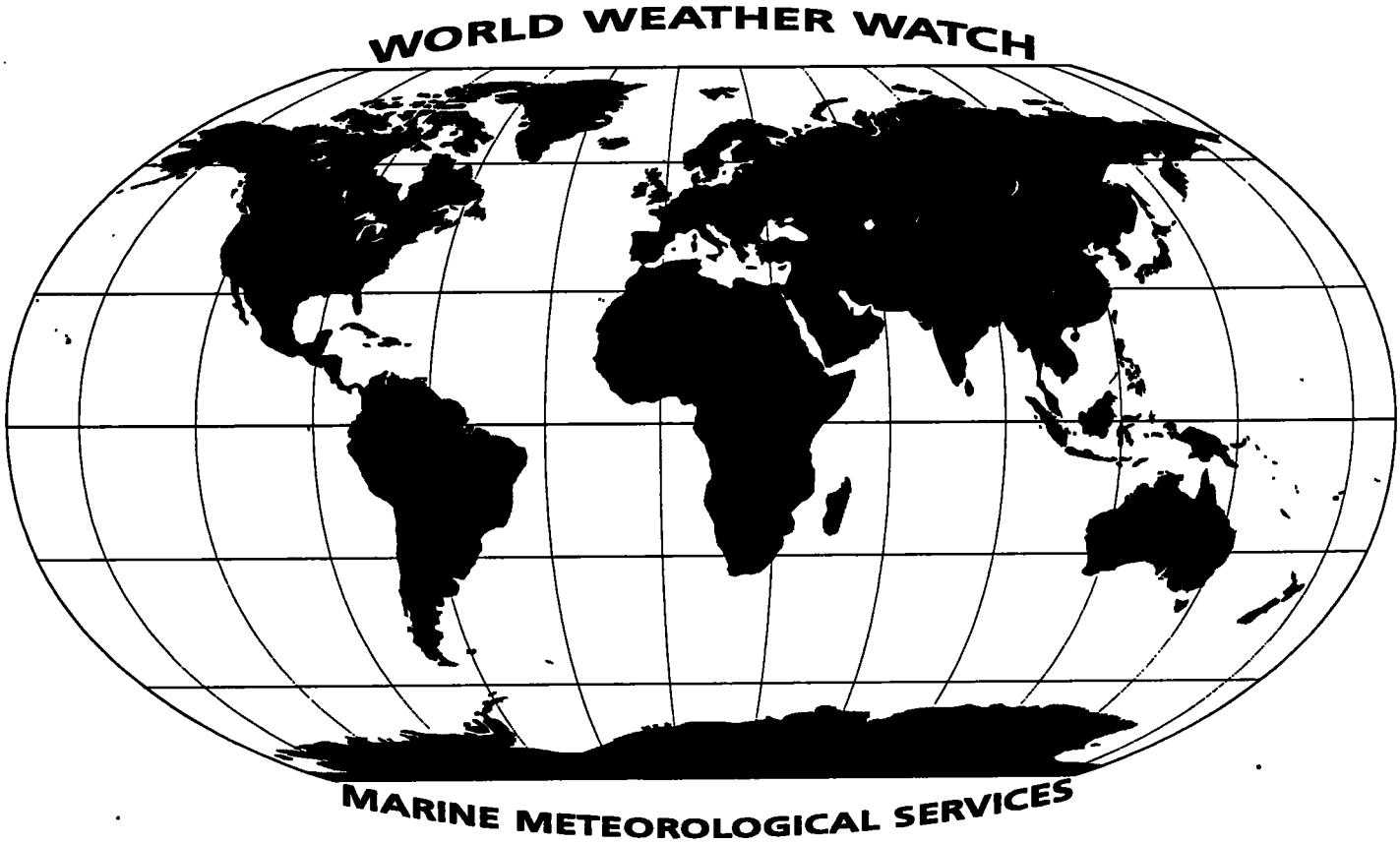
OPERATIONAL
newsletter

Volume 1994 — No. 10

(October 1994)



World Meteorological Organization
GENEVA

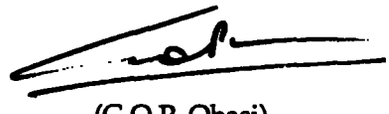
The WMO Secretariat would like to express its appreciation to all those who have contributed material to the "Operational Newsletter". ■

Foreword

As you are aware, all the information on changes to the operation of the World Weather Watch (WWW) and Marine Meteorological Services (MMS) is being assembled and distributed by the Secretariat on a monthly basis to facilitate updating and follow-up action. In this connection we have created the "OPERATIONAL *NEWSLETTER*" to provide you with the latest operational information on WWW and MMS.

A special table is included in the "OPERATIONAL *NEWSLETTER*" in Annex I - *Global Observing System* to assist 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

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GLOBAL OBSERVING SYSTEM

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GLOBAL OBSERVING SYSTEM

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3. GUIDANCE MATERIAL ON INSTRUMENTS AND OBSERVING METHODS

3.1 WMO Catalogue of Radiosondes and Upper-air Wind Systems in use by Members

Reference: *Operational Newsletter* — Volume 1994- No. 2

WMO Index Number		48900
Name of Station		Tan Son Hoa (Hochi Minh City)
Technical Authority over Station		Socialist Republic Of Vietnam
Degrees:	Latitude (- = S)	10.49N
	Longitude (- = W)	106.40E
Height (Metres)		5
Program:	TEMP	00
	PILOT	00
SONDE:	Regular Type Used	RS 8015 N
	Alternative Type Used	Hgt
	Frequency (MHZ)	403
Radiation:	Correction Y=Yes/N=No	Y
	Correction Type Used	
Ground Equipment Used:		DIGICORA
WINDFINDING:	System Used	OMEGA
	Equipment Used	DIGICORA
Date:		07/94

C. INFORMATION ON THE OPERATIONAL STATUS OF ELEMENTS OF THE SURFACE-BASED SUB-SYSTEM

1. PUBLICATION NO. 9, VOLUME A - STATIONS

1.1 New stations

Index No.	Name	Latitude	Longitude	Elevation HP	Elevation H/HA	Pressure Level	Surface observations 00	03	06	09	12	15	18	21	Obs. H Obs. S	Upper-air 00	06	12	18	Remarks
Region VI — Spain																				
Notification from Spain that the following nivometeorological stations started performing snow observations on 13 July 1994 :																				
08117	*La* Molina	42°20'N	01°56'E	1702	1704	850	.	.	.	.	.	.	X	.		.	.	.	.	AUT
08912	Isaba, "Refugio Belagua"	42°57'N	00°50'W	-	1434		.	.	.	.	.	.	.	.		.	.	.	.	SNOW

C. Information on the operational status of elements of the surface-based sub-system *(continued)*
1. Publication No. 9, Volume A - Stations / 1.1 New stations *(continued)*

Index No.	Name	Latitude	Longitude	Elevation HP	Elevation H/HA	Pressure Level	Surface observations 00	03	06	09	12	15	18	21	Obs. H Obs. S	Upper-air 00	06	12	18	Remarks
Region VI — Spain *(continued)*																				
08914	Candanchu, "Etuksa"	42°47'N	00°32'W	-	1560		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08916	Astun, "Esqui 1730"	42°49'N	00°30'W	-	1730		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08917	Sallent de Gallego, "Furco"	42°46'N	00°23'W	-	1780		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08918	Sallent de Gallego, "Formigal"	42°47'N	00°22'W	-	1560		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08920	Sallent de Gallego, "Respomuso"	42°49'N	00°17'W	-	2180		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08922	Panticosa, "Refugio Casa Piedra"	42°46'N	00°14'W	-	1660		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08924	Panticosa, "Esqui"	—	—	-	-		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08926	Fanlo, "Refugio de Goriz"	42°40'N	00°01'E	-	2215		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08928	Benasque, "Refugio de Estos"	42°41'N	00°29'E	-	1890		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08930	Cerler, "Esqui"	42°35'N	00°32'E	-	1540		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08932	Boi Tahull	42°29'N	00°52'E	-	2020		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08934	Baqueira	42°42'N	00°57'E	-	1880		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08936	Sort	42°25'N	01°08'E	-	680		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08938	Port Aine	42°25'N	01°13'E	-	2080		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08940	Tavescan	42°38'N	01°15'E	-	1100		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08942	Port del Comte	42°10'N	01°34'E	-	1800		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08944	Masella	42°20'N	01°53'E	-	1985		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08946	Nuria	42°24'N	02°09'E	-	1967		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08948	Vallter 2000	42°26'N	02°16'E	-	2180		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
08960	Valdelinares, "Esqui"	40°23'N	00°38'W	-	1975		.	.	.	.	.	.	.	.		.	.	.	.	SNOW
Region VI — Former U.S.S.R. According to the request made by the State Hydrometeorological Committee of Ukraine																				
33487	Cherkasy	49°25'N	32°03'E	107	106		X	X	X	X	X	X	X	X	H02-16	.	.	.	.	
33605	Chyhyryn	49°05'N	32°40'E	124	123		X	X	X	X	X	X	X	X		.	.	.	.	
33614	Svitlovods'k	49°03'N	33°15'E	84	85		X	X	X	X	X	X	X	X		.	.	.	.	
33621	Kobeliaky	49°09'N	34°12'E	118	115		X	X	X	X	X	X	X	X		.	.	.	.	
33705	Pomichna	48°14'N	31°24'E	211	211		X	X	X	X	X	X	X	X		.	.	.	.	
33717	Bobrynets'	48°04'N	32°09'E	143	142		X	X	X	X	X	X	X	X		.	.	.	.	
33896	Sarata	46°01'N	29°40'E	14	12		X	X	X	X	X	X	X	X		.	.	.	.	
33939	Klepynine	45°39'N	34°12'E	37	37		X	X	X	X	X	X	X	X		.	.	.	.	

C. Information on the operational status of elements of the surface-based sub-system *(continued)*
1. Publication No. 9, Volume A - Stations *(continued)*

1.3 Changes to existing stations

Index No.	Name	Latitude	Longitude	Elevation HP	Elevation H/HA	Pressure Level	Surface observations 00	03	06	09	12	15	18	21	Obs. H Obs. S	Upper-air 00	06	12	18	Remarks
Region VI — Former U.S.S.R. According to the request made by the State Hydrometeorological Committee of Ukraine																				
33393	L'Viv	49 °49'N	23 °57'E	323	319		X	X	X	X	X	X	X	X	H00-24	RW	.	RW	.	
33658	Chernivtsi	48 °22'N	25 °54'E	246	242		X	X	X	X	X	X	X	X	H02-19	RW	.	RW	.	
33791	Kryvyi Rih	43 °02'N	33 °13'E	124	123		X	X	X	X	X	X	X	X	H00-24	RW	.	RW	.	
33837	Odesa	46 °26'N	30 °46'E	42	42		X	X	X	X	X	X	X	X		RW	.	RW	.	
33946	Simferopol'	44 °41'N	34 °08'E	181	180		X	X	X	X	X	X	X	X	H00-24	RW	.	RW	.	

4. AUTOMATIC MARINE STATIONS

KEY: Observed or Technical Parameters

Column	Parameters
1	Wind direction and speed
2	Air temperature
3	Air pressure
4	Pressure tendency
5	Sea-surface temperature
6	Wave period and height
7	Wave spectra
8	Peak wind gust

Column	Parameters
9	Subsurface temperatures
10	Relative humidity
11	Visibility
-	Parameter not observed
X	Buoy observes this parameter
.	Data under evaluation, not reported

4.3 United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the **October 1994** 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.

4.3.1 Moored Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 29 Sept.-6 Oct. '94 Latitude	Longitude	Observed or technical parameters 1	2	3	4	5	6	7	8	9	10	11
32302		18.0S	85.1W	X	X	X	-	X	X	X	-	-	-	-
41001*		34.7N	72.7W	X	X	X	-	X	X	X	-	-	-	-
41002*		32.3N	75.2W	X	X	X	-	X	X	X	-	-	-	-
41004		32.5N	79.1W	X	X	X	-	X	X	X	-	-	-	-

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

C. Information on the operational status of elements of the surface-based sub-system *(continued)*
4. Automatic marine stations / 4.3 United States of America / 4.3.1 Moored Buoys *(continued)*

WMO buoy Identifier	ARGOS Identifier	Position: 29 Sept.-6 Oct. '94		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
41006*		29.3N	77.3W	X	X	X	-	X	X	X	-	-	-	-
41009		28.5N	80.2W	X	X	X	-	X	X	X	-	-	-	-
41010		28.9N	78.5W	X	X	X	-	X	X	X	-	-	-	-
41016		24.6N	76.5W	X	X	X	-	X	X	X	-	-	-	-
41018		15.0N	75.0W	X	X	X	-	X	X	X	-	-	-	-
41021		31.9N	80.9W	X	X	X	-	X	X	X	-	-	-	-
42001*		25.9N	89.7W	X	X	X	-	X	X	X	-	-	-	-
42002*		25.9N	93.6W	X	X	X	-	X	X	X	-	-	-	-
42003*		25.9N	85.9W	+	+	+	-	+	+	+	-	-	-	-
42007*		30.1N	88.8W	X	X	X	-	X	X	.	-	-	-	-
42019		27.9N	95.0W	X	X	X	-	X	X	+	-	-	-	-
42020		27.0N	96.5W	X	X	X	-	X	X	X	-	-	-	-
42025		24.9N	80.4W	X	X	X	-	X	X	X	-	-	-	-
42035		29.2N	94.4W	X	X	X	-	X	X	X	-	-	-	-
42036		28.5N	84.5W	X	X	X	-	X	X	X	-	-	-	-
42037		24.5N	81.4W	X	X	X	-	X	X	X	-	-	-	-
44004*		38.5N	70.7W	X	X	+	-	X	X	X	-	-	-	-
44005*		42.9N	68.9W	X	X	X	-	X	X	X	-	-	-	-
44006		36.3N	75.5W	X	X	X	-	X	X	.	-	-	-	-
44007		43.5N	70.1W	X	X	X	-	X	X	X	-	-	-	-
44008		40.5N	69.4W	X	+	X	-	X	X	X	-	-	-	-
44009		38.5N	74.7W	X	X	X	-	X	X	X	-	-	-	-
44010		36.0N	75.0W	X	X	X	-	X	X	.	-	-	-	-
44011*		41.1N	66.6W	X	X	X	-	X	X	X	-	-	-	-
44013		42.4N	70.7W	X	X	X	-	+	+	X	-	-	-	-
44014		36.6N	74.8W	X	X	X	-	+	+	X	-	-	-	-
44019		36.4N	75.2W	X	X	X	-	X	X	.	-	-	-	-
44025		40.3N	73.2W	X	X	X	-	X	X	X	-	-	-	-
44028*		41.4N	71.1W	X	X	X	-	X	X	X	-	-	-	-
45001*		48.0N	87.8W	+	+	+	-	+	+	+	-	-	-	-
45002*		45.3N	86.4W	+	+	+	-	+	+	+	-	-	-	-
45003*		45.3N	82.8W	X	X	X	-	X	X	X	-	-	-	-
45004*		47.5N	86.5W	X	X	X	-	X	X	X	-	-	-	-
45005*		41.7N	82.4W	X	X	X	-	X	X	X	-	-	-	-
45006*		47.3N	89.9W	X	X	X	-	X	X	X	-	-	-	-
45007*		42.7N	87.1W	X	X	X	-	X	X	X	-	-	-	-
45008*		44.3N	82.4W	X	X	X	-	X	X	X	-	-	-	-
45010		43.0N	87.8W	X	X	X	-	X	X	X	-	-	-	-

* Base funded station of National Weather Service (NWS); however, all stations report data to NWS
+ Sensor/system failure

C. Information on the operational status of elements of the surface-based sub-system *(continued)*
4. Automatic marine stations / 4.3 United States of America / 4.3.1 Moored Buoys *(continued)*

WMO buoy Identifier	ARGOS Identifier	Position: 29 Sept.-6 Oct. '94		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
46001*		56.3N	148.2W	X	+	X	-	X	X	X	-	-	-	-
46002*		42.5N	130.3W	X	X	X	-	X	X	X	-	-	-	-
46003*		51.9N	155.9W	X	X	X	-	X	X	X	-	-	-	-
46005*		46.1N	131.0W	X	X	X	-	X	X	X	-	-	-	-
46006*		40.9N	137.5W	X	X	X	-	X	X	X	-	-	-	-
46011		34.9N	120.9W	X	X	X	-	X	X	X	-	-	-	-
46012		37.4N	122.7W	X	+	X	-	X	X	X	-	-	-	-
46013*		38.2N	123.3W	X	X	X	-	X	X	X	-	-	-	-
46014*		39.2N	124.0W	X	X	X	-	X	X	X	-	-	-	-
46022		40.8N	124.5W	X	X	X	-	X	X	X	-	-	-	-
46023		34.2N	120.7W	X	X	X	-	X	X	X	-	-	-	-
46025		33.7N	119.1W	X	X	X	-	X	X	X	-	-	-	-
46026		37.7N	122.8W	X	+	X	-	X	X	X	-	-	-	-
46027		41.9N	124.4W	X	X	X	-	X	X	X	-	-	-	-
46028*		35.8N	121.9W	X	X	X	-	+	+	X	-	-	-	-
46029		46.2N	124.2W	X	X	X	-	X	X	X	-	-	-	-
46030		40.4N	124.5W	X	X	X	-	X	X	X	-	-	-	-
46035		57.0N	177.7W	X	X	X	-	X	X	X	-	-	-	-
46041		47.4N	124.5W	+	+	+	-	+	+	+	-	-	-	-
46042		36.8N	122.4W	X	X	X	-	X	X	X	-	-	-	-
46045		33.8N	118.4W	X	X	X	-	X	X	X	-	-	-	-
46050		44.6N	124.5W	+	+	+	-	+	+	+	-	-	-	-
46053		34.2N	119.8W	X	X	X	-	X	X	X	-	-	-	-
46054		34.3N	120.4W	X	X	X	-	X	X	X	-	-	-	-
51001*		23.4N	162.3W	X	X	X	-	X	X	+	-	-	-	-
51002		17.2N	157.8W	X	X	X	-	X	X	X	-	-	-	-
51003*		19.1N	160.8W	X	+	X	-	X	X	X	-	-	-	-
51004*		17.4N	152.5W	X	+	X	-	X	X	X	-	-	-	-
51026		21.4N	156.9W	X	X	X	-	X	X	X	-	-	-	-

Total base funded buoys: =	30
Total other buoys: =	41
TOTAL moored buoys:	71

* Base funded station of National Weather Service (NWS); however, all stations report data to NWS
\+ Sensor/system failure

C. Information on the operational status of elements of the surface-based sub-system *(continued)*
4. Automatic marine stations / 4.3 United States of America / 4.3.1 Moored Buoys *(continued)*

4.3.2 Drifting Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 5-6 Oct. '94		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
16811	17180	40°S	064°E	.	X	X	-	X	.	.	.	-	-	-
17818	17175	39°S	044°E	.	X	X	-	+	.	.	.	-	-	-
17819	17174	46°S	071°E	.	+	X	-	X	.	.	.	-	-	-
17820	17173	53°S	052°E	.	+	X	-	X	.	.	.	-	-	-
17821	17176	42°S	048°E	.	+	X	-	X	.	.	.	-	-	-
17822	17184	31°S	040°E	.	X	X	-	X	.	.	.	-	-	-
32811	17170	35°S	073°W	.	+	X	-	X	.	.	.	-	-	-
32812	17171	25°S	120°W	.	X	X	-	X	.	.	.	-	-	-
32813	17172	30°S	093°W	.	+	X	-	X	.	.	.	-	-	-
32814	17161	31°S	088°W	.	+	X	-	X	.	.	.	-	-	-
33834	1979	26°S	007°W	.	X	X	-	X	.	.	.	-	-	-
33838	17163	31°S	007°E	.	+	X	-	X	.	.	.	-	-	-
33839	17164	37°S	003°W	.	+	X	-	X	.	.	.	-	-	-
33840	17165	37°S	039°E	.	+	X	-	X	.	.	.	-	-	-
33841	17166	33°S	000°W	.	+	X	-	X	.	.	.	-	-	-
33842	17167	43°S	090°E	.	+	X	-	X	.	.	.	-	-	-
53823	5131	08°S	114°E	.	+	X	-	+	.	.	.	-	-	-
54807	20718	52°S	141°W	.	X	X	-	X	.	.	.	-	-	-
54808	20722	57°S	141°W	.	X	X	-	X	.	.	.	-	-	-
54809	20719	30°S	166°W	.	X	X	-	X	.	.	.	-	-	-
54810	17181	30°S	161°W	.	X	X	-	X	.	.	.	-	-	-
54811	20713	48°S	169°W	.	X	X	-	X	.	.	.	-	-	-
54812	17178	50°S	157°W	.	X	X	-	X	.	.	.	-	-	-
54844	17168	32°S	113°W	.	+	X	-	X	.	.	.	-	-	-
55801	20721	42°S	153°E	.	+	X	-	X	.	.	.	-	-	-
56804	1977	41°S	131°E	.	+	X	-	X	.	.	.	-	-	-
56805	1990	51°S	174°E	.	X	X	-	X	.	.	.	-	-	-
56806	1984	23°S	083°E	.	X	X	-	X	.	.	.	-	-	-
56807	20716	19°S	101°E	.	+	X	-	X	.	.	.	-	-	-
56808	20720	21°S	103°E	.	X	X	-	X	.	.	.	-	-	-

327 drifting buoys have been deployed in support of TOGA; 30 are operational

+ Sensor/system failure

C. Information on the operational status of elements of the surface-based sub-system *(continued)*

5. ARGOS SERVICE

5.1 ARGOS monthly status report

Date of statistics computation : 1 October 994

•Reports handled by ARGOS Service (list of monthly collected ARGOS platforms sorted by type of platform)

Drifting Buoys	:	1114
Boats (<20 knots)	:	0
Marine Stations	:	23
Moored Buoys	:	313
Fixed Stations	:	382
Terrestrial Animals	:	91
Marine Animals	:	104
Birds	:	59
Balloons	:	3
TOTAL	:	2089

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

Transmission to RTH Paris:

Boat (less than 20 knots)	:	3
Drifting Buoys	:	100
Fixed Stations	:	7
Marine Stations	:	3
Moored Buoys	:	—
Synoptic PTT	:	1

Transmission to NWS Washington:

Drifting Buoys	:	454
Fixed Stations	:	9
High Speed	:	—
Moored Buoys	:	62

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

BUOY =	115
DRIFTER =	134035
SYNOP =	2465
TOTAL:	136615

C. Information on the operational status of elements of the surface-based sub-system *(continued)*

8. 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 but not reaching their NMCs, a special table accompanied by explanatory notes (see Appendix I) is attached, to 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*".

D. INFORMATION ON OPERATIONAL STATUS OF THE SPACE SUB-SYSTEM

1. WMO CATALOGUE OF SATELLITE RECEIVING STATIONS IN USE BY MEMBERS

Reference: *Operational Newsletter* — Volume 1994-No.5

•Notification from France

Country:		Reunion (France)	Mayotte (France)
Date of update:		12.09.1994	12.09.1994
Location:		St. Denis (Reunion)	Dzaoudzi (Mayotte)
Polar:	Low Res.:		NOAA
	High Res.:	HRPT	
Geostationary:	Low Res.:	METEOSAT	METEOSAT
	High Res.:		
Equipment description:		STRI 2000 (ALCATEL Station on P.C. (2)	Station on PC
Year placed in service:		1978, 1991 and 1993	1990
Registered with:			

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

(Explanatory Notes overleaf)

Country: _____ **Date effective:** _____

Global Exchange: ☐ **Regional Exchange:** ☐

(please tick the appropriate box)

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

Explanatory Notes

1. 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), and particularly for stations included in the Regional Basic Synoptic Networks (RBSN).

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

Column A: The index number (IIiii) and name of each station should be entered in case of any changes in the observing programmes of the stations;

Column B: The Latitude and the Longitude in degrees and minutes with the appropriate letters (N, S, E and W) should be indicated;

Column C: The TTAAii CCCC of the abbreviated heading of the meteorological bulletins which contains 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= the elevation of the station in metres (the datum level to which barometric pressure reports at the station refer);

H = the elevation of the ground, in metres, (average level of terrain in immediate vicinity of station), is given for stations not located on aerodromes;

HA = the official altitude of the aerodrome is given for stations located on aerodromes and 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:

STATION	Pressure at station level reported using group $3P_oP_oP_oP_o$
1000 hPa	geopotential of the given standard isobaric surface reported using group 4a3hhh
850 hPa	
700 hPa	
500 hPa	

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.

3. These tables should be sent to the Secretariat **before the 20th of the month** for inclusion in the "OPERATIONAL *NEWSLETTER*", as appropriate.

Annex III

GLOBAL TELECOMMUNICATION SYSTEM

C. INFORMATION ON THE OPERATION OF THE GTS

1. CATALOGUE OF METEOROLOGICAL BULLETINS (PUBLICATION NO. 9, VOLUME C, CHAPTER I)

1.3 Changes to bulletins

List of abbreviated headings of BATHY/TESAC/TRACKOB bulletins for global exchange *(reference: May 1994 edition)*

Abbreviated Heading		Centre
SOVA01	EGRR	Bracknell
SOVA02	EGRR	Bracknell
SOVA10	RUMS	Moscow
SOVB01	EGRR	Bracknell
SOVB01	VTBB	Bangkok
SOVB02	EGRR	Bracknell
SOVB10	RUHB	Khabarovsk
SOVB10	RUMS	Moscow
SOVC01	EGRR	Bracknell
SOVC01	SABM	Buenos Aires
SOVC01	SBBR	Brazilia
SOVC01	SKBO	Bogota
SOVC02	EGRR	Bracknell
SOVC10	RUHB	Khabarovsk
SOVC10	RUMS	Moscow
SOVD01	BIRK	Reykjavik
SOVD01	CWHF	Halifax
SOVD01	CWPF	Esquimalt
SOVD01	EGRR	Bracknell
SOVD01	KWBC	Washington
SOVD02	BIRK	Reykjavik
SOVD02	CWOW	Ottawa
SOVD02	EGRR	Bracknell
SOVD02	KWBC	Washington
SOVD03	KWBC	Washington
SOVD04	KWBC	Washington
SOVD05	KWBC	Washington
SOVD06	KWBC	Washington
SOVD07	KWBC	Washington
SOVD08	KWBC	Washington
SOVD09	KWBC	Washington
SOVD10	RUHB	Khabarovsk
SOVD10	RUMS	Moscow

Abbreviated Heading		Centre
SOVD11	KWBC	Washington
SOVD12	KWBC	Washington
SOVD13	KWBC	Washington
SOVE01	AMMC	Melbourne
SOVE01	EGRR	Bracknell
SOVE01	NTAA	Tahiti
SOVE02	AMMC	Melbourne
SOVE02	EGRR	Bracknell
SOVE10	RUHB	Khabarovsk
SOVF01	BIRK	Reykjavik
SOVF01	EDZW	Offenbach
SOVF01	EGRR	Bracknell
SOVF01	ESWI	Norrkoping
SOVF01	LFPW	Toulouse
SOVF02	BIRK	Reykjavik
SOVF02	EGRR	Bracknell
SOVF01	ENMI	Oslo
SOVF02	ESWI	Norrkoping
SOVF10	RUMS	Moscow
SOVJ01	EGRR	Bracknell
SOVJ02	EGRR	Bracknell
SOVJ10	RUML	Molodeznaja
SOVX01	DEMS	New Delhi
SOVX01	RJTD	Tokyo
SOVX02	DEMS	New Delhi
SOVX02	RJTD	Tokyo
SOVX10	RUHB	Khabarovsk
SOVX10	RUMS	Moscow
SOVX11	RJTD	Tokyo
SOVX12	RJTD	Tokyo
SOWB01	RJTD	Tokyo
SOWF01	ENMI	Oslo

C. Information on the operation of the GTS *(continued)*

2. TRANSMISSION SCHEDULES (PUBLICATION NO. 9, VOLUME C, CHAPTER II)

2.2 Deleted transmissions/broadcasts

• **Notification from Japan**

Repetition of information included in the *Operational Newsletter* — Volume 1994-No. 3

The survey presented at the 10th session of the Regional Association II, held in Tehran from 5-15 September 1992, indicated that the RTT broadcast by RTH Tokyo was being received as back-up or in case of breakdown by a few Members outside the zone of responsibility of RTH Tokyo .

The Japan Meteorological Agency has therefore decided to discontinue the RTT broadcast effective 1 October 1994.

3. IMPLEMENTATION OF THE GTS

Operation of the METEOSAT Meteorological Data Distribution (MDD)

EUMETSAT has decided that the third MDD channel will be implemented, and the uplink station will be located at RTH Toulouse, France. The operation is planned to start by late December 1994, or early January 1995. The initial transmission programme will be consolidated by November 1994, and will consist mainly of products in T.4 digital coded facsimile, including products originating from RSMCs in Africa, with a view to meeting the needs of meteorological services in Africa and the surrounding regions.

All MDD users are urged to check whether their MDD station is equipped with the capability of receiving channel 3, and to investigate with the equipment manufacturer the necessary adaptation and possible equipment extension required. The capability for the simultaneous reception of the three channels should, in particular, be checked.

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