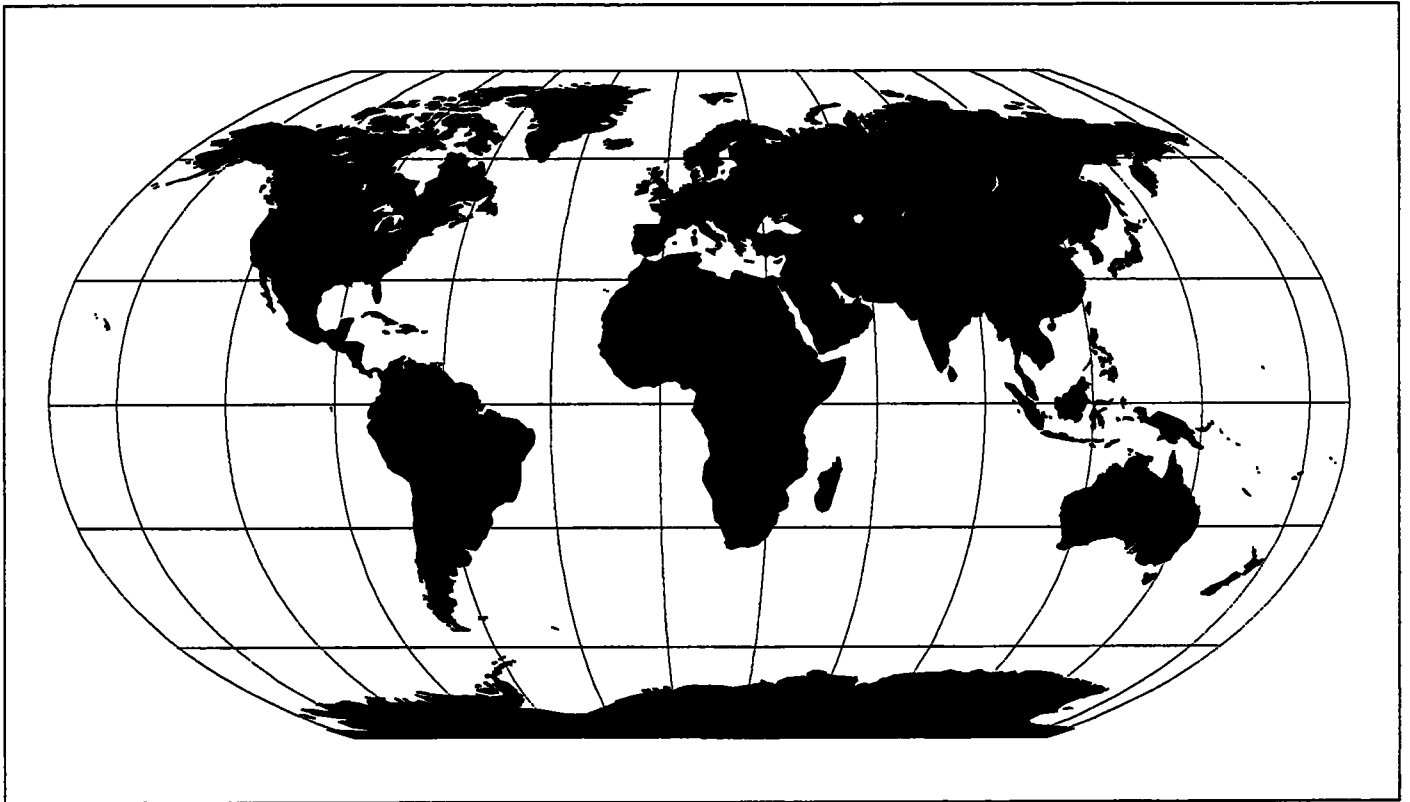


# OPERATIONAL NEWSLETTER

Volume 1996 - No. 3 - March 1996

---



**WORLD WEATHER WATCH  
WORLD METEOROLOGICAL ORGANIZATION  
GENEVA**

The WMO Secretariat would like to express its appreciation to all those who have contributed material to the "Operational Newsletter". ■


# FOREWORD

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:

- The Global Observing System
- The Global Telecommunication System
- The Global Data-Processing System
- Codes
- Marine Meteorological Services

A feedback form is included at the end of 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.



(G.O.P. Obasi)  
Secretary-General

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

**For access via FTP:**

**[WWW.WMO.CH/wmo-ddbs/Newsltrxx.pdf](http://WWW.WMO.CH/wmo-ddbs/Newsltrxx.pdf)**

**For access via html:**

**<http://WWW.WMO.CH/web/www/Newsltrxx.pdf>**

(xx indicates the number of the month)

PLEASE check our World Weather Watch home page at the end of each month for the most recent edition.

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/Acrobat/readstep.html>**

Do let us know whether you had any difficulties downloading, viewing or printing the Newsletter ... or whether you were just satisfied. Our e-mail address is as follows:

**[PWOI@WWW.WMO.CH](mailto: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

FOREWORD .....	3
<b>I. GLOBAL OBSERVING SYSTEM .....</b>	<b>6</b>
<b>INFORMATION ON THE OPERATIONAL STATUS OF ELEMENTS OF THE SURFACE-BASED SUB-SYSTEM .....</b>	<b>6</b>
<b>Publication No. 9: Volume A - Observing Stations .....</b>	<b>6</b>
Deleted Stations .....	6
New Stations .....	7
Changes to existing Stations .....	8
Temporary Changes .....	9
<b>Automatic Marine Stations .....</b>	<b>10</b>
Canada .....	10
Moored Buoys .....	10
•North-east Pacific Ocean .....	10
•North-west Atlantic Ocean .....	11
•Great Slave Lake, Lake Winnipeg, Great Lakes, Gulf of St. Lawrence .....	11
Drifting Buoys .....	11
•North-east Pacific Ocean .....	11
United States of America .....	11
Moored Buoys .....	12
Drifting Buoys .....	14
France .....	15
Moored Buoys .....	15
Drifting Buoys .....	15
•Indian Ocean .....	15
•South Atlantic .....	15
•North Atlantic .....	15
United Kingdom of Great Britain and Northern Ireland .....	16
Moored Buoys (Including Light Vessels, Islands and Fixed Platforms) .....	16
Drifting Buoys .....	17
<b>ARGOS Service .....</b>	<b>18</b>
ARGOS Monthly Status Report .....	18
Reports handled by ARGOS Service; (list of monthly collected ARGOS platforms on indicated GTS sites sorted by type of platform) .....	18
Reports for insertion into the GTS .....	18
•Inserted by RTH Toulouse: .....	18
•Inserted by RTH/WMC Washington: .....	18

**CONTENTS**

WMO coding statistics of platforms reporting through ARGOS and distributed over the GTS ..... 18

Feed-back from Members to the Secretariat on any changes in the observing network ..... 19

EXPLANATORY NOTES ..... 20

FORM: FEED-BACK FROM MEMBERS TO THE SECRETARIAT ON ANY CHANGES IN THE OBSERVING NETWORK ..... 21

IV. CODES ..... 22

    MANUAL ON CODES ..... 22

    National Practices ..... 22

    E-National coding procedures with regard to international code forms: ..... 22

# I. GLOBAL OBSERVING SYSTEM

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

Publication No. 9

Volume A - Observing Stations

### Deleted Stations

Index No.	Name
Region II - India (Stations North of Latitude 20°N)	
42707	BANKURA
Region V - French Polynesia (Marquesas Islands)	
91921	NUKU A TAHA
Region V - French Polynesia (Austral Islands)	
91950	RURUTU
Region VI - United Kingdom of Great Britain and Northern Ireland	
03038	FORT WILLIAM
03060	TUMMEL BRIDGE
03067	FEALAR LODGE
03071	GRANTOWN-ON-SPEY
03118	CORSEWALL POINT
03208	POINT OF AYRE
03312	RHYL
03386	NORTH COATES
03388	BINROOK
03415	SHAWBURY
03461	WITTERING
03603	BRAWDY
03610	PENCELLI
03613	CWMBARGOED
03657	BENSON
03694	SHOEBURYNESS
03764	BRACKNELL

Index No.	Name
03774	CRAWLEY
03793	ANVIL GREEN
03800	SCILLY, ST. MARY'S AIRPORT
03875	WELLOW
03877	EAST HOATHLY
03883	EASTBOURNE
03905	CARRIGANS
03922	AUGHTON (EFFECTIVE 31 MARCH 1996)
03925	ORLOCK HEAD

**Publication No. 9**  
**Volume A - Observing Stations**

**New Stations**

Index No.	Name of Station	Latitude	Longitude	Elevation Pressure			Surface Observations								OBS. H	Upper-air				Re- marks
				HP	H/A	Level	00	03	06	09	12	15	18	21	OBS.S	00	06	12	18	
<b>Region II - India (Stations North of Latitude 20°N)</b>																				
42706	BANKURA	2315N	8703E	82	-		X	X	X	X	X	X	X	X						
Previous index number was 42707																				
42874	PBO RAIPUR	2113N	8140E	298	294	980 hPa	.	X	.	.	X	.	.	.		RW	.	RW	P	
<b>Region II - India (Stations South of Latitude 20°N)</b>																				
43147	TUNI	1721N	8233E	35	35		.	X	X	X	X	.	.	.		.	.	.	.	
<b>Region VI - United Kingdom of Great Britain and Northern Ireland</b>																				
03031	LOCH GLASCANOCH	5743N	0453W	-	265		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03044	ALTNAHARRA	5817N	0426W	-	81		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03130	WEST FREUGH	5451N	0457W	-	17		.	.	.	X	X	X	.	.	H08-15	.	RW	.	.	
03136	PRESTWICK RN	5531N	0435W	-	26		X	X	X	X	X	X	X	X	H09-17	.	.	.	.	
03224	SPADEADAM	5503N	0233W	-	285		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03305	CAPEL CURIG	5306N	0356W	-	216		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03385	DONNA NOOK	5329N	0005E	-	8		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	
03405	ABERDARON	5247N	0444W	-	95		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03411	ABERHOSAN	5234N	0343W	-	244		.	.	07	X	X	X	X	X		.	.	.	.	
03520	SHOBDON	5215N	0253W	-	99		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03605	PEMBREY SANDS	5143N	0422W	-	3		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	
03674	CHENIES	5141N	0032W	-	139		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03710	LISCOMBE	5105N	0336W	-	348		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03912	MOYOLA	5443N	0631W	-	17		X	X	X	X	X	X	X	X		.	.	.	.	
<b>Region VI - Ireland</b>																				
03973	CONNAUGHT AIRPORT	5354N	0849W	209	203		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	
															S07-15					
															S09-17					
03978	FINNER	5430N	0814W	45	39		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
<b>Region VI - Czech Republic</b>																				
11567	PRAHA-KBELY	5007N	1432E	287	286		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	
11624	CASLAV	4956N	1523E	239	242		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	
11652	PARDUBICE	5001N	1544E	230	225		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	
11692	NAMEST NAD OSLAVOU	4910N	1608E	478	472		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	
11748	PREROV	4926N	1724E	211	206		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	

**Publication No. 9**  
**Volume A - Observing Stations**

**Changes to existing Stations**

Index No.	Name of Station	Latitude	Longitude	Elevation		Pressure Level	Surface Observations							OBS. H	Upper-air				Re-marks	
				HP	H/HA		00	03	06	09	12	15	18	21	OBS.S	00	06	12		18
<b>Region I - Ocean Islands</b>																				
61901	ST. HELENA						X	X	X	X	X	X	X	X	X	H00-24			RW	
<b>Region II - India (Stations North of Latitude 20°N)</b>																				
42875	RAIPUR						X	X	X	X	X	X	X	X						
<b>Region IV - St. Martin, St. Barthelemy, Guadeloupe and Other French Islands in the Vicinity</b>																				
78894	GUSTAVIA ST. BARTHELEMY						X	X	X	X	X	X	X	X	H10-12			P		
78897	LE RAIZET, GUADELOUPE						X	X	X	X	X	X	X	X	H00-24	RW		RW		
<b>Region IV - Martinique</b>																				
78922	CARAVELLE						X	X	X	X	X	X	X							
78925	LE LAMENTIN						X	X	X	X	X	X	X	X	H00-24			P		
<b>Region V - French Guiana</b>																				
81405	CAYENNE/ROCHAMBEAU						X	X	X	X	X	X	X	X	H00-24	RW		RW		
<b>Region V - French Polynesia (Society Islands)</b>																				
91930	BORA-BORA						X		X		X		X	X	H17-01 05-06, 10-12	P		W		
<b>Region V - French Polynesia (Tuomotu Islands and Gambier Islands)</b>																				
91943	TAKAROA						X		X				X	X	H17-01 05-06, 10-12	P		W		
91945	HEREHERETUE						X		X			X	X	X	H05-06 15-19, 21-00	P			P	
91948	RIKITEA						X		X		X		X	X	H17-01 05-06, 10-12	P		W		
<b>Region V - French Polynesia (Austral Islands)</b>																				
91954	TUBUAI						X		X		X		X	X	H17-01 05-06, 10-12	P		W		
<b>Region VI - United Kingdom of Great Britain and Northern Ireland</b>																				
03054	STRATHY POINT						X	X	X				X	X						
03111	MARCHRIHANISH					12	X	X	X	X	X	X	X	X	H00-24					
03242	BURNHOPE								08	X	X	X	17							
03402	MYNYDD RHIW								07	X	X	X	17		H08-16					
03693	SHOEBURYNNESS						X	X	X	X	X	X	X	X	H00-24		RW	RW		
03815	LIZARD LIGHTHOUSE						X	X	X	X	13	16	19	22	H06-07 09-10					
03830	BURRINGTON								X	X	X	X								
03858	PORTLAND/RNAS						X	X	X	X	X	X	X	X	H00-24					
03226	WARCOP RANGE																			
03920	HILLSBOROUGH																			
03041	AONACH MOR	5649N	0458W																	
<b>Region VI - Czech Republic</b>																				
11448	PLZEN-LINE	4910N	1316E	365	364		X	X	X	X	X	X	X							
<b>Stations in the Antarctic - Stations operated by Ukraine (formerly operated by United Kingdom)</b>																				
89063	VERNADSKY (STATION NOW OPERATED BY UKRAINE)																			



**Publication No. 9**  
**Volume A - Observing Stations**

**Temporary changes**

**Notification from Australia**

**Australian summer time will cease in:**

New South Wales,  
The Australian Capital Territory,  
Victoria,  
South Australia and  
Tasmania

at 1500 UTC on 30 March 1996.

**Australian summer time was not implemented in:**

Queensland,  
Western Australia or  
The Northern Territory.

**Surface observations will revert to normal programme in :**

New South Wales  
The Australian Capital Territory,  
Victoria,  
South Australia and  
Tasmania

from 1500 UTC on 30 March 1996.

**No changes will be made to the time of surface observations in:**

Queensland,  
Western Australia or  
The Northern Territory.

**Upper air observations will revert to normal programme**

In all states

from 1500 UTC on 30 March 1996.

**Notification from Russian Federation**

**A**ntarctic station: 89606 VOSTOK was temporarily put in reserve on 26.01.96 for a number of organizational and technical reasons. During this period its SYNOP and CLIMAT reports will not be transmitted over the GTS.

## AUTOMATIC MARINE STATIONS

### KEY: Observed or Technical Parameters

Column	Parameters	Column	Parameters
1	Wind direction, speed and peak wind	9	Subsurface temperatures
2	Air temperature	10	Relative humidity
3	Air pressure	11	Visibility
4	Pressure tendency		
5	Sea-surface temperature		
6	Wave period and height	-	Parameter not observed
7	Wave spectra	X	Buoy observes this parameter
8	Drogued	.	Data under evaluation, not reported

### Canada

#### North-east Pacific Ocean:

#### SNVD17 CWVR, SXCN50 CWVR, SNVDOG CWEG

#### Moored Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 7 March 1996		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	5324	48 21' N	133 55' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46131	4484	49 54' N	124 59' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46132	7197	49 44' N	127 55' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46145	4485	54 23' N	132 26' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46146	7196	49 20' N	123 44' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46147	7194	51 49' N	131 12' W	*	X	X	X	X	X	X	X	N/A	-	-	-
46181	7187	53 50' N	128 50' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46183	8678	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	8677	52 25' N	129 48' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46204	7192	51 22' N	128 45' W	*	*	*	*	*	*	*	*	N/A	-	-	-
46205	7183	54 10' N	134 20' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46206	7184	48 50' N	126 00' W	*	*	*	*	*	*	*	*	N/A	-	-	-
46207	7193	50 52' N	129 55' W	X	X	X	X	X	X	X	X	N/A	-	-	-
46208	7186	52 30' N	132 42' W	X	X	X	X	X	X	X	X	N/A	-	-	-

\* Sensor/System failure

**Canada**

**Moored Buoys**

**North-west Atlantic Ocean:**

WMO Buoy Identifier	ARGOS Identifier	Position: 9 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
44137	5579	41 36' N	060 02' W	X	*	X	X	X	X	X	X	N/A	-	-
44138	5577	44 16' N	053 37' W	X	*	X	X	X	X	X	X	N/A	-	-
44139	3448	44 08' N	057 38' W	X	X	X	X	X	X	X	X	N/A	-	-
44140	5576	42 51' N	051 34' W	X	X	X	X	X	X	X	X	N/A	-	-
44141	3449	42 04' N	056 09' W	X	X	X	X	X	X	X	X	N/A	-	-
44142	5578	42 27' N	064 06' W	*	X	X	X	X	X	X	X	N/A	-	-
44153	N/A	47 24' N	063 24' W	.	.	.	.	.	.	.	.	N/A	-	-

\* Sensor/System failure

**Great Slave Lake, Lake Winnipeg, Great Lakes, Gulf of St. Lawrence:**

WMO Buoy Identifier	ARGOS Identifier	Position: 2 March 1996		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	.	.	.	.	.	.	.	.	N/A	-	-
45135	N/A	43 47' N	076 52' W	.	.	.	.	.	.	.	.	N/A	-	-
45136	N/A	48 32' N	086 57' W	.	.	.	.	.	.	.	.	N/A	-	-
45137	N/A	45 33' N	081 01' W	.	.	.	.	.	.	.	.	N/A	-	-
45138	8249	49 32' N	065 44' W	.	.	.	.	.	.	.	.	N/A	-	-
45139	N/A	43 25' N	079 23' W	*	*	*	*	*	*	*	*	N/A	-	-
45140	3439	50 47' N	096 44' W	.	.	.	.	.	.	.	.	N/A	-	-
45141	N/A	61 11' N	115 19' W	.	.	.	.	.	.	.	.	N/A	-	-
45142	N/A	42 44' N	079 17' W	.	.	.	.	.	.	.	.	N/A	-	-
45144	8671	53 23' N	098 29' W	.	.	.	.	.	.	.	.	N/A	-	-

\* Sensor/System failure

**Drifting Buoys**

**North-east Pacific Ocean:**

WMO Buoy Identifier	ARGOS Identifier	Position: 5 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
46632	7129	48.5 N	158.1 W	.	X	X	X	X	.	.	X	-	-	-
46692	7139	49.2 N	133.6 W	.	*	X	X	X	.	.	X	-	-	-

45132, 45135, 45136, 45137, 45138, 45140, 45141, 45142, 44144 & 45153 are shut down for the winter  
 45139 Failed 24/12/95  
 46204 Failed 18/02/96  
 46641 Ashore in Oregon.  
 46681 Ashore in Oregon 8/1/96

\* Sensor/System failure

**United States of America**

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the March 1996 Data Platform Status Report of the Data Buoy Centre of the National Oceanic and Atmospheric Administration (NOAA). 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.

## United States of America

## Moored Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 21-28 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
41001*		34.68N	72.60W	x	x	x	-	x	x	x	-	-	-	-
41002*		32.35N	75.26W	x	-	x	-	x	-	-	-	-	-	-
41004		32.51N	79.10W	x	x	x	-	x	x	x	-	-	-	-
41006*		29.33N	77.32W	x	x	x	-	x	x	x	-	-	-	-
41009		28.50N	80.18W	x	x	x	-	x	x	x	-	-	-	-
41010		28.90N	78.50W	x	x	x	-	x	x	x	-	-	-	-
41021		31.92N	80.85W	x	x	x	-	x	x	x	-	-	-	-
41023		31.90N	80.90W	x	x	x	-	x	x	x	-	-	-	-
41022		31.89N	80.86W	x	x	x	-	x	x	x	-	-	-	-
42001*		25.93N	89.65W	-	-	-	-	-	-	-	-	-	-	-
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	x	x	x	-	x	.	.	-	-	-	-
42019		27.90N	95.00W	x	x	x	-	x	x	x	-	-	-	-
42020		27.01N	96.51W	x	x	x	-	-	x	x	-	-	-	-
42035		29.25N	94.41W	x	x	x	-	x	x	x	-	-	-	-
42036		28.50N	84.50W	-	-	-	-	-	-	-	-	-	-	-
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	68.94W	x	x	x	-	x	x	x	-	-	-	-
44007		43.53N	70.14W	-	x	x	-	x	x	x	-	-	-	-
44008		40.50N	69.42W	-	-	-	-	-	-	-	-	-	-	-
44009		38.46N	74.70W	x	x	x	-	x	x	x	-	-	-	-
44011*		41.08N	66.58W	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-
44028*		41.40N	71.08W	x	-	x	-	x	x	x	-	-	-	-
45001*		48.05N	87.77W	x	x	x	-	x	x	x	-	-	-	-
45002*		45.30N	86.42W	x	x	x	-	x	x	x	-	-	-	-
45003*		45.32N	82.77W	x	x	x	-	x	x	x	-	-	-	-
45004*		47.55N	86.53W	x	x	x	-	x	x	x	-	-	-	-
45005*		41.68N	82.40W	x	x	x	-	x	x	x	-	-	-	-
45006*		47.32N	89.87W	x	x	x	-	x	x	x	-	-	-	-
45007*		42.68N	87.03W	x	x	x	-	x	x	x	-	-	-	-
45008*		44.28N	82.42W	x	x	x	-	x	x	x	-	-	-	-
46001*		56.29N	148.18W	x	x	x	-	x	x	x	-	-	-	-

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

\*\* Sensor/System failure

## United States of America

## Moored Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 21-28 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
46002*		42.53N	130.26W	x	x	x	-	x	x	x	-	-	-	-
46003*		51.85N	155.92W	x	x	x	-	x	x	x	-	-	-	-
46005*		46.08N	131.00W	x	x	x	-	x	x	x	-	-	-	-
46006*		40.87N	137.54W	x	x	x	-	x	x	x	-	-	-	-
46011		34.87N	120.87W	**	**	**	-	**	**	**	-	-	-	-
46012		37.39N	122.73W	x	x	x	-	x	x	x	-	-	-	-
46013*		38.23N	123.30W	x	x	x	-	x	x	x	-	-	-	-
46014*		39.22N	123.97W	x	x	x	-	x	x	x	-	-	-	-
46022		40.76N	124.50W	x	x	x	-	x	x	x	-	-	-	-
46023		34.25N	20.67W	x	x	x	-	x	x	x	-	-	-	-
46025		33.75N	19.07W	x	x	x	-	x	x	x	-	-	-	-
46026		37.75N	22.82W	x	x	x	-	x	x	x	-	-	-	-
46027		41.85N	24.39W	x	x	x	-	x	x	x	-	-	-	-
46028*		35.74N	121.88W	x	x	x	-	x	x	x	-	-	-	-
46029		46.25N	124.25W	**	**	**	-	**	**	**	-	-	-	-
46030		40.42N	124.53W	x	x	x	-	x	x	x	-	-	-	-
46035		56.96N	177.73W	x	x	**	-	x	x	x	-	-	-	-
46041		47.42N	124.52W	x	x	x	-	x	x	x	-	-	-	-
46042		36.75N	122.41W	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	-	-	-	-
46051		34.48N	120.69W	x	**	x	-	x	x	x	-	-	-	-
46053		34.24N	119.85W	x	x	x	-	x	x	x	-	-	-	-
46054		34.27N	120.45W	x	x	x	-	x	x	x	-	-	-	-
46059		37.98N	130.00W	x	x	x	-	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	-	-	-	-
51001*		23.40N	162.27W	**	**	**	-	**	**	**	-	-	-	-
51002		17.19N	157.83W	x	x	x	-	x	x	x	-	-	-	-
51003*		19.14N	160.81W	x	x	x	-	x	x	x	-	-	-	-
51004*		17.44N	152.51W	x	x	x	-	x	x	x	-	-	-	-
51026		21.35N	156.93W	**	x	x	-	x	x	x	-	-	-	-

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

\*\* Sensor/System failure

## United States of America

## Drifting Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 27-28 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
16811	17180	27°S	082°E	.	x	x	-	x	.	.	.	-	-	-
17810	17182	19°S	026°W	.	x	x	-	x	.	.	.	-	-	-
17822	17184	33°S	100°E	.	x	x	-	**	.	.	.	-	-	-
32812	17171	35°S	126°W	.	**	x	-	x	.	.	.	-	-	-
33838	17163	27°S	022°W	.	x	x	-	x	.	.	.	-	-	-
33839	17164	27°S	020°W	.	**	x	-	x	.	.	.	-	-	-
33840	17165	35°S	049°E	.	**	x	-	x	.	.	.	-	-	-
33841	17166	31°S	023°W	.	**	x	-	x	.	.	.	-	-	-
41526	5575	35°N	055°W	x	x	x	-	x	.	.	.	-	-	-
41585	23640	38°N	055°W	x	x	x	-	x	.	.	.	-	-	-
46551	20705	45°N	135°W	**	**	x	-	x	.	.	.	-	-	-
46552	20706	43°N	138°W	**	**	x	-	x	.	.	.	-	-	-
46553	20710	51°N	141°W	x	x	x	-	x	.	.	.	-	-	-
46554	20712	33°N	145°W	x	**	x	-	x	.	.	.	-	-	-
46555	20707	45°N	129°W	x	x	x	-	x	.	.	.	-	-	-
46556	20711	55°N	138°W	**	**	x	-	x	.	.	.	-	-	-
46557	20709	37°N	146°W	x	**	x	-	x	.	.	.	-	-	-
46558	20708	42°N	139°W	**	**	x	-	x	.	.	.	-	-	-
53825	20715	10°S	121°E	.	**	x	-	**	.	.	.	-	-	-
54808	20722	48°S	023°E	.	x	x	-	x	.	.	.	-	-	-
54809	20719	35°S	172°W	.	x	x	-	x	.	.	.	-	-	-
54810	17181	17°S	177°E	.	**	x	-	**	.	.	.	-	-	-
54811	20713	38°S	121°W	.	x	x	-	x	.	.	.	-	-	-
54812	17178	25°S	080°W	.	x	x	-	x	.	.	.	-	-	-
54813	20717	40°S	128°W	.	x	x	-	x	.	.	.	-	-	-
55801	20721	41°S	173°E	.	**	x	-	x	.	.	.	-	-	-
56807	20716	34°S	017°E	.	**	x	-	x	.	.	.	-	-	-
56808	20720	30°S	039°E	.	x	x	-	x	.	.	.	-	-	-
56809	17169	29°S	069°E	.	**	x	-	x	.	.	.	-	-	-
56810	17185	24°S	058°E	.	x	x	-	x	.	.	.	-	-	-

# Buoy beached, sensor reporting.

\*\* Sensor failure reported.

335 drifting buoys have been deployed in support of TOGA;20 are operational

## France

## Moored Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 20 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
41096	5833	16.5N	61.5W	-	-	-	-	X	X	.	-	-	-	-
41097	5832	14.9N	61.1W	-	-	-	-	X	X	.	-	-	-	-
62163*		47.5N	8.5W	X	X	X	X	X	X	-	X	-	X	-

\* Cooperation UK Met. Office/Météo France. Data transmitted in SHIP code

## Drifting Buoys

Data from drifting buoys are collected by the ARGOS system. They are distributed on the GTS in BUOY code from CLS/ARGOS in Toulouse (heading LFPW SSVX01 or SSVX03)

## Indian Ocean

WMO Buoy Identifier	ARGOS Identifier	Position: 20 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
14535	10110	34.8S	45.5E	-	-	X	X	X	-	-	-	-	-	-
16536	10108	36.9S	57.1E	-	-	X	X	X	-	-	-	-	-	-

## South Atlantic

WMO Buoy Identifier	ARGOS Identifier	Position: 20 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
33544	15504	40.9S	51.2W	X	-	-	-	X	-	-	-	.	-	-
33545	15524	38.3S	38.3W	-	-	X	-	X	-	-	-	.	-	-
33546	15533	34.5S	39.3W	X	-	X	-	X	-	-	-	.	-	-
33547	15535	38.1S	27.0W	-	-	X	-	-	-	-	-	.	-	-

## North Atlantic

WMO Buoy Identifier	ARGOS Identifier	Position: 20 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
62501	5791	52.1N	20.6W	-	-	X	X	X	-	-	-	-	-	-
62503	14427	43.3N	17.7W	-	-	X	X	X	-	-	-	-	-	-
62504	14428	44.2N	10.3W	-	-	X	X	X	-	-	-	-	-	-
62505	14429	46.5N	19.0W	+	-	X	X	X	-	-	-	-	-	-
62506	5826	49.7N	19.0W	+	X	X	X	X	-	-	-	-	-	-
62507	5793	45.1N	18.8W	-	-	+	+	X	-	-	-	-	-	-
62508	5792	49.3N	21.3W	-	-	X	X	X	-	-	-	-	-	-
62509	5795	47.0N	19.2W	-	-	+	+	+	-	-	-	-	-	-
62510	5797	46.6N	18.6W	-	-	X	X	X	-	-	-	-	-	-
62511	5799	46.5N	18.1W	-	-	+	+	+	-	-	-	-	-	-
62512	5820	43.9N	19.8W	-	-	X	X	X	-	-	-	-	-	-

+ Sensor/System failure

**United Kingdom of Great  
Britain and  
Northern Ireland**
**Including Light Vessels, Islands and Fixed Platforms**
**Moored Buoys**

WMO Buoy Identifier	ARGOS Identifier	Position: 18 March 1996		Observed or Technical Parameters											
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11	
03007*		60°35'N	01°16'W	X	X	-	-	-	-	-	-	X	X	-	-
03010*		59°05'N	04°24'W	X	X	X	X	-	-	-	-	X	X	-	-
03011*		59°08'N	05°50'W	X	X	X	X	-	-	-	-	X	X	-	-
03014*		60°07'N	02°04'W	X	X	X	X	-	-	-	-	X	X	-	-
03695*		51°40'N	01°06'E	X	X	X	X	-	-	-	-	X	X	-	-
62026		55°20'N	02°20'E	X	X	X	X	X	X	-	-	X	X	-	-
62029		48°42'N	12°25'W	-	-	-	-	-	-	-	-	-	-	-	-
62081		51°00'N	13°20'W	X	X	X	X	X	X	-	-	X	X	-	-
62101		50°37'N	02°44'W	-	-	-	-	-	-	-	-	-	-	-	-
62103**		49°55'N	02°54'W	X	X	X	X	X	X	-	-	X	X	X	-
62105		55°29'N	12°59'W	X	X	X	X	X	X	-	-	X	X	-	-
62106		57°00'N	09°52'W	X	X	X	X	X	X	-	-	X	X	-	-
62107**		50°04'N	06°04'W	X	X	X	X	X	X	-	-	X	X	X	-
62108		53°34'N	15°30'W	X	X	X	X	X	X	-	-	X	X	-	-
62109		57°00'N	00°00'E	X	X	X	X	X	X	-	-	X	X	-	-
62112*		58°42'N	01°17'E	X	X	X	X	-	-	-	-	X	X	-	-
62118*		57°45'N	00°55'E	X	X	X	X	-	-	-	-	X	X	-	-
62126*		58°51'N	03°35'W	X	X	X	X	-	-	-	-	X	X	-	-
62129*		53°03'N	02°14'E	X	X	X	X	-	-	-	X	X	X	-	-
62163		47°30'N	08°30'W	X	X	X	X	X	X	-	-	X	X	-	-
62301		52°10'N	05°05'W	X	X	X	X	X	X	-	-	X	-	-	-
62302		54°08'N	03°37'W	X	X	X	X	X	-	-	-	X	-	-	-
62303		51°31'N	04°56'W	-	-	-	-	-	-	-	-	-	-	-	-
62304**		51°09'N	01°47'E	X	X	X	X	X	X	-	-	-	X	X	-
62305**		50°25'N	00°00'W	X	X	X	X	X	X	-	-	X	X	X	-
63103*		61°14'N	01°09'E	X	X	X	X	-	-	-	-	X	X	-	-
63111*		59°33'N	01°32'E	X	X	X	X	-	-	-	X	X	X	-	-
64045		59°15'N	11°41'W	X	X	X	X	X	X	-	-	X	X	-	-

\*Fixed platforms or islands

\*\* Automatic Light Vessels



United Kingdom of Great  
Britain and  
Northern Ireland

Drifting Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 18 March 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
25565	1639*	59.6N	28.4W	-	X	X	-	-	-	-	-	-	-	-
44613	3324	44.7N	11.9W	X	X	X	X	X	-	-	-	-	-	-
44616	3318	61.8N	21.0W	X	X	X	X	X	-	-	-	-	-	-
44727	2974	41.9N	21.8W	-	X	X	X	X	-	-	-	-	-	-
44728	3024	60.0N	25.1W	-	X	X	X	X	-	-	-	-	-	-
44742	2953	54.7N	19.6W	X	-	X	X	X	-	-	-	-	-	-
44760	2947	24.5N	32.4W	-	X	X	X	X	-	-	-	-	-	-
44763	3098	57.6N	29.5W	-	X	X	X	X	-	-	-	-	-	-
44769	1253	54.6N	19.6W	-	X	X	X	X	-	-	-	-	-	-
44770	3035	26.0N	42.5W	-	X	X	X	X	-	-	-	-	-	-
44773	3132	51.5N	18.0W	-	X	X	X	X	-	-	-	-	-	-
62805	2927	66.7N	28.0W	-	-	X	X	X	-	-	-	-	-	-
65594	1252	62.1N	31.0W	-	X	X	X	X	-	-	-	-	-	-
44761	14736	56.4N	40.4W	-	-	X	-	X	-	-	-	-	-	-
44774	3162	53.0N	35.6W	-	X	X	X	X	-	-	-	-	-	-
	1251	59.5N	27.6W	-	X	X	X	X	-	-	-	-	-	-
	2954	52.6N	38.9W	X	X	X	X	X	-	-	-	-	-	-
	3013	51.5N	36.3W	-	X	X	X	X	-	-	-	-	-	-

\* Ice drifter

**ARGOS SERVICE****ARGOS  
Monthly Status Report**

**Date of statistics  
computation:  
1 April 1996**

**• Reports handled by ARGOS Service  
(list of monthly collected ARGOS platforms on indicated GTS sites  
sorted by type of platform)**

Drifting Buoys	1222
Boats (<20 knots)	-
Marine Stations	93
Moored Buoys	270
Fixed Stations	408
Marine Animals	121
Terrestrial Animals	69
Birds	61
Balloons	5
<b>TOTAL:</b>	<b>2249</b>

**• Reports for insertion into the GTS  
(list of monthly collected GTS platforms on every GTS site sorted by  
type of platform)**

Inserted by RTH Toulouse:

Boats (<20 knots)	-
Drifting Buoys	111
Fixed Stations	18
Marine Stations	-
Moored Buoys	3
Synoptic PTT	-

Inserted by RTH/WMC Washington:

Drifting Buoys	669
Fixed Stations	9
High Speed	-
Moored Buoys	61

**• WMO coding statistics of platforms  
reporting through ARGOS and distributed over the GTS:**

BATHY	256
BUOY	206755
SYNOP	9373
<b>TOTAL:</b>	<b>216384</b>

**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 or 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 follows at the end of 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 special table as and when appropriate, and to return it to the Secretariat before the 20th of each month to enable changes to be included in the next "OPERATIONAL NEWSLETTER".

**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, the Catalogue of Meteorological Bulletins, and particularly for stations included in the Regional Basic Synoptic Networks (RBSN).

**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;

HA = 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):

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

**COLUMN A:**

The station index number (Iliii) and name of station;

**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;

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

*Table 1*

**LINE 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  
 Secretariat  
**BEFORE the 20th of the month**  
 for inclusion in the  
 "OPERATIONAL NEWSLETTER",  
 as appropriate

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

*(See Explanatory Notes overleaf)*

Country: \_\_\_\_\_

Date Effective: \_\_\_\_\_

*(Please tick the appropriate box)*

Global Exchange:

Regional Exchange:

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

# IV. CODES

---

## Manual on Codes

### National Practices

#### Notification from the United States of America

#### **E-NATIONAL CODING PROCEDURES WITH REGARD TO INTERNATIONAL CODE FORMS**

USA indicated that the new implementation date and time for the domestic conversion to the METAR/TAF international code format has been changed to:

1 July 1996, at 0800UTC