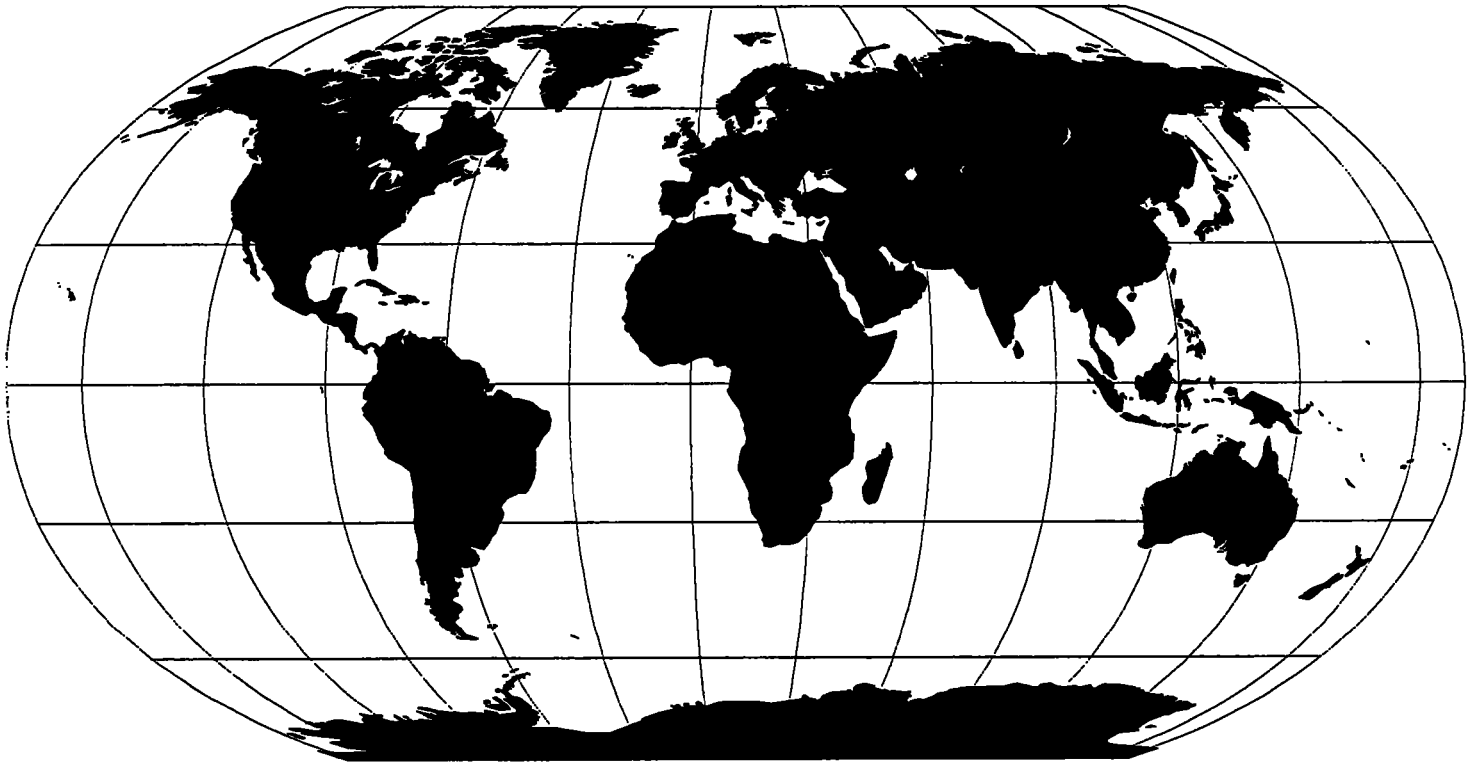


OPERATIONAL NEWSLETTER

Vol. 1996 - No. 1/2 - January/February 1996



WORLD WEATHER WATCH
WORLD METEOROLOGICAL ORGANIZATION

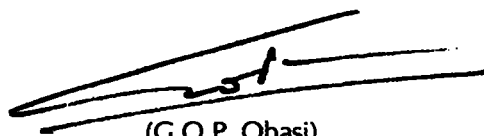
FOREWORD

The Operational Newsletter has been issued since 1982 at the request of CBS. It is distributed by the Secretariat on a monthly basis to facilitate updating and follow-up action and is aimed at providing WWW Centres with a summary of the latest operational information on:

- The Global Observing System
- The Global Telecommunication System
- The Global Data-Processing System
- Codes
- Marine Meteorological Services

A feedback form is included at the end of the Newsletter 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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Information on the Operational Status of Elements of the Surface-Based Sub-System

Publication No. 9:

Volume A - Observing Stations

Deleted Stations

Index No.	Name
Region II - Japan	
47885	SHIMIZU
Region II - China	
54616	CANGZHOU (EFFECTIVE 31 DECEMBER 1995)
Region V - Australia (Latitude 10°S-15°S)	
94144	ROPER BAR STORE
Region V - Australia (Latitude 25°S-30°S)	
94481	MOOMBA
Region V - Australia (Latitude 30°S-35°S)	
94714	COOTAMUNDRA
Region V - Australia (Latitude 35°S-40°S)	
95810	MT CRAWFORD
Region VI - Norway	
01295	HARRAN
Region VI - Sweden	
02112	VJOGGAT JALME
02158	FALLFORS
02182	OVERKALIX
02200	EDEMK
02224	FOLLINGE-VAGSKALET
02232	NORRAKER
02234	STROMSUND
02262	LYCKSELE
02278	SKAGSUDDE
02326	HAMRA
02346	DELSBO

Index No.	Name
02412	GUSTAVSFORS
02420	MOCKFJARD
02524	MOLLA
02576	GLADHAMMAR
02636	MALMO/STURUP
02640	VAXJO
02650	HANO
02656	SANDHAMMAREN
Region VI - Germany	
10286	WOLDEGK
Region VI - Austria	
11065	LIEBENAU
11081	BADEN
11106	LAZ/MUTTERSBERG
11151	SEEWALCHEN AM ATTERSEE
11169	GEMEINDEALPE/MITTERBACH
11383	SEMMERING (PASSHOEHE)

Publication No. 9:
Volume A - Observing Stations

New Stations

Index No.	Name of Station	Latitude	Longitude	Elevation		Pressure Level	Surface Observations								OBS.H OBS.S	Upper-air				Re- marks
				HP	HHA		00	03	06	09	12	15	18	21		00	06	12	18	
Region II - India (Stations South of Latitude 20°N)																				
43243	KAVALI	1454N	7959E	17	-		X	X	X	X	X	X	X	X						
Region II - Japan																				
47415	SAPPORO/KENASHIYAMA	4308N	4101E	-	700		.	.	.	.	.	.	.	.
47811	SASEBO USN	3309N	12943E	22	19		.	.	.	.	.	.	.	.
Region II - China																				
58618	POTOU (Effective 31 Dec. 95)	3805N	11633E	13	-		X	X	X	X	X	X	X	X						
59200	QING YUAN	2340N	11303E	19	-		.	.	.	.	.	.	.	.		RW		RW	
Region V - Australia Latitude 10°S-15°S																				
94145	ROPER VALLEY	1455S	13400E	70	69		X	X	.	X	X	.	.	.						
Region V - Australia Latitude 20°S-25°S																				
94314	PANNAWONICA	2138S	11619E	-	200		X	.	X	.	.	.	.	.	
94362	BLACKWATER	2335S	14852E	-	200		X	.	X	.	.	.	.	.	
95367	MACKAY AIRPORT	2110S	14910E	6	6		X	X	X	X	X	X	X	X					AUT	
Region V - Australia Latitude 25°S-30°S																				
94584	DOUBLE ISLAND POINT LIGHTHOUSE	2556S	15311E	95	94		X	X	X	X	X	X	X	X					AUT	
95481	MOOMBA AIRPORT	2806S	14011E	38	44		X	X	X	X	X	X	X	X					AUT	
Region V - Australia Latitude 30°S-35°S																				
94606	MARGARET RIVER	3356S	11504E	90	88		X	.	X	.	.	.	.	.	
94615	KALAMUNDA	3156S	11602E	-	220		X	X	X	X	X	X	X	X					AUT	
94721	PEAK HILL	3243S	14811E	-	267		X	.	X	.	.	.	.	.	
94752	BADGERYS CREEK AIRPORT	3353S	15042E	82	81		X	X	X	X	X	X	X	X					AUT	
94763	PENRITH	3343S	15040E	-	25		X	X	X	X	X	X	X	X						
94766	CANTERBURY	3354S	15106E	-	3		X	X	X	X	X	X	X	X						
94775	PATERSON	3237S	15135E	-	30		X	.	X	.	.	.	.	.	
94786	PORT MACQUARIE AIRPORT	3126S	15251E	5	4		X	X	X	X	X	X	X	X					AUT	
95687	RENMARK AERO	3412S	14040E	32	35		X	X	X	X	X	X	X	X					AUT	
95765	HOMEBUSH	3351S	15103E	-	28		X	X	X	X	X	X	X	X						
Region V - Australia Latitude 35°S-40°S																				
94850	KING ISLAND AIRPORT	3952S	14352E	38	40		X	X	X	X	X	X	X	X					AUT	
94939	MONTAGUE ISLAND LIGHTHOUSE	3615S	15013E	54	52		X	X	X	.	X	.	.	X						
Region V - Australia Latitude 40°S-45°S																				
94977	HARTZ MOUNTAINS	4312S	14646E	-	830		X	X	X	X	X	X	X	X					AUT	
Region VI - Sweden																				
02545	AXSTAL	5834N	1434E	-	91		.	.	X	X	X	.	.	.						
Region VI - Austria																				
11051	RANSHOFEN	4813N	1302E	392	382		.	.	X	X	X	X	X	.	H07-17				AUT	
11170	LUNZ	4751N	1500E	615	614		X	X	X	X	X	X	X	X	H01-23					
11302	DORNBIRN	4726N	0944E	411	410		.	.	.	.	.	.	.	.					AUT
11316	PITZTALER GLETSCHER	4656N	1053E	2843	2850		.	.	.	.	.	.	.	.					AUT
11365	ZELTWEG/AUTOM. STAT.	4712N	1447E	677	669		.	.	.	.	.	.	.	.					AUT
11384	HIRSCHENKOGEL	4738N	1549E	1323	1325		X	X	X	X	X	X	X	X	H01-23				AUT	

Publication No. 9:
Volume A - Observing Stations

Changes to existing Stations

Index No.	Name of Station	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 II - Japan																					
47601	HEGURASHIMA																				
47602	AKAWA	3802N	13815E																		
47898	SHIMIZU																				
Region II - China																					
59287	GUANGZHOU						X	X	X	X	X	X	X	X							
Region V - Australia Latitude 10°S-15°S																					
94134	BLACK POINT (PORT ESSINGTON)						X		X		X										
Region V - Australia Latitude 20°S-25°S																					
94367	MACKAY MO						X	X	X	X	X	X	X	X		W	W	W	W		
Region V - Australia Latitude 30°S-35°S																					
94791	COFFSHARBOUR MO						X	X	X	X	X	X	X	X		W	W	W	W		
Region V - Australia Latitude 35°S-40°S																					
94821	MOUNT GAMBIER AERO AMO						X	X	X	X	X	X	X	X		RW	W	RW	W		
94851	KING ISLAND CURRIE						X														
94870	MOORABBIN AIRPORT AWS						X	X	X	X	X	X	X	X					AUT		
94889	WANGARATTA AERO						X	X	X	X	X	X	X	X					AUT		
Region V - Australia Latitude 40°S-45°S																					
94985	ROSS						X	X	X												
Region VI - Iceland																					
04089	EGILSSTADIR						X	X	X	X	X	X	X	X		RW		RW			
Region VI - Denmark and Faroe Islands																					
06030	AALBORG						X	X	X	X	X	X	X	X	S00-24						
06060	KARUP						X	X	X	X	X	X	X	X	S00-24		RW				
06080	ESBJERG						X	X	X	X	X	X	X	X	H06-21						
Region VI - Austria																					
11248	BAD RADKERSBURG	4641N	1559E				X	X	X	X	X	X	X	X	H01-23						
Region VI - Israel																					
40199	EILAT						X	X	X	X	X	X	X	X							

* Temporary arrangement 15.I.1996-15.IV.1996

AUTOMATIC MARINE STATIONS

KEY:
Observed or Technical
Parameters

Column	Parameters	Column	Parameters
1	Wind direction, speed and peak wind	9	Subsurface temperatures
2	Air temperature	10	Relative humidity
3	Air pressure	11	Visibility
4	Pressure tendency		
5	Sea-surface temperature		
6	Wave period and height	-	Parameter not observed
7	Wave spectra	x	Buoy observes this parameter
8	Drogued	.	Data under evaluation, not reported

Moored Buoys

Canada

North-east Pacific Ocean:

SNVD17 CWVR, SXCN50 CWVR, SMVD04 SWEG

WMO Buoy Identifier	ARGOS Identifier	Position: 9 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
46004	7180	50 58' N	135 48' W	X	X	X	X	X	X	X	N/A	-	-	-
46036	5324	48 21' N	133 55' W	X	X	X	X	X	X	X	N/A	-	-	-
46131	4484	49 54' N	124 59' W	X	X	X	X	X	X	X	N/A	-	-	-
46132	7197	49 44' N	127 55' W	X	X	X	X	X	X	X	N/A	-	-	-
46145	4485	54 23' N	132 26' W	X	X	X	X	X	X	X	N/A	-	-	-
46146	7196	49 20' N	123 44' W	X	X	X	X	X	X	X	N/A	-	-	-
46147	7194	51 49' N	131 12' W	*	X	X	X	X	X	X	N/A	-	-	-
46181	7187	53 50' N	128 50' W	X	X	X	X	X	X	X	N/A	-	-	-
46183	8678	53 37' N	131 06' W	X	X	X	X	X	X	X	N/A	-	-	-
46184	7182	53 54' N	138 52' W	X	X	X	X	X	X	X	N/A	-	-	-
46185	8677	52 25' N	129 48' W	X	X	X	X	X	X	X	N/A	-	-	-
46204	7192	51 22' N	128 45' W	X	X	X	X	X	X	X	N/A	-	-	-
46205	7183	54 10' N	134 20' W	*	*	*	*	*	*	*	N/A	-	-	-
46206	7184	48 50' N	126 00' W	X	X	X	X	X	X	X	N/A	-	-	-
46207	7193	50 52' N	129 55' W	X	X	X	X	X	X	X	N/A	-	-	-
46208	7186	52 30' N	132 42' W	X	X	X	X	X	X	X	N/A	-	-	-

* Sensor/System failure

Canada

Moored Buoys

North-west Atlantic Ocean:

WMO Buoy Identifier	ARGOS Identifier	Position: 5 January 1996		Observed or Technical Parameters											
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11	
44137	5579	41 36' N	060 02' W	X	*	X	X	X	X	X	X	N/A	-	-	-
44138	5577	44 16' N	053 37' W	X	X	X	X	X	X	X	X	N/A	-	-	-
44139	3448	44 08' N	057 38' W	*	*	*	*	*	*	*	*	N/A	-	-	-
44140	5576	42 51' N	051 34' W	X	X	X	X	X	X	X	X	N/A	-	-	-
44141	3449	42 04' N	056 09' W	X	X	X	X	X	X	X	X	N/A	-	-	-
44142	5578	42 27' N	064 06' W	X	X	X	X	X	X	X	X	N/A	-	-	-
44153	N/A	47 24' N	063 24' W	X	X	X	X	X	X	X	X	N/A	-	-	-

* Sensor/System failure

Great Slave Lake, Lake Winnipeg, Great Lakes, Gulf of St. Lawrence:

WMO Buoy Identifier	ARGOS Identifier	Position: 6 January 1996		Observed or Technical Parameters											
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11	
45132	N/A	42 28' N	081 13' W	.	.	.	.	.	.	.	.	N/A	-	-	-
45135	N/A	43 47' N	076 52' W	.	.	.	.	.	.	.	.	N/A	-	-	-
45136	N/A	48 32' N	086 57' W	.	.	.	.	.	.	.	.	N/A	-	-	-
45137	N/A	45 33' N	081 01' W	.	.	.	.	.	.	.	.	N/A	-	-	-
45138	8249	49 32' N	065 44' W	.	.	.	.	.	.	.	.	N/A	-	-	-
45139	N/A	43 25' N	079 23' W	X	X	X	X	X	X	X	X	N/A	-	-	-
45140	3439	50 47' N	096 44' W	.	.	.	.	.	.	.	.	N/A	-	-	-
45141	N/A	61 11' N	115 19' W	.	.	.	.	.	.	.	.	N/A	-	-	-
45142	N/A	42 44' N	079 17' W	.	.	.	.	.	.	.	.	N/A	-	-	-
45144	8671	53 23' N	098 29' W	.	.	.	.	.	.	.	.	N/A	-	-	-

Drifting Buoys

45132, 45135, 45136, 45137, 45138, 45140, 45141, 45142 and 45145 are shut down for the winter

North-east Pacific Ocean:

WMO Buoy Identifier	ARGOS Identifier	Position: 8 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
46632	7129	48 24' N	161 22' W	.	.	X	X	X	X	.	X	-	-	-
46641	12520	38 53' N	128 10' W	.	.	*	X	X	X	.	X	-	-	-
46681	7135	41 48' N	126 06' W	.	.	*	X	X	X	.	X	-	-	-
46692	7139	48 23' N	133 41' W	.	.	*	X	X	X	.	X	-	-	-

* Sensor/System failure

United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the January 1996 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.

United States of America

Moored Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 11-18 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
41001*		34.70N	72.59W	X	X	X	-	**	X	X	-	-	-	-
41002*		32.35N	75.26W	X	X	X	-	X	**	**	-	-	-	-
41004		32.51N	79.10W	X	X	X	-	X	X	X	-	-	-	-
41006*		29.33N	77.32W	X	X	X	-	X	X	X	-	-	-	-
41009		28.50N	80.18W	X	X	X	-	X	X	X	-	-	-	-
41010		28.90N	78.50W	X	X	X	-	X	X	X	-	-	-	-
41018		15.00N	75.00W	X	X	X	-	X	X	X	-	-	-	-
41021		31.89N	80.86W	X	X	X	-	X	X	X	-	-	-	-
41022		31.89N	80.86W	X	X	X	-	X	X	X	-	-	-	-
42001*		25.93N	89.65W	X	X	X	-	X	**	**	-	-	-	-
42002*		25.89N	93.57W	X	X	X	-	X	X	X	-	-	-	-
42003*		25.94N	85.91W	X	X	X	-	X	X	X	-	-	-	-
42007		30.09N	88.77W	X	X	X	-	X	.	.	-	-	-	-
42019		27.90N	95.00W	X	X	X	-	X	X	X	-	-	-	-
42020		27.01N	96.51W	X	X	X	-	**	X	X	-	-	-	-
42035		29.25N	94.41W	X	X	X	-	X	X	X	-	-	-	-
42036		28.50N	84.50W	X	X	X	-	X	X	X	-	-	-	-
42037		24.51N	81.38W	**	**	**	-	**	**	**	-	-	-	-
42039		28.78N	86.04W	X	X	X	-	X	X	X	-	-	-	-
42040		29.20N	88.25W	X	X	X	-	X	X	X	-	-	-	-
44004*		38.46N	70.69W	X	X	X	-	X	X	X	-	-	-	-
44005*		42.90N	68.94W	X	X	X	-	X	X	X	-	-	-	-
44007		43.53N	70.14W	X	X	X	-	X	X	X	-	-	-	-
44008		40.50N	69.42W	X	**	X	-	X	X	X	-	-	-	-
44009		38.46N	74.70W	X	X	X	-	X	X	X	-	-	-	-
44011*		41.08N	66.58W	X	X	X	-	X	X	X	-	-	-	-
44013		42.35N	70.69W	X	X	X	-	X	X	X	-	-	-	-
44014		36.58N	74.83W	X	X	X	-	X	**	**	-	-	-	-
44025		40.25N	73.17W	X	X	X	-	X	X	X	-	-	-	-
44028*		41.40N	71.08W	X	**	X	-	X	X	X	-	-	-	-
45001*		48.05N	87.77W	X	X	X	-	X	X	X	-	-	-	-
45002*		45.30N	86.42W	X	X	X	-	X	X	X	-	-	-	-
45003*		45.32N	82.77W	X	X	X	-	X	X	X	-	-	-	-
45004*		47.55N	86.53W	X	X	X	-	X	X	X	-	-	-	-
45005*		41.68N	82.40W	X	X	X	-	X	X	X	-	-	-	-
45006*		47.32N	89.87W	X	X	X	-	X	X	X	-	-	-	-
45007*		42.68N	87.03W	X	X	X	-	X	X	X	-	-	-	-

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

** Sensor/System failure

United States of America

Moored Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 11-18 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
45008*		44.28N	82.42W	X	X	X	-	X	X	X	-	-	-	-
45010		43.00N	87.80W	X	X	X	-	X	X	X	-	-	-	-
46001*		56.29N	148.18W	X	X	X	-	X	X	X	-	-	-	-
46002*		42.53N	130.26W	X	X	X	-	X	X	X	-	-	-	-
46003*		51.85N	155.92W	X	X	X	-	X	X	X	-	-	-	-
46005*		46.08N	131.00W	X	X	X	-	X	X	X	-	-	-	-
46006*		40.87N	137.54W	X	X	X	-	X	X	X	-	-	-	-
46011		34.88N	120.87W	**	**	**	-	**	**	**	-	-	-	-
46012		37.39N	122.73W	X	X	X	-	X	X	X	-	-	-	-
46013*		38.23N	123.30W	X	X	X	-	X	X	X	-	-	-	-
46014*		39.22N	123.97W	X	X	X	-	X	X	X	-	-	-	-
46022		40.76N	124.50W	X	X	X	-	X	X	X	-	-	-	-
46023		34.25N	120.67W	X	X	X	-	X	X	X	-	-	-	-
46025		33.75N	119.07W	X	X	X	-	X	X	X	-	-	-	-
46026		37.75N	122.82W	**	**	**	-	**	**	**	-	-	-	-
46027		41.85N	124.39W	X	X	X	-	X	X	X	-	-	-	-
46028*		35.74N	121.88W	X	X	X	-	X	X	X	-	-	-	-
46029		46.25N	124.25W	**	**	**	-	**	**	**	-	-	-	-
46030		40.42N	124.53W	X	X	X	-	X	X	X	-	-	-	-
46035		56.96N	177.73W	X	X	**	-	X	X	X	-	-	-	-
46041		47.42N	124.52W	X	X	X	-	X	X	X	-	-	-	-
46042		36.75N	122.41W	X	X	X	-	X	X	X	-	-	-	-
46045		33.84N	118.45W	X	X	X	-	X	X	X	-	-	-	-
46050		44.62N	124.53W	X	X	X	-	X	X	X	-	-	-	-
46051		34.48N	120.69W	X	X	X	-	X	X	X	-	-	-	-
46053		34.24N	119.85W	X	X	X	-	X	X	X	-	-	-	-
46054		34.27N	120.45W	X	X	X	-	X	X	X	-	-	-	-
46059		37.98N	130.00W	X	X	X	-	**	X	X	-	-	-	-
46060		60.58N	146.83W	X	X	X	-	X	X	X	-	-	-	-
46061		60.22N	146.83W	X	X	X	-	X	X	X	-	-	-	-
51001*		23.40N	162.27W	X	X	X	-	X	X	X	-	-	-	-
51002		17.19N	157.83W	X	X	X	-	X	X	X	-	-	-	-
51003*		19.14N	160.81W	X	X	X	-	X	X	X	-	-	-	-
51004*		17.44N	152.51W	X	X	X	-	X	X	X	-	-	-	-
51026		21.35N	156.93W	**	X	X	-	X	X	X	-	-	-	-
51027		20.45N	157.13W	**	**	**	-	**	**	**	-	-	-	-

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

** Sensor/System failure

United States of America

Drifting Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 10-11 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
16811	17180	29°S	087°E	.	X	X	-	X	.	.	.	-	-	-
17810	17182	16°S	015°W	.	X	X	-	X	.	.	.	-	-	-
32811	17170	22°S	127°W	.	**	X	-	X	.	.	.	-	-	-
32812	17171	30°S	126°W	.	X	X	-	X	.	.	.	-	-	-
32814	17161	30°S	100°W	.	**	X	-	**	.	.	.	-	-	-
33838	17163	27°S	019°W	.	X	X	-	X	.	.	.	-	-	-
33839	17164	28°S	018°W	.	**	X	-	X	.	.	.	-	-	-
33840	17165	32°S	054°E	.	**	X	-	X	.	.	.	-	-	-
33841	17166	28°S	018°W	.	**	X	-	X	.	.	.	-	-	-
41526	5575	33°N	060°W	X	X	X	-	X	.	.	.	-	-	-
41529	6582	22°N	070°W	X	X	X	-	X	.	.	.	-	-	-
41585	23640	36°N	066°W	X	X	X	-	X	.	.	.	-	-	-
46551	20705	45°N	138°W	**	**	X	-	X	.	.	.	-	-	-
46552	20706	41°N	140°W	**	**	X	-	X	.	.	.	-	-	-
46553	20710	51°N	143°W	X	X	X	-	X	.	.	.	-	-	-
46554	20712	35°N	149°W	X	**	X	-	X	.	.	.	-	-	-
46555	20707	47°N	132°W	X	X	X	-	X	.	.	.	-	-	-
46556	20711	52°N	140°W	**	**	X	-	X	.	.	.	-	-	-
46557	20709	38°N	151°W	X	**	X	-	X	.	.	.	-	-	-
46558	20708	41°N	143°W	**	**	X	-	X	.	.	.	-	-	-
53825	20715	10°S	120°E	.	**	#	-	**	.	.	.	-	-	-
54807	20718	53°S	074°W	.	**	#	-	**	.	.	.	-	-	-
54808	20722	50°S	003°E	.	X	X	-	X	.	.	.	-	-	-
54809	20719	36°S	173°W	.	X	X	-	X	.	.	.	-	-	-
54810	17181	17°S	177°E	.	**	#	-	**	.	.	.	-	-	-
54811	20713	37°S	121°W	.	X	X	-	X	.	.	.	-	-	-
54812	17178	38°S	075°W	.	X	X	-	X	.	.	.	-	-	-
54813	20717	39°S	133°W	.	X	X	-	X	.	.	.	-	-	-
54845	17162	40°S	149°W	.	X	X	-	X	.	.	.	-	-	-
55801	20721	39°S	169°E	.	**	X	-	X	.	.	.	-	-	-
56806	1984	26°S	047°E	.	X	X	-	X	.	.	.	-	-	-
56807	20716	27°S	036°E	.	**	X	-	X	.	.	.	-	-	-
56808	20720	25°S	048°E	.	X	X	-	X	.	.	.	-	-	-
56809	17169	23°S	072°E	.	**	X	-	X	.	.	.	-	-	-
56810	17185	22°S	056°E	.	X	X	-	X	.	.	.	-	-	-

Buoy beached, sensor reporting.

** Sensor failure reported.

FRANCE

Moored Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 19 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
41096	05833	16.5N	61.5W	-	-	-	-	X	X	.	-	-	-	.
41097	05832	14.9N	61.1W	-	-	-	-	X	X	.	-	-	-	.
62163*		47.5N	8.5W	X	X	X	X	X	X	-	X	-	X	-

* Cooperation UK Met. Office/Météo France. Data transmitted in SHIP code

Drifting Buoys

Data from drifting buoys are collected by the ARGOS system. They are distributed on the GTS in BUOY code from CLS/ARGOS in Toulouse (heading LFPW SSVX01 or SSVX03)

Indian Ocean

WMO Buoy Identifier	ARGOS Identifier	Position: 19 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
14535	10110	34.8S	51.4E	-	-	X	X	X	-	-	-	-	-	-
16536	10108	35.6S	55.1E	-	-	X	X	X	-	-	-	-	-	-

South Atlantic

WMO Buoy Identifier	ARGOS Identifier	Position: 19 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
33545	15524	38.8S	44.0W	+	-	X	-	X	-	-	-	.	-	-
33546	15533	37.6S	37.8W	X	-	X	-	X	-	-	-	.	-	-
33547	15535	40.0S	38.0W	+	-	X	-	+	-	-	-	.	-	-

+ Sensor/system failure

North Atlantic

WMO Buoy Identifier	ARGOS Identifier	Position: 19 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
62501	5791	53.2N	19.9W	X	-	X	X	X	-	-	-	-	-	-
62503	14427	45.6N	17.0W	-	-	X	X	X	-	-	-	-	-	-
62504	14428	46.9N	14.3W	-	-	X	X	X	-	-	-	-	-	-
62518	14419	41.6N	11.9W	X	-	X	X	X	-	-	-	-	-	-

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Moored Buoys

Including Light Vessels, Islands and Fixed Platforms

WMO Buoy Identifier	ARGOS Identifier	Position: 17 January 1996		Observed or Technical Parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
03007*		60°35'N	01°16'W	X	X	-	-	-	-	-	X	X	-	-
03010*		59°05'N	04°24'W	X	X	X	X	-	-	-	X	X	-	-
03011*		59°8'N	05°50'W	X	X	X	X	-	-	-	X	X	-	-
03014*		60°07'N	02°04'W	X	X	X	X	-	-	-	X	X	-	-
03695*		51°40'N	01°06'E	X	X	X	X	-	-	-	X	X	-	-
62026		55°20'N	02°20'E	X	X	X	X	X	X	-	X	X	-	-
62029		48°42'N	12°25'W	-	-	-	-	-	-	-	-	-	-	-
62081		51°00'N	13°20'W	X	X	X	X	X	X	-	X	X	-	-
62101		50°37'N	02°44'W	-	-	-	-	-	-	-	-	-	-	-
62103**		49°55'N	02°54'W	X	X	X	X	X	X	-	X	X	X	-
62105		55°29'N	12°59'W	X	X	X	X	X	X	-	X	X	-	-
62106		57°00'N	09°52'W	X	X	X	X	X	X	-	X	X	-	-
62107**		50°04'N	06°04'W	X	X	X	X	X	X	-	X	X	X	-
62108		53°34'N	15°30'W	X	X	X	X	X	X	-	X	X	-	-
62109		57°00'N	00°00'E	X	X	X	X	X	X	-	X	X	-	-
62112*		58°42'N	01°17'E	X	X	X	X	-	-	-	X	X	-	-
62118*		57°45'N	00°55'E	X	X	X	X	-	-	-	X	X	-	-
62126*		58°51'N	03°35'W	X	X	X	X	-	-	-	X	X	-	-
62129*		53°03'N	02°14'E	X	X	X	X	-	-	X	X	X	-	-
62163		47°30'N	08°30'W	X	X	X	X	X	X	-	X	X	-	-
62301		52°10'N	05°05'W	X	X	X	X	X	X	-	X	-	-	-
62302		54°08'N	03°37'W	X	X	X	X	X	-	-	X	-	-	-
62303		51°31'N	04°56'W	X	X	X	X	X	X	-	X	X	-	-
62304**		51°09'N	01°47'E	X	X	X	X	X	X	-	-	X	X	-
62305**		50°25'N	00°00'W	X	X	X	X	X	X	-	X	X	X	-
63103*		61°14'N	01°09'E	X	X	X	X	-	-	-	X	X	-	-
63111*		59°33'N	01°32'E	X	X	X	X	-	-	X	X	X	-	-
64045		59°15'N	11°41'W	X	X	X	X	X	X	-	X	X	-	-

*Fixed platforms or islands

** Automatic Light Vessels

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Drifting Buoys

WMO Buoy Identifier	ARGOS Identifier	Position: 17 January 1996		Observed or Technical Parameters											
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11	
25565	01639*	55.0N	44.1W	-	X	X	-	-	-	-	-	-	-	-	-
44613	03324	47.6N	12.9W	X	X	X	X	X	-	-	-	-	-	-	-
44616	03318	59.0N	32.0W	X	X	X	X	X	-	-	-	-	-	-	-
44727	02974	47.0N	27.9W	-	X	X	X	X	-	-	-	-	-	-	-
44728	03024	58.5N	32.7W	-	X	X	X	X	-	-	-	-	-	-	-
44742	02953	58.1N	45.4W	X	-	X	X	X	-	-	-	-	-	-	-
44760	02947	29.1N	27.8W	-	X	X	X	X	-	-	-	-	-	-	-
44763	03098	54.9N	42.4W	-	X	X	X	X	-	-	-	-	-	-	-
44769	01253	53.9N	28.6W	-	X	X	X	X	-	-	-	-	-	-	-
44770	03035	32.5N	34.8W	-	X	X	X	X	-	-	-	-	-	-	-
44773	03132	51.0N	28.1W	-	X	X	X	X	-	-	-	-	-	-	-
44777	14733	30.4N	28.6W	-	-	X	-	X	-	-	-	-	-	-	-
44779	14737	29.7N	36.6W	-	-	X	-	X	-	-	-	-	-	-	-
62805	02927	63.1N	28.8W	-	-	X	X	X	-	-	-	-	-	-	-
65594	01252	58.0N	44.4W	-	X	X	X	X	-	-	-	-	-	-	-
44761	14736	55.6N	48.1W	-	-	X	-	X	-	-	-	-	-	-	-
44774	03162	50.4N	47.0W	-	X	X	X	X	-	-	-	-	-	-	-

* Ice drifter

ARGOS service
ARGOS MONTHLY STATUS
REPORT
Date of statistics computation :
1 February 1996

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

● **Transmission to RTH Toulouse:**

Boats (<20 knots)	-
Drifting buoys	103
Fixed Stations	18
Marine Station	-
Moored Buoys	3
Synotic PTT	-

● **Transmission to NWS Washington:**

Drifting Buoys	601
Fixed Stations	10
High Speed	-
Moored Buoys	59

● **Reports handled by ARGOS Service; (list of monthly collected ARGOS platforms sorted by type of platform)**

Drifting buoys	1025
Boats (<20 knots)	-
Marine Stations	84
Moored Buoys	236
Fixed Stations	369
Terrestrial Animals	54
Marine Animals	125
Birds	45
Balloons	7
TOTAL	1945

● **WMO coding statistics of platforms reporting through ARGOS and distributed over the GTS:**

BATHY	397
BUOY	207267
SYNOP	11861
TOTAL:	219525

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 that do not reach their NMCs, a special table accompanied by explanatory notes follows at the end of this Newsletter. The table will 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".

Global Telecommunication System

Information on the Operation of the GTS

Bulletins relating to the state of the ozone

Notification from Japan

Japan Meteorological Agency (JMA) has begun transmitting daily ozone data observed at Tateno in CREX code form since 1 February 1995. The data has been distributed through the GTS once a day around 11 UTC with the WMO abbreviated heading:

SLJP40 RJTD YYGGgg.

In the light of its experimental operation, the CREX form for transmission of ozone data currently used at JMA will be changed into a new sequence using the descriptors recently proposed at an expert meeting on data representation and codes as from 20 December 1995. An example and explanation on the sequence for total ozone measurement data observed by Dobson instruments are shown in Table 1.

Notes:

SLJP40 RJTD 030231 :
WMO header TTAAii CCCC YYGGgg

Section 1 (Indicator Section)

CREX: Beginning indicator
01: CREX edition number
01: CREX table version number
A...: Three digit reference to CREX table (a) follows
008: CREX data category (physical/chemical constituents)
D.....: Five digit reference to CREX table (d) follows
E: Check digit extension indicator (optional)
++: The section separator

SLJP40-RJTD-030231
CREX0101-A008-(D01030-D01071-D20001)E++
147-2646-31995-4337-502-631-703-80125-900-
000-10313-2187++-7777++

(- : space)

Observation site: Tateno, WMO station index number: 47646

Time and date: 02:31 UTC, 3 December 1995

Data: The value of individual ozone measurement in wavelength AD ordinary setting on direct sun.

Table 1

Section 2 (Tabular form body)

147 2646 31995 4337 502 631 2187++ : Observation text

7777++ : Ending indicator

The sequence spread out are:

D01030 = D01001 + B04001 + B04043 + D01012
D01001 = B01001 + B01002
D01012 = B04004 + B04005
D01071 = B02143 + B02142 + B02145 + B02146
D20001 = B15001 + B15002

Where:

Reference and element name	Value	Order
B01001 = WMO block number	47	1
B01002 = WMO station number	646	2
B04001 = Year	1995	3
B04043 = day of the year (UTC)	337	4 (3 Dec.)
B04004 = Hours of measurement (UTC)	02	5
B04005 = Minutes of measurement (UTC)	31	6
B02143 = Ozone instrument type	03	7
B02142 = Instrument serial number	0125	8
B02145 = Wavelength setting for Dobson	00	9
B02146 = Source conditions for Dobson	00	0
B15001 = Value of the ozone measurement	0313	1
	(313M ATM-M)	
B15002 = Value of the air-mass	187	2
	(1.87)	

**Information on the Operation
of the GTS**

**Publication No. 9:
Volume C2 - Transmission Schedules**

RADIO-FACSIMILE BROADCAST

**Region VI - Russian Federation
Moscow, Programme 2**

CHANGES effective 27.2.1996

A	B		C		D
Call Sign	Hours of Operation	Frequency	Class of Emission	Band width	Power Supplied to the Antenna
RCI-72	1800-0200	3 875 kHz	F3C	white +400 Hz	20 kW
RGO-73	0000-2400	5 150 kHz		black -400 Hz	20 kW
RCC-76	0000-2400	7 670 kHz			20 kW
RDD-78	0200-1800	10 980 kHz			20 kW
RBO-8	0000-2400	53.6 kHz			70 kW

Region II - Russian Federation

DELETE :

Khabarovsk RTT broadcast and Novosibirsk RTT broadcast.

**GTS Regulatory or Guidance
System**

GTS messages for aviation

The President of CBS agreed that the following data type designators be included in Table B1 of Attachment II-5, Manual on the GTS, Volume I, Part II, with effect from 1 January 1996:

T_1T_2 = WA for AIRMET messages,

T_1T_2 = FA for GAMET messages and ARFOR messages;

T_1T_2 = FK for tropical cyclones advisory messages;

T_1T_2 = FV for volcanic ash advisory messages.

CODES

Manual on Codes

National Practices

National coding procedures with regard to international code

forms:

Notification from France

France has indicated the following changes implemented on 1 January 1996 in:

Region VI

NATIONAL CODING PROCEDURES WITH REGARD TO INTERNATIONAL CODE FORMS

•Under FM 12-X Ext. SYNOP, FM 13-X SHIP and FM 14-X Ext. SYNOP MOBIL replace text for FRANCE by:

FRANCE

4E'sss When there is snow on the ground, this group is reported at 0600 and 1800 UTC.

(previous text for 7wwW₁W₂ under FM 12-X SYNOP and FM 13-X SHIP are deleted)

MARINE METEOROLOGICAL SERVICES (MMS) AND RELATED OCEANOGRAPHIC ACTIVITIES

Information on the Operation of Marine Meteorological Services

**Broadcasts for Shipping
and other**

**Publication No. 9: Volume D -
Information for Shipping**

Part Aii

Meteorological Broadcasts by Radio-Facsimile

Region VI - Russian Federation

Moscow, Programme 2

CHANGES effective 27.2.1996

A	B		C		D
Call Sign	Hours of Operation	Frequency	Class of Emission	Band width	Power Supplied to the Antenna
RCI-72	1800-0200	3 875 kHz	F3C	white +400 Hz	20 kW
RGO-73	0000-2400	5 150 kHz		black -400 Hz	20 kW
RCC-76	0000-2400	7 670 kHz			20 kW
RDD-78	0200-1800	10 980 kHz			20 kW
RBO-8	0000-2400	53.6 kHz			70 kW

Part B

Coastal Radio Stations Accepting Ships' Weather Reports and Oceanographic Reports

Region II - Japan

Termination of services for the following stations:

**CHOSHI
KOBE
NAHA
SAPPORO**

will terminate their services as from 23 UTC on 30 March 1996. Any correspondence should be made with Nagasaki station.

Explanatory Notes

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, the Catalogue of Meteorological Bulletins, and particularly for stations included in the Regional Basic Synoptic Networks (RBSN).

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

Column A:

The station index number (IIiii) and name of each station;

Column B:

Latitude and Longitude in degrees and minutes with the appropriate letters (N, S, E and W);

Column C:

The TTAaii CCCC of the abbreviated headings of the meteorological bulletins which contain 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 = Elevation of the station in metres (the datum level to which barometric pressure reports at the station refer);

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

HA = Official altitude of the aerodrome given for stations located on aerodromes 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 (see table 1):

STATION	Pressure at station level reported using group 3P.P.P.P.
1000 hPa	
850 hPa	geopotential of the given standard isobaric surface
700 hPa	reported using group 4a, hhh
500 hPa	

Table 1

Line 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.

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

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

(See Explanatory Notes overleaf)

Country: _____

Date Effective: _____

(Please tick the appropriate box)

Global Exchange:

Regional Exchange:

A		B		C	D							E		F
Station Index No.	Station Name	Latitude	Longitude	Bulletin Identification TTAAii CCCC	Implementation of Observing Programme							Elevation		Pressure Level
					00	03	06	09	12	15	18	21	HP	

SYNOPSIS:

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G: Remarks

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G: Remarks

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G: Remarks

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G: Remarks

TEMP:

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G: Remarks

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G: Remarks

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