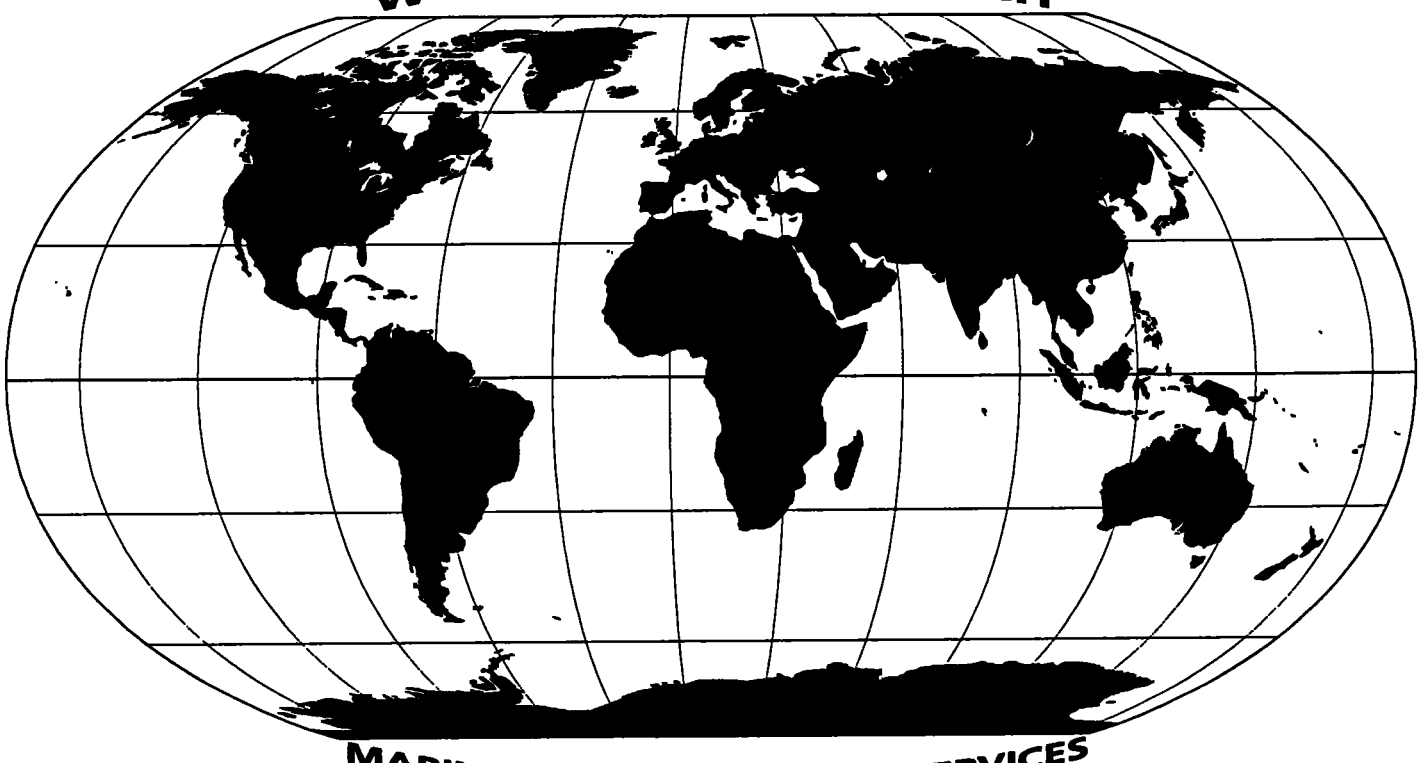
# OPERATIONAL
## newsletter

Volume 1994 — No. 11

(November 1994)

WORLD WEATHER WATCH



MARINE METEOROLOGICAL SERVICES

World Meteorological Organization
GENEVA

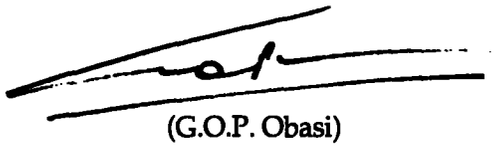
The WMO Secretariat would like to express its appreciation to all those who have contributed material to the "Operational Newsletter". ■

# 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

# Contents

# Annex I

# GLOBAL OBSERVING SYSTEM

## A. GOS REGULATORY OR GUIDANCE MATERIAL

## 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 | | 70231 | 70261 | 72265 | 72576 |
|---|---|---|---|---|---|
| Name of Station | | Mcgrath, AK | Fairbanks, AK | Midland, TX | Lander, WY. |
| Technical Authority over Station | | United States | United States | United States | United States |
| Degrees: | Latitude ( - = S) | 62.97 | 64.82 | 31.95 | 42.82 |
| | Longitude ( - = W) | -155.62 | -147.87 | -102.18 | -108.73 |
| Height (Metres) | | 103 | 138 | 872 | 1694 |
| Program: | TEMP | 0012 | 0012 | 0012 | 0012 |
| | PILOT | | | | |
| SONDE: | Regular Type Used | VIZ"B" | VIZ"B" | VIZ"B" | VIZ"B" |
| | Alternative Type Used | | | | |
| | Frequency (MHZ) | 1680 | 1680 | 1680 | 1680 |
| Radiation: | Correction Y=Yes/N=No | N | N | N | N |
| | Correction Type Used | | | | |
| Ground Equipment Used: | | | | | |
| WINDFINDING: | System Used | RADIOTHEODOLITE | RADIOTHEODOLITE | RADIOTHEODOLITE | RADIOTHEODOLITE |
| | Equipment Used | SERVO CORP | SERVO CORP | SERVO CORP | SERVO CORP |
| Date: | | 11/94 | 11/94 | 11/94 | 11/94 |

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

# 1. PUBLICATION NO. 9, VOLUME A - STATIONS

## Corrigendum

Reference to:

*Operational Newsletter* — Volume 1994-No. 8 (August 1994), page 2, and also to the weekly telegraphic message "METNO A3294"

**•Region I — Egypt:**

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| The following stations should NOT be deleted: 62408 Edfou and 62460 Sharm El Sheikh - are in regular operation. | | | | | | | | | | | | | | | | | | | | |
| 62408 | Edfou | 24°59'N | 32°49'E | 89 | 88 | | X | X | X | X | X | X | X | X | H00-24 | . | . | . | . | |
| 62460 | Sharm El Sheikh | 27°58'N | 34°23'E | 51 | 49 | | X | X | X | X | X | X | X | X | H00-24 | . | . | . | . | |
| The following stations should read as follows in the column for "Upper-air observations": 62306 Mersa Matruh, 62378 Helwan and 62414 Asswan: RW W RW W | | | | | | | | | | | | | | | | | | | | |
| 62306 | Mersa Matruh | 31°20'N | 27°13'E | 30 | 25 | | X | X | X | X | X | X | X | X | H00-24 | RW | W | RW | W | |
| 62378 | Helwan | 29°52'N | 31°20'E | 141 | 139 | | . | . | . | . | . | . | . | . | H00-24 | RW | W | RW | W | |
| 62414 | Asswan | 23°58'N | 32°47'E | 194 | 192 | | X | X | X | X | X | X | X | X | H00-24 | RW | W | RW | W | |
| The following station should have been deleted effective 31 August 1994: 62300 Salloum | | | | | | | | | | | | | | | | | | | | |
| 62300 | Salloum | | | | | | | | | | | | | | | | | | | |
| Station 62305 Sallum Plateau is a synoptic station and does NOT work for upper-air observations: | | | | | | | | | | | | | | | | | | | | |
| 62305 | Sallum Plateau | 31°34'N | 25°18'E | 6 | 179 | | X | X | X | X | X | X | X | X | H00-24 | . | . | . | . | |

We apologize for any inconvenience caused.

**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 II — Former U.S.S.R. (in Asia)** According to the request made by the Main Administration of Hydrometeorology, Cabinet of Ministers, Republic of Uzbekistan | | | | | | | | | | | | | | | | | | | | |
| 38457 | Tashkent | 41°16'N | 69°16'E | 488 | | | X | X | X | X | X | X | X | X | H02-14 | RW | . | RW | . | |
| 38606 | Kokand | 40°33'N | 70°57'E | 499 | | | X | X | X | X | X | X | X | X | H00-13 | RW | . | RW | . | |
| 38696 | Samarkand | 39°34'N | 66°57'E | 724 | | | X | X | X | X | X | X | X | X | | . | P | P | . | |
| 38812 | Karshi | 38°48'N | 65°43'E | 376 | | | X | X | X | X | X | X | X | X | H01-07 | . | P | P | . | |
| 38927 | Termez | 37°14'N | 67°16'E | 310 | | | X | X | X | X | X | X | X | X | H01-15 | RW | P | RW | . | |
| **Region IV — United States of America** | | | | | | | | | | | | | | | | | | | | |
| 72206 | Jacksonville/Intl., FL | 30°30'N | 81°42'W | 9 | 9 | | X | . | X | . | X | . | X | . | H00-23 | RW | . | RW | . | |
| Upper-air program replaces 72213 effective 15 November 1994 | | | | | | | | | | | | | | | | | | | | |
| 72213 | Waycross/Ware Co., GA | 31°15'N | 82°24'W | 46 | 46 | | . | . | . | . | . | . | . | . | H00-23 | . | . | . | . | |
| Upper-air program discontinued effective 14 November 1994 | | | | | | | | | | | | | | | | | | | | |
| 72247 | Longview, TX | 32°21'N | 94°39'W | 124 | 124 | | . | . | . | . | . | . | . | . | H00-23 | . | . | . | . | |
| Upper-air program discontinued effective 13 February 1995 | | | | | | | | | | | | | | | | | | | | |
| 72248 | Shreveport/Reg., LA | 32°28'N | 93°79'W | 79 | 79 | | X | . | X | . | X | . | X | . | H00-23 | RW | . | RW | . | |
| Upper-air program replaces 72248 effective 14 February 1995 | | | | | | | | | | | | | | | | | | | | |
| 72775 | Great Falls Intl. Airport, MT | 47°29'N | 111°22'W | 1115 | 1118 | | . | . | . | . | . | . | . | . | | . | . | . | . | |
| Programs discontinued effective 0000 UTC 15 September 1994 | | | | | | | | | | | | | | | | | | | | |
| 72776 | Great Falls, MT | 47°28'N | 111°23'W | | 1131 | | X | . | X | . | X | . | X | . | H00-23 | RW | . | RW | . | AUT |
| Replaces station 72775 effective 0000 UTC 15 September 1994 | | | | | | | | | | | | | | | | | | | | |

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

## 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: 20-27 October '94 | | Observed or technical parameters | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 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 | 72.6W | 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 | - | - | - | - |
| 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 | . | . | - | - | - | - |
| 42019 | | 27.9N | 95.0W | 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: 20-27 October '94 | | Observed or technical parameters | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 42020 | | 27.0N | 96.5W | 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 | + | + | + | - | + | + | + | - | - | - | - |
| 44005* | | 42.9N | 68.9W | + | X | X | - | X | X | X | - | - | - | - |
| 44006 | | 36.3N | 75.5W | X | X | X | - | X | . | . | - | - | - | - |
| 44007 | | 43.5N | 70.1W | + | 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 | . | . | - | - | - | - |
| 44011* | | 41.1N | 66.6W | X | X | X | - | X | X | X | - | - | - | - |
| 44013 | | 42.4N | 70.7W | X | X | X | - | + | X | X | - | - | - | - |
| 44014 | | 36.6N | 74.8W | X | X | X | - | + | X | X | - | - | - | - |
| 44019 | | 36.4N | 75.2W | X | X | X | - | X | + | + | - | - | - | - |
| 44025 | | 40.3N | 73.2W | X | X | X | - | X | X | X | - | - | - | - |
| 44028* | | 41.4N | 71.1W | + | + | + | - | + | + | + | - | - | - | - |
| 45001* | | 48.0N | 87.8W | X | X | X | - | X | X | X | - | - | - | - |
| 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 | - | - | - | - |
| 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 | - | - | - | - |

* 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: 20-27 October '94 | | Observed or technical parameters | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 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 | 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 | - | - | - | - |
| 46059* | | 38.0N | 130.0W | X | X | X | - | X | X | X | - | - | - | - |
| 51001* | | 23.4N | 162.3W | 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: = | 31 |
| Total other buoys: = | 40 |
| 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 *(continued)***

## 4.3.2 Drifting Buoys

| WMO buoy | ARGOS | Position: 30 Sept-27 Oct.'94 | | Observed or technical parameters | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Identifier | Identifier | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 16811 | 17180 | 37°S | 070°E | . | X | X | - | X | . | . | . | - | - | - |
| 17818 | 17175 | 38°S | 050°E | . | X | X | - | + | . | . | . | - | - | - |
| 17819 | 17174 | 46°S | 083°E | . | + | X | - | X | . | . | . | - | - | - |
| 17820 | 17173 | 51°S | 060°E | . | + | X | - | X | . | . | . | - | - | - |
| 17821 | 17176 | 43°S | 053°E | . | + | X | - | X | . | . | . | - | - | - |
| 17822 | 17184 | 28°S | 038°E | . | X | X | - | X | . | . | . | - | - | - |
| 32811 | 17170 | 33°S | 073°W | . | + | X | - | X | . | . | . | - | - | - |
| 32812 | 17171 | 24°S | 119°W | . | X | X | - | X | . | . | . | - | - | - |
| 32813 | 17172 | 30°S | 094°W | . | + | X | - | X | . | . | . | - | - | - |
| 32814 | 17161 | 30°S | 088°W | . | + | X | - | X | . | . | . | - | - | - |
| 33834 | 1979 | 27°S | 008°W | . | X | X | - | X | . | . | . | - | - | - |
| 33838 | 17163 | 29°S | 004°E | . | + | X | - | X | . | . | . | - | - | - |
| 33839 | 17164 | 37°S | 001°W | . | + | X | - | X | . | . | . | - | - | - |
| 33840 | 17165 | 37°S | 038°E | . | + | X | - | X | . | . | . | - | - | - |
| 33841 | 17166 | 34°S | 002°E | . | + | X | - | X | . | . | . | - | - | - |
| 33842 | 17167 | 44°S | 097°E | . | + | X | - | X | . | . | . | - | - | - |
| 46551 | 20705 | 45°N | 169°W | X | X | X | - | X | . | . | . | - | - | - |
| 46552 | 20706 | 41°N | 169°W | X | X | X | - | X | . | . | . | - | - | - |
| 46553 | 20710 | 48°N | 170°W | X | X | X | - | X | . | . | . | - | - | - |
| 46554 | 20712 | 37°N | 170°W | X | X | X | - | X | . | . | . | - | - | - |
| 46555 | 20707 | 45°N | 179°W | X | X | X | - | X | . | . | . | - | - | - |
| 46556 | 20711 | 48°N | 179°W | X | X | X | - | X | . | . | . | - | - | - |
| 46557 | 20709 | 37°N | 179°W | + | X | X | - | X | . | . | . | - | - | - |
| 53823 | 5131 | 08°S | 114°E | . | + | X | - | + | . | . | . | - | - | - |
| 54807 | 20718 | 54°S | 133°W | . | X | X | - | X | . | . | . | - | - | - |
| 54808 | 20722 | 59°S | 132°W | . | X | X | - | X | . | . | . | - | - | - |
| 54809 | 20719 | 30°S | 165°W | . | X | X | - | X | . | . | . | - | - | - |
| 54810 | 17181 | 30°S | 160°W | . | X | X | - | X | . | . | . | - | - | - |
| 54811 | 20713 | 48°S | 166°W | . | X | X | - | X | . | . | . | - | - | - |
| 54812 | 17178 | 52°S | 151°W | . | X | X | - | X | . | . | . | - | - | - |
| 54844 | 17168 | 32°S | 112°W | . | + | X | - | X | . | . | . | - | - | - |
| 55801 | 20721 | 41°S | 151°E | . | + | X | | X | . | . | . | | | |
| 56804 | 1977 | 41°S | 132°E | . | + | X | | X | . | . | . | | | |
| 56805 | 1990 | 51°S | 174°E | . | X | X | | X | . | . | . | | | |
| 56806 | 1984 | 21°S | 080°E | . | X | X | | X | . | . | . | | | |
| 56807 | 20716 | 19°S | 101°E | . | + | X | | X | . | . | . | | | |
| 56808 | 20720 | 21°S | 101°E | . | X | X | | X | . | . | . | | | |
| 74801 | 1982 | 59°S | 066°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)***

## 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*".

## 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.

# Order Form

## TO NEW READERS:

IF YOU WOULD LIKE TO RECEIVE FUTURE ISSUES OF THE
**"OPERATIONAL *NEWSLETTER*"**
FREE OF CHARGE, PLEASE FILL IN DETAILS **CLEARLY** BELOW

✂ ----------

## "OPERATIONAL *NEWSLETTER*"

Kindly mail me future copies of the
"OPERATIONAL NEWSLETTER" (W/OIS) in

- ☐ English
- ☐ French
- ☐ Russian
- ☐ Spanish

Name:.....

Address: .....

.....

.....

.....

.....

✂ ----------

*Send the coupon to* ☞

**WORLD METEOROLOGICAL ORGANIZATION**
SECRETARIAT
WWW/OPI
41, avenue Giuseppe-Motta
PO Box 2300
CH - 1211 GENEVA
Switzerland

| | |
|---|---|
| Telephone: | National (022) 730 81 11<br>International +41 22 730 81 11 |
| Telegrammes: | METEOMOND GENÈVE |
| Telex: | 41 41 99 OMM CH |
| Facsimile: | 41 22 734 23 26 |