

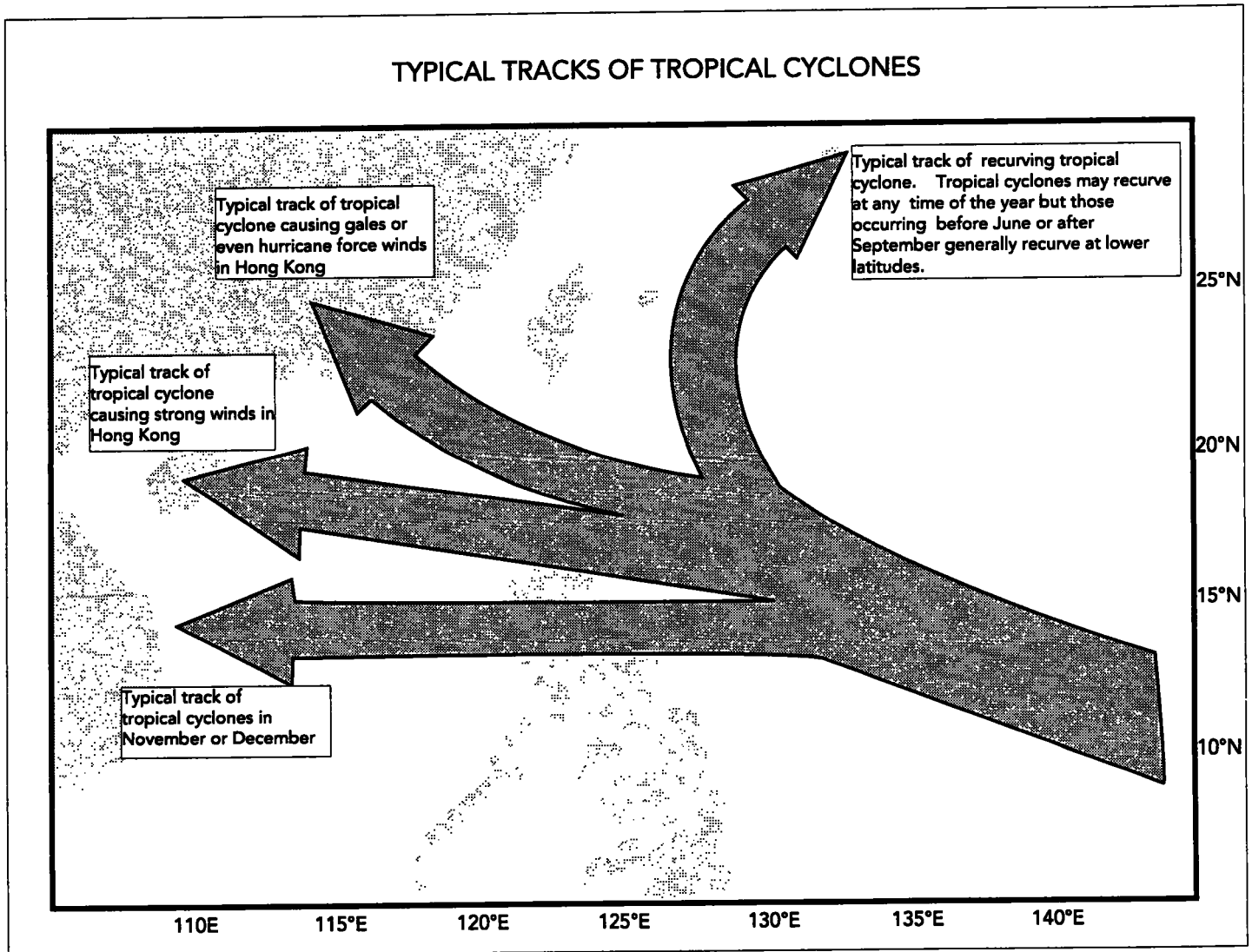
OPERATIONAL NEWSLETTER



OPERATION OF THE WORLD WEATHER WATCH AND MARINE METEOROLOGICAL SERVICES

Volume 1993 — No. 8

TYPICAL TRACKS OF TROPICAL CYCLONES



Cover picture: Typical tracks of tropical cyclones.

Hong Kong Royal Observatory — "*Typhoon*"

The WMO Secretariat would like to express its appreciation to all those who have contributed material to the OPERATIONAL NEWSLETTER.

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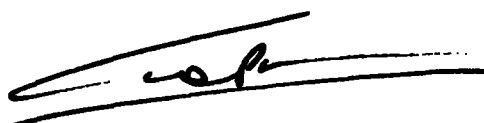
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FOREWORD

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.

The CBS Advisory Working Group recommended that a special table should be added to the "OPERATIONAL NEWSLETTER" to report changes of the present status of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations. You will note, therefore, that an item, 'Feed-back from Members to the Secretariat on any changes in the observing network' has been added to Annex I - Global Observing System.

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

C. INFORMATION ON 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 Obs. S	Upper-air				Remarks
				HP	H/HA		00	03	06	09	12	15	18	21		00	06	12	18	
26518	Laukuva	55° 37' N	22° 14' E	166	165		x	x	x	x	x	x	x	x						
26529	Panevezys	55° 45' N	24° 23' E	59	57		x	x	x	x	x	x	x	x						
26600	Silute	55° 21' N	21° 28' E	6	4		x	x	x	x	x	x	x	x						
26621	Raseiniai	55° 23' N	23° 07' E	111	111		x	x	x	x	x	x	x	x						
26713	Kybartai	54° 38' N	22° 47' E	59	58		x	x	x	x	x	x	x	x						
26737	Varena	54° 15' N	24° 33' E	111	109		x	x	x	x	x	x	x	x						
78703	Roatan	16° 19' N	86° 31' W	2	-		x	.	.	.	x	x	x	x	H12-24					
87470	El Trebol	32° 30' S	61° 40' W	96	-		x	.	.	.	x	x	x	x						

4. Automatic marine stations

4.1 Canada

Data from moored and drifting buoys are collected via geostationary and polar orbiting satellites respectively. Meteorological reports from moored buoys using FM 13-IX SHIP code are distributed on the GTS from the Direct Readout Station located in Vancouver, B.C. Reports from drifting buoys are received at the ARGOS Local User Terminals in Edmonton and Toronto and distributed on the GTS using the FM 18-IX DRIFTER code.

Legend - Observed or technical parameters

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

4.1.1 Moored Buoys

• North-east Pacific Ocean:

WMO buoy Identifier	ARGOS Identifier	Position: 7 July 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
46004	07180	50°58'N	135°48'W	X	X	X	X	X	X	X	X	.
46145	08676	54°23'N	132°26'W	X	X	X	X	X	X	X	X	.
46146	07191	49°20'N	123°44'W	X	X	X	X	X	X	X	X	.
46181	07185	53°50'N	128°50'W	X	X	X	X	X	X	X	X	.
46183	07192	53°37'N	131°06'W	X	X	X	X	X	X	X	X	.
46184	07182	53°54'N	138°52'W	X	X	X	X	X	X	X	X	.
46185	07187	52°25'N	129°48'W	X	X	X	X	X	X	X	X	.
46204	07195	51°23'N	128°45'W	X	X	X	X	X	X	X	X	.
46205	07196	54°10'N	134°20'W	X	X	X	X	X	X	X	X	.
46206	07193	48°50'N	126°00'W	X	X	X	X	X	X	X	X	.
46207	08677	50°52'N	129°55'W	X	X	X	X	X	X	X	X	.
46208	07194	52°30'N	132°42'W	X	X	X	X	X	X	X	X	.
46036	05324	48°21'N	133°55'W	X	X	X	X	X	X	X	X	.
46131	08678	49°54'N	124°59'W	X	X	X	X	X	X	X	X	.

4. Automatic marine stations / 4.1 Canada / 4.1.1 Moored Buoys (continued)

• North-west Atlantic Ocean:

WMO buoy Identifier	ARGOS Identifier	Position: 7 July 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
44131	03479	45°51'N	60°49'W	X	X	X	X	X	X	X	X	.
44137	05579	41°13'N	61°21'W	X	X	X	X	X	X	X	X	.
44138	05577	44°14'N	53°38'W	X	X	X	X	X	X	X	X	.
44139	03448	44°19'N	57°21'W	X	X	X	X	X	X	X	X	.
44140*	05576	.	.	.	.	X	X	X	X	X	X	.
44141	03449	42°04'N	56°09'W	X	X	X	X	X	X	X	X	.
44142	05578	42°28'N	64°15'W	.	X	X	X	X	X	X	X	.

• Great Lakes:

WMO buoy Identifier	ARGOS Identifier	Position: 7 July 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
45132	N/A	42°29'N	81°13'W	X	X	X	X	X	X	X	X	.
45135	N/A	43°47'N	76°52'W	X	X	X	X	X	X	X	X	.
45136	03477	48°32'N	86°57'W	X	X	X	X	X	X	X	X	.
45137	N/A	45°33'N	81°01'W	X	X	X	X	X	X	X	X	.
45138	08249	49°33'N	65°45'W	X	X	X	X	X	X	X	X	.
45139	N/A	43°16'N	79°33'W	X	X	X	X	X	X	X	X	.
45141	N/A	61°11'N	115°19'W	X	X	X	X	X	X	X	X	.

4.1.2 Drifting Buoys

• North-east Pacific Ocean:

WMO buoy Identifier	ARGOS Identifier	Position: 8 July 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
46631	12510	52°48'N	163°18'W	.	X	X	X	X	.	.	.	X
46633	12512	49°12'N	142°54'W	.	X	X	X	X	.	.	.	X
46634	12512	45°48'N	160°18'W	.	.	X	X	X	.	.	.	X
46637	12516	45°36'N	166°12'W	.	X	X	X	X	.	.	.	X
46642	12521	49°24'N	151°48'W	.	.	X	X	X	.	.	.	X
46658	06267	52°36'N	141°00'W	.	X	X	X	X	.	.	.	X
46659	06268	54°54'N	155°24'W	.	X	X	X	X	.	.	.	X
46682	07136	42°54'N	129°42'W	.	X	X	X	X	.	.	.	X
46684**	07137	.	.	.	.	.	.	.	.	.	.	.
46704	07128	26°18'N	137°48'W	.	X	X	X	X	.	.	.	X

• Arctic Icepack:

WMO buoy Identifier	ARGOS Identifier	Position: 21 July 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
47532	05313	81°24'N	104°00'W	.	X	X	.	.	.	.	.	.
48521	1108	79°06'N	119°36'W	.	X	X	.	.	.	.	.	.
48522	5316	73°54'N	144°12'W	.	X	X	.	.	.	.	.	.
48526	05314	76°42'N	148°24'W	.	X	X	.	.	.	.	.	.
48567	01837	78°18'N	163°12'W	.	.	X	.	.	.	.	.	.
48568	07100	77°18'N	158°30'W	.	.	X	.	.	.	.	.	.

* Buoy adrift
** Buoy aground

4. Automatic marine stations (continued)

4.2 United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the August 1993 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.

Legend - Observed or technical parameters

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

4.2.1 Moored Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 12-19 August 1993		Observed or technical parameters									
		Latitude	Longitude	1	2	3	4	5	6	7	8		
32302		18.0 S	85.1 W	X	X	X		X	X	X			
41001**		34.7 N	72.7 W	X	X	X		X	X	X			
41002**		32.3 N	75.2 W	.	.	.		.	.	.
41004**		32.5 N	79.1 W	X	X	X		X	X	X			
41006**		29.3 N	77.4 W	X	X	X		X	X	X			
41009		28.5 N	80.2 W	X	X	X		X	X	X			
41010		28.9 N	78.5 W	X	X	X		X	X	X			
41016		24.6 N	76.5 W	X	X	X		X	X	X			
42001**		25.9 N	89.7 W	X	X	X		X	X	X			
42002**		25.9 N	93.6 W	X	X	X		X	X	X			
42003**		25.9 N	85.9 W	X	X	X		X	X	X			
42007		30.1 N	88.8 W	X	X	X		X	.	.			
42019		27.9 N	95.0 W	X	X	X		X	X	X			
42020		27.0 N	96.5 W	X	X	X		X	X	X			
42025		24.9 N	80.4 W	.	X	.		X	X	X			
42035		29.2 N	94.4 W	.	.	.		.	.	.
44004**		38.5 N	70.7 W	X	X	X		X	X	X			
44005**		42.6 N	68.6 W	X	X	X		X	X	X			
44007		43.5 N	70.1 W	X	X	X		X	X	X			
44008		40.5 N	69.4 W	X	X	X		X	X	X			
44009		38.5 N	74.7 W	X	X	X		X	X	X			
44011**		41.1 N	66.6 W	X	X	X		X	X	X			
44013		42.4 N	70.8 W	X	X	X		X	X	X			
44014		36.6 N	74.8 W	X	X	X		X	X	X			
44025		40.3 N	73.2 W	X	X	X		X	X	X			
45001**		48.0 N	87.8 W	X	X	X		X	X	X			
45002**		45.3 N	86.4 W	X	X	X		X	X	X			
45003**		45.3 N	82.7 W	X	X	X		X	X	X			

* Sensor/system failure

** Primarily for National Weather Service (NWS) support; however, all stations report data to NWS

4. Automatic marine stations / 4.2 United States of America (continued)

4.2.1 Moored Buoys (continued)

WMO buoy Identifier	ARGOS Identifier	Position: 12-19 August 1993		Observed or technical parameters									
		Latitude	Longitude	1	2	3	4	5	6	7	8		
45004**		47.5 N	86.5 W	X	X	X		X	X	X			
45005**		41.7 N	82.4 W	X	X	X		X	X	X			
45006**		47.3 N	89.9 W	X	X	X		X	X	X			
45007**		42.7 N	87.1 W	X	X	X		X	X	X			
45008**		44.3 N	82.4 W	X	X	X		X	X	X			
45010		43.0 N	87.8 W	X	X	*		X	X	X			
46001**		56.3 N	148.2 W	X	X	X		X	X	X			
46002**		42.5 N	130.3 W	X	X	X		X	X	X			
46003**		51.9 N	155.9 W	X	X	X		X	X	X			
46005**		46.1 N	131.0 W	X	X	X		X	X	X			
46006**		40.9 N	137.5 W	X	X	X		X	X	X			
46012		37.4 N	122.7 W	X	X	X		X	X	X			
46013		38.2 N	123.3 W	X	X	X		X	X	X			
46014		39.2 N	124.0 W	X	X	X		X	X	X			
46022		40.7 N	124.5 W	X	X	X		X	X	X			
46023		34.3 N	120.7 W	X	X	X		X	X	X			
46025		33.7 N	119.1 W	X	X	X		X	X	X			
46026		37.7 N	122.7 W	X	X	X		X	X	X			
46027		41.8 N	124.4 W	*	*	*		*	*	*			
46028		35.8 N	121.9 W	X	X	X		X	X	X			
46029		46.2 N	124.2 W	X	X	X		X	X	X			
46030		40.4 N	124.5 W	X	X	X		X	X	X			
46035		57.0 N	177.7 W	X	X	X		X	X	X			
46041		47.4 N	124.5 W	X	X	X		X	X	X			
46042		36.8 N	122.4 W	X	X	X		*	X	X			
46045		33.8 N	118.4 W	X	X	X		X	X	X			
46050		44.6 N	124.5 W	X	X	X		X	X	X			
46051		34.5 N	120.7 W	*	*	*		*	*	*			
46053		34.2 N	119.8 W	X	X	X		X	X	X			
51001		23.4 N	162.3 W	X	X	X		X	X	X			
51002		17.2 N	157.8 W	X	X	X		X	X	X			
51003		19.2 N	160.8 W	X	X	X		X	X	X			
51004		17.4 N	152.5 W	X	X	X		X	X	X			
51026		21.4 N	157.0 W	X	X	X		X	X	X			
52009		13.7 N	144.7 E	X	*	X		X	X	X			

* Sensor/system failure

** Primarily for National Weather Service (NWS) support; however, all stations report data to NWS

4. Automatic marine stations / 4.2 United States of America (continued)

4.2.2 Drifting Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 14-19 August 1993		Observed or technical parameters									
		Latitude	Longitude	1	2	3	4	5	6	7	8		
16810	12309	59°S	164°W	.	X	*	X	.	.	.	.	.	.
17815	1965	53°S	040°E	.	X	X	X	.	.	.	.	.	.
32811	17170	38°S	107°W	.	*	X	X	.	.	.	.	.	.
32812	17171	20°S	100°W	.	X	X	X	.	.	.	.	.	.
32813	17172	29°S	100°W	.	X	X	X	.	.	.	.	.	.
32814	17161	33°S	112°W	.	X	X	X	.	.	.	.	.	.
33831	1967	29°S	032°E	.	X	X	*	.	.	.	.	.	.
33833	1974	33°S	021°W	.	X	X	X	.	.	.	.	.	.
33834	1979	32°S	009°W	.	X	X	X	.	.	.	.	.	.
33838	17163	34°S	024°W	.	*	X	X	.	.	.	.	.	.
33839	17164	36°S	046°W	.	X	X	X	.	.	.	.	.	.
33840	17165	44°S	043°W	.	*	X	X	.	.	.	.	.	.
33841	17166	39°S	031°W	.	X	X	X	.	.	.	.	.	.
33842	17167	51°S	032°W	.	X	X	X	.	.	.	.	.	.
53823	5131	08°S	114°E	.	*	X	.	.	.	.	.	.	.
53824	1989	15°S	114°E	.	X	X	X	.	.	.	.	.	.
54801	1973	29°S	145°W	.	X	X	X	.	.	.	.	.	.
54802	1993	32°S	135°W	.	X	X	X	.	.	.	.	.	.
54804	1970	38°S	132°W	.	X	X	X	.	.	.	.	.	.
54844	17168	34°S	127°W	.	X	X	X	.	.	.	.	.	.
54846	1969	53°S	085°W	.	X	X	X	.	.	.	.	.	.
56801	5130	28°S	050°E	.	X	X	X	.	.	.	.	.	.
56802	5119	07°S	070°E	.	X	X	X	.	.	.	.	.	.
56803	1994	20°S	075°E	.	X	X	X	.	.	.	.	.	.

5. ARGOS Service

5.1 ARGOS monthly status report

Date of statistics computation : 2 August 1993

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

Drifting Buoy	:	1088
Boat(<20knots)	:	0
Marine Station	:	6
Moored Buoy	:	284
Terrestrial Animal	:	139
Marine Animal	:	81
Balloons	:	6
Birds	:	72
Fixed Station	:	401
TOTAL :		2077

* Sensor/system failure

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

- 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:

Drifting Buoys	:	100
Fixed Stations	:	9
Marine Stations	:	4
Moored Buoys	:	2
Synoptic PTT	:	1

Transmission to NWS Washington:

Drifting Buoys	:	482
Fixed Stations	:	3
High Speed	:	5
Moored Buoys	:	55

- List of platforms reporting through ARGOS and distributed over the GTS:

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NB MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
Australia	23066	06151	D	33	1	Y
	52621	02937	D	272	19	Y
	55513	00421	D	371	13	Y
	55515	00415	D	308	3	Y
	55516	00417	D	62	12	Y
	55517	00413	D	300	2	Y
	55520	03042	D	348	36	Y
	56003	03101	D	432	49	Y
	56504	08036	D	321	24	Y
	56506	04875	D	252	41	Y
	56507	04876	D	376	21	Y
	56509	02938	D	448	28	Y
	56510	02939	D	593	26	Y
	56511	02942	D	461	58	Y
	56512	02944	D	294	16	Y
	56513	04878	D	95	6	Y
	HPEW*	04703	B			
	ELIS8*	04705	B			
	ZDAZ6*	04714	B			
	ELIL9*	04719	B			
	FNWC*	04722	B			
	P3LK3*	04726	B			
	FHQB*	04734	B			
	FWQP*	08746	B			
	ELEH4*	08747	B			
	FNDK*	08748	B			
	DIDA*	08749	B			

* PTT's transmitting at irregular intervals

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
Canada	21551	01333	D	304	21	Y
	42606	07183		0	1109	Y
	44137	05579		0	582	Y
	44138	05577		0	677	Y
	44139	03448		0	666	Y
	44140	05576		0	21	Y
	44141	03449		0	665	Y
	44142	05578		0	624	Y
	46004	07180		0	965	Y
	46036	05324		0	907	Y
	46205	07196		0	818	Y
	46207	07187		0	860	Y
	46208	07186		0	1108	Y
	Finland	71091	05895	D	745	126	Y
89014		01384	S	236	344	Y
France	52576	17623	D	11	8	Y
	52577	17624	D	35	96	Y
	52580	17619	D	102	56	Y
	52581	17620	D	43	89	Y
	52584	17626	D	138	44	Y
	52889	02678	D	70	57	Y
	52890	02679	D	82	52	Y
	62516	10107	D	430	102	Y
	62517	10108	D	428	139	Y
	62518	10113	D	454	72	Y
	VJDI*	09188	B			
	GYSA*	09189	B			
	9VUU*	09190	B			
	9VWM*	09191	B			
	VJBQ*	09192	B			
	S6FK*	09193	B			
	9VBZ*	09194	B			
	VJDP*	09198	B			
	GYSE*	09199	B			
	Germany	63161	03314	D	124	784	Y
63662		09360	D	872	372	Y
63663		09372	D	903	394	Y
71042		03317	D	755	111	Y
71524		03315	D	463	3	Y
71551		09357	D	667	15	Y
71552		09358	D	551	43	Y
71554		09366	D	480	95	Y
71556		09368	D	492	61	Y
71557		09369	D	552	54	Y

* PTT's transmitting at irregular intervals

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS:code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS	
Italy	63904	15919	D	318	102	Y	
	63906	15906	D	266	103	Y	
	63907	15917	D	528	88	Y	
	63909	05589	D	256	114	Y	
	63911	02464	D	288	104	Y	
	64146	15911	D	401	27	Y	
	64149	15916	D	289	64	Y	
	64629	15902	D	406	26	Y	
	64631	15904	D	406	26	Y	
	64634	15912	D	300	31	Y	
	64635	15915	D	350	123	Y	
	64638	15893	D	414	29	Y	
	64639	15895	D	161	35	Y	
	64642	15899	D	347	60	Y	
	64645	15909	D	198	72	Y	
	64648	15914	D	185	61	Y	
	64652	15921	D	378	100	Y	
	64922	15925	D	261	23	Y	
	64924	02467	D	131	117	N	
	64925	05583	D	84	223	Y	
	64926	05588	D	27	98	Y	
	64927	05585	D	10	12	Y	
	Japan	21512	03297	D	22	44	Y
		52541	03295	D	193	48	Y
		52542	03296	D	186	40	Y
	Netherlands	65596	04271	D	956	0	Y
	Norway	25011	03690	D	1130	207	Y
25012		03691	D	1185	260	Y	
25561		01556	D	1330	216	Y	
26531		01791	D	1233	280	Y	
26532		01790	D	1000	321	Y	
44766		03675	D	37	10	Y	
63006		09400	D	872	566	Y	
65562		04272	D	239	113	Y	
65591		06666		0	377	N	
65597		04270	D	1533	391	Y	
71003		09498	D	676	184	Y	
71004		09499		0	881	N	
74002		09497	D	595	85	Y	

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ F=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS	
New Zealand	55571	08587	D	338	42	Y	
	55578	06437	D	337	14	Y	
	55580	06439	D	11	1	N	
	55583	07179	D	359	21	Y	
	55585	07177	D	254	21	Y	
	55588	08585	D	324	64	Y	
	55589	08586	D	265	23	Y	
	South Africa**	17549	00945	D	291	32	Y
		17550	00946	D	137	29	Y
17554		00955	D	492	67	Y	
17557		00948	D	277	37	Y	
17558		00959	D	104	5	Y	
17560		00963	D	311	30	Y	
33021		09222	D	669	7	Y	
United Kingdom		25013	04065	D	1138	271	Y
		25562	01639	D	760	251	Y
	44762	01253	D	402	1	Y	
	44765	01255	D	350	159	Y	
	44770	06287	D	928	43	Y	
	44772	02960	D	991	0	Y	
	44773	04624	D	832	0	Y	
	44774	02961	D	781	0	Y	
	44775	02962	D	624	0	Y	
	44777	01257	D	15	707	Y	
	44778	01259	D	0	327	Y	
	44779	01260	D	0	273	Y	
	44780	04629	D	251	44	Y	
	62601	08336	D	427	77	Y	
	62694	02958	D	552	0	Y	
	62712	01247	D	18	932	Y	
	62713	01363	D	370	93	Y	
	62714	01364	D	296	181	Y	
	62802	04627	D	775	205	Y	
	62805	06285	D	297	222	Y	
	64043	06270	D	0	31	Y	
	United States of America	12503	03754	D	3	112	Y
		12508	03951	D	230	45	Y
13901		16271	D	129	27	Y	
13902		14456	D	70	23	Y	

** The Government of the Republic of South Africa has been suspended by Resolution 38 (Cg-VII) from exercising its rights and enjoying its privileges as a Member of WMO

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NB. MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	13903	01763	D	158	27	Y
	13904	14445	D	148	24	Y
	13905	14447	D	131	30	Y
	13906	05919	D	137	32	Y
	13907	14461	D	139	26	Y
	13908	16276	D	143	25	Y
	13909	08598	D	170	15	Y
	13910	14464	D	167	17	Y
	13911	14448	D	150	30	Y
	13912	14439	D	148	20	Y
	13913	14450	D	153	18	Y
	13914	14452	D	155	22	Y
	13915	14453	D	161	8	Y
	13916	16282	D	144	21	Y
	13917	02072	D	51	29	Y
	13918	00462	D	97	6	Y
	13919	14442	D	159	17	Y
	13922	02005	D	150	17	Y
	13923	02006	D	144	21	Y
	13924	14436	D	153	18	Y
	13925	14438	D	164	11	Y
	13926	02070	D	136	23	Y
	16810	12309	D	621	28	Y
	17812	01981		0	7	Y
	17814	01968	D	95	24	Y
	17815	01965	D	510	50	Y
	17817	01986	D	150	11	Y
	21524	15329	D	140	45	Y
	21526	01535	D	489	181	Y
	21527	15331	D	304	69	Y
	21529	06814	D	360	39	Y
	21530	05108	D	62	11	Y
	21534	05254	D	122	74	Y
	21572	01151	D	467	135	Y
	21576	15326		0	3	Y
	21901	15537	D	183	31	Y
	21902	15536	D	107	32	Y
	21904	14981	D	202	40	Y
	21910	16192	D	150	52	Y
	21911	16194	D	205	31	Y
21912	16213	D	17	95	Y	
21913	16214	D	232	28	Y	
21915	15574	D	157	43	Y	
21918	16210	D	282	25	Y	

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	21920	15583	D	161	53	Y
	21921	15584		0	5	N
	21923	14980	D	128	40	Y
	21924	15585	D	206	44	Y
	21925	02399	D	173	43	Y
	21926	15587	D	20	78	Y
	21927	16209	D	262	20	Y
	21928	16257	D	168	33	Y
	21929	01780	D	107	10	Y
	21930	02396	D	102	12	Y
	21931	02875	D	175	28	Y
	21932	02075	D	105	10	Y
	21933	15588	D	135	24	Y
	21934	15591	D	129	40	Y
	21937	15576	D	47	21	N
	21938	02873	D	151	37	Y
	21939	02878	D	151	34	Y
	21940	02883	D	138	42	Y
	21941	08873	D	141	52	Y
	22518	05258	D	34	85	Y
	22901	14976	D	55	1	N
	22902	14977	D	95	6	Y
	23507	16350	D	268	17	Y
	23508	16372	D	154	23	Y
	23511	05399	D	182	18	Y
	23512	05401	D	226	16	Y
	23513	05402	D	208	25	Y
	23514	05403	D	37	22	Y
	25537	08354	D	742	41	N
	25538	08356	D	783	43	Y
	25539	08357	D	799	99	Y
	25540	08358	D	445	112	Y
	25541	08363	D	861	87	Y
	32513	11917	D	45	15	Y
	32514	11948	D	25	36	Y
	32515	15648	D	82	9	Y
	32516	11927	D	166	56	Y
	32517	15093	D	108	9	Y
	32518	15091	D	96	16	Y
	32520	15649	D	97	6	Y
	32522	15598	D	91	17	Y
	32523	16254	D	92	8	Y
	32524	15695	D	95	6	Y
	32525	11953	D	14	36	Y
	32526	15696	D	1	5	Y
	32527	02398	D	84	7	Y
	32528	03048	D	95	7	Y
	32529	15028	D	92	9	Y

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	32531	00153	D	28	63	N
	32532	00473	D	70	10	Y
	32533	15017	D	99	20	Y
	32534	15018	D	86	11	Y
	32535	15025	D	86	8	Y
	32536	15026	D	72	16	Y
	32537	03225	D	60	15	Y
	32538	15602	D	102	5	Y
	32539	02884	D	68	16	Y
	32540	08879	D	79	11	Y
	32541	15595	D	89	4	Y
	32542	15596	D	88	4	Y
	32543	03567	D	66	17	Y
	32544	05912	D	86	9	Y
	32545	15679	D	96	7	Y
	32546	02885	D	83	7	Y
	32547	15597	D	96	6	Y
	32548	15599	D	98	6	Y
	32550	04200	D	28	56	Y
	32551	15600	D	90	5	Y
	32552	11195	D	79	25	Y
	32553	15603	D	93	6	Y
	32554	04201	D	41	30	Y
	32555	15625	D	86	12	Y
	32556	11934	D	34	21	Y
	32557	15626	D	99	7	Y
	32558	09276	D	104	3	Y
	32559	15627	D	96	9	Y
	32560	03252	D	84	12	Y
	32801	08874	D	67	8	Y
	32802	16278	D	85	10	Y
	32803	16284	D	90	10	Y
	32804	02899	D	90	8	Y
	32805	16261	D	79	6	Y
	32806	00154	D	59	22	Y
	32811	17170	D	59	1	Y
	32812	17171	D	45	2	Y
	32813	17172	D	51	4	Y
	32814	17161	D	53	1	Y
	32866	02400	D	63	12	Y
	32867	02872	D	74	12	Y
	32868	02896	D	79	5	Y
	32869	16252	D	66	10	Y
	32870	16259	D	26	4	N
	32901	03565	D	77	4	Y
	32902	15045	D	93	11	Y
	32903	15050	D	95	7	Y
32904	15128	D	101	5	Y	

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NB. MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	32905	15684	D	79	3	Y
	32906	15685	D	96	6	Y
	32907	03044	D	89	6	Y
	32908	15687	D	83	13	Y
	32909	04204	D	61	27	Y
	32910	15540	D	100	4	Y
	32911	15541	D	82	11	Y
	32912	15542	D	103	2	Y
	32913	15546	D	74	7	Y
	32914	03568	D	75	23	Y
	32915	15048	D	88	9	Y
	32916	15545	D	96	10	Y
	32917	00474	D	72	13	Y
	32918	00483	D	83	12	Y
	32919	16272	D	75	11	Y
	32920	16275	D	72	15	Y
	33831	01967	D	264	25	Y
	33833	01974	D	290	55	Y
	33834	01979	D	285	25	Y
	33835	01987	D	290	44	Y
	33838	17163	D	327	21	Y
	33839	17164	D	370	24	Y
	33840	17165	D	392	35	Y
	33841	17166	D	353	30	Y
	33842	17167	D	413	47	Y
	34901	15123	D	83	16	Y
	34902	15125	D	71	16	Y
	41501	03955	D	394	96	Y
	41502	03956	D	385	88	Y
	41504	03957	D	156	93	Y
	41521	05094	D	471	48	Y
	41522	01125	D	503	49	Y
	41523	01128	D	415	77	Y
	41524	05095	D	96	14	Y
	41525	00942	DS	1171	54	Y
	41901	12326	D	66	50	Y
	41902	08594	D	97	31	Y
	41904	08599	D	136	25	Y
	41906	12333	D	142	19	Y
	41907	12329	D	141	18	Y
	41908	12339	D	144	18	Y
	41909	00130	D	145	24	Y
	41910	12324	D	146	23	Y
	41911	12325	D	148	24	Y
	41912	02008	D	176	13	Y
	41913	12330	D	145	19	Y
	41914	12334	D	127	32	Y
41915	12328	D	128	30	Y	

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	41916	12327	D	144	18	Y
	41917	12337	D	144	16	Y
	41918	12338	D	134	26	Y
	41920	00464	D	80	13	Y
	41921	03045	D	164	13	Y
	41922	00468	D	135	24	Y
	41923	00482	D	162	12	Y
	41924	00484	D	136	27	Y
	41925	00465	D	87	17	Y
	41926	16266	D	42	5	Y
	42026	00937	D	221	133	Y
	42027	00930	D	256	139	Y
	42028	00931	D	219	150	Y
	42030	00932	D	132	59	Y
	42501	06934	D	462	27	Y
	42502	06935	D	42	178	Y
	42503	06937	D	199	118	Y
	42504	06938	D	349	36	Y
	42505	06939	D	28	135	Y
	42506	17175	D	200	30	N
	42507	17176	D	272	26	N
	42508	17174	D	169	16	N
	42509	02448	D	169	174	Y
	43501	00451	D	99	37	Y
	43504	11198	D	55	14	Y
	43505	15657	D	120	31	Y
	43508	15008	D	116	21	Y
	43801	16287	D	51	35	Y
	44501	02607	D	669	69	Y
	44502	02587	D	447	124	Y
	44503	02576	D	457	124	Y
	44510	02585	D	741	62	Y
	44511	02580	D	392	193	Y
	44512	02584	D	397	173	Y
	44901	00486	D	152	16	Y
	44903	00156	D	182	28	Y
	44904	00157	D	135	31	Y
	44905	12335	D	135	24	Y
	44906	12332	D	147	28	Y
	44907	00475	D	139	29	Y
	44908	01867	D	160	14	Y
	44909	00155	D	40	6	Y
	44910	16219	D	24	3	Y
	45136	03477		0	1	Y
	46508	01146	D	520	229	Y
	46509	04649	D	555	194	Y
	46510	01130	D	9	0	Y
	46512	01148	D	31	6	Y

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	46519	15338	D	476	139	Y
	46521	15351	D	597	125	Y
	46535	02009	D	31	90	Y
	46536	15609	D	75	26	Y
	46537	15612	D	122	17	Y
	46538	15579	D	124	66	Y
	46539	15622	D	166	42	Y
	46540	15577	D	111	69	Y
	46545	15589	D	185	41	Y
	46548	15580	D	185	46	Y
	46549	15076	D	126	27	Y
	46901	15655	D	73	51	Y
	46903	15566	D	131	51	Y
	46904	15573	D	251	21	Y
	46906	15582	D	161	41	Y
	46907	15578	D	148	50	Y
	46908	02889	D	106	61	Y
	46909	01766	D	248	51	Y
	46912	17233	D	116	17	Y
	47601	12823	D	833	117	Y
	48518	08361	D	742	39	Y
	48520	12801		0	793	Y
	48557	08364	D	857	105	Y
	48558	12821	D	774	75	Y
	48559	12822	D	786	127	Y
	48561	08365	D	864	89	Y
	48562	12826	D	863	84	Y
	48564	12828	D	858	78	Y
	48565	12829	D	800	109	Y
	51511	03376	D	78	26	Y
	51512	15089	D	107	18	Y
	51514	02433		0	1	N
	51515	14432	D	71	7	Y
	51516	11949	D	60	31	Y
	51518	15077	D	129	40	Y
	51519	02437	D	2	40	Y
	51520	03117	D	22	36	Y
	51801	14433	D	182	42	Y
	51802	02434	D	38	10	Y
	51803	03049	D	163	59	Y
	51804	14434	D	175	38	Y
	51805	01767	D	102	15	Y
	51806	03378	D	67	8	Y
	51807	03379	D	79	8	Y
	51808	02435	D	2	15	Y
	51809	14435	D	158	36	Y
	51810	11956	D	69	39	Y
	51811	15653	D	71	44	Y

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NB. MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	51812	02895	D	114	6	Y
	51814	11946	D	65	19	Y
	51815	03222	D	58	22	Y
	51816	01762	D	103	7	Y
	51817	15617	D	44	57	Y
	51818	03467	D	40	32	Y
	51819	02898	D	85	12	Y
	51820	03468	D	54	28	Y
	51821	02397	D	24	5	Y
	51822	03570	D	63	11	Y
	51823	03223		0	47	Y
	51824	02436	D	53	19	Y
	51825	03569	D	3	2	Y
	51826	03119	D	64	21	Y
	51827	03572	D	52	33	Y
	51828	16279	D	86	9	Y
	51829	01772	D	116	24	Y
	51830	15088	D	117	2	Y
	51831	02074	D	134	61	Y
	51832	11955	D	49	18	Y
	51833	16255	D	29	2	Y
	51835	09271	D	95	5	Y
	51836	09270	D	126	30	Y
	51838	03170		0	5	N
	51840	15090	D	135	41	Y
	51841	11950	D	99	9	Y
	51843	03375	D	71	10	Y
	51847	15027	D	93	4	Y
	51848	15009	D	99	7	Y
	51856	15082	D	103	8	Y
	51861	15099	D	101	5	Y
	51865	15638		0	3	Y
	51866	15644	D	55	75	Y
	51867	15645	D	16	54	Y
	51871	15646	D	87	23	Y
	51878	15072	D	10	32	Y
	51885	15086	D	176	42	Y
	51901	15586	D	165	45	Y
	51902	15671	D	132	9	Y
	51905	15674	D	104	5	Y
52507	15394	D	78	13	Y	
52508	15104	D	56	7	Y	
52510	11939	D	15	58	Y	
52511	16199	D	79	16	Y	
52512	15023	D	94	7	Y	
52513	16226	D	79	15	Y	
52515	16228	D	84	10	Y	
52517	15390	D	92	12	Y	

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NO. MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	52518	15114	D	42	3	N
	52521	04451	D	267	17	Y
	52522	01143	D	267	21	Y
	52523	01144	D	296	33	Y
	52524	01145	D	220	32	Y
	52525	04452	D	251	34	Y
	52526	04453	D	268	18	Y
	52527	04632	D	269	20	Y
	52616	15021	D	89	7	Y
	52801	15035	D	99	8	Y
	52804	16202	D	85	14	Y
	52805	15012	D	97	8	Y
	52806	16229	D	91	19	Y
	52807	16232	D	81	16	Y
	52810	15701	D	177	32	Y
	52812	15126	D	97	6	Y
	52815	15660	D	91	5	Y
	52817	15553	D	67	17	Y
	52818	15670	D	93	9	Y
	52826	15668		0	89	Y
	52827	16200	D	44	55	N
	52828	15669	D	79	9	Y
	52830	16196	D	78	22	Y
	52831	16204	D	88	22	Y
	52833	01215	D	88	14	Y
	52834	16195	D	83	8	Y
	52835	15548	D	114	4	Y
	52836	15549	D	97	5	Y
	52837	16198	D	86	12	Y
	52838	15556	D	106	12	Y
	52839	16203	D	78	10	Y
	52840	03046	D	99	12	Y
	52841	16205	D	95	12	Y
	52842	16253	D	97	3	Y
	52843	15558	D	86	13	Y
	52844	15559	D	58	23	Y
	52845	15561	D	102	10	Y
	52846	15391	D	89	17	Y
	52847	15392	D	87	18	Y
	52848	15560	D	86	9	Y
	52849	16211	D	87	9	Y
	52850	16234	D	81	5	Y
	52851	16238	D	77	12	Y
	52852	16239	D	98	14	Y
	52853	00459	D	81	10	Y
	52854	16235	D	83	15	Y
	52855	16237	D	83	17	Y
	52856	16241	D	83	8	Y

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB. MESS. Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	52858	16243	D	81	10	Y
	52859	16244	D	81	7	Y
	52860	16245	D	88	12	Y
	52861	16246	D	87	14	Y
	52862	16247	D	83	22	Y
	52863	16248	D	72	12	Y
	52864	16249	D	74	17	Y
	52865	16250	D	15	7	N
	52866	16227	D	87	12	Y
	52867	16230	D	90	19	Y
	52868	00460	D	96	15	Y
	52869	16207	D	96	20	Y
	52871	16208	D	73	17	Y
	52873	16231	D	98	14	Y
	53501	05105	D	273	14	Y
	53502	05106	D	52	11	Y
	53823	05131	D	229	20	Y
	53824	01989	D	280	13	Y
	53901	14983	D	87	14	Y
	54801	01973	D	291	32	Y
	54802	01993	D	302	18	Y
	54803	01975	D	272	40	Y
	54804	01970	D	337	15	Y
	54838	08823	D	109	68	Y
	54844	17168	D	53	3	Y
	54846	01969	D	233	121	Y
	54901	15049	D	40	2	N
	54902	15115	D	99	22	Y
	54903	15118	D	103	5	Y
	54904	15020		0	20	N
	54905	15024	D	108	11	Y
	54906	15539	D	97	9	Y
	54908	15129	D	105	7	Y
	54909	15120	D	105	7	Y
	54910	15033	D	97	20	Y
	54911	15036	D	86	7	Y
	54912	15101	D	98	17	Y
	54914	15119	D	96	15	Y
	54915	15678	D	30	14	Y
	54916	15630	D	91	9	Y
	54917	15631	D	98	11	Y
	54918	15632	D	90	11	Y
	54920	03047	D	102	7	Y
	54921	15675	D	2	4	Y
54924	15693	D	89	15	Y	
54925	15694	D	31	58	Y	
54926	15676	D	74	1	Y	
54927	15538	D	94	8	Y	

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NB. MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	54928	15692	D	97	19	Y
	54929	15681	D	107	8	Y
	54930	15690	D	101	21	Y
	54931	15543	D	94	5	Y
	54933	15544	D	100	8	Y
	54934	01768	D	97	5	Y
	55901	15557	D	102	15	Y
	56801	05130	D	280	17	Y
	56802	05119	D	269	4	Y
	56803	01994	D	275	12	Y
	56835	12291	D	239	11	Y
	61525	15354	D	35	5	Y
	61526	16304		0	26	Y
	61527	03749	D	79	139	Y
	61530	03752	D	444	70	Y
	61532	16376	D	191	68	Y
	61534	16362	D	383	130	Y
	61535	15321	D	191	22	Y
	61540	16379		0	1	Y
	62673	01131		0	149	Y
	62901	15569	D	155	22	Y
	62903	15571	D	148	18	Y
	62904	01862	D	261	34	Y
	62905	16218	D	26	7	Y
	62906	02076	D	49	6	Y
	62907	08591	D	150	25	Y
	62908	01868	D	151	22	Y
	62909	01869	D	153	21	Y
	62910	01865	D	173	13	Y
	62926	02078	D	261	31	Y
	62927	02079	D	236	41	Y
	62928	02401	D	162	19	Y
	62929	02892	D	148	24	Y
	62930	02002	D	247	47	Y
	62931	00476	D	320	22	Y
	62933	00456	D	147	30	Y
	62934	00453	D	186	25	Y
	62935	00454	D	191	32	Y
	62936	03280	D	107	30	Y
	62937	03281	D	197	110	Y
	64929	01860	D	307	39	Y
	64930	00455	D	294	41	Y
	64931	00467	D	303	39	Y
	64932	02077	D	318	20	Y

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States of America (continued)	91251	12873		0	325	Y
	91353	12872		0	306	Y
	KOSP2	12891		0	299	Y
			DRIFTER =119651 SYNOP = 801			
TOTAL				120452		

• ATLAS buoys

WMO Identifier	ARGOS Identifier
23001	12522
32315	00994
32316	11117
32317	11118
32318	04592
32319	06518
32320	11121
32321	11120
32322	11119
43001	11116
51006	17636
51008	17646
51009	00989
51010	12526
51011	17647
51014	12527
51015	11114
51016	17648
51017	00992
51018	00991
51019	00786
51020	00988
51021	00993
51022	06460
51023	15811
51301	06380
51302	12523
51303	17635
52304	00789
51305	00788
51306	11115
51307	04595
51308	00990
51309	00792
51310	00790
52001	15813

• ATLAS buoys (continued)

WMO Identifier	ARGOS Identifier
52002	06794
52003	15815
52004	15809
52006	00773
52007	12529
52008	06795
52010	06798
52011	06473
52012	06517
52301	17650
52302	17649
52303	06520
52304	06475
52306	17651
52307	17652
52308	06521
52309	17634
52310	17633
52311	17632
52312	17631
52313	17630
52314	17653

• Other NDBC Buoys on GTS
(processed same way as ATLAS Buoys)

WMO Identifier	ARGOS Identifier
17803	05571
46507	05567
51025	12878
54832	06585
54833	06586
54834	06583
9A222	12879
9A251	12873
9A328	12892
9A353	12872
9A355	12891

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

In view of the difficulties experienced at present 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, the ninth session of the CBS Advisory Working Group recommended that a special table be added to the WWW monthly "OPERATIONAL NEWSLETTER" 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.

The special table, accompanied by explanatory notes (see Appendix, pages 1 and 2) is attached as an appendix to this annex. Members are urged to fill in this appendix, as and when appropriate, and to return it to the Secretariat before the 1st 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)

Global Exchange/Regional Exchange (delete as appropriate)

Country: _____

Station index number	Bulletin identification TTAAiiCCCC	Implementation of observing programme								Alternate observing station	Remarks
		00	03	06	09	12	15	18	21		
1. SYNOP											
1. TEMP											
1. PILOT											

EXPLANATORY NOTES

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

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 given in Attachment I-4 of the Manual on the GTS, Volume I for global exchange and, as applicable, Attachments AF-I, AI-1, SA-1, NA-1, PS-1 and EU-1 of the Manual on the GTS, Volume II for regional exchange.

2. For entries in these tables, the following should be taken into account:
 - (a) In the column "Station index number", the index number (IIiii) of each station should be entered in case of any changes in the observing programmes of the stations;
 - (b) In the column "Bulletin identification", the TTAAii CCCC of the abbreviated heading of the meteorological bulletins which contains reports from the station should be inserted;
 - (c) In the column "Implementation of observing programme", "X" for implementation and "-" for non-implementation should be inserted as appropriate. In order to easily identify changes in the programme, this should be marked in red;
 - (d) In the column "Alternate observing station", the index number (IIii) of an alternate observing station should be inserted in case another station is available with a view to filling gaps which are caused by suspension of observing programmes of the original station;
 - (e) The required information concerning the observing programme of the alternate station should be inserted in the next horizontal line of the original station;
 - (f) In the column "Remarks", reasons of 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.

3. These tables should be sent to the Secretariat before the 1st of the month for inclusion of the changes in the monthly "OPERATIONAL NEWSLETTER", as appropriate.

B. INFORMATION ON THE OPERATIONAL STATUS OF GDPS INCLUDING CHANGES TO WMO PUBLICATION No. 9 - VOLUME B

2. RSMC output products

2.3 Changes to products

- **Notification from the United Kingdom of Great Britain and Northern Ireland**

That the following corrigendum should be made to their contribution of the 1992 "WWW Technical Progress Report on the Global Data-Processing System" WMO/TD No. 495:

- Section 8 - Verification of forecast products (page 234), the last two columns (T+72 and T+120) should be corrected to read 62.5 and 94.2 (instead of 43.8 and 62.5)

Statistic	Parameter	Area	Verif. against	T+24	T+72	T+120
RMS error (m)	Z 500	S Hem	Analyses	24.3	43.8	62.5
					62.5	94.2



C. INFORMATION ON THE OPERATION OF THE GTS

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

2.3 *Changes in schedules/technical specifications*

• Notification from the Republic of Korea

II-iii — Seoul radio-facsimile broadcast effective 5.08.93 changes

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