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Geneva, 15 June 1982

Annexes: 2

Subject: Monthly letter on the operation of the World Weather Watch (June 1982)

Action required: To be noted and brought to the attention of appropriate operational units

Dear Sir/Madam,

As indicated in my letter PR-3398 of 26 March 1982, all the information on changes to the operation of the World Weather Watch is now to be assembled and distributed by the Secretariat on a monthly basis to facilitate updating and follow-up action.

Attached, you will find annexes providing the latest WWW operational information. Those items and sub-items for which information is provided are listed below:

Annex 1 - Global Observing System

- A. GOS regulatory or guidance material
- B. Changes in global or regional components of WWW plan
 - 1. Regional basic synoptic networks
 - 1.1 New stations
 - 1.2 Deleted stations
- C. Information on operational status of elements of the surface-based sub-system
 - 1. Publication No. 9, Volume A - Stations
 - 1.1 New stations
 - 1.2 Deleted stations
 - 1.3 Changes to existing stations
 - 2. WMO Catalogue of Radiosondes in use by Members
 - 3. Automatic marine stations
- D. Information on operational status of space sub-system

To: Permanent Representatives (or Directors of Meteorological or Hydro-meteorological Services) of Members of WMO (PR-3430)
Directors of Meteorological Services of non-Member countries (NC-2212)
President and Vice-President of CBS
Chairmen of CBS Working Groups
Secretary-General of ICAO
Director-General of ASECNA
Director of ECMWF

Annex III - Global Telecommunication System

B. Updating of Manual on GTS in respect of exchange lists

1. Global exchange lists (Manual on the GTS, Volume 1, Part 1, Attachment 1-4)

- 1.1 New stations
- 1.2 Deleted stations

C. Information on the operation of GTS

1. Catalogue of Meteorological Bulletins (Publication No. 9, Volume C, Chapter I)

- 1.3 Changes to bulletins

2. Transmission schedules (Publication No. 9, Volume C, Chapter II)

- 2.3 Changes in schedules/technical specifications

3. Regional telecommunication networks

Your co-operation in ensuring that the above information reaches the appropriate operational units of your service is greatly appreciated. If you wish to receive additional copies of the monthly circular letter, please inform me accordingly.

Yours faithfully,



for the Secretary-General
(G.K. Weiss)
Director
World Weather Watch Department

Annex I - Global Observing System

Date: 15 June 1982

A. GOS regulatory or guidance material

The acting President of Regional Association II - Asia has formally approved on behalf of the Association the following allocations of ranges of international index numbers (IIiii) to countries in the Arabian peninsula:

<u>Countries</u> (in numerical order)	<u>Allocated ranges</u>
Saudi Arabia	(40350 - 40549 (stations north of latitude 23°N) (41000 - 41149 (stations south of latitude 23°N)
Kuwait	40550 - 40599
Bahrain	41150 - 41159
Qatar	41160 - 41179
United Arab Emirates	41180 - 41239
Oman	41240 - 41319
Yemen	41320 - 41399
Democratic Yemen	41400 - 41499

The above allocations will be effective as from 1 January 1983. All synoptic stations in the Arabian peninsula, except Saudi Arabian stations north of latitude 23°N, will need to be renumbered as from that date. The following changes to international index numbers have been notified to the Secretariat:

<u>Station Name</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Present index number</u>	<u>New index number as from 1 January 1983</u>
JEDDAH (Abdulaziz Int. Airport)	21°40'N	39°09'E	40476	41024
JEDDAH	21°30'N	39°12'E	40477	41026
TAIF	21°29'N	40°32'E	40480	41036
SULAYIL	20°28'N	45°40'E	40495	41062
BISHA	19°58'N	42°40'E	40498	41084
ABHA	18°08'N	42°23'E	40568	41112
KHAMIS MUSHAIT	18°18'N	42°48'E	40569	41114
NAJRAN	17°36'N	44°25'E	40570	41128
GIZAN	16°52'N	42°35'E	40572	41140
ABDALY	30°05'N	47°42'E	40366	40550
WARBA	30°00'N	48°06'E	40368	40552
UMM AL-AISH	29°48'N	47°46'E	40364	40564
BUBIYAN	29°47'N	48°22'E	40378	40568
AL-SALMI	29°07'N	46°40'E	40377	40570
EXPERIMENTAL FARM	29°17'N	47°56'E	40365	40580
SHUWAIKH	29°20'N	47°57'E	40371	40581
KUWAIT International Airport	29°13'N	47°59'E	40372	40582
AHMADI	29°06'N	48°08'E	40367	40583
FAHAHEEL	29°04'N	48°09'E	40369	40584
AL-SHUAIBA	29°02'N	48°09'E	40379	40585
FAILAKA Island	29°28'N	48°17'E	40370	40588
AL-WAFRA	28°34'N	48°04'E	40380	40592
AL-NWAISEEB	28°30'N	48°28'E	40382	40594
UMM-AL-MARADIM	28°41'N	48°39'E	40381	40596
BAHRAIN MUHARRAQ	26°16'N	50°37'E	40427	41150
DOHA PORT	25°18'N	51°33'E	40426	41168
DOHA International Airport	25°15'N	51°34'E	40428	41170
UMM SAID	24°54'N	51°33'E	40429	41176

KHASSAB	26°11'N	56°14'E	40458	41240
BURAIHI	24°15'N	55°50'E	40460	41244
SOHAR	24°21'N	56°43'E	40461	41246
SAIO	23°08'N	57°38'E	40465	41254
SCEP International Airport	23°35'N	58°17'E	40462	41256
EUR	22°35'N	59°30'E	40468	41268
MASIRAH	20°40'N	58°54'E	40564	41288
THUMRAI	17°44'N	53°56'E	40474	41314
SALALAH	17°02'N	54°05'E	40575	41316

B. Changes in global or regional components of WWW plan

1. Regional basic synoptic networks

1.1. New stations

Region I

62441 ISMAILIA (30°36'N, 32°17'E) (Surface observations)

67295 CHIMCTO (19°07'S, 33°28'E) (Surface observations)

67881 RUSAPE (18°32'S, 32°08'E) (Surface observations)

68029 KASANE (17°49'S, 25°09'E) (Surface observations)

Region II

48330 PHRAE (18°10'N, 100°10'E) (Surface observations)

48351 UTTARADIT (17°37'N, 100°06'E) (Surface observations)

48376 TAK (16°53'N, 99°09'E) (Surface observations)

48377 BHUMIBOL DAM (17°15'N, 99°01'E) (Surface observations)

Region IV

72407 ATLANTIC CITY, N.J. (39°27'N, 74°34'W) (Upper-air observations only)

Region VI

03809 CULDRÖSE (50°05'N, 05°15'W) (Surface observations)

04390 PRINS CHRISTIAN SUND (60°02'N, 43°07'W) (Surface observations)

06024 THISTED FLYVEPLADS (57°04'N, 08°42'E) (Surface observations)

1.2. Deleted stations

Region I

67279 MUTARARA (17°23'S, 35°03'E) (Surface observations)

67305 MASSANGENA (21°35'S, 32°58'E) (Surface observations)

67587 LILONGWE (13°58'S, 33°42'E) (Surface observations)

67690 MONKEY BAY (14°05'S, 34°55'E) (Surface observations)

67885 GRAND REEF (18°59'S, 32°27'E) (Surface observations)

B. Updating of Manual on GTS in respect of exchange lists1. Global exchange lists (Manual on the GTS, Volume I, Part I, Attachment I-4)1.1. New stations

SYNOP: 71904 at 06 GMT

TEMP: 03026 at 00,12 GMT

1.2. Deleted stations

SYNOP: 71904 at 00 GMT
 82113 at 06 GMT
 82353 at 06 GMT
 82410 at 06 GMT
 82678 at 06 GMT
 82765 at 06 GMT
 82915 at 06 GMT
 83288 at 06 GMT
 83361 at 06 GMT
 83630 at 06 GMT
 83826 at 00,06,12,18 GMT
 83842 at 06 GMT
 83927 at 06 GMT

TEMP: 44292 at 06 GMT

C. Information on the operations of GTS1. Catalogue of Meteorological Bulletins (Publication No. 9, Volume C, Chapter I)1.3. Changes to bulletins

(i) Add station index number 62212 to the following bulletins:

SMLY1 HLLT (10400)
 SILY20 HLLT (20410) /

(ii) Add station index number 62161 to the following bulletin:

CSLY1 HLLT (10490) /

(iii) Add station index number 62103 to the following bulletins:

USLY1 HLLT (30400) at 12 GMT
 UKLY1 HLLT (30410) at 12 GMT
 ULLY1 HLLT (30420) at 12 GMT
 UELY1 HLLT (30430) at 12 GMT /

(iv) Modify the time group (GG) and the content of the following bulletins:

UPLY1 HLLT (30450) 00,12, UHLY1 HLLT (30470) 00,12,
 UGLY20 HLLT (30460) 00,12, UOLY20 HLLT (30471) 00,12

as follows:

UPLY1 HLLT (30450) 00 62002 62007 62016 62019 62055 62056
 62059 62063 62103 63120 62124 62131
 62161 62176 62259 62271 /

UPLY1 HLLT (30450) 12 62002 62007 62016 62019 62055 62056
 62059 62063 62120 62131 62161 62176
 62259 /

UHLY1 HLLT (30470) 00 62002 62007 62016 62019 62055 62056
 62059 62063 62103 63120 62124 62131
 62161 62176 62259 62271 /

1.2. Deleted stations

82243 SANTAREM (TAPERINHA) / 82753 OURICURI / 83826 FOZ DO IGUAQU /
 71062 CONTWOCYTO LAKE, N.W.T. /
 02433 FALUN / 02440 AMOTSBRUK /
 06300 NOGRDHINDER / 06320 LIGHT PLATF. GOEREE / 07393 DOUBS /

1.3. Changes to existing stations

42098 HALWARA P . P . / 43181 VIJAYAWADA/GANNAVARAM RW P RW P /
 43311 AMINI RW P RW P /
 44210 MCYDO P . . . / 44239 UULGAN P . . . /
 44241 BARUNHARA P . . . / 44272 ULIASTAI P . . . /
 44262 TSETSERLEG P . . . / 44292 ULAN-PATOR RW . KW . /
 44341 MANDALGOVI P . . . /
 82067 IAUARETE X . . . X . X . / 82113 BARCELOS X . . . X . X . /
 82353 ALTAMIRA X . . . X . X . / 82410 BENJAMIN CONSTANT X . . . X . X . /
 82411 TABATINGA X . . . X . X . / 82583 CRATEUS X . . . X . X . /
 82678 FLORIANO X . . . X . X . / 82765 CAROLINA X . . . X . X . /
 82824 PORTO VELHO X . . . X . X . / 82915 RIO BRANCO X . . . X . X . /
 83288 BOM JESUS DA LAPA X . . . X . X . / 83361 CUIABA X . . . X . X . /
 83630 FRANCA X . . . X . X . / 83746 GALEAO /
 83842 CURITIBA X . . . X . X . / 83927 URUGUAIANA X . . . X . X . /
 71125 MEADOW LAKE, SASK X . X . X . X . H12-03, 06 /
 71399 SHELBURNE, N.S. X . X . X . X . H00-24 /
 71904 QUAGTAC, QUE. . X X . X X X X H12-21 /
 94234 DALY WATERS 23 . . . 11 . . . /
 06210 VALKENBURG . . . X X X X X /
 07255 BOURGES . . X X X X X . /

2. WMO Catalogue of Radiosondes in use by Members

40706 TABRIZ	(1) L2	(2) 0,0	(3) 2,2,2,2,*	(4) NO
40800 ESFAHAN	(1) L2	(2) 0,*	(3) 2,2,2,2,*	(4) NO
40841 KERMAN	(1) L2	(2) 0,*	(3) 2,2,2,2,*	(4) NO
40848 SHIRAZ	(1) L2	(2) 0,*	(3) 2,2,2,2,*	(4) NO
60155 CASABLANCA	(1) H1	(2) *,0	(3) 2,2,2,1,*	(4) NO
60250 ACADIR	(1) L	(2) 0,*	(3) 2,2,2,1,*	(4) NO
83650 TRINDADE (ILHA)	(1) L5	(2) *,0		

3. Automatic marine stations

The following drifting buoys have been deployed as a co-operative project between the Polar Science Center in Canada, the Norwegian Polar Research Institute and the Norwegian Meteorological Institute:

- WMO drifting buoy st. no. 63517 (Argos ID 03816) deployed 25 April 1982 in position 84°N 50.2°E
- WMO drifting buoy st. no. 64513 (Argos ID 03817) deployed 25 April 1982 in position 84°N 20.3°W
- WMO drifting buoy st. no. 63518 (Argos ID 03815) deployed 9 May 1982 in position 82.6°N 06.9°E

Reports in DRIBU code from the above drifting buoys are being inserted in the GTS by RTH Paris in bulletin SSVX10 LFPW 19040 DRIBU.

D. Information on operational status of space sub-system

The new schedule SP206M01 for METEOSAT image dissemination came into force on 1 June 1982.

UHLY1	HLLT	(30470)	12	62002	62007	62016	62019	62055	62056
				62059	62063	62120	62131	62161	62176
				62259	/				
UGLY20	HLLT	(30460)	00	62002	62007	62016	62019	62055	62056
				62059	62063	62103	63120	62124	62131
				62161	62176	62259	62271	/	
UGLY20	HLLT	(30460)	12	62002	62007	62016	62019	62055	62056
				62059	62063	62120	62131	62161	62176
				62259	/				
UQLY20	HLLT	(30471)	00	62002	62007	62016	62019	62055	62056
				62059	62063	62103	63120	62124	62131
				62161	62176	62259	62271	/	
UQLY20	HLLT	(30471)	12	62002	62007	62016	62019	62055	62056
				62059	62063	62120	62131	62161	62176
				62259	/				

(v) Add station index number 43181 to the following bulletins:

USIN2	DEMS	(32301),	UKIN2	DEMS	(32311),
ULIN2	DEMS	(32321),	UEIN2	DEMS	(32331) /

(vi) Add station index numbers 43014, 43041, 43311 to the following bulletins:

UPIN2	DEMS	(32351) at 18 GMT,	UHIN2	DEMS	(32371) at 18 GMT,
UGIN21	DEMS	(32361) at 18 GMT,	UQIN21	DEMS	(32374) at 18 GMT /

(vii) Delete station index number 43181 from the following bulletins:

UPIN1	DEMS	(32350),	UHIN1	DEMS	(32370),
UGIN20	DEMS	(32360),	UQIN20	DEMS	(32373) /

(viii) Delete station index numbers 43014, 43041, 43311 from the following bulletins:

UPIN40	DEMS	(32353) at 00,12 GMT and at 18 GMT
UHIN40	DEMS	(32376) at 00,12 GMT and at 18 GMT
UGIN40	DEMS	(32363) at 00,12 GMT and at 18 GMT
UQIN40	DEMS	(32377) at 00,12 GMT and at 18 GMT /

(ix) Modify the time group (GG) of the bulletin SMIN5 DEMS (12304) 00,06, 12,18 as follows:

SMIN5	DEMS	(12304)	00,06,12	43086	43128	43149	43185	43189
				43198	43201	43213	43233	43237
				43245	43279	43284	43295	43314
				43321	43329	43344	43353	43369
				43371	/			

SMIN5	DEMS	(12304)	18	43086	43128	43185	43189	43198
				43201	43213	43233	43237	43245
				43279	43284	43295	43314	43321
				43329	43344	43353	43369	43371 /

(x) Modify the time group (GG) of the bulletin SIIN24 DEMS (22314) 03,09, 15,21 as follows:

SIIN24	DEMS	(22314)	03,09	43086	43128	43149	43185	43189
				43198	43201	43213	43233	43237
				43245	43279	43284	43295	43314
				43321	43329	43344	43353	43369
				43371	/			

SIIN24 DEMS (22314) 15,21 43086 43128 43185 43189 43198
43201 43213 43233 43237 43245
43279 43284 43295 43314 43321
43329 43344 43353 43369 43371 /

2. Transmission schedules (Publication No. 9, Volume C, Chapter II)

2.3. Changes in schedules/technical specifications

(i) Changes in schedules:

III-iii BUENOS AIRES radio-facsimile broadcast effective 1.3.82 /
V-ii MELBOURNE RTT broadcast effective 1.6.82 /
VI-iii PARIS-CPZ and PARIS-NATIONAL radio-facsimile broadcasts
effective 20.5.82 replace chart FSNT LFPW 98422 0000 PREISO
(H+30) transmitted at 0930 by chart FSNT LFPW 98422 0600
PREISO (H+24) transmitted at 1050 /

(ii) Changes in technical specifications:

III-ii BUENOS AIRES RTT broadcasts effective 1.3.82 delete
(LWB) 8984 kHz and (LWB) 12160 kHz /

3. Regional telecommunication networks

Region I

Malawi: NMC functions have been transferred from BLANTYRE/Chileka (FWCL) to LILONGWE/Kamuzu International Airport (FWKI).
