



BUREAU OF METEOROLOGY

NEW SOUTH WALES REGIONAL OFFICE 300 Elizabeth Street, Sydney NSW 2000 Tel: (02) 9296 1565 Fax: (02) 9296 1589
 ADDRESS CORRESPONDENCE TO: Regional Director Bureau of Meteorology PO Box 413 Darlinghurst NSW 2010

In reply please quote

To Detestine Senior Constable Stewart Gray

From Pat Sullivan
 Regional Director (NSW)

Fasc 0284 929911

Stewart,

I'm sending ~~two~~ ^{three} fascs to reduce any confusion.

The first consisting of 32 pages is a copy of the handout to race competitors prior to the race.

The second consisting of 7 pages is copies of forecasts provided via fax to CYCA (the Young Endeavour?)

The third consisting of 4 pages is copies of Constal meteor's warnings issued by the Bureau Sat-Monday.

Pat Sullivan 31/12/98



BUREAU OF METEOROLOGY

Sydney to Hobart Yacht Race Forecast - Sydney to 38 degrees South

40:4:450300141:::2
IDS00N00

BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St. Sydney, Ph [02] 9296 1555

SYDNEY - HOBART YACHT RACE FORECAST
26 - 31 December 1998

Forecasts issued from Sydney covering Sydney --> 38S
on Weather by fax 1902 935 244

Dec 26 (0500, 1000, 1300)	Sydney	-->	Jervis Bay
27 (0200, 1300)	Jervis Bay	-->	Gabo Island
28 (0200, 1300)	Jervis Bay	-->	Gabo Island

Forecasts issued from Hobart covering 38S --> Hobart
on Weather by fax 1902 935 247

Dec 27 (1300)	Bass Strait
28 (0200, 1300)	Bass Strait & East Coast Tas. from 1300
29 (0200, 1300)	Bass Strait & East Coast Tas.
30 (0200, 1300)	Bass Strait & East Coast Tas.
31 (0200, 1300)	Bass Strait & East Coast Tas.

Coastal Observations are available from 1902 935 813

ISSUED BY THE BUREAU OF METEOROLOGY, SYDNEY
Issued at 0208 on Monday the 28th of December 1998

FOR Sunday 27th of December 1998

AREA: Jervis Bay to Gabo Island.

SYNOPTIC SITUATION: Low 984hPa eastern Bass Strait expected to move away to the southeast rapidly today.

WARNINGS: Gale Warning is current for NSW coastal waters south of Broken Bay for this morning.

WIND: W/SW 20/30 knots, reaching 25/35 knots offshore south of Merimbula. Wind decreasing to 15/25 knots and tending south to southeast by late today.

WAVES: 2 to 4 metres, gradually abating to 1 to 2.5 metres by late today.

SWELL: 1 to 2 metres, rising to 3 metres in south.

WEATHER: Cloudy but generally fine.

OUT LOOK FOR NEXT 48 HOURS: NW/SW winds 10/15 knots at first Tuesday with afternoon NE seabreezes about 15 knots. Fine weather.

This outlook was with
forecast issued 1209 Sun 27/12.

OUT LOOK FOR NEXT 48 HOURS: NW/SW winds 10/15 knots at first Tuesday with
afternoon NE seabreeze about 15 knots. Fine weather.

© Copyright Commonwealth of Australia 1998, Bureau of Meteorology.
Users of these Web pages are deemed to have read and accepted the conditions described in the copyright declaration.



BUREAU OF METEOROLOGY

Sydney to Hobart Yacht Race Forecast - Sydney to 38 degrees South

40:4:450300141:::2
IDS00N00

BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St. Sydney, Ph [02] 9296 1555

SYDNEY - HOBART YACHT RACE FORECAST
26 - 31 December 1998

Forecasts issued from Sydney covering Sydney --> 38S
on Weather by fax 1902 935 244

Dec 26 (0500, 1000, 1300)	Sydney	-->	Jervis Bay
27 (0200, 1300)	Jervis Bay	-->	Gabo Island
28 (0200, 1300)	Jervis Bay	-->	Gabo Island

Forecasts issued from Hobart covering 38S --> Hobart
on Weather by fax 1902 935 247

Dec 27 (1300)	Bass Strait
28 (0200, 1300)	Bass Strait & East Coast Tas. from 1300
29 (0200, 1300)	Bass Strait & East Coast Tas.
30 (0200, 1300)	Bass Strait & East Coast Tas.
31 (0200, 1300)	Bass Strait & East Coast Tas.

Coastal Observations are available from 1902 935 813

ISSUED BY THE BUREAU OF METEOROLOGY, SYDNEY
Issued at 1209 on Sunday the 27th of December 1998

FOR Sunday 27th of December 1998

AREA: Jervis Bay to Gabo Island.

SYNOPTIC SITUATION: Low 987hPa eastern Bass Strait expected to move to the east today.

WARNINGS: Storm Warning is current south from Merimbula.
Gale Warning is current south from Broken Bay.

WIND: W/SW 25/35 knots, with stronger gusts, increasing to 40/50 knots offshore south of Merimbula today. Wind decreasing to 15/25 knots north of Merimbula Monday and 25/35 knots south of Merimbula during Monday.

WAVES: 2 to 3 metres, rising to 4 to 5 metres offshore in the south today.

SWELL: 1 to 2 metres, rising to 3 metres in south.

WEATHER: Scattered showers and isolated thunderstorms in the south.

----- Printed by COMMS #227 -----

40:4:450300141:::2

IDS00N00

BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St. Sydney, Ph [02] 9296 1555

SYDNEY - HOBART YACHT RACE FORECAST
26 - 31 December 1998

Forecasts issued from Sydney covering Sydney --> 38S
on Weather by fax 1902 935 244

Dec 26 (0500, 1000, 1300)	Sydney	-->	Jervis Bay
27 (0200, 1300)	Jervis Bay	-->	Gabo Island
28 (0200, 1300)	Jervis Bay	-->	Gabo Island

Forecasts issued from Hobart covering 38S --> Hobart
on Weather by fax 1902 935 247

Dec 27 (1300)	Bass Strait
28 (0200, 1300)	Bass Strait & East Coast Tas. from 1300
29 (0200, 1300)	Bass Strait & East Coast Tas.
30 (0200, 1300)	Bass Strait & East Coast Tas.
31 (0200, 1300)	Bass Strait & East Coast Tas.

Coastal Observations are available from 1902 935 813

ISSUED BY THE BUREAU OF METEOROLOGY, SYDNEY
Issued at 0213 on Sunday the 27th of December 1998

FOR

AREA: Jervis Bay to Gabo Island.

SYNOPTIC SITUATION: A deepening low near 41S 149E moving ENE at about 20 knots. Cold front through Sydney/38S 152E/41S 149E moving E at about 20 knots.

WARNINGS: Storm Warning is current south from Merimbula.
Gale Warning is current south from Broken Bay.

WIND: W/SW winds 25/35 knots, with stronger gusts. Winds increasing to the south of Merimbula offshore, reaching 40/50 knots this afternoon as low eepens.

WAVES: 2 to 3 metres, rising to 4 to 5 metres offshore in the south.

SWELL: 1 to 2 metres, rising to 3 to 4 metres offshore south of Merimbula.

WEATHER: Scattered showers and thunderstorms at first, clearing during the morning.

OUT LOOK FOR NEXT 48 HOURS: W/SW winds moderating overnight Sunday to 20/25 knots, possibly still reaching 35 knots at times near Bass Strait.

----- End COMMS message -----

Attached 5.

----- Printed by COMMS #171 -----
 40:4:450300141:::2
 IDS00N00

BUREAU OF METEOROLOGY
 NEW SOUTH WALES REGIONAL OFFICE
 300 Elizabeth St. Sydney, Ph (02) 9296 1555

SYDNEY - HOBART YACHT RACE FORECAST
 26 - 31 December 1998

Forecasts issued from Sydney covering Sydney --> 38S
 on Weather by fax 1902 935 244

Dec 26 (0500, 1000, 1300)	Sydney	-->	Jervis Bay
27 (0200, 1300)	Jervis Bay	-->	Gabo Island
28 (0200, 1300)	Jervis Bay	-->	Gabo Island

Forecasts issued from Hobart covering 38S --> Hobart
 on Weather by fax 1902 935 247

Dec 27 (1300)	Bass Strait
28 (0200, 1300)	Bass Strait & East Coast Tas. from 1300
29 (0200, 1300)	Bass Strait & East Coast Tas.
30 (0200, 1300)	Bass Strait & East Coast Tas.
31 (0200, 1300)	Bass Strait & East Coast Tas.

Coastal Observations are available from 1902 935 813

ISSUED BY THE BUREAU OF METEOROLOGY, SYDNEY
 UPDATED at 1450 on Saturday the 26th of December 1998

FOR

AREA: Sydney to Jervis Bay.

SYNOPTIC SITUATION: A high near New Zealand is ridging onto the central NSW coast. A low 995hPa near Lord Howe Island is slow moving. A cold front is over central Victoria.

WARNINGS: Storm Warning is current south from Merimbula.
 Gale Warning is current south from Broken Bay.

WIND: North to northeast wind 20/25 knots ahead of a W/SW change 25/35 knots, with stronger gusts, expected near Jervis Bay around midnight-2am and then near Sydney around 3am-5am Sunday. Wind may tend briefly northwest 15/20 knots prior to the change.

WAVES: 1 to 2 metres, rising to 3 metres offshore with W/SW change.

SWELL: 1 to 2 metres.

WEATHER: Scattered showers and thunderstorms developing tonight ahead of the change then clearing tomorrow.

OUT LOOK FOR NEXT 48 HOURS: Winds moderating north of Jervis Bay Sunday night. Gale to storm force W winds south of Jervis Bay expected to moderate Monday evening.

----- End COMMS message -----

Dec 26 1998 12:27

stdin

Page 1

40:4:450300141:::2
IDS00N00BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St. Sydney, Ph [02] 9296 1555SYDNEY - HOBART YACHT RACE FORECAST
26 - 31 December 1998Forecasts issued from Sydney covering Sydney --> 38S
on Weather by fax 1902 935 244

Dec 26 (0500, 1000, 1300)	Sydney	-->	Jervis Bay
27 (0200, 1300)	Jervis Bay	-->	Gabo Island
28 (0200, 1300)	Jervis Bay	-->	Gabo Island

Forecasts issued from Hobart covering 38S --> Hobart
on Weather by fax 1902 935 247

Dec 27 (1300)	Bass Strait
28 (0200, 1300)	Bass Strait & East Coast Tas. from 1300
29 (0200, 1300)	Bass Strait & East Coast Tas.
30 (0200, 1300)	Bass Strait & East Coast Tas.
31 (0200, 1300)	Bass Strait & East Coast Tas.

Coastal Observations are available from 1902 935 813

ISSUED BY THE BUREAU OF METEOROLOGY, SYDNEY
Issued at 1209 on Saturday the 26th of December 1998

FOR

AREA: Sydney to Jervis Bay.

SYNOPTIC SITUATION: A high near New Zealand is ridging onto the central NSW coast. A low 995hPa near Lord Howe Island is slow moving. A cold front is over central Victoria.

WARNINGS: Gale Warning is current south from Broken Bay.

WIND: North to northeast wind 15/20 knots freshening to 20/25 knots by late afternoon or evening. A S/SW change 30/35 knots, with stronger gusts, expected near Jervis Bay around midnight-2am and then near Sydney around 3am-5am Sunday. Wind may tend briefly NW 15/20 knots prior to the change.

WAVES: 1 to 2 metres, rising to 3 to 4 metres with S'yly change .

SWELL: 1 to 1.5 metres, increasing to 2 to 3 metres after S'yly change.

WEATHER: Scattered showers and thunderstorms developing this evening ahead of the change. A few showers persisting following the southerly change.

CUT LOOK FOR NEXT 48 HOURS: Winds moderating north of Jervis Bay Sunday evening. Strong to gale force SW/W winds south of Jervis Bay expected to moderate Monday evening.

----- Printed by COMMS #137 -----
 40:4:450300141:::2
 IDS00N00

BUREAU OF METEOROLOGY
 NEW SOUTH WALES REGIONAL OFFICE
 300 Elizabeth St. Sydney, Ph [02] 9296 1555

SYDNEY - HOBART YACHT RACE FORECAST
 26 - 31 December 1998

Forecasts issued from Sydney covering Sydney --> 38S
 on Weather by fax 1902 935 244

Dec 26 (0500, 1000, 1300)	Sydney	-->	Jervis Bay
27 (0200, 1300)	Jervis Bay	-->	Gabo Island
28 (0200, 1300)	Jervis Bay	-->	Gabo Island

Forecasts issued from Hobart covering 38S --> Hobart
 on Weather by fax 1902 935 247

Dec 27 (1300)	Bass Strait
28 (0200, 1300)	Bass Strait & East Coast Tas. from 1300
29 (0200, 1300)	Bass Strait & East Coast Tas.
30 (0200, 1300)	Bass Strait & East Coast Tas.
31 (0200, 1300)	Bass Strait & East Coast Tas.

Coastal Observations are available from 1902 935 813

ISSUED BY THE BUREAU OF METEOROLOGY, SYDNEY
 Issued at 0904 on Saturday the 26th of December 1998

FOR

AREA: Sydney to Jervis Bay.

SYNOPTIC SITUATION: A high near New Zealand is ridging onto the central NSW coast. A low 995hPa near Lord Howe Island is slow moving. A cold front is over western Victoria.

WARNINGS: Gale Warning is current south from Broken Bay.

WIND: Northeast wind 10/15 knots freshening to 15/25 knots by late afternoon or evening. A S/SW change 30/35 knots, with stronger gusts, expected near Jervis Bay around midnight-2am and then near Sydney around 3am-5am Sunday.

WAVES: 1 to 2 metres, rising to 3 to 4 metres with S'ly change .

SWELL: 1 to 1.5 metres, increasing to 2 to 3 metres after S'ly change.

WEATHER: Scattered showers and thunderstorms developing this evening ahead of the change. A few showers persisting following the southerly change.

OUT LOOK FOR NEXT 48 HOURS: Winds moderating north of Jervis Bay Sunday evening. Strong to gale force SW/W winds south of Jervis Bay expected to moderate Monday evening.

----- End COMMS message -----

OUTLOOK FOR NEXT 48 HOURS: Following passage of southerly change winds should abate within a few hours and tend south to southeast 15/25 knots during Sunday.



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE

300 Elizabeth St. Sydney, Ph [02] 9296 1555

**SYDNEY - HOBART
YACHT RACE FORECAST**

26 - 31 December 1998

**Forecasts issued from Sydney covering Sydney --> 38S
on Weather by fax 1902 935 811**

Dec 26 (0500, 1000, 1300)	Sydney	-->	Jervis Bay
27 (0200, 1300)	Jervis Bay	-->	Gabo Island
28 (0200, 1300)	Jervis Bay	-->	Gabo Island

**Forecasts issued from Hobart covering 38S --> Hobart
on Weather by fax 1902 935 812**

Dec 27 (1300)	Bass Strait
28 (0200, 1300)	Bass Strait & East Coast Tas. from 1300
29 (0200, 1300)	Bass Strait & East Coast Tas.
30 (0200, 1300)	Bass Strait & East Coast Tas.
31 (0200, 1300)	Bass Strait & East Coast Tas.

Coastal observations are available from 1902 935 813

Calls to the above 1902 numbers are charged at 60 cents per minute, higher rates apply from mobile phones.

ISSUED BY THE BUREAU OF METEOROLOGY, SYDNEY

Issued at 0429 on Saturday the 26th of December 1998

FOR

AREA: Sydney to Jervis Bay.

SYNOPTIC SITUATION: A high near New Zealand is ridging onto the central NSW coast. Trough in western Victoria and cold front approaching Adelaide.

WARNINGS: Strong wind warning current for waters SOUTH of Ulladulla.

WIND: West to northwest winds 5/10 knots inshore at first, east of northeast winds 10/15 knots offshore. Northeast seabreezes developing inshore around midday, 10/15 knots at first but freshening to 20 knots by late afternoon, persisting into the evening. A southerly change 20/30 knots expected to move up the NSW coast overnight. Expected near Jervis Bay around midnight-2am and then near Sydney around 3am-5am Sunday.

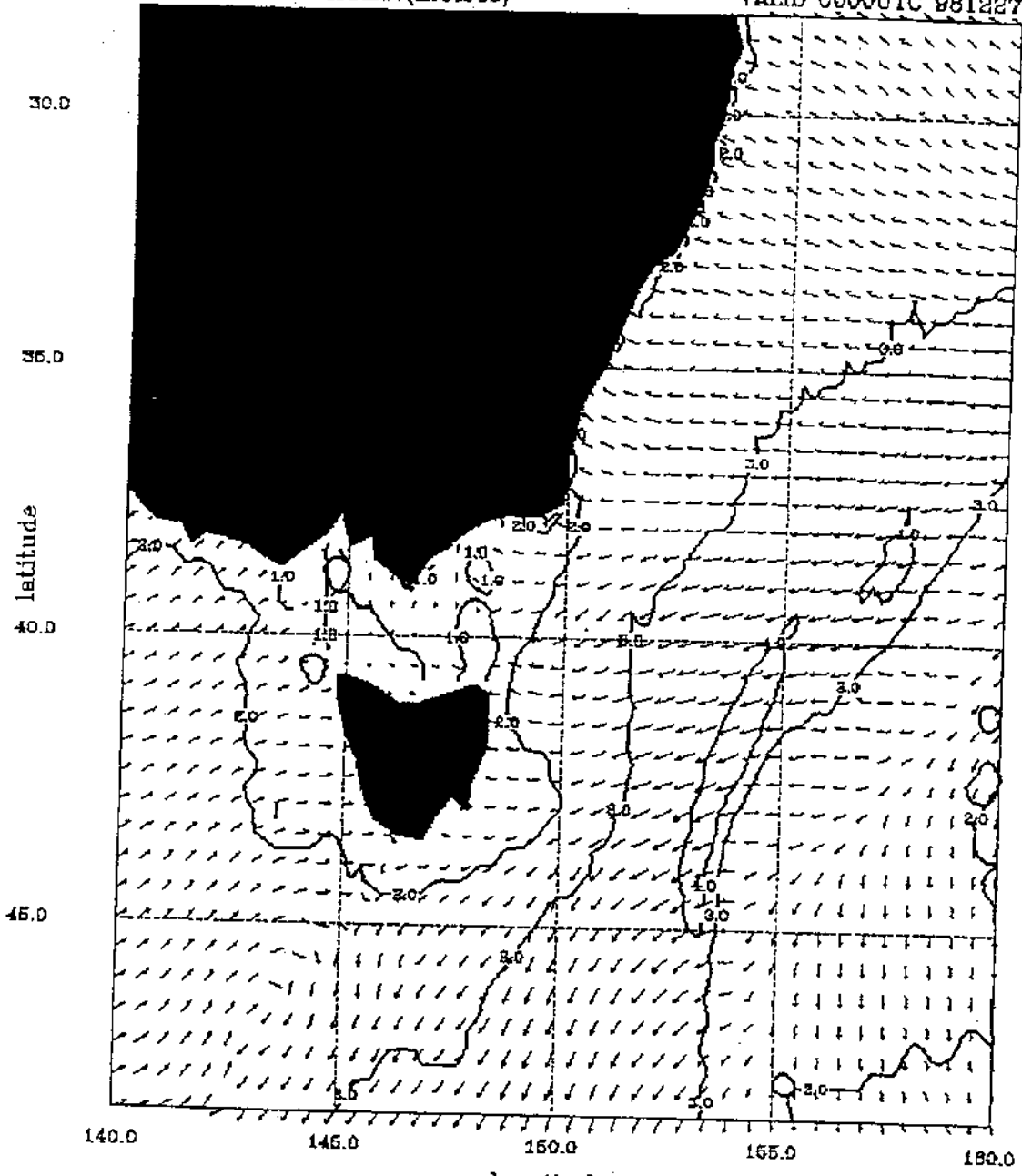
WAVES: 1 to 2 metres, rising to 3 metres with S'ly change.

SWELL: 1 to 1.5 metres, rising to 2 metres with passage of change.

WEATHER: Scattered showers and thunderstorms developing this evening ahead of the change. A few showers persisting following the southerly change.

FORECAST FROM MESO SCALE WAM
SWELL WAVE HEIGHT (metres)

36 HR FORECAST
VALID 0000UTC 981227

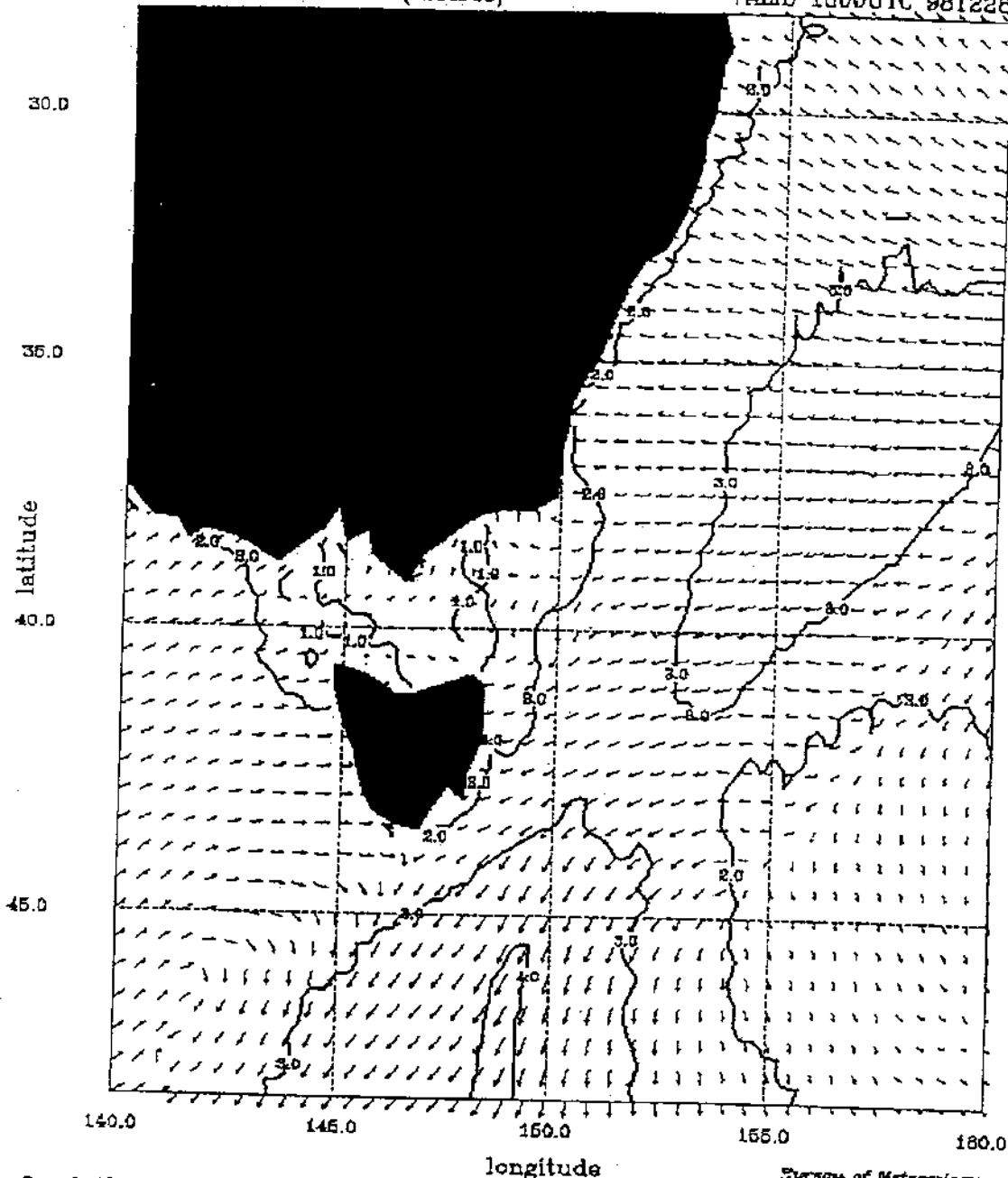


©C of R Weather by Fax Directory No 1800 530 900

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE NAM
SWELL WAVE HEIGHT (metres)

30 HR FORECAST
VALID 1800UTC 981226

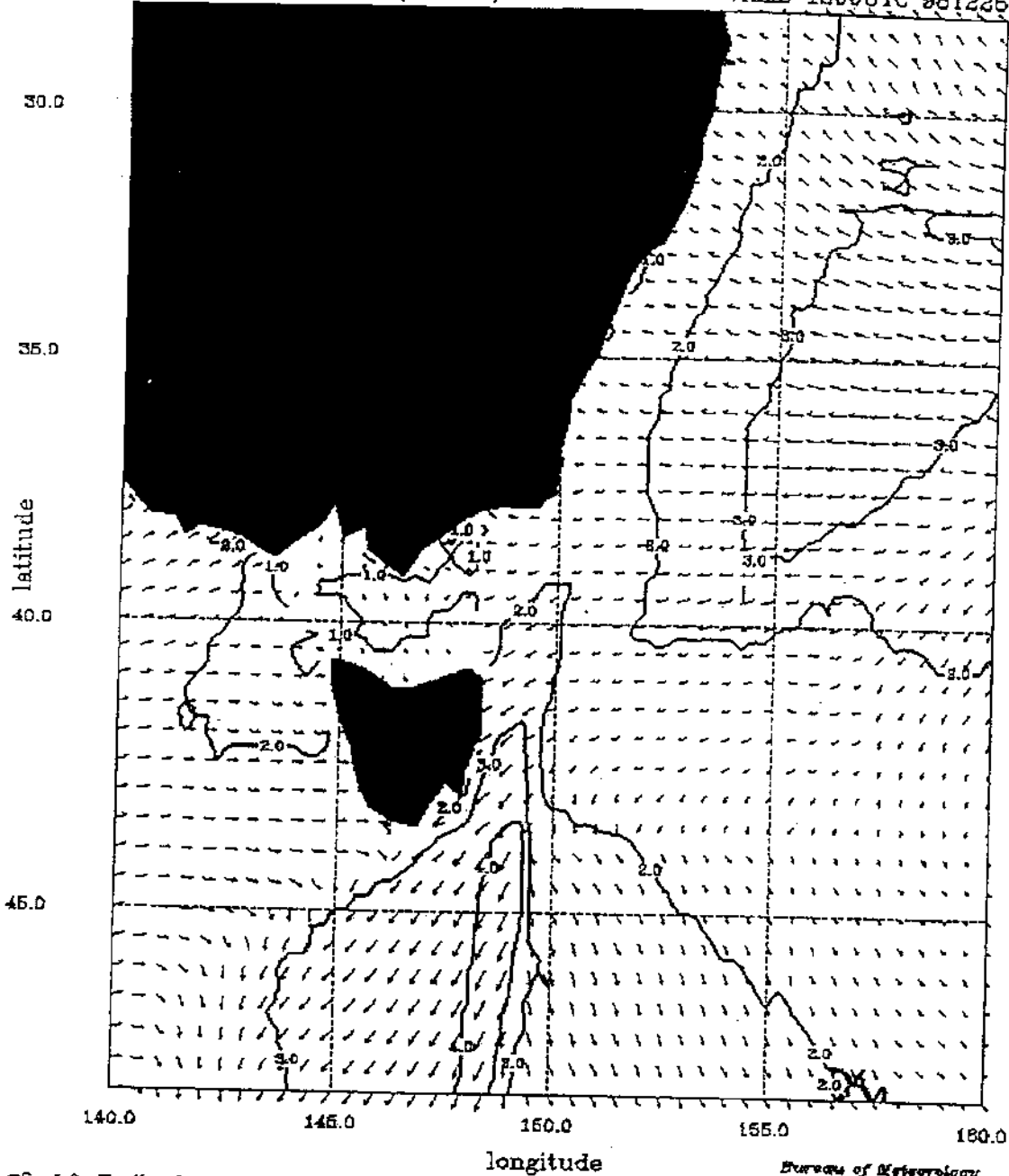


© of A Weather by Fax Directory No 1880 020 188

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE NAM
SWELL WAVE HEIGHT (metres)

24 HR FORECAST
VALID 1200UTC 981226

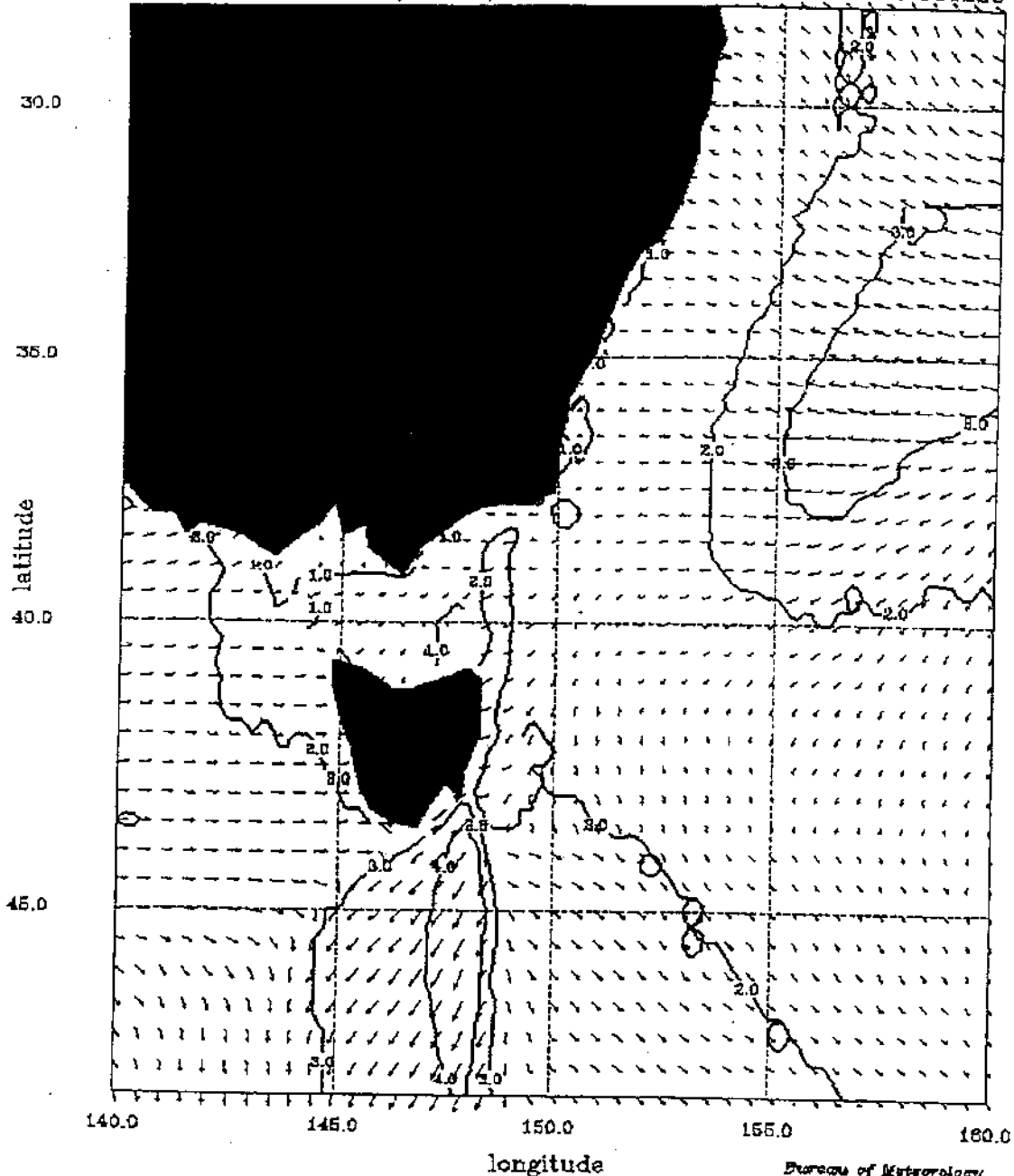


QC of R Weather by Fax Directory No 1880 630 800

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE WAM
SWELL WAVE HEIGHT (metres)

18 HR FORECAST
VALID 0600UTC 981226

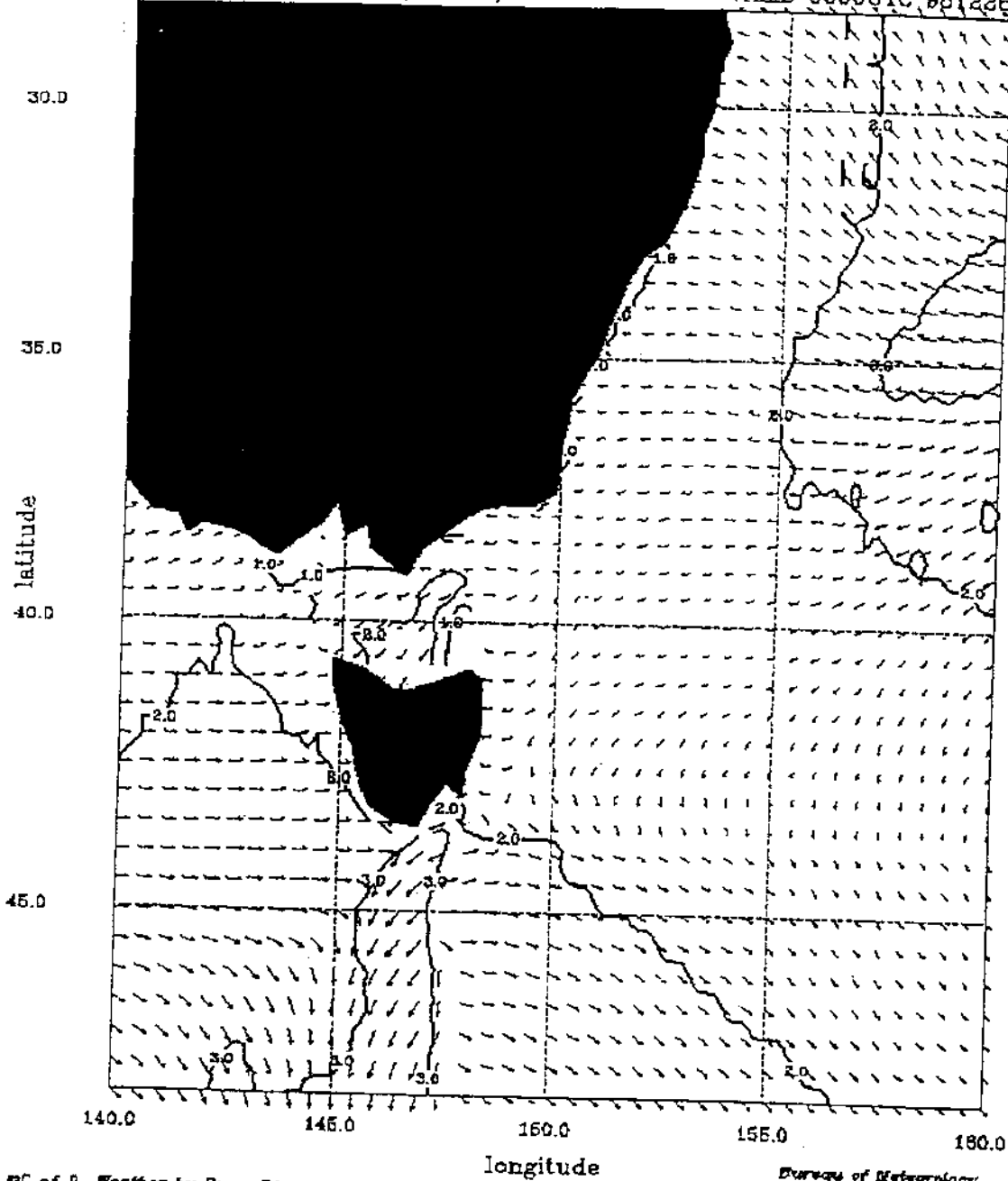


© of R Weather by Fax Directory No 1880 630 303

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE WAM
SWELL WAVE HEIGHT (metres)

12 HR FORECAST
VALID 0000UTC 981226

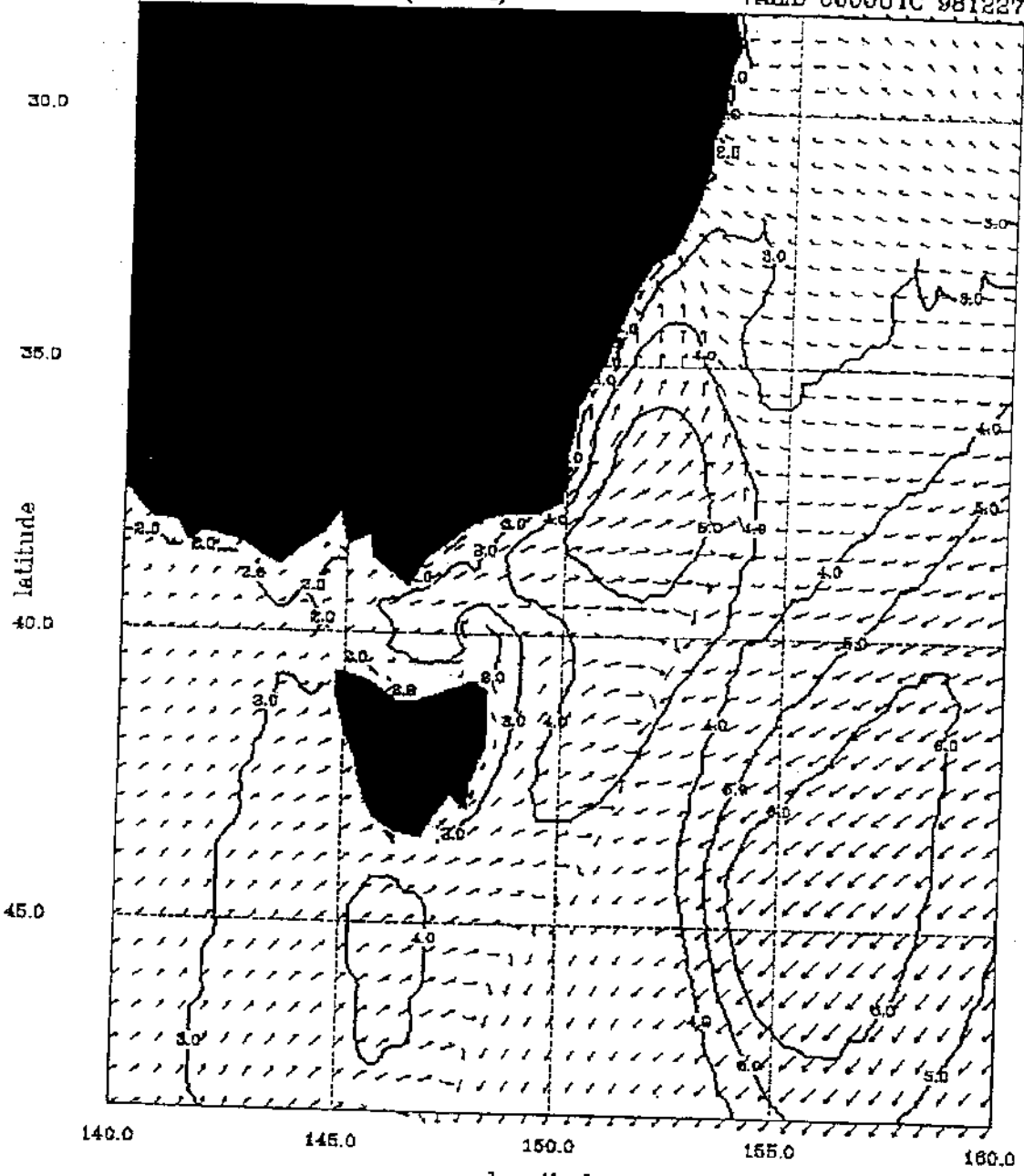


©C of R Weather by Fax Directory No 1880 620 100

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE NAM
TOTAL WAVE HEIGHT (metres)

36 HR FORECAST
VALID 0000UTC 981227

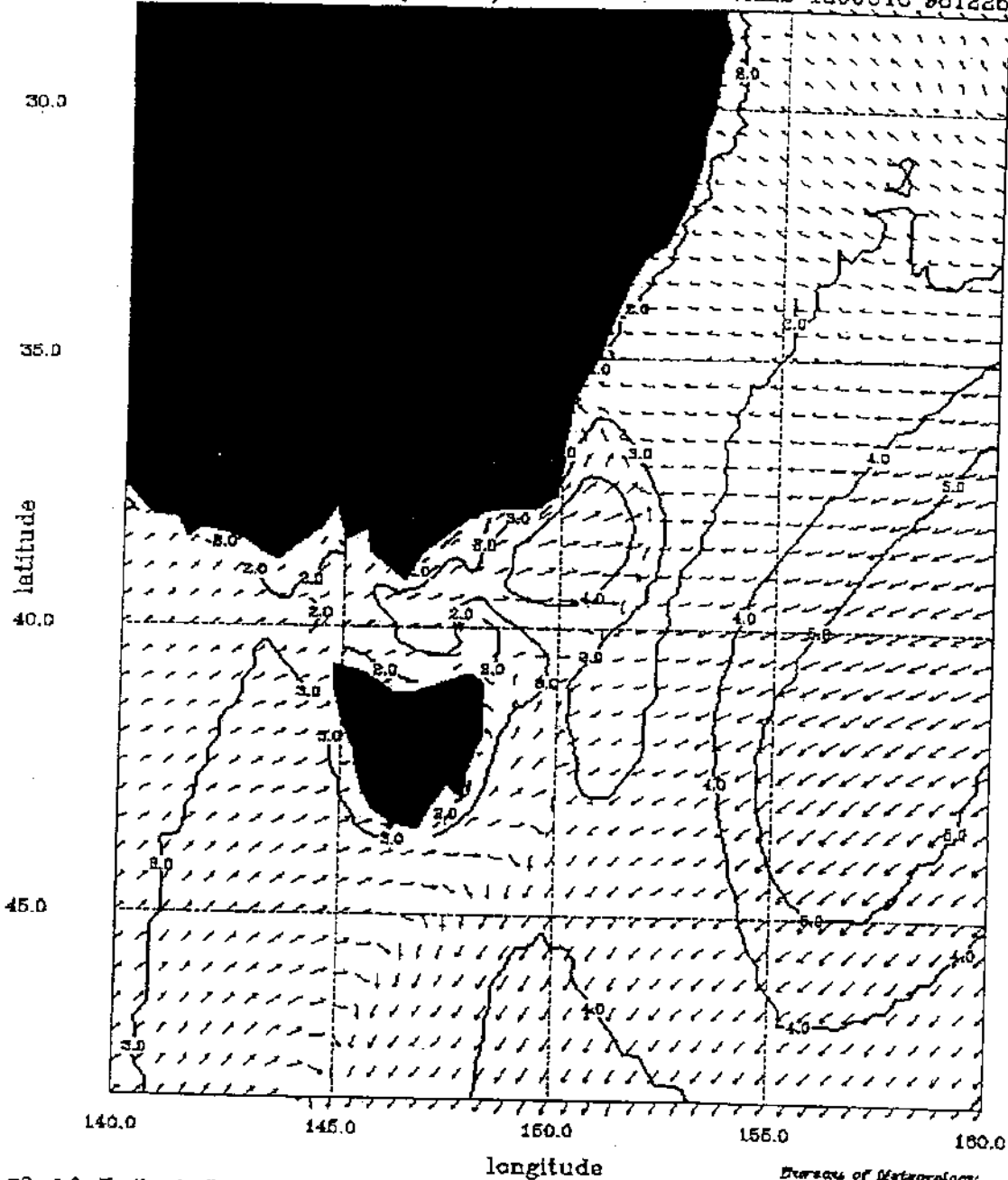


© of R Weather by Fax Directory No 1880 630 100

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE WAM
TOTAL WAVE HEIGHT (metres)

30 HR FORECAST
VALID 1800UTC 981226

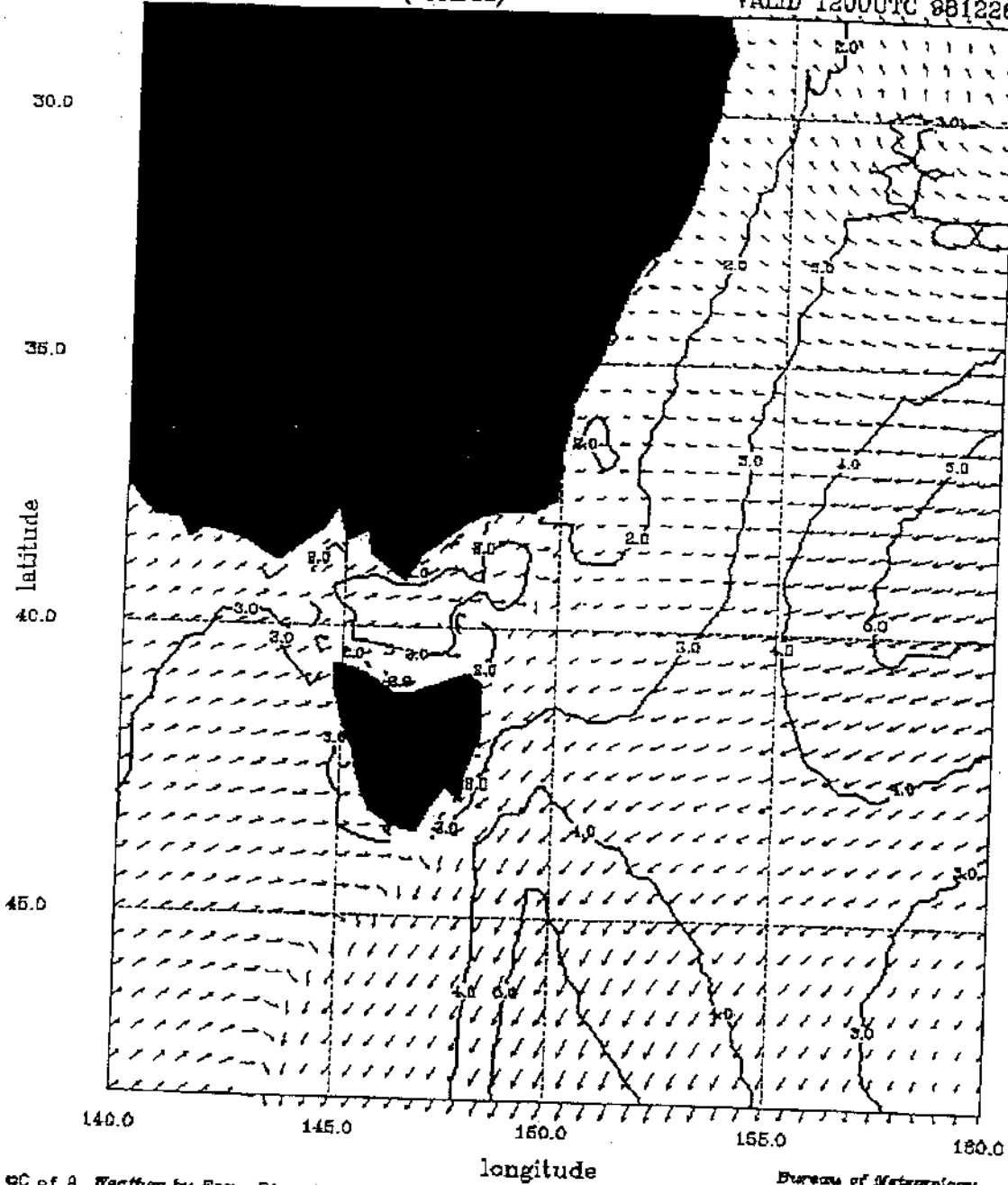


© C of A Weather by Fax Directory No 1800 630 700

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE WAM
TOTAL WAVE HEIGHT (metres)

24 HR FORECAST
VALID 1200UTC 981226

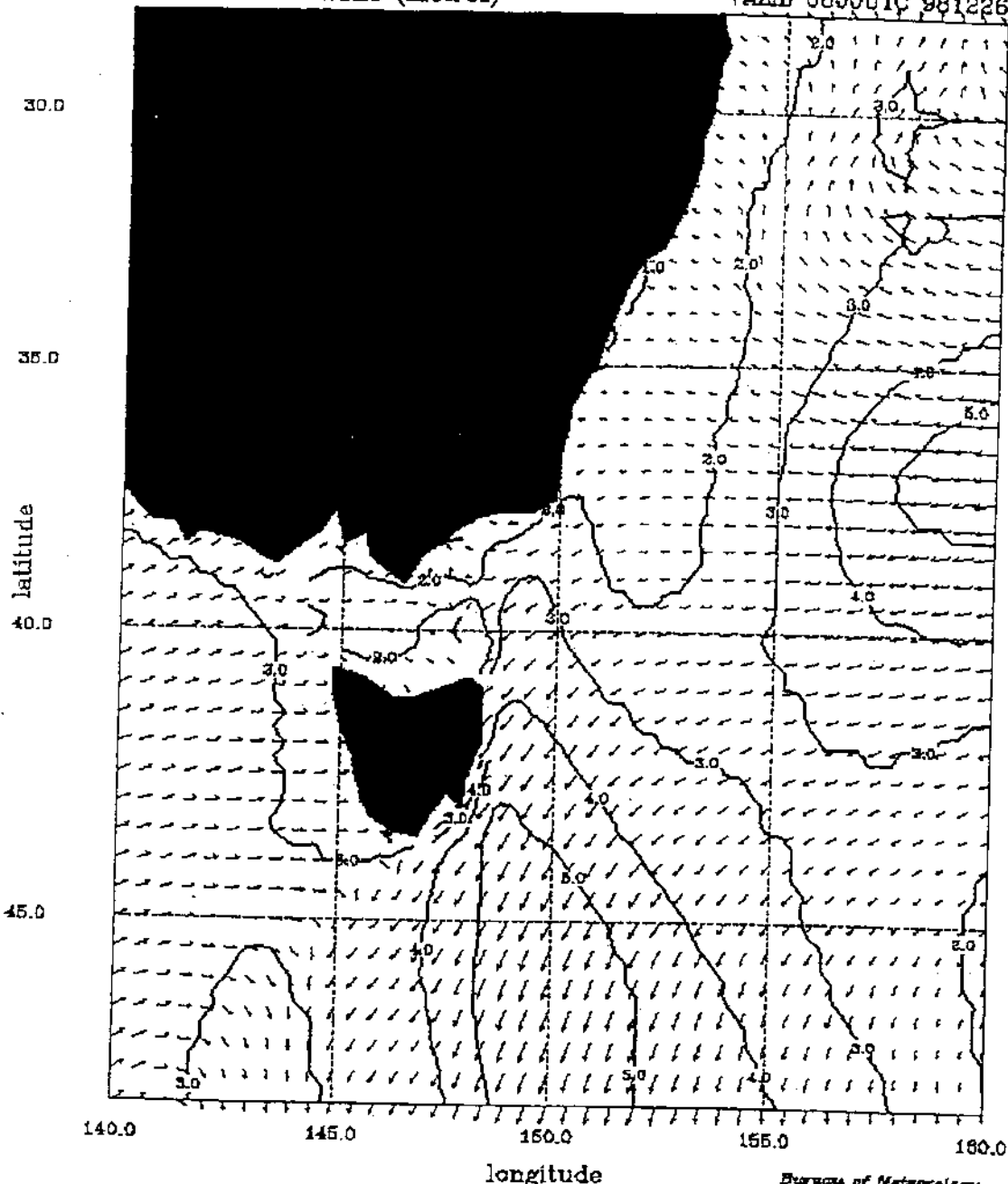


©C of A Weather by Fax Directory No 1800 030 300

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE NAM
TOTAL WAVE HEIGHT (metres)

18 HR FORECAST
VALID 0600UTC 981226

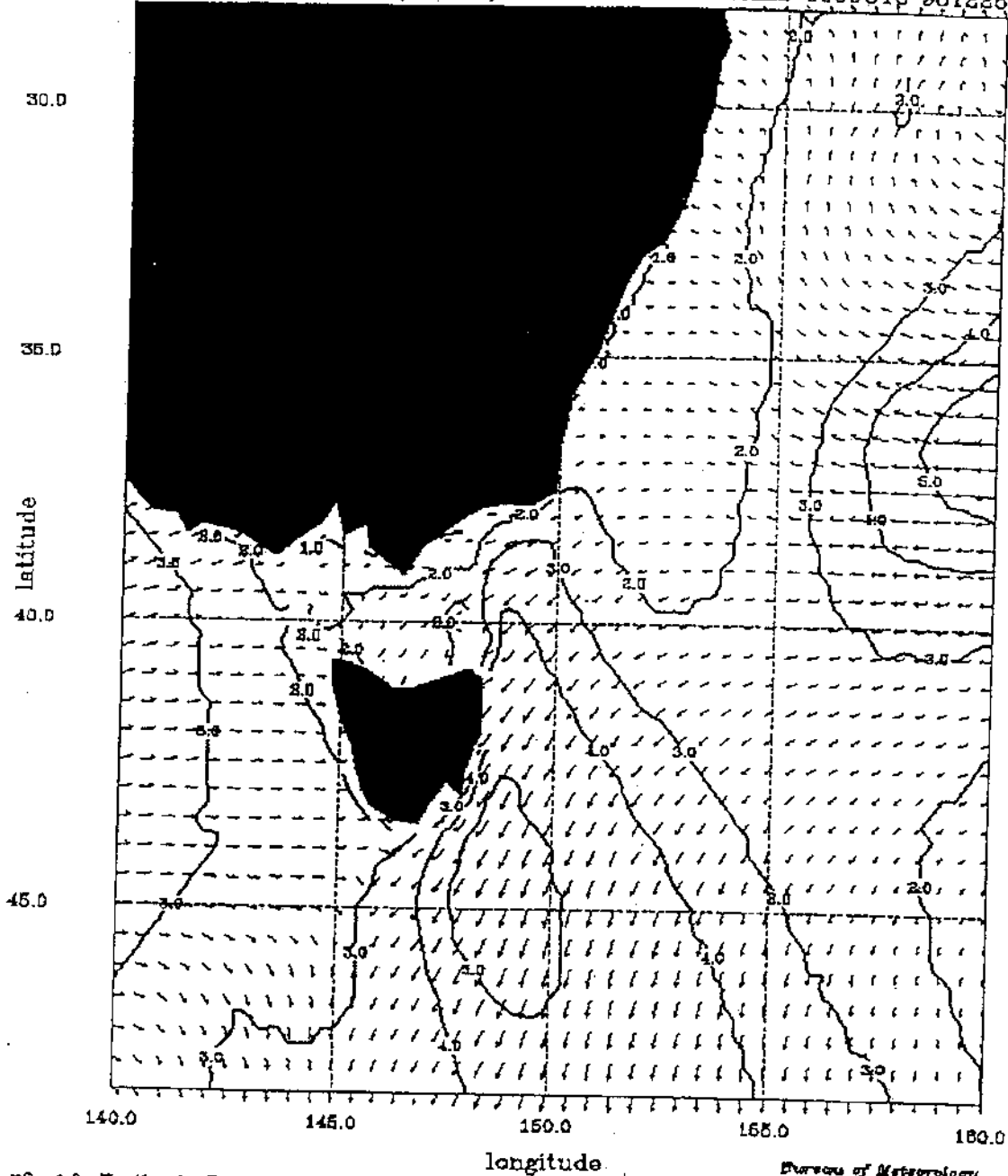


©C of R Feather by Fax Directory No 1800 630 100

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE WAM
TOTAL WAVE HEIGHT (metres)

12 HR FORECAST
VALID 0000UTC 981226

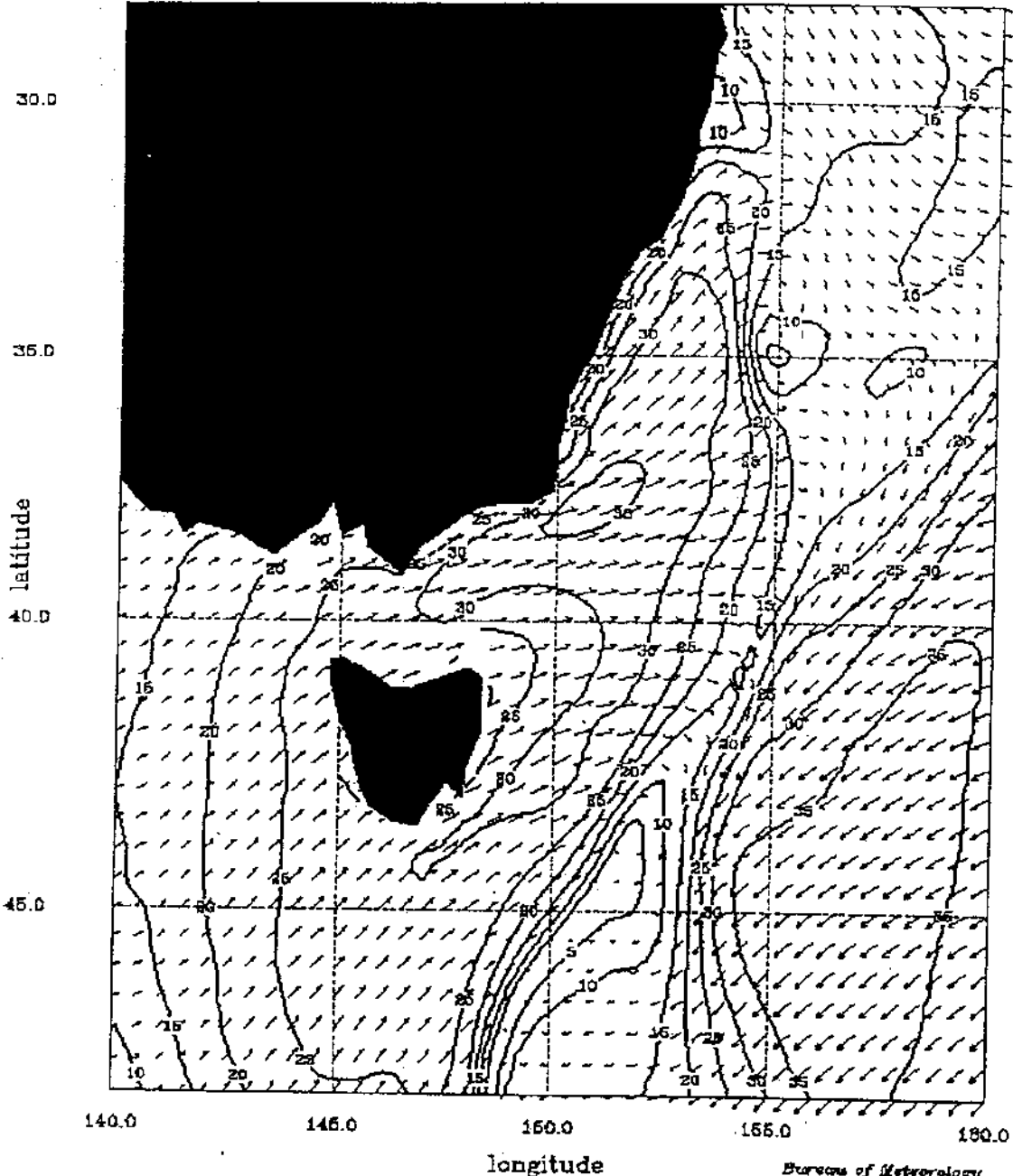


©C of A Weather by Fax Directory No 1880 533 102

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE WAM
10m WIND SPEED (knots)

36 HR FORECAST
VALID 0000UTC 981227

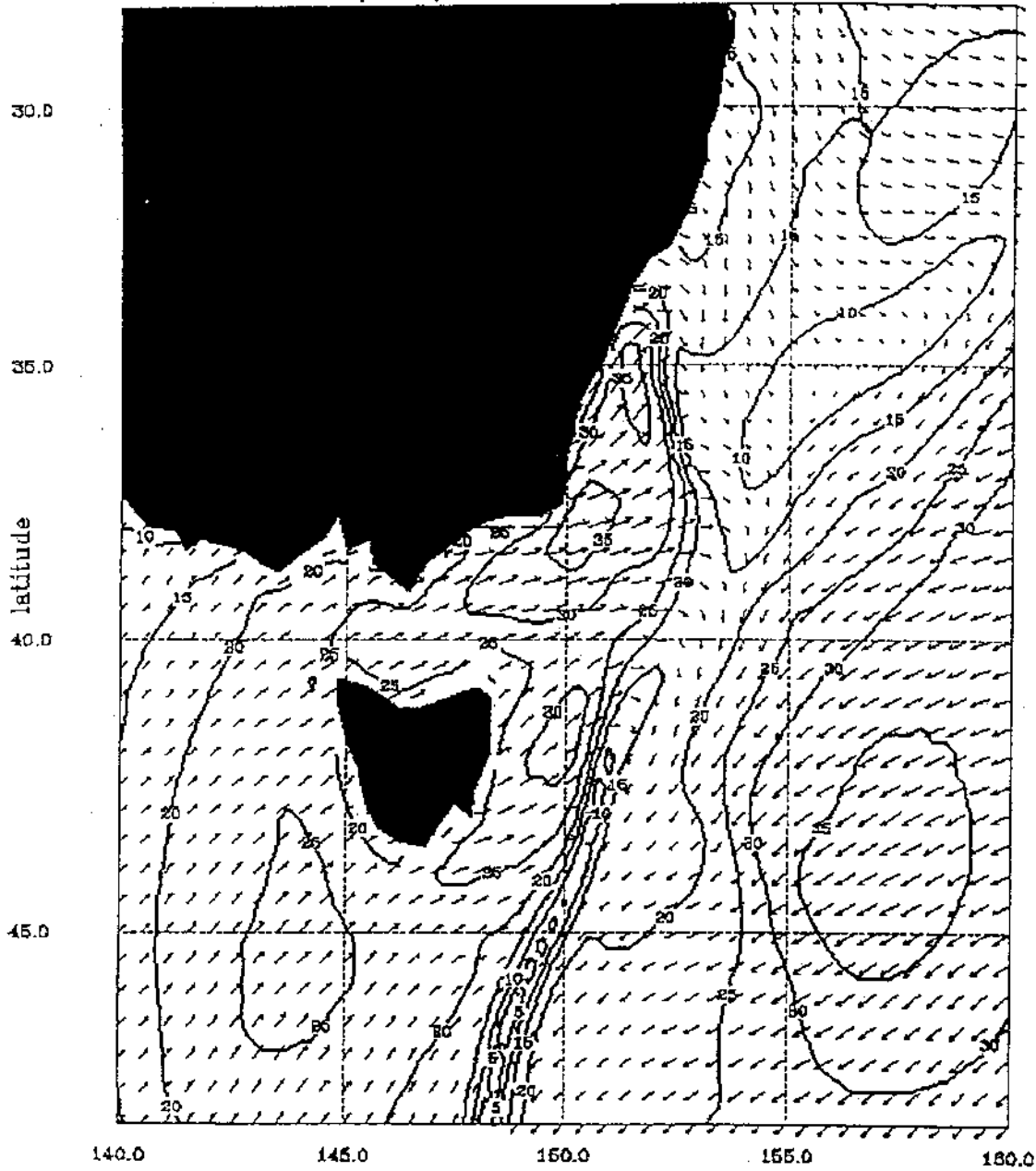


©C of R Weather by Fax Directory No 1888 830 300

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE NAM
10m WIND SPEED (knots)

30 HR FORECAST
VALID 1800UTC 981226



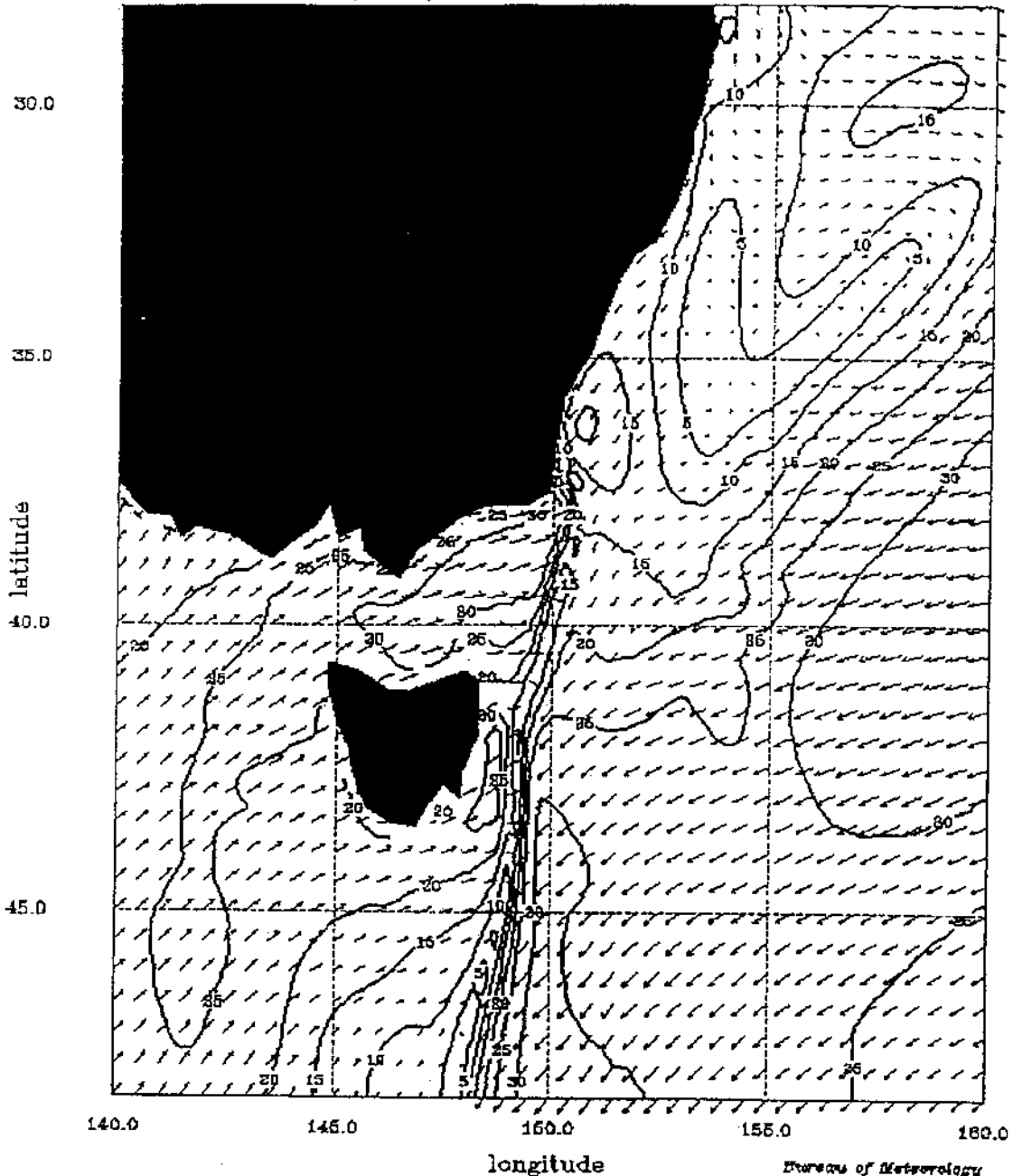
140.0 145.0 150.0 155.0 180.0
latitude
longitude

©C of R Weather by Fax Directory No 1880 630 300

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE TMM
10m WIND SPEED (knots)

24 HR FORECAST
VALID 1200UTC 981226

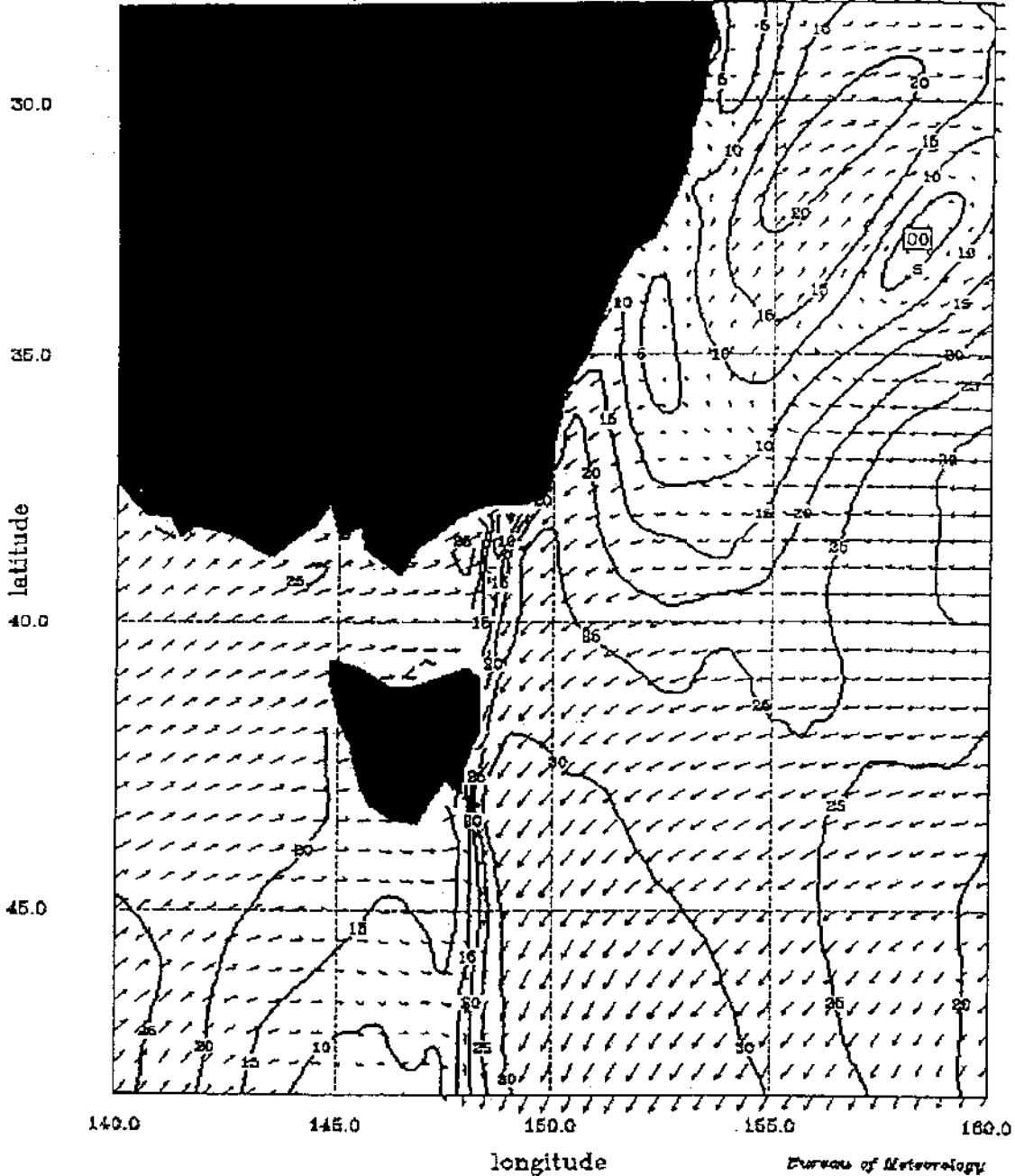


© of A Weather by Fax Directory No 120000100

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE T4M
10m WIND SPEED (knots)

18 HR FORECAST
VALID 0600UTC 981226

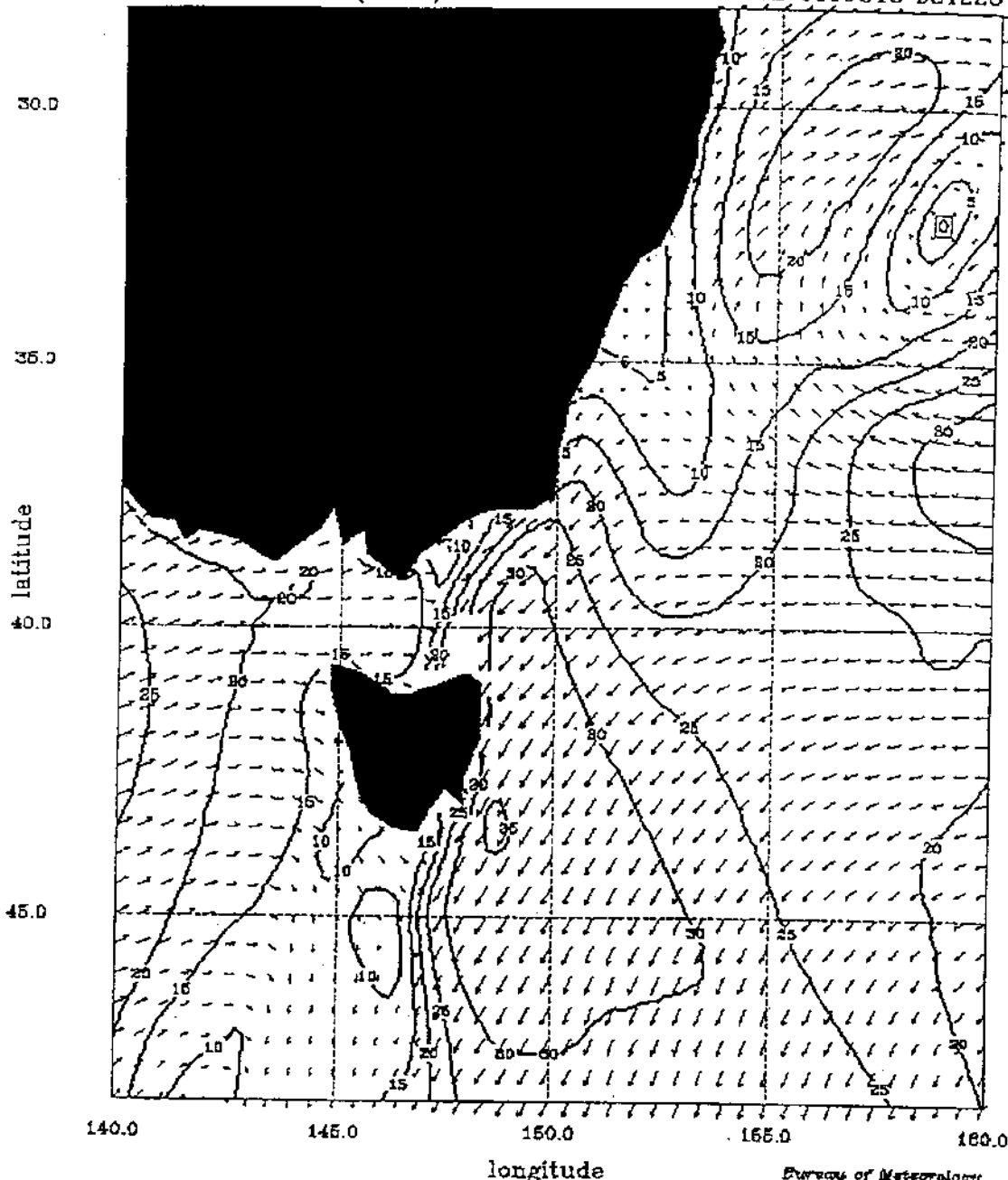


©C of A Weather by Fax Directory No 1888 630 838

Bureau of Meteorology
Specialised Oceanographic Centre

FORECAST FROM MESO SCALE WAM
10m WIND SPEED (knots)

12 HR FORECAST
VALID 0000UTC 981226



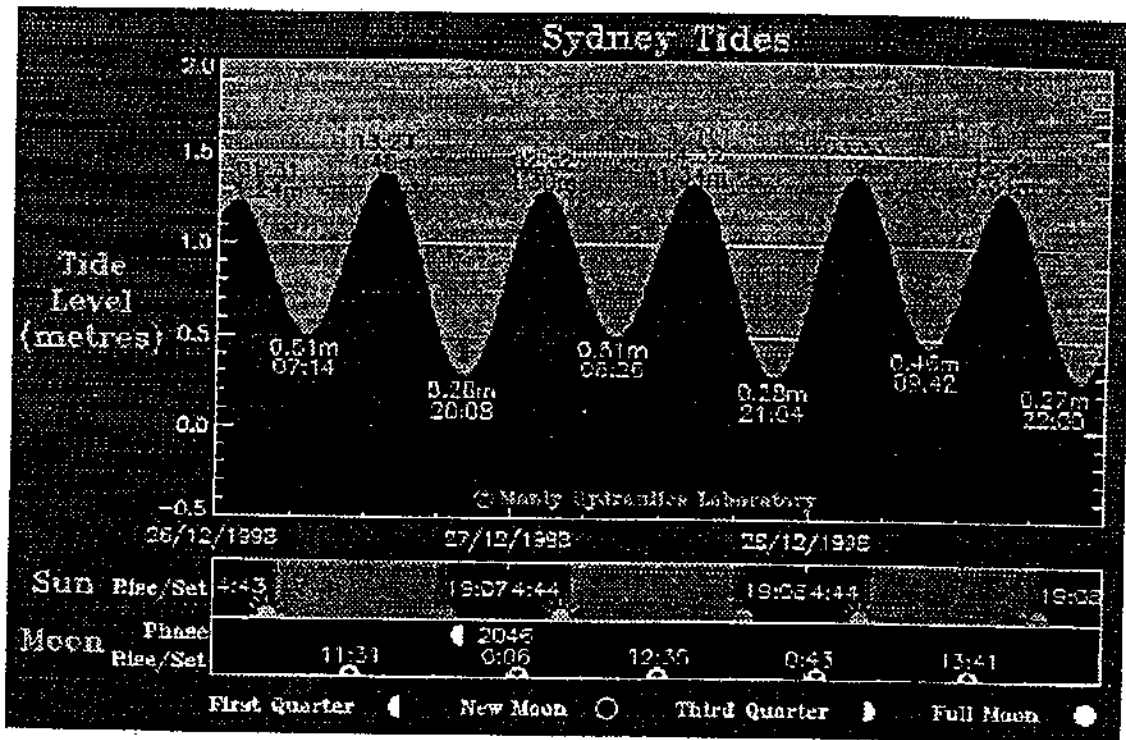
©C of R Weather by Fax Directory No 1880 630 220

Bureau of Meteorology
Specialized Oceanographic Centre

Sydney Predicted Tide

Predicted tidal levels for other New South Wales ocean locations will vary from those at Sydney although, in general, the variation will not be more than 0.2 metres. The maximum time difference for other NSW coastal ports is up to 10 minutes. The actual tide may differ from the predicted tide due to meteorological and oceanographic conditions. Zero on the tide plot is Indian Springs Low Water, which is approximately the level of the Lowest Astronomical Tide.

Data similar to this and much more generally useful information is published in the NSW Tide Charts.



Note: All times are Australian Eastern Standard Time.

Important: These predictions have been generated from data recorded by MHL and are NOT the official tide predictions for Sydney and should not be used for navigational purposes.

For inquiries about this data contact Col Nalty, CNalty@mhl.nsw.gov.au.

MHL Home Page | Tide Glossary | MHL Tidal Data Collection | © Copyright MHL

TIDE PREDICTIONS FOR HOBART DECEMBER - 1998

Fri 18		Sat 19		Sun 20		Mon 21		Tue 22		Wed 23		Thu 24	
Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)
0642	1.7	0004	1.2	0045	1.3	0138	1.3	0250	1.3	0030	1.4	0104	1.4
1439	0.8	0719	1.7	0800	1.7	0842	1.7	0929	1.7	0436	1.3	0551	1.3
2125	1.3	1520	0.7	1601	0.7	1643	0.7	1724	0.7	1019	1.6	1116	1.6
		2220	1.3	2310	1.3	2352	1.4			1805	0.7	1845	0.7

TIDE PREDICTIONS FOR HOBART DECEMBER - 1998

Fri 25		Sat 26		Sun 27		Mon 28		Tue 29		Wed 30		Thu 31	
Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)
0139	1.5	0214	1.5	0249	1.6	0328	1.6	0408	1.7	0453	1.8	0542	1.8
0656	1.2	0800	1.1	0904	1.0	1007	0.9	1110	0.8	1212	0.7	1313	0.6
1219	1.5	1324	1.5	1430	1.4	1543	1.4	1701	1.4	1819	1.3	1930	1.4
1927	0.7	2007	0.8	2047	0.8	2127	0.9	2207	1.0	2248	1.0	2334	1.1

TIDE PREDICTIONS FOR HOBART JANUARY - 1999

Fri 1		Sat 2		Sun 3		Mon 4		Tue 5		Wed 6		Thu 7	
Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)
0633	1.9	0025	1.2	0132	1.3	0312	1.3	0437	1.3	0034	1.5	0117	1.5
1411	0.5	0727	1.9	0821	1.9	0915	1.8	1013	1.7	0547	1.2	0651	1.2
2039	1.4	1507	0.5	1601	0.5	1654	0.6	1745	0.6	1110	1.6	1207	1.5
		2145	1.4	2247	1.4	2345	1.5			1831	0.7	1914	0.8

Copyright. National Tidal Facility, The Flinders University of South Australia.

Times stated are Eastern Standard Time. During Daylight Saving Time (if in force) one hour needs to be added to the times stated.



NTF Home Page

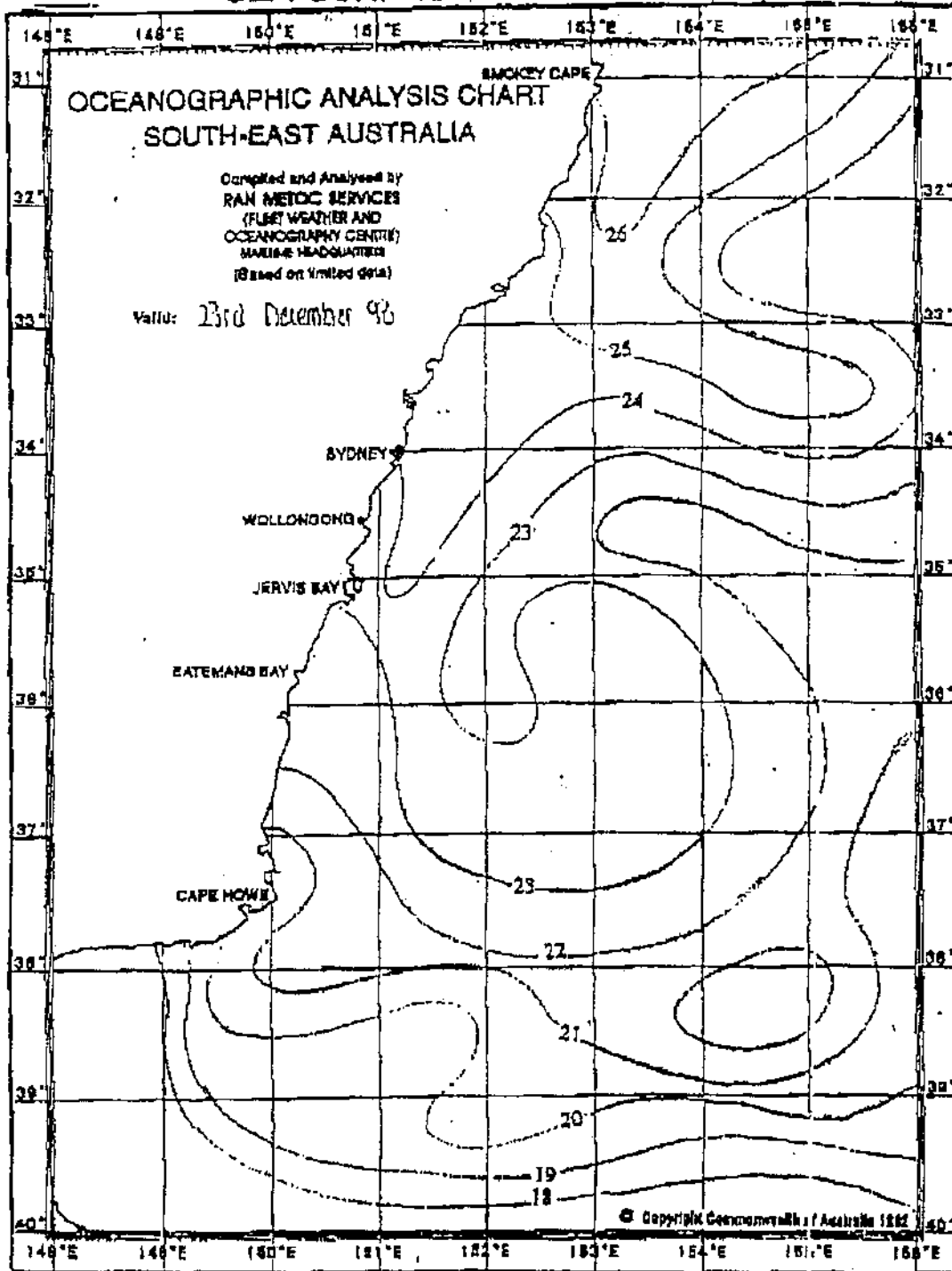
Comments and Queries to Paul Please.

DEC-23-98 15:38 FROM:95634182

NAME:FWOC

PAGE 1 / 4

SEA SURFACE ISOTHERMS (°C)

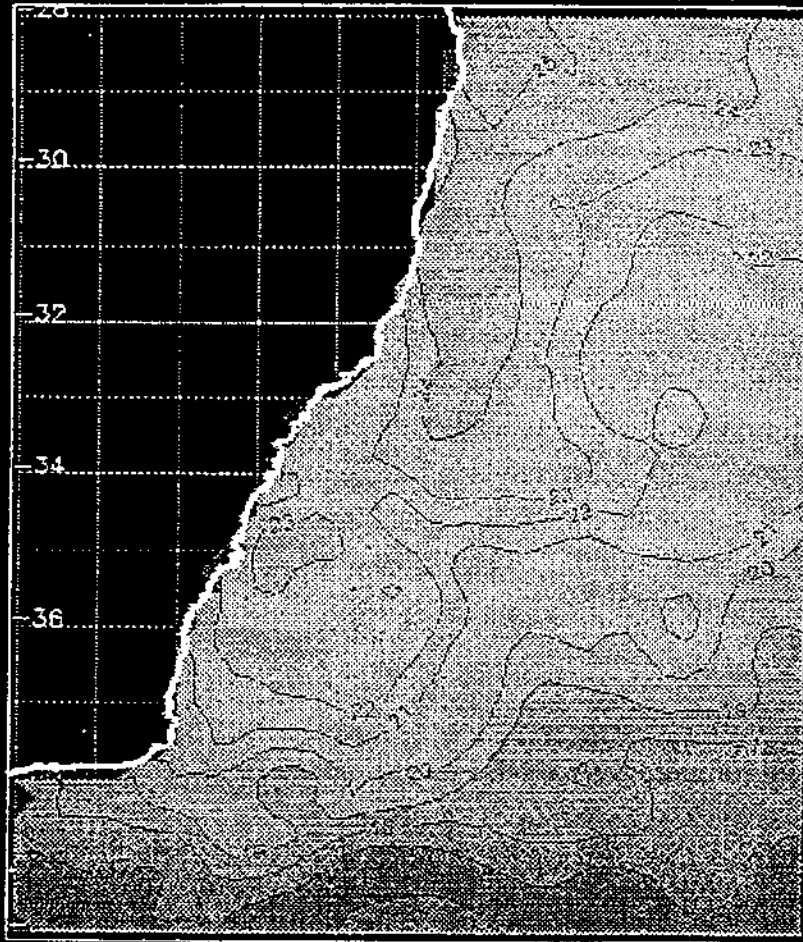


REGION SST: Regional Analysis
REGION: Victoria/Tasmania
PARAMETER: Sea Surface Temperature (°C) 24/12/1998



Produced by NIMC BoM Specialized Oceanographic Centre
Weather by Fax: 1800 630 100 Free fax services directory
Weathercall: 1800 697 999 Free voice services directory
Internet URL: <http://www.bom.gov.au>
Copyright © by Commonwealth of Australia Product No: 16400034

REGION SST: Regional Analysis
REGION: N.S.W. Coast
PARAMETER: Sea Surface Temperature (°C) 24/12/1998

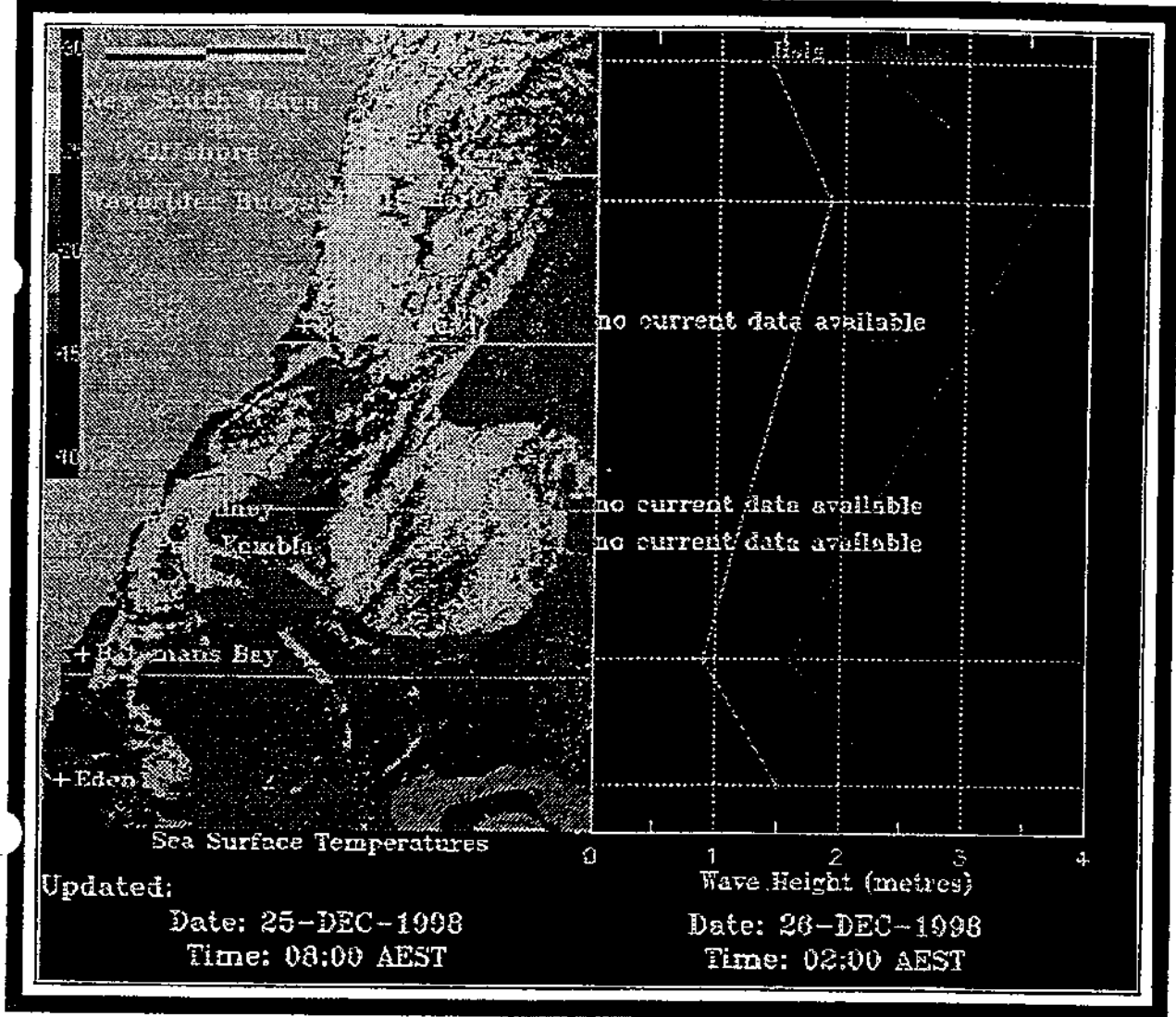


Produced by NMC BoM Specialized Oceanographic Centre
Weather by Fax: 1800 830 100 Free fax services directory
Weathercall: 1800 637 929 Free voice services directory
Internet URL: <http://www.bom.gov.au>
Copyright © by Commonwealth of Australia Product No.: IDY00033

Latest NSW Coastal Wave Heights

The information available from here is routinely updated at 00:40, 03:40, 09:40 and 15:40 Hrs Australian Eastern Standard Time. If large waves (over 3.5m Hsig) are present at any of the sites then all sites will be updated at about 40 minutes past each hour.

The map beside the plots represents the latest available sea surface temperature and is derived from a CSIRO Marine Research Remote Sensing Project satellite image.



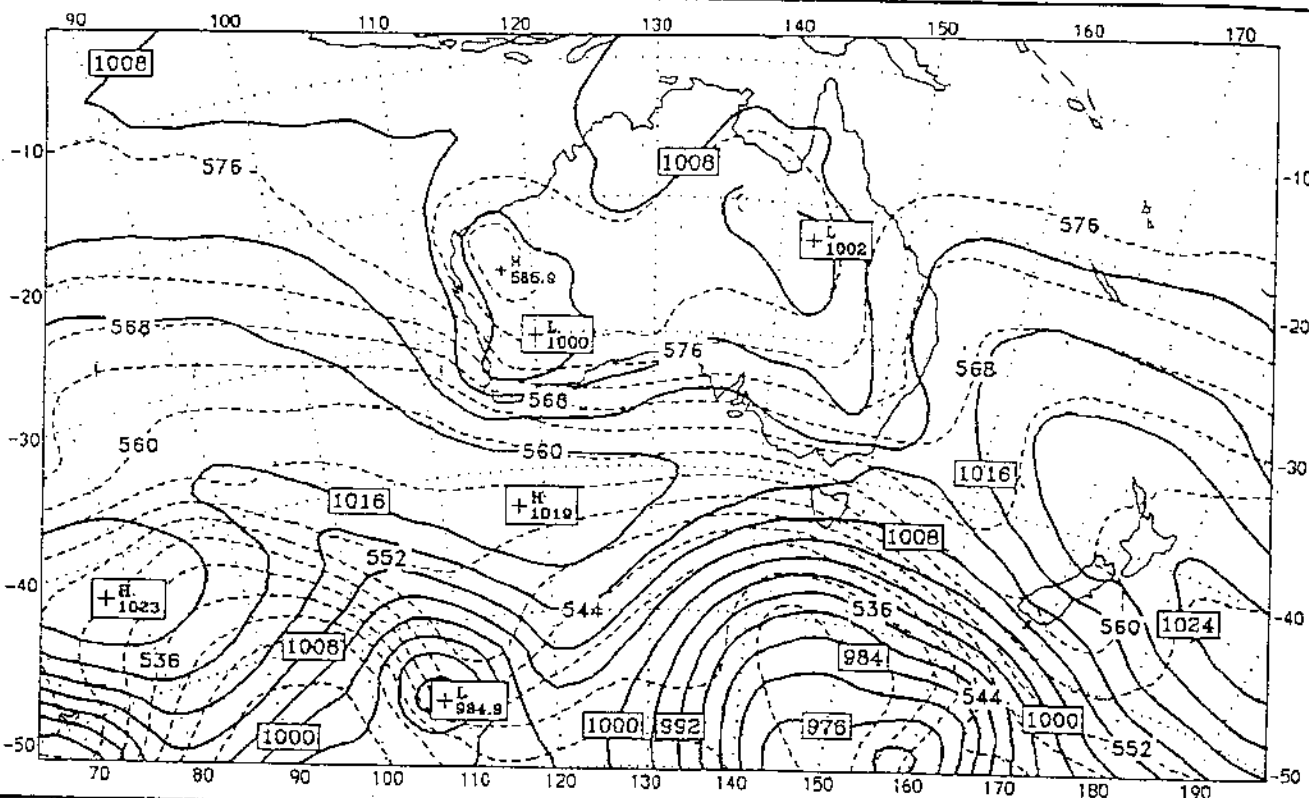
IMPORTANT: This information has been recovered directly from automatic recording equipment and has *not* been quality controlled by MHL. It should not be used for any commercial purpose without the written consent of the Manly Hydraulics Laboratory Manager.

NMC GASP T239L29 FORECAST

6DAY FORECAST

VALID 1200 UTC Thu 31 DEC 1998

MSLP



Contour interval 4 hPa

ISSUED: 18UTC

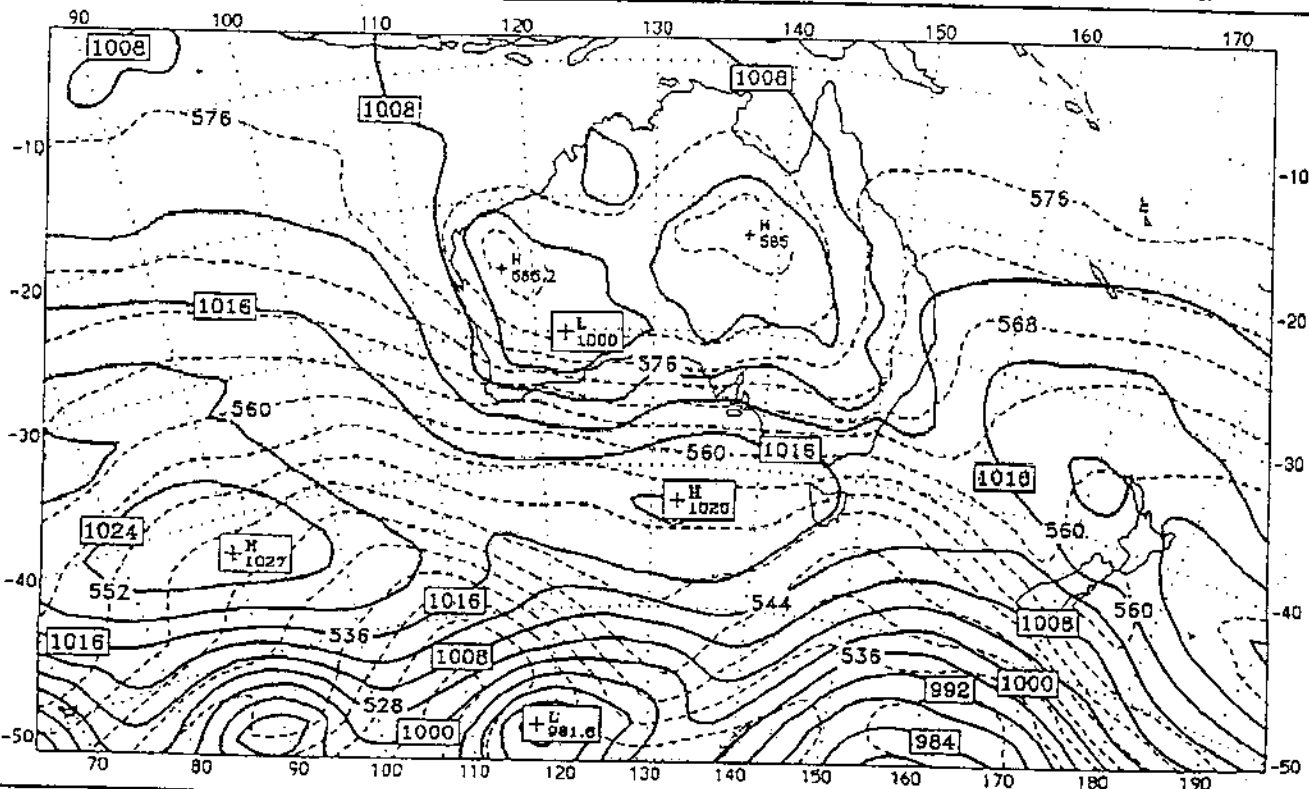
25 Dec 1998

NMC GASP T239L29 FORECAST

7DAY FORECAST

VALID 1200 UTC Fri 1 JAN 1999

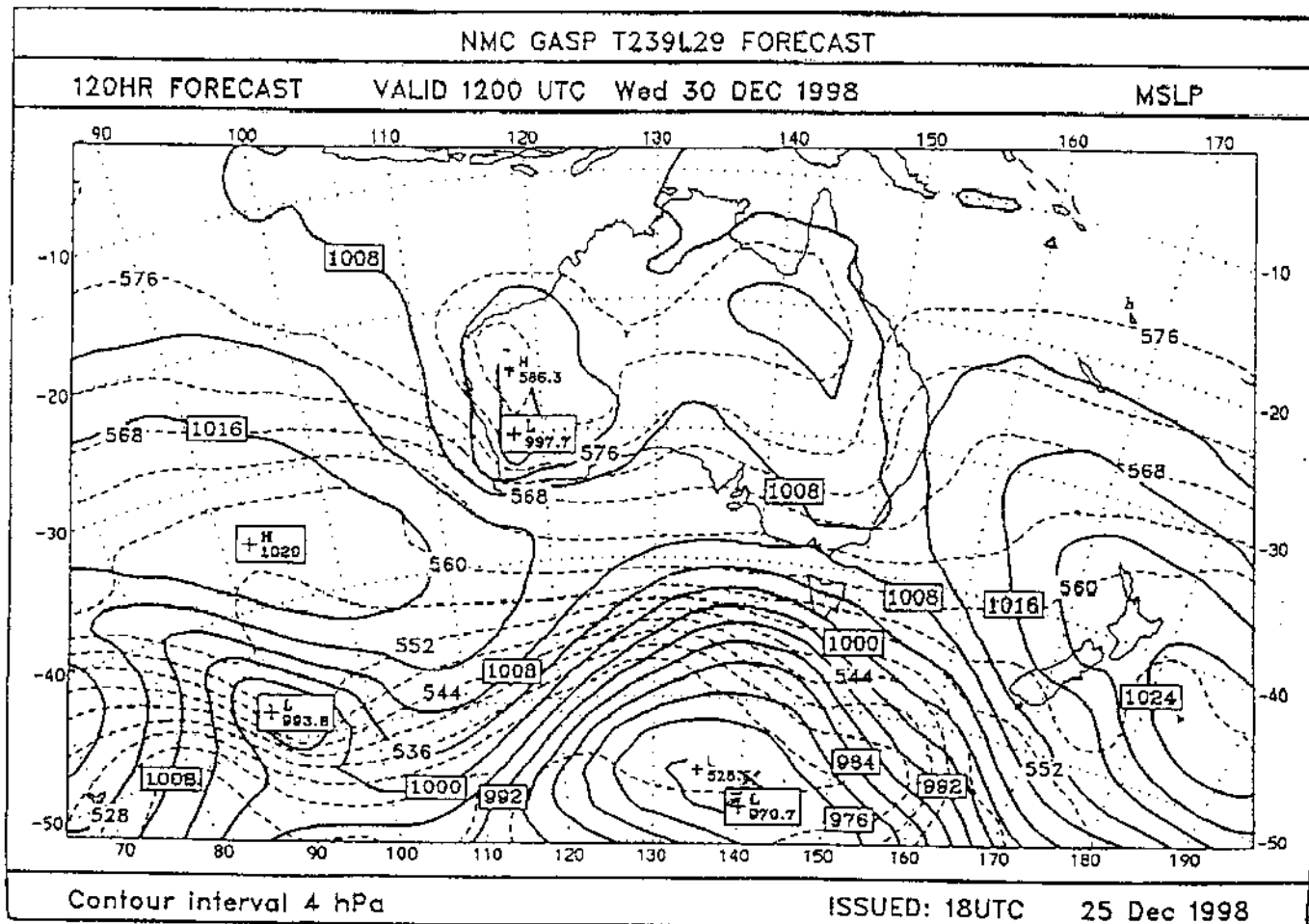
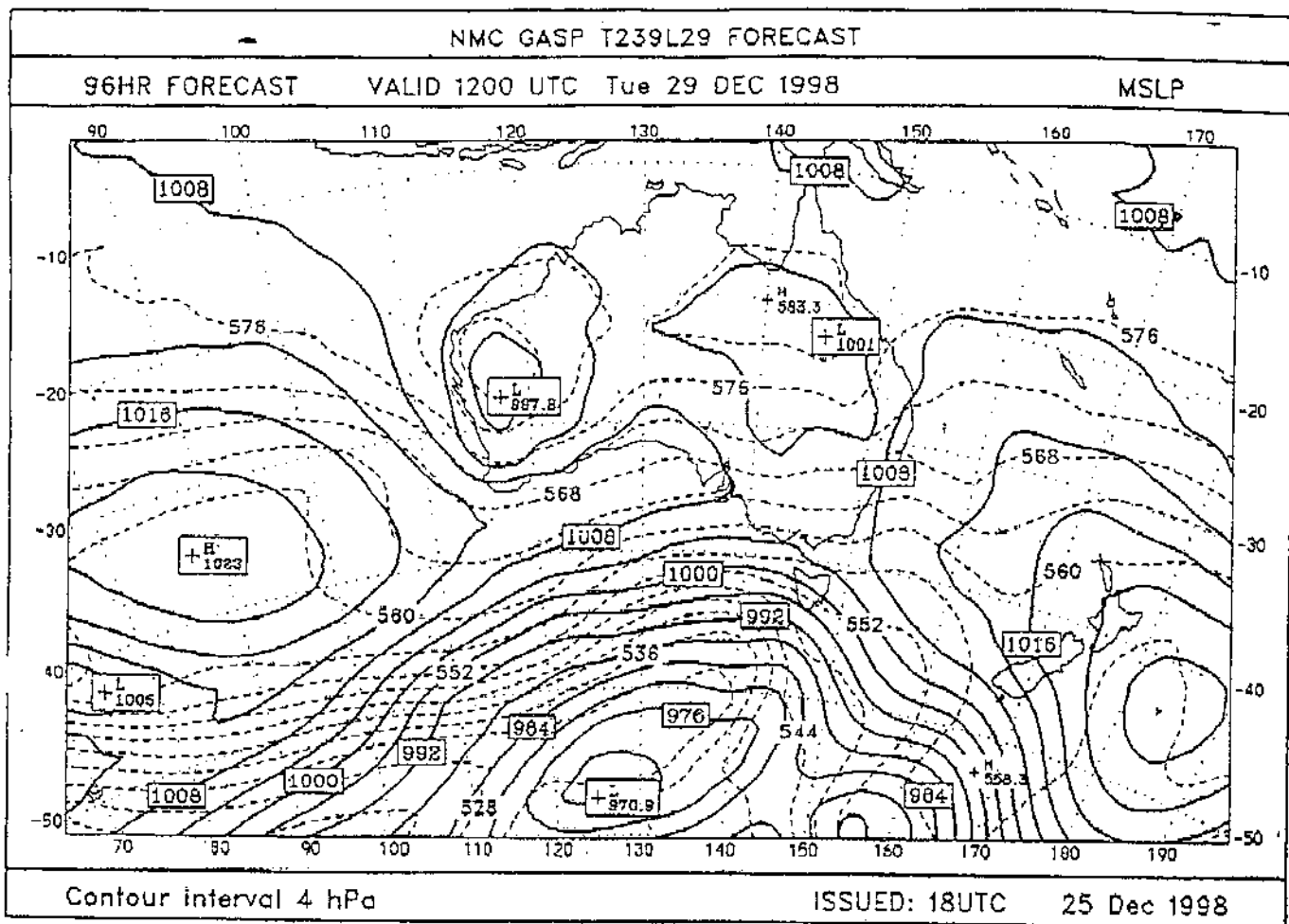
MSLP

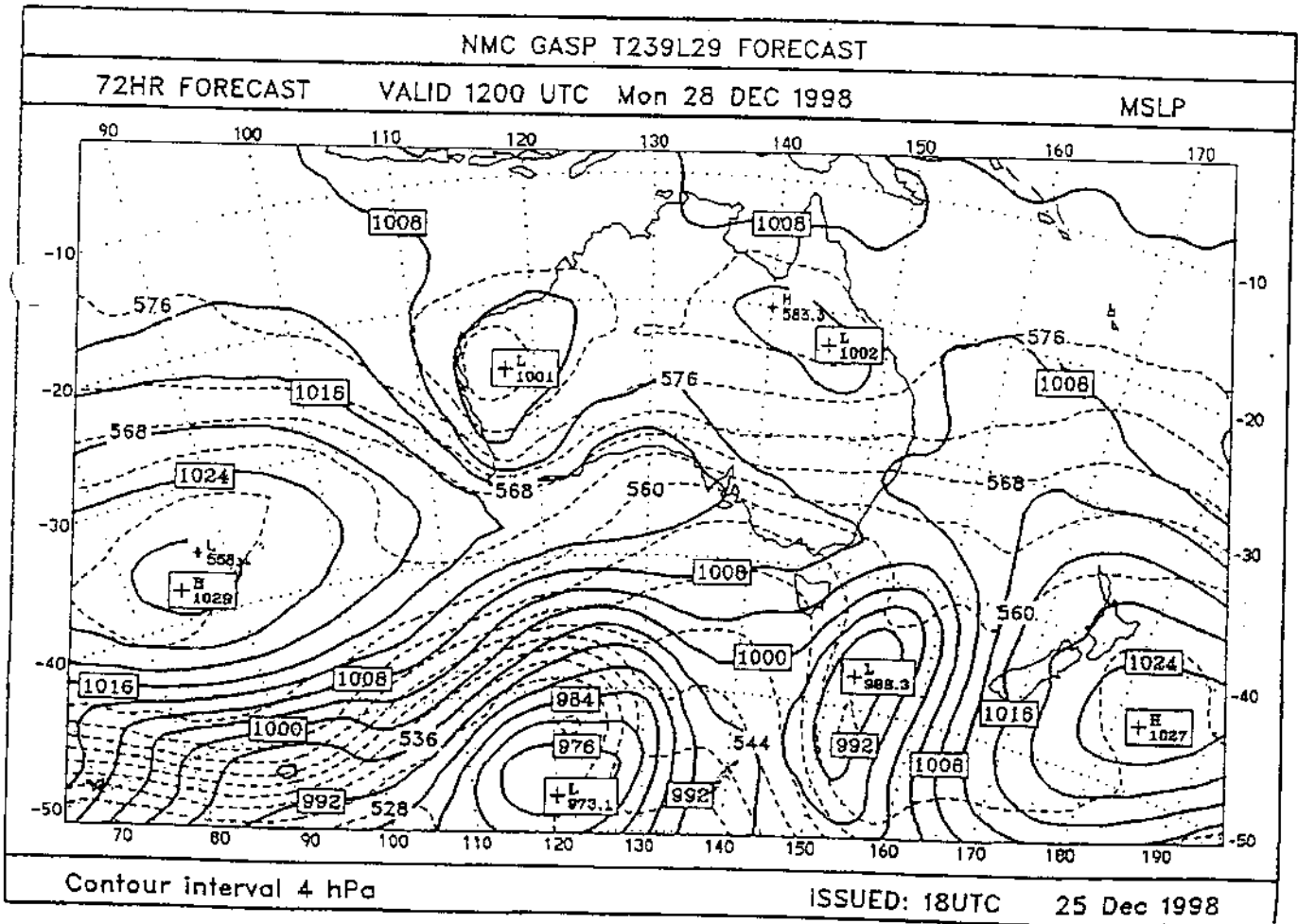
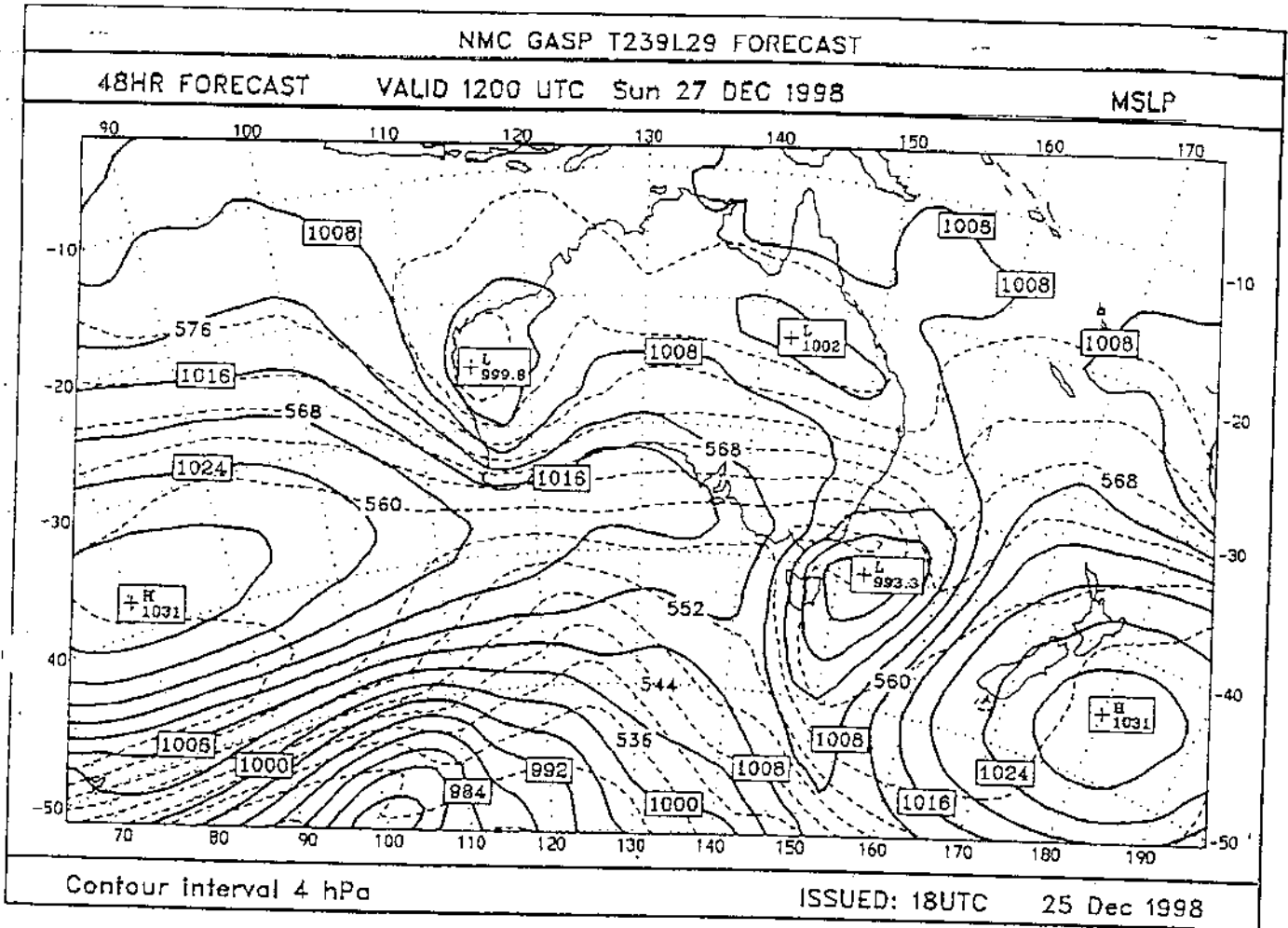


Contour interval 4 hPa

ISSUED: 18UTC

25 Dec 1998





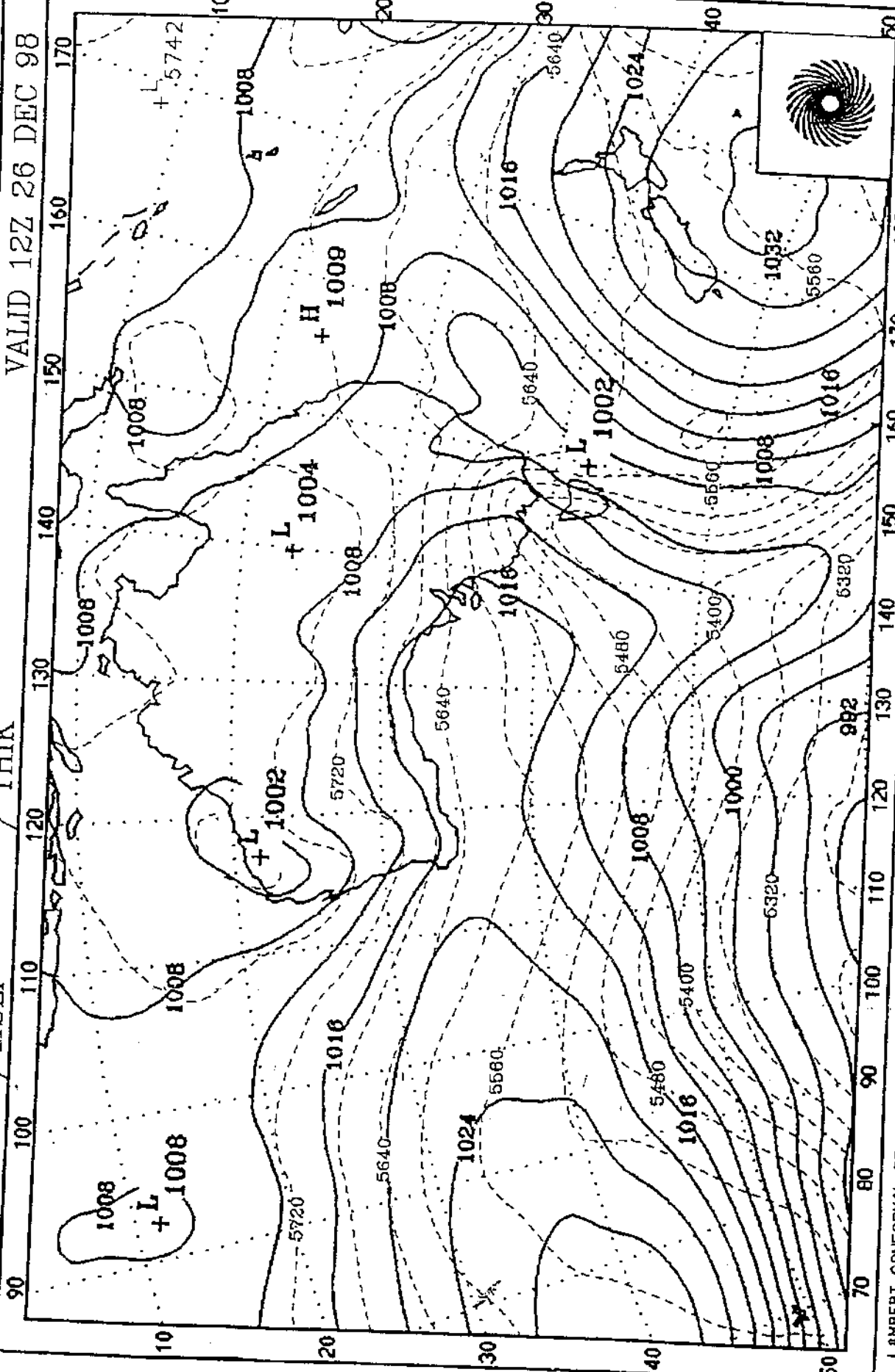
BUREAU OF METEOROLOGY

PROG(LAPS+24) MSLP

THIK

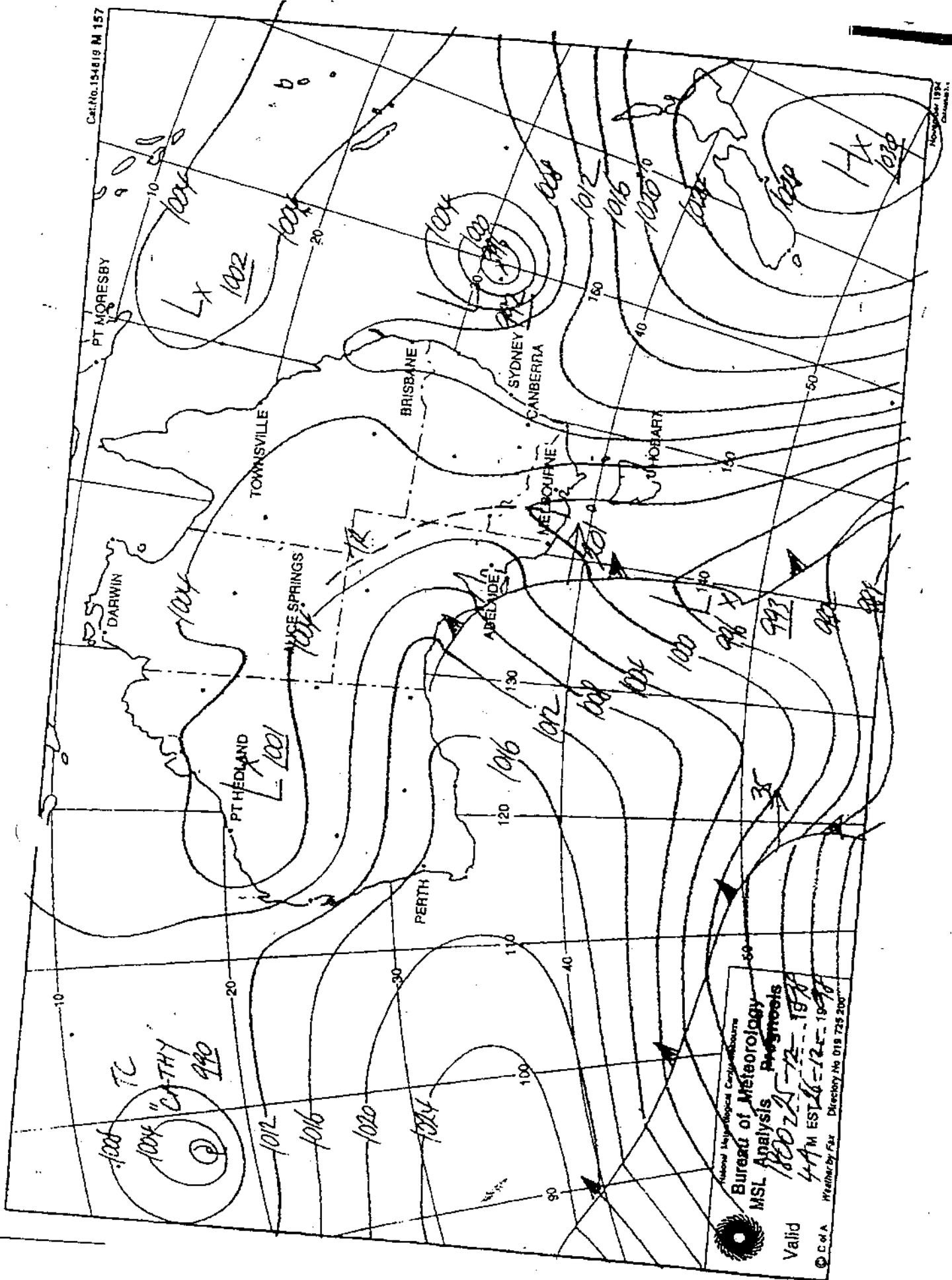
NMC MELBOURNE

VALID 12Z 26 DEC 98



LAMBERT CONFORMAL PROJECTION

ISSUED: 13UTC 25 DEC 98

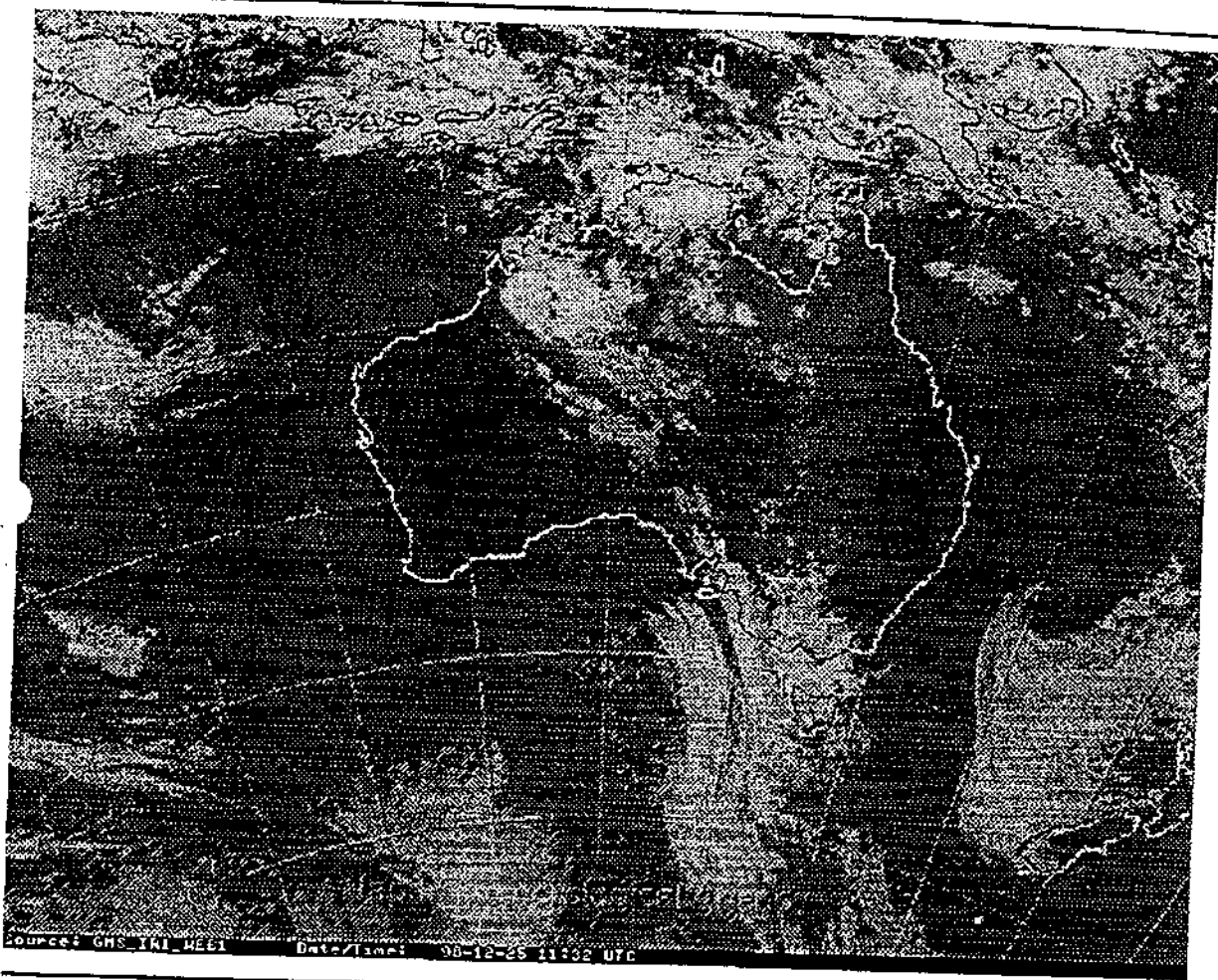


Cat.No.194819 M 157

Bureau of Meteorology
 MSL Analysis Programs
 1800 225 1212
 44 M EST 16-12-1998
 Weather by Fax Directory No 018 725 200



BUREAU OF METEOROLOGY



Source: Japan Meteorological Agency GMS-5
via Bureau of Meteorology, Australia

aptured: Fri Dec 25 12:00 UTC

[Return to: Met Net \(Home page\)](#)

[Help](#)

[Search this site](#)

[Send:Feedback](#)

© Copyright Commonwealth of Australia 1998, Bureau of Meteorology.

Users of these Web pages are deemed to have read and accepted the conditions described in the copyright declaration.

SYDNEY - HOBART QUESTIONNAIRE

We hope that the service from the Bureau of Meteorology will provide you with timely and accurate information, to enhance the safety of your passage to Hobart and also the chance to gain a competitive edge. In our endeavour to continue improving our services for this race, please take some time to answer the following questions and return this form in the reply paid envelope supplied. Wishing you a safe, fun and exciting race.
Brett Gage, Marine Weather Manager NSW.

Did you use the internet, weather fax, mobile phone or radio to access weather information during the race and did you experience any difficulties with the mode of access you used ?

Which products did you find most useful ?

Was the Sydney - Hobart forecast reasonably accurate and if not, when and why ?

Did the meso- scale charts provide good guidance against observed conditions and if not, which product was lacking accuracy and at what time and day ?

Is there any weather information that you know of, that was not provided in the weather pack, that you would like to be included for next years race ?

Weather by Fax (INFOFAX - Bureau fax based polling service)

Main Directory - Freepoll		1800 630100
Sydney-Hobart race forecast - Sydney to 38S		1902 935811
Sydney-Hobart race forecast - 38S to Hobart		1902 935812
Sydney-Hobart Coastal Observations		1902 935813
N.S.W. Coastal Waters forecasts		1902 935220
N.S.W. Marine warnings		1902 935071
N.S.W. Latest Coastal observations		1902 935229
Victorian Coastal Waters forecasts		1902 935230
Victorian Marine warnings		1902 935012
Victorian Latest Coastal observations		1902 935239
Tasmanian Coastal Waters forecasts -text		1902 935240
Tasmanian Coastal Waters forecasts - map		1902 935246
Tasmanian Marine warnings		1902 935049
Tasmanian Latest Coastal observations		1902 935249
Notes on the Weather (+4 day forecast)		1902 935422
	NSW	1902 935423
	VIC	1902 935424
	TAS	1902 935222
Sydney Metropolitan forecast		1902 935228
Current Sydney weather radar image		1902 935701
Lord Howe Island Forecast		1902 935242
Tasmanian State, Cities & Towns		
Aust region MSL Analysis chart		1902 935210
Aust region +24 Forecast chart		1902 935211
Aust region GASP 2-3 day Forecast charts		1902 935728
Aust region GASP 4-5 day Forecast charts		1902 935003
Aust region GASP 6-7 day Forecast charts		1902 935004
Latest satellite pictures (Australia)		1902 935201
Latest satellite pictures (SE Australia)		1902 935203
Model forecast winds - East Australia +12, +24, +36 hr		1902 935475
Aust region Total Wave		1902 935301
Aust region Swell		1902 935266
Recorded Telephone Service		
NSW coastal waters		1900 926101
Sydney Forecast		1900 969955
Victorian coastal waters		1900 926100
Tasmanian coastal waters		1900 926110
Hobart Forecast		1900 969966
		1900 969940
		1900 926157



BUREAU OF METEOROLOGY

WEATHER INFORMATION FOR THE SYDNEY- HOBART, TELSTRA CUP, and SYDNEY-COFFS HARBOUR YACHT RACES

Web Sites

<http://www.bom.gov.au>

The Australian Bureau of Meteorology home page. Add /marine for ocean products.

http://www.bom.gov.au/reguser/sp_ev/sydhob.shtml

(Note: Remember to include the underscore "_" in sp_ev)

Web page set up by the Bureau of Meteorology especially for Sydney - Hobart Yacht Race competitors, including latest hourly coastal observations, weather charts and high resolution wind, sea and swell prognoses.

<http://www.bom.gov.au/info/wmd/olympic/>

Latest observations and forecasts around Sydney Harbour.

Link to the Manly Hydraulics Laboratory near real time NSW wave data and graphs. For the MHL home page go to <http://www.mhl.nsw.gov.au>

http://www.marine.csiro.au/yacht_races/

For the best satellite imagery of Sea Surface Temperatures from CSIRO.

(Note the underscore "_" in yacht_races)

<http://www.syd-hob.telstra.com.au/weather/index.cfm>

Telstra's Sydney-Hobart weather page.

H. H. H. + 3

Printed by COMMS #137
40:4:450300141:::2
IDS00N00

BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St. Sydney, Ph [02] 9296 1555

SYDNEY - HOBART YACHT RACE FORECAST
26 - 31 December 1998

Forecasts issued from Sydney covering Sydney --> 38S
on Weather by fax 1902 935 244

Dec 26 (0500, 1000, 1300)	Sydney	-->	Jervis Bay
27 (0200, 1300)	Jervis Bay	-->	Gabo Island
28 (0200, 1300)	Jervis Bay	-->	Gabo Island

Forecasts issued from Hobart covering 38S --> Hobart
on Weather by fax 1902 935 247

Dec 27 (1300)	Bass Strait
28 (0200, 1300)	Bass Strait & East Coast Tas. from 1300
29 (0200, 1300)	Bass Strait & East Coast Tas.
30 (0200, 1300)	Bass Strait & East Coast Tas.
31 (0200, 1300)	Bass Strait & East Coast Tas.

Coastal Observations are available from 1902 935 813

ISSUED BY THE BUREAU OF METEOROLOGY, SYDNEY
Issued at 0904 on Saturday the 26th of December 1998.

FOR

AREA: Sydney to Jervis Bay.

SYNOPTIC SITUATION: A high near New Zealand is ridging onto the central NSW coast. A low 995hPa near Lord Howe Island is slow moving. A cold front is over western Victoria.

WARNINGS: Gale Warning is current south from Broken Bay.

WIND: Northeast wind 10/15 knots freshening to 15/25 knots by late afternoon or evening. A S/SW change 30/35 knots, with stronger gusts, expected near Jervis Bay around midnight-2am and then near Sydney around n-Sam Sunday.

WAVES: 1 to 2 metres, rising to 3 to 4 metres with S'yly change.

SWELL: 1 to 1.5 metres, increasing to 2 to 3 metres after S'yly change.

WEATHER: Scattered showers and thunderstorms developing this evening ahead of the change. A few showers persisting following the southerly change.

OUT LOOK FOR NEXT 48 HOURS: Winds moderating north of Jervis Bay Sunday evening. Strong to gale force SW/W winds south of Jervis Bay expected to moderate Monday evening.

----- End COMMS message -----



BUREAU OF METEOROLOGY

NEW SOUTH WALES REGIONAL OFFICE 300 Elizabeth Street, Sydney NSW 2000 Tel: (02) 9296 1555 Fax: (02) 9296 1589
 ADDRESS CORRESPONDENCE TO: Regional Director Bureau of Meteorology PO Box 413 Darlinghurst NSW 2010

In reply please quote

To Detective Senior Constable Stewart Gray

From Pat Sullivan
 Regional Director (NSW)

Fasc 0264 929911

Stewart,

I'm sending ~~two~~ ^{three} fascs to reduce any confusion.

The first consists of 32 pages in a copy of the handbook to race competitors prior to the race.

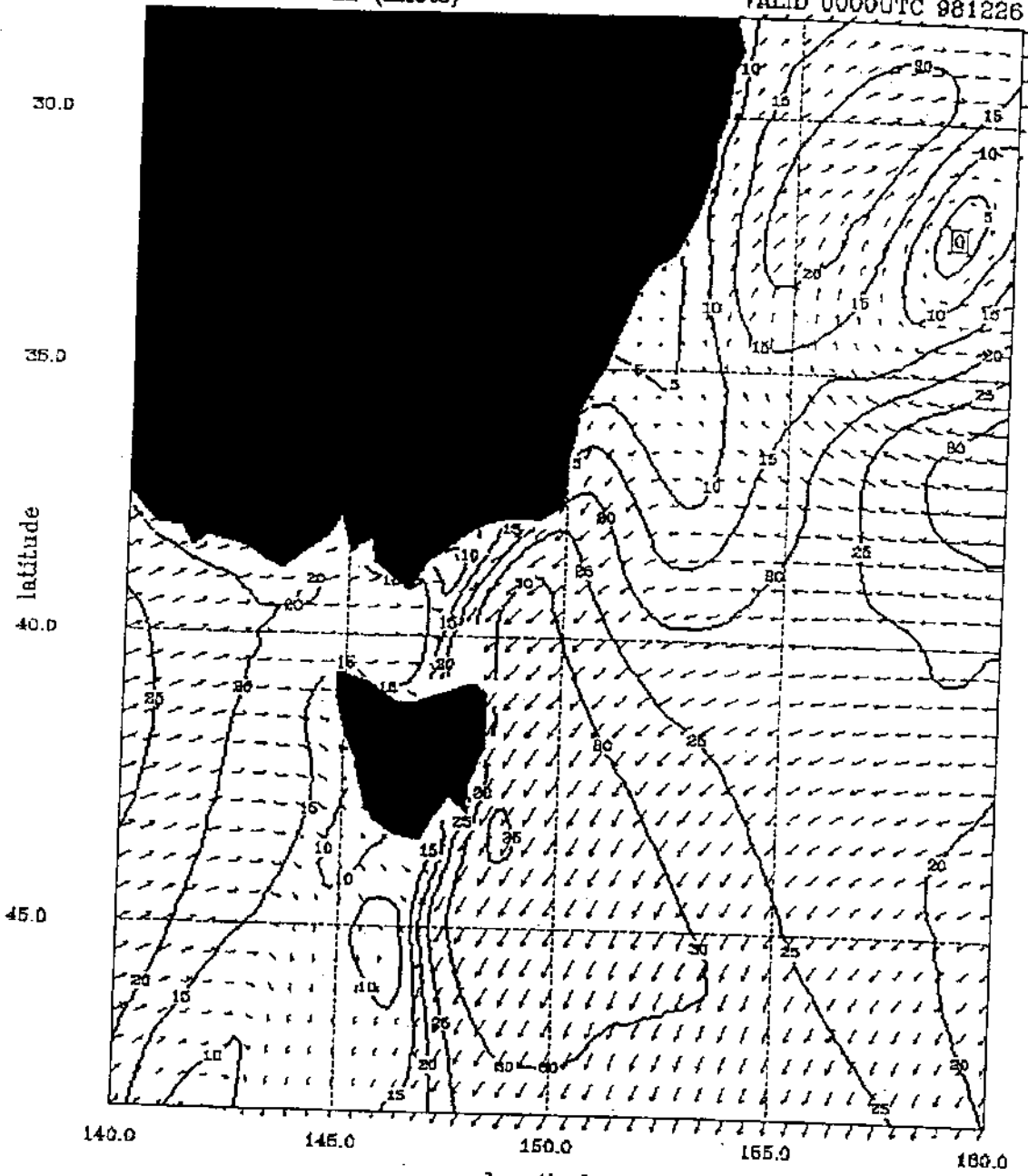
The second consisting of 9 pages is copies of fascs provided via fac to CYCA (the Young Endeavour?)

The third consisting of 9 pages is copies of coastal notes warnings issued by the Bureau Set - Monday.

Pat Sullivan 31/12/98

FORECAST FROM MESO SCALE WAM
10m WIND SPEED (knots)

12 HR FORECAST
VALID 0000UTC 981226



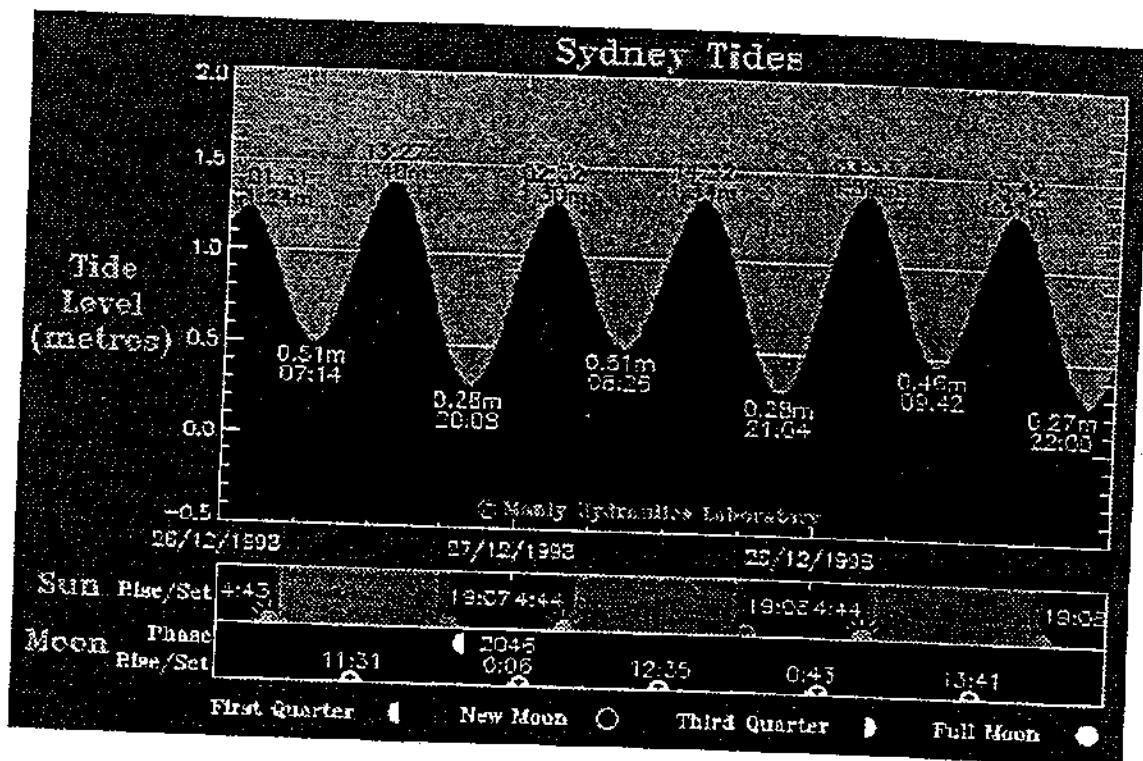
QC of A Weather by Fax Directory No 1880 620 900

Bureau of Meteorology
Specialised Oceanographic Centre

Sydney Predicted Tide

Predicted tidal levels for other New South Wales ocean locations will vary from those at Sydney although, in general, the variation will not be more than 0.2 metres. The maximum time difference for other NSW coastal ports is up to 10 minutes. The actual tide may differ from the predicted tide due to meteorological and oceanographic conditions. Zero on the tide plot is Indian Springs Low Water, which is approximately the level of the Lowest Astronomical Tide.

Data similar to this and much more generally useful information is published in the NSW Tide Charts.



Note: All times are Australian Eastern Standard Time.

Important: These predictions have been generated from data recorded by MHL and are NOT the official tide predictions for Sydney and should not be used for navigational purposes.

For inquiries about this data contact Col Nalty, CNalty@mhl.nsw.gov.au.

MHL Home Page | Tide Glossary | MHL Tidal Data Collection | © Copyright MHL

**TIDE PREDICTIONS FOR HOBART
DECEMBER - 1998**

Fri 18		Sat 19		Sun 20		Mon 21		Tue 22		Wed 23		Thu 24	
Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)
0642	1.7	0004	1.2	0045	1.3	0138	1.3	0250	1.3	0030	1.4	0104	1.4
1439	0.8	0719	1.7	0800	1.7	0842	1.7	0929	1.7	0436	1.3	0551	1.3
2125	1.3	1520	0.7	1601	0.7	1643	0.7	1724	0.7	1019	1.6	1116	1.6
		2220	1.3	2310	1.3	2352	1.4			1805	0.7	1845	0.7

**TIDE PREDICTIONS FOR HOBART
DECEMBER - 1998**

Fri 25		Sat 26		Sun 27		Mon 28		Tue 29		Wed 30		Thu 31	
Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)
0139	1.5	0214	1.5	0249	1.6	0328	1.6	0408	1.7	0453	1.8	0542	1.8
0656	1.2	0800	1.1	0904	1.0	1007	0.9	1110	0.8	1212	0.7	1313	0.6
1219	1.5	1324	1.5	1430	1.4	1543	1.4	1701	1.4	1819	1.3	1930	1.4
1927	0.7	2007	0.8	2047	0.8	2127	0.9	2207	1.0	2248	1.0	2334	1.1

**TIDE PREDICTIONS FOR HOBART
JANUARY - 1999**

Fri 1		Sat 2		Sun 3		Mon 4		Tue 5		Wed 6		Thu 7	
Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)	Time	(m)
0633	1.9	0025	1.2	0132	1.3	0312	1.3	0437	1.3	0034	1.5	0117	1.5
1411	0.5	0727	1.9	0821	1.9	0915	1.8	1013	1.7	0547	1.2	0651	1.2
2039	1.4	1507	0.5	1601	0.5	1654	0.6	1745	0.6	1110	1.6	1207	1.5
		2145	1.4	2247	1.4	2345	1.5			1831	0.7	1914	0.8

Copyright. National Tidal Facility, The Flinders University of South Australia.
Times stated are Eastern Standard Time. During Daylight Saving Time (if in force) one hour needs to be added to the times stated.



NTF Home Page

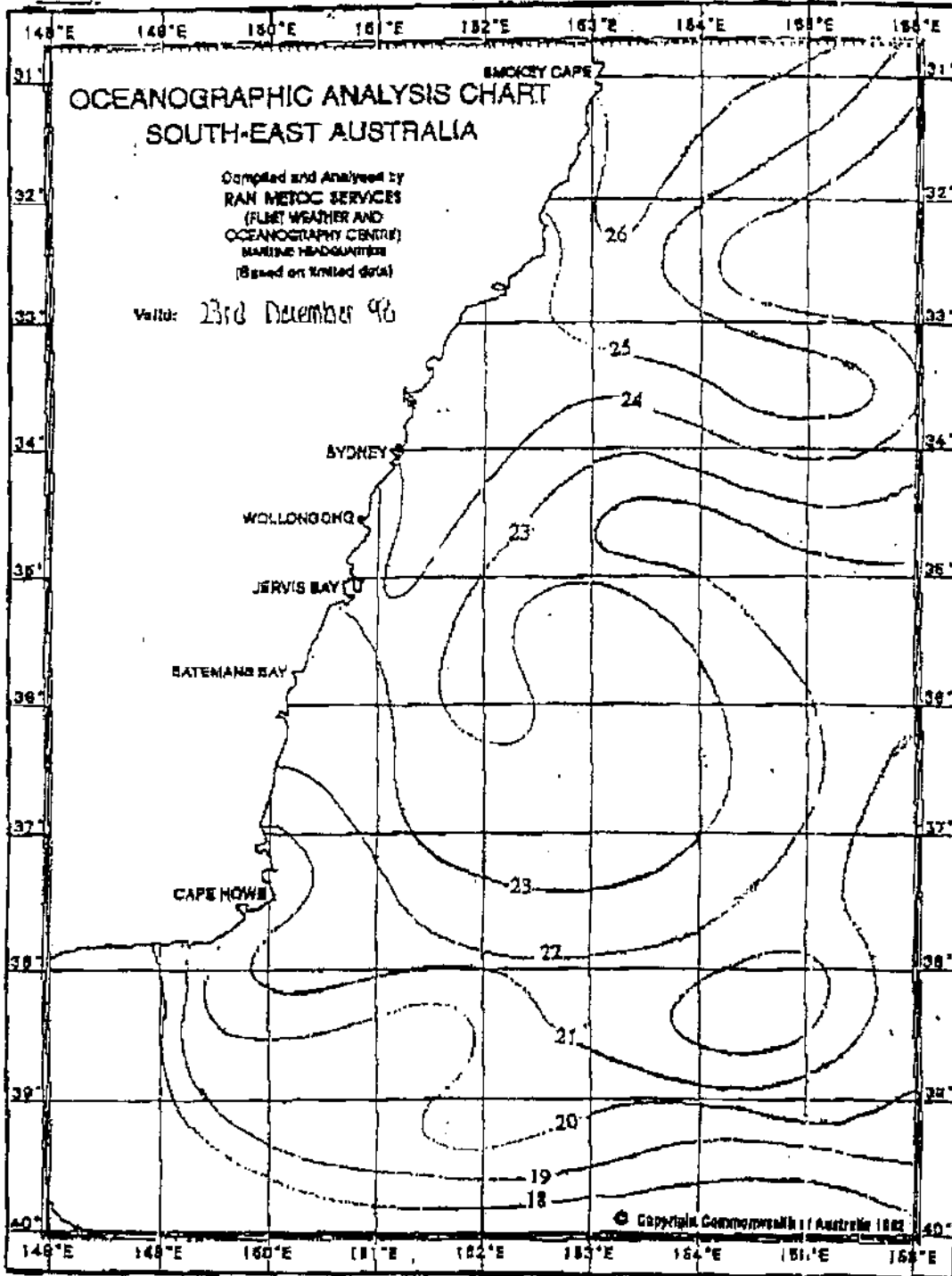
Comments and Queries to Paul Please.

DEC-23-98 15:28 FRDM:95634182

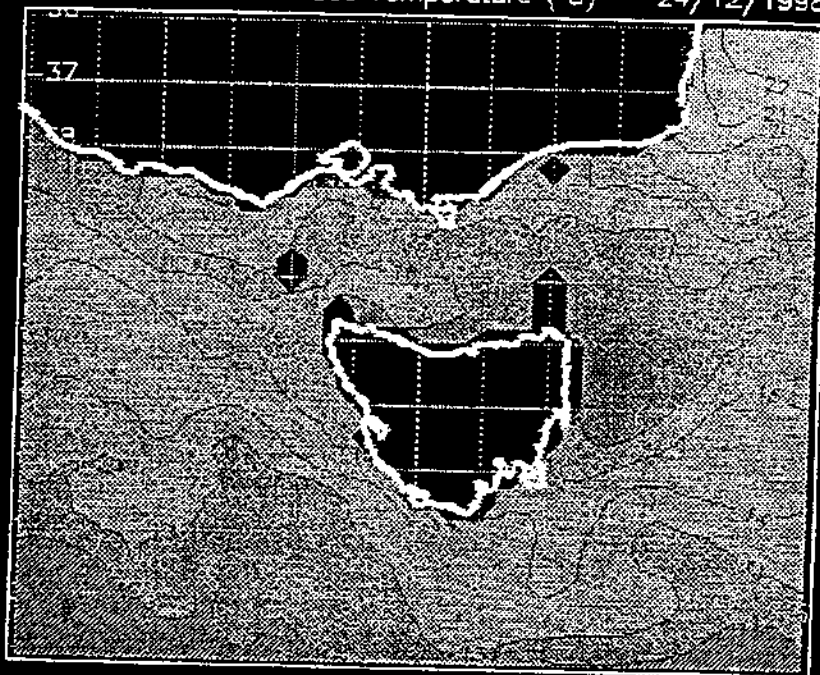
NAME:FWDC

PAGE 1 / 4

SEA SURFACE ISOTHERMS (°C)



REGION SST: Regional Analysis
REGION: Victoria/Tasmania
PARAMETER: Sea Surface Temperature (°C) 24/12/1998

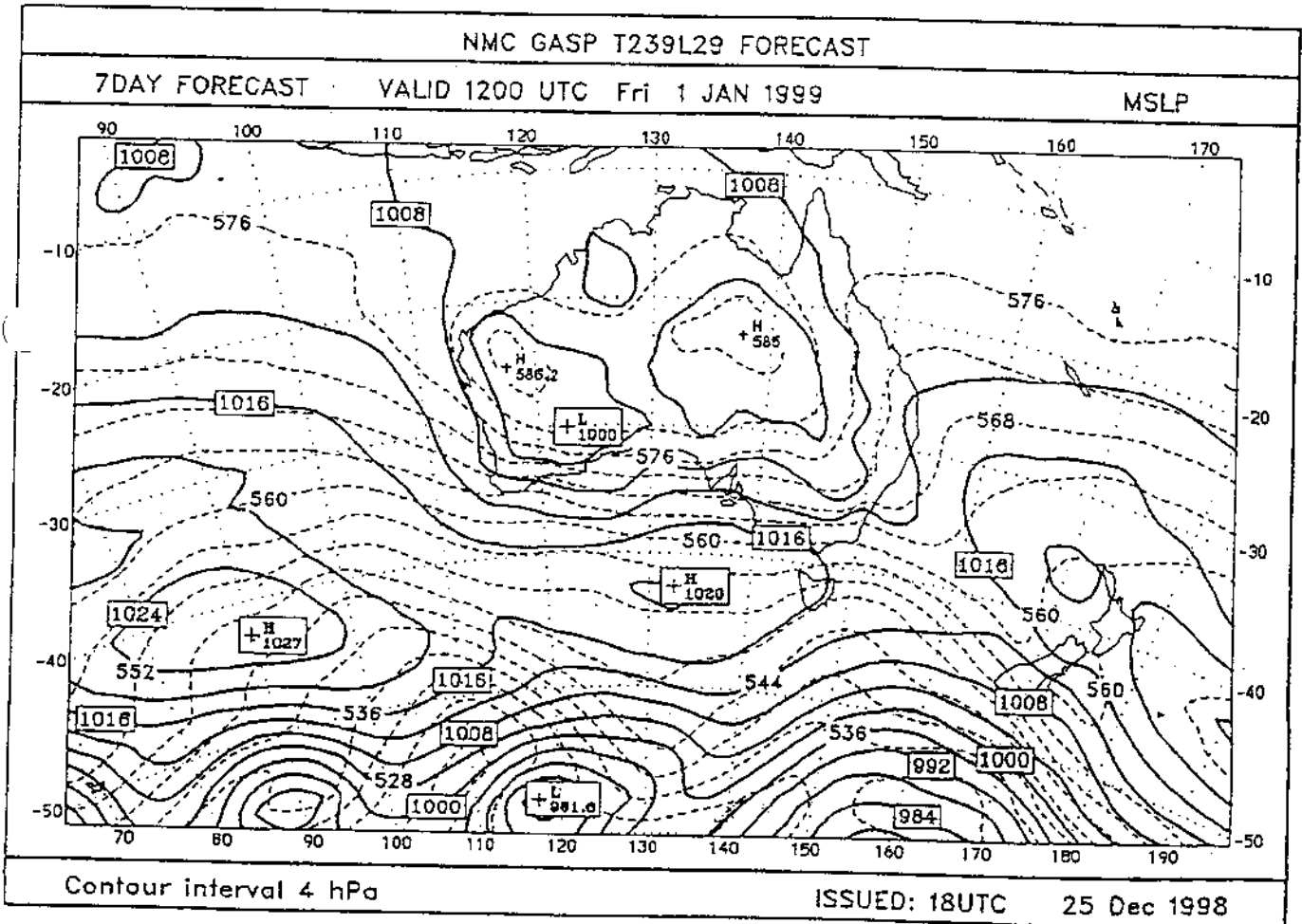
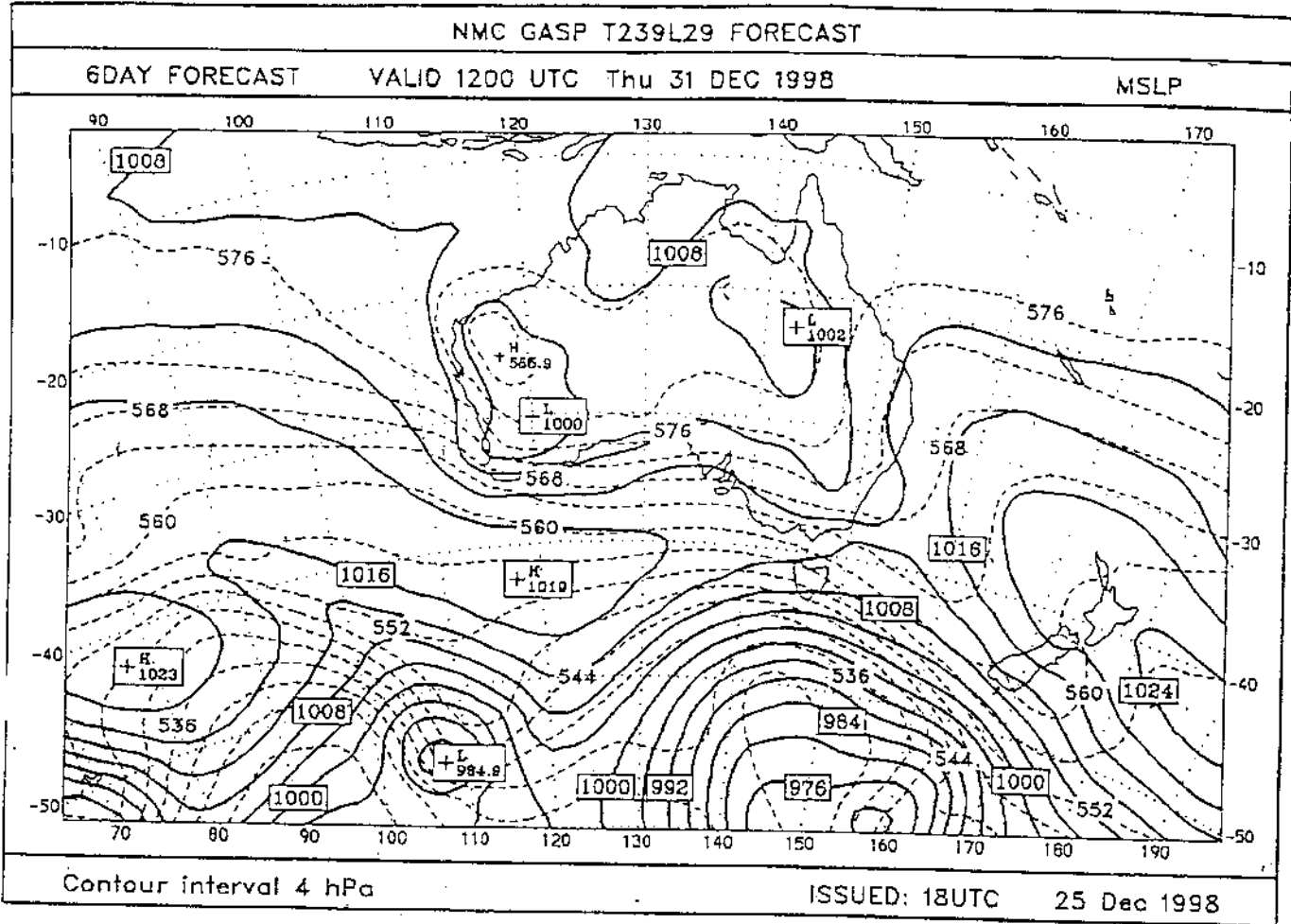


Produced by NMC BOM Specialised Oceanographic Centre
Weather by Fax: 1800 530 100 Free fax services directory
Weathercall: 1800 657 999 Free voice services directory
Internet URL: <http://www.bom.gov.au>
Copyright © By Commonwealth of Australia Product No: IDV10008

REGION SST: Regional Analysis
REGION: N.S.W. Coast
PARAMETER: Sea Surface Temperature (°C) 24/12/1998



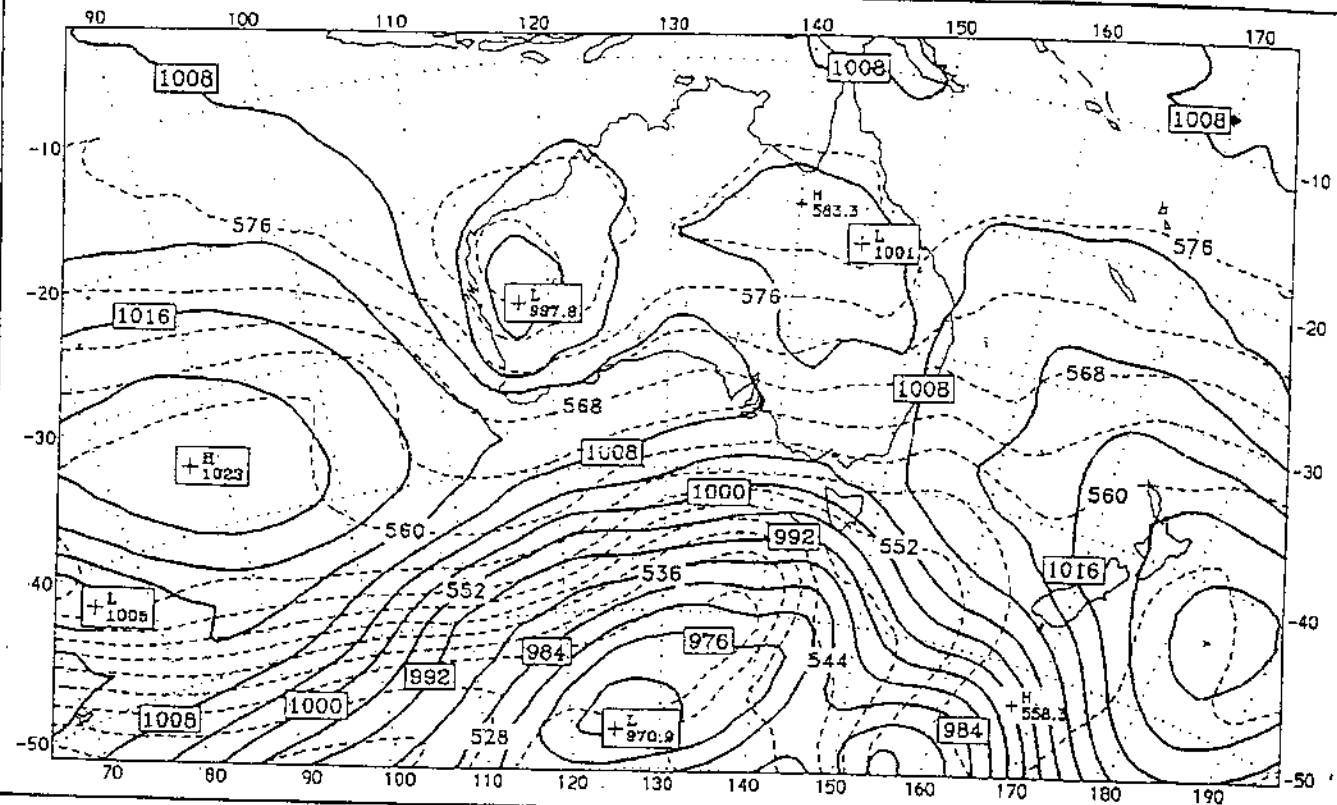
Produced by NMC BoM Specialized Oceanographic Centre
Weather by Fax: 1800 630 100 Free fax concise directory
Weathercall: 1800 637 999 Free voice services directory
Internet URL: <http://www.bom.gov.au>
Copyright © by Commonwealth of Australia Product No.: 10Y00003



NMC GASP T239L29 FORECAST

96HR FORECAST VALID 1200 UTC Tue 29 DEC 1998

MSLP



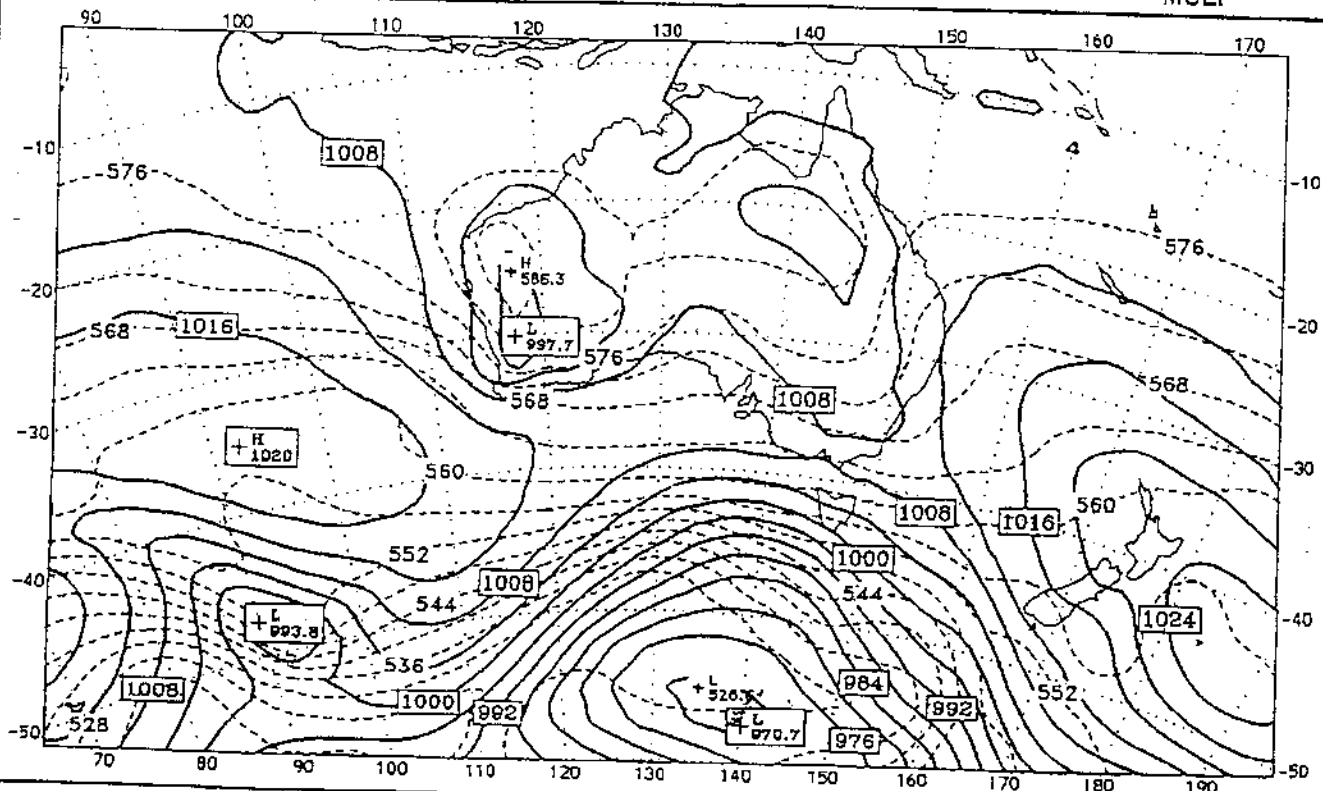
Contour interval 4 hPa

ISSUED: 18UTC 25 Dec 1998

NMC GASP T239L29 FORECAST

120HR FORECAST VALID 1200 UTC Wed 30 DEC 1998

MSLP



Contour interval 4 hPa

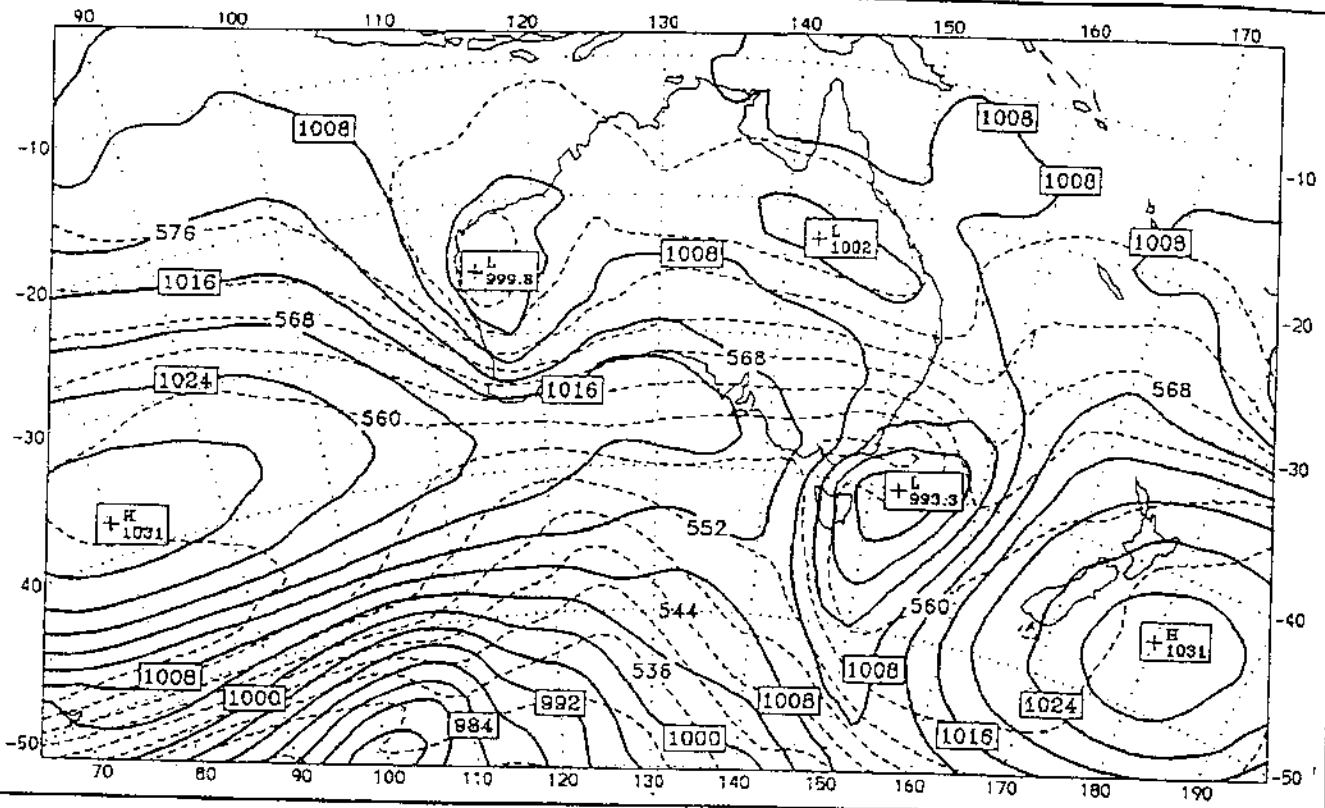
ISSUED: 18UTC 25 Dec 1998

NMC GASP T239L29 FORECAST

48HR FORECAST

VALID 1200 UTC Sun 27 DEC 1998

MSLP



Contour interval 4 hPa

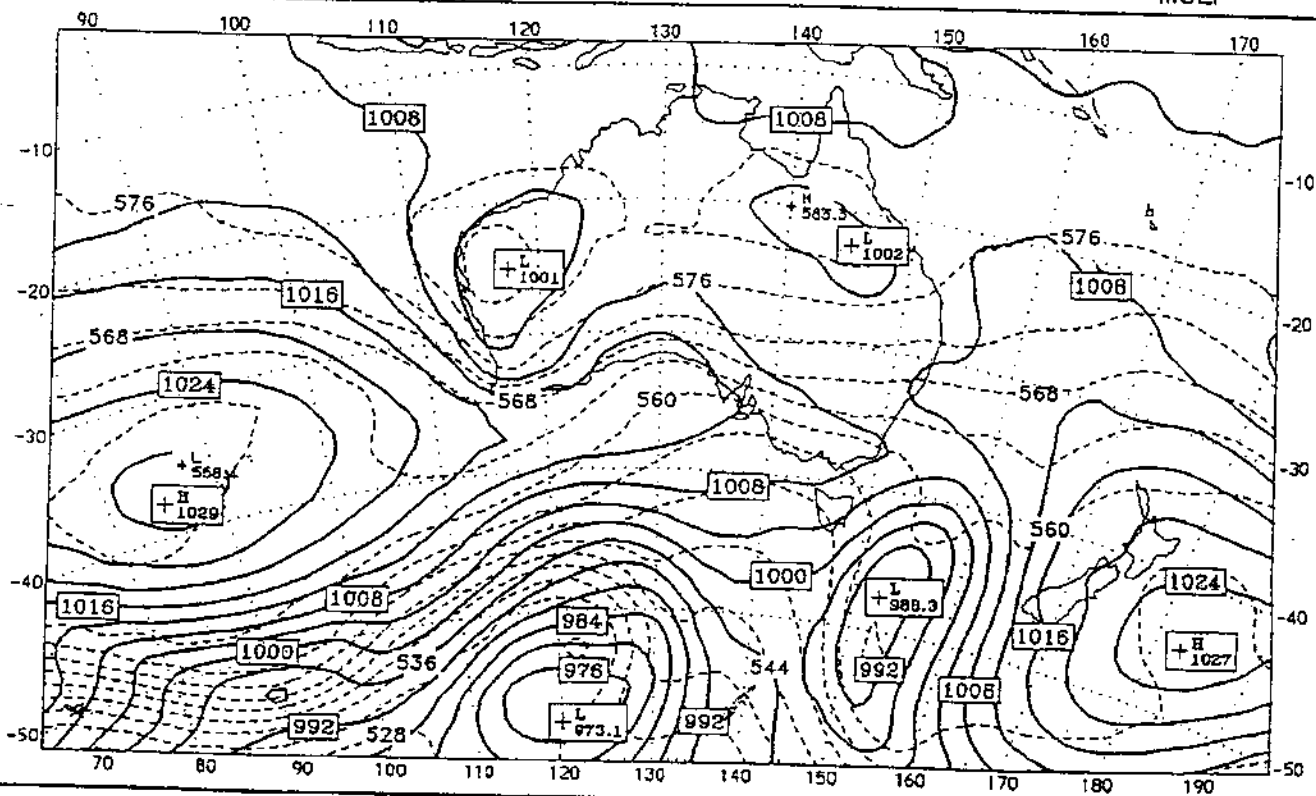
ISSUED: 18UTC 25 Dec 1998

NMC GASP T239L29 FORECAST

72HR FORECAST

VALID 1200 UTC Mon 28 DEC 1998

MSLP



Contour interval 4 hPa

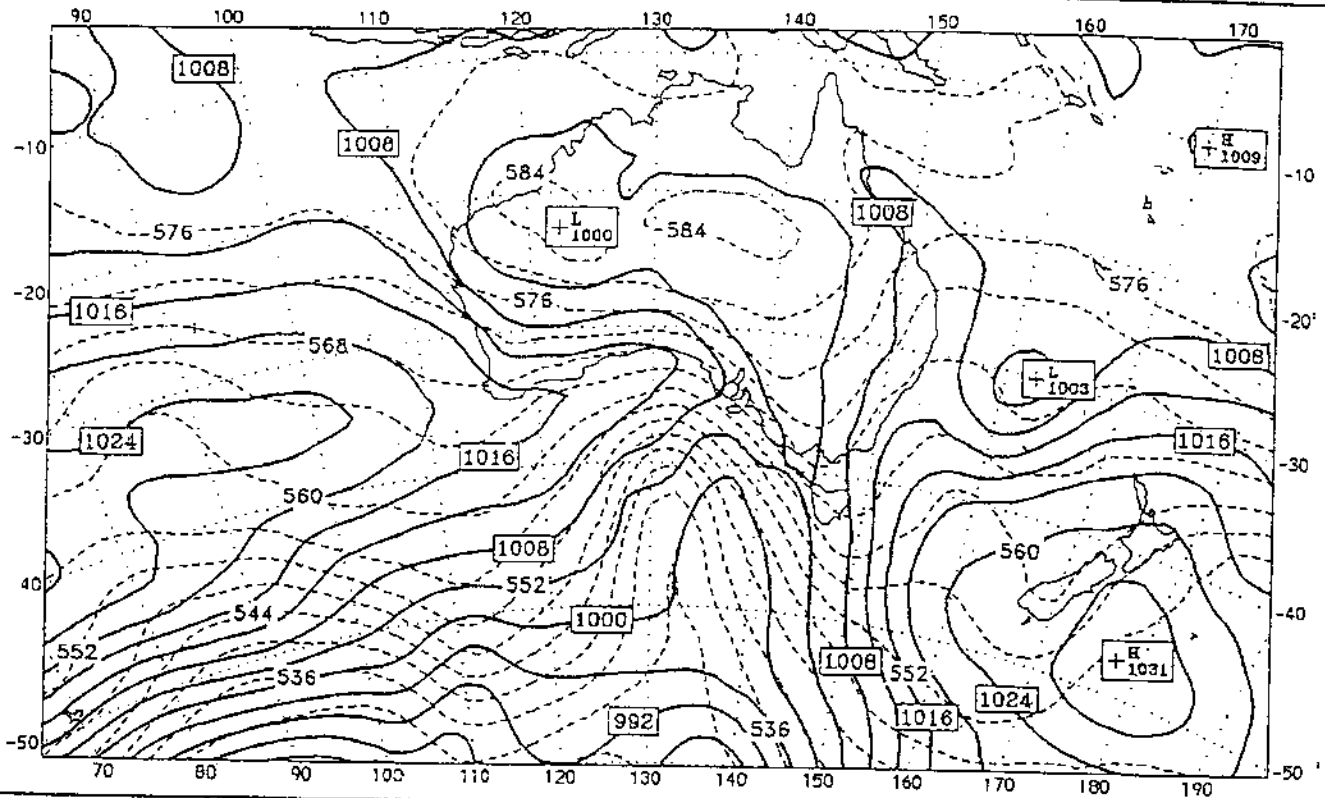
ISSUED: 18UTC 25 Dec 1998

NMC GASP T239L29 ANALYSIS

ANALYSIS

VALID 1200 UTC Fri 25 DEC 1998

MSLP



Contour interval 4 hPa

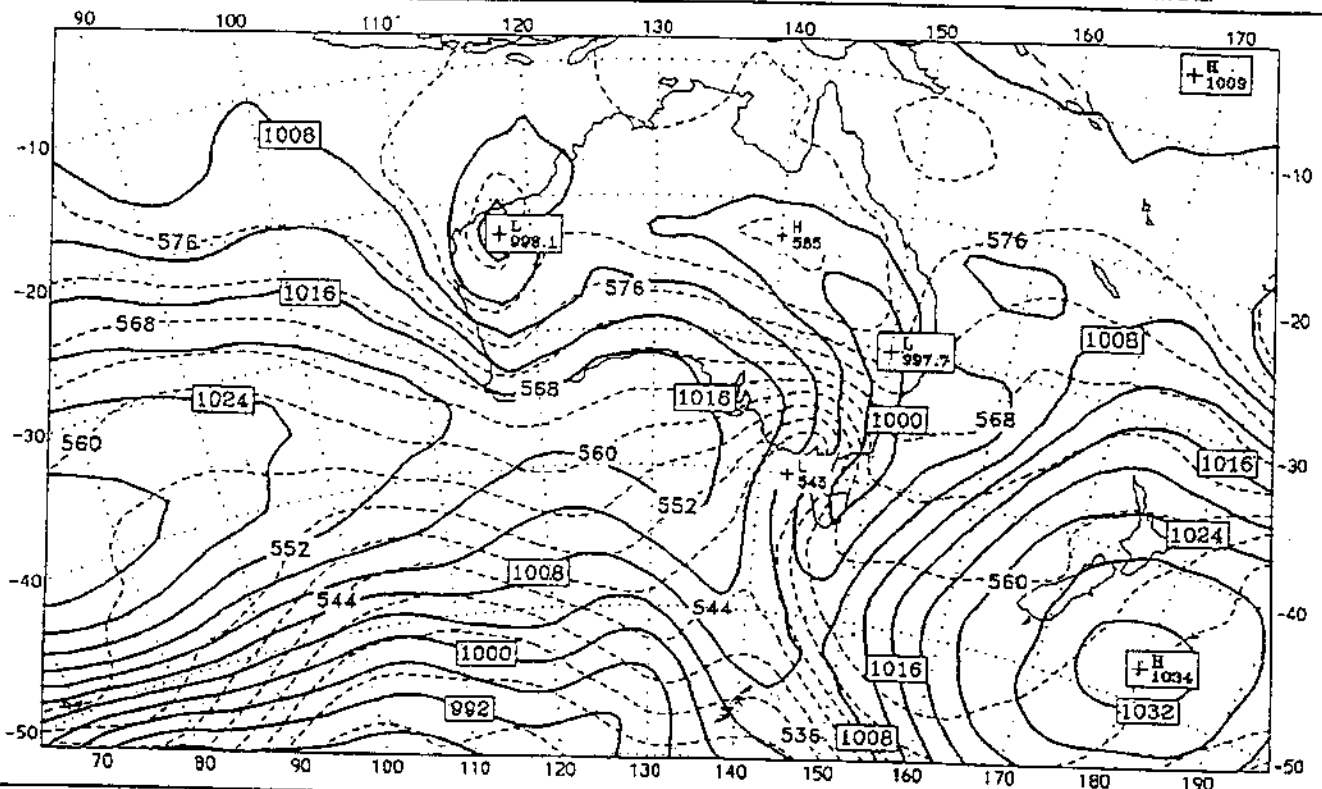
ISSUED: 18UTC 25 Dec 1998

NMC GASP T239L29 FORECAST

24HR FORECAST

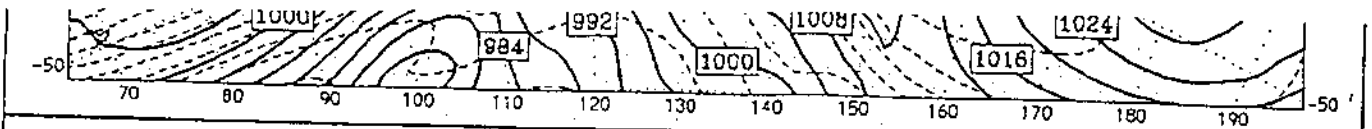
VALID 1200 UTC Sat 26 DEC 1998

MSLP



Contour interval 4 hPa

ISSUED: 18UTC 25 Dec 1998



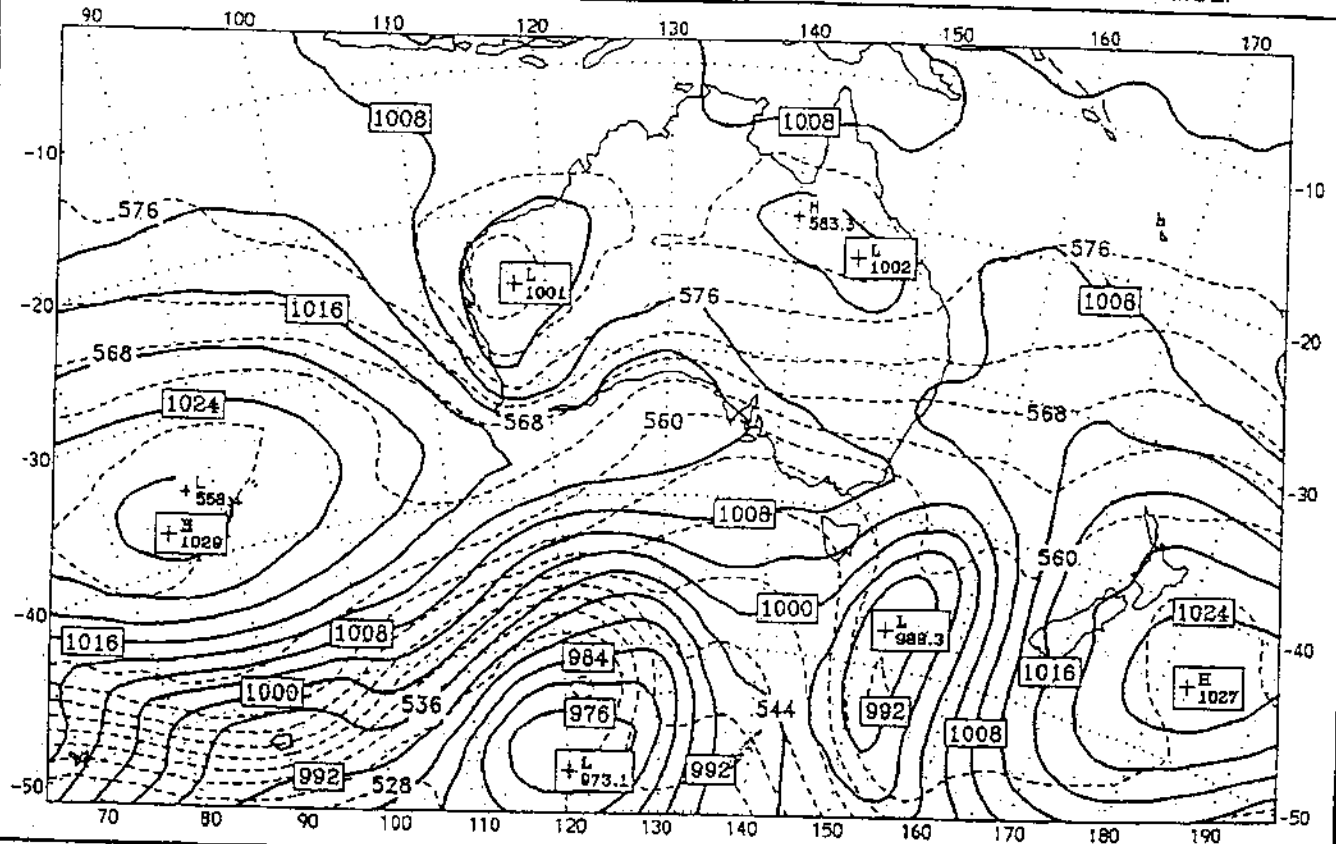
Contour interval 4 hPa

ISSUED: 18UTC 25 Dec 1998

NMC GASP T239L29 FORECAST

72HR FORECAST VALID 1200 UTC Mon 28 DEC 1998

MSLP



Contour interval 4 hPa

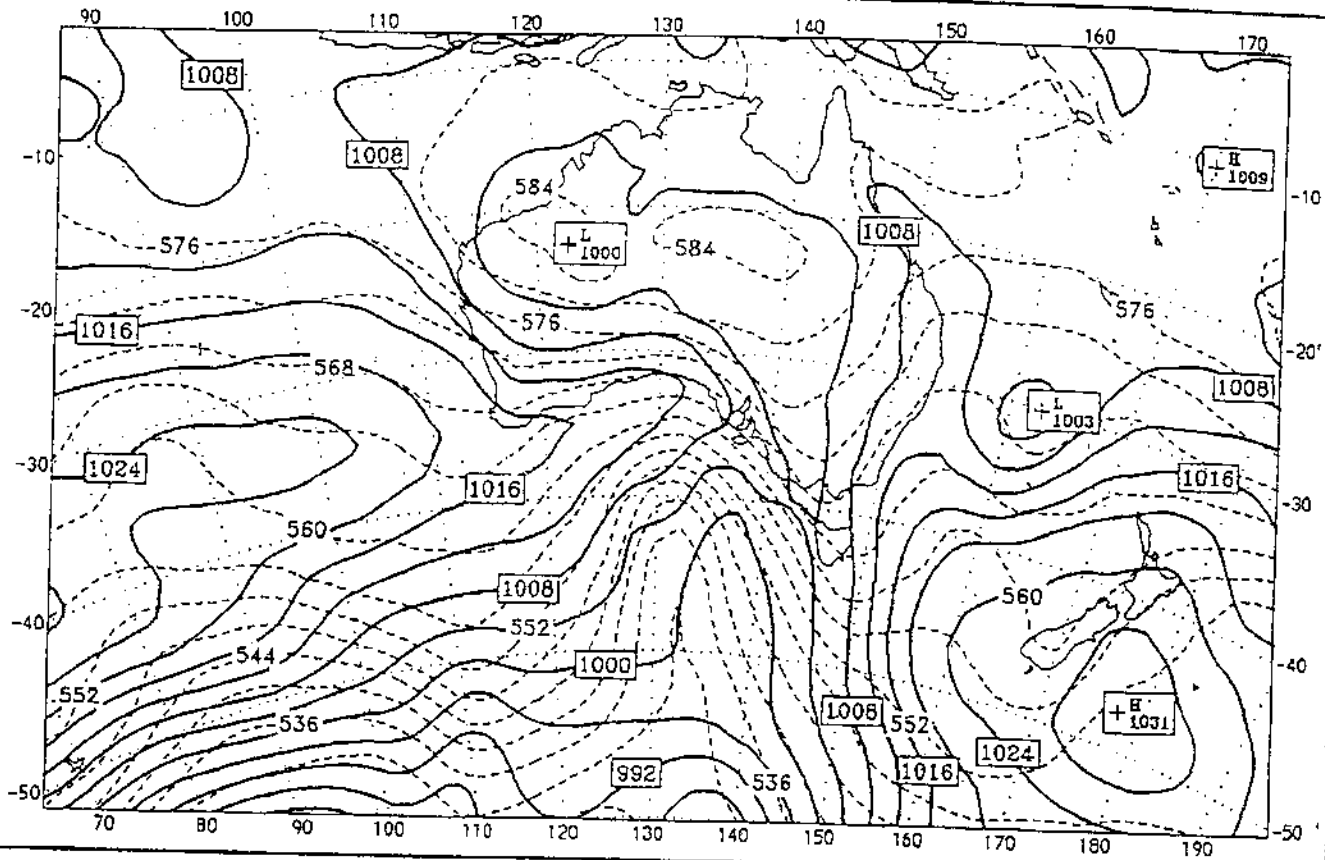
ISSUED: 18UTC 25 Dec 1998

NMC GASP T239L29 ANALYSIS

ANALYSIS

VALID 1200 UTC Fri 25 DEC 1998

MSLP



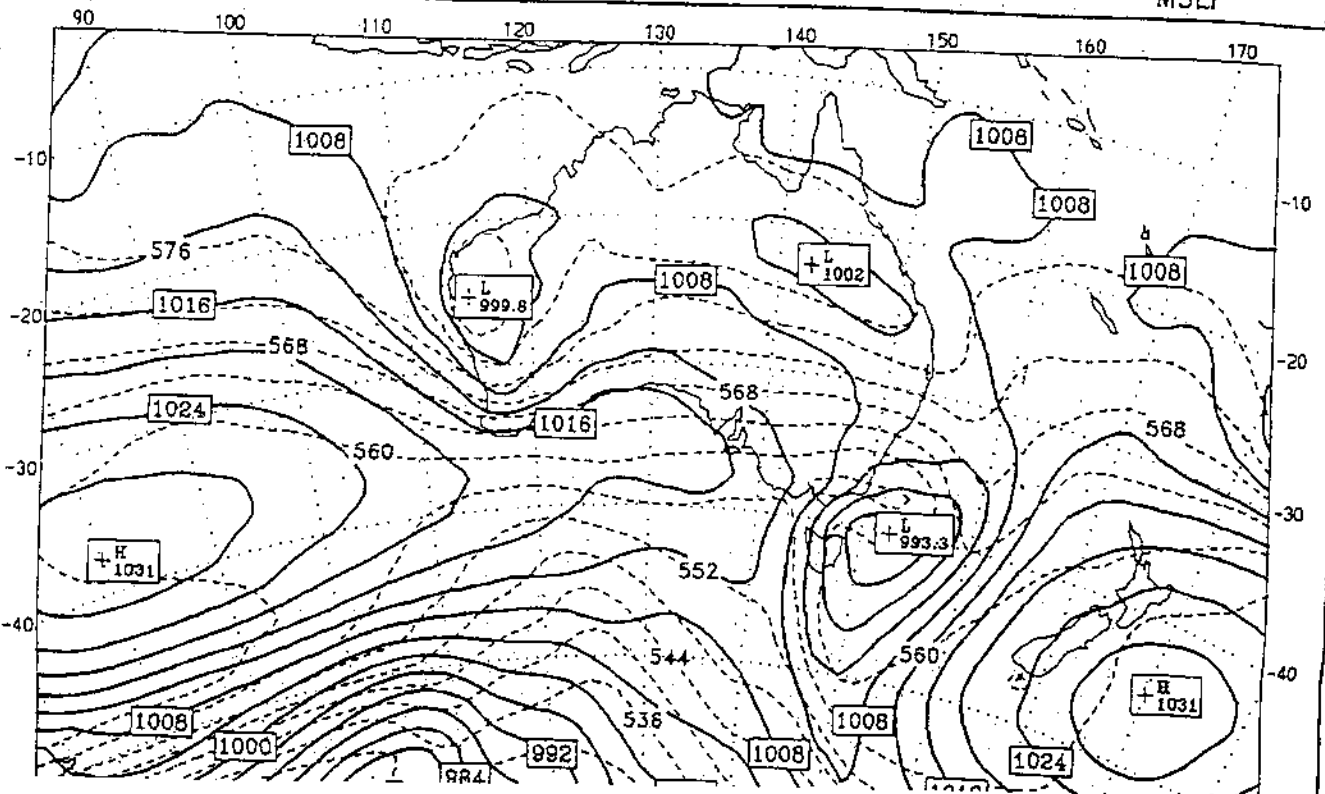
ISSUED: 18 UTC 25 Dec 1998

NMC GASP T239L29 FORECAST

48HR FORECAST

VALID 1200 UTC Sun 27 DEC 1998

MSLP

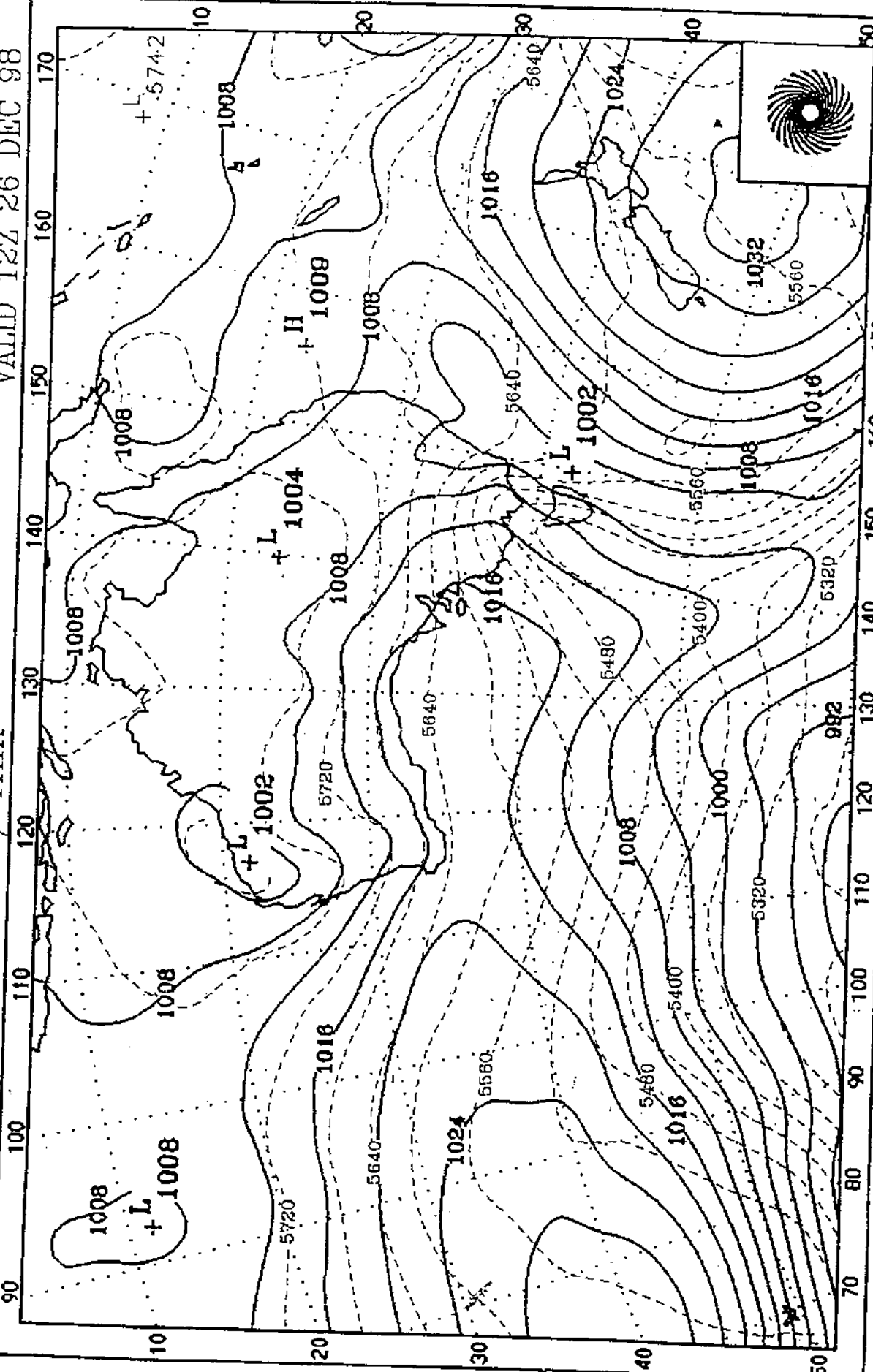


BUREAU OF METEOROLOGY

PROG(LAPS+24) MSLP / THIK

NMC MELBOURNE

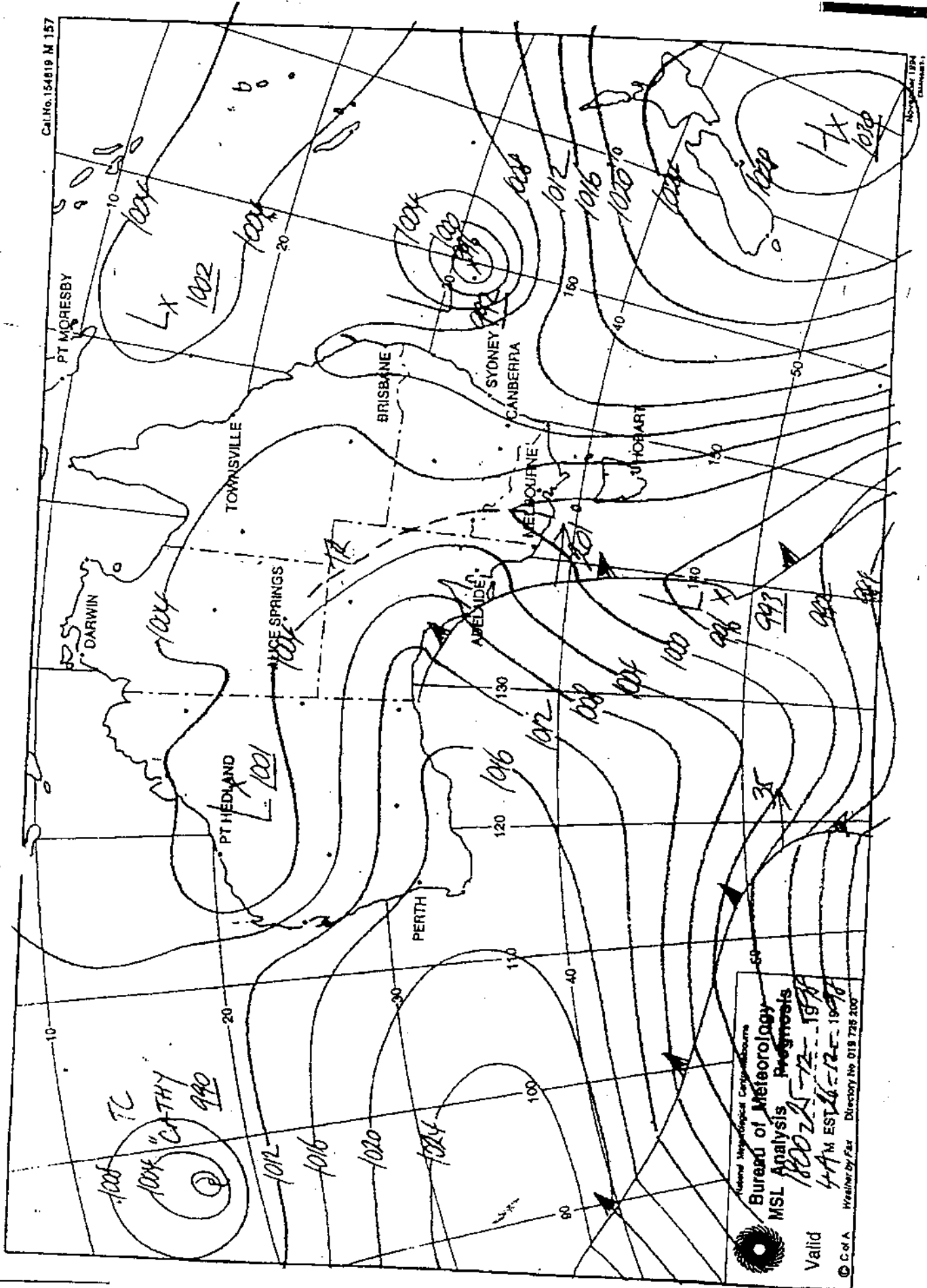
VALID 12Z 26 DEC 98



LAMBERT CONFORMAL PROJECTION

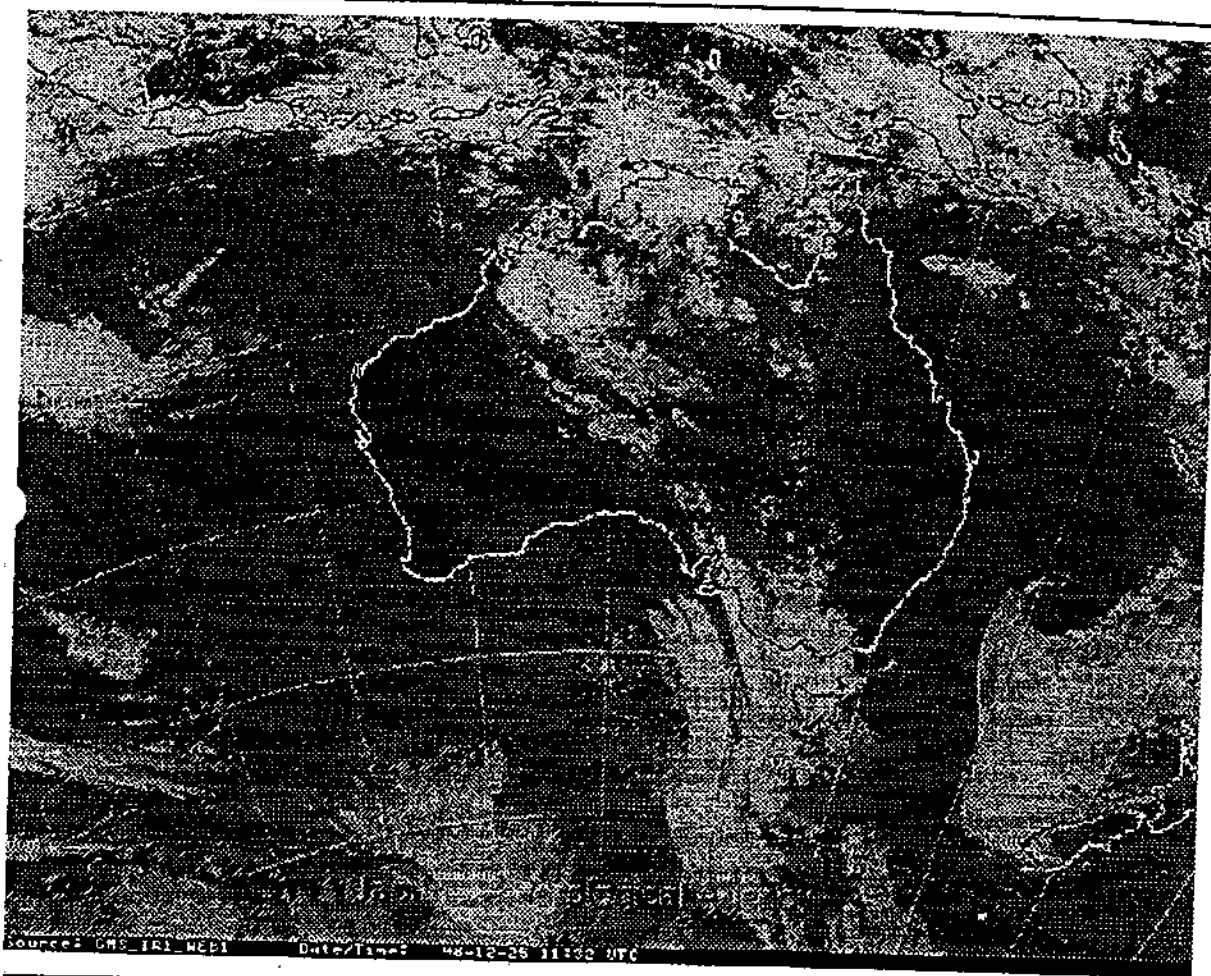
ISSUED: 13UTC 25 DEC 98

Call No. 154819 M 157





BUREAU OF METEOROLOGY



Source: Japan Meteorological Agency GMS-5
via Bureau of Meteorology, Australia

Captured: Fri Dec 25 12:00 UTC

[Return to: Met Net \(Home page\)](#)

[Help](#)

[Search this site](#)

[Send:Feedback](#)

© Copyright Commonwealth of Australia 1998, Bureau of Meteorology.

Users of these Web pages are deemed to have read and accepted the conditions described in the copyright declaration.

SYDNEY - HOBART QUESTIONNAIRE

We hope that the service from the Bureau of Meteorology will provide you with timely and accurate information, to enhance the safety of your passage to Hobart and also the chance to gain a competitive edge. In our endeavour to continue improving our services for this race, please take some time to answer the following questions and return this form in the reply paid envelope supplied. Wishing you a safe, fun and exciting race.

Brett Gage, Marine Weather Manager NSW.

Did you use the internet, weather fax, mobile phone or radio to access weather information during the race and did you experience any difficulties with the mode of access you used ?

Which products did you find most useful ?

Was the Sydney - Hobart forecast reasonably accurate and if not, when and why ?

Did the meso- scale charts provide good guidance against observed conditions and if not, which product was lacking accuracy and at what time and day ?

Is there any weather information that you know of, that was not provided in the weather pack, that you would like to be included for next years race ?

Weather by Fax (INFOFAX - Bureau fax based polling service)

Main Directory - Freepoll		1800 630100
Sydney-Hobart race forecast - Sydney to 38S		1902 935811
Sydney-Hobart race forecast - 38S to Hobart		1902 935812
Sydney-Hobart Coastal Observations		1902 935813
N.S.W. Coastal Waters forecasts		1902 935220
N.S.W. Marine warnings		1902 935071
N.S.W. Latest Coastal observations		1902 935229
Victorian Coastal Waters forecasts		1902 935230
Victorian Marine warnings		1902 935012
Victorian Latest Coastal observations		1902 935239
Tasmanian Coastal Waters forecasts -text		1902 935240
Tasmanian Coastal Waters forecasts - map		1902 935246
Tasmanian Marine warnings		1902 935049
Tasmanian Latest Coastal observations		1902 935249
Notes on the Weather (+4 day forecast)		1902 935422
	NSW	
	VIC	1902 935423
	TAS	1902 935424
Sydney Metropolitan forecast		1902 935222
Current Sydney weather radar image		1902 935228
Lord Howe Island Forecast		1902 935701
Tasmanian State, Cities & Towns		1902 935242
Aust region MSL Analysis chart		1902 935210
Aust region +24 Forecast chart		1902 935211
Aust region GASP 2-3 day Forecast charts		1902 935728
Aust region GASP 4-5 day Forecast charts		1902 935003
Aust region GASP 6-7 day Forecast charts		1902 935004
Latest satellite pictures (Australia)		1902 935201
Latest satellite pictures (SE Australia)		1902 935203
Model forecast winds - East Australia +12, +24, +36 hr		1902 935475
Aust region Total Wave		1902 935301
Aust region Swell		1902 935266
Recorded Telephone Service		
NSW coastal waters		1900 926101
Sydney Forecast		1900 969955
Victorian coastal waters		1900 926100
		1900 926110
Tasmanian coastal waters		1900 969966
Hobart Forecast		1900 969940
		1900 926157



BUREAU OF METEOROLOGY

WEATHER INFORMATION FOR THE SYDNEY- HOBART, TELSTRA CUP, and SYDNEY-COFFS HARBOUR YACHT RACES

Web Sites

<http://www.bom.gov.au>

The Australian Bureau of Meteorology home page. Add /marine for ocean products.

http://www.bom.gov.au/reguser/sp_ev/sydhob.shtml

(Note: Remember to include the underscore "_" in sp_ev)

Web page set up by the Bureau of Meteorology especially for Sydney - Hobart Yacht Race competitors, including latest hourly coastal observations, weather charts and high resolution wind, sea and swell prognoses.

<http://www.bom.gov.au/info/wmd/olympic/>

Latest observations and forecasts around Sydney Harbour.

Link to the Manly Hydraulics Laboratory near real time NSW wave data and graphs. For the MHL home page go to <http://www.mhl.nsw.gov.au>

http://www.marine.csiro.au/yacht_races/

For the best satellite imagery of Sea Surface Temperatures from CSIRO.

(Note the underscore "_" in yacht_races)

<http://www.syd-hob.telstra.com.au/weather/index.cfm>

Telstra's Sydney-Hobart weather page.

Issue:

Investigations into the deaths of participants in the Sydney - Hobart Yacht Race - Police to travel to Tasmania.

Background:

The events which decimated the 1998 Sydney - Hobart Yacht Race on 27/28 December, 1998, have been well documented through the media and a number of SITREPS. As a result of those events, four persons are deceased, while two more are missing presumed drowned. The Deputy Coroner, Mr John Abernathy, will conduct an inquest/inquiry into the deaths and other issues impacting upon the race.

Comment:

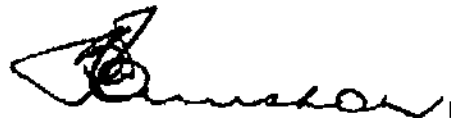
The investigations are being conducted co-jointly between the Water Police and Far South Coast LAC, and whilst a number of inquiries have been made and statements taken, there is a deal to be done. An Investigation Plan has been prepared by Detective Senior Constable Gray, Bega, and there is regular consultation between the investigation team and the Coroner.

It has become necessary for inquiries to be made in Hobart from part of the fleet which completed the race. Important among these inquiries, are those to be made from the crew of the Young Endeavour, a naval training vessel which accompanied the fleet and which contained communications personnel from the CYC in Sydney. There have been allegations made in connection with the prioritisation of yachts to be rescued made by personnel on the Young Endeavour. Protocols have been established and Mr Abernathy has issued process to obtain documents from the Young Endeavour. The process can be served by the local Coroner on behalf of Mr Abernathy.

Information is also at hand that the surviving crew of the 'Sword of Orion' will travel to Hobart on 1.1.99, to attend the memorial service. They will have to be interviewed in relation to the missing crew member, Glen Charles. Other crews may also be able to provide useful evidence.

It is proposed that Detective Senior Constable Gray and Sergeant Upton, Water Police leave for Hobart on 1.1.99. Authority to travel granted by myself and Superintendent Jeffries.

I have spoken with Deputy Commissioner Lupo Prinz, TASPOL, this date, and he has undertaken to assist the investigation with the provision of resources which may be required.



B W Johnston
Commander
South Eastern Region
31.12.98.

1. Acting Deputy Commissioner.



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St, Sydney, Ph [02] 9296 1555

IDW00N01

Final Gale Warning Coastal Waters South of Broken Bay and Strong Wind Warning between Broken Bay and Seal Rocks

Issued at 0235 on Monday the 28th of December 1998

Synoptic Situation

Low 984hPa east of Tasmania and moving eastsoutheast at about 20 knots.

Warning

W/SW winds 25/35 knots south of Merimbula, winds abating to 15/25 knots during the day.

W/SW winds reaching 20/30 knots offshore between Broken Bay and Seal Rocks, decreasing to below 25 knots this morning.

Seas 2 to 4 metres offshore, abating to 1 to 2.5 metres by late today.

Swell 1 to 2 metres in the north grading to 2 to 3 metres in the south.

196



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St, Sydney, Ph [02] 9296 1555

IDW00N01

Gale Warning Coastal Waters South of Broken Bay
Strong Wind Warning between Broken Bay and Seal Rocks

Issued at 2104 on Sunday the 27th of December 1998

Synoptic Situation

Low 984hPa east of Bass Strait moving eastsoutheast about 20 knots.

Warning

W/SW winds 25/35 knots south of Broken Bay, increasing to 35/45 knots offshore south of Merimbula overnight. Winds abating to 20/30 knots during Monday.

W/SW winds reaching 20/30 knots offshore between Broken Bay and Seal Rocks, decreasing below 20 knots Monday morning.

Seas 2 to 3 metres offshore, reaching 3 to 5 metres offshore in the south overnight, but abating during Monday. Swell 1 to 2 metres in the north grading to 2 to 3 metres in the south.



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St. Sydney, Ph [02] 9296 1555

IDW00N01

Storm Warning Coastal Waters South of Merimbula
Gale Warning Coastal Waters South of Broken Bay
Strong Wind Warning between Broken Bay and Seal Rocks

Issued at 1500 on Sunday the 27th of December 1998

Synoptic Situation

Low 987hPa east of Bass Strait moving east about 20 knots.

Warning

W/SW winds 30/40 knots south of Merimbula, reaching 40/50 knots offshore, decreasing to 25/35 knots during Monday.

W/SW winds 25/35 knots between Broken Bay and Merimbula, reaching 40 knots offshore, decreasing below 25 knots Monday morning.

W/SW winds reaching 20/30 knots offshore between Seal Rocks and Broken Bay, decreasing below 20 knots Monday morning.

Seas 2 to 3 metres offshore, reaching 3 to 5 metres offshore in the south, but abating during Monday. Swell 1 to 2 metres in the north grading to 2 to 3 metres in the south.

Review 9pm



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St. Sydney, Ph [02] 9296 1555

IDW00N01

Storm Warning Coastal Waters South of Merimbula
Gale Warning Coastal Waters South of Broken Bay
Strong Wind Warning between Broken Bay and Seal Rocks

Issued at 0904 on Sunday the 27th of December 1998

Synoptic Situation

Low 987hPa near northeast Tasmania. Cold front south of Coffs Harbour moving north about 25 knots.

Warning

W/SW winds 25/35 knots south of Merimbula increasing to 40/50 knots offshore this afternoon then decreasing to 30/40 knots Monday.

W/SW winds 25/35 knots between Broken Bay and Merimbula, reaching 40 knots in south today, then decreasing to 15/25 knots in south Monday and 10/15 knots in north.

W/SW winds reaching 20/30 knots offshore between Seal Rocks and Broken Bay, decreasing to 10/15 knots Monday.

Seas 2 to 3 metres in the north, rising to 3 to 5 metres in the south offshore, but abating in the north Monday. Swell rising in the south offshore to 2 to 3 metres.

Review 3pm



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St Sydney, Ph [02] 9296 1555

IDW00N01

Storm Warning Coastal Waters South of Merimbula
Gale Warning Coastal Waters South of Broken Bay
Strong Wind Warning between Broken Bay and Seal Rocks

Issued at 0253 on Sunday the 27th of December 1998

Synoptic Situation

Low 992hPa near northeast Tasmania, deepening. Cold front near Sydney, extending out to sea to Tasmanian low.

Warning

W/SW winds 25/35 knots south of Merimbula, increasing to 40/50 knots offshore late this afternoon.

W/SW winds reaching 25/35 knots offshore between Broken Bay and Merimbula.

W/SW winds reaching 20/30 knots offshore between Seal Rocks and Broken Bay.

Seas 2 to 3 metres in the north, rising to 3 to 5 metres in the south offshore.

Swell rising in the south offshore to 2 to 3 metres.

~~+ LAND GALE~~

~~Strong Wind~~



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St. Sydney, Ph [02] 9296 1555

IDW00N01

Storm Warning Coastal Waters South of Merimbula
Gale Warning Coastal Waters South of Broken Bay
Strong Wind Warning between Broken Bay and Seal Rocks

Issued at 2059 on Saturday the 26th of December 1998

Synoptic Situation

High over New Zealand ridging onto central NSW coast. Low 995hPa just south of Lord Howe Island is slow moving and weakening. Cold front moving east across eastern Victoria. Low 992hPa forming in eastern Bass Strait

Warning

N/NE wind reaching 20/25 knots between Broken Bay and Ulladulla, 25/30 knots south from Ulladulla, ahead of a gusty W/SW change 30/40 knots expected South Coast late tonight.

Then W/SW 25/35 knots Illawarra and Sydney Coast early Sunday morning, and W/SW 25/30 knots Hunter Coast later Sunday morning.

W wind increasing to 45/55 knots offshore south of Merimbula late Sunday afternoon. Seas 1 to 2 metres, rising to 3 to 4 metres with the change. Swell 1 to 2 metres, rising to 2 to 3 metres after the change.

Sam



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St Sydney, Ph [02] 9296 1555

IDW00N01

Priority Storm Warning Coastal Waters South of Merimbula
Gale Warning Coastal Waters South of Broken Bay
Strong Wind Warning between Broken Bay and Seal Rocks

Issued at 1414 on Saturday the 26th of December 1998

Synoptic Situation

High over New Zealand ridging onto central NSW coast. Low 995hPa near Lord Howe Island is slow moving. Cold front moving east across central Victoria.

Warning

N/NE wind reaching 20/25 knots between Broken Bay and Ulladulla, 25/30 knots south from Ulladulla, ahead of a gusty W/SW change 30/40 knots expected South Coast late tonight, then W/SW 25/35 knots Illawarra and Sydney Coast early Sunday morning, and W/SW 25/30 knots Hunter Coast later Sunday morning. W wind increasing to 45/55 knots offshore south of Merimbula late Sunday afternoon.

Seas 1 to 2 metres, rising to 3 to 4 metres with the change. Swell 1 to 2 metres, rising to 2 to 3 metres after the change.

Review 8:15pm



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St. Sydney, Ph [02] 9296 1555

IDW00N01

**Priority Gale Warning Coastal Waters South of
Broken Bay. Priority Strong Wind Warning
Coastal Waters between Broken Bay and Seal Rocks**

Issued at 0926 on Saturday the 26th of December 1998

Synoptic Situation

High over New Zealand ridging onto central NSW coast. Low 995hPa near Lord Howe Island is slow moving. Cold front moving east across western Victoria.

Warning

S/SW change 30/40 knots expected South Coast tonight, then S/SW 25/35 knots Illawarra and Sydney Coast early Sunday morning, and S/SW 25/30 knots Hunter Coast later Sunday morning.

Seas 1 to 2 metres, rising to 3 to 4 metres with the change. Swell 1 to 2 metres, rising to 2 to 3 metres after the change.

~~Review 330 pm~~



BUREAU OF METEOROLOGY
NEW SOUTH WALES REGIONAL OFFICE
300 Elizabeth St, Sydney, Ph [02] 9296 1555

IDW00N00

Priority
Strong Wind Warning
Coastal Waters South of Ulladulla

Issued at 0408 on Saturday the 26th of December 1998

Synoptic Situation

High over New Zealand ridging onto central NSW coast, trough over western Victoria and cold front approaching Adelaide.

Warning

Southerly winds 20/30 knots expected following the passage of the cold front late tonight.

Seas 1 to 2 metres, rising to 3 metres with frontal passage. Swell 1 to 2 metres, rising tonight.

~~REVIEW 10 am~~