

OPERATIONAL NEWSLETTER

VOLUME 1998

No. 9/10 - SEPTEMBER/OCTOBER 1998

WORLD WEATHER WATCH

MARINE METEOROLOGICAL SERVICES



WORLD METEOROLOGICAL ORGANIZATION
GENEVA
SWITZERLAND

The WMO Secretariat would like to express its appreciation to all those who have contributed material to the “*Operational Newsletter*”.



EDITORIAL

The *Operational Newsletter* on the World Weather Watch (WWW) and Marine Meteorological Services (MMS) has been issued since 1982 at the request of the Commission for Basic Systems. It is distributed by the WMO Secretariat and is aimed at providing WWW Centres with a summary of the latest operational information on:

- I. The Global Observing System
- II. The Global Telecommunication System
- III. The Global Data-Processing System
- IV. Data Management and Codes
- V. Marine Meteorological Services

A feedback form is included in the *Newsletter* to assist WMO Members in reporting changes in the present status of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations.

Your co-operation in ensuring that the above information reaches the appropriate operational units of your service is greatly appreciated.

In addition to the printed version which is distributed by mail, the *Newsletter* is also available at the following locations:

For access via FTP:

<ftp://www.wmo.ch/wmo-ddbs/OperationalInfo/Newsletters/>

For access via http:

<http://www.wmo.ch/web/ddbs/jen/Newsletters/index.html>

The file is created in Adobe Acrobat PDF format so that users can easily download, view or print the document from different computer platforms, keeping the page layout and typography of the original document intact.

To view the *Newsletter* you will require "Adobe Acrobat Reader", which can be downloaded from:

<http://www.adobe.com/prodindex/Acrobat/readstep.html>

Comments are more than welcome. Should you have any difficulties downloading, viewing or printing the *Newsletter* ... Our e-mail address is as follows:

PWOI@WWW.WMO.CH

We look forward to hearing from you.

Rising costs demand that we scale down the distribution of the Newsletter by letter mail, so we strongly encourage our readers to help us become more cost-effective by using our new on-line service.

CONTENTS

Editorial	3
I. Global Observing System	5-14
1. Information on the Operational Status of Elements of the Surface-Based Sub-System	5-14
1.1 Feed-Back from Members to the Secretariat on any changes in the Observing Network	5
1.2 Daylight Saving Time	5
1.3 Automatic Marine Stations	6-11
Canada	6-7
United States of America	7-9
Australia	9
France	10-11
Argos	12
1.5 Explanatory Notes	13
<u>Form</u> : Feed-Back from Members to the Secretariat on any changes in the Observing Network	14
III. Global Telecommunication System	
"Additional" Data and Products - New edition attached at the end of this Newsletter	
.....	
.....	
.....	
IV. Data Management and Codes	15
1. WMO Publication No. 306 - <i>Manual on Codes</i>	15



1. Information on the Operational Status of Elements of the Surface-Based Sub-System

1.1 Feed-back from Members to the Secretariat on any changes in the observing network

In view of the difficulties experienced in identifying non-implemented observing stations, implemented stations which are closed or suspended for a certain period, or stations making observations that do not reach their NMCs, a special table accompanied by explanatory notes is included in this Newsletter. The table will serve as feed-back from Members to the Secretariat on any changes of the present state of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations.

Members are urged to fill in the table attached as and when appropriate, and to return it to the Secretariat before the 20th of every other month, i.e. February, April, June, August, October, December, to enable changes to be included in the next "Newsletter".

1.2 Daylight Saving Time

AUSTRALIA

Tasmania will implement daylight saving of one hour at 1600 UTC 3 October 1998. Summer Time will continue until 1500 UTC 27 March 1999.

New South Wales, the Australian Capital Territory, South Australia and Victoria will implement daylight saving of one hour at 1600 UTC 24 October 1998. Summer time will continue until 1500 UTC 27 March 1999.

Western Australia, Queensland and northern Territory will not be implementing Summer Time.

The following changes to the observational schedule for Australian stations will be implemented for the duration of Summer Time:

Surface observations:

Surface observations in States implementing Summer Time will be made one hour earlier than schedules previously advised.

Western Australia, Queensland and the Northern Territory surface observations will continue on the present schedule.

Upper-air observations:

All Australian upper-air stations will make ascents at 1715, 2315 0515 and 1115 UTC.

Other stations under Australian control will adopt the following schedules:

- 94299 - Willis Island will follow Queensland practice.
- 94995 - Lord Howe Island will follow New South Wales practice.
- 94996 - Norfolk Island will follow New South Wales practice.
- 94998 - Macquarie Island will follow Tasmanian practice

NEW ZEALAND

New Zealand will introduce a period of daylight saving from 1400 UTC, 4 October 1998 to 1400 UTC, 21 March 1999.

During this period all synop reports and upper-air soundings will be carried out one hour earlier.

I.

1.3 Automatic Marine Stations

KEY: Observed or Technical Parameters

Column	Parameters	Column	Parameters
1	Wind direction, speed and peak wind	12	Battery Voltage (BV)
2	Air temperature		
3	Air pressure	-	Parameter not observed
4	Pressure tendency	X	Buoy observes this parameter
5	Sea-surface temperature	.	Data under evaluation, not reported
6	Wave period and height		
7	Wave spectra	B	Buoy beached, sensor reporting
8	Drogued	N	No sensor installed
9	Subsurface temperatures	Q	Data questionable, but reported
10	Relative humidity	R	Buoy Retrieved
11	Visibility	S	Sensor/system failure

CANADA

Moored Buoys

North-east Pacific Ocean (SNVD17 & SXCN50 CWVR, SNVD04 CWEG)

WMO Buoy Identifier	ARGOS Identifier	Position: 2 Oct. 1998		Observed or Technical Parameters											
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11	
46004	7180	50 58' N	135 48' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46036	7195	48 21' N	133 55' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46131	N/A	49 54' N	124 59' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46132	7196	49 44' N	127 55' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46145	7197	54 23' N	132 26' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46146	N/A	49 20' N	123 44' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46147	4485	51 49' N	131 12' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46181	N/A	53 50' N	128 50' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46183	7186	53 37' N	131 06' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46184	7182	53 54' N	138 52' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46185	7194	52 24' N	129 47' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46204	4484	51 22' N	128 45' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46205	7183	54 10' N	134 20' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46206	7187	48 50' N	126 00' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46207	7193	50 52' N	129 55' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46208	7184	52 30' N	132 42' W	X	X	X	X	X	X	X	X	N/A	-	-	-

Moored Buoys (North-west Atlantic Ocean)

WMO Buoy Identifier	ARGOS Identifier	Position: 2 Oct. 1998		Observed or Technical Parameters											
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11	
44137	5579	41 50' N	060 56' W	X	X	X	X	X	X	X	X	N/A	-	-	-
44138	5577	44 16' N	053 37' W	X	X	X	X	X	X	X	X	N/A	-	-	-
44139	3448	44 11' N	057 33' W	X	X	X	X	X	X	X	X	N/A	-	-	-
44141	3449	42 07' N	056 11' W	S	X	X	X	X	X	X	X	N/A	-	-	-
44142	5578	42 30' N	064 01' W	X	X	X	X	X	X	X	X	N/A	-	-	-
44251	9234	46 26' N	053 23' W	X	X	X	X	X	X	X	X	N/A	-	-	-
44255	9233	47 17' N	057 21' W	X	X	X	X	X	X	X	X	N/A	-	-	-

I.

Moored Buoys (Gt Slave Lk., Lk. Winnipeg, Great Lks., Gulf of St. Lawrence)

WMO Buoy Identifier	ARGOS Identifier	Position: 2 Oct. 1998		Observed or Technical Parameters											
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11	
45132	N/A	42 28' N	081 13' W	X	X	X	X	X	X	X	X	N/A	-	-	-
45135	N/A	43 47' N	076 52' W	*	X	X	X	X	X	X	X	N/A	-	-	-
45136	N/A	48 32' N	086 57' W	X	X	X	X	X	X	X	X	N/A	-	-	-
45137	N/A	45 33' N	081 01' W	X	X	X	X	X	X	X	X	N/A	-	-	-
45138	3436	49 33' N	065 46' W	X	X	X	X	X	X	X	X	N/A	-	-	-
45139	N/A	43 26' N	079 23' W	X	X	X	X	X	X	X	X	N/A	-	-	-
45140	8671	50 47' N	096 44' W	X	X	X	X	X	.	.	N/A	-	-	-	
45141	N/A	61 07' N	115 11' W	X	S	S	S	X	X	X	N/A	-	-	-	
45142	N/A	42 44' N	079 17' W	X	X	X	X	X	X	X	N/A	-	-	-	
45143	N/A	44 55' N	080 38' W	X	X	X	X	X	X	X	N/A	-	-	-	
45150	3439	61 55' N	113 45' W	X	X	X	X	X	X	X	N/A	-	-	-	

Drifting Buoys, Pacific Ocean

WMO Buoy Identifier	ARGOS Identifier	Position: 1 Oct. 1998		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
46632	12517	53 12' N	152 12' W	X	X	X	X	X	.	.	X	-	-	-
46641	12511	47 42' N	132 54' W	.	X	X	X	X	.	.	X	-	-	-
46657	12516	52 12' N	159 00' W	X	S	X	X	X	.	.	X	-	-	-
46660	12520	42 54' N	159 18' W	S	X	X	X	X	.	.	X	-	-	-
46661	12521	46 24' N	159 06' W	X	S	X	X	X	.	.	X	-	-	-
46692	12513	43 18' N	143 12' W	X	X	X	X	X	.	.	X	-	-	-
46698	12515	49 24' N	158 30' W	X	X	X	X	X	.	.	X	-	-	-

Remarks:

- 44140 - Buoy ashore
- 44141 - Winds u/s Sept 03/98
- 45135 - Compasses u/s, wind data suppressed Aug 13.
- 45144 - No deployment in 1998.
- 45150 - Deployed June 28. Wave height ok, wave period u/s.
- 44153 - Buoy recovered in Sept.

Failed:

- 44153 - Experimental SWS-2 ODAS buoy deployed Feb 19. Failed Mar 11.

UNITED STATES OF AMERICA

List of U.S.A. Ocean Data Acquisition Systems (ODAS) included in the Data Platform Status Report of the Data Buoy Centre of the National Oceanic and Atmospheric Administration (NOAA) on 16 October 1998.
 Data from moored buoys and platforms are collected by geostationary meteorological satellites and reports are distributed on the GTS in SHIP code. Data from drifting buoys are collected by the ARGOS system and distributed on the GTS in DRIFTER CODE.

Moored Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 8-15 Oct. 1998		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
41001*		34.68N	72.64W	X	X	X		X	X	X	-	-	-	-
41002*		32.28N	75.20W	X	X	X		X	X	X	-	-	-	-
41004		32.51N	79.10W	X	X	X		S	X	X	-	-	-	-
41008*		31.40N	80.87W	X	X	X		S	X	X	-	-	-	-
41009		28.50N	80.18W	X	X	X		X	X	X	-	-	-	-
41010		28.89N	78.55W	X	X	X		X	X	X	-	-	-	-
42001*		25.93N	89.65W	X	S	X		S	X	X	-	-	-	-

I.

42002*		25.89N	93.57W	X	X	X		X	X	X	-	-	-	-
42003*		25.94N	85.91W	X	X	X		X	X	X	-	-	-	-
42007		30.09N	88.77W	S	X	X		X	X	X	-	-	-	-
42019		27.92N	95.35W	X	X	X		X	X	X	-	-	-	-
42020		26.92N	96.70W	X	X	X		X	X	X	-	-	-	-
42035		29.25N	94.41W	X	X	X		X	X	X	-	-	-	-
42036		28.51N	84.51W	X	X	X		X	X	X	-	-	-	-
42039		28.78N	86.04W	X	X	X		X	X	X	-	-	-	-
42040		29.20N	88.25W	X	X	X		X	X	X	-	-	-	-
44004*		38.46N	70.69W	X	X	X		X	X	X	-	-	-	-
44005*		42.90N	68.89W	X	X	X		X	X	X	-	-	-	-
44007		43.53N	70.14W	X	X	X		S	X	X	-	-	-	-
44008*		40.50N	69.43W	X	X	X		X	X	X	-	-	-	-
44009*		38.46N	74.70W	X	X	X		X	X	X	-	-	-	-
44011*		41.08N	66.58W	X	X	X		X	X	X	-	-	-	-
44013		42.35N	70.69W	X	X	X		X	X	X				
44014		36.58N	74.83W	X	X	X		X	X	X	-	-	-	-
44025		40.25N	73.17W	X	X	X		X	X	X	-	-	-	-
45001*		48.06N	87.78W	X	X	X		X	X	X	-	-	-	-
45002*		45.30N	86.42W	X	X	S		X	X	X	-	-	-	-
45003*		45.33N	82.77W	X	X	X		X	X	X	-	-	-	-
45004*		47.56N	86.55W	S	X	X		X	X	X	-	-	-	-
45005*		41.67N	82.39W	X	X	X		X	X	X	-	-	-	-
45006*		47.32N	89.87W	X	X	X		X	X	X	-	-	-	-
45007*		42.67N	87.02W	X	X	X		X	X	X	-	-	-	-
45008*		44.28N	82.42W	X	X	X		X	X	X	-	-	-	-
46001*		56.30N	148.17W	X	X	X		X	X	X	-	-	-	-
46002*		42.53N	130.26W	D	D	D		D	D	D	-	-	-	-
46003*		51.85N	155.92W	X	X	X		X	X	X	-	-	-	-
46005*		46.08N	131.00W	X	X	X		X	X	X	-	-	-	-
46006*		40.84N	137.49W	X	X	X		X	X	X	-	-	-	-
46011		34.88N	120.87W	X	X	X		X	X	X	-	-	-	-
46012		37.39N	122.72W	X	X	X		X	X	X	-	-	-	-
46013		38.23N	123.33W	X	X	X		X	X	X	-	-	-	-
46014		39.22N	123.97W	X	X	X		X	X	X	-	-	-	-
46022		40.74N	124.51W	X	X	X		X	X	X	-	-	-	-
46023		34.71N	120.97W	X	X	X		X	X	X	-	-	-	-
46025		33.75N	119.08W	X	X	X		X	X	X	-	-	-	-
46026*		37.76N	122.83W	X	X	X		X	X	X	-	-	-	-
46027		41.85N	124.38W	S	S	S		S	S	S	-	-	-	-
46028		35.74N	121.89W	X	X	X		X	X	X	-	-	-	-
46029*		46.12N	124.50W	X	X	X		X	X	X	-	-	-	-
46030		40.42N	124.53W	X	X	X		X	X	X	-	-	-	-
46035		56.91N	177.81W	X	X	X		X	X	X	-	-	-	-
46041		47.42N	124.53W	X	X	X		X	X	X	-	-	-	-
46042		36.75N	122.42W	X	X	X		X	X	X	-	-	-	-
46045		33.84N	118.45W	X	X	X		X	X	X	-	-	-	-
46050		44.62N	124.53W	X	X	X		X	X	X	-	-	-	-
46053		34.24N	119.85W	S	S	S		S	S	S	-	-	-	-
46054		34.27N	120.45W	X	X	X		X	X	X	-	-	-	-
46059		37.98N	130.00W	X	S	S		X	X	X	-	-	-	-
46060		60.58N	146.83W	X	X	X		X	X	X	-	-	-	-
46061		60.22N	146.83W	X	X	X		X	X	X	-	-	-	-
46062		35.10N	121.01W	X	X	X		X	X	X	-	-	-	-
46063		34.25N	120.66W	X	X	X		X	X	X	-	-	-	-
51001*		23.40N	162.27W	X	X	X		X	X	X	-	-	-	-
51002*		17.19N	157.83W	X	X	X		X	X	X	-	-	-	-
51003*		19.14N	160.81W	R	R	R		R	R	R	-	-	-	-

I.

51004*		17.44N	152.52W	X	X	X		X	X	X	-	-	-	-
51028		.00N	153.88W	X	X	X		X	X	X	-	-	-	-

*Base funded station of National Weather Service (NWS); however, all stations report data to NWS.

Total Base Funded Buoys: 30
 Total Other Buoys : 37
 Total Moored Buoys : 67

REMARKS (dates are represented as follows (mm/dd/yy):

- 41001 - Parity errors in data.
- 41004 - Water temp data failed 2/2/97.
- 41008 - Water temp data failed 8/11/98.
- 42001 - Water temp data failed 4/6/98, air temp data failed 9/10/98, service scheduled 1/99.
- 42007 - Wind data failed 9/27/98.
- 44007 - Water temp data failed 8/14/98.
- 45002 - Pressure data failed 9/30/98.
- 45004 - Wind data failed 9/6/98.
- 46002 - Buoy confirmed adrift 9/24/98, redeployment scheduled 10/20/98.
- 46013 - Parity errors in data.
- 46027 - Station failed 10/2/98.
- 46035 - Parity errors in data.
- 46053 - Buoy failed 9/25/98.
- 46059 - Air temp and pressure data failed 12/10/97.
- 51003 - Buoy confirmed adrift 8/25/98, recovered to port 8/31/98, redeployment scheduled 10/15/98.

AUSTRALIA

Drifting Buoys (Drogued/Undrogued)

WMO Buoy Identifier	ARGOS Identifier	Position: 31 August 1998		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
52624	2942	-14.012	138.57	X	X	X	X	X	-	-	-	-	-	-
53548	17179	-20.444	57.711	-	X	X	-	S	-	-	-	-	-	-
56521	2934	-42.922	-78.634	-	-	S	-	X	-	-	-	-	-	-
56529	4873	-30.38	70.116	-	-	X	-	X	-	-	-	-	-	-
56531	4872	-25.781	90.343	-	-	S	-	X	-	-	-	-	-	-
56532	2949	-38.746	137.234	-	X	X	X	X	-	-	-	-	-	-
56533	2948	-41.626	171.211	-	X	X	X	X	-	-	-	-	-	-
56535	2939	-54.842	-147.271	-	X	X	X	X	-	-	-	-	-	-
56536	4876	-45.324	-172.828	-	-	S	-	X	-	-	-	-	-	-
56537	2930	-18.262	105.671	X	X	X	X	S	-	-	-	-	-	-
56539	8035	-46.047	133.083	-	X	X	X	X	-	-	-	-	-	-
56540	4877	-30.347	111.634	-	-	X	X	X	-	-	-	-	-	-
56541	8037	-61.107	110.574	-	X	X	X	X	-	-	-	-	-	-
56542	8038	-50.056	103.084	-	X	X	X	X	-	-	-	-	-	-
74539	8036	-57.715	81.522	-	X	X	X	X	-	-	-	-	-	-

I.

FRANCE

Moored Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 21 Oct. 1998		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
15001*	-	10.0S	10.0W	X	X	-	-	X	-	-	-	X	-	-
41096	5833	16.5N	61.5W	-	-	-	-	X	X	.	-	-	-	-
41097	5832	14.9N	61.1W	-	-	-	-	X	X	.	-	-	-	-
41098	5834	14.6N	60.8W	-	-	-	-	X	X	.	-	-	-	-
62001**	-	45.2N	5.0W	X	X	X	X	X	X	-	-	-	X	-
62163**	-	47.5N	8.5W	X	X	X	X	X	X	-	-	-	X	-

* Pirata project

** Cooperation UK Met. Office/Meteo-France.

Drifting Buoys: Indian and Pacific Oceans

WMO Buoy Identifier	ARGOS Identifier	Position: 21 Oct. 1998		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
16537	5791	35.0S	116.5E	S	-	S	S	S	-	-	-	-	-	-
23581	14418	5.8N	95.3E	S	-	S	-	S	-	-	-	-	-	-
23583	14429	8.2S	56.5E	X	-	X	X	X	-	-	-	-	-	-
23584	6574	4.4S	58.8E	-	-	X	X	X	-	-	X	-	-	-
23585	5882	11.3S	45.0E	S	-	X	-	X	-	-	X	-	-	-
23586	6152	2.4S	64.9E	-	-	X	X	X	-	-	X	-	-	-
51683	5246	11.8S	144.6W	-	-	X	X	X	-	-	X	-	-	-
51684	5247	16.9S	161.3W	-	-	X	X	X	-	-	X	-	-	-
51685	5248	11.5S	143.5W	-	-	X	X	X	-	-	X	-	-	-
51686	5249	9.6S	143.4W	-	-	X	X	X	-	-	X	-	-	-

Drifting Buoys: Tropical Atlantic Ocean

WMO Buoy Identifier	ARGOS Identifier	Position: 21 Oct. 1998		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
13537	1611	5.3N	3.1E	-	-	-	-	X	-	-	X	-	-	-
13538	1612	1.6N	4.5E	-	-	-	-	X	-	-	X	-	-	-
13539	1613	20.2N	59.8W	-	-	-	-	X	-	-	X	-	-	-
13540	1614	15.0N	42.8W	-	-	-	-	X	-	-	X	-	-	-
41598	8259	25.8N	46.5W	X	-	X	-	X	-	-	X	-	-	-
41599	8260	25.6N	39.8W	X	-	X	-	X	-	-	X	-	-	-
41601	8262	18.8N	48.6W	X	-	X	-	X	-	-	X	-	-	-
41633	8330	13.3N	56.3W	X	-	X	-	X	-	-	X	-	-	-
41635	8716	25.5N	54.1W	S	-	X	-	X	-	-	X	-	-	-
41636	8717	15.5N	50.6W	X	-	X	-	X	-	-	X	-	-	-
41637	8718	23.1N	46.0W	X	-	X	-	X	-	-	X	-	-	-
41638	8719	18.6N	59.5W	X	-	X	-	X	-	-	X	-	-	-

Drifting Buoys: North Atlantic

WMO Buoy Identifier	ARGOS Identifier	Position: 21 Oct. 1998		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
41597	6573	31.0N	26.3W	-	-	X	X	X	-	-	X	-	-	-

I.

44601	5878	53.7N	40.7W	X	-	X	-	X	-	-	X	-	-	-
44602	5883	52.8N	31.5W	X	-	X	-	X	-	-	X	-	-	-
44603	6571	50.9N	40.6W	-	-	X	X	X	-	-	X	-	-	-
44604	6572	44.5N	31.2W	-	-	X	X	X	-	-	X	-	-	-
44606	6148	53.5N	37.6W	-	-	X	X	X	-	-	X	-	-	-
44609	5879	59.3N	21.2W	S	-	S	-	S	-	-	S	-	-	-
62506	5826	45.9N	7.0W	S	X	X	X	X	-	-	-	-	-	-
62508	4169	46.2N	6.6W	-	-	S	-	S	-	-	-	S	-	-
62509	4170	45.5N	4.1W	-	-	S	-	S	-	-	-	S	-	-
62510	4171	45.2N	4.7W	-	-	S	-	S	-	-	-	S	-	-
62511	12729	46.7N	17.9W	-	-	X	X	X	-	-	X	-	-	-
62512	12730	46.7N	18.0W	-	-	X	X	X	-	-	X	-	-	-
62513	12731	47.0N	18.0W	-	-	X	X	X	-	-	X	-	-	-
62515	6569	57.1N	33.0W	-	-	X	X	X	-	-	X	-	-	-
62517	5823	49.1N	17.8W	X	X	X	X	X	-	-	-	-	-	-
62518	6149	46.0N	16.8W	-	-	X	X	X	-	-	X	-	-	-
62519	6570	43.2N	20.8W	-	-	X	X	S	-	-	X	-	-	-
62520	14431	44.2N	18.7W	-	-	X	X	X	-	-	-	-	-	-
62553	3009	50.0N	8.3W	S	S	S	S	S	-	-	-	-	-	-
62554	14430	46.1N	16.5W	-	-	X	X	X	-	-	-	-	-	-
62758	15516	43.5N	20.0W	X	-	X	-	X	-	-	-	X	-	-

ARGOS SERVICE ARGOS Monthly Status Report

Date of statistics computation:
1 October 1998

Date of statistics computation:
3 August 1998

• **REPORTS HANDLED BY ARGOS SERVICE**

(list of monthly collected ARGOS platforms sorted by type of platform)

Drifting Buoys	981
Boats (<20 knots)	-
Marine Stations	-
Moored Buoys	272
Fixed Stations	483
Marine Animals	145
Terrestrial Animals	115
Birds	137
Balloons	8
Rafos Floats	-
TOTAL:	2141

Drifting Buoys	1059
Boats (<20 knots)	-
Marine Stations	-
Moored Buoys	292
Fixed Stations	589
Marine Animals	167
Terrestrial Animals	109
Birds	132
Balloons	4
Rafos Floats	-
TOTAL:	2352

• **REPORTS INSERTED INTO THE GTS**

(list of monthly collected ARGOS platforms on indicated GTS sites sorted by type of platform)

INSERTED BY RTH TOULOUSE:

Drifting Buoys	138
Fixed Stations	20
Moored Buoys	6
XBT Ships	16

INSERTED BY RTH TOULOUSE:

Drifting Buoys	134
Fixed Stations	19
Moored Buoys	8
XBT Ships	16

INSERTED BY RTH/WMC WASHINGTON:

Drifting Buoys	497
Fixed Stations	28
Moored Buoys	64
XBT Ships	-

INSERTED BY RTH/WMC WASHINGTON:

Drifting Buoys	491
Fixed Stations	28
Moored Buoys	64
XBT Ships	-

• **CODING STATISTICS OF PLATFORMS**

reporting through ARGOS and distributed over the GTS:

BATHY	358
BUOY	246090
SHIP:	-
SYNOP:	29682
TOTAL:	276130

BATHY	367
BUOY	244716
SHIP:	-
SYNOP:	31615
TOTAL:	276698

1.5 EXPLANATORY NOTES

Separate tables should be prepared for global exchange and regional exchange respectively. These tables should contain information concerning any changes of the present state of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations for Volume A and the Catalogue of Meteorological Bulletins.

For entries in these tables, the following should be taken into account:

- COLUMN A:** The station index number (IIiii) and station name;
- COLUMN B:** Latitude and Longitude in degrees and minutes with the appropriate letters (N, S, E and W);
- COLUMN C:** The TTAAii CCCC of the abbreviated headings of the meteorological bulletins which contain reports from the station should be inserted;
- COLUMN D:** “X” for implementation and “-” for non-implementation should be inserted as appropriate. In order to easily identify changes in the programme, these should be marked in red;
- COLUMN E:** HP = Elevation of the station in metres (the datum level to which barometric pressure reports at the station refer);
- H = Elevation of the ground, in metres, (average level of terrain in immediate vicinity of station), for stations not located on aerodromes;
- H A = Official altitude of the aerodrome given for stations located on aerodromes is indicated by the letter “A” in the column “Other observations and Remarks” of Volume A;

- COLUMN F:** For those stations not indicating pressure reduced to mean sea level (group 4PPPP) in their synoptic reports, the entry in this column shows which information is reported in lieu of group 4PPPP (see table 1):

STATION	Pressure at station level reported using group 3P _o P _o P _o P _o
1000 hPa	Geopotential of the given standard isobaric surface reported using group 4a ₃ hhh
850 hPa	
700 hPa	
500 hPa	

Table 1

- COLUMN G:** Reasons for temporary suspension of observing programmes and an expected date of resumption of the programmes should be given as far as possible. Non-standard collection and/or distribution times should also be included, and also possible alternate observing stations, as appropriate.

These tables should be sent to the WMO Secretariat
BEFORE the 20th of the month
 for inclusion in the
 “OPERATIONAL NEWSLETTER”

Feed-Back from Members to the Secretariat on any Changes in the Observing Network

Country: _____

PLEASE TICK THE APPROPRIATE BOX

Global Exchange:

Date effective: _____

Regional Exchange:

(A)		(B)		(C)	(D)								(E)		(F)	(G)
Index No.	Station Name	Position		Bulletin Identification	Implementation of Observing Programme								Elevation		Pressure	Remarks
		Latitude	Longitude	TTAAii CCCC	00	03	06	09	12	15	18	21	HP	H/HA	Level	
SYNOP																
TEMP																
PILOT																

IV. DATA MANAGEMENT AND CODES

1. WMO Publication No. 306 “Manual on Codes” Volume II - Regional Codes

Changes to codes

Region VI - France

Section D - National Coding procedures with regard to International Code Forms

Page II - 6 - D - 3 (page number of English version)

Under:

FRANCE

FM 12 SYNOP

After 4E'sss When 1800 UTC :

Insert the following text:

9SpSpssp The group 931ss is used to report the depth of newly fallen snow with the form 931s's' where s's' is the depth of newly fallen snow in centimetres. (99 means 99 cm or more)