WHERE TO GET A FORECAST

A good idea: Use a tape recorder on radio broadcasts as they are being transmitted, then replay the hard-to-hear bits.

DISCLAIMER: The data in this section is based on information available at print time.
Please remember: we live in changing times.

An update of this chapter is available for $10NZ plus postage from:
mcdavitt@met.co.nz.
or send a fax (with VISA or MasterCard details) to +64 9 307 5993.

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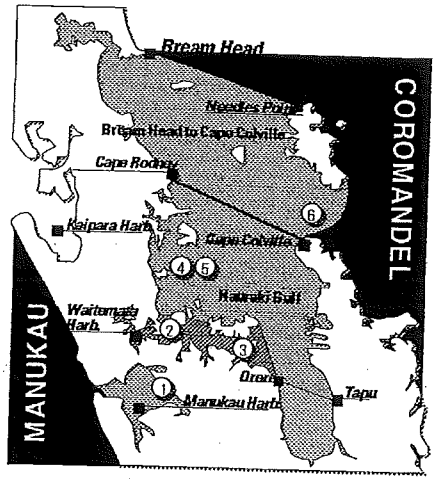
Auckland Recreational Marine Weather Forecast

Warnings are issued and updated whenever the need becomes apparent.

Wind warning = Nil, strong, squall, or gale-
Strong = gusts of 34 knots or more
Gale or storm =Beaufort scale 8 or more.
Squall = Sudden onset of winds which maybe gale force for periods less than an hour.

SITUATION: Brief description of the main weather features affecting the area for the next 24 hours.

FORECAST: For the next 18 or 24 hours; best idea of average value and significant changes:
WIND (true direction and knots).
SEA WAVES: (description of waves formed by wind and tide**).**



Wind Reporting Sites

1 Auckland Airport 4 Whangaparoa
2 Bean Rock 5 Tiritiri Matangi
3 Passage Rock 6 Channel Island

MetPhone Dial 0900 999 99

MetPhone costs $1.15 per minute (with GST) and is charged directly to your toll bill.
It includes hourly updated wind reports from the sites listed above, plus barometer check.

VHF 20,21

Auckland Volunteer Coastguard on VHF Ch 20 (repeater located at Leigh in the north) and CH21 (161.650 Mhz) (at Auckland city).
This recorded continuous loop broadcast has wind reports updated every minute from sites 2,3,5, and 6 (see above).

ZLM VHF 71

Auckland Maritime Radio calling on Channel 16, working Channel 71at 0533, 0733, 1033, 1333, 1733 and 2133 local time.
Warnings transmitted on receipt.

AUCKLAND COASTGUARD

VHF 68, 86 and 88 and SSB 2129kHz.
0805,1205,1605,and 2005 local time.
Covers Auckland area and surrounding coasts.
Warnings transmitted on receipt.

Newspapers

New Zealand Herald contains a forecast and a map.

AM & FM Radio

Radio New Zealand 1ZB on 1080 kHz AM or many local AM and FM stations.
Weather usually follows news and sport on the hour.

METSERVICE
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New Zealand Coastal Marine Weather Forecast Areas

`•Situation
Position and movement of highs, lows,and fronts expected to affect NZ coast within next 36 hours, naming areas affected by wind warnings

•Area Forecast
Wind Warning
For areas affected by gale or storm, a special note is added at the start.

For the next 18 or 24 hours, best idea of average value and significant changes
Wind: true direction from and knots
Sea: description of wind waves
Swell: if 1 metre or more, direction from, and significant height in metres.
Weather/Visibility: If fair 3 to 6 n.miles, Poor(1-3n.m) or foggy (less than 1).

WIND AND BAROMETER REPORTS
• Outlook:
Wind for following 12 hours.

Coastal Forecast Areas

NAME	NUMBER	REPORT SITES
Brett	60	
Colville	61	Mokohinau
		Whangaparaoa
Plenty	62	Tauranga
Portland	63	Hicks Bay
		Mahia
Castlepoint	64	Ngawhihi (Palliser)
Cook	65	Cape Campbell
		Brothers Island
Abel	66	Farewell Spit
Conway	67	Cape Campbell
		Le Bons Bay
Rangitata	68	
Chalmers	69	Nugget Point
Foveaux	70	
Puysegur	71	
Milford	72	
Grey	73	
Stephens	74	Farewell Spit
Raglan	75	Port Taharoa
Kaipara	76	
Chathams	78	Waitangi

See Map over the page

MetFax 0900 77 999

When it matters. Call from any phone any time.
Cost $5.40 first minute then 99 cents per minute.
Free Phone 0800 500 669 for list of item numbers.

MetPhone 0900 999 xx

Phone the coastal forecast on this number where xx is the area number given above.
$1.15 per minute will be charged to your toll bill.

ZLM Maritime Safety Radio (Taupo)

HF

Frequencies kHz	
Calling	2182 4125 6215
Working	2207 4146 6224

All Times local

Coastal wind and navigation warnings, Situation,forecast,and observations

0133, 0533, 1333, 1733

Warnings are broadcast preceded by the safety signal word "SECURITE"

1) On receipt
2) After end of next silence period (at 3 and 33 minutes past the hour)

AM Radio

National radio (YA stations) at 0300 and 0505 Local Time Frequencies: (kHz): Northland 837, Auckland756, Waikato1143, Tauranga 819, Rotorua 1188, Tokoroa729, Gisborne1314, Hawkes Bay 630, Taranaki1530, Manawatu1449, Masterton1071, Wellington567, Nelson 1116, Christchurch675, Timaru918, Dunedin810, Alexandra 639, Queenstwn1134, Invercargill 720

VHF **(see map over page)**

TV (TELETEXT)

INMARSAT C – 0130,1330 UTC

VHF map

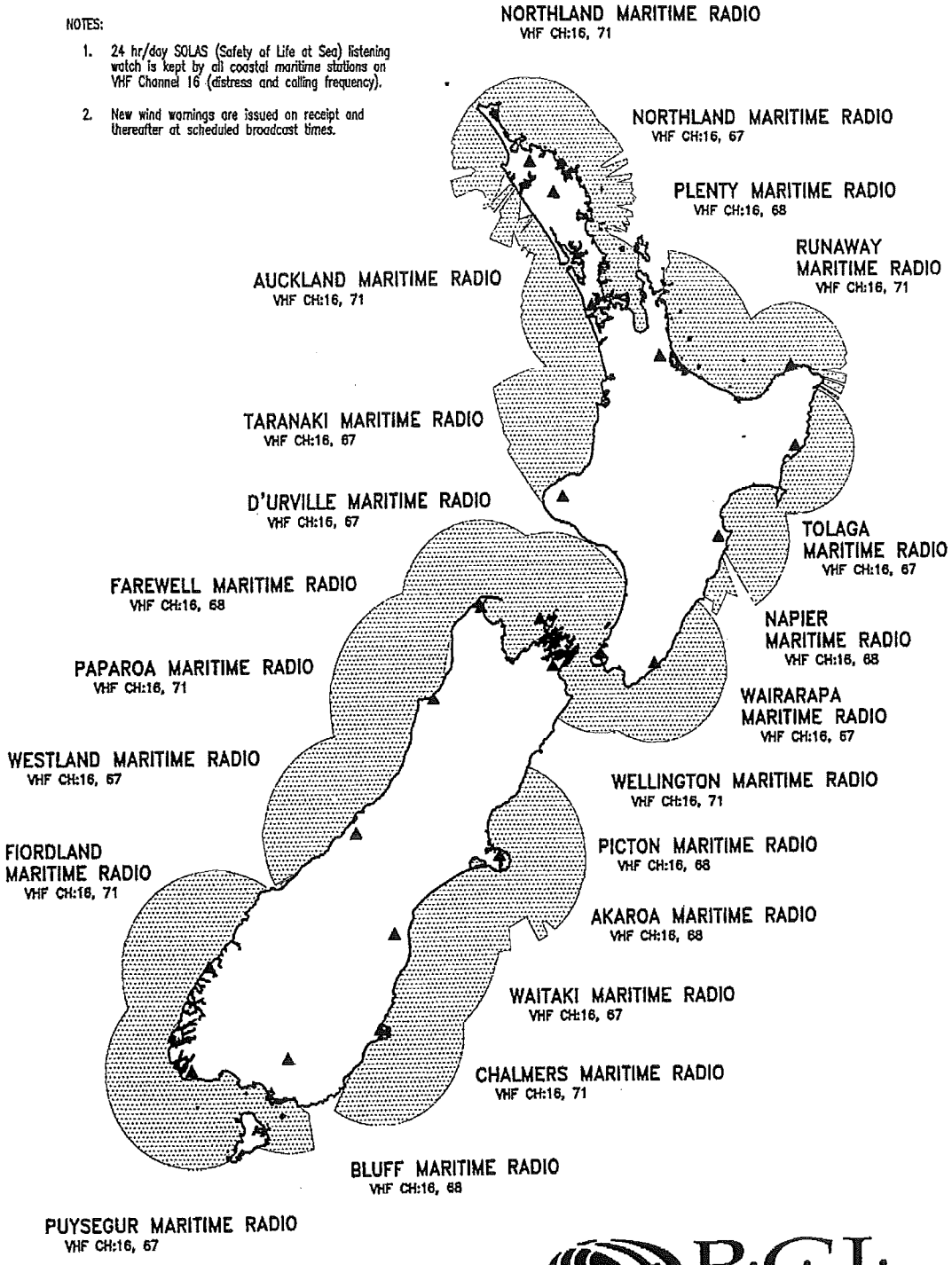
MARITIME SAFETY AUTHORITY OF NEW ZEALAND
Te Mana Arai Haumia Moana o Aotearoa

NOTE: Valid from 1 February 1998

VHF Broadcast Times :
0533, 0733, 1033*, 1333, 1733, 2133 Local Time
* At 1033hr the situation and area forecast are omitted.

NOTES:

1. 24 hr/day SOLAS (Safety of Life at Sea) listening watch is kept by all coastal maritime stations on VHF Channel 16 (distress and calling frequency).
2. New wind warnings are issued on receipt and thereafter at scheduled broadcast times.

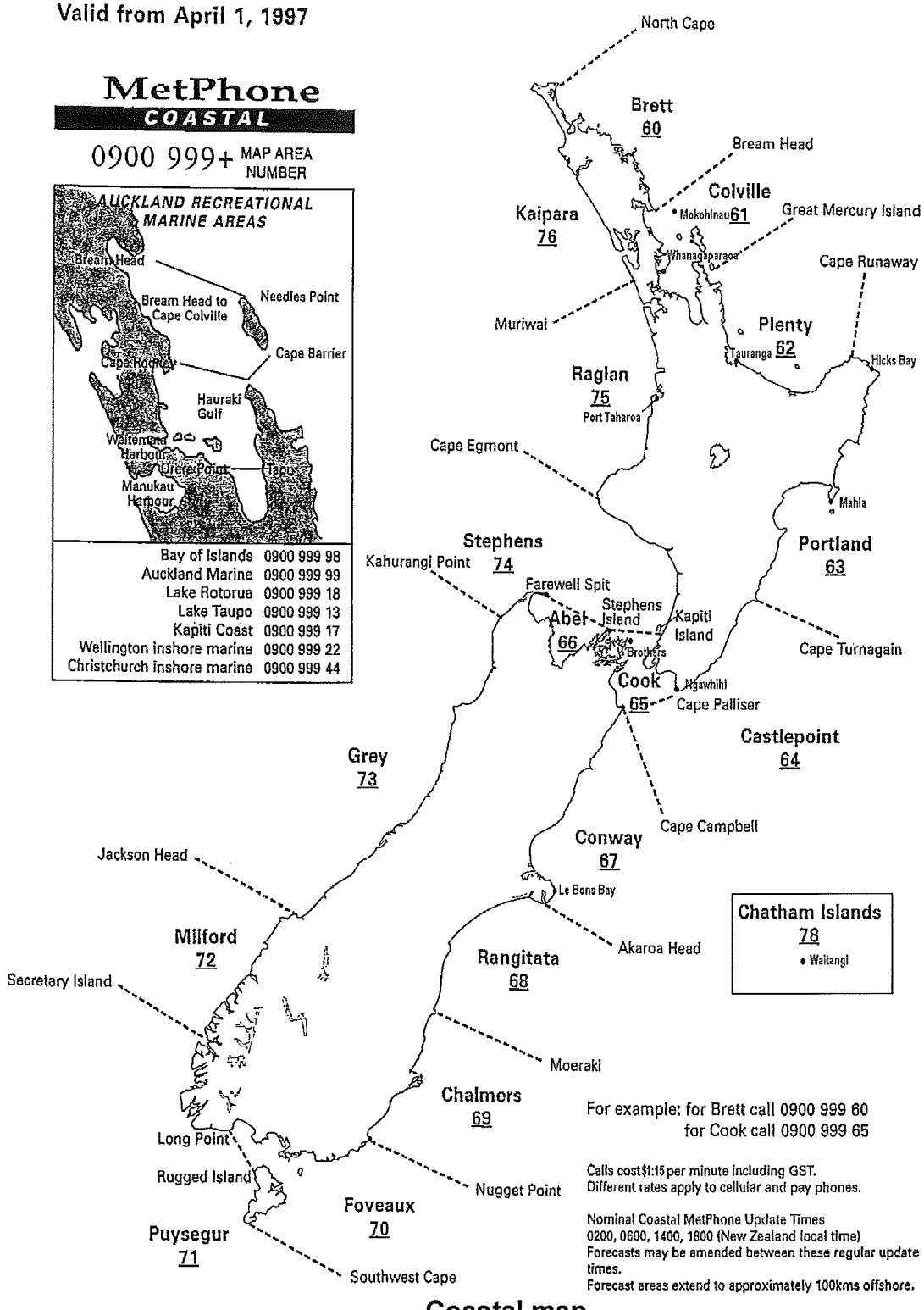


B·C·L
BROADCAST COMMUNICATIONS LIMITED

17600-444 ISS F 13.8.97

New Zealand Marine Forecast Areas

Valid from April 1, 1997

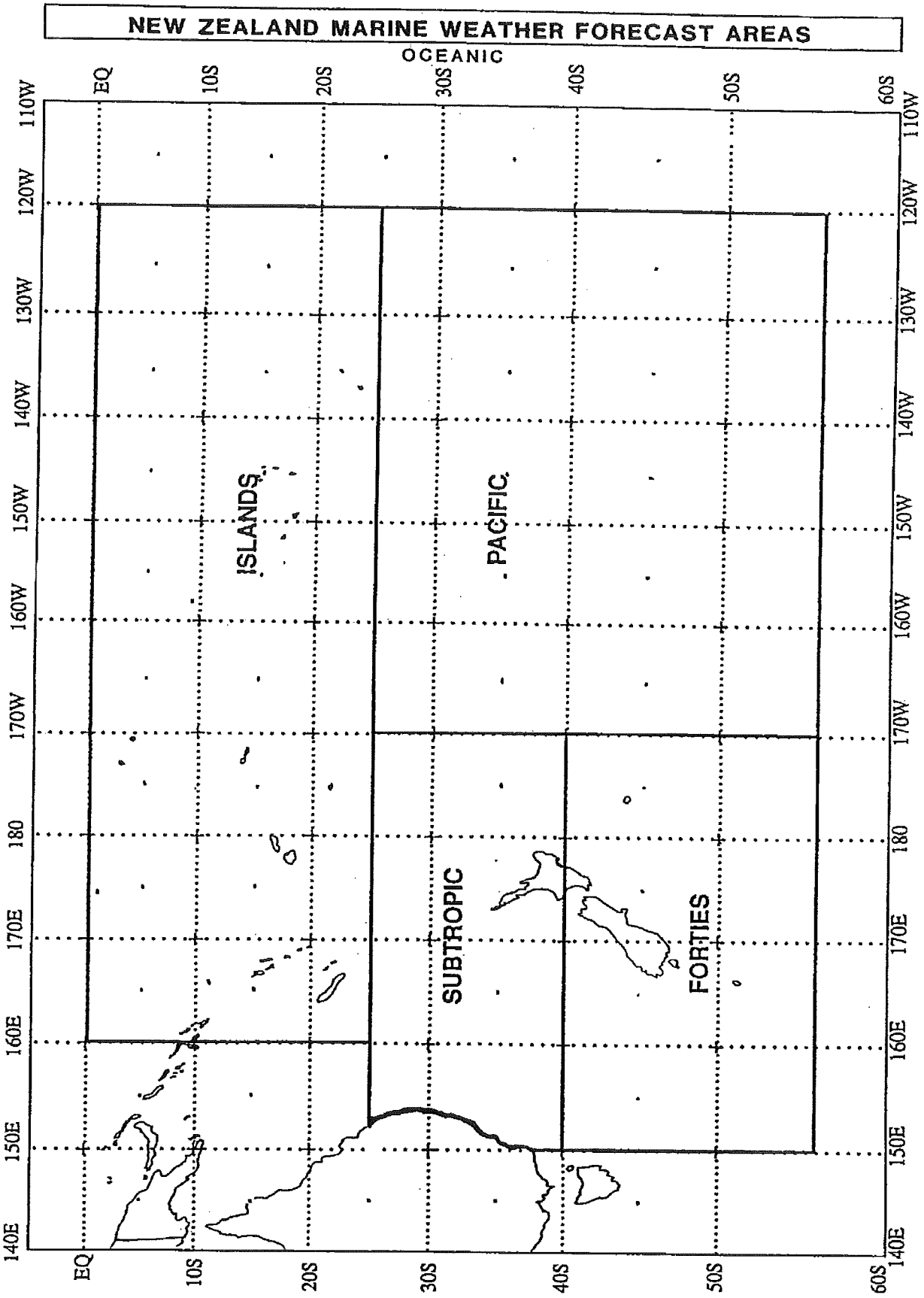


For example: for Brett call 0900 999 60
for Cook call 0900 999 65

Calls cost $1.15 per minute including GST.
Different rates apply to cellular and pay phones.

Nominal Coastal MetPhone Update Times
0200, 0600, 1400, 1800 (New Zealand local time)
Forecasts may be amended between these regular update times.
Forecast areas extend to approximately 100kms offshore.

Coastal map


NEW ZEALAND MARINE WEATHER FORECAST AREAS
OCEANIC
ISLANDS
PACIFIC
SUBTROPIC
FORTIES
EQ
10S
20S
30S
40S
50S
60S
110W
120W
130W
140W
150W
160W
170W
180
170E
160E
150E
140E

OCEAN AREA BROADCASTS

UPDATED February 1999

WHAT IS AVAILABLE:

- WARNINGS: Any that affect part of the map area in forecast period.
  - Gale = Beaufort Scale 8 or 9. (34 to 47 knots)
  - Storm = Beaufort Scale 10, 11 or 12. (over 47 knots)
  - Hurricane = Beaufort Scale 12 from a tropical cyclone (over 63 knots).
- SITUATION: Description of weather systems — Highs, Lows, and Fronts — their position, intensity and movement and any changes and developments expected during the next 24 or 30 hours.
- FORECAST: Any areas expected during forecast period with
  - wind 25 knots or more,
  - swell 4 metres or more,
  - visibility 3 nautical miles or less (poor or foggy).

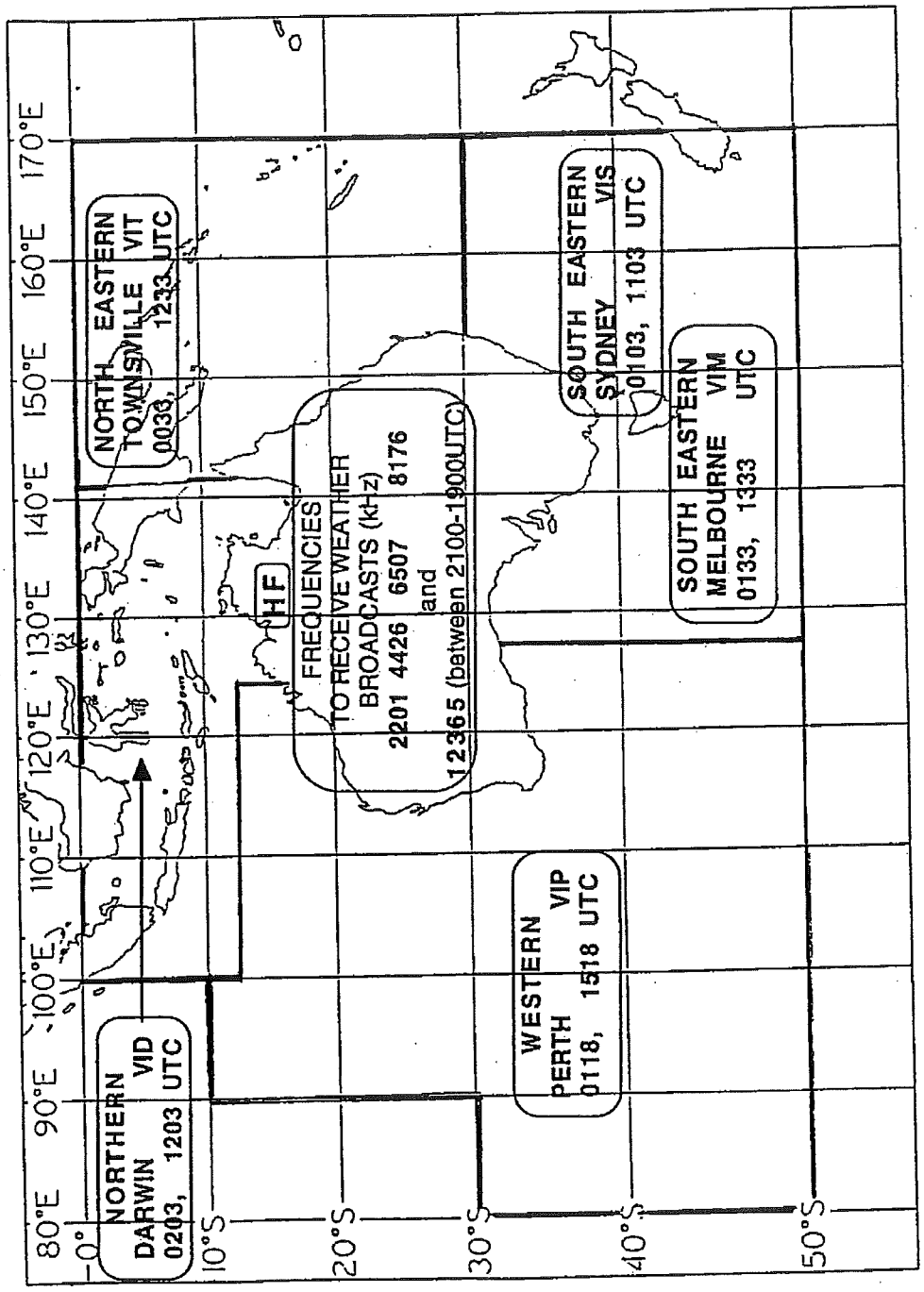
WHO FROM, WHERE AND HOW

Radio Station	Method of transmission	Frequencies (kHz)	Comments
INMARSAT	Mode C		Perth Coast Earth Station
ZLM Taupo Maritime Radio	ENGLISH language Radio Telephony R.T.F preceded by safety signal SECURITE	Call: 6215, 8291, 12290, 16420 Work: 6224, 8297, 12356, 16531	Administered by Maritime Safety Authority sited outside Taupo New Zealand

WHEN TO TUNE IN

Station	Area	Contents	Broadcast UTC
INMARSAT	All four All four	Scheduled Wind Warnings Warnings. Situation and Forecast	0330 and 1530 0930 and 2130
ZLM HF	Frequencies 6224, 12356 8297, 16531 6224, 12356 8297, 16531	Covers Nav area XIV = all four areas Wind and Navigation Warnings repeat of above broadcast Warnings, Situation and 30hr Forecast repeat of above broadcast	 0303 and 1503 0333 and 1533 0903 and 2103 0933 and 2133

AUSTRALIAN HIGH SEAS FORECAST AREAS



EXAMPLE OF HIGH SEAS WEATHER FORECASTS
NORTH EASTERN AUSTRALIA
High Seas Forecast Equator to 29S, 142E to 170E
Issued by the Bureau of Meteorology, Brisbane for the 24 hours from 03 23 2300Z

PART 1 GALE/STORM WARNING Nil

PART 2 SITUATION
At 231700Z Ridge along the NE Australian coast from 1021 hPa High near north New Zealand. Weak Monsoon trough through 5S 145E to 5S 170E.
Convergence zone in the north-west Coral Sea moving slowly west towards the NE Australian coast.

PART 3 FORECAST
North of monsoon trough ... Seas smooth to slight. Variable 5 to 10 knot winds. Scattered showers and thunderstorms.
South of monsoon trough ... Seas slight to moderate on low to moderate southeast swells. Mostly southeast to northeast winds about 15 knots but SE winds of 20 knots through the northwest Coral Sea with locally rough seas.
Fairly widespread showers with few thunderstorms through the northwest Coral Sea. Scattered showers remaining tropical waters, more isolated to the south.

ISLANDS
Marine weather Bulletin for the South-west Pacific Islands area,
Equator to 25 South 160 East to 120 West Issued Nadi Apr 03 2020 UTC
PART 1 WARNING Nil
PARTS 2 AND 3 SYNOPSIS AND FORECAST VALID UNTIL APR 04 1800UTC
Convergence Zone CZ 05 S 16E 11S 175E 11S 170W 20S 156W slow moving.
Trough 16S 175W 20S 170W 25S 170W Moving east 15 knots
Fresh easterlies south of 20 south with rough seas and a moderate easterly swell. Winds 25 knots between 175 W and 155W. Otherwise light to moderate easterly winds prevail. Poor visibility in heavy showers and squally thunderstorms within about 150 miles of CZ and trough.

SUBTROPIC
SUBTROPIC area 25South to 40South 150East/Australian Coast to 170West

WARNINGS Gale warning 031 At 04 0000Z/04 1200NZST Tuesday
1. In and about NZ Cook Strait: South-east 45 kt at times. Little change next 12 hrs.
2. In a belt 40 miles wide from Stephens Island to 39 South 173 east: South-east 45 kt. Little change next 12 hrs. This warning cancels and replaces warning 029.

SITUATION at 04 0600Z and FORECAST UNTIL 051200Z
Low 1005hPa 36S 166E slow moving. Front 25s 170e 30s 174e 35s 172e 37s 166e moving east-southeast 15 kt. Areas rain and thunderstorms vis 5km within 100 miles of front. Wind 25 kt at times within 300 miles of low in sector northeast through south to north with gales as in warning 031. Trough 25s 176w 35s 180 40s 179e slow moving. Areas rain and thunderstorms vis 5km within 100 miles of trough.

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AUSTRALIA **WEATHER FAX Schedule**

for **VMC Charleville - 2628, 5100, 11030, 13920, 20469 kHz**
and **VMW Wiluna – 5755, 7535, 10555, 15615, 18060 kHz**

UTC time	Product	Valid Time	Map Area
0015	(This)SCHEDULE 1		
0030	(This) SCHEDULE 2		
0045	Notices		
0100	IPS Recommended freq VMC		
0130	IPS Recommended freq VMW		
0200	Surface prog +24(MSL)	0000	AUST
0215	Regional Sig. weather	1800	RSW
0230	**Asian wind warning summary**		H
0245	Surface anal (MSL)	0000	AUST
0300	500hPa Anal	0000	AUST
0315	**Voice info for VMW**		
0330	Asian Sig. weather prog	1200	D
0400	500hPa prog (+24)	0000	AUST
0430	Sea surface isotherms	weekly	SE
0445	250 m depth isotherms	weekly	SE
0500	Sea surface isotherms	weekly	SW
0600	Gradient Level Wind	0000	A
0623	Gradient Level Wind	0000	B
0645	Surface Anal (MSL)	0000	C
0715	Regional Sig wx prog	0000	RSW
0730	Indian Ocean Anal	0000	I.O
0745	Wind wave height(m)	0000	AUST
0800	Swell wave height (m)	0000	AUST
0815	**Asian Wind Warning Summary**		H
0830	S Pac. Surface Anal	0000	SWP
0845	Surface Anal (MSL)	0600	AUST
0903	200hPa Streamline Anal	0000	C
0923	500hPa Streamline Anal	0000	C
0941	700hPa Streamline Anal	0000	C
1000	Asian Sig. weather Prog	1800	D
1015	Casey High SeasH+24	0000	ANT
1030	SH 500hPa Prog (+48)	0000	SH
1045	SH Surface Prog (+48)	0000	SH
1100	Casey High SeasH+36	0000	ANT
1115	SH 500hPa Anal	0000	SH
1130	Sea surface temp anal	weekly	E
1145	VMC/VMW Info Notice		
1200	Surface Prog H+36	1200	AUST

UTC time	Product	Valid Time	Map Area
1215	(This) SCHEDULE 1		
1230	(This) SCHEDULE 2		
1245	Indian O. Surface Prog (+36)	1200	I.O
1300	Regional Sig wx Prog	0600	RSW
1315	Pacific O Total Waves H+48	0000	SWP
1330	Indian O. Total Waves H+48	0000	IO
1345	Pacific Ocean SST	weekly	SWP
1400	Indian Ocean SST	weekly	IO
1415	Casey High SeasH+48	0000	ANT
1430	Surface Anal (MSL)	1200	AUST
1445	**Asian Wind warning summary**		H
1500	500hPa Prog	1200	AUST
1515	Surface Prog(MSL)	1200	AUST
1530	Asian Sig wx Prog	0000	D
1600	500hPa Prog (+24)	1200	AUST
1630	IPS Recommended freq VMC		
1700	IPS Recommended freq VMW		
1800	Gradient Level wind	1200	A
1823	Gradient Level Wind	1200	B
1900	Regional Sig wx Prog	1200	RSW
1915	Indian Ocean Anal	1200	I.O.
1930	Wind wave height(m)	1200	AUST
1945	Swell wave height (m)	1200	AUST
2000	S Pac. Surface Anal	1200	SWP
2015	Casey High SeasH+24	1200	ANT
2030	Surface Anal (MSL)	1800	AUST
2045	**Asian Wind Warning Summary**		H
2100	200hPa Streamline Anal	1200	C
2120	500hPa Streamline Anal	1200	C
2140	700hPa Streamline Anal	1200	C
2200	Asian Sig .weather Prog	0600	D
2215	Casey High SeasH+36	1200	ANT
2230	SH 500hpa prog (+48)	1200	SH
2245	SH Surface Prog (+48)	1200	SH
2300	SH 500hPa Anal	1200	SH
2315	Casey High SeasH+48	1200	ANT
2330	Surface Prog (+36)	0000	AUST
2345	Indian O. Surface Prog (+48)	1200	I.O.

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Australian Weather Fax Technical Information

	Map Areas	Projection
ANT	**South of 50S from 80 to 160E**	**Polar Stereo**
AUST	**10S 90E, 10S 170E, 50S 90E, 50S 180**	**Lambert Conformal**
IO	**10S - 90S, 0-90E-180**	**Polar Stereo.**
SWP	**20S - 90S, 150E-180-90W**	**Polar Stereo.**
SH	**10S - 90S, all longitudes**	**Polar Stereo**
A	**30N-35S, 120E-180**	**Mercator**
B	**30N-35S, 70-130E**	**Mercator**
C	**30N-35S, 70E - 180**	**Mercator**
D	**43S 110E, 36S 155E,36N 142E,29N 96E**	**Mercator**
E	**23N - 23S, 100E-170E**	**Mercator**
SW	**25-37S, 110-120E**	**Mercator**
SE	**31S - 40S, 148E-156E**	**Mercator**
RSW	**EQ-50S, 100E-180**	**Mercator**
H	**25N-25S, 80E - 180**	**Plain language**

From 1 July 2002 the signal is computer generated and transmitted by Bureau of Meteorology, Australia. When in Eastern Australia tune to VMC and when in Western Australia tune to VMW. For more details see *http://www.bom.gov.au/marine/marine_enquiries.shtml.*
Day/Night frequency shifts are done at 1900/0900UTC for VMC and 2100/1100UTC for VMW.

Frequencies (kHz)	Call Signs	(kHz)	Call Signs
2628 N	VMC 31		
5100	VMC 32	5755 N	VMW32
		7355	VMW33
11030	VMC 34	10555	VMW34
13920	VMC 35	15615	VMW35
20469 D	VMC 37	18060 D	VMW37

(N=Night only, D= Day Only)

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WEATHER FAX Schedule

Wellington - NEW ZEALAND

Effective 1 May 2002

PRODUCT **TRANSMISSION TIMES (UTC) AND FREQUENCY**

	3247.4 kHz	5807 k Hz	9459 kHz	13550.5 kHz	16340.1 kHz
0000 SW PACIFIC MSL PROG H+30		00:00 - 00:15	00:15 - 00:30	00:30 - 00:45	00:45 - 01:00
0000 SW PACIFIC MSL PROG H+48		01:00 - 01:15	01:15 - 01:30	01:30 - 01:45	01:45 - 02:00
0000 SW PACIFIC MSL PROG H+72		02:00-02:15	02:15-02:30	02:30-02:45	02:45-03:00
0000 TASMAN MSL ANAL		03:00-03:15	03:15-03:30	03:30-03:45	03:45-04:00
0000 SW PACIFIC MSL ANAL		04:00 - 04:15	04:15 - 04:30	04:30 - 04:45	04:45 - 05:00
0600 TASMAN MSL ANAL	09:45 - 10:00	09:00 - 09:15	09:15 - 09:30	09:30 - 09:45	
0600 SW PACIFIC MSL ANAL	10:45 - 11:00	10:00 - 10:15	10:15 - 10:30	10:30 - 10:45	
TRANSMISSION SCHEDULE	11:45 - 12:00	11:00 - 11:15	11:15 - 11:30	11:30 - 11:45	
1200 SW PACIFIC MSL PROG H+30	12:45 - 13:00	12:00 - 12:15	12:15 - 12:30	12:30 - 12:45	
1200 SW PACIFIC MSL PROG H+48	13:45-14:00	13:00-13:15	13:15-13:30	13:30-13:45	
1200 SW PACIFIC MSL PROG H+72	14:45-15:00	14:00-14:15	14:15-14:30	14:30-14:45	
1200 TASMAN MSL ANAL	15:45 - 16:00	15:00 - 15:15	15:15 - 15:30	15:30 - 15:45	
1200 SW PACIFIC MSL ANAL	16:45 - 17:00	16:00 - 16:15	16:15 - 16:30	16:30 - 16:45	
1800 TASMAN MSL ANAL		21:00 - 21:15	21:15 - 21:30	21:30 - 21:45	21:45-22:00
1800 SW PACIFIC MSL ANAL		22:00 - 22:15	22:15 - 22:30	22:30 - 22:45	22:45-23:00
TRANSMISSION SCHEDULE		23:00 - 23:15	23:15 - 23:30	23:30 - 23:45	23:45 - 00:00

MAP AREAS **TASMAN : Tasman Sea and New Zealand**
SW PACIFIC: South West Pacific (Australia to Tahiti)

Schedule is also on the Internet at http://www.metservice.co.nz/services/radiofax_schedule.asp

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FIJI ISLANDS COASTAL MARINE WEATHER FORECASTS

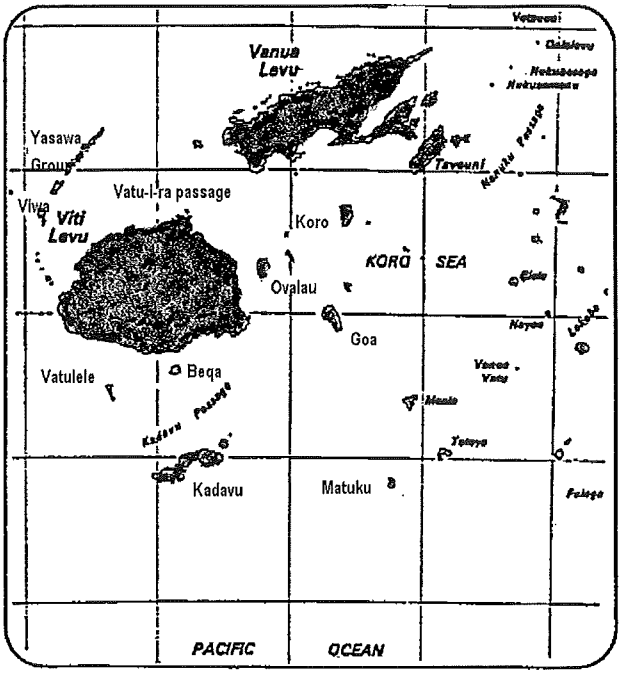
As at Oct 1995

Wind Warning: Nil or
STRONG = Beaufort 6 or 7
GALE = Beaufort 8 or 9
STORM = Beaufort 10 or 11
HURRICANE = Beaufort 12 from a tropical cyclone.

Warnings are issued and updated whenever the need becomes apparent.

Situation: A brief description of main weather features affecting the area during the forecast period.

Forecast: For up to 24 or 36 hours consisting of best idea of average and significant changes of wind, sea, swell, and weather (visibility)



RADIO SUVA 3DP (RTF)

Frequencies kHz

Calling Working
2182 4372.9
6215.5 6746.8

Broadcast in PLAIN ENGLISH on Radio Telephony R.T.F.
Warnings are broadcast preceded by the safety signal word "SECURITE"
1) On receipt,
2) end of next silence period (at 3 or 33 minutes after the hour),
3) at scheduled times of 0033.0803.1203.1603. 2003 local time.

RADIO SUVA 3DP MORSE

Frequencies kHz Calling 500 Working 518

Warnings are broadcast in Morse Code (by Radio Telegraph R.T.G.)
1) issued on receipt,
2) then at end of the next silence period 918 or 48 minutes after the hour),
3) and at scheduled broadcast times 0405, 0830, and 2030 local time.

Newspapers

Fiji Times contains forecast and map

AM & FM

Radio

Radio Fiji THREE

Has frequent weather Broadcasts in ENGLISH

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Weather Forecast Sources about the Pacific

Russell Radio
Bay of Islands
PO Box 108
Russell, NZ.
Fax (64 9) 403 7746

Ritchie Blomfield is on SSB 4417
and 6516 kHz from 0700UTC
Des is on 12359 kHz from 0400 to 0430 UTC
and 12353 kHz from 0430 to 0445
Also 4445 kHz from 1930 to 2100 and 0700 to 1030 UTC
A small subscription applies.
Beware: 4445 is a land-based frequency shared by Australian army & US Coastguard, NOT for boat to boat.

ARNOLD RADIO
ZL1MA
Arnold Gibbons from Auckland

Plans are to transmit the
Fiji Met Analysis map of Eq-35S, 150E-120W
By Weather Fax at 0400 UTC
By FEC at 2000 UTC 0545
On 14,318 kHz SSb (USB)

Cook Islands Meteorological Service

General Weather and Marine Bulletins are issued by Telecom Cook Islands

- 2207 kHz
- 1815, 0015, 0815, UTC

Radio Tuvalu • 621 kHz AM • 1925, 0025, 0725, UTC

THE KINGDOM OF TONGA

Nuku'alofa Marine Radio — VHF Channel 12 , SSB 2080 and 6230 kHz
At 0134, 0834, and 2034 UTC

Local **AM** Radio — 1017 kHz weather in English after news at
7and 8am, 12:15 and 8pm (local time)

NEW CALEDONIA RADIO NOUMEA FJP

Wind Warnings are broadcast in plain **English** on 2182 kHz at five minutes past the hour.

Forecasts in French
- **666, 3355, 7170 kHz**
- **07, 09*, 11, 20, 22hr local**

*** not on Sat and Sun**

Radio Noumea FJP weather **reports** in French:

Area	Frequency	Area	Frequency
Mt Coffyn	90.2 Mhz	Hienghene	90.4 Mhz
Semaphore	99.3 Mhz	Touho	95.8 MHz
Mt Koghi	88.9 Mhz	Houilou	89.3 MHz
Guaco	95.5 Mhz	Port Boise	89.3 Mhz
Koumac	93.0 Mhz	Lifou	93.5 Mhz
Puebo	91.4 Mhz	Mare	89.0 Mhz
Ouvea	90.0 MHz		

Hawaiian Weather

- **WWVH** Kaui

In Voice on AM on 2500, 5000 10,000 and 15,000 kHz . Located in Hawaii. Gives Pacific-wide storm warnings at 48 to 51 mins after each hour.
For those who do not mind time pips with their weather.

HIGH SEAS WEATHER in VOICE on SSB

•NMO
--- 0545 1145 UTC on **2670 6501 8764** kHz
--- 1745 2345 UTC on **2670 8764 13089** kHz

NAVTEX Broadcast on **518 kHz**

•NMO 0040 0440 0840 1240 1640 2040 UTC

SITOR Broadcasts

•NMO 0130 1730 2030 2230 UTC on 8416.5 12579 22376 kHz

NOAA WEATHER RADIO

Continuous Broadcast out to about 100 to 200 nautical miles
WX1 = 162.55 Mhz WX2 = 162.40 Mhz
(covers weather out to 1000 nautical miles)

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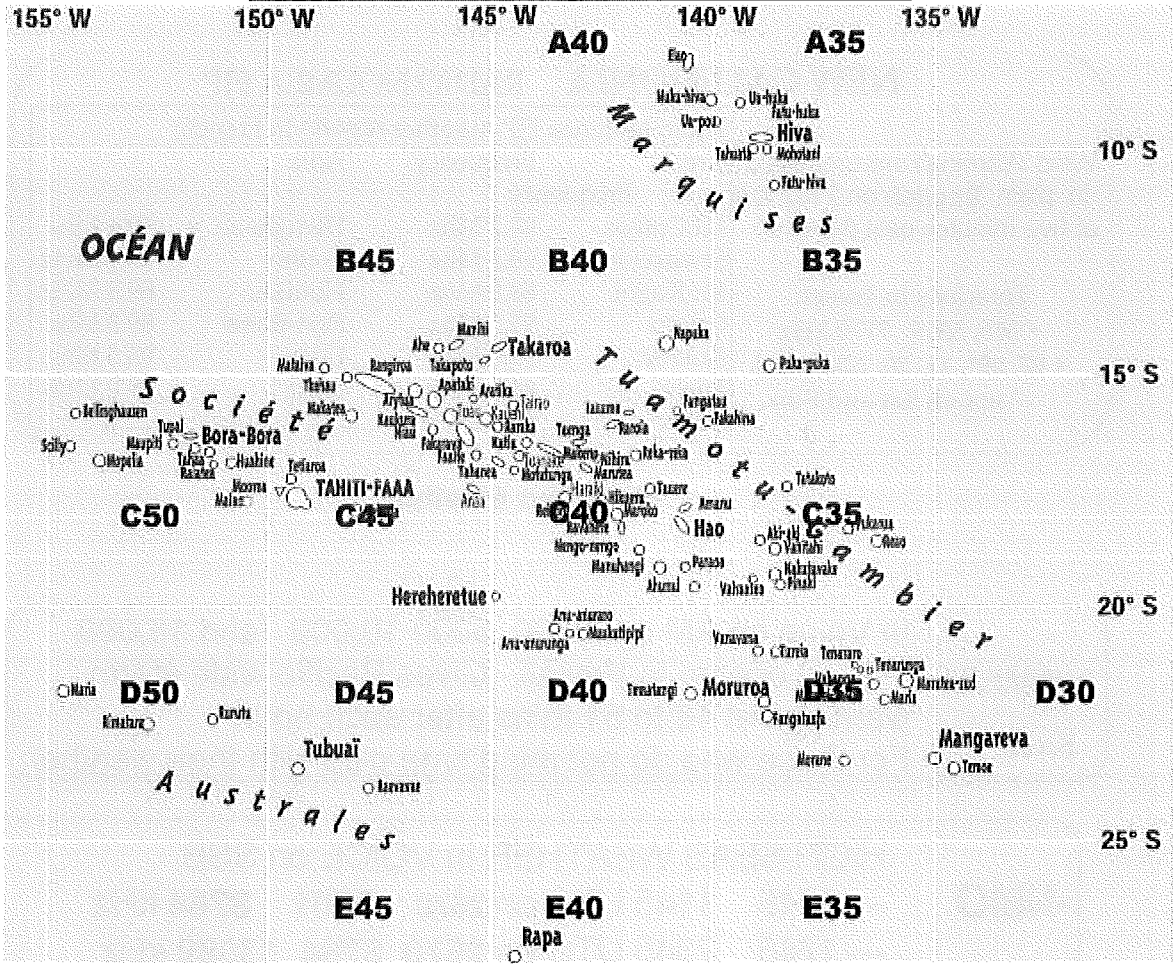
FRENCH POLYNESIA MARINE FORECASTS



MAHINA RADIO

Papeete Marine.

24hour monitoring on 2620 and 8803 kHz and on VHF Ch26,27. Weather information on request in French or English.

Warnings *: BMS Bulletin Maritime Speciale
8803 kHz at 1800,2100,and 0640 UTC
2620 kHz at 2200, 0700 UTC*

Forecasts *:
8803kHz at 2100 UTC
2620kHz at 2200 UTC

Island Reports*
8803kHz at 0640 UTC
2620kHz at 0700 UTC

* All broadcasts are simultaneously transmitted on VHF 26,27with repeaters in Marquesas and Society Island Groups.

AM, FM RADIO

For Land areas and in French. Between 1550,1750, 2150 UTC and the hour, and at 0325 UTC Sometimes omitted on weekends

Papeete

Phone 20488 20335 20633. Weather (Meteo) station at Faaa Airport

EXAMPLES OF FRENCH WEATHER (Météo) FORECASTS

(with thanks to Austin Whitten of Canada)

(This has been copied from actual bulletins may contain a few errors,,,, apologies.)

Common phrases

Avis de grande frit - Strong wind warning (25 to 33 knots)
Avis de coup de vent - Gale warning (over 33 knots)
Mer peu agitée a agitée (fort) - Sea slight to moderate (rough)
Vent faible a modéré - wind slight to moderate (land forecasts)
Grain - squall rafale - gust avaries - showers pluie - rain
Sur moitie nord - for northern half ayers - elsewhere
Iles sous le vent - Leeward islands.
Ciel devenant nuageux (couvert)- sky becoming cloudy (overcast)
Sur le relief des iles haute - over the prominences of the high islands

Wind Warnings

BMS = Bulletin Maritime Specialé.

Voici BMS numero vingt-huit, de vingt-cinq Septembre, milles neuf son quartre-vingt quattorze temp universale, valable douze heures. Depression et zone frontal des presson centre a dix-huit heures temp universale par environ quarante-deux sud, son trente-huit point cinq ouest, deplacement est-sud-est vingt a vingt-cinq noeuds dans zone limité par les points, prime, trente sud, son quarante sept ouest, vingt-huit sud, son quarante ouest, trente sud, son quarante ouest, trente sud, sonquarante-sept ouest; vent sud-ouset a ousest, vingt-cinq a trente trois noeuds, mer fort. Secondo, vingst-huit sud, son quarante ouest, trente sud, son trente-deux ouest, trente sud, son quarante ouest, vingt-huit sud, son quarante ouest; vent nord-ouest, vingt-cinq a trent-trois noeuds, rafale quarante-cinq noeuds, mer fort. Deplacement et evolution ver est a vingt-cinq noeuds. Stop/fin de texte.

Here is BMS 28, of 25 Sept. 1994, at 19hr UTC, valid for 12 hours. Low and frontal system centred at 1800UTC near 42S 138.5W moving ESE at 20-25 knots. In the area defined by the points - firstly 30S 147W, 28S 140W, 30S 140W, 30S 147W; winds SW to W 25-33 knots, sea rough -secondly. 28S 140W, 30S 132W, 30S 140W, 28S 140W;

Winds NW 25-33 knots gusting to 45 knots, sea rough. Area forecast to move E at 25 knots. End of text.

Marine Bulletin

Apera tous, Apera tous, Apera tous, voici le bulletin Marine provision par zone, valable jusque vingt-quartre Septrembre, milles neuf son quartre -vingt quattorze, a vingt heurs temp universale.

Notice to all (X3) here is the marine bulletin provided by zone, valid for the 24th Sept. 1994, from 2000 hours UTC.

L'ouest Marquises, l'est Marqises: vent secteur nord-est, puis nord, a quartorze noeuds, avec de point vingt noeuds sur grains, mer belle a peu agitée, des averses éparse, grain isolée.

West Marquesas and East Marquesas: Wind from the northeast sector, then north, 10 to 14 knots, at times 20 knots in squalls. Sea smooth to slight. Scattered showers and isolated squalls.

Concernant l'oule, oule long sud-ouest deux metre sur l'Australes, un metre cinquante sur les Tuamotus, des Societies et les Gambiers.

Swell state: long swell of 2 metres from the southwest in the Australs, and one and a half metre in the Tuamotus, Society Island and the Gambiers.

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OTHER WEATHER SERVICES ABOUT THE PACIFIC

FOR THE RADIO HAM as at March **1995**

Name	**kHz**	Callsign/ Info	Coverage	Notes
Pacific Maritime Mobile Net Will give you up-to-date details of Ham weather.	**14313**	Les AH60V Jim NH6HN John ZL1AZR Mac (Hawaii) K7YRU	Pacific Ocean	0330 UTC 0400 UTC 0430UTC roll call
Arnold's Weather Net	**14318**	ZK1MA Rarotonga	South Pacific	0400 UTC
John's Weather net	**7082**	VK9JA Norfolk Islands	Tasman Sea South Pacific	2135 UTC
Tony's Maritime net	**14315**	ZL1ATE Northland, NZ	roll call weather	2100UTC passing to John of Norfolk
Comedy Net (Ron)	**7082**	ZL1BTQ, Bay of Plenty, NZ		2135 UTC
"The Group"	**14282**	Maritime land based stations	Tahiti and Hawaii	Weather, news, chat 1800 UTC
Australia, NZ and Africa Net	**21200**		South Pacific +Indian Ocean	0500UTC
PITCAIRN net	**14180** **28950** **21350** **21350**	VR6TC	Covers South Pacific	0630UTC Mon 1700UTC Tue 2200UTC Tue 1630UTC Fri
Travellers Net	**14116**		Indian Ocean	
PACIND Net	**21407**	W6BYS	Pac/Ind Ocean	01UTC
Marine .Mobile	**14313**	KB5YX	Pacific	0100, 1800UTC
Canadian DDD	**14115**	VE7DB Canada	Pacific	0400UTC
USA/AUS TFC	**14280**		Pacific	0500UTC
Pacific Island	**14265**		Pacific	0700UTC
Guam Area	**14310**		NW Pacific	0700UTC
Bay of Islands	**3820** **14329**	ZL1BKD? (Colin's)	AUS/NZ	3820kHz-0715Z 14329 -1900Z
Australia TFC	**7280?**		AUS/ S Pac	0800
PAC inter-Is.	**14315**	P29JM/ KX6QU	SPac/SEAsia	0800-0830
Pac Gunkholers	**14330**		S Pac	1000
Marquesas	**14340**		S. Pac	1545
Skippers	**14329**	KH6OE	Pacific	1700
Kofee Klatch	**14282,3,4,5**	KH6S news	Tahiti/Hawaii	MWS18-19UTC
Confusion	**14305**	W7GYR	S Pac	1800
SPac Cruising	**7076**		S Pac wx	1800
SPac Sailing	**7197**	W0A2CPX	S Pac	1800

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OTHER WEATHER SERVICES ABOUT THE PACIFIC

FOR THE RADIO HAM as at March 1995

Name	kHz	Callsign/ Info	Coverage	Notes
Carribean WX	**3815**	VP2AYL weather	Caribbean	1030, 2230UTC
Canada WX	**3770**	VE1AAC	NE Canada	M-Sa 10-11UTC
Manana M/M	**14342**	KA7HVA Hawaii	Pacific wx	M-Sa 1900UTC
West Pacific	**7255**		West Pacific	1900UTC
Northwest Pac	**3990**		NW Pacific	1900UTC
VK Maritime	**7060**		AUS / S Pac	2000UTC
Daytime Pac	**14318**	(Informal)	Pacific	2130UTC
CA -S Pac	**14286**		Pacific	Mon 2310UTC
SEA M/M	**14320**	VS6SE (Rowdy's)	SWPac/SE Asia	2400
Southbound 2	**12353**	Ontario, Canada	Panama to Galapágos/US	Herb discusses weather

INTERNET SITES WORTH VISITING

There is a wealth of information on weather stored at the Meteorological Society of New Zealand web site links pages at http://metsoc.rsnz.org

For handy computer programs for cruising try http://www.pangolin.co.nz

For information on cruising try http://www.setsail.com

Weather by email for the Cruising Sailor.

HF and Inmarsat email systems are rapidly revolutionising communication for cruising sailors. With email access, a sailor can now download the latest weather analysis and progs, and has access to several types of weather forecasts.

Buoyweather. From www.buoyweather.com for a modest fee you can subscribe to a service offering 100 voyage forecasts, each triggered by your own email whenever and wherever you so require.

Weathergrams: I occasionally (usually on a Sunday) send my weather ideas for sailing around the South Pacific as email messages called weathergrams. These aim to identify all weather that should be avoided during the next week or so, and can thus be used to plan when to start your voyages. Details are given below on how you can get the latest weathergram from Pangolin or from Saildocs, or how you can subscribe onto the pangolin list. If you prefer, send your email to mcdavitt@metservice.com and request to have it put on the "weathergram list".

Pangolin.

Mike Harris has generously setup a system whereby cruising sailors can email their position reports and weather details to a website, so that these can be viewed by loved ones interested in their progress. These **YOTREPS** are building a wonderful

online database. "Weathergrams" have been set up to encourage more cruising sailors to sign on to YOTREPS. You can log yourself on (and off) these (and/or yacht reports) from http://www.pangolin.co.nz/yotreps/list_manager.php
The YOTREPS e-mail list server delivers weather, news and information services to boats at sea. It is designed for those whose only e-mail access is slow and possibly expensive. Care has been taken to give users direct control over the postings they receive and that postings are: up to date, as small as possible, and contain no redundant text or spam. It currently handles distribution of the following postings:
1) SUMMARIES - 0000UTC summaries of all YOTREPS weather/ position reports received within the last 24 hours.
2) WEATHERGRAMS - Bob McDavitt's weekly weather comments for sailing in the South Pacific.
3) FIJI FLEET - 5 figure codes from Fiji Met. Service that provide a quick method of obtaining a synoptic chart of the mid South Pacific.
4) PF BULLETIN - Weather from Meteo-France covering French Polynesia and including fleet codes. the forecast is in simple French and in 4 sections:.
Warnings, General Situation, Area forecasts and Analysis.
5) WCS UK Weekend Weather Prospects from WCS at www.wcsmarine.com.

FOR JUST THE LATEST EDITION
A single copy of any of these postings can be obtained by sending a plain text, subjectless e-mail to **yotreps@pangolin.co.nz** with either the word WEATHERGRAM, FIJI FLEET, PF BULLETIN, WCS UK or HELP in the message body. The site will auto reply via email.

JOINING THE LIST
To obtain regular copies of these postings as they are issued, you can join the list. To do this send a subjectless e-mail to **yotreps@pangolin.co.nz** with the word JOIN in the message body followed by one or more of the following words to indicate the type of messages you would like to receive: SUMMARY WEATHERGRAM FIJI FLEET PF BULLETIN WCS UK. Include no other text in your message. If at some stage you wish to change your list of choices, the procedure is to first LEAVE the list (see below) and then submit a fresh JOIN request.

LEAVING THE LIST
Send a plain text subjectless e-mail to **yotreps@pangolin.co.nz** with just the word LEAVE in the message body.

ANYONE USING THE PANGOLIN LIST SERVER TO GET WEATHER INFO IS ENCOURAGED TO ALSO GIVE IN RETURN AND TO SEND IN YOTREPS
More info is available from http://www.pangolin.co.nz/yotreps/

SAILDOCS
Saildocs is an Internet document retrieval service for the bandwidth-impaired.
Saildocs offers text-based document retrieval and subscription services for offshore sailors, adventurers, missionaries and others who somehow live their lives with only email access (not full Internet). There are currently two services offered, a document retrieval service which will return documents from the Internet or our own files, and a subscription service which will send Internet documents (for example

weather reports) at scheduled intervals. Saildocs is provided without charge thanks to the support in part by Sailmail (www.sailmail.com) but is an independent service which can be used by anyone who agrees to the terms and conditions. Sailmail is a member-owned radio email service for cruising sailors which operates a seamless network of 13 stations world-wide (including five covering the Caribbean and Atlantic). More information on Saildocs is available by sending an email to **info@saildocs.com**, this will return the how-to document (about 5K).

DOCUMENTS AVAILABLE
These include library documents, internet documents (mainly text weather information), web pages, and grib data (specialized binary coded weather data files).

REQUESTING A DOCUMENT.
Documents are requested by sending an email to: **query@saildocs.com**. The subject line can be anything, and the body of the message contains requests of the form "**send xxx**" where "xxx" is the name of the document, or name of a catalog, or name of a code, or INDEX (for a list of all catalogs), or INFO (for help), or a web address (e.g. http://www.sailmail.com - the contents of the web page will be emailed as a text file – The fancier the page, the worse the results. There are also other web-to-text services that may produce a more useful output for some pages).
For information on requesting grib files, send an email to gribinfo@saildocs.com.
If you wish to continue receiving a document (or weather forecast) on a regular basis the send an email to query@saildocs.com and change "send" to "sub" (for subscribe) and eventually with "unsub" or "cancel" to unsubscribe.
The default is a daily email. This can be overridden by adding e.g. time=00:00 interval=6 (for a frequency of 6 hourly commencing at 00:00UTC).
Subscriptions are normally entered for 14 days, a different period can be specified as follows: days=7. A confirmation will be sent for any changes to a subscription. In addition, a full status listing can be requested by including the command "status".
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Victoria University in Wellington
The Physics department of Victoria University (Wellington, NZ) has a web page **http://www.metvuw.com/ows/fleetcode** which provides weather maps. This page converts the latest GFS global computer model analysis and H+24, H+48 and H+72 prognosis mps into IAC FLEET code. It is thus in text and is less than 10k – small enough for being send as an email to the bandwidth-impaired.

FLEET MAPS
If you wish to convert FLEET CODE into readable maps the download **WAIC.exe** from **http://metsoc.rsnz.org/program.html**

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Update Service for "Where to get a forecast"

The world keeps changing. Parts of this last chapter "Where to get a forecast" change every few months. If you would like a copy of our latest update of "Where to get a forecast", simply fill in this section and fax back to +649 307 5993 or email details to mcdavitt@met.co.nz. The fee for this is $NZ10 plus communications.

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