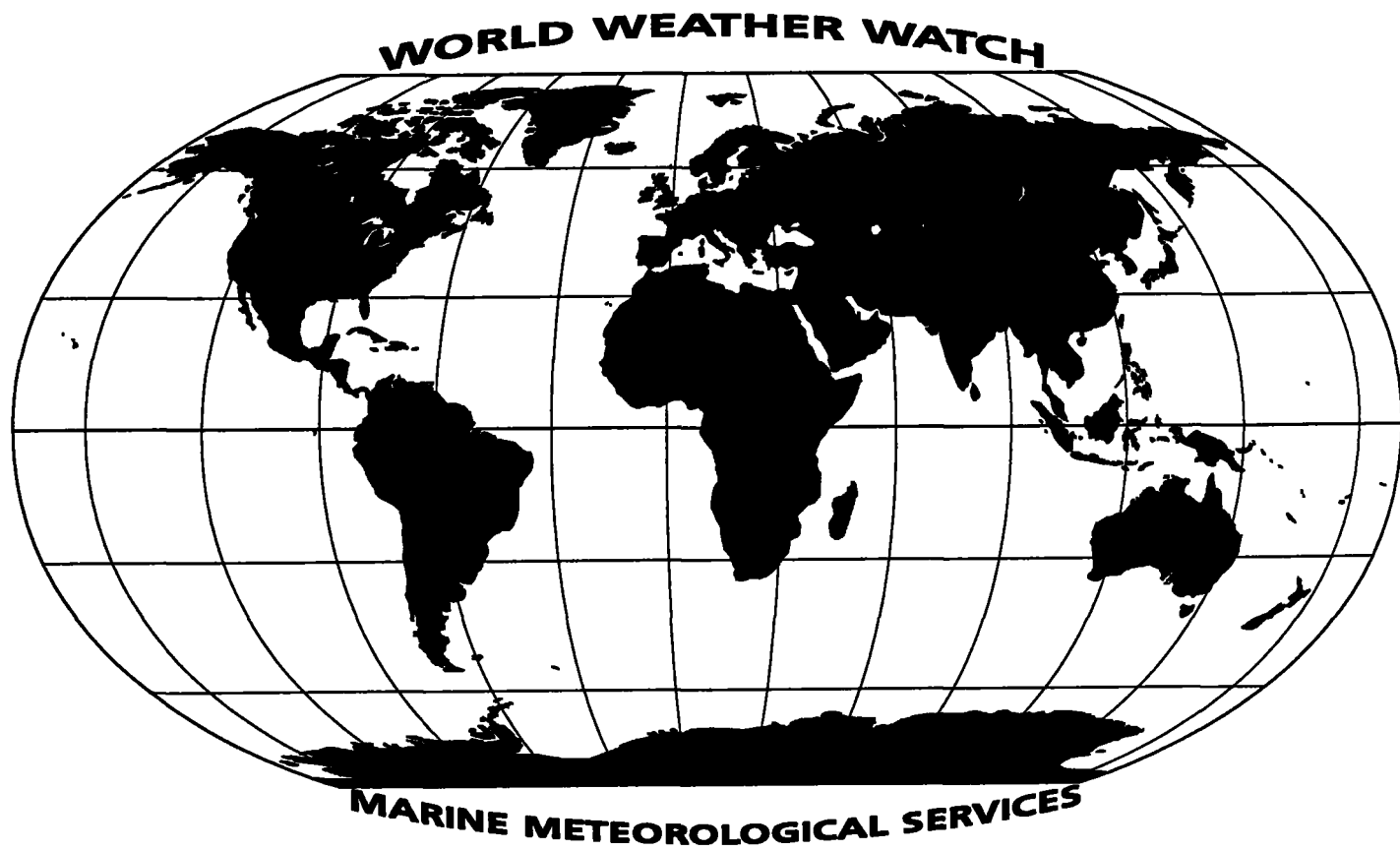


OPERATIONAL

newsletter

Volume 1995 — No. 3

(March 1995)



World Meteorological Organization
GENEVA

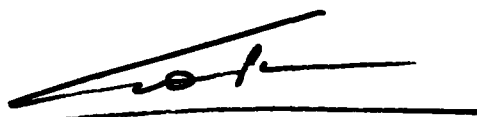
The WMO Secretariat would like to express its appreciation to all those who have contributed material to the "Operational Newsletter". ■

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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ORDER FORM

Annex I

GLOBAL OBSERVING SYSTEM

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 | | 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 | | | |
| Region IV - United States of America | | | | | | | | | | | | | | | | | | | | | | |
| 72649 | CHANHAUSSEN, MN. | 44°51'N | 93°34'W | 287 | - | | . | . | . | . | . | . | . | . | . | . | | | RW | . | RW | . |
| (Replaces 72655 for upper-air obs. effective 22 March 1995) | | | | | | | | | | | | | | | | | | | | | | |
| 74455 | DAVENPORT, IA. | 41°37'N | 90°35'W | 229 | - | | . | . | . | . | . | . | . | . | . | . | | | RW | . | RW | . |
| (Replaces 72532 for upper air obs. effective 14 February 1995) | | | | | | | | | | | | | | | | | | | | | | |
| 74560 | LINCOLN, IL. | 40°09'N | 89°20'W | 178 | - | | . | . | . | . | . | . | . | . | . | . | | | RW | . | RW | . |
| (Replaces 72435 for upper air obs. effective 7 February 1995) | | | | | | | | | | | | | | | | | | | | | | |
| Region V — New Zealand | | | | | | | | | | | | | | | | | | | | | | |
| 93420 | PARAPARAUMJAWS | 40°54S | 174°59'S | 7 | 7 | | X | X | X | X | X | X | X | X | X | X | | | . | . | . | . |
| Region VI — Czech Republic | | | | | | | | | | | | | | | | | | | | | | |
| 11509 | DOKSANY | 50°28'N | 14°10'S | 159 | 158 | | X | X | X | X | X | X | X | X | X | X | | | . | . | . | . |
| Region VI — Sweden | | | | | | | | | | | | | | | | | | | | | | |
| 02464 | STOCKHOLM/ BROMMA AUT | 59°21'N | 17°57'S | 14 | 14 | | X | X | X | X | X | X | X | X | X | X | | | . | . | . | . |

1.2 Deleted stations

| Region | Index No. | Name |
|-------------|-----------|--------------------|
| VI - Sweden | 02435 | BORLANGE FLYGPLATS |

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 | | Pressure Level | Surface observations | | | | | | | Obs. H Obs. S | Upper-air | | | | Re- marks |
|--|-----------------------------------|----------|-----------|-----------|------|----------------|----------------------|----|----|----|----|----|----|------------------|-----------|----|----|----|--------------|
| | | | | HP | H/HA | | 00 | 03 | 06 | 09 | 12 | 15 | 18 | | 21 | 00 | 06 | 12 | |
| Region IV — United States of America | | | | | | | | | | | | | | | | | | | |
| 72349 | Monett, MO. | | | | | | X | X | X | X | X | X | X | X | H00-24 | . | . | . | . |
| (Upper air program discontinued effective 26 April 1995) | | | | | | | | | | | | | | | | | | | |
| 72435 | Paducah, KY. | | | | | | . | . | . | . | . | . | . | . | . | . | . | . | . |
| (Upper air program discontinued effective 7 February 1995) | | | | | | | | | | | | | | | | | | | |
| 72440 | Springfield/Mun, MO. | | | | | | X | . | X | . | X | . | X | . | H00-24 | FW | . | FW | . |
| (Replaces 72349 for upper air obs, effective 26 April 1995) | | | | | | | | | | | | | | | | | | | |
| 72532 | Peoria/Greater Peoria Mun, IL. | | | | | | X | . | X | . | X | . | X | . | H00-24 | . | . | . | . |
| (Upper air program discontinued, effective 14 February 1995) | | | | | | | | | | | | | | | | | | | |
| 72655 | St. Cloud/ Whitney, MN | | | | | | . | . | . | . | . | . | . | . | H11-23 | . | . | . | . |
| (Upper air program discontinued effective 22 March 1995) | | | | | | | | | | | | | | | | | | | |
| Region VI — Sweden | | | | | | | | | | | | | | | | | | | |
| 02641 | Vaxjo/Sol | | | | | | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 02185 | Lulea/Kallax | | | | | | . | . | . | . | . | . | . | . | . | FW | FW | FW | W |
| 02640 | Vaxjo | | | | | | X | . | X | . | X | . | X | . | . | . | . | . | . |

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 |

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

4. Automatic Marine Stations (continued)

4.1 Japan

4.1.2 Drifting Buoys

The Japan Meteorological Agency released the three drifting buoys below as follows.

| WMO buoy Identifier | ARGOS Identifier | Position: 26 Jan-11 Feb '95 | | Observed or technical parameters | | | | | | | | | | |
|---------------------|------------------|--|-----------|----------------------------------|---|---|---|---|---|---|---|---|----|----|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 52638 (26Jan) | 23118 | 19°52'N | 136°56'E | - | - | - | - | - | - | - | - | - | - | - |
| 52641 (30Jan) | 23121 | 12°50'N | 137°00'E | - | - | - | - | - | - | - | - | - | - | - |
| 52642 (11Feb) | 23122 | 3°59'N | 137°03'E | - | - | - | - | - | - | - | - | - | - | - |
| 52137 | 23117 | Will be released in Area 52 on July 1995 | | | | | | | | | | | | |
| 52139 | 23119 | Will be released in Area 52 on July 1995 | | | | | | | | | | | | |
| 52140 | 23120 | Will be released in Area 52 on July 1995 | | | | | | | | | | | | |

4.3 United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the March 1995 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.

4.1.2 Moored Buoys

| WMO buoy Identifier | ARGOS Identifier | Position: 26 Jan-11 Feb '95 | | 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 | # | # | # | - | # | # | # | - | - | - | - |
| 41002* | | 32.3N | 75.2W | # | # | # | - | # | # | # | - | - | - | - |
| 41004 | | 32.5N | 79.1W | 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 | # | # | # | - | # | # | # | - | - | - | - |
| 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 | X | X | X | - | X | . | . | - | - | - | - |
| 42007 | | 30.1N | 88.8W | 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: 9-16 March 1995 | | 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 | - | - | - | - |
| 42025 | | 24.9N | 80.5W | . | 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 | . | . | - | - | - | - |
| 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 | . | . | - | - | - | - |
| 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 | - | - | - | - |
| 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 | X | X | X | - | X | X | X | - | - | - | - |
| 45001* | | 48.0N | 87.8W | X | X | X | - | X | X | X | - | - | - | - |
| 45002* | | 45.3N | 86.4W | X | X | X | - | X | X | X | - | - | - | - |
| 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 | - | - | - | - |
| 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 | - | # | # | # | - | - | - | - |
| 46005* | | 46.1N | 131.0W | X | X | X | - | X | X | X | - | - | - | - |
| 46006* | | 40.9N | 137.5W | 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)

4.3.1 Moored Buoys

| WMO buoy Identifier | ARGOS Identifier | Position: 9-16 March 1995 | | Observed or technical parameters | | | | | | | | | | |
|---------------------|------------------|---------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|---|----|----|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 46011 | | 34.9N | 120.9W | X | 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 | | 34.3N | 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 | X | - | - | - | - |
| 46027 | | 41.9N | 124.4W | X | X | X | - | X | X | X | - | - | - | - |
| 46028* | | 35.7N | 121.9W | X | X | X | - | X | X | X | - | - | - | - |
| 46029 | | 46.2N | 124.2W | # | # | # | - | # | # | # | - | - | - | - |
| 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 | # | X | X | - | X | X | X | - | - | - | - |
| 46042 | | 36.8N | 122.4W | X | X | X | - | X | X | X | - | - | - | - |
| 46045 | | 33.8N | 118.4W | # | X | X | - | X | X | X | - | - | - | - |
| 46050 | | 44.6N | 124.5W | # | X | X | - | # | X | X | - | - | - | - |
| 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 | X | X | - | - | - | - |
| 51002 | | 17.2N | 157.8W | X | X | X | - | X | # | # | - | - | - | - |
| 51003* | | 19.1N | 160.8W | X | X | X | - | X | X | X | - | - | - | - |
| 51004* | | 17.4N | 152.5W | X | X | X | - | X | X | X | - | - | - | - |
| 51026 | | 21.4N | 156.9W | X | X | X | - | X | X | X | - | - | - | - |
| 51027 | | 20.4N | 157.1W | X | X | X | - | X | X | X | - | - | - | - |

| | | |
|----------------------------|---|-----------|
| Total base funded buoys: | = | 29 |
| Total other buoys: | = | 42 |
| 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 Identifier | ARGOS Identifier | Position: 15 March 1995 | | Observed or technical parameters | | | | | | | | | | |
|---------------------|------------------|-------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|---|----|----|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 16811 | 17180 | 34°S | 078°E | . | X | X | - | X | . | . | . | - | - | - |
| 17810 | 17182 | 40°S | 007°E | . | X | X | - | X | . | . | . | - | - | - |
| 17818 | 17175 | 39°S | 035°E | . | X | X | - | # | . | . | . | - | - | - |
| 17819 | 17174 | 43°S | 118°E | . | # | X | - | X | . | . | . | - | - | - |
| 17820 | 17173 | 50°S | 097°E | . | # | X | - | # | . | . | . | - | - | - |
| 17821 | 17176 | 39°S | 058°E | . | # | X | - | X | . | . | . | - | - | - |
| 17822 | 17184 | 39°S | 044°E | . | X | X | - | X | . | . | . | - | - | - |
| 32811 | 17170 | 20°S | 087°W | . | # | X | - | X | . | . | . | - | - | - |
| 32812 | 17171 | 27°S | 124°W | . | X | X | - | X | . | . | . | - | - | - |
| 32813 | 17172 | 29°S | 096°W | . | # | X | - | X | . | . | . | - | - | - |
| 32814 | 17161 | 29°S | 096°W | . | # | X | - | X | . | . | . | - | - | - |
| 33838 | 17163 | 27°S | 005°W | . | # | X | - | X | . | . | . | - | - | - |
| 33839 | 17164 | 27°S | 001°W | . | # | X | - | X | . | . | . | - | - | - |
| 33840 | 17165 | 37°S | 047°E | . | # | X | - | # | . | . | . | - | - | - |
| 33841 | 17166 | 27°S | 001°W | . | # | X | - | X | . | . | . | - | - | - |
| 33843 | 20714 | 51°S | 013°W | . | X | X | - | X | . | . | . | - | - | - |
| 46551 | 20705 | 44°N | 165°W | # | X | X | - | X | . | . | . | - | - | - |
| 46552 | 20706 | 40°N | 164°W | # | # | X | - | X | . | . | . | - | - | - |
| 46553 | 20710 | 49°N | 166°W | X | X | X | - | X | . | . | . | - | - | - |
| 46554 | 20712 | 35°N | 157°W | X | X | X | - | X | . | . | . | - | - | - |
| 46555 | 20707 | 46°N | 170°W | X | X | X | - | X | . | . | . | - | - | - |
| 46556 | 20711 | 51°N | 177°W | X | X | X | - | X | . | . | . | - | - | - |
| 46557 | 20709 | 33°N | 171°W | X | # | X | - | X | . | . | . | - | - | - |
| 46558 | 20708 | 41°N | 171°W | X | X | X | - | X | . | . | . | - | - | - |
| 53825 | 20715 | 10°S | 121°E | . | # | X | - | # | . | . | . | - | - | - |
| 54807 | 20718 | 53°S | 095°W | . | X | X | - | X | . | . | . | - | - | - |
| 54808 | 20722 | 57°S | 086°W | . | X | X | - | X | . | . | . | - | - | - |
| 54809 | 20719 | 35°S | 174°W | . | X | X | - | X | . | . | . | - | - | - |
| 54810 | 17181 | 29°S | 171°W | . | X | X | - | X | . | . | . | - | - | - |
| 54811 | 20713 | 45°S | 144°W | . | X | X | - | X | . | . | . | - | - | - |
| 54812 | 17178 | 52°S | 111°W | . | X | X | - | X | . | . | . | - | - | - |
| 54813 | 20717 | 44°S | 152°W | . | X | X | - | X | . | . | . | - | - | - |
| 54814 | 05127 | 29°S | 161°W | . | X | X | - | X | . | . | . | - | - | - |
| 54845 | 17162 | 41°S | 167°W | . | X | X | - | X | . | . | . | - | - | - |
| 55801 | 20721 | 41°S | 152°E | . | # | X | - | X | . | . | . | - | - | - |
| 56804 | 1977 | 39°S | 128°E | . | # | X | - | X | . | . | . | - | - | - |
| 56806 | 1984 | 21°S | 070°E | . | X | X | - | X | . | . | . | - | - | - |
| 56807 | 20716 | 18°S | 083°E | . | # | X | - | X | . | . | . | - | - | - |
| 56808 | 20720 | 22°S | 080°E | . | X | X | - | X | . | . | . | - | - | - |
| 56809 | 17169 | 27°S | 092°E | . | X | X | - | X | . | . | . | - | - | - |
| 56810 | 17185 | 28°S | 088°E | . | X | X | - | X | . | . | . | - | - | - |
| 91722 | 91222 | 18°N | 146°E | X | X | X | - | . | . | . | . | - | - | - |
| 91751 | 91251 | 11°N | 162°E | X | X | X | - | . | . | . | . | - | - | - |

335 drifting buoys have been deployed in support of TOGA; 33 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 March 1995

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

| | | |
|---------------------|---|--------|
| Drifting Buoys | : | 909 |
| Boats (<20 knots) | : | 0 |
| Marine Stations | : | 6 |
| Moored Buoys | : | 295 |
| Fixed Stations | : | 398 |
| Terrestrial Animals | : | 68 |
| Marine Animals | : | 85 |
| Birds | : | 46 |
| Balloons | : | 8 |
| TOTAL | | : 1815 |

•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) | : | 0 |
| Drifting Buoys | : | 99 |
| Fixed Stations | : | 8 |
| Marine Stations | : | 1 |
| Moored Buoys | : | 1 |
| Synoptic PTT | : | 1 |

Transmission to NWS Washington:

| | | |
|----------------|---|-----|
| Drifting Buoys | : | 449 |
| Fixed Stations | : | 8 |
| High Speed | : | 0 |
| Moored Buoys | : | 60 |

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

| | |
|---------|--------|
| BATHY = | 273 |
| BUOYS = | 109261 |
| SYNOP = | 4282 |
| TOTAL: | 113816 |

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".

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 _o P _o P _o P _o |
|----------|---|
| 1000 hPa | |
| 850 hPa | geopotential of the given standard isobaric surface |
| 700 hPa | reported using group 4a3hhh |
| 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)

1.1 New bulletins

•Region II - Former USSR:
Effective 0000 UTC on 25 April 1995

| Abbreviated Headings | Time of Observation | Content |
|----------------------|---------------------|---------|
| USRA17 RUNW | 00,12 | 28722 |
| UKRA17 RUNW | 00,12 | 28722 |
| ULRA17 RUNW | 00,12 | 28722 |
| UERA17 RUNW | 00,12 | 28722 |

1.2 Deleted bulletins

•Region II - Former USSR:
Effective 0000 UTC on 25 April 1995

| Abbreviated Headings | Time of Observation | Content |
|----------------------|---------------------|---------|
| UPRA14 RUNW | 18 | — |

1.3 Changes to bulletins

•Region II - Former USSR:
Effective 0000 UTC on 25 April 1995. Delete the station 28722 from bulletins:

USRA14 RUNW
UKRA14 RUNW
ULRA14 RUNW
UERA14 RUNW.

Annex IV

CODES

A. REGULATORY OR GUIDANCE MATERIAL ON CODES

◆The revised BATHY code adopted by CBS-Ext.(94), containing in particular information on:

- probe type
- recorder type and
- fall-rate equation used

will come into force on 8 November 1995.

◆Reports in the new code form will contain the identification group $M_i M_i M_i M_j = JJYY$ to distinguish them from reports in the old code form ($M_i M_i M_i M_j = JJXX$), which may continue to circulate in bulletins on the GTS for some time after 8 November 1995.

◆Bulletins of BATHY reports will continue to use the same abbreviated headers on the GTS.

◆Reports with the $M_i M_i M_i M_j = JJYY$ prefix should be forwarded in the same way as those with the $M_i M_i M_i M_j = JJXX$ prefix.

**MARINE METEOROLOGICAL SERVICES (MMS) AND RELATED
OCEANOGRAPHIC ACTIVITIES**

C. INFORMATION ON THE OPERATION OF MARINE METEOROLOGICAL SERVICES

1. BROADCASTS FOR SHIPPING AND OTHER MARINE ACTIVITIES
(Publication No. 9, Volume D, Part A)

1.3 Changes in schedules/technical specifications

•Notification from Sweden

Groups B, D Sveriges Radio effective 1.3.1995 changes as indicated on pages 15A and 15B.

SWEDEN / SUÈDE

Station: SVERIGES RADIO (The Swedish Broadcasting Corporation / Réseau de radiodiffusion suédois) **Group(e):** B, D **Date:** 1.III.1995

Area covered: North Sea, Skagerrak, Kattegat, Lake Vaenern, The Sound and The Belts, Baltic, Sea of Aaland and Archipelago, Sea of Bothnia, the Quark Bay of Bothnia (see page D-Ai-VI-43-2)
Zone intéressée: Mer du Nord, Skaggerak, Kattegat, Lac Vaenern, le Sound et les Belts, Baltique, mer D'Aaland et Archipel, mer de Botnie, le Quark et baie de Botnie (voir page D-Ai-VI-43-2)

| Call sign | Time of broadcast (UTC) | Frequency used | Class of emission | Power | Language or code form (FM system) | Contents | |
|----------------------------|---------------------------|------------------------|-------------------|-------------------------------|--|---|--|
| Indicatif d'appel | Heures de diffusion (UTC) | Fréquences | Classe d'émission | Puissance fournie à l'antenne | Langue employée ou forme symbolique | Contenu | |
| Sölvesborg* Karlsborg** | 0535 (0435)* NOTE | 1 179 kHz 6 065 kHz | A3E | 600 kW 500 kW | In clear (Swedish) En clair (suédois) | Daily Weather summary for North and North-west Europe. Forecast valid for 24 hours: Lists 1 and 2. Storm/gale, icing warnings for Swedish coastal waters: List 2. | Quotidiennement Résumé du temps pour l'Europe du Nord et du Nord-ouest. Prévisions valables 24 heures: Listes 1 et 2. Avis de tempête, de coup de vent et de givrage pour les eaux côtières suédoises : Liste 2. |
| | | | | | | Not on Saturday and Sunday SYNOP 0300: Reports about wind and weather from Swedish and foreign stations: List 3. Water level: List 4. Wave height: List 5. | Sauf samedi et dimanche SYNOP 0300 : Messages sur le vent et le temps émanant de stations suédoises et étrangères: Liste 3. Niveau de l'eau : Liste 4. Hauteur des vagues : Liste 5 |
| | 0705 (0605)* NOTE | | | | | Daily May-November Forecast: List 2. Warnings: See 0535 (0435) | Quotidiennement mai-novembre Prévisions : Liste 2 Avis : Voir 0535 (0435) |
| | 1200 (1100) NOTE | | | | | Daily Weather summary: see 0535 (0435). Forecast: List 2 Warnings: List 2 SYNOP: 1100 (1000) List 3B | Quotidiennement Résumé du temps : voir 0535 (0435). Prévisions : Liste 2 Avis : Liste 2 SYNOP : 1100 (1000) Liste 3B |

* Not at 2050 (1950) / Pas à 2050 (1950)

** At 0535 (0435) and 0705 (0605). / À 0535 (0435) et 0705 (0605).

Forecasts for coastal areas follow after forecasts for inland areas (not specified here) at 0535 (0435), 0705 (0605) and 2050 (1950) UTC. /

Des prévisions pour les zones côtières suivent les prévisions pour les zones terrestres (non spécifiées ici) à 0535 (0435), 0705 (0605) et 2050 (1950) UTC.

NOTE Time within () valid during Swedish daylight saving time. / Les heures entre () sont valables pendant l'heure d'été en Suède.

SWEDEN / SUÈDE

Station: **SVERIGES RADIO (The Swedish Broadcasting Corporation / Réseau de radiodiffusion suédois)** Group(e): **B, D** (continued/suite) Date: **1.III.1995**

LIST OF STATIONS / LISTE DE STATIONS

| List(e) 1 (areas/zones) | | List(e) 3 (Stations) ⁽¹⁾ | | | | List(e) 4 | | List(e) 5 | |
|-------------------------|--------------------------------|-------------------------------------|-------------------|-------|-------------------|-------------------------------|------------|----------------------------------|--------------------|
| | | | | | | (Water level/Niveau de l'eau) | | (Wave height/Hauteur des vagues) | |
| N 3 | Syd Utsira | 01448 | Oksöy fyr | 02606 | Kullen | | | | |
| N 4 | Fladen | 02407 | Gälleudde* | 02611 | Helsingborg** | — | Kalix | 02499 | Almagrundet |
| N 8 | Dogger | 02417 | Lurö | 02616 | Falsterbo | — | Ratan | 02517 | Trubaduren |
| N 9 | Fiskebankarna | 02500 | Nordkoster | 02650 | Hanö | — | Sundsvall | — | Fladen fyr |
| N 10 | Tyska bukten | 02501 | Väderöarna | 02656 | Sandhammaren | — | Stockholm | 02685 | Ölands södra grund |
| | | 02508 | Måseskär | 02666 | Ungskär | — | Karlskrona | | |
| | List(e) 2 (areas/zones) | 02516 | Vinga | 02676 | Ölands södra udde | — | Klagshamn | | |
| B 1 | Bottenviken | 02518 | Nidingen | 02680 | Hoburg | — | Göteborg | | |
| B 2 | Norra Kvarken | 02584 | Gotska Sandön | 06041 | Skagen | — | Vänern | | |
| B 3 | Bottenhavet | 02586 | Harstena | 06052 | Thyborön | | | | |
| B 4 | Ålands hav och Skärgårdshavet | 02592 | Ölands norra udde | 06078 | Anholt | | | | |
| B 7 | Norra Östersjön | 02596 | Herrvik | 06191 | Christiansö | | | | |
| B 8 | Mellersta Östersjön | 02600 | Glommen | 10091 | Arkona | | | | |
| B 9 | Sydöstra Östersjön | | | | | | | | |
| B 10 | Södra Östersjön | | | | | | | | |
| B 11 | Sydvästra Östersjön | | | | | | | | |
| B 12 | Öresund och Bälten | | | | | | | | |
| B 13 | Kattegatt | | | | | | | | |
| B 14 | Skagerack | | | | | | | | |
| B 15 | Vänern | | | | | | | | |

⁽¹⁾ Wind is always mentioned, information about weather only if visibility is less than 1 km (mist, thick snowfall, heavy shower). /
Le vent est toujours mentionné, renseignements météorologiques seulement si la visibilité est inférieure à 1 km (brume, chute abondante de neige, forte averse)
In summer 0500 and 1700 observations. / En été, observations à 0500 et 1700.
** Are not making 0300 observations. / Ne font pas d'observations à 0300.

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