDERSTORMS WITH HEAVY RAIN SOUTHWEST OF A LINE FROM YBHI TO YWOL. SFC WINDS IN THUNDERSTORMS WERE GUSTING UP TO 35KTS.

WIND:

	SFC	1000	2000	5000
040000	030/13	360/15	350/25	350/25
040300	350/15	350/15	350/25	350/25
040600	330/15	350/15	350/25	350/25
040900	270/13	350/15	350/25	350/25

CLOUD:

ISOL CB 3000/40000.  
BKN ST 1000/3000 IN PRECIPITATION.  
SCT CU 5000/12000, BKN NEAR PRECIPITATION WITH TCU TOPS TO 25000.

WEATHER:

TSRA. SHRA.

VISIBILITY:

0400M IN TSRA. 5000M IN SHRA.

FREEZING LEVEL:

16500.

ICING:

SEV IN CB/TCU.

TURBULENCE:

SEV IN CB/TCU.  
MOD IN CU.  
MOD IN THERMALS NW YHAY/YPKS.

MINIMUM QNH : 1005 HPA AT 0630Z.

MARINE:

SST: N/A

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

SEA: N/A

SWELL: N/A

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NEW SOUTH WALES

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WIND:

	SFC	1000	2000	5000
040000	030/13	360/15	350/25	350/25
040300	350/15	350/15	350/25	350/25
040600	330/15	350/15	350/25	350/25
040900	270/13	350/15	350/25	350/25

CLOUD:

ISOL CB 3000/40000.  
BKN ST 1000/3000 IN PRECIPITATION.  
SCT CU 5000/12000, BKN NEAR PRECIPITATION WITH TCU TOPS TO 25000.

WEATHER:

TSRA. SHRA.

VISIBILITY:

0400M IN TSRA. 5000M IN SHRA.

FREEZING LEVEL:

16500

ICING:

SEV IN CB/TCU.

TURBULENCE:

SEV IN CB/TCU.

MOD IN CU.

MOD IN THERMALS NW YHAY/YPKS.

MINIMUM QNH : 1005 HPA AT 0630Z.

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

MARINE:  
SST: N/A

SEA: N/A

SWELL: N/A

IDN40220  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
NEW SOUTH WALES

SEARCH AND RESCUE FORECAST  
VALID 042200Z TO 050952Z [050900 TO 052052 LOCAL]  
FOR AREA WITHIN 50NM EITHER SIDE OF A LINE BETWEEN TEMORA(34 25.4S  
147 30.7E) TO POONCARIE (33 22.1S 142 35.2E).

OVERVIEW:  
ISOLATED THUNDERSTORMS AND SCATTERED SHOWERS. SHOWERS POTENTIALLY  
INCREASING TO HEAVY W OF YHAY/YHLS AFTER 03Z. WINDS GUSTING UP TO  
35-40KT NEAR THUNDERSTORM. A TROUGH ENTERING FAR SW OF AREA 22 AT  
02Z, REACHING YMED/YHAY BY 05Z, BANCA/YPKS BY 11Z.

WIND:

A: AHEAD OF TROUGH

	SFC	1000	2000	5000
042200	360/13	330/20	330/25	330/30
050100	330/15G25	330/25	330/30	330/35
050400	330/15G25	330/25	330/30	330/35
050700	330/13G25	330/25	330/30	330/35

B: BEHIND OF TROUGH (AFTER 02Z)

	SFC	1000	2000	5000
050400	220/15G25	240/20	240/25	260/30
050700	220/15	240/20	240/25	260/30

CLOUD:

ISOL CB 6000/40000.  
BKN ST 0500/3000 IN TSRA/SHRA.  
BKN CU 4500/14000, WITH ISOL TCU 6000/25000.  
BKN AC/AS ABOVE 10000.

WEATHER:  
TSRA, SHRA.

VISIBILITY:

1000M TSRA. 2000M +SHRA, 4000M SHRA.

FREEZING LEVEL:

16500.

ICING:

SEV IN CB/TCU.  
MOD IN AC/AS.

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

TURBULENCE:  
SEV IN CB/TCU.  
MOD IN CU/AC.

MINIMUM QNH : 1006 HPA AT 0300Z.

MARINE:  
SST: N/A

SEA: N/A

SWELL: N/A

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NEW SOUTH WALES

SEARCH AND RESCUE FORECAST  
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OVERVIEW:  
ISOLATED THUNDERSTORMS AND SCATTERED SHOWERS. SHOWERS POTENTIALLY  
INCREASING TO HEAVY W OF YHAY/YHLS AFTER 03Z. WINDS GUSTING UP TO  
35-40KT NEAR THUNDERSTORM. A TROUGH ENTERING FAR SW OF AREA 22 AT  
02Z, REACHING YMED/YHAY BY 05Z, BANCA/YPKS BY 11Z.

WIND:

A: AHEAD OF TROUGH

	SFC	1000	2000	5000
042200	360/13	330/20	330/25	330/30
050100	330/15G25	330/25	330/30	330/35
050400	330/15G25	330/25	330/30	330/35
050700	330/15G25	330/25	330/30	330/35

B: BEHIND OF TROUGH (AFTER 02Z):

	SFC	1000	2000	5000
050400	220/15G25	240/20	240/25	260/30
050700	220/15	240/20	240/25	260/30

CLOUD:

ISOL CB 6000/40000.  
BKN ST 0500/3000 IN TSRA/SHRA.  
BKN CU 4500/14000, WITH ISOL TCU 6000/25000.  
BKN AC/AS ABOVE 10000.

WEATHER:  
TSRA. SHRA.

VISIBILITY:

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

1000M TSRA. 2000M +SHRA, 4000M SHRA.

FREEZING LEVEL:  
16500.

ICING:  
SEV IN CB/TCU.  
MOD IN AC/AS.

TURBULENCE:  
SEV IN CB/TCU.  
MOD IN CU/AC.

MINIMUM QNH : 1006 HPA AT 0300Z.

MARINE:  
SST: N/A

SEA: N/A

SWELL: N/A

### Queensland Marine Search and Rescue forecasts

IDQ20001  
FOR AUSSAR No 2011////  
BUREAU OF METEOROLOGY, BRISBANE FOR VICINITY OF 12 24S 149 59E  
ISSUED AT 040130Z

#### Estimated past surface winds

TIME[Z]	WIND[Knots]
031200	29005
031800	28005
040000	28010

#### Forecast surface winds

TIME[Z]	WIND[Knots]
040300	29010
040600	31005
040900	31005



Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

IDQ20001  
FOR AUSSAR No 2011////  
BUREAU OF METEOROLOGY, BRISBANE FOR VICINITY OF 08 04S 156 47E  
ISSUED AT 191300Z

Estimated past surface winds

TIME[Z]	WIND[Knots]
130000	34008
130600	34005
131200	33005
131800	33005
140000	34005
140600	35005
141200	33005
141800	35005
150000	36009
150600	36007
151200	36006
151800	35005
160000	35007
160600	35010
161200	35010
161800	35012
170000	36010
170600	34010
171200	34009
171800	35008
180000	36006
180600	35005
181200	35005
181800	34005
190000	34005
190600	35005
191200	36006

Forecast surface winds

TIME[Z]	WIND[Knots]
191800	34005
200000	30005
200600	29010
201200	30010

IDQ20001  
FOR AUSSAR No 2011/1337  
BUREAU OF METEOROLOGY, BRISBANE FOR VICINITY OF 10 35S 142 17E  
ISSUED AT 240400Z

Estimated past surface winds

TIME[Z]	WIND[Knots]
232100	23007
240300	31006

Seas to 0.7 of a metre. W/NW swell less than 1 metre.

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

Forecast surface winds	
TIME[Z]	WIND[Knots]
240600	30008
240900	32008

IDQ20001  
FOR AUSSAR No 2011/1337  
BUREAU OF METEOROLOGY, BRISBANE FOR VICINITY OF 10 35S 142 17E  
ISSUED AT 240400Z

Estimated past surface winds	
TIME[Z]	WIND[Knots]
240800	31005
241400	20002

Seas to 0.7 of a metre. W/NW swell less than 1 metre.

Forecast surface winds	
TIME[Z]	WIND[Knots]
242000	32005
250200	31010
250800	29010

IDQ20001  
FOR AUSSAR No 2011/1337  
BUREAU OF METEOROLOGY, BRISBANE FOR WITHIN 50NM OF 10 41S 142 32E  
ISSUED AT 251700Z

Estimated past surface winds	
TIME[Z]	WIND[Knots]
251000	31008
251300	30005
251600	31007

Seas to 0.8 of a metre. W/NW swell less than 1 metre.

Forecast surface winds	
TIME[Z]	WIND[Knots]
252000	29012
252300	29010
260200	29010
260500	29008
260800	29008
261100	31008

IDQ20001  
FOR AUSSAR No 2011/1337  
BUREAU OF METEOROLOGY, BRISBANE FOR WITHIN 50NM OF 10 41S 142 32E  
ISSUED AT 261230Z

Estimated past surface winds

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

TIME[Z]	WIND[Knots]
260600	30010
260900	30010
261200	31008

Seas to 0.8 of a metre. W/NW swell to 1.5 metres.

Forecast surface winds

TIME[Z]	WIND[Knots]
262000	33012
262300	32010
270200	32010
270500	31008
270800	15005
271100	12008

IDQ20001

FOR AUSSAR No 2011/1337

BUREAU OF METEOROLOGY, BRISBANE FOR WITHIN 50NM OF 10 41S 142 32E  
ISSUED AT 271640Z

Estimated past surface winds

TIME[Z]	WIND[Knots]
260900	30005
261200	VRB05
261500	36008

Seas to 0.8 of a metre. W/NW swell to 1.5 metres.

Forecast surface winds

TIME[Z]	WIND[Knots]
262000	02008
262300	03008
270200	05008
270500	07010
270800	07010
271100	08008

IDQ20001

FOR AUSSAR for search aircraft VH-WZU

BUREAU OF METEOROLOGY, BRISBANE FOR WITHIN 10NM OF HORN ISLAND AREA  
DROME FOR  
THE PERIOD 232100UTC TO 232300UTC. ISSUED AT 280300Z

Estimated winds

TIME[Z]	WIND[Knots]
232100	00000
232200	00000
232300	00000

NOTE CALM CONDITIONS AT THE TIME NEAR HORN ISLAND BUT IN A LARGER AREA  
THE

OVERALL FLOW IS WEAK, PROBABLY NW AT 5 KNOTS.

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

Seas to 0.5 of a metre. W/NW swell, less than 1 metre.  
Isolated showers or thunderstorms in the area.

IDQ20001  
FOR AUSSAR for search aircraft VH-WZU

BUREAU OF METEOROLOGY, BRISBANE FOR WITHIN 50NM OF HORN ISLAND FOR THE PERIOD  
282100UTC TO 010900UTC. ISSUED AT 281835Z

Estimated winds  
TIME[Z] WIND[Knots]  
282100 06006  
010000 02005  
010300 02006  
010600 35006  
010900 07005

Seas to 0.5 of a metre. W/NW swell, less than 1 metre.  
Scattered showers, isolated thunderstorms near and west of the island.  
Isolated  
showers east of the island.

IDQ20001  
FOR AUSSAR for search aircraft VH-WZU

ISSUED BY BUREAU OF METEOROLOGY, BRISBANE FOR AREA IN THE VICINITY OF  
17-36S  
146-26E FOR THE PERIOD 221100UTC TO 230800UTC. ISSUED AT 221030Z

Surface wind observed [in knots] at South Johstone at 221000UTC: 26002

Estimated winds  
TIME[Z] WIND[Knots]  
221100 33009  
221700 34006  
222300 23003  
230500 26008

Seas to 0.7 of a metre. W/NW swell, less than 1 metre.  
Isolated showers. Possible isolated thunderstorms near the coast,  
chiefly after  
230200UTC.

IDQ20001  
FOR AUSSAR for overdue dinghy "land ho"

ISSUED BY BUREAU OF METEOROLOGY, BRISBANE FOR AREA IN THE VICINITY OF  
21 19S 149  
41E FOR THE PERIOD 232200 UTC TO 271000UTC. ISSUED AT 261150 UTC

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

Estimated actual winds

TIME[Z]	WIND[Knots]
232200	32010
240400	34011
241000	32007
241600	20004
242200	28006
250400	15009
251000	16014
251600	17012
252200	17013
260400	16020
261000	15021

Forecast winds

TIME[Z]	WIND[Knots]
261600	15020
262200	15024
270400	15027
271000	15027

Waves approximately 1.7m at 261145 UTC, expected to rise to 2m by 262200 UTC, and to 2.3m by 270400UTC. Isolated showers.  
Sea Surface Temperature: 27C.

IDQ20001

FOR AUSSAR for overdue dinghy "land ho"

ISSUED BY BUREAU OF METEOROLOGY, BRISBANE FOR AREA IN THE VICINITY OF MACKAY TO HAMILTON ISLAND AND SEWARD TO 150E FOR THE PERIOD 232200 UTC TO 281000UTC.

ISSUED AT 271140 UTC

\*\* some "actual" winds have been re-estimated since the last issue \*\*

Estimated actual winds

TIME[Z]	WIND[Knots]
232200	32010
240400	34011
241000	01007
241600	11004
242200	13010
250400	15009
251000	16012
251600	17012
252200	17013
260400	16021
261000	15021
261600	16022
262200	15024

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

270400 15027  
271000 14027

Forecast winds

TIME[Z]	WIND[Knots]
271600	13026
272200	12026
280400	11027
281000	11027

Waves approximately 2.5-3.0m.  
Sea Surface Temperature: 27C.

IDQ20001

FOR AUSSAR for overdue dinghy "land ho"  
BUREAU OF METEOROLOGY, BRISBANE

FOR AREA IN THE VICINITY OF MACKAY TO HAMILTON ISLAND AND SEAWARD TO 150E.

ISSUED AT 280300 UTC

Estimated actual winds

TIME[Z]	WIND[Knots]
271500	11026
272100	12026
280300	12026

Forecast winds

TIME[Z]	WIND[Knots]
280900	11026

Waves approximately 2.5-3.0m.  
Sea Surface Temperature: 27C.

IDQ20001

FOR AUSSAR 2011/2095 Overdue dinghy "Land Ho" Sarina  
BUREAU OF METEOROLOGY, BRISBANE

FOR AREA IN THE VICINITY OF MACKAY TO HAMILTON ISLAND AND SEAWARD TO 150E.

ISSUED AT 281400 UTC

Estimated actual winds

TIME[Z]	WIND[Knots]
282000	12026
280200	12027
280800	11026
281400	12025

Forecast winds

TIME[Z]	WIND[Knots]
282000	11028
290200	10028

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

290800 11027  
291400 12026

Waves approximately 3.0 metres.  
Sea Surface Temperature: 27C.

IDQ20001  
FOR AUSSAR 2011/2380  
BUREAU OF METEOROLOGY, BRISBANE

FOR AREA IN THE VICINITY OF 14 35S 152 42E.  
ISSUED AT 070250 UTC

Estimated actual winds  
TIME[Z] WIND[Knots]  
070130 13027

Seas up to 3 metres on a 2 metre SE swell.

Forecast winds  
TIME[Z] WIND[Knots]  
070700 12027

IDQ20001  
FOR AUSSAR 2011/2380  
BUREAU OF METEOROLOGY, BRISBANE

FOR AREA IN THE VICINITY OF 14 35S 152 42E.  
ISSUED AT 071445 UTC

Estimated actual winds  
TIME[Z] WIND[Knots]  
070100 10015  
070400 11015  
070700 11015  
071000 11015  
071300 11020

Seas on average around 2 metres with a 3 metre SE swell.  
Sea surface temperature around 29 degrees.

Forecast winds  
TIME[Z] WIND[Knots]  
071500 11020  
071800 11020  
072100 11020  
080000 11020  
080300 11020  
080600 10020  
080900 10020

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

IDQ20001  
FOR AUSSAR 2011/2380  
BUREAU OF METEOROLOGY, BRISBANE

FOR AREA IN THE VICINITY OF 14 35S 152 42E.  
ISSUED AT 072300 UTC

Latest observation [estimated] at 072200UTC from area: 045/10 knots.

WEATHER SITUATION: Active near stationary monsoon trough located from 12S 145E to near 14S 150E to 15S 160E. The trough is not expected to move significantly in the next 12 to 24 hours. Please note that the forecast area is very close to the trough position, with much stronger winds occurring to the south of the trough.

Forecast winds within 20NM of trough:

TIME[Z]	WIND[Knots]
080000	06010
080600	06010
081200	10012
081800	10012
090000	09012
090600	09012
091200	09012
091800	09012

Seas on average around 1.2 metres with a 2.5 metre SE'ly swell. Sea surface temperature around 29 degrees

Forecast winds elsewhere south of trough:

TIME[Z]	WIND[Knots]
080000	12025
080600	12025
081200	12025
081800	12025
090000	12025
090600	12025
091200	12025
091800	12020

Seas on average around 3 metres with a 3 metre SE'ly swell.  
Sea surface temperature around 29 degrees.

IDQ20001  
FOR AUSSAR 2011/2428  
BUREAU OF METEOROLOGY, BRISBANE



Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

FOR AREA IN THE VICINITY OF 24 00S 153 30E.  
ISSUED AT 091200 UTC

Estimated actual winds

TIME [Z]	WIND [Knots]
090400	10017
091000	11017

Seas on average around 1.7 metres with a 2 metre SE'ly swell.

Forecast winds:

TIME [Z]	WIND [Knots]
091200	11017
091800	12013
100000	12013
100600	10012
101200	07012

Seas on average around 1.4 metres with a 1.5 metre SE'ly swell. Sea surface temperature around 26 degrees. Isolated showers [visibility reducing to around 3000M in showers].

IDQ20001  
FOR AUSSAR 2011/2428  
BUREAU OF METEOROLOGY, BRISBANE

FOR AREA IN THE VICINITY OF 24 00S 153 30E.  
ISSUED AT 100000 UTC

Estimated actual winds

TIME [Z]	WIND [Knots]
092000	13017
092300	12015

Seas on average around 2 metres with a 1.5 to 2 metre SE'ly swell.

Forecast winds:

TIME [Z]	WIND [Knots]
100300	12013
100600	11012
100900	10012
101200	10012
101500	08010

Seas on average around 1.6 metres with a 1.5 metre SE'ly swell. Sea surface temperature around 26 degrees. Isolated showers [visibility reducing to around 3000M in showers].

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

IDQ20001  
FOR AUSSAR 2011/3370  
BUREAU OF METEOROLOGY, BRISBANE  
  
FOR AREA IN THE VICINITY OF 10 30S 141 40E.  
ISSUED AT 100000 UTC

Estimated actual winds  
TIME [Z] WIND [Knots]  
171400 13022  
172000 13022  
180200 13026  
180800 13026

Seas on average around 2.5 metres with a 1.5 metre SE'ly swell.

Forecast winds:

TIME [Z] WIND [Knots]  
181100 13020  
181700 13020  
182300 13022  
190500 12018  
191100 13020

Seas on average around 2.2 metres with a 1.5 metre SE'ly swell. Sea surface temperature around 27 degrees. Very isolated showers [visibility reducing to around 4000M in showers].

IDQ20001  
FOR AUSSAR 2011/3528  
BUREAU OF METEOROLOGY, BRISBANE  
  
FOR AREA IN THE VICINITY OF 15 10S 145 30E.  
ISSUED AT 251700 UTC

Observed winds at Cape Flattery  
TIME [Z] WIND [Knots]  
251600 14014

Estimated offshore winds  
TIME [Z] WIND [Knots]  
251600 14022

Forecast winds:

TIME [Z] WIND [Knots]  
252100 15025  
260300 15025  
260900 15020

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

261500 15020  
262100 14020

Seas on average around 2.2 metres with a 1.5 to 2.0 metre SE'ly swell.  
Sea surface temperature around 25 degrees. No precipitation expected.

**Victoria – none issued during the period**

**WA**

IDW43500  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
WESTERN AUSTRALIA  
  
SEARCH AND RESCUE FORECAST  
VALID 202000Z TO 211200Z [210400 TO 212000 LOCAL]  
FOR 140NM SW OF CAPE LEEUWIN.

OVERVIEW:  
STRATOCUMULUS DECK.

WIND:  
3000 5000 7000 10000  
090/20 060/15 010/15 360/10 PS06

CLOUD:  
BKN SC 3000/6000.

WEATHER:  
NIL SIGNIFICANT.

VISIBILITY:  
GOOD.

FREEZING LEVEL:  
13000FT.

ICING:  
NIL SIGNIFICANT.

TURBULENCE:  
NIL SIGNIFICANT.

MINIMUM QNH : 1014HPA AT 211200Z

MARINE:  
SST: 22C

SEA: STATE: MODERATE

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

HEIGHT: TO 1.5M  
DIRECTION: FROM THE E

SWELL: STATE: MODERATE  
HEIGHT: TO 3.0M  
DIRECTION: FROM THE SW

REMARKS:  
SURFACE WINDS:  
201800UTC: 110/20  
210000UTC: 090/15  
210600UTC: 110/20  
211200UTC: 130/20

IDW43500  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
WESTERN AUSTRALIA

SEARCH AND RESCUE FORECAST  
VALID 220300Z TO 221200Z [221100 TO 222000 LOCAL]  
FOR 25NM OFF CORAL BAY.

OVERVIEW:  
BROKEN LOW CLOUD COAST AFTER 12Z.

WIND:  
3000 5000 7000 10000  
060/10 060/10 030/10 010/10 PS10  
WINDS AT 3000 TENDING 270/15 AFTER 06Z.

CLOUD:  
BKN ST 1000/3000 COAST AFTER 12Z.

WEATHER:  
NIL SIGNIFICANT.

VISIBILITY:  
GOOD.

FREEZING LEVEL:  
16500FT.

ICING:  
NIL SIGNIFICANT.

TURBULENCE:  
NIL SIGNIFICANT.

MINIMUM QNH : 1006HPA AT 220300Z

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

MARINE:  
SST: 30C

SEA: STATE: SLIGHT  
HEIGHT: TO 1.0M  
DIRECTION: FROM THE SW

SWELL: STATE: MODERATE  
HEIGHT: 1.5M TO 2.0M  
DIRECTION: FROM THE SW

REMARKS:  
SURFACE WINDS:  
220300UTC: VRB/10  
220060UTC: 280/15  
221200UTC: 270/15

IDW43500  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
WESTERN AUSTRALIA  
  
SEARCH AND RESCUE FORECAST  
VALID 020300Z TO 030300Z [021100 TO 031100 LOCAL]  
FOR FRENCHMAN BAY, ALBANY AREA

OVERVIEW:  
LOW CLOUD DEVELOPING AFTER 15Z UNTIL 24Z.

WIND:  
3000 5000 7000 10000  
060/20 060/15 070/15 010/10 PS06  
WINDS AT ALL LEVELS TENDING 020/10.

CLOUD:  
BKN ST 1000/2500 AFTER 15Z TILL 24Z.  
BKN SC 3500/5000, SCT AFTER 07Z.

WEATHER:  
NIL SIGNIFICANT.

VISIBILITY:  
GOOD.

FREEZING LEVEL:  
13500FT.

ICING:  
NIL SIGNIFICANT.

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

TURBULENCE:  
NIL SIGNIFICANT.  
  
MINIMUM QNH : 1026HPA AT 021400Z

MARINE:  
SST: 23C

SEA: STATE: SLIGHT  
HEIGHT: 1.0M RISING TO 1.5M  
DIRECTION: FROM THE E

SWELL: STATE: LOW  
HEIGHT: TO 1.5M  
DIRECTION: FROM THE ENE

REMARKS:  
SURFACE WINDS:  
020300UTC: 080/15  
020060UTC: 080/20  
021200UTC: 060/20  
022100UTC: 030/15

IDW43500  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
WESTERN AUSTRALIA  
  
SEARCH AND RESCUE FORECAST  
VALID 030000Z TO 032400Z [030800 TO 040800 LOCAL]  
FOR FRENCHMAN BAY, ALBANY AREA.

OVERVIEW:  
GOOD CONDITIONS

WIND:  
3000 5000 7000 10000  
030/20 010/15 010/10 360/10 PS05

CLOUD:  
BKN SC 3000/5000 WELL OFFSHORE, SCT AFTER 05Z.

WEATHER:  
NIL SIGNIFICANT.

VISIBILITY:  
GOOD.

FREEZING LEVEL:  
13000FT.

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

ICING:  
NIL SIGNIFICANT.

TURBULENCE:  
NIL SIGNIFICANT.

MINIMUM QNH : 1026HPA AT 022330Z

MARINE:  
SST: 23C

SEA: STATE: SLIGHT  
HEIGHT: 1.5M  
DIRECTION: FROM THE ENE

SWELL:  
STATE: LOW  
HEIGHT: TO 2.0M  
DIRECTION: FROM ENE (1.0-1.5M) INSIDE THE BAY. FROM THE SW OUTSIDE THE BAY OPEN OCEAN.

REMARKS:  
SURFACE WINDS:  
020000UTC: 040/20 GUSTING 30  
020060UTC: 080/25 GUSTING 35  
021200UTC: 060/25 GUSTING 35  
021800UTC: 040/15 GUSTING 20

IDW43500  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
WESTERN AUSTRALIA  
  
SEARCH AND RESCUE FORECAST  
VALID 271815Z TO 280300Z [280215 TO 281100 LOCAL]  
FOR 60NM OF ASHMORE REEF.

OVERVIEW:  
GOOD CONDITIONS.

WIND:  
3000 5000 7000 10000  
090/20 100/25 090/15 090/05 PS05

CLOUD:  
NIL SIGNIFICANT.

WEATHER:  
NIL SIGNIFICANT.

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

VISIBILITY:  
GOOD.

FREEZING LEVEL:  
15000FT.

ICING:  
NIL SIGNIFICANT.

TURBULENCE:  
NIL SIGNIFICANT.

MINIMUM QNH : 1008HPA AT 272400Z

MARINE:  
SST: 29C

SEA: STATE: MOD  
HEIGHT: 2.0M  
DIRECTION: FROM THE E

SWELL: STATE: LOW  
HEIGHT: TO 1.5M  
DIRECTION: FROM E

REMARKS:

IDW43510  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
WESTERN AUSTRALIA

SEARCH AND RESCUE FORECAST  
VALID 240700Z TO 250100Z [241500 TO 250900 LOCAL]  
FOR WEST OF CERVANTES [30.5S 114.2E].

OVERVIEW:  
NIL SIGNIFICANT WEATHER.

WIND:

	SURF	3000	5000	7000	10000
240700Z	080/10	070/10	080/10	090/10	VRB/05
241000Z	100/10	090/10	090/10	090/10	VRB/05
241300Z	100/10	100/10	100/15	100/10	360/05
241600Z	090/15	090/10	090/15	100/10	340/05
241900Z	090/15	090/10	090/10	100/10	330/10
242200Z	070/25	080/10	090/10	140/15	310/05
250100Z	070/20	070/15	090/10	140/15	310/05

CLOUD:



Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

SCT SC 3000/6000.

WEATHER:  
NIL SIGNIFICANT.

VISIBILITY:  
GOOD.

FREEZING LEVEL:  
11000FT.

ICING:  
NIL SIGNIFICANT.

TURBULENCE:  
NIL SIGNIFICANT.

MINIMUM QNH : 1022 AT 1800Z

MARINE:  
SST: 23.0 DEG C.

SEA: SEAS TO 1.0M.

SWELL: SWELL TO 1.5M.

REMARKS:

IDW43500  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
WESTERN AUSTRALIA

SEARCH AND RESCUE FORECAST  
VALID 270300Z TO 271200Z [271100 TO 272000 LOCAL]  
FOR 60NM AROUND 20 22S 109 54E.

OVERVIEW:  
ISOLATED SHOWERS.

WIND:  
1000 3000 5000 7000 10000  
100/10 120/15 100/10 VRB/10 VRB/05 PS11

CLOUD:  
BKN ST 0500/1000 IN SHRA.  
SCT CU/SC 2500/5000, BKN NEAR SHRA.

WEATHER:  
SHRA.

VISIBILITY:

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

3000M IN SHRA.  
FREEZING LEVEL:  
16000FT.  
ICING:  
NIL SIGNIFICANT.  
TURBULENCE:  
MOD IN CU.  
MINIMUM QNH : 1010HPA AT 270900Z  
MARINE:  
SST: 27C  
SEA: STATE: SLIGHT  
HEIGHT: 1.0M  
DIRECTION: FROM THE E  
SWELL: STATE: MOD  
HEIGHT: TO 2.5M  
DIRECTION: FROM SW  
REMARKS:  
OBSERVED SURFACE WINDS:  
251600UTC 100/15KT  
252200UTC 100/15KT  
260400UTC 090/10KT  
261000UTC 080/10KT  
261600UTC 080/10KT  
262200UTC 090/15KT  
FORECAST SURFACE WINDS:  
270400UTC 100/15KT  
271000UTC 110/15KT

IDW43500  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
WESTERN AUSTRALIA  
SEARCH AND RESCUE FORECAST  
VALID 272300Z TO 281100Z [280700 TO 281900 LOCAL]  
FOR 60NM AROUND 20 22S 109 54E.  
OVERVIEW:  
GOOD CONDITIONS.  
WIND:

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

1000 3000 5000 7000 10000  
100/10 120/15 100/10 VRB/10 VRB/05 PS11

CLOUD:  
SCT SC 3000/6000.

WEATHER:  
NIL SIGNIFICANT.

VISIBILITY:  
GOOD.

FREEZING LEVEL:  
16000FT.

ICING:  
NIL SIGNIFICANT.

TURBULENCE:  
NIL SIGNIFICANT.

MINIMUM QNH : 1014HPA AT 280600Z

MARINE:  
SST: 26C

SEA: STATE: SLIGHT  
HEIGHT: 1.0M  
DIRECTION: FROM THE E

SWELL: STATE: LOW  
HEIGHT: TO 1.5M  
DIRECTION: FROM SSW

REMARKS:  
OBSERVED SURFACE WINDS:  
261600UTC 180/10KT  
262200UTC 090/10KT  
270400UTC 110/10KT  
271000UTC 180/10KT

FORECAST SURFACE WINDS:  
271700UTC 120/10KT  
272300UTC 090/10KT  
280500UTC 100/10KT  
281100UTC 100/10KT

IDW43500  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

WESTERN AUSTRALIA

SEARCH AND RESCUE FORECAST

VALID 280850Z TO 290850Z [281650 TO 291650 LOCAL]

FOR VICINITY OF 34 18.0S - 088 55E

OVERVIEW:

COLD FRONT CONTRACTING EASTWARDS AWAY FROM AREA.

WIND:

1000	3000	5000	7000	10000
220/25	220/25	220/25	200/30	200/30 MS02

CLOUD:

BKN ST 1000/3000 IN SHRA.

BKN CU/SC 3000/10000 [ISOL TOPS TO 15000FT].

WEATHER:

SHOWERS OF RAIN.

VISIBILITY:

3000M IN SHRA.

FREEZING LEVEL:

7000FT.

ICING:

MOD IN CU.

TURBULENCE:

MOD IN CU.

MINIMUM QNH : 1012HPA AT 280900Z

MARINE:

SST: 16C

SEA: STATE: ROUGH.

HEIGHT: TO 3.0M

DIRECTION: FROM THE SW.

SWELL: STATE: MODERATE.

HEIGHT: TO 4.0M.

DIRECTION: FROM SSW.

REMARKS:

ESTIMATED PAST SURFACE WINDS:

270900UTC 260/25KT

271500UTC 260/25KT

272100UTC 240/25KT

280300UTC 220/20KT

FORECAST SURFACE WINDS:

280900UTC 220/20KT

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

281500UTC	200/20KT
282100UTC	180/15KT
280300UTC	240/15KT
280900UTC	260/15KT
281200UTC	270/15KT

NT

IDD41100  
AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
DARWIN

SEARCH AND RESCUE FORECAST  
VALID 192300Z TO 200900Z [200830 TO 201830 LOCAL]  
FOR 11 48'S 119 14'E.

OVERVIEW:  
ISOLATED SHOWERS AND THUNDERSTORMS.

WIND:  
SFC 2000 5000 7000 10000  
200/10 220/10 VRB/10 VRB/10 VRB/10  
REMARK: WINDS TENDING 100/10 KT S OF YUVE/BELKI AT ALL LEVELS

CLOUD:  
ISOL CB 2000/45000.  
BKN ST 1000/2000 WITH TSRA, SHRA.  
SCT CU 2000/16000, ISOL TOPS TO 25000.

WEATHER:  
TSRA, SHRA.

VISIBILITY:  
1000M IN TSRA.  
4000M IN SHRA.

FREEZING LEVEL:  
16500FT.

ICING:  
SEV IN CB.  
MOD IN CU TOPS ABOVE FZL.

TURBULENCE:  
SEV WITH CB.  
MOD WITH CU.

MINIMUM QNH : 1007 HPA AT 200100Z

MARINE:

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

SST: 30 DEGREES

SEA: TO 1M

SWELL: 1M

REMARKS:

WINDS LAST 12 HOURS:

19/1100Z: VRB/10KT

19/1400Z: VRB/10KT

19/1700Z: VRB/10KT

19/2000Z: VRB/10KT

FORECAST WINDS AND SEAS NEXT 12 HOURS:

20/0200Z: 270/10KT SEAS: TO 1M SWELL: 1M

20/0500Z: 290/10KT SEAS: TO 1M SWELL: 1M

20/0800Z: 290/10KT SEAS: TO 1M SWELL: 1M

20/1100Z: 290/08KT SEAS: TO 1M SWELL: 1M

20/1400Z: 270/08KT SEAS: TO 1M SWELL: 1M

REMARK: INSHORE AFTERNOON SEA BREEZES 10/15 KNOTS

IDD41100

AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY  
DARWIN

SEARCH AND RESCUE FORECAST

VALID 201900Z TO 210700Z [210430 TO 211630 LOCAL]

FOR DARWIN, VERNON ISLANDS AND THE TIWI ISLANDS.

OVERVIEW:

ISOLATED SHOWERS AND THUNDERSTORMS. THUNDERSTORMS MOST LIKELY TO OCCUR AFTER 03Z AND SHOWERS MAY BECOME SCATTERED FROM THIS TIME.

WIND:

SFC	2000	5000	7000	10000
330/10	320/15	300/15	300/15	310/15

CLOUD:

ISOL CB 2000/45000.

BKN ST 1000/2000 WITH TSRA/SHRA.

SCT CU 2000/15000, ISOL TOPS TO 26000.

AREAS BKN AC/AS ABOVE 10000 WITH TS.

WEATHER:

TSRA, SHRA.

VISIBILITY:

1000M IN TSRA.

3000M IN SHRA.

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

FREEZING LEVEL:  
16000FT.

ICING:  
SEV IN CB.  
MOD IN CLOUD ABOVE FZL.

TURBULENCE:  
SEV WITH CB.  
MOD WITH CU/AC.

MINIMUM QNH : 1004 HPA AT 210700Z

MARINE:  
SST: 29-30 DEGREES

SEA: TO 1M

SWELL: <0.5M

REMARKS:  
WINDS LAST 12 HOURS:  
20/1900Z: 320/07KT  
20/1600Z: 010/07KT  
20/1300Z: 240/05KT  
20/1000Z: 350/08KT  
20/0700Z: 330/10KT

FORECAST WINDS AND SEAS NEXT 12 HOURS:  
20/2200Z: 360/07KT SEAS: TO 1M SWELL: <0.5M  
21/0100Z: 340/10KT SEAS: TO 1M SWELL: <0.5M  
21/0400Z: 340/10KT SEAS: TO 1M SWELL: <0.5M  
21/0700Z: 340/10KT SEAS: TO 1M SWELL: <0.5M

SEARCH AND RESCUE FORECAST  
ISSUED BY THE BUREAU OF METEOROLOGY, DARWIN  
VALID 111200 UTC TO 120400 UTC  
FOR AREA WITHIN 60 NAUTICAL MILE RADIUS OF 13 45'S 136 20'E.  
FOR AUSSAN  
LOCATION: 13 45'S 136 20'E.

OBSERVED WINDS [ESTIMATED, BASED ON GROOTE EYLANDT AWS]  
Time [UTC] Direction/Speed [knots]  
110500 140/12  
111100 090/08

FORECAST WINDS  
111700 110/12  
112300 120/17  
120500 120/14

Search and Rescue forecasts provided by the Bureau of Meteorology to AMSA between 1/1/11 and 31/5/11

121100 120/12

OVERVIEW:  
ISOLATED SHOWERS AND THUNDERSTORMS.

FORECAST WINDS/TEMPS:  
1000FT 2000FT 3000FT 5000FT 7000FT  
10000FT  
120/20 PS26 120/20 PS23 120/25 PS20 110/20 PS17 080/10 PS13  
VRB/10 PS09

CLOUD:  
ISOL CB 2000/45000  
BKN ST 1000/2000 IN PRECIPITATION.  
SCT CU 2000/15000, ISOL TOPS TO 24000.  
SCT AC/AS ABOVE 12000.

WEATHER:  
TSRA, SHRA.

VISIBILITY:  
1000M IN TSRA, 3000M IN SHRA.

FREEZING LEVEL:  
16000FT.

ICING:  
SEV IN CB, MOD IN CLOUD ABOVE FZL.

TURBULENCE:  
SEV WITH CB, MOD WITH CU/AC

SUNRISE/SET: RISE 0547 CST [0201 UTC]. RISE 1830 CST [0900 UTC]

TIDES[MILNER BAY] 12/4: 0.81M 0249 CST, 1.86M 1545 CST.

SEA: SFC TEMP: 29C WAVES: 1.5 TO 2M.

RMK:  
PAST SIGNIFICANT WEATHER: THUNDERSTORMS HAVE BEEN IN AREA WITH POSSIBLE GUSTS TO 35 KNOTS.

**SA – No products issued.**