

JULY 2003  
VOL. 56 NO. 07



ISSN 0027-0296

MONTHLY  
CLIMATIC  
DATA  
FOR THE WORLD

PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION

"I certify that this is an official publication of the National Oceanic and Atmospheric Administration and is compiled from information received at the National Climatic Data Center, Asheville, North Carolina 28801."

A handwritten signature in cursive script that reads "Thomas R. Karl".

Director  
National Climatic Data Center

**noaa**

National  
Oceanic and  
Atmospheric Administration

National  
Environmental Satellite, Data  
and Information Service

National  
Climatic Data Center  
Asheville, North Carolina

## PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). National Center for Environmental Prediction (NCEP) and the Hadley Centre for Prediction and Research Meteorological Office, Bracknell, United Kingdom prepares and relays data to National Climatic Data Center for quality control, publication, and archive. Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session [Stockholm 1965] of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration. Bolded stations are stations that participate in the GCOS Program.

## REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = C, degrees = o, geopotential meters = gpm, meters = m, hectopascals = hPa, millimeters = mm, minutes = ', percent = %.

The long term surface data AVERAGES required for these tables were calculated for 1961 - 1990 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the AVERAGES for that month. Precipitation departure of "T" or "-T" indicates a difference less than 0.5 mm from AVERAGE.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "D" indicates the data should be deleted. Some late reports of pre-1987 data appeared in the Corrections sections during the 1987 Data Year.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

The station list appears at the back of the publication. In January and July, all CLIMAT (C) and CLIMAT TEMP (T) stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

Included in this publication, on an interim basis, are a group of Antarctic and USA stations that are not in WMO No. 9. These stations will be sponsored as CLIMAT and/or CLIMAT TEMP stations in the near future.

## **SURFACE DATA TABLES**

**DAYS OBS.:** The number of days on which observations were taken. Column will be blank if days are not reported.

**PRESSURE:** Mean station pressure at station level and sea level in tenths of hPa. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 hPa or 700 hPa pressure surface, respectively.

**TEMPERATURE:** Mean temperature and departure from AVERAGE value in degrees C. "S" indicates sea surface temperature.

**DAYS 1 MM:** The number of days on which precipitation was 1 mm or more.

**PRECIPITATION:** Total precipitation and departure from AVERAGE in mm. "T" indicates an amount less than 0.5 mm.

**QUINTILE:** Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1961 - 1990 reference period.

**% OF AV.:** Sunshine total hours expressed as a percentage of long-term average. Currently, average period is 1961-90.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

## **UPPER AIR DATA TABLES**

**HEIGHT:** Mean height of pressure surfaces in gpm. Asterisk (\*) indicates station elevation.

**VECTOR WIND:** Direction of mean vector wind in degrees, speed in mps. A wind speed value of 0 is a speed < 0.5 mps. When missing days equals 9, nine or more days of wind data are missing.

**STEADINESS:** Ratio of mean vector wind speed to mean scalar wind speed.

**OB:** Observation time code; 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 GMT, / = other hours.

The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center, Asheville, North Carolina, USA.

## **PUBLICATION STAFF**

William Angel, Meteorologist

Joe Kraft, Met. Tech

Monthly Climatic Data for the World (ISSN-0027-0296) is published monthly by the National Climatic Data Center, National Environmental Satellite, Data, and Information Service, NOAA, Asheville, North Carolina, USA. Subscription, price, and ordering information is available from the:

**NCDC Subscription Services Center  
310 State Route 956, Building 300  
Rocket Center, WV 26726**

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>EUROPE</b>																
<b>NORWAY</b>																
01001 JAN MAYEN	7056N	00840W	9		1011.3	1012.5	5.8	1.6	8.4	1.0	9	30	-17	1		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1009.8	1013.1	7.0	1.2	7.9	.8	8	24	6	4		
01025 TROMSO/LANGNES	6941N	01855E	10		1013.6	1014.7	14.4	2.6	12.1	1.6	7	95	22	4		
01028 BJORNOYA	7431N	01901E	16		1012.7	1015.1	4.9	.5	7.9	.0	4	28	-2	3		
01098 VARDØ	7022N	03106E	15		1014.3	1016.3	11.1	1.9	11.3	1.1	6	22	-27	2		
01152 BODØ VI	6715N	01422E	20		1012.7	1014.2	15.7	3.2	12.6	1.1	7	35	-57	1	344	200
01241 ORLAND III	6342N	00936E	7		1012.3	1013.5	17.2	4.5	14.5	2.1	6	26	-59	1		
01317 BERGEN/FLORIDA	6023N	00520E	36		1008.7	1012.9	18.1	3.6	14.9	2.5	17	171	23	4		
01384 OSLO/GARDERMOEN	6012N	01105E	204		989.3	1013.1	17.9	2.7	14.9	3.4	11	87	8	4		
01415 STAVANGER/SOLA	5853N	00538E	9		1012.2	1013.2	17.5	3.3	15.7	3.0	11	80	-11	3		
<b>SWEDEN</b>																
02080 KARESUANDO	6826N	02230E	325		975.3	1013.8	16.8	4.0	13.2	2.3	9	56	-19	2	310	128
02128 GUNNARN	6458N	01742E	281		981.3	1014.1	18.0	3.5	13.4	2.3	8	36	-49	1		
02196 HAPARANDA	6550N	02409E	6		1013.4	1014.5	19.5	4.1	16.3	3.5	6	36	-13	2	361	119
02226 FROSON	6312N	01430E	360		970.0	1013.7	17.5	4.1	14.6	3.6	11	57	-19	2	305	134
02366 TIMRA/MIDLANDA	6231N	01727E	7		1013.2	1013.7	18.9	3.6	16.4	4.0	5	14	-48	1		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		1000.7	1013.2	19.2	3.1	16.2	2.9	9	43	-19	2	276	105
02512 GÖTEBORG/SAVE	5747N	01153E	16		1011.5	1013.6	18.1	1.9	18.5	4.6	10	118	50	5	247	102
02550 JONKÖPING/AXAMO	5745N	01405E	218		986.7	1013.0	16.9	1.9	16.1	3.7	14	183	110	5		
02590 VISBY FLYGPLATS	5740N	01821E	41		1007.1	1013.1	18.8	2.5	18.2	3.8	8	63	13	4	269	95
<b>FINLAND</b>																
02801 KILPISJARVI	6903N	02047E	476		955.7	1014.8	14.0		11.9		8	63		3		
02805 KEVO	6945N	02702E	101		1002.6	1015.2	16.1		12.8		9	37		1	390	160
02836 SODANKYLÄ	6722N	02639E	179		992.4	1014.7	18.4	4.3	13.7		6	67	2	3	337	123
02869 KUUSAMO	6558N	02911E	263		982.5	1015.4	18.2	4.0	14.6		6	57	-16	2		
02875 OULU	6456N	02522E	15		1012.6	1014.5	19.5	3.5	16.2		7	57	0	3	336	118
02897 KAJAANI	6417N	02741E	136		998.2	1014.9	19.3	3.7	16.7		8	70	2	3		
02929 JOENSUU	6240N	02938E	117		999.8	1014.7	20.4	4.0	17.3		7	39	-36	2		
02935 JYVASKYLÄ	6224N	02541E	145		996.8	1014.2	19.7	4.0	17.1		9	74	-4	3	273	107
02942 NIINISALO	6151N	02228E	136		998.3	1013.9	19.6	3.9	16.4		10	107	36	4		
02963 JOKIOINEN	6049N	02330E	103		1000.8	1013.6	19.9	4.1	16.1		4	68	-12	3	296	120
02972 TURKU	6031N	02216E	59		1006.4	1013.8	20.8	4.3	15.3		5	27	-51	1	313	119
02974 HELSINKI-VANTAA	6019N	02458E	56		1006.8	1013.9	20.5	3.9	17.5		6	25	-48	1	310	113
<b>UNITED KINGDOM</b>																
03005 LERWICK	6008N	00111W	84		1001.7	1011.5	14.3	2.9	14.6		8	40	-22	2	157	128
03026 STORNOWAY	5813N	00619W	13		1008.0	1009.8	15.2	2.5	14.1		15	52	-21	2	114	89
03066 KINLOSS	5739N	00334W	7		1010.5	1011.1	16.7	2.5	13.8		10	31	-24	2	144	98
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		1003.9	1011.7	16.2	2.4	14.1		6	13	-47	0	189	120
03100 TIREE	5630N	00653W	12		1009.7	1010.8	14.9	1.6	14.5		16	75	-4	4	123	78
03162 ESKDALEMUIR	5519N	00312W	242		984.1	1012.7	14.9	1.7	14.1		18	167	69	5	115	77
03257 LEEMING	5418N	00132W	40		1009.4	1013.3	17.2	1.7	14.6		8	55	5	3	143	88

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>03302 VALLEY</b>	5315N	00432W	11		1012.1	1013.3	16.5	1.2	15.1		10	40	-13	2	138	70
03334 MANCHESTER AIRPORT	5321N	00217W	68		1005.4	1013.6	17.5	1.7	14.3		11	69	4	4	157	93
<b>03377 WADDINGTON</b>	5310N	00031W	68		1005.9	1013.9	17.6	1.8	14.6		11	87	34	5	163	88
03502 ABERPORTH	5208N	00434W	133		998.4	1014.2	16.1	1.4	14.8		10	72	22	5	130	69
03740 LYNEHAM	5130N	00159W	145		997.7	1014.9	17.4	1.4	14.9		14	82	27	5	195	95
03797 MANSTON	5121N	00121E	55		1009.5	1015.3	18.6	1.9	15.7		11	47	2	5	218	103
<b>03808 CAMBORNE</b>	5013N	00519W	88		1005.3	1015.7	16.2		15.9		16	128		5	114	55
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1014.3	1015.5	17.4	1.1	16.0		9	66	26	5	209	95
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1004.4	1011.9	16.3	1.6	14.8		14	54	-10	3	103	70
<b>IRELAND</b>																
<b>03953 VALENTIA OBSERVATORY</b>	5156N	01015W	30		1010.1	1013.7	15.1	.2	15.1	.6	16	126	53	5	76	50
03955 CORK AIRPORT	5151N	00829W	162		994.3	1013.6	15.1	.5	14.3	.5	13	96	31	5	122	70
03957 ROSSLARE	5215N	00620W	25		1010.4	1013.4	16.0	1.1	15.6	1.4	14	83	32	5	164	80
03967 CASEMENT AERODROME	5318N	00626W	93		1001.5	1012.6	16.4		15.0		12	47			133	85
03973 CONNAUGHT AIRPORT	5345N	00849W	209		987.3	1012.2	14.3		13.8		22	102			107	
<b>03980 MALIN HEAD</b>	5522N	00720W	25		1008.2	1011.2	15.3	1.6	14.7	1.4	17	94	22	5	122	90
<b>ICELAND</b>																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		1001.1	1007.0	11.8		11.1		17	121		3		
04030 REYKJAVIK	6408N	02156W	61		999.7	1007.0	12.3	1.7	11.3	1.0	15	65	14	2	131	77
04063 AKUREYRI	6541N	01805W	27		1005.3	1008.6	11.7	1.2	11.2	1.2	9	47	14	2	110	70
04082 AKURNES	6418N	01513W	21		1005.7	1008.2	11.4		11.9		15	157		6		
<b>GREENLAND</b>																
<b>04210 UPERNAVIK</b>	7247N	05610W	122			1014.1										
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1013.7	6.5	.8	8.2		5	37	10			
<b>04250 NUUK (GODTHAAB)</b>	6410N	05145W	70			1013.3	7.8	1.3	8.6		4	29	-53			
04312 STATION NORD AWS	8136N	01641W	36			1011.0	8.0	4.7	6.5							
<b>04320 DANMARKSHAVN</b>	7646N	01840W	12			1013.0	5.6	1.9	6.2		1	4	-10			
04339 ILLOQQOORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1013.9	6.9		6.7		6	33	11			
<b>04360 TASIILAQ (AMASSALIK)</b>	6536N	03738W	52			1012.8	8.8	2.4	8.0		2	7	-40			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1010.2	7.7	1.2	8.2		3	32	-99			
<b>DENMARK &amp; FAROE IS.</b>																
<b>06011 THORSHAVN</b>	6201N	00646W	55			1009.8	12.0	1.7	12.9		17	76	-5			
06030 AALBORG	5706N	00951E	13			1013.8	18.6	2.9	16.6		11	114				
<b>06186 KOEBENHAVN/LANDBOHOEJTSKOLEN</b>	5541N	01233E	7			1014.2	18.8		17.3		8	66				
06190 ROENNE	5504N	01445E	16			1014.5	18.3	1.3	18.7		5	30				
<b>NETHERLANDS</b>																
06235 DE KOOY	5255N	00447E	14		1015.0	1015.1	18.4	2.2	16.4	1.4	9	41	-23	2	262	128
<b>06260 DE BILT</b>	5206N	00511E	15		1015.1	1015.4	18.8	2.0	15.4	.5	7	30	-45	1	226	121
<b>BELGIUM</b>																
06447 UCCLÉ	5048N	00421E	104		1004.2	1016.0	19.5	2.3	16.2	.9	10	73	-2	3	235	127
<b>LUXEMBOURG</b>																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		973.1	1016.7	19.5		13.6		9	51	-17	2	287	124

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>SWITZERLAND</b>																
06660 ZURICH (TOWN/VILLE) .	4723N	00834E	569		951.7	1016.3	19.8	2.2	14.9	.2	12	111	-7	3	255	121
<b>06680 SAENTIS</b>	4715N	00921E	2500		756.9	3139 Z	7.0	1.9	8.3	1.2	14	240	-75	2	198	117
06700 GENEVE-COINTRIN	4615N	00608E	416		968.9	1016.1	22.5	3.4	14.2	.2	6	41	-24	2	296	116
06770 LUGANO	4600N	00858E	276		983.3	1014.8	23.9	2.8	18.1	1.3	10	204	66	4	277	111
<b>FRANCE</b>																
07005 ABBEVILLE	5008N	00150E	77		1007.3	1016.3	18.3		15.8		7	47			249	115
07015 LILLE	5034N	00306E	52		1010.5	1015.9	19.5		14.8		8	37			219	100
07020 LA HAGUE	4943N	00156E	9		1014.6	1016.2	17.4		17.4		11	60				
07027 CAEN	4911N	00027W	78		1008.6	1016.5	18.6	1.9	15.8		8	86	39	5	204	90
07037 ROUEN	4923N	00111E	157		998.7	1016.5	18.6		15.3		9	76			225	115
07070 REIMS	4918N	00402E	99		1005.7	1016.4	19.9		15.0		9	43			236	100
07110 BREST	4827N	00425W	99		1005.5	1016.7	17.4	1.4	16.0		11	59	13	4	144	63
07117 PLOUMANACH	4850N	00328W	71		1009.6	1016.6	17.7		16.5		9	46				
<b>07130 RENNES</b>	4804N	00144W	37		1011.8	1016.8	19.8		15.8		7	78			227	110
07139 ALENCON	4827N	00007E	144		999.6	1016.4	19.1		15.2		7	76			225	105
07149 PARIS-ORLY	4844N	00224E	96		1005.8	1016.3	21.3		15.1		7	27				
<b>07190 STRASBOURG</b>	4833N	00738E	154		998.4	1016.2	21.0	2.0	16.3		10	59	3	3	263	110
07207 LE TALUT	4718N	00313W	43		1012.7	1017.7	18.9		16.3		8	40				
07222 NANTES	4710N	00136W	27		1014.1	1017.1	20.0	1.0	16.0		8	68	22	4	216	81
07255 BOURGES	4704N	00222E	166		997.6	1016.8	21.3	2.1	15.6		7	47	-4	3	257	99
07280 DIJON	4716N	00505E	227		990.1	1016.2	22.0	2.4	14.4		5	37	-14	2	262	98
07299 BALE-MILHOUSE	4736N	00731E	271		984.8	1016.2	21.0		15.4		10	43			277	115
07314 CHASSIRON	4602N	00125W	22		1015.2	1017.8	20.7		19.4		7	40				
07335 POITIERS	4635N	00019E	129		1003.2	1017.2	20.6		15.5		6	41			247	100
07434 LIMOGES	4552N	00111E	402		971.0	1017.1	20.0		15.9		7	65			269	115
07460 CLERMONT-FERRAND	4547N	00310E	332		978.6	1016.3	21.7		14.5		5	52			305	120
07471 LE BUY	4505N	00346E	833		923.3		18.8		10.4		5	44			299	115
07481 LYON/SATOLAS	4544N	00505E	248		988.5	1015.9	23.3		14.6		5	50			315	110
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1011.5	1017.8	21.9		17.6		9	88	42	5	289	115
07535 GOURDON	4445N	00124E	264		987.0	1017.0	22.0		15.9		6	36			323	125
07560 MONT AIGOUAL	4407N	00335E	1567		847.2		15.1		11.2		4	20				
07591 EMBRUN	4434N	00630E	876		916.6		22.3		10.7		3	18			317	110
07607 MONT-DE-MARSAN	4355N	00030W	63		1011.1	1017.9	22.4		17.9		5	29			285	130
<b>07630 TOULOUSE/BLAGNAC</b>	4338N	00122E	153		998.9	1017.0	24.3		16.2		1	2	-39	0	309	125
07643 MONTPELLIER	4335N	00358E	6		1014.5	1015.4	25.6		17.8		1	5			362	105
07661 CAP CEPET	4305N	00556E	136		999.2	1014.7	24.6		19.3		01	1				
07690 NICE	4339N	00712E	10		1010.7	1013.8	25.3		21.9		1	3	-12	2	388	115
07747 PERPIGNAN	4244N	00252E	48		1010.4	1015.8	26.2		17.3		2	13	-4	2	326	105
07761 AJACCIO	4155N	00848E	9		1013.9	1014.9	25.1		20.8		0	0	-11	1	385	105
07790 BASTIA	4233N	00929E	12		1012.9	1014.3	26.4		22.0		0	0			361	105
<b>SPAIN</b>																
08001 LA CORUNA	4322N	00825W	67		1010.6	1018.5	19.1	.7	17.3	.5	7	92	67	5	267	108
08015 OVIEDO	4321N	00552W	339		978.5	1017.7	18.9	.8	17.1	.5	6	58	3	4	151	85
08023 SANTANDER	4328N	00348W	59		1012.2	1019.1	20.0	.7	19.0	1.5	7	33	-18	2	223	105
<b>08027 SAN SEBASTIAN/IGUELDO</b>	4318N	00203W	259		988.3	1018.3	19.5	1.1	18.0	.2	6	39	-39	2	210	108

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
08045 VIGO/PEINADOR	4213N	00838W	255		989.7	1019.7	19.0	-1	17.3	.5	6	102	64	5	287	99
08075 BURGOS/VILLAFRIA	4222N	00338W	891		917.2	1547 Y	21.0	2.6	13.8	.0	3	17	-10	2	330	102
08084 LOGRONO/AGONCILLO	4227N	00220W	363		974.9	1015.7	24.4	2.3	14.8	-1.1	1	2	-20	1	355	116
08141 VALLADOLID	4139N	00446W	739		932.9	1014.0	22.4	1.0	12.3	1.1	4	28	11	4	384	107
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		985.5	1014.4	27.0	2.7	16.0	1.0	0	T	-15	1	384	112
<b>08181 BARCELONA/AEROPUERTO</b>	4117N	00204E	6		1015.9	1016.4	27.0	4.1	24.2	3.4	0	T	-22	1	323	105
08184 GERONA/COSTA BRAVA	4154N	00246E	129		1001.0	1015.7	25.4	2.3	18.0	-.4	3	40	2	4	291	105
<b>08202 SALAMANCA/MATACAN</b>	4057N	00530W	795		927.9	1015.6	21.1	.1	11.8	-1.6	1	20	2	4	375	103
08221 MADRID/BARAJAS	4027N	00333W	582		949.3	1013.5	24.8	.5	9.5	-4.2	0	T	-8	2	420	120
08238 TORTOSA	4049N	00030E	50		1009.3	1014.9	27.8	2.5	22.7	2.9	2	25	12	5	327	103
08261 CACERES	3928N	00620W	405		971.4	1016.7	25.4	-2	12.7	.5	0	T	-5	2	395	105
<b>08280 ALBACETE/LOS LLANOS</b>	3857N	00151W	704		937.3	1013.9	26.5	2.4	12.8	-.9	1	4	-5	3	359	103
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1008.0	1015.1	27.3	2.6	22.5	1.8	0	T	-16	2	368	117
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1015.5	1016.1	26.9	3.1	24.7	3.8	0	T	-9	2	369	111
08314 MENORCA/MAHON	3952N	00414E	82		1006.3	1016.0	27.3	3.1	23.4	3.2	0	T	-3	3	369	106
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		994.7	1015.7	25.2	-.1	15.1	-.9	1	2	-1	3	394	107
08348 CIUDAD REAL	3859N	00355W	629		945.2	1013.9	27.3	2.3	13.0	-3.0	0	0	-10	2	390	107
08359 ALICANTE	3822N	00030W	82		1006.1	1015.4	27.2	2.1	23.9	2.8	0	0	-4	3	339	99
08373 IBIZA/ES CODOLA	3852N	00123E	12		1013.9	1015.9	27.7	2.8	25.7	2.9	0	T	-5	3	337	99
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1011.2	1014.7	28.6		15.8		0	0		5	381	105
<b>08410 CORDOBA/AEROPUERTO</b>	3751N	00451W	92		1005.3	1015.7	27.9	1.0	16.2	-.1	0	0	-5	3	382	107
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1014.9	1015.2	26.0	2.1	28.0	5.0	0	0	-6	3	354	126
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1013.4	1016.5	25.7	.6	16.9	-2.0	0	0	-1	4	362	102
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1014.4	1015.2	26.8	2.0	19.4	.5	0	0	-1	4	364	105
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.0	1014.4	25.7	.3	20.5	-1.0	0	0	-1	4	354	104
<b>GIBRALTAR</b>																
08495 GIBRALTAR	3609N	00521W	5		1015.1	1015.7	24.5								336	95
<b>PORTUGAL</b>																
<b>08506 HORTA (ACORES)</b>	3831N	02838W	62		1017.0	1024.3	21.5	.4	21.6	1.4	7	25	-10	2	181	78
<b>08535 LISBOA/GEOP</b>	3843N	00909W	95		1006.6	1017.7	22.3	-.1	19.1	2.1	1	2	-3	1	348	99
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1004.4	1016.1	19.6	-.3	17.6	.2	5	33	17	5	292	95
08558 EVORA/C. COORD	3832N	00754W	246		988.8	1017.2	23.3		14.3		1	3				
08575 BRAGANCA	4148N	00644W	692		938.9	1017.1	21.4	.3	13.8	.8	4	12	-5	3		
<b>GERMANY</b>																
10035 SCHLESWIG	5432N	00933E	48		1009.0	1014.7	18.6	2.8	16.3	2.0	11	71	-21	2	239	112
10055 WESTERMARKELSDORF	5432N	01104E	9		1013.7	1014.7	19.0		17.4		7	41			275	110
10091 ARKONA	5441N	01326E	42		1009.7	1014.6	18.2		16.8		9	71			260	100
<b>10147 HAMBURG-FUHLBUETTEL</b>	5338N	00959E	15		1013.2	1014.9	19.4	2.6	15.6	1.1	8	38	-44	1	212	103
10162 SCHWERIN	5339N	01123E	68		1006.9	1014.9	19.4		15.5		10	59		3	225	105
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1013.1	1014.5	19.2	2.4	17.1	2.0	10	109	38	5	251	108
10184 GREIFSWALD	5406N	01324E	6		1014.0	1014.7	19.0		17.2		8	50		3	232	95
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1014.1	1014.7	18.5		16.2		10	42			224	110
10261 SEEHAUSEN	5254N	01144E	23		1012.0	1014.7	19.7		14.8		12	62			216	105
10270 NEURUPPIN	5254N	01249E	39		1009.9	1015.1	19.9		16.3		12	38		2	231	105
10291 ANGERMUENDE	5302N	01400E	35		1008.4	1014.8	19.4		16.3		13	106			208	85
10338 HANNOVER	5228N	00941E	59		1008.6	1015.6	19.5	2.3	15.3	.6	9	39	-23	2	216	100

## SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
10361	MAGDEBURG	5208N	01136E	85	1005.7	1015.7	19.7		14.8		10	47		4	225	100
10379	POTSDAM	5223N	01304E	100	1003.6	1015.3	20.2	2.3	15.6	1.3	11	50	-2	3	237	103
10384	BERLIN-TEMPELHOF	5228N	01324E	49	1009.3	1015.1	20.6		15.8		11	58			219	95
<b>10393</b>	<b>LINDENBERG</b>	5213N	01407E	104	1003.3	1015.5	19.8	1.9	16.0	2.1	10	65	12	4	206	90
10410	ESSEN	5124N	00658E	161	997.1	1015.9	19.2	1.8	14.7	.3	10	73	-16	3	219	118
10453	BROCKEN	5148N	01037E	1153	886.5	1505 Y	12.5		11.5		14	134			173	100
10469	LEIPZIG-SCHKEUDITZ	5125N	01214E	149	999.8	1015.6	20.1		14.4		7	65		5	233	110
10488	DRESDEN-KLOTZSCHE	5108N	01345E	232	988.8	1015.8	19.6		14.7		12	109			217	100
10499	GOERLITZ	5110N	01457E	240	987.5	1015.1	19.0	1.7	14.8	.7	9	93	23	5	214	97
10548	MEININGEN	5034N	01023E	453	963.8	1015.9	18.5		13.6		6	39		2	226	105
10554	ERFURT-BINDERSLEBEN	5059N	01058E	322	978.4	1015.6	18.8		14.4		6	27			225	100
10567	GERA-LEUMNITZ	5053N	01208E	311	979.2	1015.2	19.0		14.2		10	49			230	105
10578	FICHTELBERG	5026N	01257E	1215	881.4	1519 Y	12.7	1.5	12.2	1.5	13	135	23	4	191	100
10609	TRIER-PETRISBERG	4945N	00640E	273	984.3	1015.9	19.9	2.3	14.6	.5	10	38	-32	1	256	114
10628	GEISENHEIM	4959N	00757E	123	1002.0	1016.4	20.8	2.2	14.6	.2	8	43	-14	2	252	113
10727	KARLSRUHE	4902N	00822E	145	999.5	1016.3	21.7	2.1	16.2	1.1	10	64	-6	3	289	118
10738	STUTTGART- ECHTERDINGEN	4841N	00914E	391	971.3	1016.2	19.9		13.5		8	42		1	269	115
10763	NUERNBERG	4930N	01103E	318	979.7	1016.4	19.7	1.4	14.0	.1	7	41	-28	2	255	109
10870	MUENCHEN, FLUGHAFEN	4822N	01148E	447	965.0	1016.0	19.5	2.2	14.3	.6	8	83	-17	2	254	109
10929	KONSTANZ	4741N	00911E	447	965.4	1016.3	20.7	2.2	16.1	1.0	12	72	-30	2	266	109
10946	KEMPTEN	4743N	01020E	705	936.6	1016.3	17.9		14.3		12	154			251	110
10961	ZUGSPITZE	4725N	01059E	2962	714.7	3131 Z	3.7	1.5	7.0	.6	15	144	-39	2	144	83
<b>10962</b>	<b>HOHENPEIßENBERG</b>	4748N	01101E	986	906.4	1531 Y	17.2	2.2	12.6	.0	13	150	-11	3	264	115
<b>AUSTRIA</b>																
11028	ST. POELTEN	4811N	01537E	284	981.8	1014.4	20.4		16.0	1.4	11	74	-19	2	217	88
11035	WIEN/HOHE WART	4814N	01621E	209	990.8	1014.7	21.6		16.8	2.0	7	36	-27	1	257	104
11120	INNSBRUCK-FLUGHAFEN	4716N	01121E	593	948.5	1015.7	19.4		15.6		12	110		2	267	125
<b>11146</b>	<b>SONNBLICK</b>	4703N	01257E	3111	703.8	3154 Z	3.4		7.3	.9	15	198	-51	5	190	107
11150	SALZBURG-FLUGHAFEN	4748N	01300E	450	965.1	1016.6	19.9		14.2	-2	15	146	-14	2	253	113
11155	FEUERKOGEL	4749N	01344E	1621	840.2	1523 Y	12.6		11.4		13	229		2	213	110
11212	VILLACHERALPE	4636N	01340E	2160	788.6	1532 Y	10.2		10.0		12	161		3	261	110
11231	KLAGENFURT-FLUGHAFEN	4639N	01420E	476	961.5	1015.7	20.7		16.3	1.5	13	116	0	3	275	109
11240	GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347	973.1	1014.4	22.1		15.5	-.4	11	147	21	4	288	121
<b>CZECH REPUBLIC</b>																
11423	PRIMDA	4940N	01240E	748	931.5		17.4		13.7		11	56		3	255	110
<b>11464</b>	<b>MILESOVKA</b>	5033N	01356E	836	921.4		16.3		13.8		9	90		5	232	100
11487	KOCELOVICE	4928N	01350E	522	956.3	1016.0	18.5		13.4		10	45		2	245	105
11518	PRAHA/RUZYNE	5006N	01415E	380	973.9	1016.0	18.9	1.8	14.4	.6	8	74	8	4	227	100
11520	PRAHA-LIBUS	5000N	01427E	303	981.0	1016.1	19.4		14.5		8	56		2	237	105
11603	LIBEREC	5046N	01501E	399	969.6	1015.9	18.0		14.1		8	86			227	
11659	PRIBYSLAV	4935N	01546E	536	954.8	1016.1	18.1		14.0		11	84		3	214	95
11723	BRNO/TURANY	4910N	01642E	246	986.9	1015.3	20.0	1.5	15.4	1.2	10	66	2	4	230	98
11782	OSTRAVA/MOSNOV	4941N	01807E	260	985.1	1015.2	19.5	1.7	16.4	1.8	11	109	18	4	212	98
<b>SLOVAKIA</b>																
11903	SLIAC	4839N	01909E	315	978.0	1014.2	20.3	2.2	14.2	-.1	9	147	89	6	260	112
<b>11934</b>	<b>POPRAD/TATRY</b>	4904N	02015E	695	935.5		17.0	1.5	12.9	.2	12	97	29	5	210	95



## SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>POLAND</b>																
12120	LEBA	5445N	01732E	2	1013.5	1014.2	18.1		17.6		13	97		4	208	
12160	ELBLAG	5410N	01926E	43	1008.9	1014.0	19.2		17.8		10	118		4	189	90
12205	SZCZECIN	5324N	01437E	3	1014.1	1014.9	19.5	1.8	16.8	1.8	10	91		4	226	110
12295	BIALYSTOK	5306N	02310E	151	995.6	1013.3	20.0	2.7	16.6	1.7	12	47	-33	1	276	120
12330	POZNAN	5225N	01650E	92	1004.6	1015.0	19.5	1.5	17.1	3.0	12	133	64	5	210	96
12375	WARSZAWA-OKECIE	5210N	02058E	107	1001.4	1013.9	20.2	2.2	18.0	3.2	11	133	64	5		
12424	WROCLAW II	5106N	01653E	121	1000.9	1015.5	19.4	1.7	15.9	1.0	9	72	-12	3	210	102
12497	WLODAWA	5133N	02332E	179	992.4	1013.4	20.0		16.9		7	46		1	244	100
12566	KRAKOW	5005N	01948E	237	987.2	1015.0	19.4	1.9	16.7	1.8	12	126	41	5	186	92
<b>HUNGARY</b>																
12843	BUDAPEST/LORINC	4726N	01911E	139	997.9	1014.1	22.7	1.9	15.8	.7	8	63	11	4	292	107
12882	DEBRECEN	4729N	02136E	109	1000.8	1013.4	21.7	1.4	17.1	1.0	10	129	64	5	250	89
12942	PECS/POGANY	4606N	01814E	203	991.3	1014.9	22.3	1.8	15.9	.4	9	75	14	4	286	98
12982	SZEGED	4615N	02006E	83	1004.3	1013.9	22.6	1.8	16.4	.4	6	51	1	4	283	99
<b>SLOVENIA</b>																
14008	KREDARICA	4623N	01351E	2515	755.6	3143 Z	7.9		8.4		13	220		3	239	120
14015	LJUBLJANA/BEZIGRAD	4604N	01431E	298	981.1	1015.1	22.6		15.9		9	120		3	294	110
<b>CROATIA</b>																
14236	ZAGREB/GRIC	4549N	01559E	162	995.6	1014.2	23.5		17.1		8	79		3	297	110
14445	SPLIT/MARJAN	4331N	01626E	128	998.4	1012.9	27.8		17.2		1	34		4		
<b>BOSNIA AND HERZGOVINA</b>																
14654	SARAJEVO/BEJELAVE	4352N	01826E	638	943.4	1014.8	20.7	1.8	13.8	-.1	11	65	-15	3	276	108
<b>ROMANIA</b>																
15085	BISTRITA	4708N	02430E	367	970.6	1012.8	19.9	1.6	15.6	-.1	11	91	4	4	236	91
15090	IASI	4710N	02738E	104	1000.1	1012.1	21.2	.7	17.0	.0	12	116	33	5	247	91
15120	CLUJ-NAPOCA	4647N	02334E	413	966.0	1013.3	19.9	1.7	15.1	-.3	15	128	47	5	249	91
15247	TIMISOARA	4546N	02115E	88	1003.2	1013.1	22.4	1.3	16.3	-.3	10	55	-9	3	286	95
15260	SIBIU	4548N	02409E	444	961.7	1013.2	19.7	1.0	15.2	-.9	11	101	15	4	199	81
15360	SULINA	4509N	02940E	9	1010.8	1011.5	22.0	.0	19.0	-2.1	4	14	-12	2	325	106
15420	BUCURESTI/IMH	4430N	02608E	91	1001.5	1011.8	22.7	.7	15.1	-2.6	6	45	-19	3	295	102
15480	CONSTANTA	4413N	02838E	14	1011.5	1013.0	23.1	1.1	22.1	2.3	5	33	3	4	327	103
<b>BULGARIA</b>																
15552	VARNA	4312N	02755E	43	1007.1	1012.1	23.1	1.1	20.1	.9	6	36	-1	3	322	114
15614	SOFIA (OBSERV.)	4239N	02323E	595	946.2	1012.9	21.4	1.6	15.0	.6	3	16	-40	1	327	114
<b>ITALY</b>																
16045	UDINE/RIVOLTO	4559N	01302E	53	1008.1	1014.2	24.5		18.3		6	66	-13	3	196	81
16158	PISA/S. GIUSTO	4341N	01023E	6	1014.0	1014.7	26.7		22.6		1	23	-1	4	339	107
16325	MARINA DI GINOSA	4026N	01653E	12	1010.1	1011.4	27.6		23.1		3	10	-5	3		
16420	MESSINA	3812N	01533E	51	1007.9	1014.1	28.9		28.1		0	0	-19	1	350	106
16429	TRAPANI/BIRGI	3755N	01230E	14	1013.9	1015.0	27.1		23.7		0	0	-2	3	355	102

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>MALTA</b>																
16597 LUQA	3551N	01429E	91		1006.5	1014.7	28.8	2.9	23.6	1.6	0	T	-1	4	367	100
<b>GREECE</b>																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1012.5	1013.1	27.7	1.2	19.1	.8	2	23	-2	3	342	105
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1011.3	1011.7	28.5	2.1	22.8	3.1	00	0	-7	2	335	92
16648 LARISSA (AIRPORT)	3938N	02225E	74		1003.7	1012.0	28.2	1.1	16.9	.9	4	28	8	4	361	107
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1009.7	1011.5	29.1	1.3	18.8	.9	00	T	-5	3	377	104
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1010.0	1011.3	27.7	1.2	20.3	.7	1	4	1	4	364	102
16746 SOUDA (AIRPORT)	3529N	02407E	151		993.8	1011.0	28.2	1.8	18.4	1.2	00	0	-1	5	393	105
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1006.1	1010.6	27.6	1.5	20.8	1.3	00	0	-1	5	395	106
<b>TURKEY</b>																
17022 ZONGULDAK	4127N	03148E	137		996.4	1012.2	22.4	.9	19.8	1.3	12	92	12	4	318	95
17030 SAMSUN	4117N	03618E	4		1011.3	1011.8	23.7	1.0	21.7	1.2	4	37	9	4	298	115
17034 GIRESUN	4055N	03823E	37		1006.4	1010.8	23.1	.7	21.0	.0	7	65	-10	3		
17040 RIZE	4102N	04031E	9		1008.9	1009.9	23.3	1.1	21.3	.1	14	204	69	5	178	135
17050 EDIRNE	4140N	02634E	51		1006.4	1012.3	25.3	1.1	16.7	.3	3	45	19	5	346	100
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1008.0	1011.8	25.0	1.8	21.2	1.5	1	4	-15	2	370	105
17074 KASTAMONU	4122N	03347E	800		921.6	1010.3	20.3	.6	13.0	-4	2	6	-27	1	304	95
17084 CORUM	4033N	03457E	776		923.0	1008.6	21.7	1.1	13.3	.4	01	1	-18	1	329	105
17090 SIVAS	3945N	03701E	1285		869.2	1006.6	20.4	.7	13.6	2.0					361	95
17092 ERZINCAN	3945N	03930E	1218		873.8	1002.6	24.0	.4	16.0	3.3	1	18	8	4	310	85
17096 ERZURUM	3957N	04110E	1758		820.5	1002.6	18.9	-.6	10.1	-1.4	5	26	-1	3	330	90
17098 KARS	4037N	04306E	1775		819.1	1004.2	17.0	-.3	13.5	.7	11	77	28	5	305	90
17112 CANAKKALE	4008N	02624E	6		1011.8	1012.5	25.6	1.1	19.6	-.2					376	100
17116 BURSA	4011N	02904E	100		999.7	1011.1	25.3	1.2	17.9	.4					371	105
17130 ANKARA/CENTRAL	3957N	03253E	891		910.7	1007.5	23.5	.6	13.9	2.0	1	3	-10	1	361	95
17170 VAN	3827N	04319E	1662		827.3	998.2	23.1	1.2	15.4	3.7					382	100
17188 USAK	3841N	02924E	919		907.3	1007.1	23.7	.6	13.4	-1.2						
17190 AFYON	3845N	03032E	1034		896.2	1008.0	22.5	.8	13.5	1.3					372	105
17199 MALATYA/BOLGE	3821N	03819E	948		901.5	1002.5	27.1		12.0		1	3		4	401	100
17210 SIIRT	3755N	04157E	896		903.7	998.2	29.9	-.5	10.9	.1					378	95
17220 IZMIR/GUZELYALT	3826N	02710E	29		1005.7	1009.0	28.5	1.0	20.7	2.1					382	100
17240 ISPARTA	3745N	03033E	997		899.5	1006.9	24.0	.8	14.7	2.4					391	110
17244 KONYA	3758N	03233E	1031		895.4	1006.1	23.6	.3	9.2	-2.9					358	95
17250 NIGDE	3758N	03441E	1210		876.9	1005.8	23.0	1.0	11.8	.6	0	T	-5	2	383	100
17255 KAHRAMANMARAS	3736N	03656E	572		939.8	1002.0	28.3	.4	21.7	3.9					329	100
17270 SANLIURFA	3708N	03846E	549		940.6	999.1	32.6	1.1	13.4	.9					387	95
17280 DIYARBAKIR	3753N	04012E	677		925.7	997.3	31.5	.4	6.3	-5.9					387	95
17285 HAKKARI	3734N	04346E	1728		824.6	1009.9	26.1	1.4	13.3	2.4					396	100
17292 MUGLA	3713N	02822E	646		936.0	1006.5	26.7	.8	14.8	1.0	1	3	-6	3	317	85
17300 ANTALYA	3642N	03044E	54		995.7	1005.2	29.7	1.6	20.5	-.7					398	105
17340 MERSIN	3648N	03438E	3		1004.2	1004.6	29.3	1.9	29.5	1.4	1	10	-3	5	326	105
17351 ADANA/BOLGE	3659N	03521E	27		1002.2	1005.3	28.7		29.1		1	1		4	341	100
<b>CYPRUS</b>																
17609 LARNACA AIRPORT	3453N	03338E	2		1004.6	1004.9	28.6	2.0	23.8		0	0	0		411	106

## SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>RUSSIAN FEDERATION (EUROPE)</b>																
22113 MURMANSK	6858N	03303E	51		1010.1	1016.1	15.5	2.9	12.4	1.8	7	65	4	4	308	131
22165 KANIN NOS	6839N	04318E	49		1010.7	1016.8	10.6	1.6	10.8	.8	8	55	20	5	219	95
22550 ARHANGEL'SK	6430N	04044E	8		1016.1		19.7	4.0	15.5	2.2	5	40	-21	2	416	138
22602 REBOLY	6350N	03049E	182		994.0	1015.2	19.6	3.8	13.5	.9	7	45	-18	5	322	113
22837 VYTEGRA	6101N	03627E	56		1008.5	1015.0	20.7	4.1	17.9	3.8	10	54	-14	3	363	126
26063 ST. PETERBURG	5958N	03018E	6		1013.6	1014.3	21.4	3.7	18.7	4.2	10			4	284	106
<b>LATVIA</b>																
26346 ALUKSNE	5726N	02702E	193		990.3	1013.5	19.1		18.0		12	138			244	90
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26477 VELIKIE LUKI	5621N	03037E	106		1000.6	1012.6	19.9	3.1	18.0	3.1	13	88	1		274	103
<b>LITHUANIA</b>																
26509 KLAJPEDA	5544N	02104E	7		1012.4	1013.3	19.9	3.3	18.4	3.3	10	87	13	4	339	124
26524 SIAULIAI	5556N	02319E	107		1000.5	1013.0	20.2	3.5	17.3	3.1	8	32	-42	1	287	110
26629 KAUNAS	5453N	02350E	77		1004.2	1013.3	20.1	3.2	17.9	3.1	10	118	38		287	112
26730 VILNIUS	5438N	02506E	156		994.7	1012.8	19.7	2.8	17.2	3.2	15	92	14		249	114
<b>BELARUS</b>																
26850 MINSK	5356N	02738E	231		986.8	1012.7	19.8	2.5	16.8	2.8	10	152	64	5	247	96
<b>RUSSIAN FEDERATION (EUROPE)</b>																
27037 VOLOGDA	5919N	03955E	130		1000.0	1015.2	19.4	2.4	17.3	2.5	5	71	-6	3	338	124
27199 KIROV	5836N	04938E	158		996.5	1015.0	20.3		15.9		2	29		1	401	140
27595 KAZAN'	5536N	04917E	116		1000.6	1014.5	20.9	1.3	17.7	2.3	11	101	33	5	332	114
27612 MOSKVA	5550N	03737E	156		995.7	1013.8	20.6	2.4	17.7	2.8	6	66	-27			
<b>UKRAINE</b>																
33345 KYIV	5024N	03034E	167		993.0	1012.3	21.3	2.0	16.9	1.4	9	61	-27	2		
33393 L'VIV	4949N	02357E	323		976.6	1013.9	18.8	1.5	16.9	2.2	14	118	16	4	207	81
33506 POLTAVA	4936N	03433E	160		993.1	1011.7	20.2	.1	17.6	2.5	12	222	151	5		
33562 VINNYTSIA	4914N	02836E	298		977.8	1011.9	19.6	1.4	16.8	1.7	12	164	71	5	259	97
33587 UMAN'	4846N	03014E	216		987.2	1012.1	20.3	1.4	16.8	1.2	9	63	-24	2		
33631 UZHHOROD	4838N	02216E	124		999.8	1013.4	21.7	1.8	16.7	1.4	12	80	-5	3	276	101
33658 CHERNIVTSI	4822N	02554E	246		984.3	1012.7	20.0	1.3	16.9	1.6	18	209	106	5	239	97
<b>REPUBLIC OF MOLDOVA</b>																
33815 KISINEV	4701N	02859E	173		990.9	1011.6	21.6	.7	17.4	1.9	13	113	44	5	288	96
<b>UKRAINE</b>																
33837 ODESA	4626N	03046E	42		1006.6	1011.5	21.6	.1	19.1	2.1	7	44	-5	3	312	99
33846 MIKOLAIV	4702N	03157E	50		1005.3	1011.0	21.6	-.7	17.5	1.6	13	58	2	3		
33889 IZMAIL	4522N	02851E	30		1008.2	1011.7	22.8	1.0	17.3	.5	12	48	-3	3	307	100
33910 HENICHES'K	4610N	03449E	15		1008.8	1010.5	22.1	-.7	19.8	1.9	13	104	65	5	274	84
33915 ASKANIYA-NOVA	4627N	03353E	30		1007.3	1010.8	21.8	-.5	17.5	2.3	10	86	44	5	280	89
33946 SIMFEROPOL'	4441N	03408E	181		990.0	1010.8	20.6	-.8	17.5	1.8	14	131	76	5	292	86

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
33983 KERCH	4524N	03625E	49		1004.8	1010.5	22.0	- .8	18.9	.9	6	77	43	5	287	86
33990 YALTA	4529N	03410E	72		1002.5	1010.8	22.2	-1.0	17.7	.8	8	55	19	4	272	86
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34123 VORONEZ	5142N	03913E	149		995.4	1012.7	20.1		17.1		12	109		5		
34172 SARATOV	5134N	04602E	156		989.2	1012.5	20.0	-1.4	16.5	1.8	10	62	15	3	316	99
<b>UKRAINE</b>																
34300 KHARKIV	4958N	03608E	155		993.9	1012.0	20.3	.0	17.7	2.5	15	158	98	5	243	89
<b>KAZAKHSTAN</b>																
34398 ZHALPAKTAL	4940N	04929E	10		1009.8	1011.0	23.3	- .8	16.8	3.2	9	107	85			
<b>UKRAINE</b>																
34519 DONETS'K	4804N	03746E	225		985.3	1011.3	20.2	- .6	17.5		9	70	22	4		
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34880 ASTRAHAN'	4617N	04803E	-23		1013.0	1010.6	24.6	- .6	18.2	.9	4	34	20	5		
<b>ARMENIA</b>																
37789 YEREVAN	4008N	04428E	907		884.2	1455 Y	24.3	-1.7	17.1	2.8	3	30	20	5	363	106
<b>UZBEKISTAN</b>																
38178 AK-BAJTAL	4309N	06420E	234		980.0	1006.0	28.5	-1.2	15.9	4.2	1	2	-2	3	368	94
<b>SYRIAN ARAB REPUBLIC</b>																
40001 KAMISHLI	3703N	04113E	455		948.4	997.4	32.7	.5	11.6	1.6	0	0	-1	0		
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		958.6	1002.1	29.3	1.0	16.4	.4						
40022 LATTAKIA	3532N	03546E	7		1004.2	1005.0	27.3	1.0	27.5	1.8					346	106
40030 HAMA	3507N	03645E	303		969.1	1002.8	29.3	1.1	15.9	2.2						
40045 DEIR EZZOR	3519N	04009E	212		977.0	1000.1	33.9	1.3	16.0	4.8						
40061 PALMYRA	3433N	03818E	404		956.8	1000.9	30.2	.8	14.9	1.8					403	106
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		936.3	1002.6	27.5	1.2	14.3	1.1					388	106
<b>LEBANON</b>																
40100 BEYROUTH (AEROPORT)	3349N	03529E	19		1003.4	1006.3	27.5	1.8	26.9						291	
40103 TRIPOLI	3427N	03548E	5		1005.5	1006.2	26.5		31.5		0	0		0		
<b>ISRAEL</b>																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1001.7	1006.3	27.5		22.7		0	0		5		
40199 EILAT	2933N	03457E	12		1004.7	1005.1	33.6	1.2	14.6		0	0		5	364	95
<b>JORDAN</b>																
40310 MA'AN	3010N	03547E	1070		889.5	1466 Y	25.7	.2	15.5	3.9	0	0	0	0	375	98
<b>ASIA</b>																
<b>RUSSIAN FEDERATION (IN ASIA)</b>																

## SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
20069 OSTROV VIZE	7930N	07659E	10		1006.7	1007.9	- .2	- .7	5.7	- .3	5	13	-11	2	135	109
20292 GMO IM.E.K. FEDOROVA	7743N	10418E	15		1003.6	1005.4	1.2	- .1	5.9	- .4	8	29	-1		158	98
20674 OSTROV DIKSON	7330N	08024E	47		1005.7	1011.5	2.1	-2.3			2	11	-27	0	118	53
20891 HATANGA	7159N	10228E	33		1004.0	1008.0	11.2	-1.3	9.4	- .4	4	13	-19	1	269	87
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1006.7	1007.7	3.0	.5			10	37	6		166	99
23205 NAR'JAN-MAR	6738N	05302E	12		1015.1	1016.5	14.3	1.0	10.4	- .8	6	16	-32	1	323	122
23330 SALEHARD	6632N	06640E	16		1012.5	1014.6	14.9	.5	11.7	- .3	6	45	-24		335	109
23472 TURUHANSK	6547N	08756E	38		1004.4	1008.9	14.6	-2.0	11.7	-1.0	5	62	1	3	272	85
23552 TARKO-SALE	6455N	07749E	27		1008.0	1011.3	15.0	-1.3	12.6	- .1	14	79	16	6	261	88
23724 NJAKSIMVOL'	6226N	06052E	51		1009.1	1015.2	17.6	.6	12.7	- .9	5	32	-44		344	118
23804 SYKTYVKAR	6143N	05050E	119		1002.1	1016.0	18.7	1.5	14.9	.9	8	71	-9	3	356	128
23884 BOR	6136N	09001E	58		1001.9	1008.6	17.0	-1.1	13.5	- .3	5	58	-8	3	297	99
23933 HANTY-MANSIJSK	6101N	06902E	46		1008.1	1013.7	17.8	- .3	13.6	-1.2	5	16	-65		385	127
24125 OLENEK	6830N	11226E	220		981.3	1007.1	14.6	- .3	10.7	.5	10	123	73		290	87
24143 DZARDZAN	6844N	12400E	39		1003.0	1007.6	15.9	1.3	13.4	2.2	8	53	13			
24266 VERHOJANSK	6733N	13323E	137		991.7	1007.8	17.2	2.0	14.0	3.8	8	36	0		368	113
24507 TURA	6416N	10014E	168		984.6	1006.3	17.0	.5	11.4	- .4	9	67	5	4		
24641 VILJUJSK	6346N	12137E	111		994.0	1008.3	20.8	2.7	14.9	4.0	2	41	-5		354	104
24688 OJMJAKON	6315N	14309E	741		925.9	1009.1	17.9	4.1	11.7	2.2	5	24	-26		393	132
24738 SUNTAR	6209N	11739E	133		989.6	1006.0	20.1	2.6	14.7	2.7	3	30	-21		351	108
24959 JAKUTSK	6201N	12943E	101		994.0	1006.5	21.5	2.8	15.9	3.4	7	100	61		339	98
25173 MYS SHMIDTA	6854N	17922W	4		1010.1	1010.5	6.2	1.9	7.7	.5	7	21	-15			
25248 ILIRNEJ	6715N	16758E	353		968.9	1010.3	15.4	3.3	10.0	.5	5	12	-34			
25325 UST'-OLOJ	6633N	15925E	127		995.7	1010.7	17.1	4.1	11.3	1.2	6	22	-29			
25399 MYS UELEN	6610N	16950W	3		1011.6	1011.9	7.1	.8	8.8	.3	9	36	-4			
25400 ZYRJANKA	6544N	15054E	43		1004.6	1009.6	20.4	5.1	15.5	4.0	3	11	-36		424	140
25563 ANADYR'	6447N	17734E	61		1004.4	1011.7	13.3	2.7	11.2	.9	6	19	-20			
25703 SEJMCCHAN	6255N	15225E	205		985.5	1009.8	19.9	4.5	15.4	4.4	5	42	-3	3	359	140
25954 KORF	6021N	16600E	4		1014.2	1014.6	15.1	3.3	12.7	1.4	3	24	-32	1	286	152
28224 PERM'	5801N	05618E	171		994.5	1014.3	19.2		15.9	7	7	46			369	20
28275 TOBOL'SK	5809N	06815E	50		1006.9	1012.5	17.8	- .9	14.1	-1.3	5	55	-18	2	327	110
28440 EKATERINBURG	5650N	06038E	283		980.6	1013.1	19.1	.6	14.8	.6	10	83	3	4		
<b>KAZAKHSTAN</b>																
28679 PETROPAVLOVSK	5450N	06909E	142		994.4	1011.0	18.1	-1.7	14.5	- .6	7	52	-6	3	264	86
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
28698 OMSK	5501N	07323E	122		995.3	1009.7	17.6	-2.1	13.8	- .9	12	138	77		245	76
<b>KAZAKHSTAN</b>																
28766 BLACOVESCENSKA	5422N	06658E	151		993.2	1010.7	18.7		15.1		6	26		2		
28879 KOKSHETAY	5317N	06923E	229		983.4	1010.1	18.3	-1.9	15.3	1.0	10	40	-28	2	261	83
28952 KUSTANAI	5313N	06337E	156		994.1	1011.8	19.2	-1.8	15.8	1.3	9	100	43		317	99
28966 RUZAEVKA	5249N	06658E	227		983.9	1010.2	18.0		14.4		10	96				
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29231 KOLPASEVO	5819N	08257E	75		1000.4	1009.3	16.9	-1.5	13.8	-1.3	7	64	-3		374	120
29263 ENISEJSK	5827N	09209E	79		998.5	1007.8	19.1	.6	14.3	- .5	5	36	-22	1	338	110
29282 BOGUCANY	5823N	09727E	133		990.8	1006.2	19.7	1.1	14.0	- .1	4	19	-32	1	263	90

## SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		975.7	1007.8	18.2		15.0		9	50		1		
<b>KAZAKHSTAN</b>																
29807 IRTYSHSK	5321N	07527E	94		997.7	1008.2	19.3	-1.7	12.7	-2.0	8	99	49			
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29838 BARNAUL	5326N	08331E	184		986.7	1008.1	18.5	-1.4	14.6	-0.6	8	45	-15		256	80
29866 MINUSINSK	5342N	09142E	254		977.9	1007.3	18.7	-0.9	15.2	0.4	8	93	28	4	270	108
30469 KALAKAN	5507N	11646E	613		934.2	1003.3	17.2	0.8	15.1	1.7	12	71	-23	2	236	101
30554 BAGDARIN	5428N	11335E	903		904.1	1004.5	16.2	1.3	11.6	-0.2	13	76	-30	2		
30635 UST' -BARGUZIN	5325N	10901E	461		952.3	1005.0	15.9	1.0	15.2	2.1	6	48	-28	2		
30673 MOGOCA	5345N	11944E	625		934.0	1004.7	16.5	-0.1	14.7	1.0	9	48	-62	0	192	83
30758 CHITA	5205N	11329E	671		928.4	1003.2	18.8	1.0	13.2	-0.6	11	72	-31	2	208	84
31004 ALDAN	5837N	12522E	79			1006.3	17.1	0.9	13.7	1.6	12	149	62		242	88
31088 OHOTSK	5922N	14312E	6		1014.0	1014.7	12.7	0.7	13.5	1.0	7	16	-59	1	104	58
31168 AJAN	5627N	13809E	8		1012.7	1013.8	11.5	-0.3	12.9	0.9	11	106	-41		60	39
31253 BOMNAK	5443N	12856E	357		966.1	1008.0	17.4	-0.3	16.2	1.4	12	93	-37	2	184	77
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1004.3	1012.3	17.1	0.5	15.0	-0.2	1	6	-66			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1001.5	1010.0	18.7	0.8	17.1	1.6	9	69	-18		251	106
31510 BLAGOVESCENSK	5015N	12734E	132		989.9	1005.0	20.6	-0.6	20.0	1.0	15	231	98			
31735 HABAROVSK	4831N	13510E	76		998.8	1009.3	21.0	-0.2	18.5	-0.7	7	78	-67		262	106
31960 VLADIVOSTOK	4307N	13154E	183		988.4	1010.5	15.8	-1.5	16.5	-2.2	14	148	30		62	51
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1011.6	1014.5	13.3	-2.1	12.8	-2.5	6	54	-33	2	201	122
32583 PETROPVLOVSK- KAMCATSKIJ	5259N	15839E	24		1013.2	1016.0	14.5		13.4		2	3		0		
32618 NIKOL' SKOE	5512N	16559E	18		1014.7	1017.1	9.5	0.8	10.9	0.4		3	-43	0	109	130
<b>KAZAKHSTAN</b>																
35067 ESIL'	5153N	06620E	221		984.5	1010.0	19.0		14.8		13	105		5		
35078 ATBASAR	5149N	06822E	304		974.9	1010.1	17.5	-3.0	14.3	1.1	11	65	19	5	275	85
35108 URALSK	5115N	05117E	37		1007.7	1011.9	21.8	-0.7	18.1	3.4		77	40	5	293	90
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
35121 ORENBURG	5141N	05506E	117		998.5	1012.0	20.9	-1.2	17.4	3.3	11	73	36	5	297	90
<b>KAZAKHSTAN</b>																
35188 AKMOLA	5108N	07122E	350		969.0	1009.2	18.5	-2.8	13.1	0.1	8	60	11	4	300	89
35217 DZHAMBEJTY	5015N	05234E	32		1007.8	1011.6	22.2									
35229 AKTJUBINSK	5017N	05709E	219		985.5	1010.7	21.0	-1.4	17.9	4.6	8	92	63	5	291	87
35376 BERLIK	4953N	06931E	349		968.1	1008.1	19.5		12.7		7	42		0	302	
35394 KARAGANDA	4948N	07309E	553		945.8	1008.5	18.0	-2.8	11.9	-0.1	10	36	-4		279	85
35406 TAIPAK	4903N	05152E	2		1003.0	1003.2	24.5	-0.7	14.6	1.5	9	58	43	0	333	99
35416 ULL	4904N	05441E	128				23.4	-1.5	17.3	5.0	10	48	29	1		
35426 TEMIR	4909N	05707E	234		983.8	1010.6	21.7		16.9		8	82		5		
35746 ARALSKOE MORE	4647N	06139E	62		1000.8	1008.1	25.5	-1.6	13.2	0.1	4	21	12	5	372	99
35796 BALHASH	4648N	07505E	350		967.5	1007.2	21.8	-2.5	15.6	1.1	6	44	26	5	359	95
35849 KAZALINSK	4546N	06207E	68		1000.6	1008.4	25.5	-1.4	14.3	0.2	1	2	-3	3	372	95
35925 SAM	4524N	05607E	88		999.5	1009.7	26.1	-1.5	15.8	2.7	4	56	46			
35953 DZHUSALY	4530N	06405E	103		995.5	1007.2	26.2		12.1		3	6		4		
36003 PAVLODAR	5218N	07656E	122		993.6	1007.7	20.1		13.3		5	27		2	305	

# SURFACE

## JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
<b>36177 SEMIPALATINSK</b>	5025N	08018E	196		984.8	1007.1	19.5	-2.2	14.3	.2	8	56	20	5	276	81
36208 LENINOGORSK	5020N	08333E	811		916.7	1007.8	15.0	-2.3	13.1	-.2	13	82	1	2		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		960.3	1006.2	18.9		14.5		8	42			313	95
<b>36535 KOKPEKTY</b>	4845N	08222E	512				18.2	-2.1	13.0	.3	9				295	87
<b>36859 ZHARKENT</b>	4410N	08004E	645		935.8	1007.2	22.0	-2.2	15.2	1.1	10	46	24		322	97
<b>36870 ALMATY</b>	4314N	07656E	851		913.8	1006.9	21.2	-2.4	14.8	1.7	13	128	97	6	302	99
38062 KYZYLORDA	4451N	06530E	130		992.8	1007.3	26.5	-1.0	15.0	2.4	4	15	11	5		
38069 CIILI	4410N	06645E	153		989.4	1006.7	25.6		15.1		4	14				
38198 TURKESTAN	4316N	06813E	207		982.0	1005.5	27.4	-1.2	14.1	3.1	1	3	0			
<b>UZBEKISTAN</b>																
<b>38262 CHIMBAJ</b>	4257N	05949E	66		1000.5	1008.0	26.9	-.4	15.6	-.7	1	2	-1	3	366	98
<b>KAZAKHSTAN</b>																
38328 SHYMKENT	4219N	06942E	604		938.2	1004.5	25.5		13.3		2	4		3	385	
38334 AUL TYRARA RYSKULOVA	4229N	07018E	808		917.2	1005.0	24.2		13.6		1	2		3		
38341 ZHAMBYL	4251N	07123E	651		933.7	1005.4	24.2		13.0		3	10		4	398	
38343 KOULAN	4257N	07245E	683		930.6	1005.9	23.4		14.0		6	51		5		
<b>UZBEKISTAN</b>																
38396 URGENCH	4134N	06034E	101		996.5	1008.3	27.9		15.1		0	T		1		
38403 BUZAUBAJ	4145N	06228E	98		995.8	1006.8	30.7		15.9		0	0		0		
<b>38413 TAMDY</b>	4144N	06437E	237		980.4	1008.9	30.2	-.7	12.2	1.1	0	0	-3	0	443	116
<b>KAZAKHSTAN</b>																
38439 CARDARA	4122N	06800E	275		973.8	1004.4	28.5									
<b>UZBEKISTAN</b>																
<b>38457 TASHKENT</b>	4116N	06916E	488		950.2	1003.8	27.5	-.1	13.6	-.1	0	T	-4	1	402	105
<b>TURKMENISTAN</b>																
<b>38507 TURKMENBASHI</b>	4003N	05300E	-13		1008.3	1007.8	27.4	-.3	17.8	.8	1	2	-1		284	83
38545 DARGANATA	4028N	06217E	142		989.5	1005.5	28.7		14.9		0	0				
<b>UZBEKISTAN</b>																
38611 NAMANGAN	4059N	07135E	474		951.2	1003.2	28.3		16.8		1	6		4	394	110
38618 FERGANA	4022N	07145E	577		938.8	1001.3	28.0	1.0	16.6	.7	1	4	-1	3	345	95
38683 BUHARA	3943N	06437E	226		978.7	1003.9	29.7		14.6		0	0		0		
<b>TURKMENISTAN</b>																
38687 CHARDZHEV	3905N	06336E	190		983.4	1005.0	28.7	-.8	16.2	2.4	0	0	-1			
<b>UZBEKISTAN</b>																
38696 SAMARKAND	3934N	06657E	724		924.3	1002.4	26.9	.7	13.8	.4	0	T	-4	0	369	93
38812 KARSHI	3848N	06543E	376		960.9	1002.1	30.4		19.3		0	0		0		
38927 TERMEZ	3714N	06716E	310		966.8	1000.8	31.2	1.4	13.5	-1.7	0	T	T	0	389	101
<b>SAUDI ARABIA</b>																
40356 TURAIF	3141N	03844E	852		910.7	1456 Y	28.7		9.4		0	0			392	

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
40357 ARAR	3054N	04108E	549		941.6	1000.4	33.4		8.7		0	0				
40360 GURIAT	3124N	03716E	504		945.0	1003.4	28.6		11.0		0	0			381	
<b>40361 AL-JOUF</b>	2947N	04006E	689		930.1	1001.5	31.9		7.5		0	0				
40362 RAFHA	2937N	04329E	444		951.5	999.6	33.5		10.0		0	0			187	
40373 AL QAYSUMAH	2819N	04607E	360		959.5	997.9	36.7		7.5		0	0				
40375 TABUK	2822N	03636E	768		921.0	1002.5	31.3		10.1		0	0			388	
<b>40394 HAIL</b>	2726N	04141E	1013		895.8	1469 Y	32.8		7.1		0	0			363	
40400 WEJH	2612N	03628E	21		1001.6	1004.3	30.0		30.1		0	0			369	
40405 GASSIM	2618N	04346E	650		930.9	999.2	35.5		6.3		0	0				
40410 KHAYBER	2540N	03918E	754		921.6	1000.6	36.3		6.1		0	0				
40416 DHAHRAN	2616N	05009E	17		994.4	996.3	36.4	1.2	19.1	4.4	0	0	0			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		995.9	997.3	36.8		10.3		0	0				
40420 AL AHSA	2518N	04929E	178		978.5	997.6	37.9		12.8		0	0				
<b>40430 MADINAH</b>	2433N	03942E	636		933.6	1000.8	35.7	- .3	9.6	4.0	0	0	-1		334	
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		933.9	998.7	36.6		6.4		0	0			336	
<b>40438 RIYADH</b>	2443N	04644E	620		933.9	999.2	35.7	.7	6.5	.1					337	
40439 YENBO	2409N	03804E	10		1002.3	1003.5	33.1		29.0		0	0				
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
40712 ORUMIEH	3732N	04505E	1312		861.9	999.7	25.0	1.2	14.9	1.4					373	102
40718 ANZALI	3728N	04928E	-23		1011.6	1008.1	25.9	- .1	23.7	-1.8	2	13	-33		208	83
<b>40745 MASHHAD</b>	3616N	05938E	989		897.5	1002.9	28.4	1.7	14.6	3.3					376	104
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		873.4	995.4	32.1	1.3	14.2	4.2						
40766 KERMANSHAH	3416N	04707E	1322		861.2	997.1	29.1	.9	7.5	- .4					375	107
40800 ESFAHAN	3238N	05143E	1550		837.0	992.3	32.7	3.3	9.0	.1					344	99
40831 ABADAN	3022N	04815E	11		996.8	997.3	37.4	.6	13.5	-1.9					344	113
<b>40841 KERMAN</b>	3015N	05658E	1754		819.0	993.2	29.0	.1	7.5	.7					340	103
<b>40848 SHIRAZ</b>	2932N	05235E	1491		843.6	993.3	32.5	2.7	12.3	3.1					343	100
<b>SAUDI ARABIA</b>																
<b>41024 JEDDAH (KING ABDUL AZIZ INT.)</b>	2142N	03911E	17		1002.3	1004.1	33.0	.6	28.3	3.4	0	0	-1		289	
41030 MAKKAH	2126N	03946E	240		977.0	1003.1	36.2		19.3		0	0				
41036 TAIF	2129N	04033E	1454		852.4	1473 Y	28.7	.2	5.8	-1.7	0	0	-3		395	
41055 AL BAHA	2018N	04138E	1662		832.9	999.5	28.3		13.8		2	4			265	
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		932.2	997.5	36.6		7.7		0	0			304	
41084 BISHA	1959N	04237E	1163		879.5	998.7	33.2		8.1		0	0			273	
41112 ABHA	1814N	04239E	2093		792.2	1469 Y	23.7		11.2		4	9			242	
41114 KHAMIS MUSHAIT	1818N	04248E	2056		795.4	1467 Y	24.8		11.8		2	67			219	
41128 NAJHRAN	1737N	04425E	1210		873.9	1457 Y	33.3		7.4		1	2			254	110
41140 GIZAN	1654N	04235E	7		1002.1	1002.9	33.9		31.9		0	0				
<b>UNITED ARAB EMIRATES</b>																
41194 DUBAI INTERNATIONAL AIRPORT	2515N	05520E	5		996.1	996.7	35.6	1.2	30.1	.8					340	106
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		994.3	997.1	35.5	1.2	32.7	4.5	0	T	0	5	286	87
<b>PAKISTAN</b>																
41515 DROSH	3534N	07147E	1465			1409 Y	30.8	.8	14.8		1	6	-15	2		
<b>41560 PARACHINAR</b>	3352N	07005E	1725		828.2	1438 Y	24.0	- .5	19.3		8	74	-33	2		
41598 JHELUM	3256N	07343E	234		970.4	998.6	31.0	.1	31.9		11	221	-16	3		



# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
41600 SIALKOT	3230N	07432E	256		970.1	998.5	29.7	-1.1	31.5		17	577	289	5		
<b>41620 ZHOB</b>	3121N	06928E	1407		850.6	1415 Y	29.1	-1.4	18.6		6	69	21	4		
41624 DERA ISMAIL KHAN	3149N	07055E	173		976.3	996.7	32.1	-1.6	33.8		3	47	-13	3		
<b>41640 LAHORE CITY</b>	3133N	07420E	215		975.0	998.0	31.2	-1.3	33.1		9	253	51	5		
41675 MULTAN	3012N	07126E	123		984.0	997.8	33.6	-1.3	32.7		4	35	-26	2		
41685 BAR KHAN	2953N	06943E	1097			1416 Y	29.4	-1.1	22.9		7	40	-68	6		
41710 NOKKUNDI	2849N	06245E	683		922.6	992.3	36.4	.6	12.1							
<b>41712 DAL BANDIN</b>	2853N	06424E	850		905.7	1402 Y			17.2		3	87	84	6		
41715 JACOBABAD	2818N	06828E	56		990.8	996.7	33.5	-1.4	36.9		8	135	99	5		
41718 KHANPUR	2839N	07041E	88		987.1	996.7	33.2	-1.4	34.0		7	85	58	5		
41739 PANJGUR	2658N	06406E	981		892.1	1425 Y	31.0	-1.7	24.0		5	45	20	4		
41749 NAWABSHAH	2615N	06822E	38		994.0	996.8	32.2	-1.8	30.3		15	301	250	6		
41756 JIWANI	2504N	06148E	57		992.0	998.3	30.3	.3	33.4		3	15	8	5		
<b>41759 PASNI</b>	2516N	06329E	6		996.9	997.6	31.5		34.0		4	48	43	6		
<b>INDIA</b>																
<b>42027 SRINAGAR</b>	3405N	07450E	1587		834.3	1421 Y	24.9	.8	20.1		6	98	36	5	223	
42071 AMRITSAR	3138N	07452E	234		973.3		28.9	-1.3	32.9		8	170	-61	2	242	113
42147 MUKTESHWAR KUMAON	2928N	07939E	2311		772.9	3146 Z	17.4	.2	18.1		10	184	-129	1		
<b>42165 BIKANER</b>	2800N	07318E	224			997.4	31.1	-1.7	30.9		11	192	86	5		
<b>42182 NEW DELHI /SAFDARJUNG</b>	2835N	07712E	216		975.3	998.5	30.1	-1.7	33.2		18	632	395	6	134	81
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111			1002.9	28.0	.3	31.7		28	622	76	5	108	
42339 JODHPUR	2618N	07301E	224			998.5	29.9		31.1		17	237		5		
<b>42410 GAUHATI</b>	2606N	09135E	54		995.9	1002.0	29.4	.9	33.3		18	334	-43	3	139	113
42452 KOTA AERODROME	2509N	07551E	274			997.0	30.8	.9	30.0		13	210	-49	3		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		988.9	999.7	31.3	1.4			11	121	-144	1	115	80
42587 DALTONGANJ	2403N	08404E	221		974.9	1000.2	30.0	.8	32.7		9	130	-226	1		
42619 SILCHAR	2445N	09248E	29		999.8	1003.1	29.3		32.8		24	311		0		
42647 AHMADABAD	2304N	07238E	55		996.7	1001.0	29.5	.0	32.7		21	318		4	112	86
<b>42671 SAGAR</b>	2351N	07845E	551		939.9	999.9	27.3	.6	29.7		21	321	-29	3		
<b>42731 DWARKA</b>	2222N	06905E	11		999.1	1000.5	29.3	.1	34.1		24	368	271			
42754 INDORE	2243N	07548E	567		938.5	1000.5	26.5	.0	27.6		16	405	126	5	108	104
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1000.3	1001.0	29.8	.6	34.4		25	347	-64	2	107	115
42867 NAGPUR SONEGAON	2106N	07903E	310		966.4	1000.6	27.9	.0	30.2		15	358	68	4	111	97
42909 VERAVAL	2054N	07022E	8		1000.8	1001.7	29.1	.7	34.3		20	323	94	3		
42933 AKOLA	2042N	07702E	282		969.9	1001.0	27.0	-1.3	29.2		11	93	-129	1		
<b>43041 JAGDALPUR</b>	1905N	08202E	553		941.7	1002.3	25.4	-1.3	28.3		26	549	197	5		
43057 BOMBAY/COLABA	1854N	07249E	11		1002.5	1003.7	27.9	.2	34.1		25	764	82	3	56	77
<b>43063 POONA</b>	1832N	07351E	559		942.3	1003.7	25.7	.4	25.9		14	93	-70	2	108	91
43192 GOA/PANJIM	1529N	07349E	60		1000.7	1006.2	26.9	.2	32.2		31	1126	273	4	51	49
43198 BELGAUM/SAMBRA	1551N	07437E	747		923.9	1005.4	24.0	.8	24.6		16	85	-139	1		
<b>43279 MADRAS/MINAMBAKKAM</b>	1300N	08011E	16		1002.9	1004.5	30.0	-1.7	28.6		12	186	65	5	119	64
<b>43295 BANGALORE</b>	1258N	07735E	921		906.0	1475 Y	24.9	1.0	22.9		9	96	-10	3	77	69
<b>43333 PORT BLAIR</b>	1140N	09243E	79		999.0	1008.0	26.3	.2	30.3		27	535	135	4	34	31
<b>43363 PAMBAN</b>	0916N	07918E	11		1004.7	1005.9	30.7	.8	31.9		1	21	3	4		
<b>SRI LANKA</b>																
43418 TRINCOMALEE	0835N	08115E	7		998.1	1006.9	30.4	.3	31.7	4.8	6	66	-4			
43466 COLOMBO	0654N	07952E	7		1007.5	1008.3	28.3	.7	31.6	2.1	17	186	61		181	90

# SURFACE

## JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
43497 HAMBANTOTA	0607N	08108E	20		1006.0	1007.7	28.2	.6	31.3	3.2	6	63	15			
<b>MONGOLIA</b>																
44203 RINCHINHUMBE	5107N	09940E	1583		834.3	1004.1	14.4	1.8	10.3	.5	12	125	47	5		
44207 HATGAL	5026N	10009E	1668		827.3	1006.6	12.3	.7	10.4	1.0	14	147	64	5		
44212 ULAAN-GOM	4959N	09205E	939		900.5	1003.5	19.2	.3	12.0	-1.1	9	120	85	6	251	82
44213 BARUUNTURUUN	4939N	09424E	1232		869.8	1003.5	17.6	.5	6.9	-4.8	15	106	52	5		
44214 UIGI	4856N	08956E	1715		822.0	1003.2	16.3	.0	8.4	-2.4	8	43	9	4		
44215 OMNO-GOBI	4901N	09143E	1590		833.8	1002.9	16.0	-.2	10.9	.2	17	99	55	5		
44218 HOVD	4801N	09134E	1405		850.3	999.7	18.6	.0	13.0	1.8	8	42	7	4		
44225 TOSONTSENGEL	4844N	09812E	1723		821.4	1004.5	15.0	1.2	10.5	.5	15	69	9	4		
44230 TARIALAN	4934N	10200E	1235		871.4	1005.1	17.7	1.7	12.4	.1	14	153	49	5		
44231 MUREN	4934N	10010E	1283		863.4	1002.0	18.3	2.1	10.8	-.8	10	74	15	3		
44232 HUTAG	4923N	10242E	938		900.6	1005.1	19.0	1.6	16.0	2.5	12	88	-15	2		
44237 ERDENEMANDAL	4832N	10123E	1509		841.8	1003.1	16.0	1.4	13.5	1.2	14	59	-30	1		
44239 BULGAN	4848N	10333E	1208		870.4	997.8	17.4	1.5	14.1	1.7	13	132	61	4		
44241 BARUUNKHARAA	4855N	10604E	807		913.3	1002.2	20.2	2.0	15.4	2.1	14	56	-6	2		
44256 DASHBALBAR	4933N	11424E	705		923.1	1003.9	19.5	.9	15.9	1.9	12	56	-56	1		
44259 CHOIBALSAN	4805N	11433E	747		919.5	1002.0	21.5	1.7			6	35	-22	1	302	102
44265 BAITAG	4607N	09128E	1186		882.0	1011.0	19.7	-1.2	11.3	-.9	6	21	7	4		
44272 ULIASTAI	4745N	09651E	1759		816.1	1001.0	14.6	-.4	10.6	1.0	16	77	23	5	248	85
44275 BAYANBULAG	4650N	09805E	2255		770.7	1004.3	11.6	-.3	10.0	1.0	13	68	36	5		
44277 ALTAI	4624N	09615E	2181		777.7	1004.2	12.9	-.8	12.2	3.9	12	75	27	5		
44282 TSETSERLEG	4727N	10128E	1691		824.3	1004.4	15.0	.7	10.9	.0	11	74	-1	2		
44284 GAIUUT	4642N	10008E	2126		783.8	1005.6	12.6	-.4	9.9	1.2	17	108	49	5		
44285 HUJIRT	4654N	10246E	1662		826.9	1003.5	15.4	.9	12.9	1.7	13	105	45	5		
44287 BAYANHONGOR	4608N	10041E	1859		807.5	1003.4	15.2	-1.0	10.9	.3	11	85	29	5		
44288 ARVAIHEER	4616N	10247E	1813		811.9	1002.1	16.4	1.1	12.3	1.7	12	93	33	4		
44292 ULAAN-BAATOR	4755N	10652E	1306		862.0	1002.4	18.8	2.2	12.7	1.1	9	75	18	4	289	116
44294 MAANTI	4718N	10729E	1430		849.2	1001.5	17.8	1.6	12.4	-.1	3	58	0	4		
44298 CHOIR	4627N	10813E	1286		863.1	999.9	20.7	2.1	11.5	-2.1	5	28	-27	1		
44302 BAYAN-OVOO	4747N	11207E	926		900.3	1001.6	19.6	.8	12.6	-1.1	9	71	-8	3		
44304 UNDERKHAAN	4719N	11038E	1033		889.4	1001.0	19.7	1.2	12.2	-.7	10	42	-23	1		
44305 BARUUN-URT	4641N	11317E	981		895.3	1002.4	20.8	.8	15.1	1.3	5	20	-41	1		
44313 KHALKH-GOL	4737N	11837E	688		926.5		20.5	.5	14.6	-.8	10	163	68	5		
44314 MATAD	4710N	11538E	907		903.9	1003.5	20.6	.1	13.0	-.7	10	44	3	3		
44336 SAIKHAN-OVOO	4527N	10354E	1316		860.7	1002.0	20.3	.2	11.5	-.1	11	41	3	2		
44341 MANDALGOVI	4546N	10617E	1393		852.2	1000.7	17.9	-.8	10.6	-1.0	6	48	9	4		
44347 TSOGT-OVOO	4425N	10519E	1298		862.2	999.8	21.7	.3	10.0	-2.9	6	47	20	5		
44352 BAYANDELGER	4544N	11222E	1101		883.1	1001.4	21.1	.6	14.3	.3	9	47	-8	3		
44358 ZAMYN-UUD	4344N	11154E	964		897.0	1001.2	22.1	-.7	19.0	4.4	7	28	0	5		
44373 DALANZADGAD	4335N	10425E	1465		845.7	1000.8	21.4	.4	12.4	.5	9	36	4	3		
<b>NEPAL</b>																
44454 KATHMANDU AIRPORT	2742N	08522E	1337			1442 Y	24.5		26.7		23	592			136	105
<b>HONG KONG, CHINA</b>																
45004 KING'S PARK	2219N	11410E	66		1000.2	1007.6	29.2	.2	31.0	-.5	10	98	-229	0	294	127

# SURFACE

## JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
<b>MACAU</b>																
45011 TAIPA	2110N	11334E	114		995.2	1008.2	29.0		30.4		7	33		1	317	140
<b>REPUBLIC OF KOREA</b>																
47101 CHUNCHON	3754N	12744E	75		998.5	1007.2	23.7	-0.6	22.4	-1.6	14	341	-6	3	137	91
47105 KANGNUNG	3745N	12854E	27		1005.3	1008.3	21.4	-2.5	21.1	-2.5	14	223	6	4	80	56
47108 SEOUL	3734N	12658E	87		997.0	1006.7	23.8	-0.8	22.2	-2.8	16	470	101	5	87	72
47115 ULLUNGDO	3729N	13054E	223		982.9	1008.1	19.7	-2.6	21.0	-2.2	13	286	163	5	134	89
47133 TAEJON	3618N	12724E	78		999.3	1007.0	23.4	-1.6	23.3	-2.4	22	576	260	5	103	64
47138 POHANG	3602N	12923E	6		1008.3	1008.7	21.9	-2.8	22.1	-2.4	17	561	366	6	101	63
47159 PUSAN	3506N	12902E	71		1000.3	1008.3	21.3	-2.7	22.3	-3.2	19	658	402	6	69	42
47165 MOKPO	3447N	12623E	56		1002.7	1007.0	23.1	-1.6	24.2	-2.4	19	402	192	5	75	48
47168 YOSU	3444N	12744E	68		1000.1	1007.7	22.0	-2.2	22.5	-3.2	18	562	302	6	73	45
47184 CHEJU	3331N	12632E	24		1004.6	1007.3	24.2	-1.4	25.3	-1.6	17	362	132	4	99	47
<b>JAPAN</b>																
47401 WAKKANAI	4525N	14141E	11		1012.2	1013.5	14.3	-2.5	13.5	-3.1	3	41	-52	1	175	116
47407 ASAHIKAWA	4346N	14222E	116		998.6	1012.1	17.9	-2.5	14.3	-4.1	8	58	-38	2	178	101
47409 ABASHIRI	4401N	14417E	43		1008.3	1013.5	14.1	-3.0	12.9	-3.8	8	60	-16	2	203	115
47412 SAPPORO	4303N	14120E	26		1009.0	1012.0	17.7	-2.5	14.2	-4.3	2	29	-39	1	186	104
47418 KUSHIRO	4259N	14424E	37		1009.6	1014.3	13.6	-1.7	13.0	-2.7	3	199	89	5	94	82
47420 NEMURO	4320N	14535E	39		1009.6	1014.2	11.3	-2.9	12.2	-2.9	7	115	13	4	77	63
47421 SUTTSU	4248N	14014E	38		1007.0	1011.5	16.1	-2.5	14.8	-3.9	7	41	-57	2	126	75
47426 URAKAWA	4210N	14247E	37		1008.8	1013.2	14.5	-2.7	14.7	-3.2	4	151	14	4	100	76
47430 HAKODATE	4149N	14045E	43		1006.9	1012.1	16.5	-2.8	15.3	-3.8	6	53	-61	1	89	61
47575 AOMORI	4049N	14046E	3		1010.2	1010.6	18.1	-2.8	16.3	-4.1	7	72	-28	2	141	79
47582 AKITA	3943N	14006E	21		1006.9	1009.4	20.8	-1.8	18.6	-3.5	11	195	9	3	135	77
47585 MIYAKO	3939N	14158E	46		1006.4	1011.9	16.2	-3.8	17.0	-3.3	15	299	176	5	26	18
47598 ONAHAMA	3657N	14054E	5		1009.8	1010.4	19.3	-2.2	19.7	-2.8	18	287	174	6	70	48
47600 WAJIMA	3723N	13654E	14		1007.4	1009.0	21.5	-2.2	21.4	-2.7	18	248	56	4	69	39
47602 AIKAWA	3802N	13815E	17		1006.9	1008.8	21.2	-2.0	21.5	-1.9	14	219	58	4	129	75
47605 KANAZAWA	3635N	13638E	33		1004.9	1008.7	22.8	-2.4	22.6	-2.3	20	227	-23	3	75	45
47618 MATSUMOTO	3615N	13758E	611		939.8	1007.7	21.9	-1.2	18.8	-2.0	15	95	-41	2	100	57
47624 MAEBASHI	3624N	13904E	113		996.6	1009.6	22.0	-2.4	20.5	-3.4	20	218	46	4	63	51
47636 NAGOYA	3510N	13658E	56		1002.5	1008.8	23.7	-2.1	23.4	-2.0	20	380	168	5	95	61
47648 CHOSHI	3544N	14052E	28		1006.6	1009.8	20.2	-2.4	21.6	-3.0	14	173	73	4	69	42
47655 OMAEZAKI	3436N	13813E	47		1003.8	1009.1	23.2	-1.3	24.5	-2.5	16	268	46	4	98	55
47662 TOKYO	3541N	13946E	36		1005.6	1009.7	22.8	-2.4	20.8	-3.4	17	188	62	4	48	35
47663 OWASE	3404N	13612E	27		1005.8	1008.9	23.8	-1.1	25.0	-1.3	14	389	-59	4	80	58
47675 OSHIMA	3445N	13222E	79		1000.2	1009.4	22.3	-0.7	23.4	-2.0	19	412	200	5	79	62
47678 HACHIJUJIMA	3306N	13947E	80		1000.4	1009.5	24.4	-0.7	26.2	-1.9	12	277	88	4	89	59
47740 SAIGO	3612N	13320E	31		1005.2	1008.8	21.4	-2.7	21.6	-3.7	16	413	218	5	49	26
47741 MATSUE	3527N	13304E	22		1006.3	1008.8	22.6	-2.6	22.6	-3.9	21	443	175	5	56	30
47750 MAIZURU	3527N	13519E	22		1006.7	1009.2	22.7	-2.5	22.5	-2.4	23	264	95	5	61	37
47755 HAMADA	3454N	13204E	20		1006.3	1008.6	23.1	-2.0	24.2	-1.8	17	475	211	5	97	53
47772 OSAKA	3441N	13531E	83		999.3	1008.6	25.3	-1.7	23.1	-2.2	11	167	11	4	121	66
47778 SHIONOMISAKI	3327N	13546E	75		1000.0	1008.5	24.4	-0.8	26.1	-1.8	14	288	3	4	134	72
47800 IZUHARA	3412N	12918E	19		1006.2	1008.3	23.3	-1.5	24.1	-2.6	18	854	512	6	46	34
47807 FUKUOKA	3335N	13023E	15		1006.6	1008.2	25.5	-1.4	24.4	-2.4	17	445	188	4	101	57

## SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
47815 OITA	3314N	13137E	13		1007.1	1008.5	25.4	- .7	24.8	-1.9	10	220	-20	4	120	66
47817 NAGASAKI	3244N	12952E	35		1004.5	1008.5	26.0	- .6	26.5	-1.6	14	243	-90	3	114	62
47827 KAGOSHIMA	3133N	13033E	31		1005.5	1009.0	28.1	.7	27.4	-1.1	11	285	-18	3	149	79
47830 MIYAZAKI	3155N	13125E	7		1006.9	1008.6	27.3	.4	26.6	-1.9	12	136	-152	1	180	84
47837 TANEGASHIMA	3044N	13100E	18		1007.5	1009.6	27.4	.4	30.1	- .4	9	156	-33	3	234	100
47843 FUKUE	3242N	12850E	26		1005.1	1008.1	25.3	- .4	26.3	-2.4	15	400	87	4	87	54
47887 MATSUYAMA	3350N	13247E	34		1004.7	1008.5	25.4	-1.0	24.0	-1.4	14	270	121	5	133	68
47891 TAKAMATSU	3419N	13403E	10		1007.4	1008.5	25.4	- .9	23.8	-2.8	12	150	21	4	133	64
47898 SHIMIZU	3243N	13301E	33		1005.0	1008.7	25.7	- .4	27.5	-1.3	10	149	-90	3	145	67
47899 MUROTOMISAKI	3315N	13411E	186		987.6	1008.8	23.8	- .8	26.4	-1.5	15	279	18	4	135	71
47909 NAZE	2823N	12930E	7		1009.4	1010.2	29.7	1.3	29.3	- .6	6	57	-163	1	230	103
47918 ISHIGAKIJIMA	2420N	12410E	7		1009.3	1010.1	30.3	1.1	30.8	-1.4	4	14	-167	1	343	129
47927 MIYAKOJIMA	2447N	12517E	41		1005.7	1010.3	29.8	1.5	30.8	- .6	2	8	-154	0	311	119
47936 NAHA	2612N	12741E	53		1004.7	1010.7	29.9	1.6	30.6	- .3	2	14	-176	0	272	105
47945 MINAMIDAITOJIMA	2550N	13114E	20		1009.2	1011.5	29.0	.9	32.5	1.3	5	61	-66	3	309	118
47971 CHICHIJIMA	2705N	14211E	8		1011.6	1012.5	27.3	.1	30.6	.8	7	82	12	4	246	100
47991 MINAMITORISHIMA	2418N	15358E	9		1013.0	1013.9	28.5	.5	29.2	- .3	10	80	-102		305	115
<b>THAILAND</b>																
48400 NAKHON SAWAN	1548N	10010E	35		1002.8	1006.9	28.4	- .5	31.5	1.8	15	159	25	4	189	106
48455 BANGKOK	1344N	10034E	20		1007.2	1007.7	28.9	.6	31.2	1.3	19	229	74	5	173	101
<b>CHINA</b>																
50527 HAILAR	4913N	11945E	611		934.8	1003.5	20.4	.7	14.5	-1.5	9	89	-14	3	229	80
50745 QIQIHAR	4723N	12355E	148		986.8	1003.8	22.5	- .3	20.2	.2	12	278	141	6	185	69
51076 ALTAY	4744N	08805E	737		923.9	1006.5	19.6	-2.4	13.9	1.5	5	28	6	4	316	92
51431 YINING	4357N	08120E	663		933.7	1008.1	21.2	-1.6	15.9	1.0	10	56	33	5	334	104
51463 URUMQI	4347N	08737E	919		903.5	1006.5	21.1		12.6		11	69		5	308	100
51709 KASHI	3928N	07559E	1291		863.7	998.8	27.3	1.6	12.5	.3	1	2	-5	2	338	108
51777 RUOQIANG	3902N	08810E	889		903.9	999.5	27.0	- .2	13.9	2.1	1	4	-6	4	315	104
51828 HOTAN	3708N	07956E	1375		854.8	997.5	27.7	2.3	12.1	- .6	1	1	-4	2	267	110
52203 HAMI	4249N	09331E	739		919.7	1000.3	25.8	- .8	14.2	2.1	4	15	9	5	354	104
52533 JIUQUAN	3946N	09829E	1478		845.8	1001.8	21.7	.3	12.9	- .2	2	6	-13	1	259	92
52836 DULAN	3618N	09806E	3192		691.3		15.2	.5	7.1	- .3	7	27	-9	2	222	82
52889 LANZHOU	3603N	10353E	1518		842.4		22.9	.8	15.4	.2	6	37	-20	2	230	94
53068 ERENHOT	4339N	11200E	966		896.7	1001.6	22.9	- .1	13.7	1.3	6	37	1	3	270	85
53614 YINCHUAN	3829N	10613E	1112		883.0	1002.6	23.5	.2	17.5	- .2	5	24	-18	2	241	85
53772 TAIYUAN	3747N	11233E	779		918.4	1004.2	23.0	- .3	19.8	- .8	8	114	-6	4	175	74
54292 YANJI	4253N	12928E	178		988.2	1009.0	19.7	-1.5	18.3	-1.8	17	159	55	5	97	54
54342 SHENYANG	4146N	12326E	43		999.7	1005.4	23.8	- .7	21.4	-2.4	13	182	16	3	131	61
54511 BEIJING	3956N	11617E	55		1000.4	1004.1	26.1	.2	23.4	-1.7	8	58	-117	1	156	70
54857 QINGDAO	3604N	12020E	77		997.3	1006.0	22.1	-1.7	24.4	-2.0	9	153	-24	4	103	56
55591 LHASA	2940N	09108E	3650		653.9		15.8	.5	10.8	.1	16	93	-26	2	219	96
56137 QAMDO	3109N	09710E	3307		681.7		15.8	- .4	11.1	- .1	13	79	-23	1	199	101
56294 CHENGDU	3040N	10401E	508		946.7	1003.2	26.5	1.3	26.9	- .6	8	59	-171	1	111	74
56571 XICHANG	2754N	10216E	1599		835.3		22.9	.3	20.0	- .1	14	126	-84	1	144	79
56739 TENGCHONG	2507N	09829E	1649		832.1		20.1	.6	20.3	.0	21	225	-53	1	102	140
56778 KUNMING	2501N	10241E	1892		808.3		21.3	1.6	18.3	- .7	13	155	-49	2	156	111
57036 XI'AN	3418N	10856E	398		958.3	1002.7	26.7	.4	23.8	- .2	8	137	45	4	205	99

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
57083 ZHENGZHOU	3443N	11339E	111		991.7	1004.4	26.1	-1.0	27.1	.1	11	113	-33	3	104	49
57461 YICHANG	3042N	11118E	134		989.0	1004.3	26.9	-1.0	29.1	-.5	10	147	-63	2	104	50
57745 ZHIJIANG	2727N	10941E	273		974.2	1004.7	28.6	1.2	29.5	1.1	5	95	-23	3	241	97
57993 GANZHOU	2551N	11457E	125		991.3	1006.8	31.9	2.4	26.4	-2.1	2	6	-90	0	331	121
58362 SHANGHAI	3124N	12128E	4		1005.1	1005.7	29.6		31.4		7	78		2	171	75
58606 NANCHANG	2836N	11555E	50		999.5	1005.0	31.6	2.1	32.0	1.1	3	84	-38	2	341	130
59287 GUANGZHOU	2308N	11319E	8		1002.9	1007.9	30.4	1.9	30.7	-1.1	7	61	-166	0	242	111
59316 SHANTOU	2324N	11641E	3		1007.7	1008.6	30.1	1.9	31.7	-.2	4	38	-168	0	341	138
59431 NANNING	2249N	10821E	73		991.6	1005.9	28.8	.4	31.4	.3	8	245	44	4	277	127
59758 HAIKOU	2002N	11021E	24		1004.4	1006.4	29.7	1.3	31.5	-.1	8	248	38	4	263	101
<b>AFRICA</b>																
<b>MADEIRA</b>																
08522 FUNCHAL	3238N	01654W	56		1014.1	1020.9	22.7	1.6	19.1	-.2	0	0	-2	3	214	94
<b>SPAIN (CANARY ISLANDS)</b>																
60020 SANTA CRUZ DE TENE-RIFE, CM	2827N	01615W	36		1014.1	1018.4	25.9	1.4	18.9	1.7	0	0	0	5	348	105
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1011.5	1017.0	24.2	.9	18.0	-1.1	0	0	-1	5	327	112
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1014.5	1016.9	24.6	.9	19.2	-.1	0	0	0	5	306	109
<b>WESTERN SAHARA</b>																
60096 VILLA CISNEROS	2342N	01552W	10		1012.2	1013.4	22.2				0	0		0	248	100
<b>MOROCCO</b>																
60101 TANGER(AERODROME)	3544N	00554W	21		1014.8	1016.6	23.6	.1	19.3		0	0	-2	0	365	100
60115 OUJDA	3447N	00156W	470		962.7	1014.4	27.4	2.6	15.6		0	0	-2	3	349	
60120 KENITRA	3418N	00636W	14		1014.8	1016.5	23.7	.7	21.5		0	9999		3	348	105
60135 RABAT-SALE	3403N	00646W	75		1007.4	1016.6	22.5	.3	22.1		0	0	-1	0	340	90
60150 MEKNES	3353N	00532W	549		952.6	1014.7	25.3	.1	19.7		0	0	-2	0	348	100
60155 CASABLANCA	3334N	00740W	62		1009.5	1016.2	23.3	.9	21.8		0	9999		2		
60220 ESSAOUIRA	3131N	00947W	8		1014.6	1015.5	18.8	-.4	18.4		0	0	-1	0	257	80
60230 MARRAKECH	3137N	00802W	466		962.0	1013.7	29.3	1.0	15.0		0	0	-1	2	321	95
60265 OUARZAZATE	3056N	00654W	1140		891.5	1566 Y	31.0	1.5	9.8		3	8	7	5	251	
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1015.4	1016.5	25.9		20.4		0	0		4	293	90
<b>SPAIN (CEUTA AND MELILLA)</b>																
60338 MELILLA	3517N	00257W	55		1008.9	1015.2	27.2	2.7	20.6	-.6	0	T	-1	3	292	108
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1013.9	1015.2	27.7		24.9		1	7			336	75
60353 JIJEL PORT	3650N	00547E	2		1014.4	1015.1	28.4		26.4		1	2			340	75
60367 EL-KALA	3654N	00827E	10		1015.1	1016.6	28.7		26.6		0	0				
60387 DELLYS	3655N	00357E	12		1013.5	1014.1	26.6		25.6		1	3			302	
60395 TIZI-OUZOU	3642N	00403E	195		996.8	1013.9	29.8		20.4		00	0		3	268	
60402 BEJAIA	3643N	00504E	2		1014.9	1015.8	27.3	3.3	26.5		2	8	3	5	308	
60403 GUELMA	3628N	00728E	227		989.9	1015.4	29.7		18.8			0		0	332	
60410 TENES	3630N	00120E	59		1014.0	1016.0	27.0		26.2		0	0			307	70

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
60417 BOUIRA	3623N	00354E	635		952.1	1013.2	29.9		17.3		3	10			296	65
60421 OUM EL BOUAGHI	3553N	00707E	889		917.2	1563 Y	28.3		13.6		2	15			313	
60423 SOUK AHRAS	3617N	00758E	680		939.7	1014.0	28.5		15.2		01	0002			300	
60425 CHLEF	3613N	00120E	143		997.9	1015.0	30.4	1.4	15.2		1	1	0	0		
60430 MILIANA	3618N	00214E	715		935.9	1013.9	29.9	3.3	16.3		0	0	-5	2	313	
60437 MEDEA	3616N	00245E	981		902.4	1562 Y	28.2		14.6		1	4			310	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928			1575 Y	29.8		12.6		1	6			342	
60452 ARZEW	3549N	00016W	3		1014.5	1015.0	23.8		23.8		0	0		0	254	
60457 MOSTAGANEM VILLE	3553N	00007E	137		987.5	1014.4	26.3		23.4						293	
60461 ORAN PORT	3542N	00039W	22		1012.9	1015.4	26.0		24.2		0	0				
60467 M'SILA	3540N	00430E	441		964.4	1012.4	33.9		17.7		1	1			287	65
60506 MASCARA METMORE	3536N	00018E	474		961.6	1014.2	28.6		15.8						315	70
60514 KSAR CHELLALA	3510N	00219E	800		927.8	1507 Y	31.1		12.5		2	3			283	65
60515 BOU-SAADA	3520N	00412E	461		965.0	1014.5	34.4		14.0		3	7			225	
60517 GHAZAOUET	3506N	00152W	83		1015.7	1016.3	26.9		2.7		0	0				
60520 SIDI BEL ABBES	3511N	00237W	450		962.8	1015.4	28.6		17.7		0	T			311	70
60531 TLEMCEM (ZENATA)	3501N	00128W	247		987.6	1015.5	26.8		19.2		1	2			299	65
60540 EL KHEITER	3409N	00004E	1000		903.5	1540 Y	29.9		10.9				0		272	60
60545 LAGHOUAT	3346N	00256E	765		930.4	1568 Y	33.3		11.2		1	1			301	65
60550 ELBAYADH	3340N	00100E	1341		871.3	1566 Y	29.6		8.5		1	4			284	
60557 NAAMA	3316N	00018W	1166		888.4	1557 Y	30.2		10.2		5	11			218	
60559 EL OUED	3330N	00607E	63		1005.2	1012.8	36.0	3.5	16.8						356	
60560 AIN SEFRA	3246N	00036W	1058		897.0	1543 Y	31.4		11.3		3	8			292	
60580 OUARGLA	3155N	00524E	141		995.4	1011.4	37.5		14.1						333	
60581 HASSI-MESSAOUD	3140N	00609E	142		996.2	1011.9	37.6	3.7	11.8							
60607 TIMIMOUN	2915N	00017E	312		974.4	1008.6	38.2	2.9	9.0							
60611 IN AMENAS	2803N	00938E	562		950.2	1010.8	33.7	2.7	13.8						353	
60640 ILLIZI	2630N	00825E	558		951.0	1009.5	35.3		10.7							
60670 DJANET	2433N	00928E	1054		906.9	1546 Y	32.2	1.1	7.3						358	85
<b>MALI</b>																
61202 TESSALIT	2012N	00059E	491		954.2	1006.8	35.4		13.4		5	36			152	109
61223 TOMBOUCTOU	1643N	00300W	264		980.8	1009.7	32.4		22.0		6	37	-8	5	229	92
61226 GAO	1616N	00003W	260		980.8	1009.4	32.5	-1	21.5		7	51	-5			
61233 NARA	1510N	00717W	265				29.2	-3	26.4		2					
61240 HOMBORI	1520N	00141W	288			1003.5	30.8	-4			8					
61250 MENAKA	1552N	00213E	278				31.3		24.4		7	140	72			
61265 MOPTI	1431N	00406W	272		980.4	1011.0	28.5	-6	26.3		13	221	94			
61277 SAN	1320N	00450W	284		979.9	1011.5	27.7	-3	28.5		15	301	124	6		
61285 KENIEBA	1251N	01114W	132		997.8	1012.8	27.2	-2	28.9			375	123	1	185	98
61291 BAMAKO/SENOU	1232N	00757W	381		970.6	1011.4	25.8	-1.0	27.5		18	278	61		121	56
61293 KOUTIALA	1223N	00528W	367		970.8	1011.7	26.4	.0	28.6		17	215	-3	3	218	89
61296 BOUGOUNI	1125N	00730W	351		973.0	1012.0	25.8	-2	28.1		18	343	97	4		
61297 SIKASSO	1121N	00541W	375				25.6	-5	26.3		31	202	-33	0		
<b>MAURITANIA</b>																
61415 NOUADHIBOU	2056N	01702W	3		1012.2	1012.7	23.1		22.0		0	0		3		
<b>SENEGAL</b>																

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
61627 LINGUERE	1523N	01507W	21		1009.6	1011.9	30.1		29.6	3.6	6	77	-12	0	227	95
61630 MATAM	1539N	01315W	17		1009.6	1011.6	32.1		28.0	3.3	4	35	-50	1	229	84
61641 DAKAR/YOFF	1444N	01730W	24		1010.1	1013.3	27.1		28.7	1.0	6	62	2	3	177	76
61679 KAOLACK	1408N	01604W	7		1013.1	1013.9	28.8		30.8		10			4	239	96
61687 TAMBACOUNDA	1346N	01341W	50		1007.0	1012.8	27.6		28.1	.3	15	212	27	4	189	89
<b>GUINEA</b>																
61832 CONAKRY/GBESSIA	0934N	01337W	26		1011.3	1013.8	23.1	-2.4	29.4	1.0		1114	-016	3	67	61
<b>OCEAN ISLANDS (UK)</b>																
61901 ST. HELENA IS.	1556S	00504W	436		970.0	1021.0	17.6				8	19			171	145
<b>MAURITIUS</b>																
61974 AGALEGA	1026S	05645E	3		1013.7	1014.2	25.5	.3	27.3	1.9	16	194	93	5	164	
<b>OCEAN ISLANDS (FRANCE)</b>																
61976 SERGE-FROLOW (ILE TROMELIN)	1553S	05431E	13		1016.7	1018.4	24.1		21.7		12	43		6	94	
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25			1021.5	21.4		15.7		6	13		6	236	
<b>MAURITIUS</b>																
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1017.0	1017.4	24.2	.7	23.4	.0	6	13	-46	0		
61988 RODRIGUES	1941S	06325E	59		1013.6	1019.9	22.1	.2	20.8	1.2	18	65	-20	2	203	88
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1015.9	1021.8	20.9	-2	19.3	-2	17	130	17	4	119	66
<b>OCEAN ISLANDS (FRANCE)</b>																
61998 PORT-AUX-FRANCAIS (ILES KERG)	4921S	07015E	30		994.4	997.9	1.9	-1	5.5		13	50	-15	1	77	92
<b>EGYPT</b>																
62306 MERSA MATRUH	3120N	02713E	29		1006.6	1010.0	27.0	2.0	24.0	.1					384	104
62337 EL ARISH	3105N	03350E	38		1003.0	1006.8	26.7	.7	24.5	1.4						
62378 HELWAN	2952N	03120E	141		996.8	1013.1	28.6	.9	19.1	.7					360	103
62414 ASSWAN	2358N	03247E	194		983.8	1005.5	34.6	1.0	9.9	.4					387	103
62435 KHARGA	2527N	03032E	73		996.8	1005.7	32.9	.1	16.3	1.6					376	105
<b>SUDAN</b>																
62600 WADI HALFA	2149N	03129E	183		985.1	1005.3	34.8	2.0	12.1		0	0	-T	5	367	85
62640 ABU HAMED	1932N	03319E	312		970.7	1005.0	35.3	.8	13.5			4	-1	5	316	75
62641 PORT SUDAN	1935N	03713E	2		1000.5	1005.2	35.4	1.3	15.2		2	11	8	4	219	85
62650 DONGOLA	1910N	03029E	226		980.5	1006.5	35.6	2.0	10.6			5	5	5	317	80
62660 KARIMA	1833N	03151E	249		977.3	1006.0	34.6	.1	15.9		2	21	14	5	296	75
62680 ATBARA	1742N	03358E	345		966.8	1004.9	33.2	-8	17.8		4	85	66	6	212	60
62721 KHARTOUM	1536N	03233E	380		963.8	1006.7	31.6	-5	12.7		5	27	-19	4		
62730 KASSALA	1528N	03624E	500				29.0	-1.0	22.0		8	110	34	5	261	65
62751 WAD MEDANI	1424N	03329E	408		964.7	1010.0	27.5	-2.3	23.7		8	102	14	4	213	60
62752 GEDAREF	1402N	03524E	599		943.1	1009.8	26.4	-7	24.5		6	425	242	6	235	60
62760 EL FASHER	1337N	02520E	730		927.9	1006.9	32.9	4.0	20.3		5	29	-30	2	223	55
62762 SENNAR	1333N	03337E	418		961.4	1008.0	28.3	-6	25.4		11	187	88	5	193	50
62770 GENEINA	1329N	02227E	805		923.5	1011.2	27.5	.6	23.2		13	266	99	5	227	55
62771 EL OBEID	1310N	03014E	574		945.3	1008.6	27.6	-9	24.4		13	151	53	5	198	50

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%	
62772 KOSTI	1310N	03240E	381		966.9	1009.5	27.4	-1.3	25.6		14	134	37	5	205	50
<b>62781 EN NAHUD</b>	1242N	02826E	564		948.1	1010.3	28.6	.2	24.1		12	144	39	5	223	55
62790 NYALA	1203N	02453E	674		939.2	1010.7	26.7	-1.0	24.3		11	98	-21	2		
62795 ABU NA'AMA	1244N	03408E	445		960.0	1009.6	27.2	-.3	23.7		14	186	50	4	164	40
62805 DAMAZINE	1147N	03423E	470		956.6	1009.2	27.8	1.1	24.6		17	250	61	5	149	80
62810 KADUGLI	1100N	02943E	499		956.0	1011.6	27.5	.6	25.9		12	156	22	4	173	45
62941 JUBA	0452N	03136E	457		959.2	1011.3	27.2	1.3	25.6		11	149	13	4	159	40
<b>ETHIOPIA</b>																
63331 GONDAR	1232N	03725E	1667						16.4		28	224	218			85
63402 JIMMA	0740N	03650E	1725		832.4				17.7		20	187	181			80
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.8	1013.0	16.1		13.7		5	221		2		
63471 DIREDAWA	0936N	04151E	1260		882.5		27.1		17.7		13	136	130			105
<b>SEYCHELLES</b>																
<b>63980 SEYCHELLES INT. AIRPORT</b>	0440S	05531E	3		1010.9	1011.3	26.2	.4	28.3	1.6	24	167	87	5	171	74
<b>DEMO. REPUBLIC OF THE CONGO</b>																
64210 KINSHASA/N'DJILI	0423S	01526E	312		978.4	1013.8	23.8		23.2		1	46				
<b>RWANDA</b>																
64387 KIGALI	0158S	03007E	1497		853.0	1524 Y			13.7		0	T	-9			
<b>CONGO</b>																
64405 SIBITI	0341S	01321E	531				20.9		22.4		01	1				
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		977.6	1013.1	23.7		22.8		1	2		4	127	100
64458 OUESSO	0137N	01603E	352		972.4	1011.8	24.4		27.0		7	61		1		
<b>64459 IMPFONDO</b>	0137N	01804E	326				24.8		27.7		10	121		2		
<b>GABON</b>																
64500 LIBREVILLE	0027N	00925E	15		1012.0	1013.4	26.0	1.7	27.7		6	85	79	6	132	111
64501 PORT-GENTIL	0042S	00845E	4		1013.4	1014.4	25.8	2.3	27.3		3	246	243		143	88
64504 COCOBEACH	0100N	00936E	13		1013.1	1014.6	25.4	.9	28.4		8					
64510 BITAM	0205N	01129E	599				26.6	3.2	25.0		6	71	23			
64556 MAKOKOU	0034N	01252E	515		954.9	1011.9	23.4	1.2	24.8		4	126	117			
<b>CENTRAL AFRICAN REPUBLIC</b>																
64600 BERBERATI	0415N	01548E	583		947.2	1011.8	23.5		25.0		15	370				
64601 BOUAR	0558N	01538E	1020		901.4	1502 Y	21.4		22.1		15	221				
64650 BANGUI	0424N	01831E	366		971.3	1011.9	24.9		26.5		15	163			154	
64654 N'DELE	0824N	02039E	511		958.0	1014.9	25.3		25.2		14	156				
64656 BANGASSOU	0444N	02250E	500		956.7	1011.7	24.7		26.1		13	199				
<b>BENIN</b>																
<b>65306 KANDI</b>	1108N	00256E	292		979.0	1011.7	26.6	.2	28.3	1.4	15	263	67	5	213	96
65319 NATITINGOU	1019N	00123E	461		961.3	1012.6	24.9	-.2	26.0	.5	16	179	-46	3	133	81
65330 PARAKOU	0921N	00237E	393		968.8	1012.6	25.2	.1	26.0	.6	11	103	-86	1	153	110
<b>65335 SAVE</b>	0802N	00228E	200		990.1	1012.6	25.3	-.1	28.0	2.1	14	223	48	4	134	124
65344 COTONOU	0621N	00223E	9		1012.4	1013.4	25.6	-.2	28.4	.3	2	15	-132	1	204	150



## SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>GHANA</b>																
65442 KUMASI	0643N	00136W	293		981.5	1014.9	24.8		25.2		7	96			130	
<b>BURKINA FASO</b>																
65501 DORI	1402N	00002W	277		979.9	1010.7	29.2		26.1		9	214		5	250	
65502 OUAHIGOUYA	1334N	00225W	336		977.6	1011.7	27.4		27.1		14	180		3	263	110
65503 OUAGADOUGOU	1221N	00131W	306		977.0	1011.7	27.4		27.1		14	180		3	263	110
65505 DEDOUGOU	1228N	00329W	300		978.1	1011.7	26.8		27.3		14	168		3	241	
65507 FADA N'GOURMA	1202N	00022E	309		977.1	1011.5	26.8		27.3		10	187		3	246	
65516 BOROMO	1145N	00256W	271		981.7	1012.1	26.9		26.3		12	186		3	215	
65518 PO	1109N	00109W	322		975.4	1011.5	25.8		27.7		14	181		4	223	
65522 GAOUA	1020N	00311W	335		979.7	1012.4	26.0		26.8		11	0143		2	201	
<b>COTE D'IVOIRE</b>																
65557 GAGNOA	0608N	00557W	210		990.1	1013.9	25.0	.1	26.4	.2	5	71	-18	3	151	126
<b>COMOROS</b>																
67005 DZAOUZI/PAMANZI (MAYOTTE)	1248S	04517E	7		1016.1	1017.7	25.1		22.7		1	7		6	245	
<b>MADAGASCAR</b>																
67009 DIEGO-SUAREZ	1221S	04918E	105		1004.6	1016.6	23.7	.2	19.8	-.2	2	27	8	4	277	101
67095 TAMATAVE	1807S	04924E	6		1021.1	1021.8	20.4	.0	20.4	-.7	24	400	112	5	167	103
67161 TULEAR	2323S	04344E	8		1020.7	1021.6	20.7	.4	17.5	4.8	1	1	-5	3		
67197 FORT-DAUPHIN	2502S	04657E	9		1022.6	1023.6	19.7	-.1	18.1	-.4	13	98	-50	3	209	99
<b>MOZAMBIQUE</b>																
67283 QUELIMANE	1753S	03653E	16		1021.3	1023.2	20.6		19.2		6				218	
67341 MAPUTO/MAVALANE	2555S	03234E	44		1015.1	1022.6					2	6		2	269	80
<b>MALAWI</b>																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229			1571 Y	15.2		11.7						250	
<b>ZIMBABWE</b>																
67964 BULAWAYO (GOETZ OBS.)	2009S	02837E	1344		874.1	1579 Y	13.7		8.7		0	0	-1	4	314	110
<b>SOUTH AFRICA</b>																
68174 PIETERSBURG	2350S	02925E	1237		890.1	1584 Y	11.5		6.7						307	110
68242 MMABATHO	2547S	02532E	1251		879.9	1589 Y	12.7		5.0						315	
68262 PRETORIA	2544S	02811E	1306		880.3	1592 Y	11.7		6.2						295	102
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		838.6	1588 Y	10.5		5.1						284	100
68424 UPINGTON	2842S	02127E	850		931.4	1567 Y	13.3		4.8						309	107
68438 KIMBERLEY	2848S	02446E	1196		889.3	1576 Y	10.8		5.0						303	106
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		868.7	1579 Y	7.4		3.8						276	101
68512 SPRINGBOK	2967S	01790E	1007		908.4	1557 Y	13.0		5.4		1	1		1	278	
68538 DE AAR	3065S	02400E	1287		878.8	1577 Y	10.5		4.4						299	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1022.8	1024.5	16.3		12.8		1	2	-37	1	260	113
68618 CALVINIA	3128S	01946E	975		909.1	1558 Y	10.5		5.2		1	1		2	273	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1017.2	1022.4	12.4		10.6		9	33	-50	1	214	111

# SURFACE

## JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
68828 GEORGE AIRPORT	3401S	02223E	190		1000.0	1022.9	12.8		9.5		4	43			229	
68842 PORT ELIZABETH	3398S	02562E	69		1015.7	1023.1	13.1		10.6		5	31	-16	3	243	107
68858 EAST LONDON	3302S	02750E	125		1009.2	1024.2	14.8		11.0		3	6	-41	1	245	104
68994 MARION ISLAND	4653S	03752E	21		1003.2	1005.9	4.0		6.7		24	168	-26	2	64	98
<b>N AMERICA</b>																
<b>USA (ALASKA)</b>																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1008.2	5.1	1.0	6.4		8	25	2	4		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1011.4	10.7	-1.4	10.4		8	52	15	4		
70200 NOME	6430N	16526W	7			1012.7	9.6	-1.2	10.4		8	52	-3	3		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1014.4	13.8	1.0	12.2		13	73	23	4		
70231 MCGRATH	6258N	15537W	103			1013.4	15.9	1.1	11.5		13	114	62	5		
70261 FAIRBANKS/INT.	6449N	14752W	138			1012.2	16.2	- .7	12.1		16	151	104	6		
70273 ANCHORAGE/INT.	6110N	15001W	40			1013.8	16.9	2.2	12.9		6	32	-11	2		
70308 ST. PAUL	5709N	17013W	9			1015.5	8.9	1.1	10.6		3	17	-31	1		
70316 COLD BAY	5512N	16243W	31			1015.6	10.7	.4	11.4		14	62	-2	3		
70326 KING SALMON	5841N	15639W	15			1013.7	14.1	1.5	12.4		9	62	6	4		
70361 YAKUTAT	5931N	13940W	9			1017.1	12.9	.9	13.2		11	136	-71	2		
70398 ANNETTE ISLAND	5502N	13134W	34			1018.9	15.5	.9	14.7		11	78	-30	2		
<b>USA</b>																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1018.2	29.4	.3	31.3		7	40	-51	1		
72202 MIAMI, FL.	2549N	08017W	4			1018.7	29.1	1.0	28.0		10	161	17	4		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1019.0	28.6	.7	30.2		12	76	-80	3		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1019.0	28.0	.1	26.4		14	210	26	4		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1018.5	27.0	- .6	27.6		17	186	44	5		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1018.2	27.7	.0	29.7		15	162	0	5		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1017.9	27.3	- .2	28.9		12	231	58	4		
72211 TAMPA/INT., FL.	2758N	08232W	3			1018.8	28.1	.1	27.0		14	92	-75	1		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1018.3	26.7	- .7	26.3		18	193	-31	3		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1017.5	27.2	- .1	26.5		14	168	59	5		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1017.2	26.2	- .9	26.8		13	179	72	5		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1017.6	25.5	- .5	24.7		7	136	9	4		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1017.9	27.2	- .7	26.6		14	241	67	4		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1017.5	26.8	- .6	27.3		13	195	64	5		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1017.6	28.1	.4	29.3		16	163	8	5		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1017.2	26.5		27.9		17	257		5		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1016.9	27.0	- .5	26.9		11	58	-56	2		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1017.6	28.0	.1	29.0		6	76	-56	2		
72242 GALVESTON, TX.	2918N	09448W	16			1016.7	28.6	.1	30.2		9	113	13	5		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1016.3	28.5	.4	27.5		11	136	45	5		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1016.1	28.2	.0	26.8		8	78	-15	3		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1015.3	28.9	- .3	28.1		8	66	18	5		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1015.3	28.1	- .8	30.3		9	109	49	5		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1015.0	27.7	-1.7	25.8		9	206	152	6		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1015.2	27.7	-1.5	24.2		4	36	-15	4		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1016.0	27.9	-1.0	28.5		12	202	118	5		

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
72256 WACO, MADISON-COOPER, TX.	3137N	09713W	155			1015.3	29.4	- .4	26.0		6	70	20	5		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1014.8	30.2	.6	22.5		2	2	-56	1		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1014.7	27.8	- .4	20.3			23	-3	1		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1013.6	28.1	.3	19.7		3	29	-14	3		
<b>72266 ABILENE/MUN., TX.</b>	3225N	09941W	546			1014.6	28.4	- .5	20.9		1	1	-52	1		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1013.2	28.1	1.4	16.3		0	0	-60	1		
<b>72270 EL PASO/INT., TX.</b>	3148N	10624W	1194			1010.4	29.4	1.5	12.7		3	14	-25	2		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1010.0	31.8	1.5	15.3		9	64	4	4		
<b>72278 PHOENIX/SKY HARBOR INTL, AZ.</b>	3326N	11201W	337			1008.4	36.5	2.3	15.4		1	16	-5	3		
<b>72290 SAN DIEGO/LINDBERGH, CA.</b>	3244N	11710W	9			1013.8	21.2	- .5	19.9							
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1013.1	21.9	1.3	19.9							
<b>72304 CAPE HATTERAS, NC.</b>	3516N	07533W	3				25.4	- .3			9	211	85	5		
<b>72306 RALEIGH/RALEIGH-DURHAM, NC.</b>	3552N	07847W	134			1016.9	25.7	.1	26.6		10	112	11	3		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1016.0	26.7	1.0	25.6		13	217	89	5		
72310 COLUMBIA, SC.	3357N	08107W	69			1017.1	26.5	- .6	25.4		14	230	91	5		
<b>72312 GREENVILLE/SPATANBURG, SC</b>	3454N	08213W	296			1016.3	25.1	- .6	24.6		16	203	86	5		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1016.9	24.7	-1.6	24.9		14	211	112	5		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1017.7	22.2	- .5	21.5		14	277	163	6		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1016.9	24.5	- .4	24.0		12	193	79	5		
<b>72324 CHATTANOOGA/LOVELL FIELD, TN</b>	3502N	08512W	210			1017.1	25.3	- .6	23.9		14	219	96	5		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1016.5	24.6	- .2	24.9		14	210	92	5		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1016.4	25.7	- .6	22.8		10	73	-27	2		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				28.7		27.6		5	86		3		
<b>72344 FORT SMITH/MUN., AR.</b>	3520N	09422W	141			1015.1	28.1	.6	24.5		3	12	-63	1		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1013.6	30.0	.6	21.6			2	-41	0		
72365 ALBUQUERQUE/INT., NM.	3503N	10637W	1620			1011.1	28.8	3.0	9.8		2	11	-23	1		
<b>72386 LAS VEGAS/MCCARRAN, NV.</b>	3605N	11510W	664			1008.8	34.9	2.1	6.5		4	28	20	5		
<b>72389 FRESNO/AIR TERM., CA.</b>	3646N	11943W	100			1011.6	30.3	2.6	6.5		0	0	-1	5		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1016.3	25.4	- .2	25.8		14	237	110	5		
<b>72405 WASHINGTON/NAT., VA.</b>	3851N	07702W	20			1015.6	25.4	-1.3	22.6		8	147	51	4		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1015.1	24.1	- .9	21.8		11	141	48	4		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1015.4	24.3	.6	24.9		11	103	6	4		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1015.1	25.9	1.1	22.8		10	51	-57	2		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1016.5	23.9	- .3	21.7		14	131	32	5		
72412 BECKLEY (RALEIGH CTY. MUN), WV.	3747N	08107W	766			1016.8	20.8	- .1	20.0		13	106	-13	3		
72414 CHARLESTON/KANAWHA., WV.	3822N	08136W	299			1015.8	22.8	-1.1	22.1		12	150	24	5		
72421 CINCINNATI/GREATER C.V., OH.	3903N	08440W	267			1015.4	23.2	- .7	23.2		10	127	20	4		
<b>72422 LEXINGTON/BLUE GRASS, KY.</b>	3802N	08436W	301			1016.1	24.0		22.5		7	130		3		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1015.6	25.2	.1	22.5		8	87	-27	3		
72425 HUNTINGTON, WV	3822N	08233W	255			1015.7	23.2	- .5	22.2		13	185	67	5		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1015.2	22.9	.0	20.0		12	75	-34	5		
72429 DAYTON/. COX, OH	3952N	08407E	306			1016.0	22.2	-1.2	19.9		12	161	72	5		
<b>72432 EVANSVILLE/REG., IN.</b>	3803N	08732W	118			1015.6	25.0	- .8	24.4		6	112	10	4		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1014.6	26.7	.1	23.9		6	64	-33	2		
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246			1015.2	23.3	- .8	22.2		16	206	93	5		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1015.0	23.9	- .8	23.4		5	99	10	4		
<b>72445 COLUMBIA/REGIONAL, MO.</b>	3849N	09213W	274			1015.1	25.2	.0	22.6		5	28	-65	2		
<b>72476 GRAND JUNCTION/WALKER F., CO.</b>	3907N	10832W	1475			1010.2	29.0	3.0	9.5		00	9999	-016	3		
<b>72483 SACRAMENTO/EXECUTIVECA.</b>	3831N	12130W	8			1012.2	26.3	2.0	14.7		0	0	-1	5		

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1012.4	22.1	2.4	6.5			12	-5	1		
72488 RENO/INTL., NV.	3930N	11947W	1341			1013.7	26.2	4.2	9.3		3	6	-1	3		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1014.8	17.2	.1	13.9							
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1014.5	25.1	.4	20.8		8	109	6	4		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1014.7	23.0	.4	20.6		8	91	11	4		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1014.2	23.0	-2	19.3		8	68	-13	3		
72509 BOSTON/LOGAN INTL., MA	4222N	07102W	9			1014.1	23.5	.4	21.6		7	54	-18	3		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1014.5	21.7	-4	18.3		9	96	0	3		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1015.5	20.0	-7	16.7		10	125	37	5		
72517 ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117			1014.9	23.4	.0	20.6		8	138	33	5		
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124			1013.8	21.7	.4	17.8		11	84	-12	3		
72520 PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373			1016.1	21.8	-5	19.2		11	153	58	5		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1015.2	21.6	-6	20.6		12	319	216	5		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1015.3	20.5	-8	20.2		12	264	161	6		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1014.1	20.8	-9	18.2		12	94	16	4		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1013.9	21.3	.1	18.8		11	57	-11	3		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1014.4	22.4	-5	18.3		13	114	21	5		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1014.7	23.7	-5	22.2		5	146	40	5		
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252			1015.3	21.9	-1.4	20.2		12	249	162	6		
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236			1015.1	21.6	-1.1	18.8		9	158	61	5		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1014.5	22.0	-3	18.5		10	103	20	4		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1014.4	22.5	.1	19.3		4	66	-14	5		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1014.1	23.7	-3	21.1		7	140	15	3		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1013.8	24.8	.0	22.6		7	103	7	3		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1013.4	24.4	.3	21.7		5	70	-11	3		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1014.0	23.6	-7	22.9		6	95	12	4		
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1013.0	25.3	2.0	18.5		6	48	-29	2		
72564 CHEYENNE, WY.	4109N	10449W	1872			1012.9	24.0		9.7		2	11		0		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1012.9	22.9	1.3	10.1		2	10	-22	1		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1010.7	28.6	3.1	9.0		2	8	-12	2		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1012.8	24.4	2.7	10.3		1	11	-9	3		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1013.4	23.7	2.3	6.5		0	0	-16	1		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1013.2	24.2	1.9	6.5		1	5	-1	4		
72594 EUREKA, CA.	4048N	12410W	18			13.3	-6				0	9999	-003	3		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1015.0	25.3		13.1		0	0		1		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1013.9	21.9		17.7		5	50		2		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1013.7	20.6	.3	18.5		7	38	-40	2		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1012.9	21.8	.4	17.4		11	88	-4	3		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1014.7	21.1	-9	18.3		10	90	9	4		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1014.5	21.0	-3	18.3		9	86	33	5		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1014.3	21.4	.0	17.9		7	44	-24	2		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1014.3	21.4	-2	19.2		10	62	-26	2		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1014.3	21.3	-4	18.3		11	108	22	4		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1014.8	20.8	-8	19.2		9	87	-19	3		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1013.8	20.0	-9	18.6		10	108	30	5		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1013.3	22.8	-7	20.8		5	42	-26	2		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1012.8	23.7	.1	19.0		6	33	-34	2		
72658 MINNEAPOLIS/ST. PAUL INTL, MN.	4453N	09313W	255			1013.5	23.2	.1	18.3		9	52	-37	2		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1013.0	25.1	2.8	12.8		2	12	-39	0		

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1013.2	23.1	2.2	11.5		1	3	-19	1		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1012.4	25.8	3.3	9.1		0	0	-23	0		
72681 BOISE/MUN., ID.	4334N	11613W	874			1012.0	27.0	3.7	6.5		2	7	-1	4		
72688 PENDLETON, OR.	4541N	11851W	456			1013.6	24.6	1.9	6.5		0	9999	-008	1		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1017.6	22.0	1.9	14.2							
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1012.1	18.3	-.3	16.6		15	156	55	5		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1012.7	18.1	.4	15.5		9	104	36	4		
72745 DULUTH/INT., MN.	4650N	09211W	432			1013.8	19.0	.1	15.7		14	122	31	4		
72747 INT.FALLS/FALLS INT.MN.	4834N	09323W	361			1013.2	17.8	-1.5	15.7		8	85	-6	3		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1012.9	21.4	-.3	18.2		6	44	-24	2		
72764 BISMARCK/MUN., ND.	4646N	10045W	506			1012.9	22.5	1.2	15.1		5	35	-19	2		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1013.4	22.4	.9	13.7		5	49	-4	4		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1013.0	23.5	1.9	11.3		3	38	-5	3		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1014.7	24.6	3.9	9.6		1	6	-21	1		
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972			1015.0	22.7	3.4	6.5		2	12	-11	2		
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325			1014.0	23.4	2.3	6.6		0	0	-4	2		
72785 SPOKANE/INT., WA.	4738N	11732W	721			1014.2	22.9	2.5	8.1		0	0	-17	1		
72792 OLYMPIA, WA.	4658N	12254W	61			1018.3	18.5	1.3	13.4		2	4	-16	5		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1019.3	15.5		14.0		6	46		3		
<b>CANADA</b>																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74			1000.6	18.3	1.6	12.7		6	45	-5	3	323	110
71066 HIGH LEVEL, ALTA	5837N	11710W	338			971.3	1011.9	17.0	.8	12.0	10	48	-13	2		
71069 SLAVE LAKE, ALTA	5518N	11447W	581			945.6	1014.2	16.6	.9	13.4	9	63	-33	1		
71078 LYNN LAKE, MAN.	5652N	10105W	357			969.9	1012.7	16.6	.8	12.6	9	54	-23	2	306	110
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204			985.3	1012.2	16.4	.7	12.8	11	88	4	4		
71081 HALL BEACH, N.W.T.	6847N	08115W	8			1010.2	1011.1	8.2	2.4	8.2	9	24	-7	3		
71090 CLYDE, N.W.T.	7029N	06831W	26			1008.6	1012.0	5.8	1.6	8.2	3	22	0	3		
71095 POND INLET, N.W.T.	7242N	07758W	55			1002.5	1009.5	6.4		7.3	9	59		5		
71101 SANDSPIT, B.C.	5315N	13149W	6			1017.6	1018.4	14.6	.5		7	24	-20	2		
71109 PORT HARDY, B.C.	5041N	12722W	22			1016.8	1019.4	14.6	.9	12.7	13	108	52	5		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40			1009.7	1014.6	14.5	1.0	14.5	10	106	0	3		
71600 SABLE ISLAND, N.S.	4356N	06001W	4			1016.4	1016.9	16.6	1.1	17.0	10	74	-26	2		
71603 YARMOUTH, N.S.	4350N	06605W	43			1010.0	1015.2	17.3	1.0	17.5	5	31	-53	1	182	80
71727 BAGOTVILLE, QUE.	4820N	07100W	159			992.4	1011.5	17.8	-.2	15.0	15	88	-26	2		
71803 GANDER INT. AIRPORT, NFLD.	4857N	05434W	151			995.4	1013.5	17.2	.9	15.4	18	95	22	4	220	100
71813 NATASHQUAN, QUE.	5011N	06149W	11			1009.7	1011.0	14.9	.7	14.3	10	170	83	5		
71816 GOOSE, NFLD.	5319N	06025W	49			1004.3	1010.3	15.8	.3	12.5	13	140	21	4	193	95
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195			986.6	1010.3	14.5		11.4	8	73		3		
71828 SCHEFFERVILLE, QUE.	5448N	06648W	518			948.6	1010.7	13.4	1.0	11.6	17	138	35	5		
71842 SIOUX LOOKOUT, ONT.	5007N	09154W	390			966.6	1012.9	19.0	.4	14.7	12	109	16	4		
71867 THE PAS, MAN.	5358N	10106W	271			979.8	1012.2	18.4	.7	14.4	11	86	17	4	323	105
71869 PRINCE ALBERT, SASK.	5313N	10541W	428			962.8	1013.6	18.5	.9	14.7	12	104	32	5		
71887 KAMLOOPS, B.C.	5042N	12027W	346			973.9	1014.4	23.2	2.4	9.5	1	2	-25	0		
71905 KUUJJUARAPIK, QUE.	5517N	07746W	10			1008.9	1010.2	11.4	1.2	10.7	6	30	-42	1		
71906 KUUJJUAQ, QUE.	5806N	06825W	37			1005.7	1010.6	12.9	1.9	10.6	15	104	47	5		
71907 INUKJUAQ, QUE	5827N	07807W	6			1007.6	1010.7	11.4	2.3	9.7	6	24	-31	1		
71909 IQALUIT, N.W.T.	6345N	06833W	34			1008.8	1013.0	8.9	1.2	8.9	3	16	-42	1		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50			1006.1	1012.4	8.8		8.3	8	54		5		

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
71924 RESOLUTE, N.W.T.	7443N	09459W	67		1002.2	1010.8	5.0	1.0	7.3		6	40	17	5		
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1009.7	1012.0	12.4	1.3	10.5		6	40	1	3	329	100
71935 HAY RIVER, N.W.T.	6050N	11547W	166		990.9	1011.0	17.0	1.2	11.7		7	32	-13	2		
71945 FORT NELSON, B.C.	5850N	12235W	382		966.7	1012.2	18.2	1.5	12.8		9	60	-23	2		
71950 SMITHERS, B.C.	5449N	12711W	523		955.4	1017.1	15.0	.1	11.3		11	56	11	5		
71957 INUVIK, N.W.T.	6818N	13329W	68		1001.5	1009.9	14.0	.2	10.5		9	37	3	4		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		931.6	1014.9	15.4	1.4	9.4		7	34	-4	3	311	120
<b>MEXICO</b>																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		859.9	1009.5	25.8		15.6		5	80		3	338	
76256 EMPALME, SON	2755N	11054W	11		1010.2	1011.5	31.8		27.9		6	173		5	349	
76311 CHOIX, SIN.	2643N	10817W	238		983.4	1009.9	29.6		30.0		14	126		1	268	
76382 TORREON, COAH.	2532N	10327W	1124		889.3	1008.3	27.6		19.9		6	34		3	211	
76390 SALTILLO, COAH	2527N	10059W	1790		824.2	1009.6	19.8		5.7		21	291		6	225	
76393 MONTERREY, N.L.	2552N	10012W	512		956.1	1013.0	28.0		23.9		1	52		4	201	160
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1008.1	1013.6	27.0		22.0		1	2		0	320	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1010.2	1012.3	29.8		22.8		0	0		2	309	
76423 DURANGO, DGO	2402N	10440W	1872		816.9	1011.2	19.6		16.2		24	118		3	232	
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1012.0	1012.5	29.2	.5	29.1	-1.5	7	52	-160	1	271	122
76548 TAMPICO, TAMPS	2213N	09751W	9		1012.4	1015.4	28.8	.8	29.4	.0	11	137	26	3	217	99
76556 TEPIC, NAY	2131N	10454W	922		912.0	1011.9	23.9		23.1		20	327		2	189	
76577 GUANAJUATO, GTO.	2101N	10115W	1999		806.3	1012.6	19.6	.3	15.8	.6	17	346	188	3	194	96
76634 TULANCINGO, HGO.	2005N	09822W	2181		788.8	1019.4	17.9		12.7		5	18		1	220	
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1013.4	1014.6	27.5	.1	29.5	1.5	11	173	11	4	275	112
76654 MANZANILLO, COL.	1903N	10420W	3		1011.1	1011.5	29.0		31.1		7	80		2	239	110
76665 MORELIA, MICH.	1942N	10111W	1913		813.2	1012.2	19.8	1.3	16.7	1.7	21	263	87	6	209	
76675 TOLUCA, MEX	1918N	09940W	2720		739.6	1012.6	13.8		11.7		22	204			205	
76680 MEXICO (CENTRAL), D.F.	1924N	09912W	2308		776.3	1010.5	17.2	1.0	13.1	.2	17	0142	-041	5	179	124
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1013.3	1015.1	27.9	.3	30.7	1.3	14	343	-68	3	243	119
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1014.9	1016.0	29.5		29.8		12	97		2	258	
76743 VILLAHERMOSA, TAB	1759N	09255W	10		1013.7	1014.5	27.4		31.5		11	119			249	
76750 CHETUMAL, Q.ROO	1829N	08818W	9		1013.6	1014.6	28.9		29.7		12	139		3	171	
76805 ACAPULCO, GRO.	1650N	09956W	13		1011.3	1011.8	29.0	.5	31.6	.3	8	104	-105	2	312	140
76848 COMITAN, CHIS.	1615N	09208W	1530		839.5	1009.4	18.9		16.6		8	51		1	255	
76903 TAPACHULA, CHIS.	1455N	09216W	182		1004.0	1017.1			29.7		19	143		0	150	
<b>BAHAMAS</b>																
78073 NASSAU AIRPORT	2503N	07728W	7		1018.6	1019.4	28.8	.9	29.2	.2	16	90	-67	1	291	107
<b>JAMAICA</b>																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1015.1	1015.2	28.7		30.4		6	58			275	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1013.2	1014.8	29.3		25.3		3	15		2	250	
<b>DOMINICAN REPUBLIC</b>																
78458 PUERTO PLATA	1945N	07034W	5		1016.2	1016.8	27.8		28.6		14					
78486 SANTO DOMINGO	1826N	06953W	14		1015.2	1016.8	27.3	.3	28.7	2.6	12	251	107	4		
<b>PUERTO RICO AND US POSS</b>																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1017.4	27.9	-.2	31.4		14	119	8	4		

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.	
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr		
<b>BELIZE</b>																	
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1014.1	1014.6	28.4	.6	31.7		20	248	5	3	255	110	
<b>HONDURAS</b>																	
78705 LA CEIBA (AIRPORT)	1544N	08652W	26		1012.6	1014.2	27.8	.3	29.6	-.1	6	96	-78	2	205		
78708 LA MESA (SAN PEDRO SULA)	1527N	08756W	31		1010.3	1013.4	28.9	1.8	29.5		13	101	-9	3	285		
78720 TEGUCIGALPA	1403N	08713W	1007		904.0	1013.0	22.3	.2	20.6	1.6	9	64	-18		194	101	
<b>NICARAGUA</b>																	
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1005.0	1011.2	26.9		27.9		18	101		2	202	85	
<b>COSTA RICA</b>																	
78762 JUAN SANTAMARIA	1000N	08413W	939		909.4	1010.4	23.0	1.0	21.9		14	121	-60	2			
78767 PUERTO LIMON	1000N	08303W	3		1011.6		26.5	1.3	29.4		21	358	-50	3	103	86	
<b>ST.MAARTEN, ST.EUST., SABA</b>																	
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1017.8	1018.3	28.1	.1	25.6	-2.8	14	64	-12	3	269	105	
<b>ST.MARTIN, ST.BARTH., GUAD.</b>																	
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1015.4		27.5	-.1	27.9		21	172	22	5	186	80	
<b>MARTINIQUE</b>																	
78925 LE LAMENTIN	1436N	06100W	7		1014.9	1015.8	27.7	.5	28.2	-.9	22	214	11	3	202	82	
<b>BARBADOS</b>																	
78954 GRANTLEY ADAMS	1304N	05929W	56		1009.3	1015.8	27.7		31.2		13	133		3	233		
<b>TRINIDAD AND TOBAGO</b>																	
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1011.9	1014.4	27.2	1.0	29.7	1.3	19	181	-85	1	222	108	
<b>CURACAO AND BONAIRE</b>																	
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1013.6	1014.5	27.8	-.3	29.4	.1	8	54	20	4	290	103	
<b>S AMERICA</b>																	
<b>VENEZUELA</b>																	
80403 CORO	1125N	06941W	17				28.7	.3	28.4		6	32	-3	3	259	91	
80407 MARACAIBO-LA CHINITA	1034N	07144W	65		1002.9	1010.4	29.1	.6	28.9		7	30	4	4	230	94	
80410 BARQUISIMETO	1004N	06919W	614		943.8	1011.6	23.4	.3	23.6		14	121	44	5	224	97	
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		964.1	1012.4	25.9	1.6	28.6		18	178	49	5	201	91	
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1006.4	1011.8	26.8	.4	28.0		9	89	32	5	219	91	
80416 CARACAS/LA CARLOTA	1030N	06653W	835				23.5	1.3	22.9		16	224	103		169	80	
80419 BARCELONA	1007N	06441W	7								20	281	162	6	175	75	
80420 CUMANA	1027N	06411W	4				26.7		26.7		9	78			211	95	
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19				27.7		32.0		6	33			263	105	
<b>80423 GUIRIA</b>	1035N	06219W	14				27.0		28.2	.1	8	77	-49	2	223	111	
<b>80425 MENE GRANDE</b>	0949N	07056W	28				28.4	.8	30.2		14	144	42	4	225	100	

## SURFACE

JULY 2003

STATION		LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
						MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
		O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
80426	VALERA	0921N	07037W	582				25.1		24.7		10	152		188	95	
80427	ACARIGUA	0933N	06914W	225				25.2	.3	26.5		20	190	-28	147	81	
80428	GUANARE	0901N	06944W	163				24.7	.0	25.4		21	273	7	139	83	
80431	SAN JUAN DE LOS MORROS	0955N	06720W	429				24.3		24.1		27	293		160	80	
80432	CARRIZAL	0925N	06655W	161		996.0	1010.5	25.6		28.2		20	326		174	75	
80434	VALLE DE LA PASCUA	0913N	06601W	125				25.5		26.8		19	202		140		
80435	MATURIN	0945N	06311W	66		1006.0	1013.6	25.6	.0	25.7		24	202	-13	3	154	83
80437	EL VIGIA	0838N	07139W	103				26.7		26.2		19	112		182		
80438	MERIDA	0836N	07111W	1498		850.6	1503 Y	19.8	.5	18.6		16	111	-8	3	190	89
80440	BARINAS	0837N	07013W	204				25.2		27.0		15	229		140		
80442	CALABOZO	0856N	06725W	101				25.7		29.5		23	277		140		
80444	CIUDAD BOLIVAR	0809N	06333W	48		1007.5	1012.9	26.5	-.4	29.6		12	209	26	4	205	88
80447	SAN ANTONIO DEL TACHIRA	0751N	07227W	378				27.1	.3	16.1		11	32	6	4	182	98
80448	GUASDUALITO	0714N	07048W	131				25.0	.1	23.8		18	248	-38	138	93	
80450	SAN FERNANDO DE APURE	0754N	06725W	48				26.1	.4	30.4		26	516	240	6	118	67
80453	TUMEREMO	0718N	06127W	181		989.3	1009.7	24.4	-.5	25.1		17	113	-60	1	187	101
80457	PUERTO AYACUCHO	0536N	06730W	74		1006.3	1014.9	25.7	.6	23.7		18	569	171	5	109	75
80462	SANTA ELENA DE UAIREN	0436N	06107W	907				20.8	.2	22.1		27	414	185	5	169	88
80472	VALENCIA	1010N	06756W	431		963.9	1011.7	24.8		25.7		14	221		195		
80475	STO.DOMINGO (B.A.)	0735N	07204W	327				24.0		23.0		22	405		110	85	
<b>GUYANA</b>																	
81001	GEORGETOWN	0648N	05809W	2		1013.6	1014.0	26.8	.2	30.2		25	322	54	4	205	102
81002	TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1010.4	1013.9	28.1	2.7	29.3	.7	26	399	113	5		
<b>SURINAME</b>																	
81225	ZANDERIJ	0527N	05512W	15		1010.7	1013.1	26.0				20	238		138		
<b>FRENCH GUIANA</b>																	
81405	CAYENNE/ROCHAMBEAU	0450N	05222W	9		1012.8	1013.8	25.8		28.9		24	270	26	0	191	89
81415	MARIPASOULA	0338N	05402W	106		1001.9	1013.9	25.6		27.6		17	187	-31	3		
<b>BRAZIL</b>																	
82024	BOA VISTA	0249N	06039W	90				26.7		28.6		20	403		6		
82098	MACAPA	0002N	05103W	15		1011.9	1013.6	26.8	.7	30.4		24	266	82	5	220	97
82106	SAO GABRIEL DA CACHOEIRA	0008S	06705W	90				25.7		29.5		15	259		3	126	
82191	BELEM	0127S	04828W	10		1011.7	1012.3	26.4	.6	29.2		11	101	-51	1	271	108
82212	FONTE BOA	0232S	06610W	56		1005.7	1014.0	26.2		26.8		10	197		4	257	
82246	BELTERRA	0238S	05457W	176		994.3	1014.2	25.1	.9	30.7		15	177	84	5	236	104
82280	SAO LUIZ	0232S	04418W	51		1007.7	1013.5	26.6	.9	31.4		10	65	-72	2	241	102
82287	PARNAIBA	0305S	04147W	22		1007.5	1010.3	26.1	-.4	27.9		2	4	-17	2	276	98
82397	FORTALEZA	0346S	03836W	26		1011.8	1014.9	26.2	.5	26.6		2	17	-74	1	284	108
82410	BENJAMIN CONSTANT	0423S	07002W	65				25.7		29.0		2	73		2	149	
82425	COARI	0405S	06308W	46		1008.3	1013.9	27.2		31.3		6	40		1	223	
82445	ITAITUBA	0416S	05559W	45		1009.7	1014.9	27.8	1.4	32.3		6	55	-12	2	270	111
82533	MANICORE	0549S	06118W	50		1006.7	1012.2	26.8		38.9		1	14		2	253	
82562	MARABA	0521S	04909W	95		1001.4	1012.2	28.6	2.3	24.7		0	0	-20	1	294	119
82571	BARRA DO CORDA	0530S	04516W	153		995.9	1015.7	26.0	1.3	22.5		0	T	-14	1	295	115
82578	TERESINA	0505S	04249W	74		1005.2	1015.4	26.3	.3	23.4		0	0	-12	1	297	100



# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
							°C	°C	mb	mb	mm	mm	mm	hr		
82586 QUIXERAMOBIM	0512S	03918W	212		988.3	1012.0	26.2	.9	18.7		1	3	-42	1	274	113
82598 NATAL	0546S	03512W	45		1010.4	1015.5	24.9		27.0		12	202		3	258	125
82678 FLORIANO	0646S	04301W	123		1000.1	1015.9	27.8	2.8	18.6		0	0	-20	2	310	106
82704 CRUZEIRO DO SUL	0738S	07240W	170		990.0	1009.5	24.9		26.0		5	63		4	203	
82723 LABREA	0715S	06450W	60		1005.4	1013.7	25.0		26.9		3	17		1	233	
82765 CAROLINA	0720S	04728W	192		992.5	1016.5	26.5	.1	22.4		0	0	-9	3	322	113
82784 BARBALHA	0719S	03918W	409		969.3	1016.1	25.3	1.5	18.1		1	7	-4	3	267	106
82825 PORTO VELHO	0846S	06305W	95		1003.3	1009.1	23.2	-8	24.6		0	0	-22	1	255	117
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		993.5	1010.4	27.9	2.5	20.8		0	0	-18	2	323	113
82900 RECIFE (CURADO)	0803S	03455W	7		1016.1	1017.0	24.1	.1	25.6		26	282	-103	3	206	122
82915 RIO BRANCO	0958S	06748W	136		995.5	1014.0	23.5	.1	24.1		2	17	-25	2	244	120
82983 PETROLINA	0923S	04029W	370		975.8	1016.7	24.1	-6	19.6		0	0	-13	2	240	103
83064 PORTO NACIONAL	1031S	04843W	250		986.9	1013.8	28.4	3.0	18.6							
83096 ARACAJU	1055S	03703W	6		1017.3	1018.0	25.0	.4	23.9		15	172	-34	3	202	101
83186 JACOBINA	1111S	04028W	484		963.4	1017.7	21.0	-2	19.5		9	72	31	5	172	104
83229 SALVADOR	1301S	03831W	51		1012.9	1018.9	24.2	.6	24.2		19	186	-17	3	170	94
83235 TAGUATINGA	1216S	04626W	660		948.2	1015.0	24.8	1.4	14.7		0	0	-2	4	295	110
83236 BARREIRAS	1209S	04500W	440		965.8	1015.6	21.9	-3	16.0		0	0	-1	4	306	109
83242 LENCOIS	1234S	04123W	438		960.0	1018.6	21.1	.2	17.4		9	49	-16	2	162	111
83288 BOM JESUS DA LAPA	1316S	04325W	440		966.2	1015.5	24.1	.4	17.4		9	49	48	6	162	59
83332 POSSE	1406S	04622W	950		925.9	1016.6	22.2	.3	14.1						300	115
83344 VITORIA DA CONQUISTA	1457S	04053W	893		921.9	1019.7	17.1	-7	16.7		10	34	17	5	179	109
83361 CUIABA	1533S	05607W	179		998.1	1018.8	23.0	1.0	21.7		0	0	-9	1	263	106
83377 BRASILIA	1547S	04756W	1158		890.4	1016.6	21.9	2.8	11.4		0	0	-11	3	285	108
83423 GOIANIA	1641S	04917W	729		934.5	1016.6	22.0	1.2	13.2		0	0	-6	3		
83437 MONTES CLAROS	1643S	04352W	646		945.8	1018.4	20.3	.9	12.9		0	0	-3	3	281	109
83492 TEOFILLO OTONI	1751S	04130W	356		979.9	1018.9	20.5	1.0	18.9		7	16	-12	2	177	109
83498 CARAVELAS	1744S	03915W	3		1020.6	1021.1	22.6	.4	21.8		11	132	22	4	131	68
83552 CORUMBA	1900S	05739W	130			1022.0					1	22	-7	3		
83579 ARAXA	1934S	04656W	1004		906.6	1019.3	18.8	1.3	12.1		1	2	-18	2	265	104
83587 BELO HORIZONTE	1950S	04356W	850		918.1	1019.6	19.3	1.2	12.6		0	0	-15	2	235	92
83618 TRES LAGOAS	2047S	05138W	313		980.8	1018.2	17.6	-1.8	17.9							
83648 VITORIA	2019S	04020W	36		1017.2	1021.4	22.9	1.2	21.4		10	55	-23	3	194	
83676 CATANDUVA	2108S	04858W	536				17.7	-1.4			1	12	-10	3	219	91
83698 CAMPOS	2145S	04120W	11		1019.5	1020.9	21.6		20.5		8	40		4		
83702 PONTA PORA	2232S	05544W	650		942.2	1019.7	18.5	2.1	14.5		4	16	-39	2	203	96
83766 LONDRINA	2323S	05111W	566		954.8	1020.9	18.0	1.4	15.2		4	83	15	4	215	109
83781 SAO PAULO	2330S	04637W	792		930.5	1020.1	17.8	2.0	13.3		1	19	-25	2		
83836 IRATI	2528S	05038W	837		920.2	1018.3	13.9		13.5		6	111		3	136	
83842 CURITIBA	2526S	04916W	923				14.5	1.7			7	151	62	5	154	105
83881 IRAI	2711S	05314W	247		990.0	1020.7	15.4	2.0	15.0		3	58	-63	1	138	85
83897 FLORIANOPOLIS	2735S	04834W	2		1020.0	1020.2	17.3	1.0	16.8		5	23	-71	1	115	68
83967 PORTO ALEGRE	3001S	05113W	47		1016.0	1020.8	14.6	.1	14.2		8	159	38	4	135	91
83980 BAGE	3120S	05406W	217		991.0	1020.0	11.8	-7	12.2		7	62	-78	1	163	119
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1016.4	1020.9	10.8	-5	11.6		8	52	-68	1	151	105
<b>PERU</b>																
84370 TUMBES	0333S	08024W	27		1007.8	1010.6	23.4		24.7		2	4		5		
84377 IQUITOS	0345S	07315W	126		1002.9	1013.6	24.8		25.8		17	238	57	5		

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.	
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr		
84401 PIURA	0511S	08036W	55		1009.4	1016.3	21.1		19.5								
84425 YURIMAGUAS	0554S	07605W	184		996.2	1017.4	27.0		27.8			6	46	-43	1		
84452 CHICLAYO	0647S	07950W	34		1012.3	1015.4	19.5		17.3								
84455 TARAPOTO	0627S	07623W	282		985.4	1020.7	26.9		26.5			3	9	-49	1		
84501 TRUJILLO	0806S	07902W	30		1011.4	1015.5	18.4		21.2								
84515 PUCALLPA	0825S	07436W	149		996.6	1014.3	25.9		26.3			3	29		3		
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1013.5	1015.1	16.6		16.2								
84686 CUZCO	1333S	07159W	3249		689.3		9.5		5.4								
84691 PISCO	1345S	07617W	7		1012.5	1013.2	16.8		16.0								
84735 JULIACA	1529S	07009W	3826		645.1		9.0		6.4								
84752 AREQUIPA	1619S	07133W	2539		753.8		13.7		4.4								
84782 TACNA	1804S	07018W	469		965.2	1019.3	14.5		13.0				2	-2	5		
<b>BOLIVIA</b>																	
85033 GUAYARAMERIN	1049S	06521W	130		997.5	1013.5	25.0		14.8								
85041 COBIJA	1102S	06847W	235		986.9	1018.0	24.5		15.5			1	1		1		
85043 RIBERALTA	1100S	06607W	141		997.2	1013.4	25.3		15.3								
85104 SAN JOAQUIN	1304S	06449W	140		996.2	1012.0	24.0		13.7								
85109 SAN RAMON	1318S	06442W	140		995.9	1012.2	24.2		14.1								
85114 MAGDALENA	1320S	06407W	141		995.9	1012.2	24.6		14.5			1	8		3		
85123 SANTA ANA	1346S	06526W	144		996.6	1013.2	23.9		13.7			1	20		3		
85141 RURRENABAQUE	1428S	06734W	204		992.0	1015.1	22.6		16.0			1	4		1		
85151 APOLO	1444S	06830W	1415		860.9		19.0		15.4			4	23		2		
85152 SAN BORJA	1452S	06652W	194		992.1	1014.6	22.4		12.9			1	2		1		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		996.8	1015.1	22.6		12.8			2	7		2		
85154 TRINIDAD	1449S	06455W	155		996.4	1014.4	22.8		12.6			1	3		1		
85175 ASCENION DE GUARAYOS	1543S	06306W	247		987.2	1016.0	21.8		11.6			1	2		2		
85195 SAN JAVIER	1616S	06228W	534		955.7	1016.7	20.1		11.7								
85196 CONCEPCION	1609S	06201W	497		959.2	1016.2	21.2		11.2			1	3		2		
85201 LA PAZ/ALTO	1631S	06811W	4038		627.1		4.5		2.6			1	3		3		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		969.4	1016.7	21.2		10.8								
85210 SAN MATIAS	1620S	05823W	124		999.9	1017.5	22.9		12.4			1	3				
85223 COCHABAMBA	1725S	06611W	2548		749.8		14.7		5.6								
85230 CHARANA	1735S	06936W	4054		625.9		2.6		2.5			2	4		5		
85242 ORURO	1758S	06704W	3072				4.7		2.5			2	6		5		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		966.9	1015.1	20.7		10.3			3	19		2		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		984.1	1016.9	21.9		9.6			1	3		3		
85264 VALLEGRANDE	1828S	06406W	1998		794.0		13.0		7.6			1	3				
85268 ROBORE	1819S	05946W	276		985.9	1017.7	21.2		11.6			1	28		4		
85283 SUCRE	1901S	06518W	2904		720.2		11.9		4.8			1	1		4		
85289 PUERTO SUAREZ	1859S	05749W	134		998.8	1014.4	21.9		13.3			2	16		3		
85293 POTOSI	1933S	06544W	3935		636.5		5.3		2.1			1	12				
85315 CAMIRI	2000S	06332W	798		925.5	1015.9	17.2		7.7								
85345 VILLAMONTES	2115S	06327W	398		967.0	1017.0	17.7		11.1								
85364 TARIJA	2133S	06442W	1854		813.3		13.3		6.1								
85365 YACUIBA	2157S	06339W	645		943.6	1018.2	15.6		8.7								
<b>CHILE</b>																	
85406 ARICA	1821S	07020W	55		1012.3	1016.7	15.7	.1	13.3	-.5		0	T	-1	5	108	85

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
85418 IQUIQUE	2032S	07011W	48		1010.9	1016.6	15.6	.4	13.6	.3	0	0	-1	4	168	105
<b>85442 ANTOFAGASTA</b>	2326S	07027W	140		1000.2	1017.2	13.4	.0	12.1	.0	0	0	-1	4	184	85
<b>85469 ISLA DE PASCUA</b>	2710S	10926W	69		1013.5	1021.6	18.0		16.0		13	174		5	163	100
85470 COPIAPO	2718S	07025W	290		981.1	1015.7	10.9	-.4	9.7	-.4	0	0	-6	2	222	100
<b>85488 LA SERENA</b>	2955S	07112W	146		1001.9	1018.0	10.3	-.4	10.7	-.1	1	16	-14	4	167	105
85574 PUDAHUEL	3323S	07047W	474		963.6	1020.6	7.0				5	60		2	158	125
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		958.1	1019.9	8.0		8.8		6	73		3	148	130
<b>85585 ISLA JUAN FERNANDEZ</b>	3337S	07849W	30		1017.9	1021.6	12.4		11.1		12	76		1	97	
<b>85629 CURICO</b>	3458S	07113W	220								8	75	-91	2	135	160
85682 CONCEPCION	3646S	07304W	13		1019.9	1020.9	8.0	-.8	8.9	-1.0	7	110	-112	1	160	125
<b>85743 TEMUCO</b>	3846S	07238W	93		1009.6	1021.1	6.1	-1.1	8.0	-1.0	14	155	-13	3	104	135
<b>85799 PUERTO MONTT</b>	4126S	07306W	90		1008.7	1019.8	6.1	-.5	8.7	-.1	16	128	-100	1	73	105
85864 COYHAIQUE	4536S	07206W	311		976.4	1014.1	4.4	2.4	6.3	.5	8	40	-120	1	104	
<b>85874 BALMACEDA</b>	4555S	07142W	522			1013.5	2.3	2.1	5.8	.8	4	17	-66	1	145	
<b>85934 PUNTA ARENAS</b>	5300S	07051W	43		994.4	1000.5	4.2	3.1	5.8	.3	8	39	9	4	76	105
<b>ARGENTINA</b>																
<b>87007 LA QUIACA OBSERVATORIO</b>	2206S	06536W	3459		673.0	3137 Z	5.4	1.6	2.7	.1	0	0	0	1	290	
87016 ORAN AERO	2309S	06419W	357		974.7	1016.5	14.5	.1	11.8	-1.2	0	0	-6	1	151	
87022 TARTAGAL AERO	2239S	06349W	450		965.7	1017.9	14.6		11.0						168	
87046 JUJUY AERO	2423S	06505W	905		914.5	1514 Y	11.8		8.0		0	T		2	221	110
<b>87047 SALTA AERO</b>	2451S	06529W	1221		881.6	1523 Y	9.8	-.3	7.3	-1.0	1	1	-2	2	212	123
87078 LAS LOMITAS	2442S	06035W	130		1002.5	1017.7	17.0	.1	12.7	-.5	3			5	177	92
87097 IGUAZU AERO	2544S	05428W	270		987.2	1018.7	17.0		16.5		6			2	117	
87121 TUCUMAN AERO	2651S	06506W	450		966.2	1018.8	11.8		9.1			2			200	
<b>87129 SANTIAGO DEL ESTERO AERO.</b>	2746S	06418W	199		995.6	1019.4	11.5	-1.1	8.6	-1.4						60
87155 RESISTENCIA AERO.	2727S	05903W	52		1012.4	1018.4	15.1		12.1		1	60		1	132	
87162 FORMOSA AERO	2612S	05814W	60		1009.9	1017.0	16.4	-.4	14.4	-.5	2	5	-44	1	180	94
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		926.3	1542 Y	15.8		13.2		4	55			200	
87166 CORRIENTES AERO.	2727S	05846W	62		1011.8	1019.2	15.5	-.1	12.2	-1.9	2	54	4	1	174	94
87178 POSADAS AERO.	2722S	05558W	125		1003.7	1018.5	16.5	.3	14.0	-.3	4	22	-81	1	150	
87213 CHILECITO AERO	2914S	06726W	945			1532 Y	9.9		5.7		0	0			241	
<b>87217 LA RIOJA AERO.</b>	2923S	06649W	429		967.6	1018.4	10.5	-.4	8.1	-.2	0	0	-3	1	214	105
87222 CATAMARCA AERO.	2836S	06546W	454		963.2	1016.2	12.1		7.1			9			192	105
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		957.3				8.9	-.8	1	21	5	4		
<b>87257 CERES AERO</b>	2953S	06157W	88		1009.2	1019.8	11.3	-1.1	10.2	-1.2	1	1	-17	1	190	112
87270 RECONQUISTA AERO	2911S	05942W	53		1013.4	1019.7	13.3	-.5	11.3	-2.3	1	8	-31	1	188	109
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1011.2	1019.7	13.2	-.4	12.4	-.6	7	25	-65	1	153	100
87311 SAN JUAN AERO	3134S	06852W	598		949.2	1019.6	8.3		5.1		0	0		0	226	105
87320 CHAMICAL AERO	3022S	06617W	461								3	23	19	4	185	
87322 CHEPES	3120S	06636W	658				10.4	-.1	8.2	.0	1	100	94	4		
87328 VILLA DOLORES AERO	3157S	06508W	569				10.1	-.5	8.1	.4	2	9	-1	4	229	117
<b>87344 CORDOBA AERO</b>	3119S	06413W	474		963.9	1019.9	9.6	-.8	7.5	-1.2	2	17	3	4	206	117
87349 PILLAR OBSERVATORIO	3140S	06353W	338		980.1	1020.6	9.0	-1.3	8.1	-.6	2	116	101	4	192	105
<b>87374 PARANA AERO</b>	3147S	06029W	78		1011.0	1020.3	11.1	-.4	9.9	-1.2	5	43	10	4	183	108
87393 MONTE CASEROS AERO	3016S	05739W	54		1013.7	1020.2	12.9	-.5	11.8	-.9	3	34	-46	2	182	109
87395 CONCORDIA AERO	3118S	05801W	38		1015.6	1020.3	11.9	-.9	10.8	-1.4	4	16	-57	1	139	
<b>87418 MENDOZA AERO</b>	3250S	06847W	704		936.5	1018.9	7.8	.1	5.9	-.7	0	0	-6	1	218	120
87436 SAN LUIS AERO	3316S	06621W	713			1018.8									193	95

## SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
87448 VILLA REYNOLDS AERO	3344S	06523W	486			1020.4	6.7	-1.2	6.9	-.6	3	38	22	1	165	97
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1006.6	1020.5	8.5	-1.4	8.3	-1.8	5	39	14	4	170	115
87480 ROSARIO AERO	3255S	06047W	25		1009.5		9.6	-.7	9.3	-1.3	5	67	31	4	170	106
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1018.1	1020.2	10.4	-.6	9.6	-1.4	3	36	-19	2	170	125
87506 MALARGUE AERO	3530S	06935W	1425		859.2	1512 Y	3.9	.4	4.0	-1.3	1	8	-28	2	214	
87509 SAN RAFAEL AERO	3435S	06824W	748		931.9	1019.7	6.5	-.8	5.4	-.9					187	
<b>87534 LABOULAYE</b>	<b>3408S</b>	<b>06322W</b>	<b>137</b>		<b>1003.7</b>	<b>1020.4</b>	<b>7.3</b>	<b>-1.5</b>	<b>7.6</b>	<b>-1.1</b>	<b>2</b>	<b>42</b>	<b>26</b>	<b>5</b>	<b>170</b>	<b>110</b>
87544 PEHUAJO AERO	3552S	06154W	87		1009.2	1019.8	7.4	-.9	7.6	-1.7	3	53	27	5	183	
87548 JUNIN AERO	3433S	06057W	81		1010.0	1019.8	8.2	-.7	8.0	-1.6	4	98	63	5	165	111
87576 EZEIZA AERO	3449S	05832W	20		1017.9	1020.3	9.2	-.5	9.1	-.8	5	71	15	4	135	132
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1019.6	1020.3	11.3	.2	9.8	-.9	6	69	7	4	181	136
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1017.3	1020.5	10.7	-.3	9.6	-1.0	7	82	16	4	177	125
87593 LA PLATA AERO	3458S	05754W	19		1017.8	1028.7	8.0	-1.2	9.4	-.9	7	49	-9	3	179	141
87623 SANTA ROSA AERO	3634S	06416W	191		996.2	1019.5	7.0	-.6	6.1	-2.0	1	1	-17	2	166	114
87645 TANDIL AERO	3714S	05915W	175		997.9	1019.4	5.6		6.9		2			5	126	
87648 DOLORES AERO	3621S	05744W	9		1018.6	1019.7	7.6	-.6	8.8	-.8	6	31	-29	2		110
87679 FIGUE AERO	3736S	06223W	304		981.7	1019.5	6.8	.4	6.4	-1.5	4	19	-6	3		
87688 TRES ARROYOS	3820S	06015W	115		1004.3	1018.4	6.9		6.9		6	44		3	141	105
<b>87692 MAR DEL PLATA AERO</b>	<b>3756S</b>	<b>05735W</b>	<b>21</b>		<b>1016.3</b>	<b>1018.9</b>	<b>7.1</b>	<b>-1.0</b>	<b>8.3</b>	<b>-1.0</b>	<b>5</b>	<b>45</b>	<b>-13</b>	<b>3</b>	<b>126</b>	
<b>87715 NEUQUEN AERO</b>	<b>3857S</b>	<b>06808W</b>	<b>271</b>		<b>986.0</b>	<b>1019.0</b>	<b>6.3</b>	<b>.7</b>	<b>5.4</b>	<b>-.7</b>	<b>3</b>	<b>12</b>	<b>-2</b>	<b>3</b>	<b>191</b>	<b>144</b>
<b>87750 BAHIA BLANCA AERO</b>	<b>3844S</b>	<b>06210W</b>	<b>83</b>		<b>1007.9</b>	<b>1018.1</b>	<b>8.0</b>	<b>.4</b>	<b>7.0</b>	<b>-.8</b>	<b>0</b>	<b>0</b>	<b>-29</b>	<b>0</b>	<b>191</b>	<b>150</b>
87765 BARILOCHE AERO	4109S	07110W	840		921.0	1482 Y	2.2	.1	5.3	-.8	8	111	-17	2	167	143
87774 MAQUINCHAO	4115S	06844W	888		913.9	1471 Y	4.3	2.9	5.0	.1						
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1012.7	1013.6	6.3	-2.0	5.7	-1.7	1	8	-12	1	190	140
87791 VIEDMA AERO	4051S	06301W	7		1015.1	1016.0	6.2		6.5		4	23		3	191	140
87800 EL BOLSON AERO	4158S	07131W	337		978.8	1020.1	3.5		2.3		5	93			164	
<b>87803 ESQUEL AERO</b>	<b>4256S</b>	<b>07109W</b>	<b>785</b>		<b>922.1</b>	<b>1009.1</b>	<b>2.8</b>	<b>1.2</b>	<b>5.0</b>	<b>-.4</b>	<b>2</b>	<b>22</b>	<b>-51</b>	<b>1</b>	<b>160</b>	
87823 P.MADRYN AERO	4244S	06504W	136		996.8	1013.5	6.8		6.2		2	3			171	
<b>87828 TRELEW AERO</b>	<b>4312S</b>	<b>06516W</b>	<b>43</b>		<b>1008.4</b>	<b>1013.7</b>	<b>6.1</b>	<b>.1</b>	<b>5.6</b>	<b>-.4</b>	<b>01</b>	<b>1</b>	<b>-18</b>	<b>1</b>	<b>180</b>	<b>132</b>
87852 PERITO MORENO AERO	4631S	07101W	429		958.5	1010.0	5.1		6.1		0	0			152	
<b>87860 COMODORO RIVADAVIA AERO</b>	<b>4547S</b>	<b>06730W</b>	<b>46</b>		<b>1005.0</b>	<b>1010.6</b>	<b>8.6</b>	<b>2.2</b>	<b>5.3</b>	<b>-.4</b>	<b>1</b>	<b>3</b>	<b>-25</b>	<b>1</b>	<b>173</b>	<b>152</b>
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		963.1	1006.2	5.2		5.4		3	5			129	
87896 PUERTO DESEADO AERO	4744S	06555W	80		998.3	1008.2	5.2	1.6	6.7	.5	3	7	-20	2	120	
87909 SAN JULIAN AERO	4919S	06745W	62		998.6	1006.3	5.7		7.1		4	21		4	112	
<b>87925 RIO GALLEGOS AERO</b>	<b>5137S</b>	<b>06917W</b>	<b>19</b>		<b>1000.5</b>	<b>1002.8</b>	<b>4.2</b>	<b>3.3</b>	<b>6.0</b>	<b>.6</b>	<b>5</b>	<b>40</b>	<b>21</b>	<b>1</b>	<b>92</b>	
87938 USHUAIA AERO	5448S	06819W	14		988.3	995.3	3.6	2.3	6.2	.7	7	50	14	1	48	
<b>ANTARCTICA</b>																
<b>ARGENTINA (ANTARCTIC)</b>																
<b>88963 BASE ESPERANZA</b>	<b>6324S</b>	<b>05659W</b>	<b>13</b>				<b>-11.7</b>	<b>-.9</b>	<b>2.8</b>		<b>13</b>	<b>73</b>	<b>19</b>	<b>1</b>	<b>2</b>	
<b>88968 BASE ORCADAS</b>	<b>6045S</b>	<b>04443W</b>	<b>4</b>		<b>986.5</b>	<b>988.0</b>	<b>-7.6</b>	<b>1.8</b>	<b>3.6</b>		<b>18</b>	<b>121</b>	<b>77</b>	<b>6</b>	<b>4</b>	<b>40</b>
89053 BASE JUBANY	6214S	05838W	4		984.4	985.8	-5.5		3.8		7	28			3	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198		960.2	985.6	-16.9		1.7		6	19			3	
89066 BASE SAN MARTIN	6808S	06708W	4		976.9	977.8	-5.2		2.9		8					
<b>UNITED KINGDOM (ANTARCTIC)</b>																
89022 HALLEY	7530S	02639W	30		984.7	988.9	-35.2		.3							

## SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
89062 ROTHERA POINT	6734S	06808W	16		973.3	977.4	-6.0		3.4						1	
<b>UKRAINE (ANTARCTIC)</b>																
89063 VERNADSKY	6515S	06416W	11		979.8	981.2	-3.4		4.0		18	58		5	563	
<b>USSR (ANTARCTIC)</b>																
89050 BELLINGSHAUSEN	6212S	05856W	16		983.1	985.0	-5.8		3.9		16	42	42		1	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		970.1	985.6	-18.0		.8		6	29	27		0	
89592 MIRNYJ	6633S	09301E	30		978.7	984.6	-19.9		1.1		4	35	29	1		
<b>GERMANY (ANTARCTIC)</b>																
89002 NEUMAYER	7040S	00815W	50		981.6	986.9	-24.3		.8						0	
<b>ARGENTINA (ANTARCTIC)</b>																
89034 BASE BELGRANO II	7752S	03437W	256			990.2	-23.4		.3		2	3				
<b>CHILE (ANTARCTIC)</b>																
89056 CENTRO MET. ANTARTICO ' ' PDTE. ED	6211S	05859W	48			984.7	-5.5		4.0	.5	10	39		2		
89057 BASE ARTURO PRAT	6230S	05941W	5		984.4	985.0	-5.5	1.2	4.0	.9	16	41	-21	3	6	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		983.1	983.9	-8.0	.5	3.1	.5	9	36	-29	3	1	
<b>JAPAN (ANTARCTIC)</b>																
89532 SYOWA	6900S	03935E	21		982.1	984.8	-16.7	1.1	1.5	.3					9	
<b>AUSTRALIA (ANTARCTIC)</b>																
89564 MAWSON	6736S	06252E	16		987.7	989.8	-18.4		.8						22	
89571 DAVIS	6834S	07757E	13		985.3	988.4	-19.3		.8		01	1	-5	1	6	
89611 CASEY	6617S	11031E	42		975.2	980.6	-15.9		1.7		4	39				
<b>FRANCE (ANTARCTIC)</b>																
89642 DUMONT D'URVILLE	6640S	14001E	43		983.5	989.1	-16.1		1.1						24	
<b>SW PACIFIC</b>																
<b>MALAYSIA (PENIN. MALAYSIA)</b>																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1009.5	1009.8	27.9	1.0	29.8	-.1	12	201	9	3		
48615 KOTA BHARU	0610N	10217E	5		1009.0	1009.6	27.5	.4	30.3	1.0	12	178	24	4		
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1007.2	1009.7	27.8	1.2	29.6	.9	12	197	68	5		
48657 Kuantan	0337N	10313E	16		1008.2	1009.9	27.0	.7	31.2	2.1	17	312	140	5		
48665 MALACCA	0216N	10215E	9		1008.8	1009.8	27.3	.9	30.0	.4	12	177	13	3		
<b>SINGAPORE</b>																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.3	1010.1	28.1	1.0	31.0	1.2	13	170	25	4	173	93
<b>USA (PACIFIC OCEAN NORTH)</b>																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1017.4	26.3	.2	25.1		10	43	-11	3		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1016.6	28.0	1.1	23.8		2	13	-2	4		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1016.9	25.2	.9	24.3		24	260	14	4		

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1009.1	27.7	.3	31.4		23	538	173	5		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1010.1	26.9	.0	31.4		28	387	-80	2		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1009.9	28.5	.8	32.4		23	247	-18	3		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1009.4	28.2	1.0	30.7		21	249	-81	2		
91408 KOROR, PALAU IS.	0720N	13429E	33			1009.2	27.6	.2	30.4		25	640	182	5		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1008.9	27.4	.3	31.5		23	537	168	5		
<b>NEW CALEDONIA</b>																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1014.5	1016.7	20.2	.2	16.3		3	58	5	4	199	96
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1009.3	1017.7	20.0	.3	16.9		9	170	97	5	183	101
<b>TUVALU (NEW ZEALAND)</b>																
91643 FUNAFUTI	0831S	17913E	2		1009.5	1009.7	28.3		32.7		22	229		3	224	110
<b>FIJI</b>																
91650 ROTUMA	1230S	17703E	26			1011.5	26.8		29.5		22	303		4	189	95
91680 NANDI	1745S	17727E	25			1014.0	23.2	-.2	22.1		4	29	-18	3	203	93
91683 NAUSORI	1803S	17834E	7			1014.9	22.6		23.6		16	128		3		
91699 ONO-I-LAU	2040S	17843W	28			1016.1	22.4		21.3		8	33		1		
<b>NEW CALEDONIA (DETACHED IS.)</b>																
91753 HIHIFO (ILE WALLIS)	1314S	17610W	27		1008.2	1011.3	26.9		29.4		18	115		2	182	85
<b>SAMOA (USA)</b>																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1011.9	27.0		30.3		20	316		5		
<b>COOK ISLANDS (NEW ZEALAND)</b>																
91843 RAROTONGA	2112S	15949W	7		1016.3	1017.1	22.8		21.8		6	37		1	196	
<b>FRENCH POLY. (MARQUESAS)</b>																
91925 ATUONA	0948S	13902W	52		1006.6	1012.4	25.7		26.3		14	82	-54	2	185	92
<b>FRENCH POLY. (SOCIETY IS)</b>																
91929 BORA-BORA	1626S	15145W	3		1013.7	1014.1	26.1		26.2		11	58		3		
91938 TAHITI-FAAA	1733S	14937W	2		1014.4	1014.7	25.2		24.6		3	17	-43	2	221	94
<b>FRENCH POLY. (TUAMOTU IS)</b>																
91943 TAKAROA	1429S	14502W	3		1013.5	1013.8	26.7		27.6		19	101	11	4	224	90
91945 HEREHRETUE	1952S	14500W	3		1016.3	1016.8	24.2		23.4		5	31		1	191	85
91948 RIKITEA	2308S	13458W	89		1008.4	1018.7	20.8		19.8		16	116	-51	1	110	72
<b>FRENCH POLY. (AUSTRAL IS)</b>																
91954 TUBUAI	2321S	14929W	3		1017.9	1018.2	21.8		20.5		12	54	-90	1	188	107
91958 RAPA	2737S	14420W	2		1019.9	1020.2	18.9		16.4		11	117		1	132	105
<b>PAPUA NEW GUINEA</b>																
92001 KIUNGA W.O.	0605S	14111E	35		1006.3	1010.3			28.4		11	107			169	
92003 DARU W.O.	0905S	14312E	9		1010.9	1011.9			27.2		21	137			118	
92004 WEWAK W.O.	0335S	14340E	4		1008.9	1009.3			30.2		17	243			128	

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
92014 MADANG W.O.	0513S	14548E	5		1008.7	1009.3			29.5		7	26		0	178	85
92035 PORT MORESBY W.O.	0923S	14713E	58		1003.6	1009.4			25.8		2	140		3	189	90
92072 HOSKINS W.O.	0528S	15024E	8						23.3		22	121				
92076 KAVIENG W.O.	0234S	15049E	4		1008.8	1009.3			24.7		21	328			181	
92077 GURNEY W.O.	1019S	15020E	23		1009.9	1012.6			27.8		19	182			70	
92087 MISIMA W.O.	1041S	15250E	7		1011.2	1012.0			28.9		10	70		1	138	
<b>NEW ZEALAND</b>																
93012 KAITAIA	3506S	17316E	54				11.0		10.8		13	112	-36	2	151	100
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1017.9	8.9	- .3	8.8		13	78	-40	1		
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1018.3	8.9		9.0		12	115		2		
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1018.2	7.5	- .9	9.2							
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1018.1	6.5		7.6		13	91		1		
93678 KAIKOURA	4225S	17342E	101			1016.4	7.7		6.5		7	29		1		
93780 CHRISTCHURCH	4329S	17233E	30			1016.3	4.8		6.5		8	42		2	140	115
93844 INVERCARGILL AERODROME	4625S	16819E	4			1015.4	5.3	.0	7.3		17	107	31	5	82	95
93947 CAMPBELL ISLAND AWS	5233S	16909E	19			1007.1	4.7		7.1		19	107		3		
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1015.5	7.2		8.5		11	56		1		
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1019.1	16.4		14.3		17	153		5		
<b>AUSTRALIA</b>																
94120 DARWIN AIRPORT	1225S	13053E	31		1009.4	1013.4	25.2		18.2		0	0	-1	1	321	103
94150 GOVE AIRPORT	1217S	13649E	54		1007.4	1013.5	24.3		21.6		2	9		2	269	120
94203 BROOME AIRPORT	1757S	12214E	7		1014.4	1015.4	21.8		11.5		0	0	-2	1	332	
94212 HALLS CREEK AMO	1814S	12740E	424		968.3	1017.1	20.2		6.8		0	0	-4	1		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		975.0	1018.7	18.6		5.8		0	0	-6	1	331	105
94287 CAIRNS AERO	1653S	14545E	3		1016.2	1017.1	21.6		18.6		10	35	10	5	222	100
94294 TOWNSVILLE AERO	1915S	14645E	9		1017.6	1018.7	20.7		14.8		0	0	-10	1	287	112
94299 WILLIS ISLAND	1618S	14959E	6		1014.7	1015.7	24.2		21.7		3	8	-23	1		
94312 PORT HEDLAND AIRPORT	2022S	11838E	9		1016.2	1017.2	20.2		8.9		0	0	-8	1		
94326 ALICE SPRINGS AERO	2348S	13353E	546		958.0	1022.3	11.5		6.5		0	0	-16	1	320	112
94332 MT ISA AERO	2041S	13929E	340		979.2	1019.1	17.8		7.1		0	0	-9	1	326	109
94346 LONGREACH AIRPORT	2326S	14417E	192		998.2	1021.1	16.6		7.4		0	0	-23	1		
94367 MACKAY MO	2107S	14913E	30		1016.3	1020.1	18.1		16.4		8	24	-24	2	241	105
94374 ROCKHAMPTON AERO	2323S	15029E	14		1019.8	1021.4	16.9		12.3		2	10	-22	2		
94403 GERALDTON AIRPORT	2848S	11442E	33		1017.4	1021.7	13.3		11.8		12	92	4	3		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		960.5	1021.3	13.8		7.9			2	-22	1		
94461 GILES	2502S	12817E	598		951.6	1021.3	15.4		5.2		0	0	-7	1	323	115
94610 PERTH AIRPORT	3156S	11559E	31		1018.4	1020.8	12.4		11.5		16	154	-4	3	168	
94647 EUCLA	3141S	12853E	102		1008.4	1020.7	12.5		8.8		6	22		3		
94653 CEDUNA AIRPORT	3208S	13342E	16		1019.4	1021.3	12.1		8.8		6	34	-6	3	249	124
94693 MILDURA AIRPORT	3414S	14205E	52		1015.5	1022.0	9.5		8.6		4	13	-13	2	223	130
94711 COBAR	3129S	14550E	264		991.7	1023.5	10.8		8.3		5	30	1	3	244	116
94767 SYDNEY AIRPORT	3356S	15110E	5		1021.7	1022.3	12.8		9.8		5	47	-7	3	209	101
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1021.8	1022.9	11.2		9.9		7	97	34	5	183	87
94791 COFFS HARBOUR MO	3019S	15307E	5		1021.8	1022.6	12.9		10.8		5	15	-47	2	232	105
94802 ALBANY AIRPORT	3456S	11748E	69		1009.4	1017.8	11.5		11.0		19	137	15	4	169	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1011.1	1019.5	9.1		9.4		15	94	-9	3	143	108
94866 MELBOURNE AIRPORT	3740S	14451E	132		1006.0	1020.5	9.3		9.0		9	60	22	5	171	

# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
94907 EAST SALE AIRPORT	3806S	14708E	8		1019.2	1020.2	8.3		8.1		6	33	-10	3	205	130
94910 WAGGA AIRPORT	3510S	14727E	213		997.0	1023.2	8.3		8.7		7	58	3	3	181	150
94926 GANBERRA AMO	3518S	14912E	580		953.9	1023.4	6.4		7.5		7	38	-3	3	194	112
94968 LAUNCESTON AIRPORT	4132S	14712E	178		996.2	1018.0	6.7		8.5		9	85	10	4	159	112
94975 HOBART AIRPORT	4250S	14729E	27		1012.6	1015.9	8.5		7.9		6	26	-23	2	153	103
<b>AUSTRALIA (ADDITIONAL IS. )</b>																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1020.0	1020.8	16.1		12.2		16	118	-37	2		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1007.2	1020.4	15.8		12.7		14	74	-49	2	214	118
94998 MACQUARIE ISLAND	5429S	15856E	6		1002.4	1003.4	3.1		6.8		22	74	5	4	21	88
<b>INDONESIA (SUMATRA)</b>																
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1012.1	1012.8	26.1				18	105		1	130	80
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31		1009.3	1013.2	34.9		24.3		8	144		4	159	
<b>BRUNEI DARUSSALAM</b>																
96315 BRUNEI AIRPORT	0456N	11456E	15		1007.8	1009.7	27.5		30.2	.6	5	304	85	1	210	95
<b>MALAYSIA (SABAH &amp; SARAWAK)</b>																
96413 KUCHING	0129N	11020E	27		1008.0	1010.6	26.4		28.3		17	258		5		
96421 SIBU	0220N	11150E	8		1006.9	1010.5	26.6		28.6		10	202		4	180	90
96441 BINTULU	0312N	11302E	5		1007.3	1010.0	27.0	.3	29.1		10	222	-32	3	195	95
96449 MIRI	0420N	11359E	18		1007.9	1009.8	27.5	.6	30.5		9	122	-84	1		
96465 LABUAN	0518N	11515E	30		1006.4	1009.7	27.8		29.6	- .5	17	339		4	219	100
96471 KOTA KINABALU	0556N	11603E	3		1009.6	1009.9	27.2		29.0		14	395		5		
96481 TAWAU	0416N	11753E	20		1007.6	1009.5	26.2		28.7		12	197	-10	3	217	100
96491 SANDAKAN	0554N	11804E	13		1008.4	1009.6	27.6	.5	31.6		13	159		3	195	85
<b>INDONESIA (KALIMANTAN)</b>																
96509 TARAKAN/JUWATA	0320N	11734E	6		1008.7	1009.4	26.7		30.6		14	130			169	
96633 BALIKPAPAN/SEPINGGAN	0116S	11654E	3		1009.7	1010.4	27.1		31.0		14	229		4	112	80
96685 BANJARMASIN/SYAMSUDDIN NOOR	0326S	11445E	20		1008.1	1010.8	26.1		26.1		4	47			168	110
<b>INDONESIA (JAWA)</b>																
96805 CILACAP	0744S	10901E	6		1011.7	1012.7	25.0		26.2		1	2			258	115
<b>AUSTRALIA (OCEAN ISLANDS)</b>																
96996 COCOS ISLAND AERO	1211S	09649E	3		1012.6	1013.1	26.8		27.1		10	69	-128	1		
<b>INDONESIA (SULAWESI)</b>																
97048 GORONTALO/JALALUDDIN	0031N	12304E	2		1008.0	1010.4	26.4		27.0		6	32			174	85
97180 UJUNG PANDANG/HASANUDDIN	0504S	11933E	14		1008.4	1010.2	26.1		24.3			19			264	105
<b>INDONESIA (NUSATENGGARA)</b>																
97230 DENPASAR/NGURAH-RAI	0845S	11510E	1			1012.4	26.0		26.5		1	4		2	274	
<b>PHILIPPINES</b>																
98223 LAOAG	1811N	12032E	5		1007.8	1008.4	29.3		33.6		9	138		1	274	
98232 APARRI	1822N	12138E	3		1008.8	1009.1	29.3	.6	33.7	1.6	5	37	-226	1		



# SURFACE

JULY 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
98233 TUGUEGARAO	1737N	12144E	62		1001.6	1008.7	28.6		28.1		7	164		2	252	
98325 DAGUPAN	1603N	12020E	2		1006.8	1007.1	28.4	.3	33.6	2.5	16	350	-157	3		
98328 BAGUIO	1625N	12036E	1501		851.1	1007.8	19.7		20.6		24	721		4	373	
98330 CABANATUAN	1529N	12058E	32		1005.7	1008.9	29.3		33.6		14	378				
<b>98429 NINYO AQUINO INTER- NATIONAL</b>	1431N	12100E	15		1006.8	1009.2	28.6	.9								
<b>98444 LEGASPI</b>	1308N	12344E	17		1007.1	1009.0	28.1	.3	31.7	1.0	15	191	-75	2		
98550 TACLOBAN	1115N	12500E	3		1007.5	1007.8	27.4	-.4	31.7	1.8	16	287	120	5	154	
<b>98637 ILOILO</b>	1042N	12234E	8		1007.9	1008.6	27.9	.3	29.8	-1.3	19	383	70	5	138	
98644 TAGBILARAN	0936N	12351E	8		1008.4	1009.3	27.5		31.7		18	231		6		
98646 MACTAN	1018N	12358E	24		1007.0	1008.4	27.4	-.9	32.6	2.2	22	382	225			
<b>98653 SURIGAO</b>	0948N	12530E	55		1004.8	1009.3	28.0	.2	33.6	3.2	20	429	292			
<b>98836 ZAMBOANGA</b>	0654N	12204E	6		1009.2	1010.0	27.6	.2	29.8	.2	15	359	223	6	150	

# SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
OVERDUE MAY 2003	°	°	m		mb	mb	° C	° C	mb	mb		mm	mm		hr	
<b>ASIA</b>																
<b>INDIA</b>																
42587 DALTONGANJ	2403N	08404E	221		976.3	1001.1	34.1	1.0	21.3		0	0	-34	1		
<b>THAILAND</b>																
48480 CHANTHABURI	1236N	10207E	4		1006.8	1007.2	28.7	1.0	32.3	1.1	18	129	-226	1	140	77
JUNE 2003																
<b>ASIA</b>																
<b>INDIA</b>																
42515 CHERRAPUNJI	2515N	09144E	1313		862.3	1436 Y	20.2	- .1	22.5		26	3222	928	5		
42971 BHUBANESWAR	2015N	08550E	46		994.4	999.5	32.0	1.3	34.7		13	311	102	5	119	85
43149 VISHAKHAPATNAM	1743N	08314E	3		1000.5	1000.7	32.2	.6	31.7		4	20	-83	0		

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - NORWAY</b> JAN MAYEN 01001 JUL 2003 7056N 00840W OB 3									<b>EUROPE - NORWAY</b> BJORNOYA 01028 JUL 2003 7431N 01901E OB 3									<b>EUROPE - NORWAY</b> BODO 01152 JUL 2003 6715N 01424E OB 3								
030	24494	1	-43.2	35.3	1	90	120	6	030									030	24491	0	-44.9	33.4	0	96	110	6
050	21069	0	-44.8	34.8	0	82	145	5	050	21113	0	-44.6	34.3		62			050	21096	0	-47.2	32.6	0	77	140	3
100	16442	0	-45.1	34.6	0	86	198	6	100	16487	0	-45.4	33.9	0	88	243	6	100	16526	0	-48.4	32.2	0	89	212	6
150	13730	0	-44.0	34.3	0	83	213	8	150	13782	0	-45.0	34.0	0	90	244	10	150	13858	0	-48.1	31.2	0	89	224	9
200	11800	0	-43.4	32.6	0	76	217	10	200	11857	0	-44.6	31.8	0	87	242	14	200	11964	0	-49.6	21.8	0	87	224	13
300	9097	0	-45.5	12.7	0	62	224	12	300	9174	0	-45.0	12.6	0	78	238	20	300	9310	0	-43.5	10.2	0	78	225	15
500	5529	0	-21.8	10.9	0	45	219	6	500	5579	0	-19.7	11.4	0	74	235	12	500	5674	0	-16.3	12.2	0	85	227	10
700	2969	0	-5.7	8.8	0	31	222	3	700	3001	0	-3.9	11.0	0	65	235	7	700	3062	0	-.7	9.7	0	80	227	6
850	1423	0	2.3	5.7	0	18	200	2	850	1448	0	3.0	8.6	0	44	240	4	850	1486	0	8.2	8.5	0	78	220	5
1012	* 9		6.0	2.0					1013	* 18		5.1	1.6					1011	* 33		14.8	4.5				
<b>EUROPE - NORWAY</b> ORLAND 01241 JUL 2003 6342N 00936E OB 3									<b>EUROPE - NORWAY</b> STAVANGER/SOLA 01415 JUL 2003 5852N 00540E OB 3									<b>EUROPE - SWEDEN</b> SUNDSVALL-HARNOSAND FPL 02365 JUL 2003 6232N 01727E OB 3								
030	24449	0	-45.8	31.9	0	95	104	7	030	24395	0	-46.9	30.7	0	92	100	6	030	24448	15	-46.6	34.1	9	95	99	7
050	21070	0	-48.3	30.8	0	86	132	4	050	21034	0	-49.7	29.3	0	87	122	4	050	21071	4	-49.5	33.5	4	85	117	4
100	16522	0	-49.2	30.1	0	86	198	5	100	16513	0	-50.5	28.2	0	76	198	5	100	16532	2	-50.6	32.8	2	80	189	4
150	13861	0	-48.6	28.6	0	81	205	7	150	13862	0	-49.2	26.9	0	62	217	6	150	13892	2	-49.7	32.2	2	73	204	6
200	11972	0	-50.2	19.9	0	79	209	10	200	11977	0	-49.9	19.9	0	51	228	7	200	12016	1	-51.9	20.8	1	67	203	7
300	9329	0	-43.3	9.0	0	69	215	11	300	9323	0	-43.3	9.4	0	38	228	7	300	9371	0	-42.6	9.8	0	53	197	7
500	5683	0	-15.8	10.9	0	74	204	8	500	5677	0	-15.7	11.8	0	43	217	5	500	5712	0	-14.7	14.9	0	65	194	6
700	3067	0	-.4	7.5	0	71	198	5	700	3061	0	-.5	7.2	0	44	203	4	700	3082	0	.9	10.0	0	60	180	4
850	1486	0	9.0	6.4	0	50	196	3	850	1483	0	8.3	5.7	0	48	176	4	850	1495	0	10.1	5.5	0	41	170	2
1013	* 10		16.7	5.1					1010	* 14		17.4	4.3					1013	* 6		18.9	5.8				
<b>EUROPE - SWEDEN</b> GOTEBORG/LANDVETTER 02527 JUL 2003 5740N 01218E OB 3									<b>EUROPE - FINLAND</b> JYVASKYLA 02935 JUL 2003 6224N 02541E OB 3									<b>EUROPE - FINLAND</b> JOKIOINEN 02963 JUL 2003 6049N 02330E OB 3								
030	24407	23	-47.0	33.4	9	90	91	6	030	24452	5	-46.5	32.4	5	97	98	7	030	24428	3	-46.8	33.6	4	96	101	7
050	21057	15	-50.3	32.4	9	77	119	4	050	21078	0	-48.8	31.9	0	88	104	5	050	21062	0	-49.7	32.7	0	87	103	4
100	16540	12	-51.6	31.0	9	64	192	4	100	16555	0	-51.2	31.3	0	49	190	2	100	16551	0	-51.2	31.6	0	53	168	3
150	13907	12	-50.7	29.4	9	46	223	4	150	13914	0	-50.4	30.8	0	61	202	4	150	13911	0	-50.1	29.2	0	53	181	3
200	12028	12	-51.4	20.0	9	40	233	6	200	12046	0	-52.9	18.2	0	59	193	6	200	12037	0	-52.4	16.3	0	56	190	6
300	9372	11	-42.3	9.7	9	27	241	5	300	9405	0	-42.3	8.4	0	53	190	6	300	9395	0	-42.4	9.2	0	50	187	6
500	5716	9	-14.8	13.9	9	25	218	3	500	5737	0	-14.0	11.9	0	59	188	4	500	5729	0	-14.0	12.6	0	53	174	4
700	3089	10	.3	9.4	9	35	206	3	700	3102	0	1.7	5.8	0	41	172	2	700	3094	0	1.8	6.3	0	41	153	3
850	1507	9	9.1	4.6	9	28	220	2	850	1507	0	11.4	3.5	0	33	170	2	850	1500	0	11.0	4.5	0	34	128	2
1000	* 155		19.3	8.8					998	* 145		20.3	5.4					1002	* 103		19.3	5.2				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - UNITED KINGDOM LERWICK 03005 JUL 2003 6008N 00111W OB 3									EUROPE - IRELAND VALENTIA OBSERVATORY 03953 JUL 2003 5156N 01015W OB 3									EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 JUL 2003 6358N 02236W OB 3								
030	24411	0	-46.3		0	96	99	7	030	24331	0	-48.2	33.4	0	94	98	7	030	24425	0	-44.1	32.1	0	96	109	6
050	21041	0	-48.7		0	80	133	4	050	20991	0	-51.0	32.4	0	73	125	3	050	21021	0	-46.1	31.1	0	87	133	4
100	16496	0	-49.3		0	78	194	6	100	16501	0	-52.2	31.9	0	67	239	6	100	16422	0	-46.7	30.2	0	89	202	5
150	13834	0	-48.4		0	64	214	7	150	13874	0	-51.0	30.4	0	71	253	11	150	13727	0	-45.3	30.4	0	86	218	6
200	11938	0	-48.4		0	62	219	9	200	12000	0	-51.0	22.6	0	63	257	14	200	11804	0	-45.3	25.8	0	77	223	8
300	9274	0	-43.8		0	55	215	11	300	9336	0	-42.1	10.3	0	59	253	13	300	9123	0	-45.7	9.8	0	49	211	8
500	5641	0	-16.6	12.1	0	57	209	8	500	5677	0	-14.7	14.2	0	68	248	11	500	5537	0	-20.0	8.3	0	39	186	4
700	3032	0	- .6	9.3	0	58	198	6	700	3049	0	.9	12.5	0	74	243	9	700	2957	0	-3.7	7.7	0	38	146	3
850	1457	0	7.4	4.2	0	54	190	5	850	1467	0	7.2	5.1	0	69	244	7	850	1402	0	3.5	3.5	0	60	131	4
1002	* 84		14.3	1.7					1010	* 30		15.0	2.0					1003	* 54		11.7	3.8				
EUROPE - DENMARK & FAROE IS. THORSHAVN 06011 JUL 2003 6201N 00646W OB 3									EUROPE - BELGIUM UCCLE 06447 JUL 2003 5048N 00421E OB 3									EUROPE - SWITZERLAND PAYERNE 06610 JUL 2003 4649N 00657E OB 3								
030	24428	0	-45.2	34.0	0	91	103	6	030	24204	3	-49.3	33.7	3	96	98	8	030	24302	0	-49.9		1	97	100	9
050	21043	0	-47.7	33.1	0	84	134	4	050	20912	3	-52.8	32.6	3	76	99	3	050	20990	0	-53.8		1	90	97	5
100	16474	0	-48.0	33.0	0	76	197	6	100	16484	2	-53.9	31.8	2	68	244	5	100	16582	0	-56.6		0	79	253	7
150	13800	0	-47.0	32.9	0	69	209	8	150	13880	2	-52.6	29.1	2	80	258	11	150	14002	0	-55.0		0	84	263	15
200	11893	0	-47.2	28.1	0	60	215	10	200	12027	1	-53.0	18.1					200	12159	0	-53.6	14.3	0	79	267	19
300	9226	0	-44.5	9.7	0	54	216	12	300	9373	1	-42.1	9.6	1	68	257	11	300	9491	0	-39.9	15.7	0	77	264	16
500	5603	0	-17.4	13.4	0	58	206	8	500	5710	0	-14.9	13.8	0	75	253	9	500	5792	0	-12.1	22.2	0	80	265	11
700	3003	0	-1.9	6.4	0	64	193	7	700	3086	0	.3	9.5	0	75	253	7	700	3140	0	3.5	13.0	0	82	247	7
850	1434	0	6.0	3.7	0	59	181	5	850	1503	0	8.7	4.8	0	76	256	6	850	1534	0	13.9	7.1	0	49	241	3
1004	* 55		12.0	1.1					1004	* 104		16.7	3.9					960	* 491		20.6	7.9				
EUROPE - FRANCE NANCY/ESSEY 07180 JUL 2003 4841N 00613E OB 3									EUROPE - FRANCE NIMES/COURBESSAC 07645 JUL 2003 4352N 00424E OB 3									EUROPE - FRANCE AJACCIO 07761 JUL 2003 4155N 00848E OB 3								
030									030	24275	5	-50.6		6	94	93	8	030	24248	3	-51.2		6	94	96	8
050	21013	2	-53.2		2	90	92	5	050	20978	2	-54.9		3	82	75	5	050	20965	0	-55.5		4	79	92	6
100	16576	0	-54.8		0	76	255	7	100	16608	0	-59.2		2	88	265	12	100	16623	0	-61.6		2	76	256	8
150	13978	0	-53.5		0	83	262	13	150	14058	0	-57.0		1	90	263	18	150	14092	0	-57.9		2	88	269	20
200	12128	0	-53.3		0	78	265	16	200	12227	0	-53.9		1	82	267	21	200	12265	0	-54.2		1	87	269	21
300	9461	0	-40.3		0	74	259	15	300	9550	0	-38.8		1	80	268	18	300	9586	0	-38.0		1	79	276	15
500	5772	0	-13.0	13.6	0	81	259	11	500	5833	0	-10.6	20.4	1	83	268	12	500	5858	0	-10.3	19.0	2	90	276	13
700	3126	0	2.9	10.4	0	85	255	9	700	3159	0	6.3	14.4	1	76	280	8	700	3175	0	7.5	20.1	3	92	282	12
850	1527	0	12.4	6.3	0	67	248	4	850	1537	0	16.3	10.1	1	53	308	4	850	1546	0	18.2	16.3	3	75	283	5
992	* 217		18.6	5.3					1008	* 62		23.0	8.7					1015	* 9		28.8	8.0				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
<b>EUROPE - SPAIN</b> <b>LA CORUNA</b> 08001 JUL 2003 4322N 00825W OB 3									<b>EUROPE - SPAIN</b> <b>SANTANDER</b> 08023 JUL 2003 4328N 00348W OB 3									<b>EUROPE - SPAIN</b> <b>MADRID/BARAJAS</b> 08221 JUL 2003 4030N 00335W OB 3										
030	24241	29	-50.2	33.0	9	98	98	6	030	24250	7	-50.8			9	94	112	5	030	24233	3	-51.7	33.2	4	97	99	6	
050	20944	16	-55.0	31.1	9	78	105	2	050	20956	1	-54.9			2	80	108	3	050	20952	1	-56.1	31.8	2	88	106	4	
100	16557	10	-58.4	28.8	9	81	251	4	100	16581	1	-67.2			1	87	247	5	100	16619	0	-61.8	28.9	0	88	247	5	
150	13999	9	-56.6	25.2	9	86	256	8	150	14027	1	-56.8			1	91	252	11	150	14099	0	-58.7	25.5	0	93	251	10	
200	12164	8	-54.0	17.9	8	81	257	9	200	12168	1	-53.9			1	88	255	10	200	12274	0	-53.7	19.9	0	90	252	12	
300	9496	8	-39.7	13.4	8	75	263	7	300	9529	0	-39.4			0	84	251	9	300	9590	0	-37.9	17.7	0	87	251	10	
500	5793	5	-11.4	20.9	6	86	255	6	500	5813	0	-11.4			0	87	254	6	500	5862	0	-9.9	21.8	0	92	248	7	
700	3135	2	4.3	19.5	6	79	263	4	700	3145	0	4.7	16.1	0	84	242	4	700	3181	0	7.6	18.1	0	84	232	5		
850	1533	2	11.4	10.0	5	49	286	2	850	1537	0	11.7	8.4	0	36	230	1	850	1549	0	19.6	17.2	1	63	231	2		
1011	* 67		19.0	4.2					1013	* 59		20.3	2.9						944	* 633		27.7	21.1					
<b>EUROPE - SPAIN</b> <b>MURCIA</b> 08430 JUL 2003 3800N 00110W OB 3									<b>EUROPE - GIBRALTAR</b> <b>GIBRALTAR</b> 08495 JUL 2003 3609N 00520W OB 3									<b>EUROPE - PORTUGAL</b> <b>LAJES/SANTA RITA (ACORES)</b> 08508 JUL 2003 3844N 02704W OB 3										
030									030	24179					0	97	92	12	030	24201	30	-52.1						
050	20951				9	92	101	4	050	20952					0	93	99	8	050	20920	12	-59.1						
100	16663	4	-64.9	27.8	5	88	247	5	100	16658					0	88	239	9	100	16607	1	-62.9						
150	14172	3	-60.4	25.6	4	94	255	10	150	14182					0	95	248	22	150	14105	1	-61.6						
200	12353	1	-53.2	23.1	1	94	256	12	200	12367					0	95	249	23	200	12307	0	-56.6						
300	9654	1	-36.9	19.1	1	91	255	10	300	9664					0	91	247	18	300	9626	0	-36.7	15.5					
500	5915	1	-9.3	20.6	1	96	251	9	500	5915	0	-8.8	19.1	0	96	243	16	500	5880	0	-9.6	14.7						
700	3217	1	10.3	18.4	1	88	244	5	700	3209	0	11.7	24.9	0	96	238	12	700	3200	0	6.1	14.7						
850	1567	1	21.5	18.9	1	54	216	2	850	1558	0	21.2	22.9	0	47	223	3	850	1586	0	12.4	4.3						
1009	* 62		29.1	11.4					1016	* 4		24.3	8.2						1010	* 113		22.8	6.8					
<b>EUROPE - PORTUGAL</b> <b>LISBOA/GAGO COUTINHO</b> 08579 JUL 2003 3846N 00908W OB 3									<b>EUROPE - GERMANY</b> <b>SCHLESWIG</b> 10035 JUL 2003 5432N 00933E OB 3									<b>EUROPE - GERMANY</b> <b>GREIFSWALD</b> 10184 JUL 2003 5406N 01324E OB 3										
030	24213	3	-51.9	32.9	9	99	99	6	030	24375	0	-47.9			2	97	96	8	030	24374	0	-48.2			0	97	100	8
050	20944	2	-56.8	31.8	9	91	108	3	050	21033	0	-51.1			2	88	104	4	050	21033	0	-51.2			0	85	107	4
100	16623	0	-62.6	29.5	6	88	250	5	100	16547	0	-52.2	30.7	2	59	222	3	100	16551	0	-52.1	31.2	0	51	233	3		
150	14110	0	-59.2	25.7	6	94	248	11	150	13911	0	-50.5	29.9	2	60	249	6	150	13916	0	-50.5	29.8	0	52	258	5		
200	12289	0	-53.6	21.5	6	91	251	12	200	12034	0	-51.3	20.8	2	55	266	10	200	12040	0	-50.8	21.2	0	45	270	7		
300	9602	0	-37.5	18.9	6	88	252	10	300	9375	0	-42.4	10.6	2	48	258	9	300	9378	0	-42.1	9.8	0	38	281	8		
500	5866	0	-9.2	25.0	6	91	250	6	500	5712	0	-14.6	13.7	2	47	256	6	500	5713	0	-14.6	13.9	0	42	262	5		
700	3178	0	8.1	26.3	6	88	261	4	700	3083	0	.7	10.9	2	47	247	5	700	3084	0	.7	10.0	0	48	259	4		
850	1554	0	15.7	18.4	6	82	307	2	850	1500	0	9.1	7.0	2	43	237	4	850	1498	0	9.6	5.8	0	49	266	4		
1007	* 105		25.0	10.0					1010	* 48		18.7	4.6						1015	* 6		19.0	4.0					

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - GERMANY</b> <b>EMDEN-FLUGPLATZ</b> 10200 JUL 2003 5323N 00714E OB							<b>EUROPE - GERMANY</b> <b>BERGEN</b> 10238 JUL 2003 5249N 00956E OB							<b>EUROPE - GERMANY</b> <b>LINDENBERG</b> 10393 JUL 2003 5213N 01407E OB 3												
030	24369	0	-48.1		1	98	96	8	030	24336	0	-48.8		3	95	103	8	030	24358	0	-48.7		0	98	101	9
050	21030	0	-51.5		1	87	105	4	050	21005	0	-51.9		3	85	111	4	050	21024	0	-51.8		0	88	99	4
100	16548	0	-52.4	32.1	1	65	234	4	100	16537	0	-52.8	11.5	3	66	231	4	100	16558	0	-52.8	31.6	0	57	251	3
150	13919	0	-51.0	30.5	1	67	257	7	150	13914	0	-51.1	10.8	3	79	244	8	150	13933	0	-51.0	31.9	0	62	271	7
200	12046	0	-51.6	21.1	1	63	267	11	200	12045	0	-51.6	9.3	3	69	250	11	200	12060	0	-51.6	23.1	0	58	281	10
300	9386	0	-42.1	10.5	1	56	263	11	300	9389	0	-42.0	8.4	2	56	249	11	300	9401	0	-42.1	9.7	0	44	284	9
500	5719	0	-14.3	15.6	1	65	260	7	500	5724	0	-14.4	9.6	2	64	249	7	500	5732	0	-14.2	12.8	0	53	273	6
700	3085	0	1.3	11.6	1	61	248	6	700	3095	0	1.0	7.7	1	67	250	6	700	3100	0	.8	6.3	0	57	274	5
850	1499	0	9.4	6.5	1	57	242	5	850	1510	0	9.2	4.1	0	63	243	5	850	1512	0	9.8	3.9	0	56	274	4
1015	* 5		18.7	4.7					1008	* 69		18.8	6.2					1003	* 104		19.8	6.4				
<b>EUROPE - GERMANY</b> <b>ESSEN</b> 10410 JUL 2003 5124N 00658E OB 3							<b>EUROPE - GERMANY</b> <b>MEININGEN</b> 10548 JUL 2003 5034N 01023E OB 3							<b>EUROPE - GERMANY</b> <b>STUTTGART/SCHNARRENBERG</b> 10739 JUL 2003 4850N 00912E OB 3												
030	24338	0	-48.7	27.9	1	97	98	9	030	24337	1	-49.0		1	91	99	8	030	24346	0	-49.1	32.4	0	95	100	9
050	21007	0	-52.3	26.5	1	83	96	4	050	21009	0	-52.4		1	82	103	4	050	21021	0	-52.9	31.0	0	84	98	4
100	16547	0	-53.5	25.4	1	63	245	5	100	16561	0	-53.9	30.4	0	70	255	5	100	16580	0	-54.7	30.3	0	68	258	5
150	13932	0	-52.3	23.6	1	73	261	10	150	13948	0	-52.6	28.1	0	68	264	10	150	13976	0	-53.2	27.9	0	75	273	11
200	12069	0	-52.8	16.2	0	70	271	13	200	12086	0	-52.6	18.8	0	64	270	13	200	12119	0	-53.2	18.2	0	71	276	15
300	9412	0	-41.7	9.5	0	62	264	12	300	9426	0	-41.5	10.3	0	58	269	12	300	9455	0	-40.9	11.0	0	67	269	13
500	5737	0	-13.9	12.2	0	70	264	9	500	5748	0	-13.7	12.4	0	66	264	9	500	5770	0	-13.1	13.4	0	69	266	9
700	3100	0	1.6	8.3	0	71	250	7	700	3110	0	1.7	10.7	0	74	261	7	700	3125	0	2.3	11.1	0	80	267	7
850	1510	0	9.7	5.1	0	69	246	6	850	1519	0	10.8	5.9	0	63	261	4	850	1529	0	11.5	6.4	0	63	271	4
999	* 153		19.5	7.2					965	* 453		18.8	7.2					980	* 315		20.7	10.9				
<b>EUROPE - GERMANY</b> <b>MUENCHEN-OBERSCHLEISSHEIM</b> 10868 JUL 2003 4815N 01133E OB 3							<b>EUROPE - AUSTRIA</b> <b>WIEN/HOHE WARTE</b> 11035 JUL 2003 4814N 01621E OB 3							<b>EUROPE - CZECH REPUBLIC</b> <b>PRAHA-LIBUS</b> 11520 JUL 2003 5000N 01427E OB 3												
030	24328	0	-49.4		0	98	102	9	030	24304	10	-49.3		9	61	99	6	030	24336	0	-49.0	33.7	0	96	97	8
050	21008	0	-53.2		0	90	98	5	050	20985	7	-53.3		7	87	99	4	050	21011	0	-52.5	32.7	0	78	94	4
100	16578	0	-55.3	31.0	0	76	265	6	100	16556	6	-54.6		6	76	274	5	100	16565	0	-54.1	32.2	0	68	266	4
150	13981	0	-53.8	29.1	0	78	278	13	150	13952	6	-52.9		6	84	282	11	150	13953	0	-52.1	31.2	0	74	277	9
200	12127	0	-53.3	18.6	0	74	286	17	200	12092	6	-52.3		6	75	293	14	200	12088	0	-52.3	20.9	0	66	290	12
300	9463	0	-40.7	11.5	0	66	281	13	300	9432	5	-41.1		5	60	300	11	300	9430	0	-41.2	10.6	0	56	288	12
500	5773	0	-12.8	16.6	0	72	285	9	500	5750	0	-13.1	15.3	0	71	300	8	500	5752	0	-13.5	13.7	0	66	291	8
700	3129	0	2.4	10.0	0	80	281	7	700	3108	0	2.0	8.5	0	68	304	6	700	3114	0	1.7	8.9	0	64	292	5
850	1530	0	12.8	8.4	0	60	277	3	850	1513	0	12.0	5.9	0	63	305	6	850	1521	0	11.2	4.5	0	56	299	4
961	* 489		19.8	7.7					991	* 200		21.7	7.3					981	* 303		20.4	8.5				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - SLOVAKIA</b> POPRAĐ-GANOVCE 11952 JUL 2003 4902N 02019E OB 3									<b>EUROPE - POLAND</b> LEBA 12120 JUL 2003 5445N 01732E OB 3									<b>EUROPE - POLAND</b> LEGIONOWO 12374 JUL 2003 5224N 02058E OB 3								
030	24323	0	-49.3	33.1	0	96	94	8	030	24376	0	-47.6	33.8	0	96	96	8	030	24360	0	-48.4	33.8	0	97	96	8
050	21005	0	-52.9	32.2	0	89	97	5	050	21032	0	-50.9	32.2	0	82	97	4	050	21026	0	-51.6	32.9	0	88	99	5
100	16566	0	-54.0	31.8	0	74	276	4	100	16547	0	-52.1	31.9	0	36	203	2	100	16557	0	-52.5	32.5	0	41	259	2
150	13950	0	-51.7	31.4	0	82	279	9	150	13911	0	-50.2	30.3	0	49	253	4	150	13928	0	-50.7	32.0	0	57	274	4
200	12082	0	-51.9	21.2	0	70	287	11	200	12034	0	-51.1	21.1	0	44	252	5	200	12055	0	-51.7	21.8	0	53	282	6
300	9419	0	-41.2	10.4	0	54	298	8	300	9374	0	-42.1	9.4	0	36	242	5	300	9398	0	-41.9	9.4	0	31	259	4
500	5741	0	-13.6	13.3	0	58	304	5	500	5712	0	-14.7	10.7	0	34	237	3	500	5729	0	-14.1	13.4	0	28	274	2
700	3104	0	1.5	4.6	0	40	328	3	700	3084	0	1.1	6.3	0	31	249	2	700	3095	0	1.3	6.9	0	30	288	2
850	1509	0	12.3	4.8	0	29	329	2	850	1495	0	10.4	5.1	0	35	253	2	850	1503	0	11.4	4.5	0	27	289	2
935	* 706		17.7	7.1					1014	* 2		18.2	2.9					1002	* 96		20.9	6.6				
<b>EUROPE - POLAND</b> WROCLAW I 12425 JUL 2003 5108N 01659E OB 3									<b>EUROPE - HUNGARY</b> BUDAPEST/LORINC 12843 JUL 2003 4726N 01911E OB 3									<b>EUROPE - HUNGARY</b> SZEGED 12982 JUL 2003 4615N 02006E OB								
030	24321	0	-49.0	33.7	0	94	94	8	030	24321	3	-49.6		4	97	98	8	030	24304	3	-49.9		3	97	91	9
050	20994	0	-52.2	32.7	0	85	97	5	050	21008	2	-53.4		3	91	96	5	050	21002	1	-54.2		1	83	97	5
100	16539	0	-53.5	32.4	0	50	257	3	100	16582	2	-55.2		5	84	271	6	100	16594	0	-56.2		0	86	272	7
150	13919	0	-51.3	31.9	0	70	280	7	150	13977	2	-52.3		4	88	284	12	150	13998	0	-52.8		1	90	280	13
200	12052	0	-52.0	21.0	0	57	280	9	200	12112	1	-51.8		2	77	291	13	200	12135	0	-51.3		1	83	289	14
300	9395	0	-41.7	10.5	0	50	290	10	300	9442	0	-40.8	10.6	0	61	297	11	300	9459	0	-40.2	10.7	1	72	297	13
500	5727	0	-14.5	12.3	0	52	279	6	500	5758	0	-13.2	14.5	0	69	301	8	500	5768	0	-12.8	14.4	0	78	300	9
700	3098	0	.9	6.9	0	48	286	3	700	3115	0	2.3	6.7	0	60	311	5	700	3119	0	2.9	6.8	0	73	308	6
850	1510	0	10.3	4.6	0	52	308	4	850	1515	0	12.6	5.7	0	45	316	3	850	1515	0	13.5	5.9	0	61	321	4
1001	* 116		19.3	6.0					998	* 139		22.9	9.7					1004	* 83		18.5	4.4				
<b>EUROPE - ROMANIA</b> BUCURESTI/IMH 15420 JUL 2003 4430N 02608E OB 1									<b>EUROPE - BULGARIA</b> SOFIA (OBSERV.) 15614 JUL 2003 4239N 02323E OB 0									<b>EUROPE - ITALY</b> MILANO/LINATE 16080 JUL 2003 4526N 00917E OB 3								
030									030	24271	6	-50.8	29.4	7	90	97	8	030	24279	0	-50.1	29.5	0	95	104	9
050	20992	6	-55.6	29.4	6	89	100	5	050	20981	1	-55.5	27.7	1	93	112	5	050	20975	0	-54.2	27.8	0	89	97	6
100	16610	4	-57.7	27.4	4	84	261	9	100	16622	1	-59.3	25.4	1	88	259	11	100	16583	0	-58.1	25.5	0	83	264	8
150	14018	2	-52.5	28.6	2	90	273	17	150	14055	1	-54.1	26.5	1	92	273	19	150	14018	0	-55.9	23.4	0	87	271	17
200	12147	1	-50.1	22.3	1	83	284	16	200	12186	1	-49.2	25.7	1	89	279	22	200	12179	0	-54.0	15.0	0	81	274	20
300	9463	1	-40.2	12.2	1	64	295	12	300	9493	1	-39.3	13.7	2	80	291	16	300	9510	0	-39.6	11.6	0	82	276	17
500	5773	1	-12.9	13.1	1	80	300	10	500	5788	0	-11.2	18.5	0	81	301	11	500	5803	0	-11.2	18.4	0	85	275	12
700	3129	1	2.0	5.4	1	73	310	6	700	3129	0	3.8	7.3	0	74	296	6	700	3141	0	5.3	8.3	0	62	264	4
850	1528	1	13.4	6.2	1	57	315	3	850	1516	0	16.0	8.2	0	75	317	4	850	1522	0	15.9	7.1	0	13	245	1
1004	* 91		19.5	5.3					946	* 595		26.2	14.2					1001	* 103		27.2	9.8				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - ITALY PRATICA DI MARE 16245 JUL 2003 4139N 01226E OB 3								EUROPE - ITALY BRINDISI 16320 JUL 2003 4039N 01757E OB 3								EUROPE - ITALY CAGLIARI/ELMAS 16560 JUL 2003 3915N 00904E OB /										
030	24200	0	-51.5	28.6	0	97	91	10	030	24237	2	-51.9	31.2	2	97	93	10	030	24202	0	-52.0	30.6	0	97	92	11
050	20925	0	-56.6	26.8	0	85	95	5	050	20961	2	-56.6	29.2	2	83	100	5	050	20938	0	-57.5	28.8	0	89	109	6
100	16602	0	-61.6	23.0	0	89	269	10	100	16648	0	-62.1	24.4	0	94	267	12	100	16648	0	-64.5	22.2	1	89	262	11
150	14075	0	-58.0	22.1	0	94	274	21	150	14117	0	-56.9	25.0	0	96	273	23	150	14150	0	-59.3	22.7	1	93	265	21
200	12241	0	-53.5	17.2	0	90	282	22	200	12270	0	-51.1	22.0	0	94	281	26	200	12323	0	-52.7	19.5	0	92	272	23
300	9560	0	-38.4	14.6	0	89	288	19	300	9574	0	-37.8	17.1	0	90	295	20	300	9626	0	-37.3	18.1	0	88	276	16
500	5838	0	-10.4	21.0	0	91	291	14	500	5845	0	-9.5	23.6	0	92	304	14	500	5892	0	-9.9	18.8	0	91	283	15
700	3162	0	7.1	16.3	0	85	290	8	700	3163	0	7.1	16.3	0	84	316	9	700	3202	0	10.0	19.1	0	88	283	12
850	1535	0	17.9	14.0	0	61	281	4	850	1535	0	18.1	13.2	0	81	324	6	850	1557	0	20.7	19.3	0	72	288	6
1010	* 32		26.5	7.5					1013	* 10		28.0	9.0					1015	* 5		29.3	9.9				
EUROPE - TURKEY SAMSUN 17030 JUL 2003 4117N 03618E OB 3								EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 JUL 2003 4058N 02905E OB 3								EUROPE - TURKEY ANKARA/CENTRAL 17130 JUL 2003 3957N 03253E OB 3										
030	24253	0	-52.6		1	97	90	10	030	24235	0	-52.1	32.1	1	98	88	11	030	24226	1	-52.6	32.9	2	98	93	11
050	20991	0	-57.5		1	78	107	5	050	20970	0	-57.2	30.8	2	80	101	4	050	20968	1	-58.1	31.2	3	87	105	5
100	16696	0	-62.1		1	96	248	17	100	16659	0	-61.7	29.5	5	94	252	15	100	16693	0	-63.7	28.2	4	96	243	18
150	14153	0	-54.3		1	97	248	31	150	14106	0	-53.7	31.6	2	94	258	27	150	14163	0	-55.3	30.8	2	97	250	31
200	12275	0	-45.6		1	96	248	38	200	12229	0	-46.5	32.2	2	91	259	30	200	12291	0	-46.1	32.3	1	96	250	36
300	9507	0	-34.9		1	92	250	24	300	9494	0	-37.5	22.9	0	79	285	16	300	9520	0	-34.2	26.2	1	90	257	24
500	5773	0	-10.1	23.3	0	88	262	9	500	5772	0	-10.2	24.9	0	76	299	9	500	5779	0	-9.7	22.3	1	82	275	9
700	3102	0	5.0	8.6	1	71	296	5	700	3101	0	5.0	12.7	0	65	335	5	700	3105	0	5.8	10.7	0	88	281	7
850	1490	0	13.9	7.6	0	43	360	2	850	1488	0	14.8	10.8	0	78	25	6	850	1483	0	16.2	10.8	1	73	41	4
1011	* 4		20.6	4.3					1006	* 33		23.3	6.4					911	* 891		18.7	8.5				
EUROPE - TURKEY IZMIR/GUZELYALT 17220 JUL 2003 3826N 02710E OB 3								EUROPE - TURKEY ISPARTA 17240 JUL 2003 3745N 03033E OB 3								EUROPE - TURKEY DIYARBAKIR 17280 JUL 2003 3753N 04012E OB 3										
030	24206	0	-52.8		2	98	86	13	030	24202	6	-53.2	32.1	7	98	89	13	030	24187	3	-53.4	32.8	3	97	88	14
050	20957	0	-58.6		1	87	93	6	050	20959	6	-59.8	29.5	6	94	100	7	050	20952	2	-60.4	30.7	2	88	97	6
100	16704	0	-65.1		1	96	254	16	100	16732	5	-66.6	24.5	5	97	245	18	100	16762	1	-69.5	26.4	4	98	246	19
150	14191	0	-56.8		0	95	253	31	150	14228	3	-57.1	27.7	5	97	249	32	150	14286	0	-57.9	29.7	0	99	246	31
200	12328	0	-47.1		0	93	257	32	200	12365	0	-46.2	30.8	5	95	248	34	200	12423	0	-45.9	32.9	0	99	245	34
300	9566	0	-34.6		0	85	279	21	300	9581	0	-31.6	30.6	1	90	261	24	300	9620	0	-28.2	36.9	0	97	246	27
500	5813	0	-8.7	25.0	0	84	304	10	500	5812	0	-8.3	25.6	1	86	284	10	500	5803	0	-6.8	35.9	0	90	243	9
700	3120	0	8.0	20.1	0	79	344	7	700	3119	0	7.6	11.0	0	42	311	3	700	3092	0	11.2	16.0	0	58	193	3
850	1491	0	17.8	14.3	0	87	22	8	850	1487	0	18.5	12.7	0	62	11	3	850	1430	0	25.7	24.6	0	89	356	6
1006	* 29		25.6	18.9					900	* 997		18.1	8.2					926	* 677		26.1	22.4				



# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - CYPRUS</b> ATHALASSA 17607 JUL 2003 3509N 03324E OB 2									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> MURMANSK 22113 JUL 2003 6859N 03307E OB 3									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> ARHANGEL'SK 22550 JUL 2003 6437N 04030E OB 3								
030									030	24497	11	-44.8	33.1	9	91	92	4	030	24482	3	-46.2	33.6	3	94	85	6
050									050	21098	10	-47.1	32.7	9	28	137	1	050	21109	0	-48.7	33.1	0	74	66	3
100	16775	0	-71.1	26.6	1	91	231	16	100	16528	10	-48.9	32.3	9	82	268	5	100	16580	0	-50.9	32.2	0	55	320	2
150	14316	0	-59.2	30.3	0	97	242	26	150	13866	10	-49.2	31.3	9	87	268	9	150	13942	0	-51.2	30.5	0	63	299	5
200	12463	0	-46.7	33.4	0	97	247	28	200	11987	10	-51.8	21.4	9	85	264	14	200	12088	0	-55.6	13.9	0	56	288	7
300	9663	0	-28.1	39.8	0	92	252	23	300	9347	10	-43.5	9.6	9	79	259	16	300	9446	0	-41.3	9.3	0	55	277	7
500	5840	0	-6.0	40.8	0	86	274	9	500	5699	10	-15.2	13.0	9	81	260	11	500	5763	0	-13.0	12.1	0	49	278	4
700	3125	0	9.6	28.2	0	72	289	4	700	3077	10	.5	7.8	9	83	263	8	700	3116	0	2.6	8.7	0	40	285	3
850	1483	0	21.5	18.5	0	61	333	3	850	1491	10	9.9	5.6	9	80	253	6	850	1518	0	11.6	8.1	0	26	243	1
986	* 161		36.8	25.0					1000	* 121		15.5	5.8					1016	* 4		19.0	6.9				
<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> ST. PETERBURG (VOEJKOVO) 26063 JUL 2003 5957N 03042E OB 3									<b>EUROPE - LATVIA</b> RIGA 26422 JUL 2003 5658N 02403E OB									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> VOLOGDA 27037 JUL 2003 5919N 03955E OB 3								
030	24439	9	-47.2	31.3	9	92	100	7	030									030	24431	2	-46.2	14.1	2	97	92	7
050	21086	0	-50.9	31.1	0	85	99	4	050	21045	17	-50.7	32.5	9	61	86	3	050	21065	1	-49.0	12.3	1	96	79	5
100	16580	0	-52.0	30.5	0	43	143	2	100	16555	15	-51.7	31.6	9	26	118	1	100	16551	0	-51.4	10.6	0	20	354	1
150	13948	0	-50.9	29.8	0	30	173	2	150	13916	15	-50.1	29.4	9	19	224	1	150	13911	0	-50.6	8.7	0	14	354	1
200	12082	0	-54.6	15.4	0	34	169	4	200	12042	15	-52.0	17.8	9	27	228	3	200	12048	0	-54.0	6.6	0	27	65	3
300	9430	0	-41.4	9.3	0	40	159	5	300	9395	15	-41.9	7.8	9	42	181	6	300	9405	0	-41.2	7.4	0	47	86	6
500	5751	0	-13.4	12.0	0	51	163	4	500	5721	15	-14.0	12.2	9	17	192	1	500	5701	0	-12.8	10.5	0	38	107	3
700	3109	0	2.3	6.9	0	45	156	3	700	3084	15	2.2	10.9	9	20	213	1	700	3087	0	3.2	9.1	0	36	106	2
850	1511	0	12.1	5.8	0	40	143	2	850									850	1493	0	12.6	6.7	0	33	113	2
1005	* 78		20.2	5.1					1010	* 26		18.1	2.9					999	* 126		14.8	1.5				
<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> KAZAN' 27595 JUL 2003 5536N 04917E OB 3									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> MOSKVA (DOLGOPRUDNYJ) 27612 JUL 2003 5545N 03757E OB 0									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> ROSTOV-NA-DONU 34731 JUL 2003 4715N 03949E OB 3								
030	24449	12	-46.7	14.9	9	98	75	6	030	24385	7	-48.3	18.3	7	98	99	7	030	24220	30	-51.9	12.0	9	99	85	5
050	21075	7	-49.9	12.6	7	89	70	3	050	21050	4	-50.8	17.6	4	93	102	4	050	20930	30	-55.1	11.0	9	99	85	3
100	16572	4	-51.5	10.5	4	61	302	3	100	16562	3	-51.9	17.0	3	23	162	1	100	16580	30	-59.1	10.0	9	99	265	13
150	13932	2	-49.5	9.0	2	57	300	4	150	13927	0	-50.2	16.3	0	14	159	1	150	13989	27	-49.4	10.0	9	92	263	17
200	12051	2	-51.8	6.5	2	28	19	3	200	12053	0	-51.5	12.5	0	44	85	4	200	12096	19	-45.6	9.0	9	91	253	21
300	9397	2	-42.3	6.0	2	45	57	5	300	9399	0	-41.2	8.9	0	56	84	7	300	9401	16	-40.7	8.2	9	82	257	18
500	5728	2	-14.1	9.5	2	42	62	4	500	5723	0	-13.1	13.7	0	59	87	5	500	5687	16	-12.7	10.7	9	86	250	12
700	3098	1	1.4	7.2	1	39	34	3	700	3086	0	2.5	9.7	0	53	104	3	700	3064	16	2.9	5.7	9	86	248	9
850	1506	1	11.0	4.0	1	26	41	1	850	1498	0	11.7	5.2	0	45	124	2	850	1463	16	13.6	5.0	9	85	248	7
1001	* 116		16.9	3.2					992	* 200		19.5	6.3					1000	* 78		22.3	5.4				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
<b>EUROPE - LEBANON</b> BEYROUTH (AEROPORT) 27595 JUL 2003 5536N 04917E OB 3								<b>EUROPE - ISRAEL</b> BET DAGAN 27612 JUL 2003 5545N 03757E OB 0								<b>EUROPE - JORDAN</b> MAFRAQ 34731 JUL 2003 4715N 03949E OB 3												
030	24156	2	-54.5	32.5	3	99	87	16	030									030										
050	20937	2	-61.6	29.9	4	93	93	10	050									050										
100	16808	1	-72.6	23.6	4	95	222	14	100	16815	0	-74.0			3	91	201	12	100	16825	0	-74.6			1	93	204	14
150	14361	1	-59.7	26.7	2	96	233	23	150	14378	0	-60.4			1	94	222	18	150	14397	0	-60.2			2	95	224	19
200	12509	1	-46.3	31.5	1	96	238	24	200	12530	0	-46.8	16.0	0	95	231	18	200	12543	0	-46.7			3	95	234	19	
300	9699	1	-26.5	39.1	1	94	249	20	300	9722	0	-26.5	20.9	0	96	243	16	300	9737	0	-26.1			0	95	244	17	
500	5842	1	-4.3	42.1	3	87	268	9	500	5861	0	-3.9	26.1	0	86	264	8	500	5867	0	-3.3	44.8	0	90	256	9		
700	3113	1	11.5	34.5	1	65	283	4	700	3128	0	12.1	26.9	0	84	260	5	700	3130	0	12.9	4.1	0	70	259	6		
850	1469	0	20.3	16.8	0	76	337	4	850	1481	0	20.2	17.2	0	78	298	4	850	1476	0	21.0	22.3	0	93	297	9		
1003	* 19		25.3	4.2					1003	* 35		27.0	6.2					932	* 687		20.3	7.1						
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> OSTROV DIKSON 20674 JUL 2003 7330N 08024E OB 3								<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> HATANGA 20891 JUL 2003 7159N 10228E OB 3								<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> NAR' JAN-MAR 23205 JUL 2003 6738N 05302E OB 3												
030	24650	10	-41.8	15.0	9	89	72	3	030	24557	4	-42.8	16.8	5	94	89	4	030	24557	4	-44.1			5	96	73	5	
050	21211	8	-42.5	15.0	8	39	44	1	050	21120	4	-44.2	15.2	4	66	135	2	050	21143	4	-46.1			4	83	40	2	
100	16534	8	-42.6	18.0	9	67	285	2	100	16484	0	-44.7	13.4	1	94	239	5	100	16557	1	-47.9			2	84	332	5	
150	13790	7	-41.8	17.5	7	77	288	5	150	13770	0	-43.9	12.1	0	92	243	9	150	13853	1	-47.8			1	85	322	10	
200	11840	7	-41.2	16.5	7	75	287	7	200	11835	0	-43.9	10.3	0	90	243	14	200	11993	1	-50.7			2	84	321	15	
300	9092	5	-44.1	11.3	5	65	291	12	300	9117	0	-43.2	6.6	0	85	242	22	300	9333	0	-42.2	5.2	0	81	317	17		
500	5507	2	-21.1	8.2	2	73	299	10	500	5515	0	-19.8	7.8	0	83	248	13	500	5679	0	-15.8	11.5	0	79	311	11		
700	2945	2	-6.0	8.6	2	70	311	7	700	2941	0	-5.4	6.5	0	81	248	8	700	3060	0	-.1	11.6	0	79	311	8		
850	1405	3	.0	5.3	2	58	325	5	850	1398	0	1.8	3.8	0	64	251	5	850	1483	0	7.2	9.5	1	72	301	5		
1006	* 47		2.7	1.2					1005	* 33		10.1	4.5					1015	* 12		9.7	2.9						
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> SALEHARD 23330 JUL 2003 6632N 06640E OB 3								<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> TURUHANSK 23472 JUL 2003 6547N 08756E OB 3								<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> SYKTYVKAR 23804 JUL 2003 6140N 05051E OB 3												
030	24524	1	-44.1	16.7	1	96	77	5	030	24543	4	-43.9	15.5	4	92	80	5	030	24504	1	-45.7	13.7	1	96	86	6		
050	21112	0	-45.5	15.6	0	75	50	2	050	21130	4	-45.4	14.2	4	71	89	2	050	21122	0	-48.0	12.2	0	85	69	3		
100	16516	0	-46.8	13.3	0	75	339	5	100	16535	2	-46.4	12.7	2	45	228	3	100	16580	0	-50.3	10.2	0	68	351	3		
150	13827	0	-46.1	11.5	0	77	332	8	150	13841	2	-45.6	11.2	2	60	245	6	150	13933	0	-49.9	8.6	0	69	338	6		
200	11920	0	-47.7	8.9	0	72	330	12	200	11920	1	-46.0	8.5	1	62	239	11	200	12061	0	-53.2	6.1	0	67	351	9		
300	9248	0	-43.3	7.1	0	73	341	17	300	9227	1	-42.5	6.5	1	55	233	15	300	9416	0	-41.8	6.5	0	60	359	10		
500	5618	0	-16.9	9.9	0	76	332	11	500	5594	1	-17.4	10.3	1	59	254	9	500	5743	0	-13.6	10.0	0	55	352	6		
700	3023	0	-2.2	7.9	0	69	328	7	700	2994	1	-2.1	7.2	1	60	277	5	700	3105	0	1.9	8.8	0	52	355	4		
850	1463	0	5.7	5.9	0	68	336	5	850	1427	1	5.9	4.4	1	47	289	3	850	1512	0	10.5	6.1	0	40	5	2		
1013	* 16		14.2	6.0					1004	* 38		15.0	6.7					1002	* 116		18.2	6.6						

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HANTY-MANSIJSK</b> 23933 JUL 2003 6101N 06902E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OLENEK</b> 24125 JUL 2003 6830N 11226E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHOJANSK</b> 24266 JUL 2003 6734N 13324E OB 3								
030	24549	20	-44.1		9	97	69	7	030	24524	0	-43.7	15.9	0	95	88	4	030	24537	2	-43.9	15.7	2	94	87	5
050	21148	18	-46.4		9	91	63	4	050	21112	0	-45.5	14.5	0	58	148	1	050	21131	0	-46.2	13.7	0	44	92	1
100	16544	14	-47.7		9	77	344	4	100	16524	0	-47.1	12.4	0	94	241	8	100	16562	0	-48.7	11.3	0	75	258	5
150	13851	12	-46.5		9	77	349	7	150	13839	0	-47.2	10.2	0	96	244	12	150	13907	0	-49.6	8.7	0	79	252	8
200	11949	11	-48.1		9	61	348	9	200	11946	0	-50.0	8.7	0	91	243	16	200	12049	0	-54.4	6.1	1	63	251	10
300	9278	8	-42.9	9.4	9	52	345	9	300	9264	0	-40.3	7.3	0	82	239	16	300	9383	0	-38.9	7.0	0	58	242	9
500	5642	6	-17.0	10.7	6	47	350	5	500	5595	0	-14.5	8.6	0	85	242	12	500	5684	0	-12.3	9.4	0	71	238	8
700	3028	3	-.8	8.5	4	59	344	5	700	2979	0	.1	6.1	0	71	247	7	700	3042	0	3.0	7.5	0	67	237	5
850	1454	7	7.5	5.5	6	61	11	5	850	1405	0	8.4	5.2	0	34	235	2	850	1446	0	13.2	9.0	0	50	219	3
1007	* 46		14.4	3.6					982	* 220		14.9	7.0					992	* 138		19.7	9.4				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>TURA</b> 24507 JUL 2003 6416N 10014E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JAKUTSK</b> 24959 JUL 2003 6201N 12943E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SEJMCHAN</b> 25703 JUL 2003 6255N 15225E OB 3								
030	24524	15	-44.5	13.8	9	97	87	7	030	24462	7	-45.6	14.0	7	97	89	7	030	24478	18	-45.6	14.0	9	95	87	6
050	21129	15	-46.8	12.6	9	79	116	3	050	21077	4	-47.8	12.3	4	88	85	4	050	21097	13	-48.1	12.3	9	85	77	3
100	16538	12	-48.3	10.9	9	77	208	4	100	16547	2	-50.5	10.1	2	23	255	1	100	16564	9	-50.5	10.3	9	54	345	2
150	13860	11	-48.1	9.6	9	77	221	7	150	13909	2	-50.0	8.2	2	36	233	2	150	13927	7	-50.6	8.5	7	64	322	4
200	11977	10	-51.7	7.6	9	83	224	14	200	12050	1	-52.8	5.9	1	26	223	3	200	12067	6	-53.5	6.1	6	51	335	5
300	9305	11	-40.6	7.9	9	63	230	13	300	9393	1	-39.3	6.3	1	30	208	4	300	9447	4	-41.2	7.0	4	28	300	4
500	5624	10	-14.1	11.5	9	50	234	7	500	5692	1	-11.9	9.6	1	31	183	3	500	5737	1	-13.3	10.4	0	46	265	3
700	2996	12	1.0	8.3	9	22	219	2	700	3044	0	3.9	6.4	0	45	175	3	700	3090	0	3.4	8.2	0	58	271	4
850	1409	12	8.5	7.9	9	12	17	1	850	1443	0	14.1	6.7	0	46	160	3	850	1480	0	15.2	11.2	0	44	237	2
983	* 168		12.7	3.5					994	* 101		22.0	8.0					985	* 205		19.9	6.7				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KORF</b> 25954 JUL 2003 6021N 16600E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHNEE DUBROVO</b> 28445 JUL 2003 5644N 06104E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OMSK</b> 28698 JUL 2003 5456N 07324E OB 3								
030	24467	11	-46.4	12.9	9	97	85	6	030	24458	1	-46.5	13.4	1	94	74	6	030	24435	0	-46.8	15.9	0	97	79	7
050	21078	10	-48.6	11.8	9	92	73	4	050	21112	0	-49.0	12.2	0	85	60	3	050	21074	0	-48.9	14.3	0	76	51	2
100	16545	5	-50.6	9.7	5	67	4	3	100	16580	0	-50.4	10.6	0	88	320	5	100	16548	0	-49.7	12.4	0	86	299	5
150	13903	5	-50.5	8.2	5	74	347	4	150	13924	0	-48.5	9.4	0	80	320	7	150	13884	0	-47.6	10.7	0	78	296	6
200	12039	4	-53.0	6.0	4	56	3	6	200	12033	0	-50.2	6.9	0	61	329	7	200	11991	0	-49.5	8.0	0	44	295	5
300	9393	4	-42.0	7.4	4	58	1	7	300	9373	0	-42.1	6.2	0	43	346	7	300	9310	0	-40.6	7.0	0	34	310	5
500	5727	2	-14.5	10.9	2	63	345	5	500	5710	0	-14.4	9.5	0	56	347	6	500	5646	0	-14.5	10.2	0	32	338	3
700	3093	2	2.0	8.8	2	59	324	4	700	3079	0	.8	6.1	0	60	352	5	700	3026	0	.5	7.5	0	31	357	2
850	1499	2	10.4	9.5	2	45	308	3	850	1492	0	10.1	4.1	0	59	6	4	850	1455	0	9.9	6.2	0	40	12	3
1015	* 4		14.3	3.6					980	* 290		17.7	4.9					999	* 90		17.4	6.0				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KOLPASEVO</b> 29231 JUL 2003 5819N 08254E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>EMEL'JANOVO</b> 29572 JUL 2003 5611N 09237E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KIRENSK</b> 30230 JUL 2003 5746N 10804E OB 0								
030	24485	8	-46.1	15.4	9	98	86	6	030	24409	0	-47.2	25.1	0	94	92	6	030	24489	1	-46.5	13.0	4	95	87	6
050	21107	4	-48.1	13.9	5	76	86	3	050	21053	0	-49.5	23.9	0	70	97	3	050	21121	1	-48.9	11.8	1	86	100	3
100	16545	2	-48.7	11.6	2	27	220	1	100	16532	0	-50.8	22.5	0	51	217	3	100	16593	1	-50.6	10.2	1	40	217	1
150	13877	0	-48.3	9.7	0	49	234	3	150	13894	0	-50.9	21.0	0	61	214	6	150	13951	1	-50.6	8.5	1	45	251	3
200	11993	0	-51.3	6.9	0	56	216	6	200	12034	0	-56.2	10.1	0	55	199	9	200	12086	1	-52.9	6.3	1	26	279	3
300	9323	0	-41.3	6.6	0	52	217	9	300	9388	0	-39.9	8.0	0	54	194	9	300	9408	1	-38.5	6.9	1	27	321	3
500	5654	0	-14.8	9.3	0	30	240	3	500	5688	0	-12.2	13.3	0	42	213	4	500	5694	1	-11.8	7.4	1	19	324	2
700	3024	0	.8	10.1	0	18	262	1	700	3038	0	2.6	11.2	0	25	255	2	700	3038	1	3.8	4.2	1	11	288	1
850	1444	1	8.1	5.3	0	11	48	1	850	1443	0	11.3	6.2	0	32	357	2	850	1429	1	13.7	7.4	1	15	357	1
1000	* 75		12.2	1.9					983	* 206		17.7	5.9					975	* 259		19.5	5.6				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>CHITA</b> 30758 JUL 2003 5205N 11329E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ALDAN</b> 31004 JUL 2003 5837N 12522E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OHOTSK</b> 31088 JUL 2003 5922N 14312E OB 3								
030	24377	1	-48.5	14.2	1	98	84	8	030	24422	0	-47.0	14.5	0	98	87	7	030	24437	2	-47.5	13.0	2	98	85	7
050	21043	0	-51.4	12.6	0	83	85	4	050	21062	0	-49.2	12.8	0	91	86	4	050	21077	1	-49.8	11.5	2	93	67	4
100	16565	0	-52.0	10.5	0	55	275	4	100	16558	0	-51.1	10.6	0	12	139	0	100	16563	0	-52.2	9.5	0	38	31	2
150	13929	0	-50.0	9.0	0	60	275	6	150	13917	0	-50.1	9.0	0	19	190	1	150	13942	0	-52.1	7.7	0	33	319	2
200	12053	0	-50.7	6.7	0	44	283	6	200	12038	0	-50.9	6.7	0	29	177	3	200	12085	0	-54.4	5.7	0	34	286	4
300	9378	0	-38.9	5.8	0	35	317	5	300	9372	0	-39.8	6.6	0	33	150	5	300	9433	0	-40.2	7.1	0	33	283	4
500	5668	0	-11.9	7.4	0	42	314	4	500	5675	0	-12.2	8.2	0	40	150	4	500	5738	0	-12.9	10.5	0	38	252	3
700	3022	0	4.2	4.4	0	31	329	2	700	3033	0	3.2	3.9	0	56	174	4	700	3089	0	3.6	10.2	0	41	218	2
850	1418	0	15.1	8.7	0	7	310	0	850	1440	0	13.0	5.0	0	51	182	4	850	1489	0	11.2	8.2	0	51	206	2
928	* 671		18.6	7.6					930	* 79		17.7	6.0					1014	* 6		12.6	2.3				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>BLAGOVESCENSK</b> 31510 JUL 2003 5032N 12730E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HABAROVSK</b> 31736 JUL 2003 4832N 13514E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VLADIVOSTOK (SAD GOROD)</b> 31977 JUL 2003 4316N 13203E OB 3								
030	24419	24	-49.2	12.0	9	97	88	8	030									030	24294	5	-50.4	12.1	5	98	89	10
050	21101	23	-52.6	9.8	9	99	76	5	050									050	20997	3	-54.6	10.9	3	93	71	5
100	16675	23	-55.9	10.2	9	79	286	4	100	16600	0	-54.9	8.3	0	67	307	4	100	16617	1	-58.1	9.5	2	82	293	11
150	14076	23	-51.5	10.0	9	87	266	8	150	14002	0	-53.1	7.1	0	72	291	8	150	14046	0	-54.2	8.5	0	85	285	21
200	12204	23	-49.7	8.6	9	74	257	14	200	12153	0	-54.4	5.7	0	57	296	9	200	12196	0	-51.4	7.0	0	83	283	22
300	9474	23	-35.5	6.8	9	65	237	11	300	9472	0	-37.6	6.8	0	29	278	3	300	9486	0	-34.8	7.5	0	73	288	12
500	5728	23	-9.7	11.6	9	68	209	5	500	5744	0	-10.9	10.0	0	30	189	2	500	5732	0	-9.1	8.3	0	58	277	5
700	3055	23	5.0	4.9	9	88	180	6	700	3080	0	4.3	8.2	0	54	164	4	700	3064	0	5.2	4.5	0	31	245	2
850	1445	23	13.1	3.1	9	68	179	5	850	1470	0	13.9	7.2	0	41	167	2	850	1462	0	11.8	3.4	0	61	194	4
986	* 177		18.9	2.4					1001	* 72		20.5	4.0					1001	* 82		17.4	2.4				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JUZHNO-SAHALINSK</b> 32150 JUL 2003 4657N 14243E OB 1									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>PETROPALOVSK-KAMCATSKIJ</b> 32540 JUL 2003 5305N 15835E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ORENBURG</b> 35121 JUL 2003 5141N 05506E OB 3								
030	24316	5	-49.0	13.4	5	98	87	9	030	24441	3	-47.5	14.1	3	98	92	8	030	24418	3	-48.8	13.1	3	97	80	6
050	21003	3	-52.6	12.0	3	96	79	5	050	21073	2	-50.3	12.3	2	91	89	5	050	21094	2	-52.1	12.0	2	62	76	1
100	16568	2	-54.8	10.3	2	73	313	5	100	16568	0	-51.8	10.5	0	16	345	0	100	16641	1	-53.1	10.8	1	93	282	11
150	13965	1	-53.1	8.8	1	72	305	8	150	13939	0	-51.1	8.9	0	47	318	3	150	14008	1	-49.3	10.0	1	94	274	15
200	12118	1	-54.4	7.1	1	57	304	8	200	12074	0	-53.4	6.6	0	43	340	5	200	12117	1	-48.5	7.8	1	88	275	14
300	9441	1	-37.7	8.5	1	38	339	4	300	9418	0	-40.5	8.2	0	54	14	6	300	9438	1	-39.3	7.1	1	54	263	7
500	5721	1	-10.9	12.9	1	33	38	3	500	5735	0	-13.7	11.4	0	74	40	6	500	5737	1	-12.0	10.8	1	44	307	3
700	3067	0	3.9	10.8	0	47	84	3	700	3100	0	1.5	8.1	0	76	48	5	700	3091	1	3.7	7.3	1	22	322	1
850	1474	0	10.6	8.4	0	54	105	3	850	1506	0	11.5	7.8	0	62	27	2	850	1495	3	13.0	5.3	1	30	43	1
1012	* 24		12.9	2.3					1007	* 84		14.9	4.3					999	* 117		25.1	9.8				
<b>ASIA - SAUDI ARABIA</b> <b>HAFR AL-BATIN</b> 40373 JUL 2003 2820N 04607E OB									<b>ASIA - SAUDI ARABIA</b> <b>TABUK</b> 40375 JUL 2003 2822N 03636E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>HAIL</b> 40394 JUL 2003 2726N 04141E OB 3								
030	24064	16	-54.1	25.7	9	99	89	16	030	24074	15	-54.1	26.0	9	99	91	18	030	24106	8	-53.8	25.8	8	98	92	17
050	20860	14	-63.8	22.6	9	99	92	17	050	20864	14	-63.6	22.6	9	97	95	15	050	20890	8	-63.0	22.7	8	97	97	16
100	16823	12	-77.3	15.2	9	97	113	14	100	16814	11	-77.0	15.5	9	96	138	14	100	16850	6	-77.3	17.0	6	97	120	15
150	14413	12	-61.7	17.9	9	91	113	10	150	14402	10	-61.9	18.1	9	88	159	11	150	14442	6	-61.7	19.9	6	88	134	10
200	12571	12	-47.1	20.3	9	87	120	9	200	12566	10	-47.7	20.9	9	82	178	8	200	12603	6	-47.5	22.5	6	81	136	7
300	9763	11	-25.8	23.1	9	68	116	5	300	9766	10	-26.4	25.6	9	69	217	5	300	9795	6	-26.1	28.0	6	56	140	4
500	5872	11	-2.2	22.4	9	45	189	3	500	5887	10	-2.8	31.1	9	51	279	3	500	5912	6	-3.5	26.5	6	76	251	5
700	3122	11	14.9	23.5	9	95	303	11	700	3152	10	12.6	17.3	9	73	190	5	700	3179	6	14.4	19.7	6	75	254	4
850	1441	11	29.5	27.6	9	95	328	9	850	1479	10	25.7	20.9	9	60	325	3	850	1498	6	29.7	30.0	6	67	356	4
959	* 358		36.5	34.1					921	* 768		31.4	24.9					896	*1013		33.5	31.5				
<b>ASIA - SAUDI ARABIA</b> <b>KING FAHAD INT. AIRPORT</b> 40417 JUL 2003 2627N 04949E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>MADINAH</b> 40430 JUL 2003 2433N 03942E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>KING KHALED INT. AIRPORT</b> 40437 JUL 2003 2456N 04643E OB 3								
030	24076	23	-53.9	24.8	9	97	97	16	030	23920	13	-54.8	24.1	9	98	94	20	030	24064	14	-53.9	22.4	9	99	91	19
050	20858	23	-64.0	19.8	9	99	93	21	050	20758	8	-63.8	21.0	9	97	97	19	050	20849	13	-63.4	18.1	9	99	92	20
100	16830	6	-77.9	12.3	6	97	101	18	100	16762	6	-78.4	13.3	6	98	113	23	100	16819	8	-78.4	12.5	8	98	101	23
150	14429	6	-61.9	14.8	6	96	100	12	150	14372	6	-62.6	16.0	6	95	114	16	150	14419	8	-62.1	14.8	8	97	101	16
200	12590	6	-47.3	17.0	6	92	99	10	200	12542	6	-48.1	18.7	7	94	114	11	200	12581	8	-47.4	17.4	8	95	102	13
300	9781	6	-25.7	20.9	6	85	88	8	300	9743	5	-26.6	23.1	7	77	103	6	300	9774	8	-26.1	20.3	8	90	93	8
500	5903	6	-3.5	12.8	6	70	114	5	500	5880	5	-4.8	17.8	5	61	224	4	500	5903	8	-4.0	16.0	8	6	316	1
700	3143	6	16.7	23.1	6	89	325	7	700	3146	5	14.6	19.8	5	56	250	3	700	3157	8	15.5	20.2	8	95	322	8
850	1457	6	29.1	25.4	6	98	339	12	850	1472	5	28.4	25.4	5	92	287	6	850	1468	8	30.8	27.9	8	86	2	6
995	* 12		38.3	32.2					933	* 636		36.9	31.4					934	* 612		37.0	36.7				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>ASIA - IRAN, ISLAMIC REPUBLIC OF MASHHAD</b> 40745 JUL 2003 3616N 05938E OB 3									<b>ASIA - IRAN, ISLAMIC REPUBLIC OF KERMAN</b> 40841 JUL 2003 3015N 05658E OB 3									<b>ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT.)</b> 41024 JUL 2003 2142N 03911E OB 3									
030	24176	0	-54.2	32.8	0	97	90	14	030	24082	3	-53.9						030	23976	6	-54.5	23.7	6	99	92	22	
050	20955	0	-61.8	30.2	0	95	90	9	050	20864	2	-62.1						050	20769	6	-63.8	16.7	6	98	94	20	
100	16843	0	-73.3	24.7	0	91	280	11	100	16794	1	-75.4						100	16734	5	-78.9	9.0	6	99	106	29	
150	14390		-59.4	20.9	8	97	290	15	150	14374	1	-62.1						150	14351	5	-63.6	11.4	5	98	108	22	
200	12542	0	-46.3	34.7	0	91	280	16	200	12539	1	-48.1						200	12527	5	-49.2	13.5	5	97	104	16	
300	9730	0	-26.4	41.2	0	94	280	15	300	9743	0	-26.6	28.5					300	9743	5	-27.4	17.8	5	93	96	8	
500	5874	0	-4.9	23.5	1	75	320	9	500	5875	0	-3.8	12.6					500	5891	5	-6.0	11.0	5	70	208	4	
700	3128	0	13.4	17.9	1	69	80	5	700	3118	0	18.1	22.7					700	3159	5	14.4	17.2	5	92	286	6	
850	1471	0	22.9	20.9	1	55	100	3	819	*1754		23.0	20.6					850	1486	5	26.5	22.3	5	94	322	8	
897	* 980		22.8	12.2														1002	* 17		34.2	11.8					
<b>ASIA - SAUDI ARABIA ABHA</b> 41112 JUL 2003 1814N 04239E OB									<b>ASIA - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT</b> 41217 JUL 2003 2426N 05439E OB 3									<b>ASIA - OMAN SEEB, INTERNATIONAL AIRPORT</b> 41256 JUL 2003 2335N 05817E OB 1									
030	23929	8	-54.7	23.2	8	99	91	25	030	23987	29	-54.4		9	99	98	19	030									
050	20729	8	-63.7	13.1	8	98	93	21	050	20817	3	-64.8		6	98	93	21	050	20814	4	-63.9						
100	16674	5	-79.3	7.2	5	99	97	34	100	16791	0	-78.6		2	98	92	24	100	16781	0	-79.0	11.8					
150	14297	5	-64.4	9.0	5	99	101	31	150	14391	0	-62.4	13.4	1	97	94	16	150	14381	0	-62.7	11.2					
200	12480	5	-50.4	9.4	5	99	98	22	200	12559	0	-47.5	14.8	1	96	93	12	200	12555	0	-48.0	6.2					
300	9709	5	-28.6	10.8	5	97	89	11	300	9751	0	-25.9	17.4	1	93	85	8	300	9747	0	-26.0	1.7					
500	5870	5	-7.0	3.4	5	76	52	6	500	5876	0	-4.1	8.1	1	87	57	8	500	5870	0	-4.0	.1					
700	3141	5	16.1	16.0	5	71	19	5	700	3119	0	16.9	18.3	1	72	55	4	700	3119	0	15.6	1.7					
792	*2093		25.3	20.1					850	1430	0	28.7	20.2	1	10	197	1	850	1438	0	26.1	11.4					
									994	* 27		36.1	9.8					997	* 8		29.6	3.8					
<b>ASIA - OMAN SALALAH</b> 41316 JUL 2003 1702N 05405E OB 3									<b>ASIA - BANGLADESH DHAKA</b> 41923 JUL 2003 2346N 09023E OB /									<b>ASIA - INDIA SRINAGAR</b> 42027 JUL 2003 3405N 07450E OB 3									
030	23932	15	-54.3	30.7	9	99	86	25	030	24034	23	-54.6		9	99	87	21	030									
050	20725	12	-63.8	22.8	9	99	85	22	050	20825	23	-63.8		9	94	91	18	050									
100	16656	9	-79.4	12.2	9	99	90	37	100	16763	23	-78.6		9	97	81	19	100	16924	8	-67.9						
150	14282	9	-64.9	11.7	9	99	96	34	150	14378	23	-63.7		9	74	85	14	150	14439	1	-55.7						
200	12470	8	-50.8	10.8	9	98	95	22	200	12551	3	-48.4		9	85	85	12	200	12563	0	-44.7			9	72	250	10
300	9697	8	-28.6	9.3	9	98	83	11	300	9745	23	-26.2	9.2	9	86	95	7	300	9736	0	-24.9	9.4	9	84	265	11	
500	5847	7	-5.0	6.0	7	69	13	6	500	5863	23	-2.9	4.2	9	37	105	3	500	5844	0	-2.5	8.0	9	55	305	3	
700	3111	7	14.1	12.4	7	78	330	7	700	3115	23	19.6	4.2	9	63	178	5	700	3090	0	15.0	6.4	3	63	305	4	
850	1433	7	25.4	14.8	7	65	253	5	850	1462	23	11.4	3.3	9	70	195	6	834	*1587		25.0	7.8					
999	* 20		26.3	2.6					1003	* 9		27.5	2.0														

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>ASIA - INDIA</b> NEW DELHI/SAFDARJUNG 42182 JUL 2003 2835N 07712E OB 3								<b>ASIA - INDIA</b> JODHPUR 42339 JUL 2003 2618N 07301E OB 3								<b>ASIA - INDIA</b> LUCKNOW/AMAUSI 42369 JUL 2003 2645N 08053E OB 3											
030								030										030									
050								050	20998	9		-62.6						050	21080	7		-60.7					
100	16859	3	-75.4		9	44	132	4	100	16861	8	-76.5						100	16890	4		-75.1					
150	14444	3	-60.8		4	27	46	2	150	14437	1	-61.6						150	14480	3		-60.5	2.6				
200	12569	2	-45.6		2	6	316	1	200	12597	0	-46.4						200	12623	2		-45.5	5.6				
300	9735	0	-23.8	5.4	1	36	278	2	300	9748	0	-26.5	5.6	9	86	85	5	300	9784	1		-23.7	6.6				
500	5831	0	-1	9.3	0	16	242	1	500	5855	0	-6	4.8	9	42	55	2	500	5874	0		-3	4.4				
700	3074	0	12.9	4.2	0	7	265	1	700	3088	0	14.2	1.8	7	42	40	3	700	3101	0		13.6	2.0	6	16	74	1
850	1418	0	21.0	4.2	0	16	158	1	850	1423	0	24.1	3.0	2	33	128	2	850	1429	0		22.6	1.8	1	27	104	3
966	* 216		29.4	4.3					974	* 224		29.7	5.1					985	* 128			28.8	2.8				
<b>ASIA - INDIA</b> GAUHATI 42410 JUL 2003 2606N 09135E OB 3								<b>ASIA - INDIA</b> PATNA 42492 JUL 2003 2536N 08506E OB 3								<b>ASIA - INDIA</b> AHMADABAD 42647 JUL 2003 2304N 07238E OB 3											
030								030	24135	5		-54.0						030									
050	20892	9	-64.1		9	98	83	20	050	20932	0	-64.2						050									
100	16837	7	-76.9		7	90	70	15	100	16871	0	-76.4						100	16839	10		-76.1					
150	14430	1	-62.0		1	75	54	10	150	14457	0	-57.0						150	14426	4		-61.7					
200	12587	0	-46.6		1	62	40	5	200	12603	0	-45.4	5.8					200	12580	4		-46.9					
300	9764	0	-24.5	2.9	0	27	39	2	300	9765	0	-23.5	6.1	5	64	80	5	300	9757	4		-25.0	8.2				
500	5865	0	-1.8	3.2	0	34	234	2	500	5855	0	-1.6	4.6	3	36	121	2	500	5859	2		-1.8	6.5				
700	3107	0	12.0	2.1	0	51	220	4	700	3098	0	12.5	2.3	2	45	124	3	700	3102	6		13.1	3.9				
850	1447	0	20.9	2.1	0	62	226	4	850	1438	0	21.3	1.9	2	54	127	3	850	1437	1		21.2	1.6				
996	* 54		28.1	2.8					994	* 60		29.3	2.9					994	* 55			28.7	3.2				
<b>ASIA - INDIA</b> CALCUTTA/DUM DUM 42809 JUL 2003 2239N 08827E OB 3								<b>ASIA - INDIA</b> BHUBANESWAR 42971 JUL 2003 2015N 08550E OB 3								<b>ASIA - INDIA</b> BOMBAY/SANTACRUZ 43003 JUL 2003 1907N 07251E OB 3											
030	24124	2	-55.6		1	75	91	19	030									030									
050	20899	1	-63.4		0	99	91	24	050	20867	6	-63.7						050									
100	16870	0	-76.0		0	95	84	23	100	16786	4	-77.3		4	96	78	25	100	16778	9		-76.1		9	98	77	31
150	14446	0	-58.8		0	95	83	18	150	14384	4	-62.9		4	87	74	21	150	14373	2		-61.5		2	99	78	28
200	12596	0	-46.4	4.7	0	96	90	15	200	12544	3	-47.4		3	91	80	18	200	12533	0		-46.9	5.7	0	95	79	18
300	9764	0	-24.5	7.5	0	91	106	10	300	9734	3	-25.7	5.7	3	90	94	10	300	9725	0		-26.1	5.8	0	83	71	7
500	5860	0	-1.5	5.4	0	63	134	4	500	5845	3	-2.3	3.7	3	41	127	3	500	5845	0		-2.4	4.9	0	31	271	2
700	3101	0	13.1	2.9	0	60	179	4	700	3092	2	12.1	1.5	2	31	215	2	700	3099	0		11.5	3.6	0	91	249	8
850	1435	0	21.1	1.6	0	82	177	5	850	1434	2	20.7	.8	2	48	247	3	850	1447	0		19.4	1.1	0	95	241	9
999	* 6		28.9	3.0					995	* 46		27.8	1.8					1001	* 14			28.0	3.3				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - INDIA</b> <b>HYDERABAD AIRPORT</b> 43128 JUL 2003 1727N 07828E OB 3									<b>ASIA - INDIA</b> <b>CWC VISHAKHAPATNAM/WALTAIR</b> 43150 JUL 2003 1742N 08318E OB 3									<b>ASIA - INDIA</b> <b>GOA/PANJIM</b> 43192 JUL 2003 1529N 07349E OB 3								
030									030									030								
050	20810	2	-61.0		2	98	87	21	050									050								
100	16667	0	-77.5		0	99	86	31	100	16689	0	-79.9		1	99	74	32	100	16623	4	-78.0		5	97	90	36
150	14298	0	-65.6		0	99	79	29	150	14311	0	-64.6	7.7	1	98	68	27	150	14256	3	-65.8		4	98	85	31
200	12488	0	-50.6	4.0	0	98	81	21	200	12493	0	-49.5	6.0	1	97	73	20	200	12445	2	-51.6		2	97	88	20
300	9709	0	-27.6	4.8	0	95	81	9	300	9707	0	-27.3	5.6	1	91	80	9	300	9679	2	-28.9	5.5	2	85	80	7
500	5842	0	-3.3	2.3	0	54	323	3	500	5831	0	-2.3	3.7	0	11	200	1	500	5829	1	-4.8	5.3	1	57	281	4
700	3103	0	11.1	2.0	0	94	287	9	700	3083	0	11.7	1.8	0	85	282	6	700	3100	1	9.3	4.1	1	95	275	9
850	1448	0	20.7	1.8	0	95	281	11	850	1424	0	21.1	1.9	0	89	270	8	850	1461	1	17.9	1.8	1	97	273	11
943	* 545		26.6	4.6					994	* 66		27.7	2.9					999	* 60		26.2	1.2				
<b>ASIA - INDIA</b> <b>MADRAS/MINAMBAKKAM</b> 43279 JUL 2003 1300N 08011E OB 3									<b>ASIA - INDIA</b> <b>MANGALORE/PANAMBUR</b> 43285 JUL 2003 1257N 07450E OB 3									<b>ASIA - INDIA</b> <b>PORT BLAIR</b> 43333 JUL 2003 1140N 09243E OB 3								
030									030									030								
050	20846	9	-62.6						050	20716	3	-63.3						050	20761	8	-62.1		8	98	92	22
100	16675	1	-76.8						100	16616	0	-79.0						100	16585	2	-76.4		2	93	84	28
150	14283	0	-64.8						150	14257	0	-67.4						150	14251	1	-66.5		1	95	74	22
200	12473	0	-50.8	5.4					200	12465	0	-52.4	5.5					200	12449	0	-51.5	5.8	0	86	72	14
300	9702	0	-28.7	5.0					300	9705	0	-29.3	5.6	5	82	62	5	300	9680	0	-28.7	5.9	0	79	77	6
500	5849	0	-4.0	3.4	5	86	265	7	500	5861	0	-4.7	5.1	0	80	271	5	500	5840	0	-5.2	3.4	0	43	71	3
700	3116	0	10.8	4.3	0	94	271	9	700	3135	0	10.2	4.9	0	96	276	9	700	3119	0	9.5	3.5	0	91	257	8
850	1465	0	20.0	4.1	0	97	281	10	850	1491	0	18.4	1.9	0	96	282	11	850	1478	0	18.0	1.5	0	91	247	10
1002	* 16		29.3	6.0					1004	* 31		25.8	1.5					998	* 79		25.7	1.9				
<b>ASIA - INDIA</b> <b>COCHIN/WILLINGDON</b> 43353 JUL 2003 0957N 07616E OB 3									<b>ASIA - INDIA</b> <b>MINICOY</b> 43369 JUL 2003 0818N 07309E OB 3									<b>ASIA - INDIA</b> <b>THIRUVANANTHAPURAM</b> 43371 JUL 2003 0829N 07657E OB 3								
030									030									030								
050									050									050								
100									100	16740	7	-73.5		7	97	90	28	100	16538	6	-77.9		9	96	83	25
150	14232	3	-66.6						150	14348	2	-65.9		2	96	81	28	150	14171	4	-67.8		7	99	77	32
200	12428	1	-52.1						200	12531	2	-51.8	6.1	2	93	76	21	200	12385	4	-53.4		6	98	75	22
300	9668	0	-30.0	6.7					300	9769	0	-28.7	6.0	0	84	84	8	300	9646	4	-30.8		4	83	75	8
500	5837	0	-5.1	4.1					500	5909	0	-3.0	5.3	0	77	247	5	500	5823	2	-5.3	6.9	2	63	318	3
700	3117	0	9.5	4.2					700	3161	0	11.8	5.3	0	94	283	10	700	3108	2	9.6	5.0	2	87	308	9
850	1483	0	17.4	2.6					850	1504	0	21.0	4.0	0	97	294	13	850	1474	2	17.5	2.9	2	96	316	12
1008	* 3		26.5	2.6					1008	* 2		27.7	2.5					9999	* 64		26.3	2.9				



# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - HONG KONG, CHINA</b> <b>KING'S PARK</b> <b>45004 JUL 2003 2219N 11410E OB 1</b>																										
030	23991	0	-54.1	31.4	0	99	92	23	030	24224	0	-51.8	22.5	0	99	89	12	030	24178	1	-52.7		1	98	90	13
050	20779	0	-63.4	25.5	0	99	87	20	050	20958	0	-58.0	19.1	0	96	75	8	050	20926	1	-59.0		1	96	76	8
100	16702	0	-78.4	11.5	0	98	73	21	100	16696	0	-66.7	16.9	0	82	299	13	100	16691	0	-68.5		0	80	308	12
150	14324	0	-64.8	12.3	0	94	78	20	150	14216	0	-60.6	17.4	0	87	287	29	150	14235	0	-62.1		0	87	293	28
200	12507	0	-49.9	16.9	0	95	83	17	200	12382	0	-49.8	15.1	0	86	280	30	200	12413	0	-51.0		0	84	285	28
300	9730	0	-28.7	20.1	0	85	93	10	300	9612	0	-29.6	13.1	0	86	277	23	300	9651	0	-29.8	8.8	0	84	281	21
500	5883	0	-3.8	17.7	0	81	122	6	500	5782	0	-5.2	13.1	0	85	277	12	500	5819	0	-5.4	12.7	0	84	276	12
700	3147	0	11.9	11.7	0	86	157	8	700	3072	0	8.8	9.6	0	50	268	4	700	3105	0	9.0	9.8	0	66	270	7
850	1496	0	19.5	6.1	0	72	172	5	850	1447	0	16.0	3.0	0	31	188	2	850	1472	0	15.8	4.9	0	18	276	2
1001	* 66		28.2	3.2					1000	* 52		23.0	3.5					1009	* 6		21.7	2.9				
<b>ASIA - REPUBLIC OF KOREA</b> <b>KWANGJU AB</b> <b>47158 JUL 2003 3507N 12649E OB 3</b>																										
030	24216	1	-51.8	30.6	2	99	88	14	030	24298	2	-49.5		2	98	85	9	030	24277	3	-50.5		3	99	84	9
050	20948	1	-58.6	25.5	2	98	77	9	050	20987	1	-53.6		1	96	71	5	050	20977	1	-54.7		2	98	75	6
100	16716	1	-69.3	21.5	2	76	311	12	100	16571	0	-56.5		0	82	310	6	100	16590	0	-58.2		0	88	302	9
150	14260	0	-62.3	21.5	1	85	292	25	150	13987	0	-54.2		0	83	292	12	150	14026	0	-55.4		0	89	287	17
200	12435	0	-49.9	19.7	1	84	285	26	200	12140	0	-53.9		0	71	289	11	200	12181	0	-52.8		0	84	281	22
300	9657	0	-28.4	14.5	1	84	283	21	300	9461	0	-37.9	9.8	0	40	309	5	300	9483	0	-36.7	11.1	0	71	297	11
500	5807	0	-4.4	16.9	0	87	275	13	500	5741	0	-11.1	16.5	0	29	3	2	500	5748	0	-10.2	14.4	0	58	303	4
700	3088	0	9.8	12.0	0	76	262	9	700	3080	0	3.9	11.6	0	33	78	2	700	3078	0	4.4	10.7	0	14	300	1
850	1455	0	17.3	4.4	0	53	227	4	850	1480	0	11.0	7.3	1	43	117	2	850	1476	0	11.0	4.2	0	59	142	3
1006	* 13		23.1	1.9					1012	* 11		13.7	2.7					1009	* 26		16.9	4.8				
<b>ASIA - JAPAN</b> <b>NEMURO</b> <b>47420 JUL 2003 4320N 14535E OB 2</b>																										
030	24268	1	-50.4		1	99	88	10	030	24222	3	-51.6		5	99	82	10	030	24201	5	-52.3		7	99	82	10
050	20968	0	-54.5		0	96	75	5	050	20949	1	-56.4		1	98	72	6	050	20940	1	-57.7		1	99	77	7
100	16573	0	-57.7		0	81	293	7	100	16617	0	-62.0		0	90	295	11	100	16655	0	-65.3		0	89	302	12
150	14003	0	-55.0		0	84	280	16	150	14095	0	-57.8		0	90	289	23	150	14167	0	-60.2		0	90	292	27
200	12160	0	-53.3		0	80	266	20	200	12262	0	-52.6		0	89	282	30	200	12344	0	-51.7		0	85	286	29
300	9468	0	-37.1	10.2	0	60	267	9	300	9543	0	-34.0	8.6	0	87	279	20	300	9600	0	-31.7	7.6	0	88	282	21
500	5735	0	-10.4	15.5	0	47	283	4	500	5770	0	-8.4	12.3	0	82	273	9	500	5794	0	-6.6	13.8	0	87	275	10
700	3074	0	3.6	11.4	0	8	180	1	700	3086	0	5.8	7.5	0	58	268	4	700	3094	0	6.9	7.1	0	79	262	7
850	1475	0	10.2	7.6	0	31	128	2	850	1471	0	13.6	3.1	1	61	201	4	850	1473	0	14.3	3.5	0	68	236	6
1010	* 39		10.6	.9					1009	* 7		20.4	4.0					1008	* 14		21.1	2.4				
<b>ASIA - JAPAN</b> <b>AKITA</b> <b>47582 JUL 2003 3943N 14006E OB 2</b>																										
030	24222	3	-51.6		5	99	82	10	030	24222	3	-51.6		5	99	82	10	030	24201	5	-52.3		7	99	82	10
050	20949	1	-56.4		1	98	72	6	050	20949	1	-56.4		1	98	72	6	050	20940	1	-57.7		1	99	77	7
100	16617	0	-62.0		0	90	295	11	100	16617	0	-62.0		0	90	295	11	100	16655	0	-65.3		0	89	302	12
150	14095	0	-57.8		0	90	289	23	150	14095	0	-57.8		0	90	289	23	150	14167	0	-60.2		0	90	292	27
200	12262	0	-52.6		0	89	282	30	200	12262	0	-52.6		0	89	282	30	200	12344	0	-51.7		0	85	286	29
300	9543	0	-34.0	8.6	0	87	279	20	300	9543	0	-34.0	8.6	0	87	279	20	300	9600	0	-31.7	7.6	0	88	282	21
500	5770	0	-8.4	12.3	0	82	273	9	500	5770	0	-8.4	12.3	0	82	273	9	500	5794	0	-6.6	13.8	0	87	275	10
700	3086	0	5.8	7.5	0	58	268	4	700	3086	0	5.8	7.5	0	58	268	4	700	3094	0	6.9	7.1	0	79	262	7
850	1471	0	13.6	3.1	1	61	201	4	850	1471	0	13.6	3.1	1	61	201	4	850	1473	0	14.3	3.5	0	68	236	6
1009	* 7		20.4	4.0					1009	* 7		20.4	4.0					1008	* 14		21.1	2.4				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - JAPAN</b> <b>TATENO</b> 47646 JUL 2003 3603N 14008E OB 2									<b>ASIA - JAPAN</b> <b>HACHIJOJIMA/OMURE</b> 47678 JUL 2003 3307N 13947E OB 2									<b>ASIA - JAPAN</b> <b>YONAGO</b> 47744 JUL 2003 3526N 13321E OB 2								
030	24184	5	-52.4		5	99	82	11	030	24166	4	-53.0		7	98	86	13	030	24177	1	-53.0		3	99	83	12
050	20924	2	-58.1		3	97	76	8	050	20915	4	-58.7		7	98	79	9	050	20928	0	-58.8		0	99	73	8
100	16655	0	-66.6		0	87	303	11	100	16683	1	-70.0		5	83	316	9	100	16690	0	-68.4		0	81	311	12
150	14183	0	-61.3		0	88	289	23	150	14253	1	-64.5		3	83	294	20	150	14235	0	-62.0		0	87	296	24
200	12365	0	-52.2		0	86	287	27	200	12447	1	-51.9		3	80	290	21	200	12413	0	-50.9		0	85	290	28
300	9621	0	-31.1	7.0	0	85	278	19	300	9687	1	-29.5	8.4	1	85	282	15	300	9652	0	-29.8	7.7	0	87	284	21
500	5808	0	-6.2	13.2	0	93	275	10	500	5848	0	-4.8	10.5	1	93	277	12	500	5821	0	-5.2	10.5	0	87	277	13
700	3105	0	6.5	2.8	0	79	281	7	700	3130	0	9.4	8.2	0	88	275	9	700	3107	0	8.5	7.0	0	79	274	9
850	1483	0	14.5	.9	0	28	262	2	850	1493	0	17.3	4.0	0	73	279	6	850	1477	0	15.6	2.8	0	67	262	6
1007	* 31		20.1	2.3					991	* 153		23.0	1.9					1008	* 8		22.9	3.1				
<b>ASIA - JAPAN</b> <b>SHIONOMISAKI</b> 47778 JUL 2003 3327N 13546E OB 2									<b>ASIA - JAPAN</b> <b>FUKUOKA</b> 47807 JUL 2003 3335N 13023E OB 2									<b>ASIA - JAPAN</b> <b>KAGOSHIMA</b> 47827 JUL 2003 3133N 13033E OB 2								
030	24162	5	-53.2		5	99	83	12	030	24154	2	-53.3		2	99	83	13	030	24131	3	-53.7		5	99	83	14
050	20916	4	-59.0		4	97	77	9	050	20912	2	-59.7		2	99	76	9	050	20898	3	-60.5		3	99	79	10
100	16699	0	-70.4		0	83	322	10	100	16717	0	-71.5		1	80	324	11	100	16730	0	-73.4		0	77	345	9
150	14266	0	-63.9		0	85	300	21	150	14288	0	-63.5		0	85	300	22	150	14322	0	-64.4		0	78	311	16
200	12454	0	-51.1		0	84	292	22	200	12471	0	-50.5		0	83	295	22	200	12508	0	-50.3		0	76	305	15
300	9688	0	-29.0	7.3	0	86	289	17	300	9697	0	-28.4	6.6	0	83	287	18	300	9727	0	-27.9	6.7	0	82	288	13
500	5848	0	-5.0	12.6	0	91	279	13	500	5847	0	-4.4	10.3	0	88	279	13	500	5870	0	-4.3	10.7	0	87	280	12
700	3131	0	9.4	8.2	0	92	276	10	700	3126	0	9.5	5.1	0	85	271	12	700	3144	0	10.9	8.2	0	90	273	11
850	1495	0	17.1	2.9	0	69	260	5	850	1484	0	17.9	4.3	0	75	247	8	850	1498	0	18.2	2.8	0	83	256	7
1002	* 75		24.0	2.2					1007	* 15		25.2	4.4					1006	* 31		27.7	5.1				
<b>ASIA - JAPAN</b> <b>NAZE/FUNCHATOKE</b> 47909 JUL 2003 2823N 12933E OB 2									<b>ASIA - JAPAN</b> <b>ISHIGAKIJIMA</b> 47918 JUL 2003 2420N 12410E OB 2									<b>ASIA - JAPAN</b> <b>NAHA</b> 47936 JUL 2003 2612N 12741E OB 2								
030									030	24050	0	-53.7		0	99	84	20	030	24075	0	-53.8		0	99	83	18
050									050	20830	0	-62.4		0	99	83	16	050	20849	0	-61.4		0	99	83	15
100									100	16727	0	-77.4		0	97	68	17	100	16728	0	-76.7		0	94	55	14
150									150	14349	0	-64.9		0	92	64	15	150	14349	0	-65.2		0	90	46	13
200	12533	0	-50.1		0	61	2	7	200	12534	0	-50.1		0	87	71	12	200	12536	0	-50.2		0	79	56	9
300	9753	0	-27.9	10.9	0	55	307	4	300	9757	0	-28.3	17.0	0	71	89	6	300	9758	0	-28.4	13.8	0	42	47	3
500	5900	0	-4.3	12.3	0	71	290	7	500	5910	0	-4.3	14.5	0	48	112	3	500	5909	0	-4.4	14.2	0	48	301	3
700	3168	0	11.8	9.9	0	78	269	5	700	3175	0	12.5	10.2	0	47	155	2	700	3176	0	12.0	10.1	0	29	270	2
850	1515	0	19.9	4.6	0	84	258	6	850	1517	0	20.4	5.7	0	80	176	5	850	1522	0	20.2	5.6	0	64	217	4
977	* 295		25.9	2.0					1009	* 7		29.8	5.2					1008	* 27		29.2	4.6				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - JAPAN</b> <b>MINAMIDAITOJIMA</b> 47945 JUL 2003 2550N 13114E OB 2								<b>ASIA - JAPAN</b> <b>CHICHIJIMA</b> 47971 JUL 2003 2705N 14211E OB 3								<b>ASIA - JAPAN</b> <b>MINAMITORISHIMA</b> 47991 JUL 2003 2418N 15358E OB 3										
030	24061	0	-54.5		0	99	83	19	030	24078	3	-53.5		3	99	84	17	030	24053	3	-53.6		3	99	87	20
050	20841	0	-61.8		0	99	84	15	050	20840	2	-60.6		2	99	87	14	050	20825	2	-60.9		2	99	87	16
100	16715	0	-76.7		0	95	55	14	100	16672	0	-74.5		0	94	37	9	100	16639	0	-72.7		0	93	53	10
150	14337	0	-65.2		0	85	48	12	150	14292	0	-66.8		0	60	4	8	150	14254	0	-67.9		0	79	26	12
200	12526	0	-50.7		0	76	46	8	200	12496	0	-52.1		0	53	356	6	200	12467	0	-53.7		0	72	32	10
300	9754	0	-28.6	12.8	0	51	32	3	300	9738	0	-29.2	10.5	0	50	305	4	300	9728	0	-31.0	15.2	0	59	35	6
500	5907	0	-4.5	12.4	0	59	324	3	500	5897	0	-4.8	14.4	0	70	285	5	500	5906	0	-5.4	11.7	0	40	96	2
700	3177	0	11.3	11.8	0	24	243	1	700	3176	0	10.6	10.0	0	58	282	4	700	3189	0	9.7	8.9	0	51	126	3
850	1528	0	19.8	7.9	0	44	231	2	850	1531	0	18.7	5.8	0	49	279	3	850	1549	0	18.0	4.6	0	67	130	4
1010	* 20		28.2	2.8					1012	* 8		26.7	2.3					1014	* 9		27.6	4.0				
<b>ASIA - THAILAND</b> <b>CHIANG MAI</b> 48327 JUL 2003 1847N 09859E OB 1								<b>ASIA - THAILAND</b> <b>UBON RATCHATHANI</b> 48407 JUL 2003 1515N 10452E OB 1								<b>ASIA - THAILAND</b> <b>BANGKOK</b> 48455 JUL 2003 1344N 10034E OB 1										
030									030	23987	2	-54.1		2	99	90	24	030								
050	20786	10	-63.4		3	99	85	25	050	20775	1	-63.3		1	99	85	20	050	20751	13	-63.0					
100	16718	1	-78.1		1	97	80	22	100	16676	1	-78.6		1	99	75	24	100	16654	8	-79.1		9	99	55	34
150	14336	1	-63.5		1	98	80	15	150	14307	0	-65.0		0	96	70	16	150	14295	7	-65.7	9.7	7	96	40	22
200	12418				1	91	80	8	200	12499	0	-50.5		0	85	65	9	200	12495	7	-50.9	8.9	7	91	45	12
300	9732	1	-26.8	8.4	0	40	120	2	300	9729	0	-28.3	8.6	0	88	80	5	300	9729	7	-28.2	6.8	7	80	50	6
500	5866	0	-3.0	4.7	0	57	235	3	500	5880	0	-3.8	5.8	0	41	120	2	500	5879	5	-3.8	5.4	5	19	100	1
700	3127	0	11.8	4.7	1	72	250	4	700	3150	0	11.2	4.5	0	54	230	3	700	3150	5	11.2	5.3	5	65	220	5
850	1485	1	20.1	4.0					850	1503	0	20.0	4.2	0	76	240	5	850	1501	5	19.7	5.1	5	66	235	5
972	* 314		25.0	3.2					995	* 127		25.6	1.5					1009	* 20		25.9	2.0				
<b>ASIA - CHINA</b> <b>HAILAR</b> 50527 JUL 2003 4913N 11945E OB 3								<b>ASIA - CHINA</b> <b>URUMQI</b> 51463 JUL 2003 4347N 08737E OB 3								<b>ASIA - CHINA</b> <b>BEIJING</b> 54511 JUL 2003 3956N 11617E OB 3										
030	24330	4	-50.1	9.9	8	71	79	5	030	24238	1	-51.5	8.2	1	0	87	8	030	24211	1	-52.0	25.6	2	0	2	12
050	21007	2	-52.8	9.3	5	40	66	2	050	20965	1	-56.7	7.4	1	67	55	2	050	20950	0	-58.1	22.8	0	0	10	7
100	16557	1	-53.9	8.5	5	67	272	6	100	16617	1	-58.3	7.9	1	0	277	18	100	16671	0	-64.0	19.2	0	87	280	13
150	13943	1	-52.2	7.9	5	65	260	11	150	14038	1	-52.5	7.6	1	93	273	28	150	14157	0	-57.6	17.9	0	93	277	27
200	12085	1	-53.2	6.7	5	62	263	13	200	12160	0	-49.1	7.1	0	94	272	29	200	12309	0	-49.4	17.6	0	94	272	31
300	9407	0	-38.5	7.0	5	60	270	9	300	9463	0	-38.8	6.8	0	91	271	20	300	9563	0	-33.0	15.5	0	91	268	21
500	5693	0	-11.6	7.5	1	55	288	6	500	5745	0	-11.4	8.6	0	92	278	11	500	5772	0	-7.5	17.2	0	90	273	9
700	3036	0	4.1	5.8	0	38	282	3	700	3082	0	5.6	7.5	0	71	329	5	700	3079	0	7.7	8.7	0	43	276	3
850	1425	0	14.1	6.2	0	14	266	1	850	1460	0	16.4	8.5	0	67	350	2	850	1449	0	17.2	6.7	0	40	256	2
935	* 611		17.3	4.4					904	* 919		17.5	6.7					1002	* 55		23.8	3.8				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - CHINA</b> <b>LHASA</b> 55591 JUL 2003 2940N 09108E OB 3									<b>ASIA - CHINA</b> <b>KUNMING</b> 56778 JUL 2003 2501N 10241E OB 3									<b>ASIA - CHINA</b> <b>SHANGHAI</b> 58362 JUL 2003 3124N 12128E OB 3								
030	24029	0	-56.7		0	0	88	17	030	23976	2	-54.4		4	0	90	21	030	24053	4	-53.8		4	0	90	16
050	20852	0	-65.8		0	0	84	15	050	20779	1	-64.8		2	0	82	19	050	20837	1	-62.3		1	0	80	13
100	16821	0	-75.5		0	67	24	6	100	16738	0	-78.8		1	94	72	16	100	16732	1	-75.5		1	58	348	7
150	14400	0	-61.8	10.9	0	50	311	5	150	14351	0	-64.1		0	80	66	12	150	14327	1	-64.0		1	72	306	13
200	12560	0	-47.7	6.9	0	67	299	6	200	12529	0	-49.2	8.5	0	75	77	9	200	12511	0	-50.3	6.4	0	69	294	11
300	9749	0	-25.3	7.5	0	75	287	6	300	9737	0	-27.0	9.8	0	71	78	5	300	9729	1	-27.9	6.9	1	86	280	12
500	5858	0	-1.6	2.9	0	67	243	4	500	5866	0	-2.6	5.8	0	50	238	3	500	5869	0	-4.5	9.4	0	86	261	12
655	*3650		11.8	3.7					700	3121	0	10.9	2.0	0	78	246	7	700	3139	0	11.6	7.2	0	92	252	11
									809	*1892		18.5	2.5					850	1484	1	21.4	5.8	0	91	255	10
																		1005	* 4		27.9	3.3				
<b>AFRICA - MADEIRA</b> <b>FUNCHAL</b> 08522 JUL 2003 3238N 01654W OB 3									<b>AFRICA - MOROCCO</b> <b>CASABLANCA</b> 60155 JUL 2003 3334N 00740W OB 1									<b>AFRICA - ALGERIA</b> <b>DAR-EL-BEIDA</b> 60390 JUL 2003 3643N 00315E OB 3								
030	24128	2	-53.3		3	99	94	8	030	24130	24	-53.5	33.4	9	98	93	15	030								
050	20884	1	-59.1		1	97	96	6	050	20910	15	-59.4	31.2	9	69	107	7	050	20941	2	-57.0		3	97	100	9
100	16638	1	-67.6		1	84	242	4	100	16674	7	-68.1	28.1	7	90	214	9	100	16682	1	-66.6		2	76	260	7
150	14177	1	-62.5		2	97	249	9	150	14220	6	-62.8	27.9	6	95	246	18	150	14210	1	-61.4		2	95	260	21
200	12367	1	-53.6		2	95	251	10	200	12409	5	-52.9	29.0	6	95	248	20	200	12391	1	-52.4		2	93	260	24
300	9662	0	-35.6	24.1	2	89	252	8	300	9694	5	-35.0	27.6	6	95	247	16	300	9683	0	-36.1	21.0	0	90	260	17
500	5904	0	-8.1	28.4	0	84	253	4	500	5932	5	-8.3	19.4	6	91	231	13	500	5941	0	-9.8	12.9	1	88	270	12
700	3202	0	9.7	29.3	0	59	274	2	700	3218	5	13.1	26.5	7	97	234	10	700	3238	0	12.0	18.0	0	82	250	10
850	1571	0	15.1	13.0	0	80	33	2	850	1557	5	22.6	25.1	7	23	184	1	850	1577	0	24.0	21.8	0	55	240	4
1015	* 56		24.7	7.1					1010	* 62		22.4	3.8					1013	* 25		32.4	12.0				
<b>AFRICA - ALGERIA</b> <b>BECHAR</b> 60571 JUL 2003 3137N 00214W OB 3									<b>AFRICA - ALGERIA</b> <b>IN SALAH</b> 60630 JUL 2003 2712N 00228E OB 2									<b>AFRICA - ALGERIA</b> <b>TAMANRASSET</b> 60680 JUL 2003 2247N 00531E OB 3								
030									030	24065	0	-53.7		6	98	100	17	030	24008	11	-54.7		9	99	95	22
050	20889	4	-59.9		8	96	100	13	050	20839	0	-61.7		3	94	120	15	050	20791	2	-62.6		1	97	90	18
100	16687	0	-69.9		5	70	210	5	100	16699	0	-74.1		1	66	110	6	100	16683	0	-76.1		1	92	115	15
150	14263	0	-63.8		3	93	240	11	150	14291	0	-64.4		1	62	200	5	150	14295	0	-65.5		0	77	130	9
200	12453	0	-52.5		2	92	250	12	200	12478	0	-52.0		1	65	230	5	200	12492	0	-52.2		0	68	140	6
300	9727	0	-33.6	24.9	0	78	260	8	300	9739	0	-32.2	32.1	1	41	240	2	300	9745	0	-30.9	28.4	0	58	120	4
500	5966	0	-9.4	9.0	0	27	260	2	500	5952	0	-8.5	22.0	2	61	70	5	500	5931	0	-8.4	17.5	0	90	55	10
700	3251	0	14.4	20.8	0	37	190	3	700	3236	0	14.2	27.1	2	68	80	6	700	3220	0	13.8	20.8	1	90	85	7
850	1569	0	29.7	30.7	0	53	140	4	850	1559	0	29.3	36.5	2	77	100	6	850	1541	0	29.6	32.8	0	88	115	6
925	* 773		36.4	34.2					980	* 293		43.6	36.2					868	*1378		30.6	29.2				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND													
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED						
hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps						
<b>AFRICA - SENEGAL</b> DAKAR/YOFF 61641 JUL 2003 1444N 01730W OB 3									<b>AFRICA - OCEAN ISLANDS (UK)</b> ST. HELENA IS. 61901 JUL 2003 1556S 00504W OB 3									<b>AFRICA - MAURITIUS</b> VACOAS(MAURITIUS) 61995 JUL 2003 2018S 05730E OB 3														
030	23924	0	-55.0	32.0	1	99	90	27	030	23907	9	-55.5		9	96	89	12	030														
050	20723	0	-63.0	26.7	0	98	90	19	050	20690	8	-61.6		9	48	97	3	050														
100	16605	0	-76.5	13.5	0	94	95	12	100	16561	8	-74.4		8	90	287	12	100	16561								9	89	290	9		
150	14237	0	-67.8	12.3	0	92	100	14	150	14162	8	-66.6		8	95	276	21	150	14192	4	-66.4						6	93	305	20		
200	12451	0	-53.8	12.0	0	90	105	11	200	12380	8	-55.6		8	96	271	24	200	12397	2	-53.4						4	92	305	22		
300	9714	0	-31.2	14.4	0	88	90	7	300	9676	8	-34.3	21.5	8	94	278	16	300	9664	3	-31.8	22.2					3	92	285	19		
500	5897	0	-6.2	12.0	0	94	90	10	500	5886	8	-6.0	36.9	8	66	293	6	500	5859	0	-6.5	31.0	1	80	270	10						
700	3180	0	10.9	10.9	0	93	90	12	700	3178	8	8.3	37.2	8	50	289	4	700	3166	0	6.1	32.8	0	34	115	2						
850	1536	0	20.4	11.0	0	54	130	3	850	1556	8	11.7	14.5	8	72	118	6	850	1560	0	10.8	3.7	0	80	105	7						
1010	* 24		26.9	3.7					971	* 436		18.8	5.2						972	* 425		17.0	1.6									
<b>AFRICA - OCEAN ISLANDS (FRANCE)</b> MARTIN DE VIVIES (ILE AMSTER 61996 JUL 2003 3748S 07732E OB 2									<b>AFRICA - OCEAN ISLANDS (FRANCE)</b> PORT-AUX-FRANCAIS (ILES KERG 61998 JUL 2003 4921S 07015E OB 2									<b>AFRICA - EGYPT</b> MERSA MATRUH 62306 JUL 2003 3120N 02713E OB 3														
030									030									030														
050	20508	5	-60.1		6	96	271	23	050	19976	8	-62.2		8	99	273	50	050	20978	6	-60.0	1.5	6	99	106	13						
100	16193	0	-61.2		0	99	271	35	100	15667	2	-58.3		2	98	269	41	100	16834	4	-73.1	15.7	4	90	201	11						
150	13654	0	-57.1		0	97	269	46	150	13115	1	-57.1		1	95	267	39	150	14392	4	-60.1	14.6	4	90	230	16						
200	11826	0	-55.0		0	96	269	51	200	11299	1	-57.8		1	91	265	36	200	12542	4	-46.5	16.1	4	94	243	18						
300	9198	0	-45.5		1	87	267	36	300	8729	1	-52.8		1	88	258	34	300	9736	4	-26.7	23.3	4	94	257	16						
500	5612	0	-20.0	19.4	2	87	263	25	500	5269	1	-29.0	13.2	1	87	256	25	500	5883	2	-3.9	40.2	2	80	309	7						
700	3035	0	-3.9	19.0	2	90	262	18	700	2785	1	-13.2	12.9	1	80	257	19	700	3147	2	12.2	37.7	2	88	335	7						
850	1482	0	2.8	6.5	2	88	266	14	850	1285	2	-6.3	4.1	2	78	259	14	850	1501	2	20.2	21.9	2	92	332	7						
1013	* 29		11.9	3.7					996	* 30		2.0	3.6					1006	* 29		29.6	10.5										
<b>AFRICA - EGYPT</b> HELWAN 62378 JUL 2003 2952N 03120E OB 3									<b>AFRICA - EGYPT</b> ASSWAN 62414 JUL 2003 2358N 03247E OB 3									<b>AFRICA - SUDAN</b> KHARTOUM 62721 JUL 2003 1536N 03233E OB 3														
030									030	24123	7	-52.5		7	99	95	18	030														
050	20949	5	-60.7	21.3	5	99	110	12	050	20891	4	-62.7	30.6	4	99	100	19	050	20736	13	-64.7						9	98	95	23		
100	16849	3	-75.0	18.2	3	85	169	9	100	16818	4	-77.2	19.1	4	99	110	24	100	16649	6	-78.7						8	99	90	34		
150	14420	1	-60.9	21.8	1	84	206	10	150	14415	4	-62.6	20.3	4	96	115	18	150	14267	6	-65.5						8	97	90	32		
200	12574	1	-46.8	24.2	1	85	226	9	200	12584	4	-48.2	24.6	4	89	115	12	200	12466	6	-51.9						8	98	90	7		
300	9765	1	-26.0	32.6	1	94	250	10	300	9787	3	-26.8	26.8	3	82	105	7	300	9712	5	-29.7	13.7	9	78	80	9						
500	5893	1	-3.0	44.5	1	75	291	4	500	5908	2	-2.9	44.8	2	50	245	2	500	5884	5	-6.5	5.4	8	50	120	4						
700	3150	1	12.8	39.8	1	67	300	3	700	3168	2	13.0	36.7	2	92	265	9	700	3168	5	11.0	10.2	8	55	70	3						
850	1499	1	20.9	20.8	1	75	338	3	850	1506	2	25.2	27.7	2	91	290	6	850	1508	5	23.2	11.9	8	67	235	5						
992	* 141		34.3	22.2					985	* 194		39.1	40.2					965	* 380		34.6	18.2										

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 JUL 2003 0902N 03845E OB 2									AFRICA - SEYCHELLES SEYCHELLES INT. AIRPORT 63985 JUL 2003 0440S 05532E OB 3									AFRICA - MADAGASCAR FORT-DAUPHIN 67197 JUL 2003 2502S 04657E OB 3								
030									030	23813	2	-57.4	30.4	2	99	89	27	030	23908	2	-55.0	31.9	6	85	281	8
050									050	20656	2	-65.5	24.8	2	43	88	3	050	20681	2	-60.5	29.8	5	85	277	8
100	16600	3	-71.3		3	80	93	21	100	16560	0	-76.2	14.5	0	32	162	2	100	16509	1	-71.5	22.4	4	95	278	19
150	14210	2	-80.9		3	97	97	31	150	14164	0	-66.9	11.0	0	99	68	29	150	14079	1	-63.3	23.6	4	97	281	35
200	12420	2	-53.9	13.0	2	68	95	22	200	12385	0	-55.1	8.4	0	97	69	23	200	12271	1	-53.3	24.4	4	95	281	37
300	9690	2	-31.2	11.0	3	30	70	10	300	9662	0	-32.3	6.6	0	78	84	8	300	9554	0	-35.5	29.2	1	91	276	29
500	5869	2	-6.8	4.6	4	89	77	9	500	5854	0	-6.2	7.8	0	17	221	1	500	5826	0	-11.5	37.1	0	77	260	10
700	3153	1	10.5	5.0	3	25	316	4	700	3142	0	9.5	10.7	0	50	174	3	700	3169	0	3.9	32.2	1	13	268	1
772	*2354		19.3	4.7					850	1504	0	17.1	4.0	0	94	137	9	850	1575	0	9.9	8.4	2	40	41	3
									1010	* 4		26.4	3.3					1013	* 9		18.7	2.7				
AFRICA - SOUTH AFRICA IRENE 68263 JUL 2003 2555S 02813E OB 3									AFRICA - SOUTH AFRICA SPRINGBOK 68512 JUL 2003 2967S 01790E OB									AFRICA - SOUTH AFRICA DE AAR 68538 JUL 2003 3065S 02400E OB 3								
030					9	87	278	10	030	23854	3	-56.3		5	96	280	19	030								
050					9	93	252	9	050	20640	2	-60.5		3	94	283	15	050	20621	30	-62.1					
100					9	95	273	19	100	16409	0	-67.4		2	97	275	29	100	16383	2	-66.4		9	98	276	23
150					9	84	269	20	150	13937	0	-62.1		2	97	278	40	150	13906	1	-61.6		9		273	29
200	12069	6	-53.6	23.3	9	93	274	23	200	12141	0	-56.9	16.3	0	95	273	44	200	12108	1	-57.5	16.4	9	98	269	34
300	9492	5	-36.6	28.1	9	64	276	15	300	9488	0	-40.8	16.6	0	91	275	32	300	9468	1	-41.9	16.8	9	94	265	25
500	5851	2	-11.0	40.8	7	86	256	9	500	5809	0	-13.3	28.3	0	83	274	15	500	5805	1	-14.7	25.2	6	87	267	12
700	3186	1	4.2	31.5	4	33	263	2	700	3163	0	3.7	27.1	0	74	298	8	700	3172	1	1.9	23.5	2	82	279	8
850	1589				2	40	319	2	850	1560	0	12.6	21.3	0	51	329	4	850	1583	1	11.5	18.4	1	49	319	3
857	*1523								908	*1007		10.8	14.5					881	*1287		16.2	20.9				
AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 JUL 2003 2997S 03095E OB 3									AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 JUL 2003 3397S 01860E OB 3									AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 JUL 2003 3398S 02562E OB 3								
030	23878	18	-55.5		9	91	271	14	030	23788	10	-57.3		9	98	275	24	030								
050	20654	11	-60.8		9	94	283	13	050	20579	3	-60.1		3	97	277	21	050								
100	16416	3	-66.7		7	96	269	28	100	16298	0	-63.7		1	97	273	30	100	16285	3	-64.1		9	95	268	29
150	13942	2	-61.6		5	96	270	39	150	13796	0	-60.1		1	96	274	39	150	13777	2	-60.0		9	94	272	36
200	12139	2	-56.1	19.4	4	96	270	43	200	11995	0	-58.4	16.2	1	94	268	40	200	11972	2	-58.2	15.7	9	94	269	37
300	9489	1	-41.1	19.6	2	93	266	32	300	9378	0	-44.2	16.6	2	90	264	29	300	9357	2	-44.6	15.5	8	90	272	30
500	5817	0	-14.0	30.0	0	86	264	14	500	5746	0	-15.7	24.3	1	87	268	18	500	5735	1	-16.7	21.8	9	90	282	20
700	3183	0	1.9	22.9	1	78	268	6	700	3127	0	.3	24.3	2	82	281	11	700	3124	1	-.1	24.5	8	91	285	13
850	1590	0	11.3	14.7	2	52	281	3	850	1547	0	8.8	19.7	2	70	303	7	850	1546	1	8.3	15.2	8	75	292	8
1024	* 14		13.2	3.5					1017	* 46		10.1	3.0					1015	* 69		10.3	4.0				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 JUL 2003 4021S 00953W OB 3								AFRICA - SOUTH AFRICA MARION ISLAND 68994 JUL 2003 4653S 03752E OB 3								N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 JUL 2003 7118N 15647W OB 3											
030					6	97	271	35	030	23224	4	-63.8			5	98	274	55	030	24465	3	-43.3	23.7	3	94	69	5
050					5	97	271	30	050	20085	1	-62.2			2	98	273	45	050	21038	3	-44.7	22.8	3	55	42	2
100					1	96	270	29	100	15781	1	-59.7			2	96	269	39	100	16410	4	-45.6	21.7	4	76	285	4
150	13487	0	-56.5		0	93	272	32	150	13233	1	-57.6			2	93	267	37	150	13707	4	-45.0	21.0	5	75	278	7
200	11644	0	-57.8		0	84	273	33	200	11423	1	-59.2	17.3		2	89	265	38	200	11782	3	-45.1	17.6	4	73	275	11
300	9064	0	-46.8	2.7	0	83	276	32	300	8853	0	-50.7	13.3	0	83	268	35	300	9085	3	-43.8	11.2	4	59	273	13	
500	5588	0	-22.5	9.9	0	83	275	24	500	5357	0	-27.8	11.4	0	82	265	25	500	5493	2	-20.5	10.1	2	74	265	13	
700	3040	0	-7.2	13.0	0	74	273	16	700	2859	0	-11.8	10.9	0	86	266	17	700	2926	2	-5.4	10.2	5	81	253	11	
850	1499	0	1.5	12.8	0	70	276	13	850	1348	0	-3.6	6.3	0	77	265	13	850	1381	2	1.4	5.6	7	88	253	10	
1009	* 54		9.4	3.6					1003	* 21		3.9	2.5						1006	* 4		3.9	1.5				
N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 JUL 2003 6652N 16238W OB 3								N AMERICA - USA (ALASKA) NOME 70200 JUL 2003 6430N 16526W OB 3								N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 JUL 2003 6110N 15001W OB 3											
030	24421	1	-44.6	26.2	1	91	83	5	030	24414	1	-45.5	24.9	1	94	76	6	030	24367	0	-46.8	25.6	2	94	77	6	
050	21024	1	-46.4	25.1	1	63	105	2	050	21028	1	-47.5	24.2	1	65	72	2	050	21003	0	-49.0	24.8	1	76	95	3	
100	16437	1	-47.6	24.2	1	73	270	4	100	16456	1	-48.3	23.7	1	57	294	3	100	16463	0	-50.0	23.6	0	47	267	2	
150	13761	0	-47.6	23.4	0	75	264	7	150	13793	0	-48.5	21.7	0	63	277	6	150	13818	0	-50.2	20.2	0	54	269	5	
200	11862	0	-48.8	18.2	0	68	267	10	200	11902	0	-49.7	15.0	0	55	280	8	200	11948	0	-53.8	10.3	1	47	265	6	
300	9197	0	-43.9	8.9	0	50	270	12	300	9241	0	-43.7	7.2	0	40	273	8	300	9305	0	-42.5	8.3	0	35	271	6	
500	5575	0	-18.2	11.3	1	63	271	10	500	5610	0	-16.9	10.8	0	50	271	7	500	5661	0	-16.7	8.7	0	44	241	5	
700	2985	0	-3.5	6.7	0	76	258	8	700	3007	0	-1.9	10.0	0	54	261	5	700	3054	0	-1.5	5.4	1	43	212	3	
850	1427	0	3.5	5.3	0	67	249	6	850	1440	0	5.1	6.4	0	57	243	4	850	1481	0	7.6	4.9	2	59	184	4	
1011	* 5		11.1	3.9					1012	* 7		8.2	2.1						1009	* 40		13.9	3.9				
N AMERICA - USA (ALASKA) COLD BAY 70316 JUL 2003 5512N 16243W OB 3								N AMERICA - USA (ALASKA) YAKUTAT 70361 JUL 2003 5931N 13940W OB 3								N AMERICA - USA (ALASKA) SHEMYA AFB 70414 JUL 2003 5243N 17406E OB 3											
030	24345	0	-47.8	26.3	0	93	86	6	030	24350	2	-47.2	24.1	2	92	86	6	030									
050	20997	0	-50.2	24.8	0	79	81	3	050	20996	1	-49.4	23.4	1	67	85	3	050									
100	16489	0	-51.9	22.4	0	46	292	3	100	16470	0	-50.4	22.1	0	51	267	3	100									
150	13864	0	-51.3	19.4	0	58	279	7	150	13828	1	-50.4	19.6	1	43	266	4	150									
200	11999	0	-53.3	11.3	0	54	273	12	200	11956	0	-53.3	10.4	0	30	286	4	200	12059	14	-51.1						
300	9335	0	-40.8	7.3	0	40	259	9	300	9317	0	-43.2	7.2	0	8	293	1	300	9389	6	-40.9		8	65	231	13	
500	5664	0	-14.9	11.3	1	35	276	5	500	5675	0	-16.3	9.3	0	18	253	2	500	5712	2	-14.3	13.9	2	34	247	3	
700	3043	0	-2	9.0	1	28	275	3	700	3064	0	-	6.9	1	10	236	1	700	3081	2	1.0	9.6	4	18	287	2	
850	1469	0	6.0	4.6	0	27	275	3	850	1490	0	6.1	4.0	1	28	160	2	850	1495	2	8.6	9.2	4	21	286	2	
1012	* 31		9.1	.7					1016	* 9		11.1	.6						1015	* 31		7.7	.3				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>N AMERICA - USA</b> KEY WEST/INT., FL. 72201 JUL 2003 2433N 08145W OB								<b>N AMERICA - USA</b> SHREVEPORT/REG., LA. 72248 JUL 2003 3228N 09347W OB 2								<b>N AMERICA - USA</b> NEWPORT, NC 72305 JUL 2003 3447N 07653W OB 2										
030	24062	1	-52.9	11.8	1	99	93	20	030	24090	8	-53.7	22.1	9	96	85	12	030	24106	1	-53.0	20.2	1	98	92	12
050	20824	1	-60.7	8.3	1	99	90	18	050	20852	5	-60.0	18.1	6	98	84	12	050	20856	1	-59.0	17.4	1	98	88	10
100	16630	0	-69.4	6.9	0	91	72	6	100	16635	4	-69.5	10.7	4	78	48	5	100	16603	0	-66.8	10.8	3	44	237	3
150	14197	0	-65.6	7.1	0	42	12	5	150	14198	3	-64.4	10.0	4	56	1	5	150	14152	0	-65.5	7.7	3	44	275	5
200	12408	0	-54.8	8.0	0	33	360	5	200	12401	3	-53.8	10.7	4	62	348	6	200	12367	0	-55.7	6.9	2	57	244	8
300	9691	0	-33.4	8.5	0	33	75	3	300	9679	1	-33.6	14.3	3	55	359	5	300	9659	0	-34.1	7.5	1	79	237	10
500	5907	0	-7.4	11.9	0	56	108	3	500	5894	0	-7.5	15.6	2	46	22	4	500	5882	0	-8.3	9.9	0	93	245	10
700	3205	0	8.5	10.4	0	79	115	5	700	3195	1	8.2	8.5	2	20	360	1	700	3192	0	6.9	5.8	0	91	244	9
850	1571	0	17.6	6.5	0	92	115	6	850	1559	0	18.4	6.6	1	57	228	3	850	1565	0	16.8	4.5	2	88	241	8
1017	* 6		28.1	3.8					1007	* 79		23.3	1.4					1017	* 11		23.5	1.3				
<b>N AMERICA - USA</b> NASHVILLE/OLD HICKORY, TN. 72327 JUL 2003 3615N 08634W OB 3								<b>N AMERICA - USA</b> STERLING, VA. 72403 JUL 2003 3859N 07728W OB 3								<b>N AMERICA - USA</b> NORTH PLATTE/LEE BIRD, NE. 72562 JUL 2003 4108N 10041W OB 3										
030	24206	1	-51.7	12.7	2	98	85	10	030	24153	4	-52.0	23.4	4	98	87	9	030	24171	4	-52.4	23.9	4	97	87	9
050	20931	1	-57.3	10.0	2	97	84	8	050	20887	3	-57.4	20.8	3	96	92	7	050	20910	4	-57.5	21.1	4	93	80	6
100	16643	1	-66.0	8.3	2	60	322	4	100	16586	2	-64.2	14.7	2	78	267	6	100	16640	2	-66.8	13.9	2	76	306	6
150	14168	1	-61.6	8.9	2	67	299	9	150	14102	2	-62.4	11.5	2	79	266	13	150	14177	2	-63.0	13.1	2	86	304	15
200	12354	1	-53.2	9.9	2	70	285	13	200	12301	2	-55.1	9.8	2	79	257	19	200	12374	2	-54.0	12.9	2	89	302	20
300	9637	1	-34.4	12.6	2	73	290	10	300	9600	2	-35.2	11.3	2	79	253	16	300	9664	2	-35.1	14.6	2	89	300	16
500	5870	0	-8.3	16.4	1	79	282	7	500	5840	2	-9.1	16.4	2	85	258	12	500	5900	2	-8.5	11.1	2	81	306	10
700	3177	0	7.7	10.7	1	73	280	6	700	3161	2	5.9	8.6	3	90	259	9	700	3185	2	12.9	13.6	3	70	279	6
850	1550	0	16.5	5.5	2	77	266	6	850	1541	2	15.4	6.0	3	78	284	5	850	1518	2	23.0	13.5	5	66	222	6
996	* 180		20.7	1.4					1006	* 98		20.1	1.3					918	* 849		13.7	3.6				
<b>N AMERICA - USA</b> MEDFORD/MEDFORD- JACKSON COU 72597 JUL 2003 4222N 12252W OB 3								<b>N AMERICA - USA</b> CHANHASSEN, MN 72649 JUL 2003 4451N 09334W OB 2								<b>N AMERICA - USA</b> INT.FALLS/FALLS INT.MN. 72747 JUL 2003 4834N 09323W OB 3										
030	24224	1	-51.6	13.2	1	98	84	10	030	24205	1	-50.9	23.5	1	97	89	8	030	24252	5	-49.6	25.8	5	97	78	7
050	20949	1	-56.3	11.5	1	93	89	6	050	20921	1	-56.1	21.1	1	83	57	4	050	20943	4	-53.8	24.0	4	62	31	3
100	16629	1	-63.0	9.9	1	88	221	7	100	16577	0	-60.6	17.5	0	85	308	9	100	16535	3	-56.7	22.4	3	87	310	11
150	14120	0	-59.3	10.4	1	96	230	21	150	14046	0	-57.8	15.8	0	90	300	24	150	13962	2	-54.3	20.9	2	92	300	22
200	12297	0	-53.5	11.3	0	93	225	26	200	12221	0	-53.6	12.8	0	82	295	27	200	12111	2	-52.2	15.8	3	87	297	29
300	9600	0	-36.6	14.2	0	93	227	18	300	9531	0	-37.5	13.2	0	86	301	24	300	9435	2	-39.9	11.2	2	85	299	23
500	5856	0	-9.0	18.9	0	93	225	12	500	5802	0	-10.8	17.5	0	92	304	16	500	5741	2	-12.7	14.9	2	90	301	15
700	3161	0	8.9	18.7	0	93	216	8	700	3130	0	6.3	13.0	0	85	303	10	700	3092	2	3.6	12.9	2	81	298	8
850	1527	0	16.6	12.0	0	19	53	1	850	1510	0	15.3	8.6	0	60	287	5	850	1488	2	12.5	8.2	4	46	293	3
970	* 405		17.8	7.4					980	* 287		17.7	2.1					971	* 361		12.1	.9				



# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>N AMERICA - USA</b> BISMARCK/MUN.,ND. 72764 JUL 2003 4646N 10045W OB 3									<b>N AMERICA - USA</b> GREAT FALLS, MT 72649 JUL 2003 4451N 09334W OB 2									<b>N AMERICA - USA</b> SPOKANE, WA 72747 JUL 2003 4834N 09323W OB 3								
030	24277	5	-49.8	13.8					030	24259	2	-50.5	12.9	2	95	85	7	030	24295	0	-49.4	12.1	0	97	82	8
050	20975	5	-54.3	11.3					050	20963	1	-55.4	11.0	1	75	81	3	050	20989	0	-54.5	10.6	0	83	86	4
100	16610	3	-60.3	9.7	9	87	294	13	100	16603	3	-61.8	9.6	3	88	275	10	100	16610	0	-60.1	9.3	0	89	251	10
150	14076	3	-58.0	9.9	9	89	286	25	150	14074	2	-57.8	10.0	2	92	270	22	150	14063	0	-56.3	9.8	1	93	251	21
200	12248	3	-53.6	10.3	8	91	287	28	200	12243	2	-53.8	10.1	2	92	267	29	200	12224	0	-53.4	9.7	1	92	249	28
300	9555	1	-37.0	11.5	7	91	287	23	300	9556	2	-37.8	11.8	2	89	267	22	300	9538	0	-38.0	10.7	0	90	246	24
500	5817	1	-10.2	12.8	6	89	286	16	500	5831	1	-10.4	15.4	1	92	263	15	500	5814	0	-10.8	17.4	0	93	245	16
700	3136	0	7.4	10.8	3	89	293	10	700	3149	0	8.5	14.3	0	81	267	7	700	3139	0	6.8	19.5	0	94	246	9
850	1505	0	17.8	10.4	0	52	301	4	850	1509	0	19.9	18.8	0	26	230	2	850	1513	0	18.5	19.8	1	82	235	6
955	* 506		15.5	3.1					888	*1131		14.7	10.9					931	* 728		13.7	9.7				
<b>N AMERICA - TRINIDAD AND TOBAGO</b> PIARCO INT. AIRPORT,TRINIDAD 72764 JUL 2003 4646N 10045W OB 3									<b>N AMERICA - CURACAO AND BONAIRE</b> HATO AIRPORT,CURACAO 72649 JUL 2003 4451N 09334W OB 2									<b>S AMERICA - BRAZIL</b> MANAUS (AEROPORTO) 72747 JUL 2003 4834N 09323W OB 3								
030	23952	2	-55.5						030	23980	6	-54.7		7	92	92	25	030	23944	2	-55.3	26.2	4	98	95	28
050	20757	1	-64.6						050	20776	2	-63.4		2	91	91	17	050	20759	0	-64.7	22.3	0	81	88	9
100	16627	1	-74.7						100	16630	1	-74.3		1	34	69	3	100	16621	0	-75.5	15.7	0	46	106	3
150	14237	1	-67.3						150	14240	1	-67.0		0	58	304	7	150	14239	0	-66.8	16.3	0	88	287	11
200	12452	1	-54.0						200	12450	1	-53.6		0	31	288	3	200	12445	0	-53.3	17.9	1	50	312	6
300	9717	1	-31.3	6.2					300	9724	1	-31.5	11.3	2	44	114	4	300	9707	0	-31.3	21.3	0	29	87	3
500	5898	0	-5.2	14.4					500	5886	1	-5.6	10.1	1	77	105	8	500	5885	0	-6.1	19.9	0	99	74	11
700	3185	0	9.1	5.2					700	3178	1	9.9	9.8	1	93	104	13	700	3177	0	8.1	6.1	0	99	89	9
850	1548	0	17.3	.2					850	1538	0	18.2	3.7	2	98	106	12	850	1544	0	17.4	2.6	0	93	110	9
1014	* 15		26.8	2.4					1008	* 62		26.6	3.2					1005	* 84		25.7	2.0				
<b>S AMERICA - BRAZIL</b> FORTALEZA 72764 JUL 2003 4646N 10045W OB 3									<b>S AMERICA - BRAZIL</b> NATAL (AEROPORTO) 72649 JUL 2003 4451N 09334W OB 2									<b>S AMERICA - BRAZIL</b> FLORIANO 72747 JUL 2003 4834N 09323W OB 3								
030	23819	11	-56.6		9	99	90	28	030	23965	14	-51.4	25.9	9	98	93	26	030								
050	20656	3	-64.6		6	65	80	7	050	20758	13	-63.8	22.7					050	20674	4	-65.4		4	71	93	6
100	16564	2	-77.1		5	50	91	4	100	16627	9	-76.3	10.2	9	13	219	1	100	16576	0	-76.9		0	33	52	2
150	14195	1	-67.9		4	68	274	8	150	14236	9	-66.7	18.6	9	86	276	13	150	14200	0	-68.2		1	83	267	13
200	12409	0	-54.4		1	52	262	7	200	12441	9	-53.5	21.8	9	63	288	8	200	12417	0	-54.8		2	68	259	10
300	9685	0	-30.1	28.5	1	37	37	4	300	9709	9	-32.2	25.0	9	33	330	4	300	9695	0	-32.7	28.5	2	17	197	2
500	5875	0	-5.7	35.0	1	95	95	10	500	5892	9	-4.9	33.7	9	88	94	7	500	5886	0	-4.9	35.5	2	84	94	8
700	3168	0	9.0	17.2	1	87	82	7	700	3179	9	9.0	14.8	9	73	96	4	700	3177	0	8.8	17.7	2	75	105	5
850	1539	0	15.5	7.1	1	98	131	11	850	1550	8	15.3	4.2	9	99	129	11	850	1547	0	17.1	10.4	1	93	108	8
1013	* 26		26.2	4.6					1013	* 52		27.2	3.5					1002	* 123		26.6	8.9				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
S AMERICA - BRAZIL CAROLINA 72764 JUL 2003 4646N 10045W OB 3									S AMERICA - BRAZIL RECIFE (CURADO) 72649 JUL 2003 4451N 09334W OB 2									S AMERICA - PERU LIMA-CALLAO/AEROP. INTERNACI 72747 JUL 2003 4834N 09323W OB 3									
030									030	23845				8	98	91	24	030	23958	23	-55.9			9	99	85	17
050	20710	9	-65.4		9	63	113	5	050	20673	3	-65.0		5	46	84	3	050	20740	19	-60.6			9	28	166	2
100	16598	4	-76.9		7	7	20	1	100	16576	2	-77.0		5	50	264	3	100	16573	18	-73.6			9	80	278	11
150	14225	1	-67.5		5	85	256	14	150	14196	0	-67.5		5	86	278	12	150	14155	17	-66.5			9	88	272	18
200	12441	0	-54.6		3	82	258	12	200	12413	0	-54.9		4	67	278	8	200	12343	17	-54.2			9	79	271	17
300	9715	8	-32.5		4	40	207	4	300	9693	0	-33.0	29.4	6	53	310	5	300	9642	15	-32.4	31.9		9	83	271	12
500	5903	0	-4.4	38.3	2	85	91	9	500	5886	0	-5.0	43.7	5	76	98	7	500	5858	12	-7.0	30.6		9	66	336	4
700	3188	0	8.9	17.2	2	67	78	4	700	3174	0	8.9	23.3	4	50	89	3	700	3142	12	11.1	33.4		9	55	143	3
850	1558	0	18.4	10.9	2	96	102	8	850	1547	0	14.6	5.5	2	93	137	9	850	1505	11	17.5	24.4		9	40	335	2
995	* 192		23.6	5.5					1016	* 7		25.9	12.8					1014	* 13		15.7	1.9					
S AMERICA - CHILE ANTOFAGASTA 72764 JUL 2003 4646N 10045W OB 3									S AMERICA - CHILE ISLA DE PASCUA 72649 JUL 2003 4451N 09334W OB 2									S AMERICA - CHILE PUNTA ARENAS 72747 JUL 2003 4834N 09323W OB 3									
030	23859	2	-55.2	32.3					030	23886	1	-55.5	31.1					030									
050	20633	2	-59.8	30.9					050	20657	1	-60.1	29.5					050									
100	16447	0	-69.4						100	16438	0	-68.6						100	15672	5	-61.0	27.5					
150	14002	0	-63.9	26.2					150	13983	0	-63.0	20.8					150	13144	1	-58.9	23.8	1	92	265	30	
200	12208	0	-56.1	23.3	3	89	278	31	200	12190	0	-57.0	15.7	4	83	267	24	200	11355	0	-62.0	16.8	2	84	267	31	
300	9534	0	-38.8	21.2	5	83	277	24	300	9524	0	-38.9	13.5	4	83	266	20	300	8810	0	-52.4	12.2	1	80	273	30	
500	5817	0	-10.4	32.7	2	78	282	12	500	5806	0	-10.7	19.7	2	83	280	12	500	5323	0	-27.0	13.0	1	86	271	23	
700	3136	0	8.0		0	71	319	4	700	3140	0	4.3	19.4	2	52	305	4	700	2810	0	-10.5	12.8	1	91	257	21	
850	1507	0	17.8	34.8	1	58	45	2	850	1540	0	10.0	8.7	2	34	359	3	850	1297	0	-2.3	6.4	0	90	264	17	
1003	* 140		12.3	3.1					1015	* 69		19.6	5.8					1004	* 43		3.6	4.5					
S AMERICA - ARGENTINA CORDOBA AERO 72764 JUL 2003 4646N 10045W OB 3									S AMERICA - ARGENTINA EZEIZA AERO 72649 JUL 2003 4451N 09334W OB 2									S AMERICA - ARGENTINA SANTA ROSA AERO 72747 JUL 2003 4834N 09323W OB 3									
030	23761	4	-56.9	31.9	7	96	272	15	030	23732	5	-59.2		9	96	265	16	030	23724					9	96	267	19
050	20565	3	-61.5	29.4	7	96	263	11	050	20537	1	-60.8		3	96	265	15	050	20518	5	-60.9			5	66	262	18
100	16315	3	-65.3	25.2	5	96	273	25	100	16253	1	-61.8		4	97	270	24	100	16213	1	-60.9			2	98	270	26
150	13813	3	-61.3	23.9	5	95	275	34	150	13727	0	-58.3		4	96	270	36	150	13648	1	-57.4			2	96	274	31
200	12006	1	-56.9	19.2	4	91	275	35	200	11919	0	-56.7		5	93	280	38	200	11803	1	-56.7			2	90	273	34
300	9373				3	87	276	29	300	9285	0	-44.6	15.4	7	86	270	30	300	9204	1	-45.7	13.7	1	77	281	28	
500	5730	0	-15.5	19.5	4	87	273	18	500	5672	0	-18.4	16.9	8	89	285	20	500	5644	1	-20.0	12.2	1	79	294	18	
700	3098	0	2.4	24.8	5	65	277	7	700	3077	0	-2.0	19.9	6	70	280	9	700	3059	0	-2.6	18.1	1	74	275	11	
850	1514	0	7.5	14.5	8	39	312	3	850	1511	0	5.8	18.0	8	51	260	5	850	1498	0	4.2	12.1	1	55	262	6	
964	* 474		6.0	4.9					1019	* 20		5.6	1.5					997	* 191		2.1	3.7					

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>S AMERICA - UK FALKLAND ISLANDS</b> MOUNT PLEASANT AIRPORT 72764 JUL 2003 4646N 10045W OB 3									<b>ANTARCTICA - UNITED KINGDOM (ANTARCTIC)</b> HALLEY 72649 JUL 2003 4451N 09334W OB 2									<b>ANTARCTICA - USSR (ANTARCTIC)</b> MIRNYJ 72747 JUL 2003 4834N 09323W OB 3									
030	23071	2	-68.8	20.2	2	98	265	49	030	21171	10	-90.8	7.7	9	95	256	21	030	21904	17	-77.7	6.1	9	98	286	54	
050	19986	2	-65.2	21.0	2	97	263	42	050	18427	5	-88.6	7.7	9	96	251	17	050	18917	9	-77.1	5.2	9	96	284	37	
100	15719	2	-60.8	20.3	2	96	263	32	100	14607	3	-81.4	8.1	6	93	243	14	100	14877	1	-73.4	5.2	1	92	283	21	
150	13179	0	-58.5	17.3	0	93	262	27	150	12298	3	-76.0	8.5	5	91	236	13	150	12485	1	-69.9	5.4	1	81	280	14	
200	11384	0	-60.8	12.5	0	86	258	27	200	10626	3	-72.8	8.8	4	88	230	14	200	10765	1	-68.5	5.5	1	66	278	10	
300	8829	0	-52.4	9.7	0	77	256	24	300	8196	3	-62.4	9.4	4	76	220	12	300	8295	1	-59.6	6.1	1	41	269	6	
500	5342	0	-27.1	11.5	0	80	261	19	500	4885	3	-40.4	12.1	4	63	215	9	500	4937	1	-37.0	7.6	1	18	246	2	
700	2835	0	-10.7	10.3	0	81	258	14	700	2521	3	-26.6	13.9	3	34	197	3	700	2527	1	-21.7	7.6	1	26	116	3	
850	1316	0	-1.6	6.6	0	82	254	13	850	1106	3	-23.3	8.3	3	53	65	4	850	1084	1	-19.9	5.5	1	90	97	10	
991	* 73		3.7	2.4					985	* 30		-34.2	3.8					978	* 30		-20.4	3.6					
<b>ANTARCTICA - GERMANY (ANTARCTIC)</b> NEUMAYER 72764 JUL 2003 4646N 10045W OB 3									<b>ANTARCTICA - JAPAN (ANTARCTIC)</b> SYOWA 72649 JUL 2003 4451N 09334W OB 2									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> MAWSON 72747 JUL 2003 4834N 09323W OB 3									
030	21308	3	-88.9	6.9	9	94	261	29	030	21341	1	-87.1		1	96	271	34	030									
050	18540	3	-86.7	7.2	8	94	256	25	050	18550	1	-85.3		1	95	270	27	050									
100	14649	1	-79.8	8.3	8	90	256	17	100	14667	0	-78.8		0	93	268	19	100	14708	7	-77.2		7	90	272	21	
150	12322	0	-74.2	9.6	8	89	247	15	150	12331	0	-73.8		0	87	271	14	150	12359	3	-73.1		3	90	273	16	
200	10633	0	-71.0	9.7	5	81	247	13	200	10642	0	-71.3		0	84	275	13	200	10666	3	-71.5	14.1	4	80	270	13	
300	8192	0	-62.2	9.8	1	62	244	11	300	8203	0	-62.2		0	60	284	10	300	8235	3	-63.0	11.9	4	67	273	11	
500	4886	0	-40.5	8.7	0	30	243	4	500	4894	0	-41.0		1	36	315	5	500	4928	3	-39.5	12.4	3	60	276	7	
700	2517	0	-25.8	8.6	0	10	94	1	700	2531	0	-26.1	9.3	0	35	34	3	700	2549	3	-24.3	12.4	4	14	261	1	
850	1096	0	-21.4	4.1	0	57	78	7	850	1106	0	-19.0	5.6	1	79	42	8	850	1124	3	-22.1	11.7	4	72	113	5	
982	* 50		-24.0	3.0					983	* 21		-16.7	3.4					9999	* 16								
<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> DAVIS 72764 JUL 2003 4646N 10045W OB 3									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> CASEY 72649 JUL 2003 4451N 09334W OB 2									<b>ANTARCTICA - FRANCE (ANTARCTIC)</b> DUMONT D'URVILLE 72747 JUL 2003 4834N 09323W OB 3									
030	21436	5	-85.0		9	96	281	39	030									030									
050	18602	0	-83.5	13.4	4	95	281	29	050									050									
100	14704	0	-78.1	12.8	5	93	282	18	100	14884	8	-72.6	15.6	9	96	285	28	100	14987	7	-70.8		9	94	276	35	
150	12367	0	-74.3	12.3	4	88	279	13	150	12472	5	-69.2	15.0	6	92	290	21	150	12575	1	-68.0		4	93	280	27	
200	10684	0	-72.9	11.1	3	77	277	11	200	10745	5	-67.1	13.8	6	88	292	16	200	10834	0	-66.1		3	89	281	24	
300	8262	0	-62.9	10.0	3	70	286	9	300	8268	4	-59.5	12.4	6	71	304	12	300	8352	0	-59.1		4	82	281	22	
500	4941	0	-38.4	12.8	2	29	279	3	500	4918	4	-37.7	10.1	5	47	312	7	500	4981	0	-35.8	8.4	6	81	274	13	
700	2550	0	-23.0	14.9	1	12	78	1	700	2521	4	-22.7	9.7	5	22	323	2	700	2606	0	-22.1	7.4	5	45	273	5	
850	1118	0	-20.3	11.0	1	77	48	8	850	1074	3	-17.1	5.5	3	64	51	6	850	1201	1	-19.2	9.4	7	50	106	5	
9999	* 13								9999	* 42								984	* 43		-16.2	6.1					

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 JUL 2003 0518N 10016E OB 3									SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 JUL 2003 0610N 10217E OB 3									SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 JUL 2003 0122N 10359E OB 3									
030	23830	10	-56.6	30.0	9	99	89	34	030	23828	0	-56.6	31.7	1	99	89	33	030	23794	2	-57.7	29.7	2	99	90	31	
050	20668	7	-65.7	23.3	7	94	86	11	050	20663	0	-65.5	25.7	1	96	90	13	050	20645	2	-66.1	24.3	2	47	85	3	
100	16571	0	-77.7	12.7	0	96	85	20	100	16568	0	-77.7	13.3	1	95	84	19	100	16549	1	-76.8	12.1	2	63	79	7	
150	14224	0	-68.4	11.6	0	96	71	21	150	14223	0	-68.5	12.1	1	94	74	19	150	14202	0	-68.5	11.7	0	94	70	16	
200	12438	0	-53.4	10.2	0	94	65	15	200	12438	0	-53.4	10.9	1	92	67	14	200	12418	0	-53.7	10.9	0	94	63	15	
300	9691	0	-30.2	8.9	0	85	75	8	300	9692	0	-30.2	9.8	1	89	75	8	300	9676	0	-30.7	9.1	0	90	80	9	
500	5860	0	-5.4	5.5	0	43	112	2	500	5862	0	-5.5	5.7	1	43	125	3	500	5851	0	-6.0	4.6	0	29	107	2	
700	3142	0	9.5	6.9	0	71	284	5	700	3144	0	9.5	6.2	1	64	284	4	700	3136	0	9.4	7.7	0	48	270	3	
850	1502	0	18.6	7.4	0	60	266	3	850	1503	0	18.7	6.0	1	82	280	5	850	1498	0	18.1	5.7	0	64	215	3	
9999	* 4								9999	* 5									1008	* 16		27.7	3.0				
SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 91285 JUL 2003 1943N 15504W OB 2									SW PACIFIC - NEW CALEDONIA NOUMEA (NILE-CALEDONIE) 91592 JUL 2003 2216S 16627E OB /									SW PACIFIC - TUVALU (NEW ZEALAND) FUNAFUTI 91643 JUL 2003 0831S 17913E OB 3									
030	23945	2	-55.0	11.3	2	99	89	23	030	23878	3	-54.6		8	38	318	3	030	23880	0	-56.4						
050	20737	2	-62.6	9.2	2	99	86	18	050	20654	2	-61.2		6	60	277	3	050	20700	0	-63.4						
100	16576	1	-72.9	7.5	1	50	194	3	100	16510	0	-75.6		5	95	268	20	100	16600								
150	14171	1	-66.0	8.4	1	90	264	17	150	14118	0	-65.9		4	96	269	33	150	14250	0	-68.0						
200	12383	1	-55.1	9.8	1	89	265	16	200	12320	0	-52.9		2	94	271	37	200	12460	0	-53.1						
300	9670	0	-33.8	13.4	1	87	255	10	300	9587	0	-32.7	26.4	1	88	270	35	300	9713	1	-29.4	46.3					
500	5875	0	-5.2	27.8	1	16	105	1	500	5810	0	-8.4	29.4	1	82	275	19	500	5880	0	-4.9	18.7					
700	3166	0	8.1	19.7	1	77	93	5	700	3132	0	5.3	33.0	1	62	273	7	700	3156	0	10.6	3.9					
850	1544	0	14.0	2.0	1	79	72	4	850	1535	0	9.2	3.7	1	40	84	3	850	1515	0	18.2	12.8					
1016	* 11		22.5	2.5					1012	* 72		21.3	6.8					1010	* 2		29.7	25.7					
SW PACIFIC - FIJI NANDI 91680 JUL 2003 1745S 17727E OB 3									SW PACIFIC - SAMOA (USA) PAGO PAGO/INT. AIRPORT 91765 JUL 2003 1420S 17043W OB 2									SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 JUL 2003 0948S 13902W OB 3									
030	23984	14	-54.2						030	23886	4	-55.5	18.6	4	97	93	12	030	23824	2	-57.0		4	97	89	19	
050	20741	6	-59.9						050	20681	4	-62.3	13.1	4	70	89	3	050	20646	0	-64.3		0	44	79	2	
100	16606	2	-77.0	17.3	3	90	273	12	100	16583	5	-79.1	7.3	5	53	278	3	100	16550	0	-77.5		0	65	247	6	
150	14229	2	-66.6	18.2	3	93	266	21	150	14227	5	-67.6	9.5	5	82	256	9	150	14188	0	-67.4		0	83	256	10	
200	12431	2	-52.6	21.9	3	93	269	23	200	12436	5	-53.5	12.6	5	84	256	10	200	12402	0	-53.7		0	77	257	12	
300	9690	2	-31.1	27.8	2	90	265	20	300	9701	5	-31.3	17.2	6	81	258	9	300	9672	0	-32.2	25.9	0	48	266	7	
500	5870	2	-5.7	24.7	2	88	283	12	500	5881	5	-5.4	19.7	5	14	1	1	500	5860	0	-4.9	33.7	0	64	106	5	
700	3160	1	9.4	19.5	2	68	306	5	700	3161	5	10.1	12.9	5	73	70	4	700	3138	0	10.3	30.6	0	67	89	4	
850	1529	1	15.4	7.2	2	46	94	2	850	1522	5	16.8	3.2	5	86	84	7	850	1507	0	15.4	3.3	0	92	98	6	
1014	* 25		26.7	7.7					1012	* 3		26.2	2.2					1006	* 52		28.2	5.8					

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 JUL 2003 1733S 14937W OB 2									SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 JUL 2003 2308S 13458W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 JUL 2003 2321S 14929W OB								
030	23866	5	-55.9		8	69	77	5	030	23872	9	-54.4		9	60	293	5	030	23871	3	-55.7		3	62	290	4
050	20657	0	-61.3		8	44	292	2	050	20646	1	-61.0		1	83	270	5	050	20651	1	-61.3		2	73	272	4
100	16545	0	-77.2		0	80	259	8	100	16485	0	-72.8		0	88	256	15	100	16501	0	-74.3		0	94	265	17
150	14177	0	-67.1		0	88	250	15	150	14078	0	-65.4		0	91	256	26	150	14100	0	-65.5		0	95	262	29
200	12388	0	-53.5		0	84	241	16	200	12287	0	-54.8		0	85	250	26	200	12306	0	-54.2		0	91	257	31
300	9659	0	-33.2	21.3	0	65	244	10	300	9587	0	-36.2	15.3	0	72	253	20	300	9596	0	-35.0	16.3	0	87	265	25
500	5869	0	-6.7	25.2	0	24	283	3	500	5836	0	-8.8	21.1	0	64	265	11	500	5840	0	-8.6	21.8	0	85	281	15
700	3162	0	9.3	21.8	0	15	60	1	700	3146	0	6.8	21.7	0	39	262	4	700	3151	0	7.0	29.6	0	63	302	6
850	1528	0	15.9	4.7	0	73	64	4	850	1536	0	11.6	5.3	0	12	101	1	850	1537	0	12.5	8.0	1	29	28	2
1014	* 2		27.9	6.5					1008	* 89		21.7	4.1					1018	* 3		23.4	5.4				
SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 JUL 2003 2737S 14420W OB 3									SW PACIFIC - NEW ZEALAND WHENUAPIA 93112 JUL 2003 3678S 17463E OB 1									SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 JUL 2003 4054S 17459E OB 1								
030	23844	10	-55.9		9	43	292	3	030	23837	6	-54.5		6	62	275	7	030								
050	20635	10	-61.3						050	20582	5	-56.7		5	88	267	9	050	20514	12	-56.3					
100	16447	10	-71.2						100	16191	0	-56.2		1	97	272	22	100	16087	1	-54.1		2	97	269	20
150	14011	10	-62.3						150	13595	0	-52.3		1	97	270	29	150	13473	0	-52.1		1	97	268	21
200	12189	6	-54.1		7	91	256	38	200	11726	0	-50.8		0	95	266	30	200	11614	0	-53.8		1	92	266	18
300	9503	3	-38.3		4	90	263	31	300	9094	0	-49.4		1	74	268	17	300	9032	0	-52.6		1	55	271	10
500	5789	1	-11.9	22.6	1	90	273	18	500	5572	0	-24.4	15.4	1	58	262	7	500	5541	0	-25.6	16.4	1	51	252	7
700	3131	0	3.4	21.3	1	67	267	7	700	3030	0	-6.3	20.9	1	46	255	5	700	3008	0	-7.3	21.2	1	44	256	5
850	1534	0	9.4	8.6	1	13	302	1	850	1487	0	1.3	6.9	1	22	271	2	850	1471	0	.3	8.9	2	28	254	3
1020	* 2		20.3	6.3					1015	* 27		12.2	3.6					1017	* 12		10.2	4.4				
SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 JUL 2003 4625S 16819W OB 1									SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 JUL 2003 4357S 17634W OB 1									SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 JUL 2003 2915S 17755W OB 1								
030									030	23718	6	-56.9		6	93	269	22	030	23897	2	-55.2		4	26	311	2
050	20410	5	-55.8		3	97	267	24	050	20464	3	-55.1		4	97	269	21	050	20663	1	-59.1		2	81	279	7
100	15980	1	-53.9		0	97	263	21	100	16030	0	-53.2		1	96	272	20	100	16395	0	-65.5		2	98	277	28
150	13367	0	-53.1		0	93	261	18	150	13413	0	-52.4		0	95	274	19	150	13902	0	-59.1		2	97	273	47
200	11523	0	-56.1		0	82	264	16	200	11556	0	-54.1		0	89	273	16	200	12068	0	-51.6		1	97	276	59
300	8958	0	-53.5		0	62	262	13	300	8978	0	-52.6		0	59	270	12	300	9363	0	-38.3	26.4	1	94	276	52
500	5485	0	-27.4	13.3	0	60	261	10	500	5489	0	-26.0	15.2	0	60	255	9	500	5698	0	-16.6	27.8	1	92	277	25
700	2973	0	-9.6	12.1	0	68	262	9	700	2968	0	-9.1	18.1	0	50	236	6	700	3096	0	-1.6	17.3	2	73	266	9
850	1447	0	-.6	7.1	0	72	275	9	850	1442	0	-1.2	9.0	0	46	254	5	850	1528	0	5.5	6.3	3	43	268	5
1016	* 4		5.4	2.2					1010	* 48		8.5	4.1					1015	* 49		18.3	6.4				

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>SW PACIFIC - AUSTRALIA</b> <b>DARWIN AIRPORT</b> 94120 JUL 2003 1225S 13053E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>GOVE AIRPORT</b> 94150 JUL 2003 1217S 13649E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>BROOME AIRPORT</b> 94203 JUL 2003 1757S 12214E OB /								
030	23863	0	-57.3	31.6	0	99	85	16	030	23866	1	-57.1	31.7	1	98	88	16	030	23878	0	-55.9	31.9	0	87	83	7
050	20667	0	-61.8	30.3	0	78	112	5	050	20674	1	-61.6	30.4	1	73	99	5	050	20667	0	-61.5	29.3	0	43	157	2
100	16577	0	-79.3	14.4	0	43	119	4	100	16583	1	-79.3	13.9	1	37	122	3	100	16576	0	-78.4	14.9	0	64	268	7
150	14231	0	-67.9	16.2	0	42	331	4	150	14235	1	-68.0	15.0	1	36	295	3	150	14211	0	-67.0	17.0	0	83	283	15
200	12443	0	-53.6	19.4	0	62	331	6	200	12447	0	-53.5	17.1	0	64	340	6	200	12419	0	-52.9	21.0	0	87	285	16
300	9703	0	-30.8	28.6	0	36	317	3	300	9706	0	-30.5	25.3	0	30	343	2	300	9675	0	-31.0	31.0	0	84	286	15
500	5878	0	-4.8	31.7	0	23	154	2	500	5878	0	-4.9	30.3	0	26	138	2	500	5863	0	-6.2	32.1	0	65	271	8
700	3157	0	10.2	31.2	0	25	119	2	700	3156	0	10.5	27.3	0	31	94	2	700	3157	0	8.8	37.6	0	40	246	3
850	1530	0	14.7	9.9	1	93	109	8	850	1526	0	15.0	7.4	0	93	99	9	850	1539	0	15.4	19.9	0	57	88	4
9999	* 31								9999	* 54								9999	* 7							
<b>SW PACIFIC - AUSTRALIA</b> <b>TOWNSVILLE AERO</b> 94294 JUL 2003 1915S 14645E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>WILLIS ISLAND</b> 94299 JUL 2003 1618S 14959E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>PORT HEDLAND PARDOO</b> 94312 JUL 2003 2022S 11838E OB /								
030	23916	2	-54.8	32.4	3	60	65	4	030	23898	1	-56.1	32.0	1	95	80	9	030	23872	0	-55.5	31.8	0	59	89	4
050	20691	2	-60.9	30.6	3	47	283	3	050	20681	1	-60.6	30.7	1		141	0	050	20660	0	-61.8	29.3	0	36	149	2
100	16576	1	-77.8	16.9	2	89	259	11	100	16579	1	-78.5	15.9	1	69	251	7	100	16556	0	-76.8	16.5	0	85	269	12
150	14206	1	-66.6	20.4	1	96	262	20	150	14223	0	-67.7	18.8	0	92	271	12	150	14178	0	-66.5	18.5	0	90	277	22
200	12411	1	-53.1	24.4	1	93	272	22	200	12433	0	-53.3	22.9	0	88	286	14	200	12384	0	-53.0	22.5	0	89	280	24
300	9671	1	-31.4	31.8	2	96	266	23	300	9693	0	-31.2	30.0	1	88	265	14	300	9643	0	-31.6	30.8	0	90	281	21
500	5859	1	-6.0	39.1	2	73	262	11	500	5873	0	-4.9	37.0	0	66	272	7	500	5846	0	-7.8	27.8	0	79	272	12
700	3156	1	8.0	42.7	1	19	224	2	700	3155	0	10.1	33.1	0	23	241	2	700	3153	0	7.4	34.2	0	53	264	4
850	1546	1	10.7	8.8	1	72	93	6	850	1535	0	12.5	4.9	0	85	114	7	850	1543	0	14.1	23.2	0	68	82	4
9999	* 9								9999	* 6								9999	* 9							
<b>SW PACIFIC - AUSTRALIA</b> <b>ALICE SPRINGS AERO</b> 94326 JUL 2003 2348S 13353E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>MT ISA AERO</b> 94332 JUL 2003 2041S 13929E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>GERALDTON AIRPORT</b> 94403 JUL 2003 2848S 11442E OB /								
030	23900	1	-55.1	32.3	2	36	137	2	030	23881	0	-55.4	32.2	2	34	26	2	030	23869	4	-54.9	32.4	5	68	260	5
050	20680	1	-60.7	30.6	1	39	218	2	050	20672	0	-61.2	30.2	2	32	289	2	050	20642	3	-60.2	29.9	3	94	253	7
100	16535	1	-75.0	19.1	1	96	270	21	100	16562	0	-77.8	18.2	2	86	267	13	100	16429	2	-68.6	24.8	1	96	265	27
150	14136	0	-65.1	22.0	0	96	271	34	150	14189	0	-66.8	21.7	3	96	265	23	150	13965	2	-60.8	26.4	0	96	269	42
200	12335	0	-52.8	24.4	0	95	270	38	200	12394	0	-53.0	25.6	3	95	270	25	200	12139	2	-51.8	29.0	0	93	269	46
300	9597	0	-32.2	30.5	0	95	273	36	300	9658	0	-31.8	32.2	3	96	270	25	300	9433	2	-38.4	26.6	0	93	266	39
500	5820	0	-9.4	35.7	0	89	264	18	500	5853	0	-6.7	38.3	0	80	265	13	500	5750	2	-14.5	31.8	0	86	261	19
700	3152	0	4.7	41.5	0	54	252	4	700	3158	0	7.0	43.3	1	33	239	3	700	3119	2	2.3	35.4	1	67	263	8
850	1556	0	8.7	15.7	0	38	152	3	850	1549	0	11.8	22.3	1	42	90	3	850	1535	2	7.3	14.3	1	48	267	4
9999	* 546								9999	* 340								9999	* 33							

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>SW PACIFIC - AUSTRALIA</b> MEEKATHARRA AIRPORT 94430 JUL 2003 2637S 11833E OB 2									<b>SW PACIFIC - AUSTRALIA</b> GILES 94461 JUL 2003 2502S 12817E OB /									<b>SW PACIFIC - AUSTRALIA</b> PERTH AIRPORT 94610 JUL 2003 3156S 11558E OB /								
030	23885	2	-54.2	30.2	4	10	306	1	030	23894	2	-55.2	32.3					030	23839	1	-55.0	31.5				
050	20657	2	-61.3	27.9	3	78	236	5	050	20671	2	-60.5	30.7					050	20608	1	-59.2	30.3				
100	16477	1	-70.7	19.8	3	95	267	24	100	16511	1	-73.1	19.5	5	95	269	24	100	16335	0	-65.2	26.5	7	97	269	28
150	14047	1	-62.9	21.8	3	95	274	39	150	14098	0	-64.7	20.7	4	96	272	40	150	13829	0	-58.4	28.1	5	96	269	43
200	12227	0	-52.0	24.4	3	93	272	44	200	12294	0	-52.7	23.1	4	94	275	43	200	11992	0	-51.7	26.6	3	93	266	49
300	9502	0	-35.3	25.5	2	93	271	40	300	9561	0	-33.2	29.0	2	94	275	39	300	9310	0	-41.6	21.8	4	89	265	37
500	5778	0	-12.6	31.4	1	90	270	19	500	5805	0	-10.6	31.6	2	90	268	19	500	5678	0	-17.8	25.4	3	87	265	21
700	3132	0	2.8	31.1	2	76	275	7	700	3146	0	3.5	37.3	0	63	261	5	700	3080	0	-1.5	25.1	3	74	270	11
850	1543	0	9.6	15.6	0	43	303	4	850	1554	0	10.2	19.0	0	9	328	1	850	1515	0	4.1	8.0	3	74	267	8
9999	* 517								9999	* 598								9999	* 31							
<b>SW PACIFIC - AUSTRALIA</b> EUCLA 94647 JUL 2003 3141S 12853E OB									<b>SW PACIFIC - AUSTRALIA</b> COBAR 94711 JUL 2003 3129S 14550E OB /									<b>SW PACIFIC - AUSTRALIA</b> SYDNEY AIRPORT 94767 JUL 2003 3356S 15110E OB								
030	23845	5	-55.5	29.0	7	70	267	6	030									030								
050	20617	3	-60.1	26.8	5	94	269	9	050	20632	7	-58.0	31.4	8	66	251	6	050								
100	16344	0	-64.9	23.1	2	96	268	29	100	16354	0	-63.9	28.7	3	96	265	27	100	16354	0	-63.9	28.7	3	96	265	27
150	13840	0	-58.5	23.7	2	96	269	49	150	13841	0	-58.2	28.4	3	97	266	44	150								
200	12005	0	-51.8	23.4	2	93	270	55	200	12003	0	-51.0	28.6	1	96	264	54	200	11388				6	92	265	40
300	9319	0	-41.2	19.2	2	92	269	44	300	9311	0	-41.5	22.9	1	94	263	42	300	8861				5	87	261	29
500	5688	0	-17.5	23.8	2	89	267	22	500	5694	0	-19.1	24.2	0	85	260	16	500	5486				5	78	262	13
700	3087	0	-1.5	22.5	2	83	270	12	700	3110	0	-3.0	23.4	0	71	271	7	700	3013				5	60	254	7
850	1523	0	5.2	9.2	2	66	263	7	850	1550	0	5.1	14.1	0	53	278	5	850	1519				7	52	266	5
9999	* 102								9999	* 264								9999	* 5							
<b>SW PACIFIC - AUSTRALIA</b> WILLIAMTOWN AERODROME 94776 JUL 2003 3248S 15150E OB /									<b>SW PACIFIC - AUSTRALIA</b> ALBANY AIRPORT 94802 JUL 2003 3456S 11748E OB /									<b>SW PACIFIC - AUSTRALIA</b> MOUNT GAMBIER AERO 94821 JUL 2003 3744S 14047E OB /								
030									030									030	23866	8	-53.9	32.6	7	72	276	11
050									050	20580	9	-58.8	29.8					050	20596	4	-56.2	31.9	3	90	270	12
100	16310	1	-61.9	29.4	1	96	264	26	100	16258	1	-60.7	28.3	9	98	266	28	100	16201	1	-56.9	31.8	1	97	272	25
150	13776	1	-56.6	29.6	0	96	264	41	150	13710	0	-55.3	29.3	2	95	265	41	150	13618	1	-53.7	31.8	0	96	267	33
200	11929	1	-51.0	29.2	0	94	262	47	200	11859	0	-51.9	26.0	1	94	262	47	200	11761	1	-52.5	28.1	0	95	267	37
300	9255	1	-43.7	21.0	0	90	259	36	300	9207	0	-45.2	17.1	0	86	265	34	300	9132	1	-48.1	16.6	0	84	266	28
500	5668	1	-20.8	19.9	0	83	264	14	500	5621	0	-20.3	18.8	0	84	265	21	500	5591	1	-23.1	17.4	0	76	275	15
700	3097	1	-4.1	20.6	0	68	262	7	700	3044	0	-3.2	22.2	0	81	266	13	700	3040	1	-5.5	20.0	0	69	289	10
850	1542	1	4.3	12.8	0	55	253	5	850	1488	0	3.3	6.1	0	76	269	10	850	1495	1	2.2	9.9	0	57	297	7
9999	* 8								9999	* 69								9999	* 69							

# UPPER AIR

# JULY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
SW PACIFIC - AUSTRALIA MELBOURNE AIRPORT 94866 JUL 2003 3740S 14451E OB									SW PACIFIC - AUSTRALIA WAGGA AIRPORT 94910 JUL 2003 3510S 14727E OB /									SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 JUL 2003 4250S 14729E OB /										
030	23817	4	-55.6	31.9	4	73	274	9	030	23854	2	-55.2	32.0	4	68	269	6	030	23761	1	-55.5	31.3	3	90	277	20		
050	20567	2	-56.9	31.0	2	86	276	10	050	20609	1	-58.0	31.0	4	85	268	8	050	20503	1	-54.8	31.4	3	96	273	18		
100	16189	0	-57.3	30.3	1	98	266	25	100	16260	0	-59.5	29.3	2	97	263	26	100	16079	0	-54.5	31.5	1	96	271	22		
150	13613	0	-53.9	30.8	1	95	266	31	150	13703	0	-54.7	30.0	0	96	267	35	150	13474	0	-52.7	31.8	1	90	267	22		
200	11756	0	-52.1	26.6	2	94	262	36	200	11848	0	-51.1	28.9	0	95	263	42	200	11618	0	-54.1	25.6	1	87	266	23		
300	9128	0	-48.4	15.0	2	86	260	27	300	9193	0	-45.9	18.4	0	89	261	32	300	9030	0	-51.8	15.4	1	63	275	15		
500	5595	0	-23.9	17.2	1	73	266	13	500	5633	0	-22.2	18.8	0	82	263	15	500	5531	0	-25.2	17.1	1	60	282	11		
700	3050	0	-6.1	17.0	1	63	275	8	700	3076	0	-5.5	16.8	0	65	277	8	700	2998	0	-7.1	14.1	1	66	283	9		
850	1506	0	2.3	9.2	1	67	282	8	850	1529	0	2.3	9.1	0	60	294	5	850	1459	0	1.1	9.0	1	67	281	9		
9999	* 132								9999	* 213									9999	* 27								
SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 JUL 2003 3132S 15904E OB /									SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 JUL 2003 2902S 16756E OB /									SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) MACQUARIE ISLAND 94998 JUL 2003 5429S 15856E OB 3										
030	23864	0	-54.6	31.2	3	7	316	1	030	23858	2	-55.7	30.7	8	23	28	2	030	23253	1	-62.1	27.7	3	98	273	47		
050	20625	0	-58.6	30.2	1	69	261	6	050	20633	2	-59.8	29.7	8	68	280	5	050	20079	1	-59.9	28.3	3	97	269	40		
100	16326	0	-62.5	29.6	0	98	267	26	100	16381	2	-66.3	25.6	3	96	273	27	100	15721	1	-56.9	28.8	3	96	268	31		
150	13802	0	-57.2	30.2	0	96	268	43	150	13892	2	-59.8	26.0	3	97	271	45	150	13148	1	-56.3	26.1	2	92	264	26		
200	11956	0	-50.6	31.0	0	94	265	50	200	12062	1	-51.6	26.0	2	94	271	56	200	11333	1	-59.7	17.2	3	87	262	24		
300	9274	0	-42.1	23.6	0	90	264	39	300	9359	1	-39.2	22.0	2	93	270	47	300	8801	1	-54.6	12.3	3	72	259	22		
500	5667	0	-19.9	22.6	0	82	257	16	500	5702	1	-17.4	22.4	3	88	261	19	500	5339	1	-28.0	11.1	3	75	263	19		
700	3089	0	-3.5	23.5	0	67	248	7	700	3103	1	-1.7	24.7	4	58	252	7	700	2837	1	-11.2	13.4	2	78	262	17		
850	1531	0	4.6	8.4	0	45	248	4	850	1536	1	5.4	5.2	3	40	221	4	850	1327	1	-4.4	5.6	2	83	266	15		
9999	* 6								9999	* 109									9999	* 6								
SW PACIFIC - BRUNEI DARUSSALAM BRUNEI AIRPORT 96315 JUL 2003 0456N 11456E OB 3									SW PACIFIC - MALAYSIA (SABAH & SARAWAK) KUCHING 96413 JUL 2003 0129N 11020E OB 3									SW PACIFIC - MALAYSIA (SABAH & SARAWAK) BINTULU 96441 JUL 2003 0312N 11302E OB 3										
030									030	23816	3	-57.4	30.1	3		91	31	030	23821	0	-57.1	29.8	0	99	90	32		
050									050	20661	0	-65.7	26.3	0	53	96	4	050	20666	0	-65.8	26.3	0	83	89	7		
100	16568	14	-78.0	12.4	9	78	80	11	100	16567	0	-77.3	13.8	0	81	81	10	100	16567	0	-77.6	14.4	0	82	85	11		
150	14216	3	-68.5	10.8	6	94	71	19	150	14218	0	-68.2	12.8	0	92	73	18	150	14218	0	-68.5	12.6	0	94	70	19		
200	12431	1	-53.4	9.7	5	95	68	14	200	12433	0	-53.6	10.9	0	93	63	15	200	12433	0	-53.6	11.2	0	93	67	14		
300	9684	0	-30.3	8.3	3	86	79	7	300	9690	0	-30.5	9.3	0	91	80	9	300	9689	0	-30.5	9.3	0	88	79	8		
500	5855	0	-5.6	5.5	3	46	103	3	500	5863	0	-5.8	5.5	0	64	94	4	500	5861	0	-5.7	5.4	0	53	105	3		
700	3138	0	9.4	7.4	4	41	252	3	700	3149	0	9.5	8.7	0	25	268	1	700	3145	0	9.5	7.9	0	33	254	2		
850	1499	0	18.2	5.8	3	67	256	4	850	1510	0	18.2	6.2	0	45	230	2	850	1505	0	18.4	6.9	0	63	251	3		
1004	* 15		26.9	3.0					9999	* 27								9999	* 5									



# UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps
<b>ASIA - INDIA</b> <b>NEW DELHI/SAFDARJUNG</b> 42182 JUN 2003 2835N 07712E OB 3									<b>ASIA - INDIA</b> <b>AHMADABAD</b> 42647 JUN 2003 2304N 07238E OB 3									<b>ASIA - INDIA</b> <b>MANGALORE/PANAMBUR</b> 43285 JUN 2003 1257N 07450E OB 3								
030									030									030								
050									050									050	20680	10	-64.3					
100	16709	2	-73.3		7	23	337	2	100	16874	10	-74.7						100	16618	4	-80.9					
150	14330		-58.9		1	65	270	5	150	14419	5	-60.9						150	14258	4	-66.6					
200	12498		-47.3			65	285	6	200	12575	2	-46.5						200	12458	4	-51.9					
300	9611		-26.2			73	303	6	300	9767	2	-25.2						300	9698	4	-29.0	8.4				
500	5774		-3.7	18.4		85	317	7	500	5880	1	-2.0	11.6					500	5856	3	-5.2	5.2				
700	3084		13.3	4.2		31	315	7	700	3125	1	14.8	10.5	1	56	311	3	700	3132		10.2	5.1	3	56	263	5
850	1419		26.2	10.8		54	300	3	850	1449	1	24.5	6.6	1	84	247	8	850	1486		18.9	3.2	1	84	271	7
965	* 216		32.5	10.3					993	* 55		33.3	9.9					1004	* 31		26.6	2.2				

# WMO PUB 9 VOL A

06030	C	AALBORG	DENMARK & FAROE IS.	31168	C	AJAN	RUSSIAN FEDERATION
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	38178	C	AK-BAJTAL	UZBEKISTAN
40831	C	ABADAN	IRAN, ISLAMIC REP	47582	CT	AKITA	JAPAN
47409	C	ABASHIRI	JAPAN	61437	C	AKJOUJT	MAURITANIA
07005	C	ABBEVILLE	FRANCE	35188	C	AKMOLA	KAZAKHSTAN
71108	C	ABBOTSFORD,B.C.	CANADA	38665	C	AKMOLLA	TURKMENISTAN
64756	C	ABECHE	CHAD	42933	C	AKOLA	INDIA
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	72521	C	AKRON/AKRON-CANTONREG., OH.	USA
72659	T	ABERDEEN/REG.,S.D.	USA	35229	CT	AKTJUBINSK	KAZAKHSTAN
03502	C	ABERPORTH	U KINGDOM	04063	C	AKUREYRI	ICELAND
41112	CT	ABHA	SAUDI ARABIA	04082	C	AKURNES	ICELAND
65578	CT	ABIDJAN	COTE D'IVOIRE	40420	C	AL AHSA	SAUDI ARABIA
72266	C	ABILENE/MUN.,TX.	USA	41218	C	AL AIN INTERNATIONALAIRPORT	U ARAB EMIRATES
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	41055	C	AL BAHA	SAUDI ARABIA
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	40373	C	AL QAYSUMAH	SAUDI ARABIA
62640	C	ABU HAMED	SUDAN	40361	C	AL-JOUF	SAUDI ARABIA
62795	C	ABU NA'AMA	SUDAN	98435	C	ALABAT	PHILIPPINES
78650	C	ACAJUTLA	EL SALVADOR	08280	C	ALBACETE/LOSLANOS	SPAIN
76805	C	ACAPULCO,GRO.	MEXICO	94802	CT	ALBANY AIRPORT	AUSTRALIA
80427	C	ACARIGUA	VENEZUELA	72365	C	ALBUQUERQUE/INT.,NM.	USA
17351	C	ADANA/BOLGE	TURKEY	31004	CT	ALDAN	RUSSIAN FEDERATION
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	07139	C	ALENCON	FRANCE
41480	C	ADEN	YEMEN	40007	CT	ALEPPO INT. AIRPORT	SYRIAN ARAB REP
65585	C	ADIAKE	COTE D'IVOIRE	71082	T	ALERT UA, N.W.T.	CANADA
60620	C	ADRAR	ALGERIA	16627	C	ALEXANDROUPOLIS(AIRPORT)	GREECE
76679	T	AEROP.INTERNACIONALMEXICO,	MEXICO	61997	C	ALFRED FAURE (ILES CROZET)	OCEAN ISLANDS
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	16520	C	ALGHERO	ITALY
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	16674	C	ALIARTOS	GREECE
86246	C	AEROPUERTOINT GUARANI	PARAGUAY	08359	C	ALICANTE	SPAIN
17190	C	AFYON	TURKEY	94326	CT	ALICE SPRINGS AERO	AUSTRALIA
61024	C	AGADEZ	NIGER	64662	C	ALINDAO	CENTRAL AFRICAN REP
60250	C	AGADIR	MOROCCO	42475	C	ALLAHABAD/BAMHRAULI	INDIA
60252	T	AGADIR AL MASSIRA	MOROCCO	72517	C	ALLEN TOWN/A.-BETHLEHEM-.,PA.	USA
61974	C	AGALEGA	MAURITIUS	36870	CT	ALMATY	KAZAKHSTAN
37893	C	AGDAM	AZERBAIJAN	08487	C	ALMERIA/AEROPUERTO	SPAIN
62055	C	AGEDBAIA	LIBYAN ARAB JAMAHIR	82965	T	ALTA FLORESTA (AEROPORTO)	BRAZIL
42261	C	AGRA	INDIA	44277	C	ALTAI	MONGOLIA
16672	C	AGRINION (AIRPORT)	GREECE	51076	C	ALTAY	CHINA
42647	CT	AHMADABAD	INDIA	26346	C	ALUKSNE	LATVIA
33998	C	AI-PETRI	UKRAINE	64754	C	AM-TIMAN	CHAD
47602	C	AIKAWA	JAPAN	97724	C	AMBON/PATTIMURA	INDONESIA
60560	C	AIN SEFRA	ALGERIA	98432	C	AMBULONG	PHILIPPINES
61499	C	AIOUN EL ATROUSS	MAURITANIA	40270	C	AMMAN AIRPORT	JORDAN
07761	CT	AJACCIO	FRANCE	97240	C	AMPENAN/SELAPARANG	INDONESIA

# WMO PUB 9 VOL A

42071	C	AMRITSAR	INDIA	44288	C	ARVAIHEER	MONGOLIA
25563	CT	ANADYR'	RUSSIAN FEDERATION	60452	C	ARZEW	ALGERIA
67019	C	ANALALAVA	MADAGASCAR	47407	C	ASAHIKAWA	JAPAN
16665	C	ANCHIALOS(AIRPORT)	GREECE	85175	C	ASCENIONDE GUARAYOS	BOLIVIA
70273	CT	ANCHORAGE/INT.	USA	72315	C	ASHEVILLE/MUN.,NC	USA
84331	C	ANDOAS	PERU	38880	CT	ASHGABAT	TURKMENISTAN
16682	C	ANDRAVIDA(AIRPORT)	GREECE	33915	C	ASKANIIA-NOVA	UKRAINE
91568	C	ANEITYUM	VANUATU	63021	CT	ASMARA	ERITREA
10291	C	ANGERMUENDE	GERMANY	62414	CT	ASSWAN	EGYPT
70383	C	ANGOON	USA	37989	C	ASTARA	AZERBAIJAN
70232	C	ANIAC	USA	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
17130	CT	ANKARA/CENTRAL	TURKEY	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
60360	C	ANNABA	ALGERIA	65376	C	ATAKPAME	TOGO
70398	C	ANNETTEISLAND	USA	84593	C	ATALAYA	PERU
84542	C	ANTA (HUARAZ)	PERU	61421	C	ATAR	MAURITANIA
84695	C	ANTABAMBA	PERU	62680	C	ATBARA	SUDAN
67025	C	ANTALAHA	MADAGASCAR	35078	C	ATBASAR	KAZAKHSTAN
17300	C	ANTALYA	TURKEY	17607	T	ATHALASSA	CYPRUS
67083	CT	ANTANANARIVO/IVATO	MADAGASCAR	16716	C	ATHINAI (AIRPORT)	GREECE
85442	CT	ANTOFAGASTA	CHILE	16701	C	ATHINAI (FILADELFIA)	GREECE
40718	C	ANZALI	IRAN, ISLAMIC REP	64751	C	ATI	CHAD
47575	C	AOMORI	JAPAN	72219	C	ATLANTA/MUN.,GA.	USA
72220	CT	APALACHICOLA/MUN.,FL.	USA	72407	C	ATLANTIC CITY, NJ.	USA
98232	C	APARRI	PHILIPPINES	91925	CT	ATUONA	FRENCH POLY.
80084	C	APARTADO/LOSCEDROS	COLOMBIA	35700	T	ATYRAY	KAZAKHSTAN
91762	C	APIA	SAMOA	93119	C	AUCKLANDAIRPORT	N ZEALAND
85151	C	APOLO	BOLIVIA	72218	C	AUGUSTA/BUSHFIELD, GA.	USA
83096	C	ARACAJU	BRAZIL	38334	C	AUL TYRARA RYSKULOVA	KAZAKHSTAN
35746	CT	ARALSKOEMORE	KAZAKHSTAN	74745	C	AUSTIN-BERGSTROMINTL, TX.	USA
48462	C	ARANYAPRATHET	THAILAND	72254	C	AUSTIN/ROBERTMUELLER., TX.	USA
40357	C	ARAR	SAUDI ARABIA	07265	C	AUXERRE	FRANCE
80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA	84673	C	AYACUCHO	PERU
83579	C	ARAXA	BRAZIL	87641	C	AZUL AERO	ARGENTINA
16687	C	ARAXOS (AIRPORT)	GREECE	87163	C	B.DE IRIGOYEN AERO	ARGENTINA
84752	C	AREQUIPA	PERU	08330	C	BADAJOZ/TALAVERALA REAL	SPAIN
22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION	41785	C	BADIN	PAKISTAN
85406	C	ARICA	CHILE	30554	C	BAGDARIN	RUSSIAN FEDERATION
60478	C	ARIS	ALGERIA	83980	C	BAGE	BRAZIL
10091	C	ARKONA	GERMANY	40650	CT	BAGHDAD	IRAQ
76840	C	ARRIAGA, CHIS.	MEXICO	71727	C	BAGOTVILLE, QUE.	CANADA
16654	C	ARTA (HALKIADES)	GREECE	98328	C	BAGUIO	PHILIPPINES
34510	C	ARTEMIVS'K	UKRAINE	41678	CT	BAHAWALNAGAR	PAKISTAN
10460	C	ARTERN	GERMANY	41700	C	BAHAWALPUR	PAKISTAN
86330	C	ARTIGAS	URUGUAY	87750	C	BAHIA BLANCA AERO	ARGENTINA

# WMO PUB 9 VOL A

86033	C	BAHIA NEGRA	PARAGUAY	89059	C	BASE BERNARDOO'HIGGINS	CHILE
41150	C	BAHRAIN (INT. AIRPORT)	BAHRAIN	88963	C	BASE ESPERANZA	ARGENTINA
71187	C	BAIE COMEAU, QUE.	CANADA	89053	C	BASE JUBANY	ARGENTINA
44265	C	BAITAG	MONGOLIA	89055	CT	BASE MARAMBIO (CENTROMET. A	ARGENTINA
38895	C	BAJRAMALY	TURKMENISTAN	88968	C	BASE ORCADAS	ARGENTINA
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	89066	C	BASE SAN MARTIN	ARGENTINA
41536	C	BALAKOT	PAKISTAN	40689	C	BASRAH	IRAQ
07299	C	BALE-MILHOUSE	FRANCE	07790	CT	BASTIA	FRANCE
98333	C	BALER	PHILIPPINES	64931	C	BATOURI	CAMEROON
35796	CT	BALHASH	KAZAKHSTAN	91557	CT	BAUERFIELD(EFATE)	VANUATU
96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA	44302	C	BAYAN-OVOO	MONGOLIA
85874	C	BALMACEDA	CHILE	44275	C	BAYANBULAG	MONGOLIA
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	44352	C	BAYANDELGER	MONGOLIA
61291	CT	BAMAKO/SENOU	MALI	44287	C	BAYANHONGOR	MONGOLIA
64660	C	BAMBARI	CENTRAL AFRICAN REP	60571	CT	BECHAR	ALGERIA
43295	C	BANGALORE	INDIA	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
64656	C	BANGASSOU	CENTRAL AFRICAN REP	54511	CT	BEIJING	CHINA
48455	CT	BANGKOK	THAILAND	67297	C	BEIRA	MOZAMBIQUE
64650	CT	BANGUI	CENTRAL AFRICAN REP	08562	C	BEJA	PORTUGAL
96685	C	BANJARMASIN/SYAMSUDDINNOOR	INDONESIA REP	60402	C	BEJAJIA	ALGERIA
61701	C	BANJUL/YUNDUM	GAMBIA	82191	C	BELEM	BRAZIL
41685	CT	BAR KHAN	PAKISTAN	82193	T	BELEM (AEROPORTO)	BRAZIL
82784	C	BARBALHA	BRAZIL	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
80419	C	BARCELONA	VENEZUELA	43198	C	BELGAUM/SAMBRA	INDIA
08181	C	BARCELONA/AEROPUERTO	SPAIN	78584	C	BELIZE/LANDIVAR	BELIZE
82113	C	BARCELOS	BRAZIL	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
60471	C	BARIKA	ALGERIA	89050	CT	BELLINGSHAUSEN	USSR
87765	C	BARILOCHEAERO	ARGENTINA	03976	C	BELMULLET	IRELAND
80440	C	BARINAS	VENEZUELA	83587	C	BELO HORIZONTE	BRAZIL
41950	C	BARISAL	BANGLADESH	82246	C	BELTERRA	BRAZIL
29838	C	BARNAUL	RUSSIAN FEDERATION	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
80410	C	BARQUISIMETO	VENEZUELA	60602	C	BENI ABBES	ALGERIA
82571	C	BARRA DO CORDA	BRAZIL	60518	C	BENI-SAF	ALGERIA
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	62053	CT	BENINA	LIBYAN ARAB JAMAHIR
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	82410	C	BENJAMIN CONSTANT	BRAZIL
83236	C	BARREIRAS	BRAZIL	13274	C	BEOGRAD	YUGOSLAVIA
70026	CT	BARROW/W.POST W. ROGERS	USA	13275	T	BEOGRAD/KOSUTNJAK	YUGOSLAVIA
44305	C	BARUUN-URT	MONGOLIA	64600	C	BERBERATI	CENTRAL AFRICAN REP
44241	C	BARUUNKHARAA	MONGOLIA	10238	T	BERGEN	GERMANY
44213	C	BARUUNTURUUN	MONGOLIA	01317	C	BERGEN/FLORIDA	NORWAY
98135	C	BASCO	PHILIPPINES	35376	C	BERLIK	KAZAKHSTAN
86011	C	BASE 5 "GRAL A.JARA"	PARAGUAY	10385	C	BERLIN-SCHOENEFELD	GERMANY
89057	C	BASE ARTUROPRAT	CHILE	10384	C	BERLIN-TEMPELHOF	GERMANY
89034	C	BASE BELGRANOII	ARGENTINA	85394	C	BERMEJO	BOLIVIA

# WMO PUB 9 VOL A

78016	T	BERMUDA NAVAL AIR STATION KI	BERMUDA	10161	C	BOLTENHAGEN	GERMANY
40179	CT	BET DAGAN	ISRAEL	83288	CT	BOM JESUS DA LAPA	BRAZIL
70219	C	BETHEL/BETHEL AIRPORT, AK.	USA	43057	C	BOMBAY/COLABA	INDIA
68461	CT	BETHLEHEM	SOUTH AFRICA	43003	T	BOMBAY/SANTACRUZ	INDIA
40100	CT	BEYROUTH(AEROPORT)	LEBANON	31253	C	BOMNAK	RUSSIAN FEDERATION
42971	CT	BHUBANESWAR	INDIA	71196	C	BONAVISTA,NFLD.	CANADA
97560	C	BIAK/MOKMER	INDONESIA	65545	C	BONDOUKOU	COTE D'IVOIRE
12295	C	BIALYSTOK	POLAND	61866	C	BONTHE	SIERRA LEONE
42165	C	BIKANER	INDIA	23884	C	BOR	RUSSIAN FEDERATION
72677	C	BILLINGS/LOGANINT., MT.	USA	91929	C	BORA-BORA	FRENCH POLY. ON
61017	C	BILMA	NIGER	07510	C	BORDEAUX/MERIGNAC	FRANCE
72515	C	BINGHAMTON/BROOME CO., NY.	USA	60444	C	BORDJ BOU ARRERIDJ	ALGERIA
96441	CT	BINTULU	MALAYSIA	60686	C	BORDJ B.MOKHTAR	ALGERIA
61401	C	BIR MOGHREIN	MAURITANIA	65516	C	BOROMO	BURKINA FASO
64658	C	BIRAO	CENTRAL AFRICAN REP	64610	C	BOSSANGOA	CENTRAL AFRICAN REP
61075	C	BIRNI-N' KONNI	NIGER	64605	C	BOSSEMBELE	CENTRAL AFRICAN REP
41084	C	BISHA	SAUDI ARABIA	72509	C	BOSTON/LOGANINT., MA	USA
60525	C	BISKRA	ALGERIA	60515	C	BOU-SAADA	ALGERIA
72764	CT	BISMARCK/MUN.,ND.	USA	65555	C	BOUAKE	COTE D'IVOIRE
61766	C	BISSAU (AEROPORTO INT. OSVAL)	GUINEA-BISSAU	64601	C	BOUAR	CENTRAL AFRICAN REP
15085	C	BISTRITA	ROMANIA	61296	C	BOUGOUNI	MALI
64510	C	BITAM	GABON	60417	C	BOUIRA	ALGERIA
01028	CT	BJORNOYA	NORWAY	07255	C	BOURGES	FRANCE
28766	C	BLACOVESCENSKA	KAZAKHSTAN	03862	C	BOURNEMOUTH AIRPORT	U KINGDOM
31510	CT	BLAGOVESCENSK	RUSSIAN FEDERATION	64705	C	BOUSSO	CHAD
71808	C	BLANC SABLON, QUE.	CANADA	61461	C	BOUTILIMIT	MAURITANIA
68442	CT	BLOEMFONTEIN AIRPORT	SOUTH AFRICA	08575	C	BRAGANCA	PORTUGAL
74492	C	BLUE HILL OBS., MA.	USA	71140	C	BRANDON, MAN.	CANADA
61881	C	BO	SIERRA LEONE	83377	C	BRASILIA	BRAZIL
82024	C	BOA VISTA	BRAZIL	83378	T	BRASILIA (AEROPORTO)	BRAZIL
65510	C	BOBO-DIOULASSO	BURKINA FASO	30309	C	BRATSK	RUSSIAN FEDERATION
01152	CT	BODO	NORWAY	64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO
64126	C	BOENDE	DEMO. REP THE CONG	07110	CT	BREST	FRANCE
80222	CT	BOGOTA/ELDORADO	COLOMBIA	64655	C	BRIA	CENTRAL AFRICAN REP
41883	CT	BOGRA	BANGLADESH	16320	CT	BRINDISI	ITALY
29282	C	BOGUCANY	RUSSIAN FEDERATION	11723	C	BRNO/TURANY	CZECH REP
65338	C	BOHICON	BENIN	71861	T	BROADVIEW,SASK.	CANADA
72681	C	BOISE/MUN.,ID.	USA	10453	C	BROCKEN	GERMANY
61816	C	BOKE	GUINEA	94203	CT	BROOME AIRPORT	AUSTRALIA
64708	C	BOKORO	CHAD	72250	C	BROWNSVILLE/INT.,TX.	USA
36428	C	BOL'SHE NARYMSKOE	KAZAKHSTAN	96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM
64702	C	BOL-BERIM	CHAD	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
61769	C	BOLAMA	GUINEA-BISSAU	15420	CT	BUCURESTI/IMH	ROMANIA
87640	C	BOLIVAR AERO	ARGENTINA	12843	CT	BUDAPEST/LORINC	HUNGARY

# WMO PUB 9 VOL A

80252	C	BUENAVENTURA	COLOMBIA	17112	C	CANAKKALE	TURKEY
87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA	84226	C	CANAR	ECUADOR
72528	C	BUFFALO/GREATERBUFFALO, NY.	USA	48808	C	CAO BANG	VIET NAM
38683	C	BUHARA	UZBEKISTAN	07661	C	CAP CEPET	FRANCE
64390	C	BUJUMBURA	BURUNDI	78409	C	CAP-HAITIEN	HAITI
64180	C	BUKAVU	DEMO. REP THE CONG	71910	C	CAPE DORSET, N.W.T.	CANADA
67964	CT	BULAWAYO(GOETZ OBSY.)	ZIMBABWE	71094	C	CAPE DYER, N.W.T.	CANADA
44239	C	BULGAN	MONGOLIA	72304	C	CAPE HATTERAS, NC.	USA
64076	C	BUNIA	DEMO. REP THE CONG	68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA
15655	C	BURGAS	BULGARIA	80416	C	CARACAS/LACARLOTA	VENEZUELA
71194	C	BURGEO, NFLD.	CANADA	80415	C	CARACAS/MAIQUETIAAEROP. INT	VENEZUELA
08075	C	BURGOS/VILLAFRIA	SPAIN	83592	C	CARATINGA	BRAZIL
72617	C	BURLINGTON/INTL, VT.	USA	83498	CT	CARAVELAS	BRAZIL
17116	C	BURSA	TURKEY	78922	C	CARAVELLE	MARTINIQUE
91565	C	BURTONFIELD(TANNA)	VANUATU	38439	C	CARDARA	KAZAKHSTAN
64034	C	BUTA	DEMO. REP THE CONG	72712	C	CARIBOU/MUN., ME.	USA
64384	C	BUTARE	RWANDA	66140	C	CARMONA	ANGOLA
98752	C	BUTUAN	PHILIPPINES	82765	CT	CAROLINA	BRAZIL
38403	C	BUZAUBAJ	UZBEKISTAN	86580	C	CARRASCO	URUGUAY
38755	C	BYGDAILI	TURKMENISTAN	80432	C	CARRIZAL	VENEZUELA
48914	C	CA MAU	VIET NAM	80022	C	CARTAGENA/RAFAELNUNEZ	COLOMBIA
98330	C	CABANATUAN	PHILIPPINES	78325	C	CASA BLANCA, LA HABANA	CUBA
08261	C	CACERES	SPAIN	60155	CT	CASABLANCA	MOROCCO
07027	C	CAEN	FRANCE	03967	C	CASEMENT AERODROME	IRELAND
83339	C	CAETITE	BRAZIL	89611	CT	CASEY	AUSTRALIA
98748	C	CAGAYANDE ORO	PHILIPPINES	98336	C	CASIGURAN	PHILIPPINES
16560	CT	CAGLIARI/ELMAS	ITALY	72569	C	CASPER/NATRONACOUNTY I., WY.	USA
94287	C	CAIRNS AERO	AUSTRALIA	84680	C	CASTROVIRREYNA(SINTO)	PERU
84472	C	CAJAMARCA	PERU	78714	C	CATACAMAS	HONDURAS
80442	C	CALABOZO	VENEZUELA	87222	C	CATAMARCA AERO.	ARGENTINA
98431	C	CALAPAN	PHILIPPINES	83676	C	CATANDUVA	BRAZIL
98133	C	CALAYAN	PHILIPPINES	16460	C	CATANIA/FONTANAROSSA	ITALY
42807	C	CALCUTTA/ALIPORE	INDIA	98546	C	CATARMAN	PHILIPPINES
42809	T	CALCUTTA/DUMDUM	INDIA	98548	C	CATBALOGAN	PHILIPPINES
71877	T	CALGARY INT'L, ALTA.	CANADA	81405	CT	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
80259	C	CALI/ALFONSOBONILLAARAGON	COLOMBIA	94653	C	CEDUNA AIRPORT	AUSTRALIA
68618	C	CALVINIA	SOUTH AFRICA	89056	C	CENTROMET.ANTARTICO''PDTE.ED	CHILE
03808	CT	CAMBORNE	U KINGDOM	87257	C	CERES AERO	ARGENTINA
71925	T	CAMBRIDGEBAY UA, N.W.T.	CANADA	84570	C	CERRO DE PASCO	PERU
85315	C	CAMIRI	BOLIVIA	84444	C	CHACHAPOYAS	PERU
93947	C	CAMPBELLISLAND AWS	N ZEALAND	38511	C	CHAGYL	TURKMENISTAN
83611	C	CAMPO GRANDE	BRAZIL	40942	C	CHAKHCHARAN	AFGHANISTAN
83612	T	CAMPO GRANDE(AEROPORTO)	BRAZIL	87320	C	CHAMICAL AERO	ARGENTINA
83698	C	CAMPOS	BRAZIL	72649	T	CHANHASSEN, MN	USA

# WMO PUB 9 VOL A

48480	C	CHANTHABURI	THAILAND	47648	C	CHOSHI	JAPAN
85230	C	CHARANA	BOLIVIA	93780	C	CHRISTCHURCH	N ZEALAND
38687	C	CHARDZHEV	TURKMENISTAN	16624	C	CHRYSOUPOLI(AIRPORT)	GREECE
72414	C	CHARLESTON/KANAWHA.,WV.	USA	48517	C	CHUMPHON	THAILAND
72208	C	CHARLESTON/MUN.,SC.	USA	47101	C	CHUNCHON	REP KOREA
72314	C	CHARLOTTE/DOUGLASNC.	USA	47014	C	CHUNGGANG	DPR KOREA
07314	C	CHASSIRON	FRANCE	71913	T	CHURCHILLUA,MAN.	CANADA
93986	T	CHATHAMISLAND	N ZEALAND	38069	C	CHILI	KAZAKHSTAN
93987	C	CHATHAMISLANDS AWS	N ZEALAND	96805	C	CILACAP	INDONESIA
72324	C	CHATTANOOGA/LOVELDFIELD, TN	USA	72421	C	CINCINNATI/GREATERCIN., OH.	USA
11406	C	CHEB	CZECH REP	80444	C	CIUDAD BOLIVAR	VENEZUELA
47184	C	CHEJU	REP KOREA	76402	C	CIUDAD CONSTITUCIONB.C.S.	MEXICO
10577	C	CHEMNITZ	GERMANY	86248	C	CIUDAD DEL ESTE	PARAGUAY
56294	C	CHENGDU	CHINA	08348	C	CIUDAD REAL	SPAIN
87322	C	CHEPES	ARGENTINA	72360	C	CLAYTON/MUN.,NM.	USA
41565	C	CHERAT	PAKISTAN	07460	C	CLERMONT-FERRAND	FRANCE
33135	C	CHERNIHIV	UKRAINE	15120	CT	CLUJ-NAPOCA	ROMANIA
33658	C	CHERNIVTSI	UKRAINE	71090	C	CLYDE,N.W.T.	CANADA
42515	C	CHERRAPUNJI	INDIA	82425	C	COARI	BRAZIL
76750	C	CHETUMAL,Q.ROO	MEXICO	76741	C	COATZACOALCOS,VER.	MEXICO
72564	C	CHEYENNE,WY.	USA	94711	CT	COBAR	AUSTRALIA
41768	CT	CHHOR	PAKISTAN	85041	C	COBIJA	BOLIVIA
48327	CT	CHIANG MAI	THAILAND	85223	C	COCHABAMBA	BOLIVIA
72530	C	CHICAGO/O'HARE,IL.	USA	43353	T	COCHIN/WILLINGDON	INDIA
47971	CT	CHICHIJIMA	JAPAN	64504	C	COCOBEACH	GABON
84452	C	CHICLAYO	PERU	96996	CT	COCOS ISLAND AERO	AUSTRALIA
87213	C	CHILECITO AERO	ARGENTINA	94791	C	COFFS HARBOUR MO	AUSTRALIA
85672	C	CHILLAN	CHILE	70316	CT	COLD BAY	USA
38262	C	CHIMBAJ	UZBEKISTAN	71120	T	COLD LAKE,ALTA.	CANADA
84531	C	CHIMBOTE	PERU	43466	C	COLOMBO	SRI LANKA
16706	C	CHIOS (AIRPORT)	GREECE	86560	C	COLONIA	URUGUAY
67581	C	CHIPATA	ZAMBIA	76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO
30758	CT	CHITA	RUSSIAN FEDERATION	72310	C	COLUMBIA,SC.	USA
41506	CT	CHITRAL	PAKISTAN	72445	C	COLUMBIA/REGIONAL,MO.	USA
41977	T	CHITTAGONG(AMBAGAN)	BANGLADESH	72428	C	COLUMBUS/PORTCOLUMBUS, OH.	USA
41978	C	CHITTAGONG(PATENGA)	BANGLADESH	71193	C	COMFORT COVE,NFLD.	CANADA
60425	C	CHLEF	ALGERIA	76848	C	COMITAN,CHIS.	MEXICO
44259	C	CHOIBALSAN	MONGOLIA	87860	CT	COMODORO RIVADAVIA AERO	ARGENTINA
44298	C	CHOIR	MONGOLIA	61832	C	CONAKRY/GBESSIA	GUINEA
76311	C	CHOIX,SIN.	MEXICO	82861	C	CONCEICAODO ARAGUAIA	BRAZIL
21946	C	CHOKURDAH	RUSSIAN FEDERATION	86134	C	CONCEPCION	PARAGUAY
78724	C	CHOLUTECA	HONDURAS	72605	C	CONCORD/MUN.,NH.	USA
67753	C	CHOMA	ZAMBIA	87395	C	CONCORDIA AERO	ARGENTINA
47131	C	CHONGJU	REP KOREA	03973	C	CONNAUGHTAIRPORT	IRELAND

# WMO PUB 9 VOL A

15480	CT	CONSTANTA	ROMANIA	04320	CT	DANMARKSHAVN	GREENLAND
60419	C	CONSTANTINE	ALGERIA	65351	C	DAPAON	TOGO
84478	C	CONTAMANA	PERU	63894	CT	DAR ES SALAAM AIRPORT	U REP TANZANIA
85470	C	COPIAPO	CHILE	60390	CT	DAR-EL-BEIDA	ALGERIA
71915	T	CORAL HARBOUR UA, N.W.T.	CANADA	42391	C	DARBHANGA	INDIA
87344	CT	CORDOBA AERO	ARGENTINA	38545	C	DARGANATA	TURKMENISTAN
08410	C	CORDOBA/AEROPUERTO	SPAIN	42295	C	DARJEELING	INDIA
03955	C	CORK AIRPORT	IRELAND	61891	C	DARU	SIERRA LEONE
80403	C	CORO	VENEZUELA	92003	C	DARU W.O.	PAPUA N GUINEA
98526	C	CORON	PHILIPPINES	94120	CT	DARWIN AIRPORT	AUSTRALIA
72251	C	CORPUS CHRISTI/INT., TX.	USA	44256	C	DASHBALBAR	MONGOLIA
87166	C	CORRIENTES AERO.	ARGENTINA	38392	C	DASHKHVOUZ	TURKMENISTAN
17084	C	CORUM	TURKEY	26544	C	DAUGAVPILS	LATVIA
83552	C	CORUMBA	BRAZIL	71855	C	DAUPHIN,MAN.	CANADA
98746	C	COTOBATO	PHILIPPINES	38527	CT	DAVALY	TURKMENISTAN
65344	C	COTONOU	BENIN	98753	C	DAVAO AIRPORT	PHILIPPINES
10496	C	COTTBUS	GERMANY	74455	T	DAVENPORT,LA	USA
41992	C	COX'S BAZAR	BANGLADESH	89571	CT	DAVIS	AUSTRALIA
83512	C	COXIM	BRAZIL	40435	C	DAWADMI	SAUDI ARABIA
85864	C	COYHAIQUE	CHILE	72429	C	DAYTON/. COX, OH	USA
78962	C	CROWN POINT AIRPORT,TOBAGO	TRINIDAD AND TOBAGO	68538	CT	DE AAR	SOUTH AFRICA
82704	C	CRUZEIRO DO SUL	BRAZIL	06260	CT	DE BILT	NETHERLANDS
80097	C	CUCUTA/CAMILODAZA	COLOMBIA	06235	C	DE KOOY	NETHERLANDS
83361	C	CUIABA	BRAZIL	71958	C	DEASE LAKE B.C.	CANADA
83362	T	CUIABA (AEROPORTO)	BRAZIL	12882	C	DEBRECEN	HUNGARY
80420	C	CUMANA	VENEZUELA	65505	C	DEDOUGOU	BURKINAFASO
85629	C	CURICO	CHILE	40045	C	DEIR EZZOR	SYRIAN ARAB REP
83842	C	CURITIBA	BRAZIL	60387	C	DELLYS	ALGERIA
83840	T	CURITIBA (AEROPORTO)	BRAZIL	38829	C	DENAU	UZBEKISTAN
96739	C	CURUG/BUDIARTO	INDONESIA	97230	C	DENPASAR/NGURAH-RAI	INDONESIA
84686	C	CUZCO	PERU	41652	C	DERA GHAZI KHAN	PAKISTAN
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	41624	CT	DERA ISMAIL KHAN	PAKISTAN
48855	CT	DA NANG	VIET NAM	62059	C	DERNA	LIBYAN ARAB JAMAHIR
98440	C	DAET	PHILIPPINES	72546	C	DES MOINES/MUN.,IA.	USA
98325	C	DAGUPAN	PHILIPPINES	72537	C	DETROIT/METROPOLITAN MI.	USA
62467	C	DAHAB	EGYPT	40416	CT	DHAHRAN	SAUDI ARABIA
61641	CT	DAKAR/YOFF	SENEGAL	41923	CT	DHAKA	BANGLADESH
41712	CT	DAL BANDIN	PAKISTAN	42404	C	DHUBRI	INDIA
44373	C	DALANZADGAD	MONGOLIA	42314	C	DIBRUGARH/MOHANBARI	INDIA
72259	C	DALLAS-FORT WORTH/FORT.,TX.	USA	61967	CT	DIEGO GARCIA	OCEAN ISLANDS
65560	C	DALOA	COTE D'IVOIRE	67009	C	DIEGO-SUAREZ	MADAGASCAR
42587	C	DALTONGANJ	INDIA	61085	C	DIFFA	NIGER
40080	CT	DAMASCUS INT.AIRPORT	SYRIAN ARAB REP	07280	C	DIJON	FRANCE
62805	C	DAMAZINE	SUDAN	65562	C	DIMBOKRO	COTE D'IVOIRE



# WMO PUB 9 VOL A

89054	C	DINAMET-URUGUAY	URUGUAY	71123	C	EDMONTONINT.,ALTA.	CANADA
61666	C	DIORBEL	SENEGAL	71121	T	EDMONTONNAMA ALTA.	CANADA
98741	C	DIPOLOG	PHILIPPINES	71119	T	EDMONTON STONY PLAIN, ALTA	CANADA
41508	C	DIR	PAKISTAN	40199	C	EILAT	ISRAEL
63471	C	DIREDAWA	ETHIOPIA	28440	C	EKATERINBURG	RUSSIAN FEDERATION
40672	C	DIWANIYA	IRAQ	38388	C	EKEZHE	TURKMENISTAN
17280	CT	DIYARBAKIR	TURKEY	62337	C	EL ARISH	EGYPT
38684	C	DJACHEV	TURKMENISTAN	87800	C	EL BOLSON AERO	ARGENTINA
64453	C	DJAMBALA	CONGO	62760	C	EL FASHER	SUDAN
60670	C	DJANET	ALGERIA	60590	C	EL GOLEA	ALGERIA
60535	C	DJELFA	ALGERIA	60540	C	EL KHEITER	ALGERIA
63125	C	DJIBOUTI	DJIBOUTI	60354	C	EL MILIA	ALGERIA
34504	C	DNIPROPETROVS'K	UKRAINE	62771	C	EL OBEID	SUDAN
63862	C	DODOMA	U REP TANZANIA	60559	C	EL OUED	ALGERIA
41170	CT	DOHA INTERNATIONALAIRPORT	QATAR	72270	C	EL PASO/INT., TX.	USA
87648	C	DOLORES AERO	ARGENTINA	80437	C	EL VIGIA	VENEZUELA
34519	C	DONETS'K	UKRAINE	60367	C	EL-KALA	ALGERIA
48848	C	DONG HOI	VIET NAM	60550	CT	ELBAYADH	ALGERIA
62650	C	DONGOLA	SUDAN	12160	C	ELBLAG	POLAND
65501	C	DORI	BURKINA FASO	63686	C	ELDORET	KENYA
64910	CT	DOUALA OBS.	CAMEROON	16718	C	ELEFSIS (AIRPORT)	GREECE
10486	T	DRESDEN	GERMANY	72486	C	ELY/YELLAND,NV.	USA
10488	C	DRESDEN-KLOTZSCHE	GERMANY	07591	CT	EMBRUN	FRANCE
41515	CT	DROSH	PAKISTAN	10200	CT	EMDEN-FLUGPLATZ	GERMANY
41194	C	DUBAI INTERNATIONALAIRPORT	U ARAB EMIRATES	29572	T	EMEL'JANOVO	RUSSIAN FEDERATION
03969	C	DUBLIN AIRPORT	IRELAND	76256	C	EMPALME, SON	MEXICO
52836	C	DULAN	CHINA	62781	C	EN NAHUD	SUDAN
72745	C	DULUTH/INT.,MN.	USA	86297	C	ENCARNACION	PARAGUAY
98642	C	DUMAGUETE	PHILIPPINES	29263	C	ENISEJSK	RUSSIAN FEDERATION
42599	C	DUMKA	INDIA	63705	CT	ENTEBBE AIRPORT	UGANDA
89642	CT	DUMONT D'URVILLE	FRANCE	65257	C	ENUGU	NIGERIA
76423	C	DURANGO,DGO	MEXICO	72550	C	EPPLEY FIELD,OMAHA,NE.	USA
68588	CT	DURBANINTNL. AIRPORT	SOUTH AFRICA	38656	C	ERBENT	TURKMENISTAN
38836	C	DUSHANBE	TAJKISTAN	24817	C	ERBOGACEN	RUSSIAN FEDERATION
42731	C	DWARKA	INDIA	44237	C	ERDENEMANDAL	MONGOLIA
67005	C	DZAODZI/PAMANZI(MAYOTTE)	COMOROS	53068	C	ERENHOT	CHINA
24143	C	DZARDZAN	RUSSIAN FEDERATION	10554	C	ERFURT-BINDERSLEBEN	GERMANY
35217	C	DZHAMBEJTY	KAZAKHSTAN	17092	C	ERZINCAN	TURKEY
35953	C	DZHUSALY	KAZAKHSTAN	17096	C	ERZURUM	TURKEY
71735	C	EARLTON,ONT.	CANADA	38750	C	ESENGYLY	TURKMENISTAN
68858	C	EAST LONDON	SOUTH AFRICA	40800	C	ESFAHAN	IRAN, ISLAMIC REP
94907	C	EAST SALE AIRPORT	AUSTRALIA	35067	C	ESIL'	KAZAKHSTAN
03160	C	EDINBURGH AIRPORT	U KINGDOM	03162	C	ESKDALEMUIR	U KINGDOM
17050	C	EDIRNE	TURKEY	87803	C	ESQUEL AERO	ARGENTINA

# WMO PUB 9 VOL A

60220	C	ESSAOUIRA	MOROCCO	60765	C	GABES	TUNISIA
24105	C	ESSEJ	RUSSIAN FEDERATION	60745	C	GAFSA	TUNISIA
10410	CT	ESSEN	GERMANY	65557	C	GAGNOA	COTE D'IVOIRE
94647	CT	EUCLA	AUSTRALIA	44284	C	GAIUUT	MONGOLIA
71917	T	EUREKA UA, N.W.T.	CANADA	83746	T	GALEAO	BRAZIL
72594	C	EUREKA, CA.	CANADA	72242	C	GALVESTON, TX.	USA
72432	C	EVANSVILLE/REG., IN.	USA	64454	C	GAMBOMA	CONGO
37747	C	EVLAKH AIRPORT	AZERBAIJAN	43599	C	GAN	MALDIVES
08558	C	EVORA/C. COORD	PORTUGAL	94926	C	GANBERRAAMO	AUSTRALIA
87576	CT	EZEIZA AERO	ARGENTINA	71803	C	GANDER INT. AIRPORT, NFLD.	CANADA
65507	C	FADA N'GOURMA	BURKINA FASO	57993	C	GANZHOU	CHINA
70261	C	FAIRBANKS/INT.	USA	61226	C	GAO	MALI
16191	C	FALCONARA	ITALY	65522	C	GAOUA	BURKINA FASO
61833	C	FARANAH/BADALA	GUINEA	62120	C	GARIATEL-SHARGHIA	LIBYAN ARAB JAMAHIR
72753	C	FARGO/HECTORFIELD, ND.	USA	63723	CT	GARISSA	KENYA
64753	C	FAYA	CHAD	64860	C	GAROUA	CAMEROON
76698	C	FELIPE CARRILLO PUERTO, Q. RO	MEXICO	71188	C	GASPE, QUE.	CANADA
41943	C	FENI	BANGLADESH	40405	C	GASSIM	SAUDI ARABIA
38618	C	FERGANA	UZBEKISTAN	42410	CT	GAUHATI	INDIA
82400	CT	FERNANDE DE NORONHA	BRAZIL	61099	C	GAYA	NIGER
11155	C	FEUERKOGEL	AUSTRIA	62752	C	GEDAREF	SUDAN
10578	C	FICHELBERG	GERMANY	10628	C	GEISENHEIM	GERMANY
72637	C	FLINT/BISHOP, MI.	USA	64006	C	GEMENA	DEMO. REP THE CONG
82678	CT	FLORIANO	BRAZIL	62770	C	GENEINA	SUDAN
83897	C	FLORIANOPOLIS	BRAZIL	87532	C	GENERAL PICO AERO	ARGENTINA
16613	C	FLORINA	GREECE	06700	C	GENEVE-COINTRIN	SWITZERLAND
82212	C	FONTE BOA	BRAZIL	68828	C	GEORGE AIRPORT	SOUTH AFRICA
87162	C	FORMOSA AERO	ARGENTINA	81001	C	GEORGETOWN	GUYANA
71932	C	FORT MCMURRAY, ALTA.	CANADA	10567	C	GERA-LEUMNITZ	GERMANY
71945	CT	FORT NELSON UA, B.C.	CANADA	94403	CT	GERALDTON AIRPORT	AUSTRALIA
71934	T	FORT SMITH UA, N.W.T.	CANADA	71834	C	GERALDTON, ONT.	CANADA
72344	C	FORT SMITH/MUN., AR.	USA	08184	C	GERONA/COSTABRVA	SPAIN
71943	C	FORT ST JOHN, B.C.	CANADA	62103	CT	GHADAMES	LIBYAN ARAB JAMAHIR
72533	C	FORT WAYNE/MUN., BAERFL., IN.	USA	68024	C	GHANZI	BOTSWANA
67197	CT	FORT-DAUPHIN	MADAGASCAR	60566	C	GHARDAIA	ALGERIA
82397	CT	FORTALEZA	BRAZIL	62212	C	GHAT	LIBYAN ARAB JAMAHIR
71700	C	FREDERICTON, N.B.	CANADA	60517	C	GHAZAOUET	ALGERIA
72389	C	FRESNO/AIR TERM., CA.	USA	62176	C	GIARABUB	LIBYAN ARAB JAMAHIR
16244	C	FROSINONE	ITALY	08495	CT	GIBRALTAR	GIBRALTAR
02226	C	FROSON	SWEDEN	94461	CT	GILES	AUSTRALIA
47843	C	FUKUE	JAPAN	71912	C	GILLAM, MAN.	CANADA
47807	CT	FUKUOKA	JAPAN	80219	C	GIRARDOT/SANTIAGOVILLA	COLOMBIA
91643	CT	FUNAFUTI	TUVALU	17034	C	GIRESUN	TURKEY
08522	CT	FUNCHAL	MADEIRA	93292	C	GISBORNE AERODROME AWS	N ZEALAND

# WMO PUB 9 VOL A

64381	C	GISENYI	RWANDA	02128	C	GUNNARN	SWEDEN
41140	C	GIZAN	SAUDI ARABIA	40360	C	GURIAT	SAUDI ARABIA
72768	C	GLASGOW/INTL,MT.	USA	92077	C	GURNEY W.O.	PAPUA N GUINEA
20292	CT	GMO IM.E.K.FEDOROVA	RUSSIAN FEDERATION	78894	C	GUSTAVIA,ST.BARTHELEMY	ST.MARTIN,ST.BARTH
43192	CT	GOA/PANJIM	INDIA	70367	C	GUSTAVUS	USA
87880	C	GOBERNADORGREGORES AERO	ARGENTINA	68034	C	GWETA	BOTSWANA
10499	C	GOERLITZ	GERMANY	37735	C	GYANCA	AZERBAIJAN
83423	C	GOIANIA	BRAZIL	37749	C	GYOYCHAY	AZERBAIJAN
63331	C	GONDAR	ETHIOPIA	38763	C	GYZYLARBAT	TURKMENISTAN
71816	CT	GOOSE UA,NFLD.	CANADA	40250	C	H-4 'IRWAISHED'	JORDAN
97048	C	GORONTALO/JALALUDDIN	INDONESIA	48820	CT	HA NOI	VIET NAM
02527	T	GOTEBORG/LANDVETTER	SWEDEN	31735	C	HABAROVSK	RUSSIAN FEDERATION
02512	C	GOTEBORG/SAVE	SWEDEN	47678	CT	HACHIOJIMA	JAPAN
68906	CT	GOUGH ISLAND	SOUTH AFRICA	76692	C	HACIENDA YLANG YLANG VER.	MEXICO
07535	C	GOURDON	FRANCE	40634	C	HADITHA	IRAQ
61045	C	GOURE	NIGER	47069	C	HAEJU	DPR KOREA
94150	CT	GOVE AIRPORT	AUSTRALIA	40377	C	HAFR AL-BATIN	SAUDI ARABIA
72476	C	GRAND JUNCTION/WALKERF.,CO.	USA	59758	C	HAIKOU	CHINA
72635	C	GRAND RAPIDS/KENTCO., MI.	USA	40394	CT	HAIL	SAUDI ARABIA
71940	C	GRANDE PRAIRIE,ALTA.	CANADA	50527	CT	HAILAR	CHINA
78954	CT	GRANTLEY ADAMS	BARBADOS	17285	C	HAKKARI	TURKEY
74389	T	GRAY, ME	USA	47430	C	HAKODATE	JAPAN
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	71396	T	HALIFAX METOC, N.S.	CANADA
72776	CT	GREAT FALLS, MT	USA	71081	CT	HALL BEACH UA,N.W.T.	CANADA
72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA	89022	CT	HALLEY	U KINGDOM
72317	C	GREENSBORO/G.-HIGHPT., NC.	USA	94212	C	HALLS CREEK AMO	AUSTRALIA
72312	C	GREENVILLE/SPATANBURGSC	USA	40030	C	HAMA	SYRIAN ARAB REP
10184	CT	GREIFSWALD	GERMANY	47755	C	HAMADA	JAPAN
68014	CT	GROOTFONTEIN	NAMIBIA	43497	C	HAMBANTOTA	SRI LANKA
76612	C	GUADALAJARA,JAL.	MEXICO	10147	C	HAMBURG-FUHLBUETTEL	GERMANY
87497	C	GUALEGUAYCHUAERO	ARGENTINA	52203	C	HAMI	CHINA
78701	C	GUANAJA	HONDURAS	10338	C	HANNOVER	GERMANY
76577	C	GUANAJUATO,GTO.	MEXICO	23933	CT	HANTY-MANSIJSK	RUSSIAN FEDERATION
80428	C	GUANARE	VENEZUELA	02196	C	HAPARANDA	SWEDEN
59287	CT	GUANGZHOU	CHINA	67774	T	HARARE (BELVEDERE)	ZIMBABWE
80448	C	GUASDUALITO	VENEZUELA	67775	C	HARARE (KUTSAGA)	ZIMBABWE
78640	C	GUATEMALA(OBSERVA- TORIO NA	GUATEMALA	72508	C	HARTFORD/BRADLEYINTL, CT.	USA
84203	C	GUAYAQUIL(AEROPUERTO)	ECUADOR	60581	C	HASSI-MESSAOUD	ALGERIA
85033	C	GUAYARAMERIN	BOLIVIA	20891	CT	HATANGA	RUSSIAN FEDERATION
60403	C	GUELMA	ALGERIA	44207	C	HATGAL	MONGOLIA
80423	C	GUIRIA	VENEZUELA	78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE
98558	C	GUIUAN	PHILIPPINES	71935	C	HAY RIVER,N.W.T.	CANADA
63630	C	GULU	UGANDA	72772	C	HELENA/COUNTY-CITY,MT.	USA
37686	C	GUMRI	ARMENIA	02974	C	HELSINKI-VANTAA	FINLAND

# WMO PUB 9 VOL A

62378	CT	HELWAN	EGYPT	08373	C	IBIZA/ES CODOLA	SPAIN
03496	T	HEMSBY	U KINGDOM	32411	C	ICA	RUSSIAN FEDERATION
33910	C	HENICHES`K	UKRAINE	16756	C	IERAPETRA	GREECE
16754	CT	HERAKLION(AIRPORT)	GREECE	87097	C	IGUAZU AERO	ARGENTINA
40938	CT	HERAT	AFGHANISTAN	61972	C	ILE EUROPA	OCEAN ISLANDS
91945	C	HEREHERETUE	FRENCH POLY.	61970	C	ILE JUAN DE NOVA	OCEAN ISLANDS
71066	C	HIGH LEVEL,ALTA	CANADA	71709	C	ILES DE LA MADELEINEQUE.	CANADA
91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA	61968	C	ILES GLORIEUSES	OCEAN ISLANDS
91285	CT	HILO/GEN.LYMAN, HAWAII,	USA ONIA	25248	C	ILIRNEJ	RUSSIAN FEDERATION
98755	C	HINATUAN	PHILIPPINES	60640	C	ILLIZI	ALGERIA
94975	CT	HOBART AIRPORT	AUSTRALIA	04339	CT	ILLOQORTOORMIUT(SCORES BYSU	GREENLAND
10962	C	HOHENPEISSENBERG	GERMANY	98637	C	ILOILO	PHILIPPINES
93615	C	HOKITIKA AERODROMEAWS	N ZEALAND	65101	C	ILORIN	NIGERIA
61240	C	HOMBORI	MALI	31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION
70341	C	HOMER/MUNICIPAL	USA	64459	C	IMPFONDO	CONGO
62131	C	HON	LIBYAN ARAB JAMAHIR	60611	C	IN AMENAS	ALGERIA
91517	T	HONIARA	SOLOMON ISLANDS	60630	CT	IN SALAH	ALGERIA
91520	C	HONIARA/HENDERSON	SOLOMON ISLANDS	60690	C	IN-GUEZZAM	ALGERIA
91182	C	HONOLULU,OAHU, HAWAII	USA ISLANDS	72438	C	INDIANAPOLIS/I.-MUN/WEL.,IN.	USA
08506	C	HORTA (ACORES)	PORTUGAL	42754	C	INDORE	INDIA
23219	C	HOSEDA-HARD	RUSSIAN FEDERATION	98434	C	INFANTA	PHILIPPINES
92072	C	HOSKINS W.O.	PAPUA N GUINEA	67323	C	INHAMBANE	MOZAMBIQUE
51828	C	HOTAN	CHINA	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
72243	C	HOUSTON/INTERCONTI-NENTAL,	USA	64115	C	INONGO	DEMO. REP THEW CON
44218	C	HOVD	MONGOLIA	72747	CT	INT.FALLS/FALLSINT.MN.	USA
78806	T	HOWARD AFB	PANAMA	71907	CT	INUKJUAQ, QUE	CANADA
66318	C	HUAMBO (NOVA LISBOA)	ANGOLA	71957	CT	INUVIK UA,N.W.T.	CANADA
84347	C	HUAMBOS	PERU	93844	CT	INVERCARGILLAERODROME	N ZEALAND
84405	C	HUANCABAMBA	PERU	16642	C	IOANNINA (AIRPORT)	GREECE
84564	C	HUANUCO	PERU	80370	C	IPIALES/SAN LUIS	COLOMBIA
84630	C	HUAYAO	PERU	71909	CT	IQALUIT, N.W.T.	CANADA
48852	C	HUE	VIET NAM	85418	C	IQUIQUE	CHILE
44285	C	HUJIRT	MONGOLIA	84377	C	IQUITOS	PERU
72425	C	HUNTINGTON,WV	USA	83881	C	IRAI	BRAZIL
72323	C	HUNTSVILLE/MADISONCO., AL.	USA	83836	C	IRATI	BRAZIL
72654	C	HURON/HURONREGIONAL,SD.	USA	40255	C	IRBID	JORDAN
44232	C	HUTAG	MONGOLIA	68263	T	IRENE	SOUTH AFRICA
43128	CT	HYDERABADAIRPORT	INDIA	30710	C	IRKUTSK	RUSSIAN FEDERATION
47016	C	HYESAN	DPR KOREA	29807	C	IRTYSHSK	KAZAKHSTAN
15090	C	IASI	ROMANIA	47918	CT	ISHIGAKIJIMA	JAPAN
82067	C	IAUARETE	BRAZIL	64062	C	ISIRO	DEMO. REP THE CONG
98324	C	IBA	PHILIPPINES	85469	CT	ISLA DE PASCUA	CHILE
80214	C	IBAGUE/PERALES	COLOMBIA	85585	C	ISLA JUAN FERNANDEZ	CHILE
84043	C	IBARRA AEROPUERTO	ECUADOR	41571	CT	ISLAMABAD AIRPORT	PAKISTAN

# WMO PUB 9 VOL A

71145	C	ISLAND LAKE, MAN.	CANADA	02963	CT	JOKIOINEN	FINLAND
17240	CT	ISPARTA	TURKEY	02550	C	JONKOPING/AXAMO	SWEDEN
17062	CT	ISTANBUL/GOZTEPE	TURKEY	65134	C	JOS	NIGERIA
82336	C	ITACOATIARA	BRAZIL	78762	CT	JUAN SANTAMARIA	COSTA RICA
82445	C	ITAITUBA	BRAZIL	84474	C	JUANJUI	PERU
98132	C	ITBAYAT	PHILIPPINES	62941	C	JUBA	SUDAN
33526	C	IVANO-FRANKIVS'K	UKRAINE	83692	C	JUIZ DE FORA	BRAZIL
34415	C	IZIUM	UKRAINE	87046	C	JUJUJ AERO	ARGENTINA
33889	C	IZMAIL	UKRAINE	84735	C	JULIACA	PERU
17220	CT	IZMIR/GUZELYALT	TURKEY	78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN,ST.EUST
84088	C	IZOBAMBA	ECUADOR	87548	C	JUNIN AERO	ARGENTINA
47800	C	IZUHARA	JAPAN	32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION
68112	CT	J.G.STRIJDOM	NAMIBIA	02935	CT	JYVASKYLA	FINLAND
82640	C	JACAREACANGA	BRAZIL	43588	C	KAADEDHDHOO	MALDIVES
72235	C	JACKSON/ALLENC. THOMP., MS.	USA	61886	C	KABALA	SIERRA LEONE
72206	CT	JACKSONVILLEINTNL., FL	USA	40948	CT	KABUL AIRPORT	AFGHANISTAN
78449	C	JACMEL	HAITI	67663	C	KABWE	ZAMBIA
41715	CT	JACOBABAD	PAKISTAN	62810	C	KADUGLI	SUDAN
83186	C	JACOBINA	BRAZIL	61492	C	KAEDI	MAURITANIA
43041	C	JAGDALPUR	INDIA	47827	CT	KAGOSHIMA	JAPAN
96745	C	JAKARTA/OBSERVATORY	INDONESIA	17255	C	KAHRAMANMARAS	TURKEY
96749	CT	JAKARTA/SOEKARNO-HATTA	INDONESIA	93678	C	KAIKOURA	N ZEALAND
24959	CT	JAKUTSK	RUSSIAN FEDERATION	97760	C	KAIMANA/UTAROM	INDONESIA
01001	CT	JAN MAYEN	NORWAY	60735	C	KAIROUAN	TUNISIA
38141	C	JASLYK	UZBEKISTAN	93012	C	KAITAIA	N ZEALAND
71888	C	JASPER, ALTA.	CANADA	02897	C	KAJAANI	FINLAND
96791	C	JATIWANGI	INDONESIA	41535	C	KAKUL	PAKISTAN
97690	C	JAYAPURA/SENTANI	INDONESIA	67625	CT	KALABO	ZAMBIA
41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA	30469	C	KALAKAN	RUSSIAN FEDERATION
60725	C	JENDOUBA	TUNISIA	16726	C	KALAMATA (AIRPORT)	GREECE
78435	C	JEREMIE	HAITI	64285	C	KALEMIE	DEMO. REP THE CONG
08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN	64380	C	KAMEMBE	RWANDA
40184	C	JERUSALEM	ISRAEL	25744	C	KAMENSKOE	RUSSIAN FEDERATION
40290	C	JERUSALEM AIRPORT	JORDAN	40001	C	KAMISHLI	SYRIAN ARAB REP
41936	C	JESSORE	BANGLADESH	71887	C	KAMLOOPS, B.C.	CANADA
41598	CT	JHELUM	PAKISTAN	48985	C	KAMPOT	CAMBODIA
60351	C	JIJEL ACHOUAT	ALGERIA	64235	C	KANANGA	DEMO. REP THE CONG
60353	C	JIJEL PORT	ALGERIA	40637	C	KANAQIN	IRAQ
63402	C	JIMMA	ETHIOPIA	47605	C	KANAZAWA	JAPAN
52533	C	JIUQUAN	CHINA	40990	CT	KANDAHAR AIRPORT	AFGHANISTAN
41756	CT	JIWANI	PAKISTAN	65306	C	KANDI	BENIN
42339	CT	JODHPUR	INDIA	47105	C	KANGNUNG	REP KOREA
02929	C	JOENSUU	FINLAND	22165	C	KANIN NOS	RUSSIAN FEDERATION
68368	C	JOHANNESBURG INT. AIRPORT	SOUTH AFRICA	61829	C	KANKAN	GUINEA

# WMO PUB 9 VOL A

65046	CT	KANO	NIGERIA	40766	C	KERMANS SHAH	IRAN, ISLAMIC REP
61679	C	KAOLACK	SENEGAL	02805	C	KEVO	FINLAND
67641	C	KAOMA	ZAMBIA	72201	CT	KEY WEST/INT., FL.	USA
71831	C	KAPUSKASING, ONT.	CANADA	37673	C	KHACHMAZAERODROME	AZERBAIJAN
65357	C	KARA	TOGO	44313	C	KHALKH-GOL	MONGOLIA
41780	CT	KARACHI AIRPORT	PAKISTAN	41114	CT	KHAMIS MUSHAIT	SAUDI ARABIA
41782	C	KARACHIMANORA	PAKISTAN	37895	C	KHANKANDY	AZERBAIJAN
41781	C	KARACHIMASROOR	PAKISTAN	41718	CT	KHANPUR	PAKISTAN
35394	CT	KARAGANDA	KAZAKHSTAN	62435	C	KHARGA	EGYPT
38023	C	KARAKAPALKIJA	UZBEKISTAN	34300	CT	KHARKIV	UKRAINE
02080	C	KARESUANDO	SWEDEN	62721	CT	KHARTOUM	SUDAN
62660	C	KARIMA	SUDAN	40410	C	KHAYBER	SAUDI ARABIA
10727	C	KARLSRUHE	GERMANY	60476	C	KHENCHELLA	ALGERIA
02418	C	KARLSTADFLYGPLATS	SWEDEN	33902	C	KHERSON	UKRAINE
16765	C	KARPATOS(AIRPORT)	GREECE	33429	C	KHMEL'NYTS' KYI	UKRAINE
17098	C	KARS	TURKEY	38599	C	KHUDJAND	TAJIKISTAN
38812	C	KARSHI	UZBEKISTAN	41744	CT	KHUZDAR	PAKISTAN
67475	C	KASAMA	ZAMBIA	61214	C	KIDAL	MALI
67541	C	KASEMPA	ZAMBIA	61498	C	KIFFA	MAURITANIA
51709	C	KASHI	CHINA	64387	C	KIGALI	RWANDA
62730	C	KASSALA	SUDAN	64222	C	KIKWIT	DEMO. REP THE CONG
10438	C	KASSEL	GERMANY	02801	C	KILPISJARVI	FINLAND
17074	C	KASTAMONU	TURKEY	68438	C	KIMBERLEY	SOUTH AFRICA
16614	C	KASTORIA(AIRPORT)	GREECE	47025	C	KIMCHAEK	DPR KOREA
44454	CT	KATHMANDU AIRPORT	NEPAL	61818	C	KINDIA	GUINEA
26629	C	KAUNAS	LITHUANIA	64155	C	KINDU	DEMO. REP THE CONG
92076	C	KAVIENG W.O.	PAPUA N GUINEA	40417	CT	KING FAHAD INT. AIRPORT	SAUDI ARABIA
67403	C	KAWAMBWA	ZAMBIA	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
61257	C	KAYES	MALI	70326	C	KING SALMON	USA
35849	C	KAZALINSK	KAZAKHSTAN	45004	CT	KING'S PARK	HONG KONG, CHINA
27595	CT	KAZAN'	RUSSIAN FEDERATION	71620	C	KINGSTON, ONT.	CANADA
61699	C	KEDOUGOU	SENEGAL	78397	CT	KINGSTON/NORMANMANLEY	JAMAICA
68312	C	KEETMANSHOOP	NAMIBIA	03066	C	KINLOSS	U KINGDOM
16685	C	KEFALH NIA(AIRPORT)	GREECE	64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG
04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND	30230	CT	KIRENSK	RUSSIAN FEDERATION
10946	C	KEMPTEN	GERMANY	40621	C	KIRKUK	IRAQ
97146	C	KENDARI/WOLTERMON-GINSIDI	INDONESIA	27199	C	KIROV	RUSSIAN FEDERATION
61285	C	KENIEBA	MALI	33711	C	KIROVOHRAD	UKRAINE
60120	C	KENITRA	MOROCCO	64040	C	KISANGANI	DEMO. REP THE CONG
71850	C	KENORA, ONT.	CANADA	33815	CT	KISINEV	REP MOLDOVA
33983	C	KERCH	UKRAINE	61834	C	KISSIDOU GOU	GUINEA
16641	C	KERKYRA(AIRPORT)	GREECE	61270	C	KITA	MALI
93997	T	KERMADEC IS.	N ZEALAND	64203	C	KITONA	DEMO. REP THE CONG
40841	CT	KERMAN	IRAN, ISLAMIC REP	92001	C	KIUNGA W.O.	PAPUA N GUINEA

# WMO PUB 9 VOL A

11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	62271	C	KUFRA	LIBYAN ARAB JAMAHIR
26509	C	KLAJPEDA	LITHUANIA	47819	C	KUMAMOTO	JAPAN
33939	C	KLEPYNINE	UKRAINE	65442	C	KUMASI	GHANA
72326	C	KNOXVILLE/MUN.,TN.	USA	56778	CT	KUNMING	CHINA
11487	C	KOCELOVICE	CZECH REP	97372	C	KUPANG/EL TARI	INDONESIA
47893	C	KOCHI	JAPAN	47418	C	KUSHIRO	JAPAN
06181	T	KOEBENHAVN/JAEGERSBORG	DENMARK & FAROE IS.	28952	CT	KUSTANAI	KAZAKHSTAN
06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.	40665	C	KUT-AL-HAI	IRAQ
47638	C	KOFU	JAPAN	71906	CT	KUJJUAQ, QUE.	CANADA
41564	C	KOHAT	PAKISTAN	71905	C	KUJJUARAPIK, QUE.	CANADA
36535	C	KOKPEKTY	KAZAKHSTAN	02869	C	KUUSAMO	FINLAND
28879	C	KOKSHETAY	KAZAKHSTAN	40582	CT	KUWAIT INT'L AIRPORT	KUWAIT
61698	C	KOLDA	SENEGAL	91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA
29231	CT	KOLPASEVO	RUSSIAN FEDERATION	47158	T	KWANGJU AB	REP KOREA
33723	C	KOMISARIVKA	UKRAINE	33345	CT	KYIV	UKRAINE
10929	C	KONSTANZ	GERMANY	34609	C	KYRYLVKA	UKRAINE
17244	C	KONYA	TURKEY	16743	C	KYTHIRA	GREECE
25954	CT	KORF	RUSSIAN FEDERATION	38062	CT	KYZYLORDA	KAZAKHSTAN
65536	C	KORHOGO	COTE D'IVOIRE	33393	CT	L'VIV	UKRAINE
91408	C	KOROR, PALAU IS.	USA IVOIRE	80476	T	LA CANADA	VENEZUELA
16742	C	KOS (AIRPORT)	GREECE	78705	C	LA CEIBA (AIRPORT)	HONDURAS
62772	C	KOSTI	SUDAN	08001	CT	LA CORUNA	SPAIN
42452	C	KOTA AERODROME	INDIA	78890	C	LA DESIRADE	GUADELOUPE
48615	CT	KOTA BHARU	MALAYSIA	78719	C	LA ESPERANZA	HONDURAS
96471	CT	KOTA KINABALU	MALAYSIA	71823	T	LA GRANDEIV, QUE.	CANADA
70133	CT	KOTZEBUE, RALPH WIEN	USA	71827	C	LA GRANDERIVIERE, QUE	CANADA
38343	C	KOULAN	KAZAKHSTAN	07020	CT	LA HAGUE	FRANCE
65378	C	KOUMA-KONDA	TOGO	78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS
91577	C	KOUMAC (NLE-CALEDONIE)	N CALEDONIA	08117	C	LA MOLINA	SPAIN
64893	C	KOUNDJA	CAMEROON	80405	C	LA ORCHILA	VENEZUELA
61293	C	KOUTIALA	MALI	76405	C	LA PAZ, B.C.S.	MEXICO
16632	C	KOZANI (AIRPORT)	GREECE	85201	C	LA PAZ/ALTO	BOLIVIA
43314	C	KOZHICODE	INDIA	87593	C	LA PLATA AERO	ARGENTINA
12566	C	KRAKOW	POLAND	87007	C	LA QUIACA OBSERVATORIO	ARGENTINA
29570	C	KRASNOJARSKOPYTNOE POLE	RUSSIAN FEDERATION	87217	C	LA RIOJA AERO.	ARGENTINA
14008	C	KREDARICA	SLOVENIA	71922	C	LA RONGE, SASK	CANADA
64971	C	KRIBI	CAMEROON	85488	C	LA SERENA	CHILE
33791	C	KRYVYIRIH	UKRAINE	78672	C	LA UNION	EL SALVADOR
60514	C	KSAR CHELLALA	ALGERIA	61809	C	LABE	GUINEA
48648	T	KUALA LUMPUR/PETALINGJAYA	MALAYSIA	87534	C	LABOULAYE	ARGENTINA
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	82723	C	LABREA	BRAZIL
48657	CT	KUANTAN	MALAYSIA	96465	C	LABUAN	MALAYSIA
37675	C	KUBA	AZERBAIJAN	60545	C	LAGHOAT	ALGERIA
96413	CT	KUCHING	MALAYSIA	87903	C	LAGO ARGENTINO AERO	ARGENTINA

# WMO PUB 9 VOL A

65201	C	LAGOS/IKEJA	NIGERIA	64015	C	LIBENGE	DEMO. REP THE CONG
65202	T	LAGOS/OSHODI	NIGERIA	11603	C	LIBEREC	CZECH REP
41641	C	LAHORE AIRPORT	PAKISTAN	64500	C	LIBREVILLE	GABON
41640	CT	LAHORE CITY	PAKISTAN	67217	C	LICHINGA	MOZAMBIQUE
08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL	91165	CT	LIHUE, KAUAI, HAWAII	USA QUE
72240	C	LAKE CHARLES/MUN.,LA.	USA	07015	C	LILLE	FRANCE
91555	C	LAMAP (MALEKULA)	VANUATU	67586	CT	LILONGWEINT'L AIRPORT	MALAWI
64551	C	LAMBARENE	GABON	84628	CT	LIMA-CALLAO/AEROP.INTERNACI	PERU
16675	C	LAMIA	GREECE	16650	C	LIMNOS(AIRPORT)	GREECE
72576	C	LANDER/HUNT,WY.	USA	07434	C	LIMOGES	FRANCE
48830	C	LANG SON	VIET NAM	74560	T	LINCOLN,IL	USA
71899	C	LANGARA,B.C.	CANADA	72551	C	LINCOLN/MUN.,NE.	USA
37985	C	LANKARAN	AZERBAIJAN	10393	CT	LINDENBERG	GERMANY
60040	C	LANZAROTE/AEROPUERTO	SPAIN	61627	C	LINGUERE	SENEGAL
52889	CT	LANZHOU	CHINA	11010	C	LINZ/HOERSCHING-FLUGHAFEN	AUSTRIA
98223	C	LAOAG	PHILIPPINES	64014	C	LISALA	DEMO. REP THE CONG
16648	C	LARISSA (AIRPORT)	GREECE	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
17609	C	LARNACA AIRPORT	CYPRUS	08535	C	LISBOA/GEOF	PORTUGAL
87563	C	LAS FLORES AERO	ARGENTINA	33761	C	LIUBASHIVKA	UKRAINE
80241	CT	LAS GAVIOTAS	COLOMBIA	67743	C	LIVINGSTONE	ZAMBIA
87078	C	LAS LOMITAS	ARGENTINA	14015	C	LJUBLJANA/BEZIGRAD	SLOVENIA
60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN	84545	C	LLATA	PERU
72386	C	LAS VEGAS/MCCARRAN,NV.	USA	64146	C	LODJA	DEMO. REP THE CONG
64560	C	LASTOURSVILLE	GABON	08084	C	LOGRONO/AGONCILLO	SPAIN
40022	C	LATTAKIA	SYRIAN ARAB REP	84270	C	LOJA/LA ARGELIA	ECUADOR
94968	C	LAUNCESTON AIRPORT	AUSTRALIA	15511	C	LOM	BULGARIA
07471	C	LE BUY	FRANCE	65387	C	LOME	TOGO
78925	C	LE LAMENTIN	MARTINIQUE	71623	C	LONDON,ONT.	CANADA
78897	CT	LE RAIZET, GUADELOUPE	ST.MARTIN,ST.BARTH	83766	C	LONDRINA	BRAZIL
07207	C	LE TALUT	FRANCE	94346	C	LONGREACH AIRPORT	AUSTRALIA
12120	CT	LEBA	POLAND	94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA
03257	C	LEEMING	U KINGDOM	78652	C	LOS ANDES	EL SALVADOR
98444	C	LEGASPI	PHILIPPINES	72295	C	LOS ANGELES/INT.,CA.	USA
12374	T	LEGIONOWO	POLAND	64401	C	LOUBOMO	CONGO
10469	C	LEIPZIG-SCHKEUDITZ	GERMANY	72423	C	LOUISVILLE/STANDIFORD,KY.	USA
38998	C	LEKKER	TURKMENISTAN	66160	CT	LUANDA	ANGOLA
83242	C	LENCOIS	BRAZIL	48930	C	LUANG-PRABANG	LAO PDR
36208	C	LENINOGORSK	KAZAKHSTAN	66390	CT	LUBANGO(SA DA BANDEIRA)	ANGOLA
03005	CT	LERWICK	U KINGDOM	72267	C	LUBBOCK/LUBBOCKINTL, TX.	USA
78447	C	LES CAYES	HAITI	33377	C	LUBNY	UKRAINE
71874	C	LETHBRIDGE,ALTA.	CANADA	64360	C	LUBUMBASHI-LUANO	DEMO. REP THE CONG
80398	CT	LETICIA/VASQUEZCOBO	COLOMBIA	42369	T	LUCKNOW/AMAUSI	INDIA
72422	C	LEXINGTON/BLUEGRASS, KY.	USA	42099	C	LUDHIANA	INDIA
55591	CT	LHASA	CHINA	10156	C	LUEBECK-BLANKENSEE	GERMANY



# WMO PUB 9 VOL A

66285	CT	LUENA (LUSO)	ANGOLA	64556	C	MAKOKOU	GABON
06770	C	LUGANO	SWITZERLAND	64456	C	MAKOUA	CONGO
34523	C	LUHANS'K	UKRAINE	65271	C	MAKURDI	NIGERIA
98747	C	LUMBIA AIRPORT	PHILIPPINES	48665	C	MALACCA	MALAYSIA
61856	C	LUNGI	SIERRA LEONE	08482	C	MALAGA/AEROPUERTO	SPAIN
64209	C	LUOZI	DEMO. REP THE CONG	62840	C	MALAKAL	SUDAN
16597	C	LUQA	MALTA	66215	C	MALANGE	ANGOLA
67666	T	LUSAKA CITY AIRPORT	ZAMBIA	87506	C	MALARGUEAERO	ARGENTINA
67665	C	LUSAKA INTERNATIONALAIRPORT	ZAMBIA	17199	C	MALATYA/BOLGE	TURKEY
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	98751	C	MALAYBALAY	PHILIPPINES
03740	C	LYNEHAM	U KINGDOM	43555	C	MALE	MALDIVES
71078	C	LYNN LAKE, MAN.	CANADA	03980	C	MALIN HEAD	IRELAND
07481	C	LYON/SATOLAS	FRANCE	63799	C	MALINDI	KENYA
64452	C	M'POUYA	CONGO	64890	C	MAMFE	CAMEROON
60467	C	M'SILA	ALGERIA	61820	C	MAMOU	GUINEA
40310	C	MA'AN	JORDAN	65548	C	MAN	COTE D'IVOIRE
44294	C	MAANTI	MONGOLIA	78741	C	MANAGUA A.C.SANDINO	NICARAGUA
98648	C	MAASIN	PHILIPPINES	67143	C	MANANJARY	MADAGASCAR
82098	C	MACAPA	BRAZIL	82332	T	MANAUS (AEROPORTO)	BRAZIL
61847	C	MACENTA	GUINEA	03334	C	MANCHESTERAIRPORT	U KINGDOM
43185	C	MACHILIPATNAM	INDIA	48042	C	MANDALAY	MYANMAR
94367	C	MACKAY MO	AUSTRALIA	44341	C	MANDALGOVI	MONGOLIA
72217	C	MACON/LEWIS B. WILSON, GA.	USA	43285	T	MANGALORE/PANAMBUR	INDIA
94998	CT	MACQUARIE ISLAND	AUSTRALIA	65352	C	MANGO	TOGO
98646	C	MACTAN	PHILIPPINES	82533	C	MANICORE	BRAZIL
92014	C	MADANG W.O.	PAPUA N GUINEA	71722	CT	MANIWAKI.QUE.	CANADA
40430	CT	MADINAH	SAUDI ARABIA	43413	C	MANNAR	SRI LANKA
72641	C	MADISON/DANE COUNTY REGIONAL	USA	97530	C	MANOKWARI/RENDANI	INDONESIA
43279	CT	MADRAS/MINAMBAKKAM	INDIA	64282	C	MANONO	DEMO. REP THE CONG
08221	CT	MADRID/BARAJAS	SPAIN	67461	C	MANSA	ZAMBIA
47624	C	MAEBASHI	JAPAN	03797	C	MANSTON	U KINGDOM
40265	T	MAFRAQ	JORDAN	76654	C	MANZANILLO, COL.	MEXICO
61091	C	MAGARIA	NIGER	64701	C	MAO	CHAD
85114	C	MAGDALENA	BOLIVIA	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
10361	C	MAGDEBURG	GERMANY	87774	C	MAQUINCHAO	ARGENTINA
60522	C	MAGHNA	ALGERIA	87692	C	MAR DEL PLATA AERO	ARGENTINA
65082	C	MAIDUGURI	NIGERIA	82562	C	MARABA	BRAZIL
61096	C	MAINE-SOROA	NIGER	80407	C	MARACAIBO-LACHINITA	VENEZUELA
67073	C	MAINTIRANO	MADAGASCAR	80413	CT	MARACAY - B.A. SUCRE	VENEZUELA
47750	C	MAIZURU	JAPAN	61080	C	MARADI	NIGER
67027	C	MAJUNGA	MADAGASCAR	87467	C	MARCOS JUAREZ AERO	ARGENTINA
91376	C	MAJURO/MARSHALLS. INTL	USA CAR	08043	C	MARIN	SPAIN
64403	C	MAKABANA	CONGO	16325	C	MARINA DI GINOSA	ITALY
41030	C	MAKKAH	SAUDI ARABIA	68994	CT	MARION ISLAND	SOUTH AFRICA

# WMO PUB 9 VOL A

81415	C	MARIPASOULA	FRENCH GUIANA	86440	C	MELO	URUGUAY
86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY	97014	CT	MENADO/DR.SAM RATULANGI	INDONESIA
34712	C	MARIUPOL'	UKRAINE	61250	C	MENAKA	MALI
64851	C	MAROUA-SALAK	CAMEROON	87418	CT	MENDOZA AERO	ARGENTINA
72743	C	MARQUETTE,MI.	USA	80425	C	MENE GRANDE	VENEZUELA
60230	C	MARRAKECH	MOROCCO	56985	C	MENGI	CHINA
61996	CT	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS	66410	C	MENONGUE(SERPA PINTO)	ANGOLA
98543	C	MASBATE	PHILIPPINES	08314	C	MENORCA/MAHON	SPAIN
60506	C	MASCARA METMORE	ALGERIA	97980	C	MERAUKE/MOPAH	INDONESIA
40745	CT	MASHHAD	IRAN, ISLAMIC REP	86490	C	MERCEDES	URUGUAY
37860	C	MASHTAGA	AZERBAIJAN	80438	C	MERIDA	VENEZUELA
41288	C	MASIRAH	OMAN	72234	C	MERIDIAN/KEY,MS.	USA
44314	C	MATAD	MONGOLIA	62306	CT	MERSA MATRUH	EGYPT
64207	C	MATADI	DEMO. REP THE CONG	17340	C	MERSIN	TURKEY
61630	C	MATAM	SENEGAL	48674	C	MERSING	MALAYSIA
47741	C	MATSUE	JAPAN	16420	C	MESSINA	ITALY
47618	C	MATSUMOTO	JAPAN	16734	C	METHONI	GREECE
47887	C	MATSUYAMA	JAPAN	76680	C	MEXICO (CENTRAL),D.F.	MEXICO
84600	C	MATUCANA	PERU	67599	C	MFUWE	ZAMBIA
80435	C	MATURIN	VENEZUELA	72202	C	MIAMI, FL.	USA
68032	C	MAUN	BOTSWANA	41592	C	MIANWALI	PAKISTAN
66447	C	MAVINGA	ANGOLA	60195	C	MIDELT	MOROCCO
89564	CT	MAWSON	AUSTRALIA	72265	C	MIDLAND/MIDLANDREG., TX.	USA
64503	C	MAYUMBA	GABON	99090	CT	MIKE	OCEAN WEATHER STATI
40911	C	MAZAR-I-SHARIF	AFGHANISTAN	33846	C	MIKOLAIV	UKRAINE
84760	C	MAZO CRUZ	PERU	84202	C	MILAGRO	ECUADOR
67413	C	MBALA	ZAMBIA	16080	CT	MILANO/LINATE	ITALY
64005	C	MBANDAKA	DEMO. REP THE CONG	94693	C	MILDURA AIRPORT	AUSTRALIA
64247	C	MBUJI-MAYI	DEMO. REP THE CONG	11464	C	MILESOVKA	CZECH REP
70231	C	MCGRATH	USA	60430	C	MILIANA	ALGERIA
71897	C	MCINNES IS.,B.C.	CANADA	07558	C	MILLAU	FRANCE
71125	C	MEADOW LAKE,SASK.	CANADA	16738	C	MILOS	GREECE
60549	C	MECHERIA	ALGERIA	72640	C	MILWAUKEE/GEN.MITCHELL, WI.	USA
96035	CT	MEDAN/POLONIA	INDONESIA	47945	CT	MINAMIDAITOJIMA	JAPAN
60437	C	MEDEA	ALGERIA	47991	CT	MINAMITORISHIMA	JAPAN
72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA	38816	C	MINCHUKUR	UZBEKISTAN
71872	C	MEDICINE HAT,ALTA.	CANADA	43369	CT	MINICOY	INDIA
94430	CT	MEEKATHARRAIRPORT	AUSTRALIA	65123	C	MINNA	NIGERIA
48053	T	MEIKTILA	MYANMAR	72658	C	MINNEAPOLIS/ST.PAULINTL,MN.	USA
10548	CT	MEININGEN	GERMANY	26850	CT	MINSK	BELARUS
64545	C	MEKAMBO	GABON	29866	C	MINUSINSK	RUSSIAN FEDERATION
60150	C	MEKNES	MOROCCO	62386	C	MINYA	EGYPT
94866	CT	MELBOURNE AIRPORT	AUSTRALIA	96449	C	MIRI	MALAYSIA
60338	C	MELILLA	SPAIN	89592	CT	MIRNYJ	USSR

# WMO PUB 9 VOL A

92087	C	MISIMA W.O.	PAPUA N GUINEA	27612	CT	MOSKVA	RUSSIAN FEDERATION
12772	C	MISKOLC	HUNGARY	60456	C	MOSTAGANEMPORT	ALGERIA
72773	C	MISSOULA/JOHNSON-BELLF.,MT.	USA	60457	C	MOSTAGANEMVILLE	ALGERIA
62016	C	MISURATA	LIBYAN ARAB JAMAHIR	40608	C	MOSUL	IRAQ
64552	C	MITZIC	GABON	64550	C	MOUILA	GABON
47585	C	MIYAKO	JAPAN	71072	CT	MOULD BAY, N.W.T.	CANADA
47927	C	MIYAKOJIMA	JAPAN	64706	C	MOUNDOU	CHAD
47830	C	MIYAZAKI	JAPAN	94821	CT	MOUNT GAMBIER AERO	AUSTRALIA
68242	CT	MMABATHO	SOUTH AFRICA	88889	T	MOUNT PLEASANT AIRPORT	UK FALKLAND ISLANDS
64565	C	MOANDA	GABON	72613	C	MOUNT WASHINGTON,NH.	USA
64665	C	MOBAYE	CENTRAL AFRICAN REP	64402	C	MOUYONDZI	CONGO
72223	C	MOBILE/BATESFIELD, AL.	USA	63619	C	MOYALE	KENYA
66422	C	MOCAMEDES	ANGOLA	84435	C	MOYOBAMBA	PERU
63260	C	MOGADISCIO	SOMALIA	67477	C	MPIKA	ZAMBIA
30673	C	MOGOCA	RUSSIAN FEDERATION	94332	CT	MT ISA AERO	AUSTRALIA
68452	C	MOKHOTLONG	LESOTHO	63971	C	MTWARA	U REP TANZANIA
47165	C	MOKPO	REP KOREA	10870	C	MUENCHEN,FLUGHAFEN	GERMANY
78401	C	MOLE SAINT-NICOLAS	HAITI	10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY
72544	C	MOLINE/QUADCITY, IL.	USA	17292	C	MUGLA	TURKEY
89542	CT	MOLODEZNAJA	USSR	42147	C	MUKTESHWARKUMAON	INDIA
92044	CT	MOMOTE W.O.	PAPUA N GUINEA	41675	CT	MULTAN	PAKISTAN
66310	C	MONBACA (BENGUELA)	ANGOLA	98329	C	MUNOZ	PHILIPPINES
76342	C	MONCLOVA,COAH.	MEXICO	08430	T	MURCIA	SPAIN
71705	C	MONCTON,N.B.	CANADA	08433	C	MURCIA/SAN JAVIER	SPAIN
64758	C	MONGO	CHAD	44231	C	MUREN	MONGOLIA
67633	C	MONGU	ZAMBIA	22113	CT	MURMANSK	RUSSIAN FEDERATION
07560	C	MONT AIGOUAL	FRANCE	47899	C	MUROTOMISAKI	JAPAN
71718	C	MONT JOLI,QUE.	CANADA	41573	C	MURREE	PAKISTAN
07607	C	MONT-DE-MARSAN	FRANCE	72636	C	MUSKEGON/COUNTY,MI.	USA
87393	C	MONTE CASEROS AERO	ARGENTINA	71630	C	MUSKOKA,ONT.	CANADA
85312	C	MONTEAGUDO	BOLIVIA	41006	C	MUWAIH	SAUDI ARABIA
08003	C	MONTEFARO	SPAIN	63756	C	MWANZA	U REP TANZANIA
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	67441	C	MWINILUNGA	ZAMBIA
76393	C	MONTERREY,N.L.	MEXICO	48008	C	MYITKYINA	MYANMAR
83437	C	MONTES CLAROS	BRAZIL	33466	C	MYRONIVKA	UKRAINE
72226	C	MONTGOMERY/DANNELLYAL.	USA	25173	CT	MYS SHMIDTA	RUSSIAN FEDERATION
07643	C	MONTPELLIER	FRANCE	25399	C	MYS UELEN	RUSSIAN FEDERATION
71627	C	MONTREAL/DORVALINT'L,QUE	CANADA	16667	C	MYTILINI (AIRPORT)	GREECE
71864	C	MOOSE JAW,SASK.	CANADA	64654	C	N'DELE	CENTRAL AFRICAN REP
71836	T	MOOSONEE,ONT.	CANADA	61049	C	N'GUIGMI	NIGER
61265	C	MOPTI	MALI	61849	C	N'ZEREKORE	GUINEA
76665	C	MORELIA,MICH.	MEXICO	60557	C	NAAMA	ALGERIA
47584	C	MORIOKA	JAPAN	92047	C	NADZAB W.O.	PAPUA N GUINEA
67001	C	MORONI AIRPORT (GRANDE-COMOR	COMOROS	47817	C	NAGASAKI	JAPAN

# WMO PUB 9 VOL A

47636	C	NAGOYA	JAPAN	72231	C	NEW ORLEANS/MOISANTINT., LA	USA
42867	CT	NAGPUR/SONEGAON	INDIA	93309	C	NEW PLYMOUTH AWS	N ZEALAND
47936	CT	NAHA	JAPAN	72503	C	NEW YORK/LAGUARDIA, NY.	USA
63741	T	NAIROBI/DAGORETTI	KENYA	72305	T	NEWPORT, NC	USA
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	64870	C	NGAOUNDERE	CAMEROON
41128	C	NAJRAN	SAUDI ARABIA	48877	C	NHA TRANG	VIET NAM
48431	C	NAKHONRATCHASIMA	THAILAND	61052	CT	NIAMEY-AERO	NIGER
48400	C	NAKHONSAWAN	THAILAND	65355	C	NIAMTOUGOU	TOGO
62002	C	NALUT	LIBYAN ARAB JAMAHIR	07690	C	NICE	FRANCE
38611	CT	NAMANGAN	UZBEKISTAN	17250	C	NIGDE	TURKEY
67237	CT	NAMPULA	MOZAMBIQUE	47604	C	NIIGATA	JAPAN
58606	C	NANCHANG	CHINA	02942	C	NIINISALO	FINLAND
07180	CT	NANCY/ESSEY	FRANCE	32618	C	NIKOL'SKOE	RUSSIAN FEDERATION
91680	CT	NANDI	FIJI	31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION
59431	C	NANNING	CHINA	07645	T	NIMES/COURBESSAC	FRANCE
07222	C	NANTES	FRANCE	98429	C	NINOY AQUINO INTER-NATIONAL	PHILIPPINES
16289	C	NAPOLI/CAPODICHINO	ITALY	61230	C	NIRO DU SAHEL	MALI
23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION	71130	C	NIPAWIN, SASK.	CANADA
61233	C	NARA	MALI	23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION
04270	T	NARSARSUAQ	GREENLAND	61878	C	NJALA	SIERRA LEONE
72327	CT	NASHVILLE/METROPOLITAN, TN.	USA	41710	CT	NOKKUNDI	PAKISTAN
40676	C	NASIRIYA	IRAQ	70200	CT	NOME	USA
78073	CT	NASSAU AIRPORT	BAHAMAS	94996	CT	NORFOLK ISLAND AERO	AUSTRALIA
82598	C	NATAL	BRAZIL	72308	C	NORFOLK/INT., VA.	USA
82599	T	NATAL (AEROPORTO)	BRAZIL	72556	C	NORFOLK/KARLSTEFAN, NE.	USA
71813	C	NATASHQUAN, QUE.	CANADA	71043	CT	NORMAN WELLS UA, N.W.T.	CANADA
65319	C	NATITINGOU	BENIN	71876	C	NORTH BATTLEFORD, SASK.	CANADA
91683	C	NAUSORI	FIJI	71731	C	NORTH BAY, ONT.	CANADA
41749	CT	NAWABSHAH	PAKISTAN	72340	C	NORTH LITTLE ROCK/MUNICIPAL	USA
37936	C	NAXCIVAN	AZERBAIJAN	72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA
16732	C	NAXOS	GREECE	71141	C	NORWAY HOUSE, MAN.	CANADA
47909	CT	NAZE	JAPAN	61415	CT	NOUADHIBOU	MAURITANIA
64700	CT	NDJAMENA	CHAD	61442	C	NOUAKCHOTT	MAURITANIA
67561	C	NDOLA	ZAMBIA	91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA
38634	C	NEBITDAG	TURKMENISTAN	89512	C	NOVOLAZAREVSKAJA	USSR
80315	C	NEIVA/BENITOSALAS	COLOMBIA	34691	C	NOVYJ USTOGAN	KAZAKHSTAN
61497	C	NEMA	MAURITANIA	10763	C	NUERNBERG	GERMANY
47420	CT	NEMURO	JAPAN	78718	C	NUEVA OCOTEPEQUE	HONDURAS
10280	C	NEUBRANDENBURG	GERMANY	87550	C	NUEVE DE JULIO	ARGENTINA
10557	C	NEUHAUS A.R.	GERMANY	84132	C	NUEVO ROCAFUERTE	ECUADOR
89002	CT	NEUMAYER	GERMANY	04250	C	NUUK (GODTHAAB)	GREENLAND
87715	CT	NEUQUEN AERO	ARGENTINA	91212	C	NWSO AGANDA, GUAM, MARIANA,	USA ND
10270	C	NEURUPPIN	GERMANY	62790	C	NYALA	SUDAN
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	62200	C	OBARI	LIBYAN ARAB JAMAHIR

# WMO PUB 9 VOL A

47417	C	OBIHIRO	JAPAN	60421	C	OUM EL BOUAGHI	ALGERIA
64659	C	OBO	CENTRAL AFRICAN REP	08015	C	OVIEDO	SPAIN
33837	CT	ODESA	UKRAINE	47663	C	OWASE	JAPAN
65528	C	ODIENNE	COTE D'IVOIRE	87823	C	P.MADRYN AERO	ARGENTINA
31088	CT	OHOTSK	RUSSIAN FEDERATION	41746	C	PAD IDAN	PAKISTAN
47815	C	OITA	JAPAN	96163	C	PADANG/TABING	INDONESIA
24688	C	OJMJAKON	RUSSIAN FEDERATION	91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA
24125	CT	OLENEK	RUSSIAN FEDERATION	96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA
72792	C	OLYMPIA, WA.	USA	48955	C	PAKSE	LAO PDR
47655	C	OMAEZAKI	JAPAN	64709	C	PALA	CHAD
72553	C	OMAHA, NE.	USA	96221	C	PALEMBANG/TALANGBETUTU	INDONESIA
44215	C	OMNO-GOBI	MONGOLIA	16410	C	PALERMO BOCCADIFALCO	ITALY
28698	CT	OMSK	RUSSIAN FEDERATION	08301	T	PALMA DE MALLORCA	SPAIN
47598	C	ONAHAMA	JAPAN	08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN
91699	C	ONO-I-LAU	FIJI	80479	C	PALMICHAL	VENEZUELA
87016	C	ORAN AERO	ARGENTINA	40061	C	PALMYRA	SYRIAN ARAB REP
60461	C	ORAN PORT	ALGERIA	97072	C	PALU/MUTIARA	INDONESIA
60490	C	ORAN/ES SENIA	ALGERIA	43363	C	PAMBAN	INDIA
35121	CT	ORENBURG	RUSSIAN FEDERATION	96237	C	PANGKALPINANG/PANGKALPINANG	INDONESIA
01241	CT	ORLAND	NORWAY	41739	CT	PANJGUR	PAKISTAN
72205	C	ORLANDO/JETPORT,FL.	USA	41560	CT	PARACHINAR	PAKISTAN
40712	C	ORUMIEH	IRAN, ISLAMIC REP	65330	C	PARAKOU	BENIN
85242	C	ORURO	BOLIVIA	87374	C	PARANA AERO	ARGENTINA
47772	C	OSAKA	JAPAN	93417	CT	PARAPARAUMUAERODROME	N ZEALAND
47122	T	OSAN AB	REP KOREA	07149	C	PARIS-ORLY	FRANCE
10480	C	OSCHATZ	GERMANY	82287	C	PARNAIBA	BRAZIL
47675	C	OSHIMA	JAPAN	41759	C	PASNI	PAKISTAN
01384	CT	OSLO/GARDERMOEN	NORWAY	87814	C	PASO DE INDIOS	ARGENTINA
85782	C	OSORNO	CHILE	87289	C	PASO DE LOS LIBRES AERO	ARGENTINA
11782	C	OSTRAVA/MOSNOV	CZECH REP	86460	C	PASO DE LOS TOROS	URUGUAY
21965	C	OSTROV CHETYREHSTOLBOVOY	RUSSIAN FEDERATION	42492	T	PATNA	INDIA
20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION	82791	C	PATOS	BRAZIL
21432	CT	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION	36003	CT	PAVLODAR	KAZAKHSTAN
20069	C	OSTROV VIZE	RUSSIAN FEDERATION	06610	CT	PAYERNE	SWITZERLAND
71628	C	OTTAWA INT'L. ONT.	CANADA	86430	C	PAYSANDU	URUGUAY
65503	C	OUAGADOUGOU	BURKINA FASO	71068	C	PEACE RIVER,ALTA.	CANADA
65502	C	OUAHIGOUYA	BURKINA FASO	12942	C	PECS/POGANY	HUNGARY
67004	C	OUANI (ANJOUAN)	COMOROS	86097	C	PEDRO JUAN CABALLERO	PARAGUAY
60580	C	OUARGLA	ALGERIA	87544	C	PEHUAJO AERO	ARGENTINA
60265	C	OUARZAZATE	MOROCCO	91554	C	PEKOA AIRPORT (SANTO)	VANUATU
07100	C	OUESSANT	FRANCE	67215	C	PEMBA	MOZAMBIQUE
64458	C	OUESSO	CONGO	48601	CT	PENANG/BAYANLEPAS	MALAYSIA
60115	C	OUIDA	MOROCCO	72688	C	PENDLETON,OR.	USA
02875	C	OULU	FINLAND	71889	C	PENTICTON,B.C.	CANADA

# WMO PUB 9 VOL A

72532	C	PEORIA/GREATERPEORIA, IL.	USA	33705	C	POMICHNA	UKRAINE
80210	C	PEREIRA/MATECANA	COLOMBIA	91348	C	PONAPE, CAROLINE ISLANDS.	USA
87852	C	PERITO MORENO AERO	ARGENTINA	71095	C	POND INLET, N.W.T.	CANADA
28224	C	PERM'	RUSSIAN FEDERATION	08513	C	PONTA DELGADA/(OBS.)	PORTUGAL
07747	C	PERPIGNAN	FRANCE	83702	C	PONTA PORA	BRAZIL
94610	CT	PERTH AIRPORT	AUSTRALIA	96581	C	PONTIANAK/SUPADIO	INDONESIA
16230	C	PESCARA	ITALY	43063	C	POONA	INDIA
41530	CT	PESHAWAR	PAKISTAN	11952	T	POPRAD-GANOVCE	SLOVAKIA
71625	C	PETAWAWA, ONT.	CANADA	11934	C	POPRAD/TATRY	SLOVAKIA
82983	C	PETROLINA	BRAZIL	80421	C	PORLAMAR (AEROPUERTO INT. DE	VENEZUELA
28679	C	PETROPAVLOVSK	KAZAKHSTAN	43333	CT	PORT BLAIR	INDIA
32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION	68842	CT	PORT ELIZABETH	SOUTH AFRICA
48887	C	PHANTHIEP	VIET NAM	65250	C	PORT HARCOURT	NIGERIA
72408	C	PHILADELPHIA/INT., PA.	USA	71109	CT	PORT HARDY UA, B.C.	CANADA
48378	C	PHITSANULOK	THAILAND	94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA
48991	C	PHNOM-PENH/POCHENTONG	CAMBODIA	70333	C	PORT HEIDEN	USA
72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA	92035	C	PORT MORESBY W.O.	PAPUA N GUINEA
48826	C	PHU LIEN	VIET NAM	62641	C	PORT SUDAN	SUDAN
48917	C	PHU QUOC	VIET NAM	78437	C	PORT-AU-PRINCE(DAMIEN)	HAITI
78970	CT	PIARCO INT. AIRPORT, TRINIDAD	TRINIDAD AND TOBAGO	78439	C	PORT-AU-PRINCE/AEROPORT INT.	HAITI
84140	C	PICHILINGUE	ECUADOR	71197	C	PORT-AUX-BASQUES, NFLD.	CANADA
71845	CT	PICKLE LAKE, ONT.	CANADA	61998	CT	PORT-AUX-FRANCAIS (ILES KERG	OCEAN ISLANDS
72652	C	PICKSTOWN, SD.	USA	64501	C	PORT-GENTIL	GABON
68174	CT	PIETERSBURG	SOUTH AFRICA	08571	C	PORTALEGRE	PORTUGAL
87679	C	PIGUE AERO	ARGENTINA	72698	C	PORTLAND/INT., OR.	USA
86255	C	PILAR	PARAGUAY	72606	C	PORTLAND/INTNL JET PORT, ME	USA
87349	C	PILAR OBSERVATORIO	ARGENTINA	83967	C	PORTO ALEGRE	BRAZIL
98442	C	PILI	PHILIPPINES	83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL
16158	C	PISA/S. GIUSTO	ITALY	83064	C	PORTO NACIONAL	BRAZIL
84691	C	PISCO	PERU	82825	C	PORTO VELHO	BRAZIL
72520	C	PITTSBURGH/GREATER PITT., PA.	USA	82824	T	PORTO VELHO (AEROPORTO)	BRAZIL
84401	C	PIURA	PERU	08546	C	PORTO/SERRADO PILAR	PORTUGAL
37050	C	PJATIGORSK	RUSSIAN FEDERATION	84135	C	PORTOVIEJO	ECUADOR
61990	C	PLAISANCE (MAURITIUS)	MAURITIUS	87178	C	POSADAS AERO.	ARGENTINA
07117	C	PLOUMANACH	FRANCE	83332	C	POSSE	BRAZIL
65518	C	PO	BURKINAFASO	85293	C	POTOSI	BOLIVIA
72578	C	POCATELLO/NUM., ID.	USA	10379	C	POTSDAM	GERMANY
13463	C	PODGORICA-GRAD	YUGOSLAVIA	12330	CT	POZNAN	POLAND
61612	C	PODOR	SENEGAL	86125	C	POZO COLORADO	PARAGUAY
47138	CT	POHANG	REP KOREA	48500	C	PRACHUAP KHIRIKHAN	THAILAND
64400	C	POINTE-NOIRE	CONGO	11520	CT	PRAHA-LIBUS	CZECH REP
07335	C	POITIERS	FRANCE	11518	C	PRAHA/RUZYNE	CZECH REP
20046	CT	POLARGMOIM. E.T. KRENKELJA	RUSSIAN FEDERATION	16245	T	PRATICA DI MARE	ITALY
33506	C	POLTAVA	UKRAINE	86065	C	PRATS-GIL	PARAGUAY

# WMO PUB 9 VOL A

87148	C	PRESIDENCIA ROQUE SAENZ PENO	ARGENTINA	84160	C	QUEROCHACA	ECUADOR
68262	C	PRETORIA	SOUTH AFRICA	41660	C	QUETTA AIRPORT	PAKISTAN
11659	C	PRIBYSLAV	CZECH REP	80144	C	QUIBDO/EL CARANO	COLOMBIA
11423	C	PRIMDA	CZECH REP	84670	C	QUILLABAMBA	PERU
71869	C	PRINCE ALBERT, SASK.	CANADA	72797	C	QUILLAYUTE, WA.	USA
71896	CT	PRINCE GEORGE, B.C.	CANADA	84677	C	QUINCEMIL	PERU
71898	C	PRINCE RUPERT, B.C.	CANADA	85543	CT	QUINTERO	CHILE
04390	C	PRINS CHRISTIAN SUND	GREENLAND	84071	C	QUITO AEROPUERTO	ECUADOR
72507	C	PROVIDENCE/GREENSTATE, RI.	USA	82586	C	QUIXERAMOBIM	BRAZIL
80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA	48870	C	QUY NHON	VIET NAM
12695	C	PRZEMYSL	POLAND	60135	C	RABAT-SALE	MOROCCO
80412	C	PTO. CABELLO	VENEZUELA	40362	C	RAFHA	SAUDI ARABIA
84515	C	PUCALLPA	PERU	72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA
85574	C	PUDAHUEL	CHILE	41859	C	RANGPUR	BANGLADESH
76685	C	PUEBLA, PUE.	MEXICO	71083	C	RANKIN INLET, N.W.T.	CANADA
80457	C	PUERTO AYACUCHO	VENEZUELA	93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND
84567	C	PUERTO BERMUDEZ	PERU	91997	T	RAOUL ISLAND, KERMADECIS.	N ZEALAND
80139	C	PUERTO CARRENO/A. GUAUQUEA	COLOMBIA	91958	CT	RAPA	FRENCH POLY.
86086	C	PUERTO CASADO	PARAGUAY	72662	C	RAPID CITY/REGIONAL AIRPORT,	USA
87896	C	PUERTO DESEADO AERO	ARGENTINA	91843	CT	RAROTONGA	COOK ISLANDS
84560	C	PUERTO ESPERANZA	PERU	40102	C	RAYACK	LEBANON
78711	C	PUERTO LEMPIRA	HONDURAS	22602	C	REBOLY	RUSSIAN FEDERATION
78767	C	PUERTO LIMON	COSTA RICA	82900	CT	RECIFE (CURADO)	BRAZIL
84658	C	PUERTO MALDONADO	PERU	87270	C	RECONQUISTA AERO	ARGENTINA
85799	CT	PUERTO MONTT	CHILE	71878	C	RED DEER, ALTA.	CANADA
78458	C	PUERTO PLATA	DOMINICAN REP	71854	C	RED LAKE, ONT.	CANADA
98618	C	PUERTO PRINCESA	PHILIPPINES	71863	C	REGINA, SASK.	CANADA
85289	C	PUERTO SUAREZ	BOLIVIA	07070	C	REIMS	FRANCE
85934	CT	PUNTA ARENAS	CHILE	82979	C	REMANSO	BRAZIL
84775	C	PUNTA COLES	PERU	96171	C	RENGAT/JAPURA	INDONESIA
87596	C	PUNTA INDIO B.A.	ARGENTINA	07130	C	RENNES	FRANCE
78760	C	PUNTARENAS	COSTA RICA	72488	C	RENO/INT., NV.	USA
70249	C	PUNTILLA	USA	84396	C	REQUENA	PERU
84705	C	PUQUIO	PERU	87155	CT	RESISTENCIA AERO.	ARGENTINA
47159	C	PUSAN	REP KOREA	71924	CT	RESOLUTE UA, N.W.T.	CANADA
84179	C	PUYO	ECUADOR	16758	C	RETHYMNON	GREECE
47058	CT	PYONGYANG	DPR KOREA	85140	C	REYES	BOLIVIA
37740	C	QABALA	AZERBAIJAN	04030	C	REYKJAVIK	ICELAND
68456	C	QACHA'S NEK	LESOTHO	16749	C	RHODES (AIRPORT)	GREECE
56137	C	QAMDO	CHINA	85043	C	RIBERALTA	BOLIVIA
54857	C	QINGDAO	CHINA	72401	C	RICHMOND/BYRD, VA.	USA
50745	C	QIQIHAR	CHINA	26422	T	RIGA	LATVIA
71714	C	QUEBEC, QUE	CANADA	91948	CT	RIKITEA	FRENCH POLY.
67283	C	QUELIMANE	MOZAMBIQUE	44203	C	RINCHINHUMBE	MONGOLIA

# WMO PUB 9 VOL A

82915	C	RIO BRANCO	BRAZIL	85141	C	RURRENABAQUE	BOLIVIA
87736	C	RIO COLORADO	ARGENTINA	40642	C	RUTBAH	IRAQ
87453	C	RIO CUARTO AERO	ARGENTINA	28966	C	RUZAEVKA	KAZAKHSTAN
83743	C	RIO DE JANEIRO	BRAZIL	61931	C	S. TOME	OCEAN ISLANDS
87925	C	RIO GALLEGOS AERO	ARGENTINA	96001	C	SABANG/CUTBAU	INDONESIA
87934	C	RIO GRANDE B.A.	ARGENTINA	71600	CT	SABLE ISLAND,N.S.	CANADA
80035	T	RIOHACHA/ALMIRANTEPADILLA	COLOMBIA	72483	C	SACRAMENTO/EXECUTIVECA.	USA
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	06680	C	SAENTIS	SWITZERLAND
41533	C	RISALPUR	PAKISTAN	42671	C	SAGAR	INDIA
87065	C	RIVADAVIA	ARGENTINA	60536	C	SAIDA	ALGERIA
86350	C	RIVERA	URUGUAY	41523	C	SAIDU SHARIF	PAKISTAN
33301	C	RIVNE	UKRAINE	47740	C	SAIGO	JAPAN
40438	C	RIYADH	SAUDI ARABIA	44336	C	SAIKHAN-OVOO	MONGOLIA
41443	C	RIYAN	YEMEN	81408	C	SAINT GEORGES DE L'OYAPOCK	FRENCH GUIANA
17040	C	RIZE	TURKEY	71609	C	SAINT JOHN, N.B.	CANADA
72411	C	ROANOKE/MUN.,VA.	USA	61980	C	SAINT-DENIS/GILLOT(REUNION)	OCEAN ISLANDS
78703	C	ROATAN	HONDURAS	81401	C	SAINT-LAURENT-DU-MARONI	FRENCH GUIANA
65660	C	ROBERTS FIELD	LIBERIA	61600	C	SAINT-LOUIS	SENEGAL
71728	C	ROBERVAL,QUE.	CANADA	71805	C	SAINT-PIERRE	ST. PIERRE AND MIQU
85268	C	ROBORE	BOLIVIA	08594	CT	SAL ISLAND	CAPE VERDE
86565	C	ROCHA	URUGUAY	41316	CT	SALALAH	OMAN
72644	C	ROCHESTER/MUN.,MN.	USA	08202	C	SALAMANCA/MATACAN	SPAIN
72529	C	ROCHESTER/R-MONROECTY., NY.	USA	23330	CT	SALEHARD	RUSSIAN FEDERATION
72543	C	ROCKFORD/GREATERROCKFORD,I	USA	72572	C	SALT LAKE CITY/INTL, UT.	USA
94374	C	ROCKHAMPTON AERO	AUSTRALIA	87047	CT	SALTA AERO	ARGENTINA
71928	C	ROCKY MTN HOUSE, ALTA	CANADA	76390	C	SALTILLO,COAH	MEXICO
61988	C	RODRIGUES	MAURITIUS	86360	C	SALTO	URUGUAY
06190	C	ROENNE	DENMARK & FAROE IS.	86210	C	SALTOS DEL GUAIRA	PARAGUAY
41725	C	ROHRI	PAKISTAN	83229	CT	SALVADOR	BRAZIL
16239	C	ROMA/CIAMPINO	ITALY	37913	C	SALYAN	AZERBAIJAN
98536	C	ROMBLON	PHILIPPINES	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
87480	C	ROSARIO AERO	ARGENTINA	35925	C	SAM	KAZAKHSTAN
03957	C	ROSSLARE	IRELAND	38696	C	SAMARKAND	UZBEKISTAN
61489	C	ROSSO	MAURITANIA	16723	C	SAMOS (AIRPORT)	GREECE
10170	C	ROSTOCK-WARNEMUENDE	GERMANY	17030	CT	SAMSUN	TURKEY
34731	CT	ROSTOV-NA-DONU	RUSSIAN FEDERATION	61277	C	SAN	MALI
89062	C	ROTHERA POINT	U KINGDOM N	80001	CT	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA
91650	C	ROTUMA	FIJI	72263	C	SAN ANGELO/MATHIS,TX.	USA
07037	C	ROUEN	FRANCE	80447	CT	SAN ANTONIO DEL TACHIRA	VENEZUELA
98538	C	ROXAS	PHILIPPINES	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
33834	C	ROZDIL'NA	UKRAINE	72253	C	SAN ANTONIO/INT.,TX.	USA
64383	C	RUHENGERI	RWANDA	85152	C	SAN BORJA	BOLIVIA
47406	C	RUMOJI	JAPAN	84008	C	SAN CRISTOBAL (GALAPAGOS)	ECUADOR
51777	C	RUOQIANG	CHINA	72290	C	SAN DIEGO/LINDBERGH,CA.	USA



# WMO PUB 9 VOL A

80450	C	SAN FERNANDODE APURE	VENEZUELA	83780	T	SAO PAULO (AEROPOR-TO)	BRAZIL
98437	C	SAN FRANCISCO	PHILIPPINES	47412	CT	SAPPORO	JAPAN
72494	C	SAN FRANCISCO/INTL.CA.	USA	38974	C	SARAGT	TURKMENISTAN
85153	C	SAN IGNACIO DE MOXOS	BOLIVIA	14654	C	SARAJEVO/BEJELAVE	BOSNIA AND HERZGOVI
85207	C	SAN IGNACIO DE VELASCO	BOLIVIA	33896	C	SARATA	UKRAINE
85195	C	SAN JAVIER	BOLIVIA	34172	CT	SARATOV	RUSSIAN FEDERATION
85104	C	SAN JOAQUIN	BOLIVIA	41594	CT	SARGODHA	PAKISTAN
98531	C	SAN JOSE	PHILIPPINES	64750	C	SARH	CHAD
85247	C	SAN JOSE DE CHIQUITOS	BOLIVIA	33088	C	SARNY	UKRAINE
84721	C	SAN JUAN	PERU	71866	CT	SASKATOON,SASK.	CANADA
87311	C	SAN JUAN AERO	ARGENTINA	65599	C	SASSANDRA	COTE D'IVOIRE
86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY	71260	C	SAULT STE MARIE, ONT.	CANADA
80431	C	SAN JUAN DE LOS MORROS	VENEZUELA	72734	C	SAULT STE. MARIE, MI.	USA
78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US	97900	C	SAUMLAKI	INDONESIA
87909	C	SAN JULIAN AERO	ARGENTINA	66226	C	SAURIMO (HENRIQUE DE CARVALHO	ANGOLA
87436	C	SAN LUIS AERO	ARGENTINA	72207	C	SAVANNAH/MUNICIPAL,GA.	USA
85210	C	SAN MATIAS	BOLIVIA	48947	C	SAVANNAKHET	LAO PDR
65594	C	SAN PEDRO	COTE D'IVOIRE	65335	C	SAVE	BENIN
87509	C	SAN RAFAEL AERO	ARGENTINA	48938	C	SAYABOURY	LAO PDR
85109	C	SAN RAMON	BOLIVIA	71828	C	SCHEFFERVILLE,QUE.	CANADA
78662	C	SAN SALVADOR	EL SALVADOR	10035	CT	SCHLESWIG	GERMANY
08027	C	SAN SEBASTIAN/IGUELDO	SPAIN	10552	C	SCHMUECKE	GERMANY
96491	C	SANDAKAN	MALAYSIA	10162	C	SCHWERIN	GERMANY
71101	C	SANDSPIT,B.C.	CANADA	98430	C	SCIENCE GARDEN	PHILIPPINES
98428	C	SANGLEY POINT	PHILIPPINES	72793	C	SEATTLE/S.-TACOMA,WA.	USA
17270	C	SANLIURFA	TURKEY	62124	CT	SEBHA	LIBYAN ARAB JAMAHIR
85123	C	SANTA ANA	BOLIVIA	41256	CT	SEEB, INTERNATIONAL AIRPORT	OMAN
87912	C	SANTA CRUZ AERO	ARGENTINA	10261	C	SEEHAUSEN	GERMANY
60020	CT	SANTA CRUZ DE TENE- RIFE, CM	SPAIN	61892	C	SEFADU	SIERRA LEONE
85245	C	SANTA CRUZ/EL TROMPILLO	BOLIVIA	61272	C	SEGOU	MALI
80462	CT	SANTA ELENA DE UAIREN	VENEZUELA	25703	CT	SEJMCHAN	RUSSIAN FEDERATION
08515	C	SANTA MARIA (ACORES)	PORTUGAL	96837	C	SEMARANG	INDONESIA
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	36177	C	SEMIPALATINSK	KAZAKHSTAN
87623	CT	SANTA ROSA AERO	ARGENTINA	62762	C	SENNAR	SUDAN
78717	C	SANTA ROSA DE COPAN	HONDURAS	48948	C	SENO	LAO PDR
08023	CT	SANTANDER	SPAIN	47108	C	SEOUL	REP KOREA
84505	C	SANTIAGO DE CHUCO	PERU	71811	CT	SEPT-ILES UA,QUE.	CANADA
87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA	61976	C	SERGE-FROLOW (ILE TROMELIN)	OCEAN ISLANDS
85577	C	SANTIAGO QUINTA NORMAL	CHILE	16606	C	SERRAI	GREECE
78486	CT	SANTO DOMINGO	DOMINICAN REP	67741	C	SESHEKE	ZAMBIA
82668	C	SAO FELIX DO XINGU	BRAZIL	60445	C	SETIF	ALGERIA
82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL	37709	C	SEVAN	ARMENIA
82280	CT	SAO LUIZ	BRAZIL	08391	C	SEVILLA/SAN PABLO	SPAIN
83781	C	SAO PAULO	BRAZIL	70277	C	SEWARD	USA

# WMO PUB 9 VOL A

63980	C	SEYCHELLESINT. AIRPORT	SEYCHELLES	17090	C	SIVAS	TURKEY
62056	C	SHAHAT	LIBYAN ARAB JAMAHIR	62417	C	SIWA	EGYPT
37661	C	SHAKI	AZERBAIJAN	60355	C	SKIKDA	ALGERIA
37759	C	SHAMAKHY	AZERBAIJAN	16684	C	SKYROS (AIRPORT)	GREECE
58362	CT	SHANGHAI	CHINA	71069	C	SLAVE LAKE, ALTA	CANADA
03962	C	SHANNON AIRPORT	IRELAND	11903	C	SLIAC	SLOVAKIA
59316	C	SHANTOU	CHINA	71950	C	SMITHERS,B.C.	CANADA
41136	C	SHARURAH	SAUDI ARABIA	02836	CT	SODANKYLA	FINLAND
71601	C	SHEARWATER,N.S.	CANADA	15614	CT	SOFIA (OBSERV.)	BULGARIA
70414	T	SHEMYA AFB	USA	65361	C	SOKODE	TOGO
54342	C	SHENYANG	CHINA	91551	C	SOLA (VANUA LAVA)	VANUATU
33317	T	SHEPETIVKA	UKRAINE	67551	C	SOLWEZI	ZAMBIA
71610	C	SHERBROOKE,QUE.	CANADA	48806	C	SON LA	VIET NAM
72666	C	SHERIDAN/COUNTY,WY.	USA	63962	C	SONGEA	U REP TANZANIA
47898	C	SHIMIZU	JAPAN	48568	CT	SONGKHLA	THAILAND
47778	CT	SHIONOMISAKI	JAPAN	11146	C	SONNBlick	AUSTRIA
38921	C	SHIRABAD	UZBEKISTAN	97502	C	SORONG/JEFMAN	INDONESIA
40848	C	SHIRAZ	IRAN, ISLAMIC REP	64460	C	SOUANKE	CONGO
72248	CT	SHREVEPORT/REG.,LA.	USA	16746	C	SODA (AIRPORT)	GREECE
38328	C	SHYMKENT	KAZAKHSTAN	60423	C	SOUK AHRAS	ALGERIA
41600	CT	SIALKOT	PAKISTAN	72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA
26524	C	SIAULIAI	LITHUANIA	14445	C	SPLIT/MARJAN	CROATIA
41697	C	SIBI	PAKISTAN	72786	T	SPOKANE, WA	USA
64405	C	SIBITI	CONGO	72785	C	SPOKANE/INT.,WA.	USA
15260	C	SIBIU	ROMANIA	68512	CT	SPRINGBOK	SOUTH AFRICA
96073	C	SIBOLGA/PINANGSORI	INDONESIA	72439	C	SPRINGFIELD/CAPITAL,IL.	USA
96421	C	SIBU	MALAYSIA	42027	CT	SRINAGAR	INDIA
60520	C	SIDI BEL ABBES	ALGERIA	61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS
48966	C	SIEMREAP	CAMBODIA	61901	CT	ST. HELENA IS.	OCEAN ISLANDS
89042	C	SIGNY ISLAND	U KINGDOM	72434	C	ST. LOUIS/LAMBERT,ST., MO.	USA
61811	C	SIGUIRI	GUINEA	70308	C	ST. PAUL	USA
17210	C	SIIRT	TURKEY	26063	CT	ST. PETERBURG	RUSSIAN FEDERATION
61297	C	SIKASSO	MALI	11028	C	ST. POELTEN	AUSTRIA
42619	C	SILCHAR	INDIA	71801	CT	ST.JOHN'S UA,NLFD	CANADA
33946	C	SIMFEROPOL'	UKRAINE	71802	C	ST.LAWRENCE,NFLD.	CANADA
32195	C	SIMUSIR	RUSSIAN FEDERATION	83997	C	ST.VITORIADO PALMAR	BRAZIL
48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE	04312	C	STATION NORD AWS	GREENLAND
47035	C	SINUJU	DPR KOREA	01415	CT	STAVANGER/SOLA	NORWAY
72557	C	SIOUX CITY/MUN.,IA.	USA	71815	CT	STEPHENVILLEUA,NFLD	CANADA
72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA	72403	T	STERLING, VA.	USA
71842	C	SIOUX LOOKOUT,ONT.	CANADA	80475	C	STO.DOMINGO(B.A.)	VENEZUELA
62019	CT	SIRTE	LIBYAN ARAB JAMAHIR	03026	CT	STORNOWAY	U KINGDOM
16757	C	SITIA	GREECE	07190	C	STRASBOURG	FRANCE
48062	C	SITTWE	MYANMAR	10738	C	STUTT GART-ECHTERDINGEN	GERMANY

# WMO PUB 9 VOL A

10739	T	STUTTGART/SCHNARRENBERG	GERMANY	91943	C	TAKAROA	FRENCH POLY.
85283	C	SUCRE	BOLIVIA	84390	C	TALARA	PERU
71730	C	SUDBURY,ONT.	CANADA	70251	C	TALKEETNA	USA
15360	C	SULINA	ROMANIA	72214	C	TALLAHASSEE/MUN.,FL.	USA
72429	T	SULPHUR GROVE, OH.	USA	26038	CT	TALLINN	ESTONIA
97260	C	SUMBAWA BESAR/SUMBAWABESAR	INDONESIA	60680	CT	TAMANRASSET	ALGERIA
33275	C	SUMY	UKRAINE	67095	C	TAMATAVE	MADAGASCAR
02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN	61687	C	TAMBACOUNDA	SENEGAL
24738	C	SUNTAR	RUSSIAN FEDERATION	38413	C	TAMDY	UZBEKISTAN
41268	C	SUR	OMAN	72211	C	TAMPA/INT.,FL.	USA
96933	C	SURABAYA/PERAK	INDONESIA	76548	C	TAMPICO, TAMPS	MEXICO
98653	C	SURIGAO	PHILIPPINES	16699	C	TANAGRA (AIRPORT)	GREECE
47421	C	SUTTSU	JAPAN	97876	C	TANAH MERAH	INDONESIA
01008	C	SVALBARDLUFTHAVN	NORWAY	87645	C	TANDIL AERO	ARGENTINA
71870	C	SWIFT CURRENT,SASK.	CANADA	47837	C	TANEGASHIMA	JAPAN
94767	CT	SYDNEY AIRPORT	AUSTRALIA	60101	C	TANGER(AERODROME)	MOROCCO
71707	C	SYDNEY,N.S.	CANADA	96249	C	TANJUNGPANDAN/BULUHTUMBANG	INDONESIA
23804	CT	SYKTYVKAR	RUSSIAN FEDERATION	96091	C	TANJUNGPINANG/KIJANG	INDONESIA
41891	C	SYLHET	BANGLADESH	76903	C	TAPACHULA,CHIS.	MEXICO
89532	CT	SYOWA	JAPAN	96509	C	TARAKAN/JUWATA	INDONESIA
72519	C	SYRACUSE/HANCOCK,NY.	USA	84455	C	TARAPOTO	PERU
12205	C	SZCZECIN	POLAND	91610	CT	TARAWA	KIRIBATI
12982	CT	SZEGED	HUNGARY	44230	C	TARIALAN	MONGOLIA
12812	C	SZOMBATHELY	HUNGARY	85364	C	TARIJA	BOLIVIA
65380	C	TABLIGBO	TOGO	23552	C	TARKO-SALE	RUSSIAN FEDERATION
63832	C	TABORA AIRPORT	U REP TANZANIA	87022	C	TARTAGALAERO	ARGENTINA
65592	C	TABOU	COTE D'IVOIRE	26242	C	TARTU	ESTONIA
40706	CT	TABRIZ	IRAN, ISLAMIC REP	38457	CT	TASHKENT	UZBEKISTAN
40375	CT	TABUK	SAUDI ARABIA	04360	CT	TASIILAQ (AMASSALIK)	GREENLAND
98550	C	TACLOBAN	PHILIPPINES	47646	T	TATENO	JAPAN
84782	C	TACNA	PERU	47672	C	TATEYAMA	JAPAN
47133	C	TAEJON	REP KOREA	16715	C	TATOI	GREECE
98644	C	TAGBILARAN	PHILIPPINES	96481	CT	TAWAU	MALAYSIA
38989	T	TAGTABAZAR	TURKMENISTAN	98427	C	TAYABAS	PHILIPPINES
83235	C	TAGUATINGA	BRAZIL	62259	C	TAZERBO	LIBYAN ARAB JAMAHIR
91938	CT	TAHITI-FAAA	FRENCH POLY.	37549	CT	TBILISI	GEORGIA
61043	C	TAHOUA	NIGER	64507	C	TCHIBANGA	GABON
58968	T	TAIBEI	CHINA	96797	C	TEGAL	INDONESIA
41036	C	TAIF	SAUDI ARABIA	78720	CT	TEGUCIGALPA	HONDURAS
45011	C	TAIPA	MACAU	40754	CT	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
35406	C	TAIPAK	KAZAKHSTAN	78706	C	TELA	HONDURAS
53772	C	TAIYUAN	CHINA	96295	C	TELUKBETUNG/BERANTI	INDONESIA
47612	C	TAKADA	JAPAN	80478	C	TEMBLADOR	VENEZUELA
47891	C	TAKAMATSU	JAPAN	35426	C	TEMIR	KAZAKHSTAN

# WMO PUB 9 VOL A

85743	C	TEMUCO	CHILE	76382	C	TORREON,COAH.	MEXICO
60410	C	TENES	ALGERIA	08238	C	TORTOSA	SPAIN
56739	C	TENGCHONG	CHINA	44225	C	TOSONTSENGEL	MONGOLIA
94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA	60555	C	TOUGGOURT	ALGERIA
83492	C	TEOFILO OTONI	BRAZIL	07630	C	TOULOUSE/BLAGNAC	FRANCE
76373	C	TEPEHUANES,DGO	MEXICO	94294	CT	TOWNSVILLEAERO	AUSTRALIA
76556	C	TEPIC,NAY	MEXICO	47747	C	TOYOOKA	JAPAN
82578	C	TERESINA	BRAZIL	16429	CT	TRAPANI/BIRGI	ITALY
38927	CT	TERMEZ	UZBEKISTAN	86500	C	TREINTA Y TRES	URUGUAY
33415	C	TERNOPIL'	UKRAINE	87828	C	TRELEW AERO	ARGENTINA
71951	C	TERRACE,B.C.	CANADA	71621	C	TRENTON,ONT.	CANADA
61202	CT	TESSALIT	MALI	87688	C	TRES ARROYOS	ARGENTINA
67261	C	TETE	MOZAMBIQUE	83618	C	TRES LAGOAS	BRAZIL
60318	C	TETUAN/SANIARAMEL	MOROCCO	10609	C	TRIER-PETRISBERG	GERMANY
48946	C	THAKHEK	LAO PDR	16110	C	TRIESTE	ITALY
48840	C	THANH HOA	VIET NAM	16645	C	TRIKALA	GREECE
71867	CT	THE PAS, MAN.	CANADA	43418	C	TRINCOMALEE	SRI LANKA
16622	C	THESSALONIKI/MIKRA	GREECE	83650	CT	TRINDADE(ILHA)	BRAZIL
16744	C	THIRA (AIRPORT)	GREECE	85154	C	TRINIDAD	BOLIVIA
43371	CT	THIRUVANANTHAPURAM	INDIA	40103	C	TRIPOLI	LEBANON
71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA	62010	CT	TRIPOLI INTERNATIONALAIRPOR	LIBYAN ARAB JAMAHIR
06011	CT	THORSHAVN	DENMARK & FAROE IS.	16710	C	TRIPOLIS (AIRPORT)	GREECE
41314	C	THUMRAIT	OMAN	01025	C	TROMSO/LANGNES	NORWAY
71749	C	THUNDER BAY, ONT.	CANADA	84501	C	TRUJILLO	PERU
60511	C	TIARET	ALGERIA	91334	C	TRUK, CAROLINEIS.	USA
61450	C	TIDJIKJA	MAURITANIA	44282	C	TSETSERLEG	MONGOLIA
61036	C	TILLABERY	NIGER	44347	C	TSOGT-OVOO	MONGOLIA
81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA	91954	CT	TUBUAI	FRENCH POLY.
60607	C	TIMIMOUN	ALGERIA	72274	C	TUCSON/INT.,AZ.	USA
15247	C	TIMISOARA	ROMANIA	87121	C	TUCUMAN AERO	ARGENTINA
71739	C	TIMMINS,ONT.	CANADA	98233	C	TUGUEGARAO	PHILIPPINES
02366	C	TIMRA/MIDLANDA	SWEDEN	76634	C	TULANCINGO,HGO.	MEXICO
60656	C	TINDOUF	ALGERIA	67161	C	TULEAR	MADAGASCAR
84534	C	TINGO MARIA	PERU	84370	C	TUMBES	PERU
03100	C	TIREE	U KINGDOM	80453	C	TUMEREMO	VENEZUELA
82026	C	TIRIOS	BRAZIL	60715	CT	TUNIS-CARTHAGE	TUNISIA
60395	C	TIZI-OUZOU	ALGERIA	24507	CT	TURA	RUSSIAN FEDERATION
60531	C	TLEMCEN(ZENATA)	ALGERIA	40356	C	TURAIIF	SAUDI ARABIA
28275	C	TOBOL'SK	RUSSIAN FEDERATION	38198	C	TURKESTAN	KAZAKHSTAN
47662	C	TOKYO	JAPAN	38507	CT	TURKMENBASHI	TURKMENISTAN
72536	C	TOLEDO/EXPRESS,OH.	USA	02972	C	TURKU	FINLAND
76675	C	TOLUCA,MEX	MEXICO	23472	CT	TURUHANSK	RUSSIAN FEDERATION
61223	CT	TOMBOUCTOU	MALI	16759	C	TYMBAKION(AIRPORT)	GREECE
71624	C	TORONTOPEARSON INT'L AIRPO	CANADA	48407	T	UBON RATCHATHANI	THAILAND

# WMO PUB 9 VOL A

06447	CT	UCCLE	BELGIUM	16105	C	VENEZIA/TESSERA	ITALY
16045	CT	UDINE/RIVOLTO	ITALY	26314	C	VENTSPILS	LATVIA
48354	C	UDON THANI	THAILAND	83264	C	VERA (GLEBA CELESTE)	BRAZIL
44214	C	UIGI	MONGOLIA	42909	C	VERAVAL	INDIA
35416	C	UIL	KAZAKHSTAN	28445	T	VERHNEEDUBROVO	RUSSIAN FEDERATION
97180	CT	UJUNG PANDANG/HASANUDDIN	INDONESIA	24266	CT	VERHOJANSK	RUSSIAN FEDERATION
44292	C	ULAAN-BAATOR	MONGOLIA	89063	C	VERNADSKY	UKRAINE
44212	C	ULAAN-GOM	MONGOLIA	71115	T	VERNON,B.C.	CANADA
44272	C	ULIASTAI	MONGOLIA	16090	C	VERONA/VILLAFRANCA	ITALY
47115	C	ULLUNGDO	REP KOREA	71799	C	VICTORIA INT.AIRPORTB.C.	CANADA
33587	C	UMAN'	UKRAINE	48112	C	VICTORIA POINT	MYANMAR
44304	C	UNDERKHAAN	MONGOLIA	72255	C	VICTORIA/VICTORIAREG., TX.	USA
91652	C	UNDU POINT	FIJI	87791	C	VIEDMA AERO	ARGENTINA
76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO	48940	C	VIENTIANE	LAO PDR
04210	C	UPERNAVIK	GREENLAND	98222	C	VIGAN	PHILIPPINES
68424	CT	UPINGTON	SOUTH AFRICA	08045	C	VIGO/PEINADOR	SPAIN
72501	T	UPTON, NY	USA	83208	T	VILHENA (AEROPORTO)	BRAZIL
47426	C	URAKAWA	JAPAN	24641	C	VILJUJSK	RUSSIAN FEDERATION
35108	C	URALSK	KAZAKHSTAN	60096	C	VILLA CISNEROS	WESTERN SAHARA
38396	C	URGENCH	UZBEKISTAN	87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA
51463	CT	URUMQI	CHINA	87328	C	VILLA DOLORES AERO	ARGENTINA
17188	C	USAK	TURKEY	87448	C	VILLA REYNOLDS AERO	ARGENTINA
87938	C	USHUAIA AERO	ARGENTINA	11212	C	VILLACHERALPE	AUSTRIA
30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION	76743	C	VILLAHERMOSA,TAB	MEXICO
25325	C	UST'-OLOJ	RUSSIAN FEDERATION	85345	C	VILLAMONTES	BOLIVIA
33631	CT	UZHGOROD	UKRAINE	86233	C	VILLARRICA	PARAGUAY
61995	T	VACOAS(MAURITIUS)	MAURITIUS	80234	C	VILLA VICENCIO/VANGUARDIA	COLOMBIA
71725	C	VAL D'OR,QUE.	CANADA	26730	C	VILNIUS	LITHUANIA
85766	C	VALDIVIA	CHILE	26214	C	VILSANDI	ESTONIA
80472	C	VALENCIA	VENEZUELA	48845	C	VINH	VIET NAM
08284	C	VALENCIA/AEROPUERTO	SPAIN	33562	C	VINNYTSIA	UKRAINE
03953	CT	VALENTIA OBSERVATORY	IRELAND	85244	C	VIRU-VIRU	BOLIVIA
80426	C	VALERA	VENEZUELA	02590	C	VISBY FLYGPLATS	SWEDEN
08141	C	VALLADOLID	SPAIN	43149	C	VISHAKHAPATNAM	INDIA
76647	C	VALLADOLID,YUC.	MEXICO	83648	C	VITORIA	BRAZIL
80434	C	VALLE DE LA PASCUA	VENEZUELA	83344	C	VITORIA DA CONQUISTA	BRAZIL
85264	C	VALLEGRANDE	BOLIVIA	31960	C	VLADIVOSTOK	RUSSIAN FEDERATION
03302	C	VALLEY	U KINGDOM	31977	T	VLADIVOSTOK(SAD GOROD)	RUSSIAN FEDERATION
17170	C	VAN	TURKEY	33177	C	VOLODYMYR-VOLYNS' KYI	UKRAINE
71892	C	VANCOUVERINT. AIR- PORT, B.	CANADA	27037	CT	VOLOGDA	RUSSIAN FEDERATION
71136	T	VANSCOY UPPER-AIR, SASK	CANADA	34123	C	VORONEZ	RUSSIAN FEDERATION
01098	C	VARDO	NORWAY	89606	C	VOSTOK	USSR N
15552	C	VARNA	BULGARIA	33777	C	VOZNESENS'K	UKRAINE
26477	C	VELIKIE LUKI	RUSSIAN FEDERATION	22837	C	VYTEGRA	RUSSIAN FEDERATION

# WMO PUB 9 VOL A

71825	C	WABUSHLAKE,NFLD.	CANADA	72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA
72256	C	WACO,MADISON-COOPERTX.	USA	70361	CT	YAKUTAT	USA
62751	C	WAD MEDANI	SUDAN	64661	C	YALINGA	CENTRALAFRICAN REP
03377	C	WADDINGTON	U KINGDOM	33990	C	YALTA	UKRAINE
41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA	47588	C	YAMAGATA	JAPAN
62600	C	WADI HALFA	SUDAN	65563	C	YAMOUSSOUKRO	COTE D'IVOIRE
94910	CT	WAGGA AIRPORT	AUSTRALIA	48097	CT	YANGON	MYANMAR
97340	C	WAINGAPU/MAUHAU	INDONESIA	54292	C	YANJI	CHINA
47600	CT	WAJIMA	JAPAN	64950	C	YAOUNDE	CAMEROON
47401	CT	WAKKANAI	JAPAN	91413	C	YAP, CAROLINEIS.	USA N
97686	C	WAMENA/WAMENA	INDONESIA	37981	C	YARDIMLI	AZERBAIJAN
12375	C	WARSZAWA-OKECIE	POLAND	71603	CT	YARMOOUTH,N.S.	CANADA
72405	C	WASHINGTON/NAT.,VA.	USA	84710	C	YAURI	PERU
71953	C	WATSONLAKE,Y.T.	CANADA	62008	C	YEFREN	LIBYAN ARAB JAMAHIR
71738	C	WAWA, ONT.	CANADA	61877	C	YELE	SIERRA LEONE
40400	C	WEJH	SAUDI ARABIA	71936	C	YELLOWKNIFE,N.W.T.	CANADA
72203	C	WEST PALM BEACH/INT.,FL.	USA	40439	C	YENBO	SAUDI ARABIA
10055	CT	WESTERMARKELSDORF	GERMANY	37789	C	YEREVAN	ARMENIA
92004	C	WEWAK W.O.	PAPUA N GUINEA	57461	C	YICHANG	CHINA
93112	T	WHENUAPAI	N ZEALAND	53614	C	YINCHUAN	CHINA
72632	T	WHITE LAKE, MI	USA	51431	C	YINING	CHINA
71930	C	WHITECOURT,ALTA.	CANADA	64900	C	YOKO	CAMEROON
71964	CT	WHITEHORSE,UA, Y.T.	CANADA	65167	C	YOLA	NIGERIA
71633	C	WIARTON,ONT.	CANADA	47744	CT	YONAGO	JAPAN
72351	C	WICHITA FALLS/SHEPS AFB TX	USA	47121	C	YONGWOL	REP KOREA
61902	T	WIDE AWAKE FIELD (ASCENSION	OCEAN ISLANDS	71138	C	YORKTON,SASK.	CANADA
11035	CT	WIEN/HOHEWARTE	AUSTRIA	78707	C	YORO	HONDURAS
72513	C	WILKES-BARRE-SCRANTONPA.	USA	47168	C	YOSU	REP KOREA
71104	C	WILLIAMS LAKE,B.C.	CANADA	72525	C	YOUNGSTOWN,OH.	USA
94776	CT	WILLIAMTOWN AERODROME	AUSTRALIA	84425	C	YURIMAGUAS	PERU
94299	CT	WILLIS ISLAND	AUSTRALIA	14236	C	ZAGREB/GRIC	CROATIA
72767	C	WILLISTON/SLOULINFIELD, ND.	USA	14240	T	ZAGREB/MAKSIMIR	CROATIA
71538	C	WINDSOR, ONT.	CANADA	37575	C	ZAKATALA	AZERBAIJAN
72583	C	WINNEMUCCA/MUN.,NV.	USA	67531	C	ZAMBEZI	ZAMBIA
71852	C	WINNIPEG INT. AIRPORTMAN.	CANADA	98836	C	ZAMBOANGA	PHILIPPINES
10474	C	WITTENBERG	GERMANY	44358	C	ZAMYN-UUD	MONGOLIA
12497	C	WLODAWA	POLAND	81225	C	ZANDERIJ	SURINAME
47055	C	WONSAN	DPR KOREA	34601	C	ZAPORIZHZHIA	UKRAINE
70387	C	WRANGELL	USA	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
12425	T	WROCLAWI	POLAND	40986	C	ZARANJ	AFGHANISTAN
12424	C	WROCLAWII	POLAND	34398	C	ZHALPAKTAL	KAZAKHSTAN
57036	C	XI'AN	CHINA	38341	CT	ZHAMBYL	KAZAKHSTAN
56571	C	XICHANG	CHINA	36859	C	ZHARKENT	KAZAKHSTAN
85365	C	YACUIBA	BOLIVIA	57083	C	ZHENGZHOU	CHINA

# WMO PUB 9 VOL A

35671	T	ZHEZKAZGAN	KAZAKHSTAN
57745	C	ZHIJIANG	CHINA
41620	CT	ZHOB	PAKISTAN
33325	C	ZHYTOMYR	UKRAINE
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
33484	C	ZOLOTONOSHA	UKRAINE
17022	C	ZONGULDAK	TURKEY
61404	C	ZOUERATE	MAURITANIA
62007	C	ZUARA	LIBYAN ARAB JAMAHIR
10961	C	ZUGSPITZE	GERMANY
06660	C	ZURICH (TOWN/VILLE).	SWITZERLAND
25400	C	ZYRJANKA	RUSSIAN FEDERATION

To change your address, please return a copy of the mailing label along with your new address to:

NCDC Subscription Services Center  
310 State Route 956  
Building 300  
Rocket Center, WV 26726

Toll free number: (866) 742-3322

TDD: (828) 271-4010

Fax number: (304) 726-4409

NCDC now offers an annual online subscription for the *Climatological Data* publication. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to October 1997 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is \$36 for online delivery (including back issues) compared to \$50 for offline delivery.** To order this and other subscriptions online with your credit card, go to: [www.ncdc.noaa.gov/mpp.html](http://www.ncdc.noaa.gov/mpp.html) and choose subscriptions.

Inquiries/Comments Call: (866) 742-3322 (Toll free)  
(828) 271-4010 (TDD)  
(304) 726-4409 (Fax)

NCDC Subscription Services Center  
310 State Route 956  
Building 300  
Rocket Center, WV 26726

PRSR STD POSTAGE & FEES PAID United States Department of Commerce NOAA Permit No. G-19
---

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300  
CHANGE SERVICE REQUESTED