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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**

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Oceanic and  
Atmospheric Administration

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Environmental Satellite, Data  
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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.

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# SURFACE

## APRIL 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		1018.5	1019.7	-2.0	1.9	4.6	.5	6	40	0	3		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1012.9	1016.4	-9.6	2.8	2.7	.7	8	20	10	5		
01025 TROMSO/LANGNES	6941N	01855E	10		1019.0	1020.1	2.1	1.4	4.9	.1	8	31	-30	1		
01028 BJORNOYA	7431N	01901E	16		1015.0	1017.1	-4.2	1.2	4.2	.3	6	25	4	4		
01098 VARDØ	7022N	03106E	15		1017.6	1019.4	.2	1.3	4.9	.0	9	29	-4	3		
01152 BODØ VI	6715N	01422E	20		1018.8	1020.4	3.2	.7	5.3	-1.1	7	22	-30	1	231	
01241 ORLAND III	6342N	00936E	7		1018.1	1019.2	6.0	1.9	6.7	.3	4	29	-31	1		
01317 BERGEN/FLORIDA	6023N	00520E	36		1013.6	1018.0	8.6	2.7	6.9	.3	7	83	-31	2		
01384 OSLO/GARDERMOEN	6012N	01105E	204		994.4	1019.5	4.3	1.5	5.2	.0	5	62	14	4		
01415 STAVANGER/SOLA	5853N	00538E	9		1017.1	1018.1	7.6	2.1	7.2	.3	6	37	-13	2		
<b>SWEDEN</b>																
02080 KARESUANDO	6826N	02230E	325		979.7	1021.1	-2.2	1.5	4.3	.3	5	18	-5	3	240	
02128 GUNNARN	6458N	01742E	281		986.4	1021.4	1.2	1.2	4.6	.1	10	23	-8	3		
02196 HAPARANDA	6550N	02409E	6		1020.9	1021.7	.0	.5	4.5	-3.3	7	19	-10	2	239	
02226 FROSON	6312N	01430E	360		974.2	1020.6	2.4	1.4	5.2	.3	7	22	-6	3	193	
02366 TIMRA/MIDLANDA	6231N	01727E	7		1020.3	1020.8	1.9	-2.2	5.1	-2.2	10	47	16	4		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		1006.0	1019.3	5.2	1.6	5.4	-5.8	8	60	23	4	229	127
02512 GÖTEBORG/SAVE	5747N	01153E	16		1016.5	1018.7	6.1	.9	6.7	-1.1	10	101	59	5	216	119
02550 JONKÖPING/AXAMÖ	5745N	01405E	218		990.6	1018.5	3.8	.1	5.8	-1.1	12	89	52	5		
02590 VISBY FLYGPLATS	5740N	01821E	41		1012.4	1018.6	3.6	-4.4	6.0	-6.6	9	40	11	4	197	102
<b>FINLAND</b>																
02801 KILPISJARVI	6903N	02047E	476		962.0	1021.9	-3.3		3.7		5	16		3		
02805 KEVO	6945N	02702E	101		1008.1	1020.8	-1.5		4.0		3	21		3	258	
02836 SODANKYLÄ	6722N	02639E	179		999.3	1022.0	-1.8	.3	3.9		8	27	3	4	227	
02869 KUUSAMO	6558N	02911E	263		989.0	1022.4	-1.8	.4	3.9		2	7	-25	1		
02875 OULU	6456N	02522E	15		1019.8	1021.6	.4	-1.1	4.4		4	9	-10	2	233	
02897 KAJAANI	6417N	02741E	136		1004.9	1021.9	-6.6	-6.6	4.1		4	12	-15	1		
02929 JOENSUU	6240N	02938E	117		1006.0	1021.1	.1	-6.6	4.6		4	15	-20	1		
02935 JYVASKYLÄ	6224N	02541E	145		1002.9	1020.6	.9	-4.4	4.3		6	26	-11	2	207	
02942 NIINISALO	6151N	02228E	136		1004.2	1020.0	1.7	-2.2	4.5		3	14	-24	1		
02963 JOKIOINEN	6049N	02330E	103		1006.3	1019.3	2.2	-2.2	4.9		7	27	-5	3	201	116
02972 TURKU	6031N	02216E	59		1011.9	1019.4	2.7	-3.3	4.7		9	31	-7	3	201	110
02974 HELSINKI-VANTAA	6019N	02458E	56		1012.1	1019.2	2.6	-3.3	5.0		5	31	-6	3	191	106
<b>UNITED KINGDOM</b>																
03005 LERWICK	6008N	00111W	84		1006.8	1017.0	6.9	1.7	8.2		6	31	-41	1	149	113
03026 STORNOWAY	5813N	00619W	13		1013.0	1014.9	9.6	3.2	9.3		11	32	-33	1	174	113
03066 KINLOSS	5739N	00334W	7		1015.3	1015.9	9.3	2.5	8.4		8	32	-4	3	162	119
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		1008.7	1016.7	8.1	1.8	8.3		9	55	2	3	160	110
03100 TIREE	5630N	00653W	12		1014.0	1015.1	9.3	2.1	9.3		8	52	-7	3	194	114
03162 ESKDALEMUIR	5519N	00312W	242		987.3	1016.8	8.3	2.6	8.2		8	66	-17	2	189	143
03257 LEEMING	5418N	00132W	40		1013.0	1016.9	9.2	1.8	8.1		7	29	-16	2	174	134

# SURFACE

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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>03302 VALLEY</b>	5315N	00432W	11		1014.3	1015.5	9.9	1.7	9.4		8	55	2	3	196	111
03334 MANCHESTER AIRPORT	5321N	00217W	68		1007.8	1016.2	10.3	2.4	7.9		9	57	6	3	193	140
<b>03377 WADDINGTON</b>	5310N	00031W	68		1008.7	1017.0	9.8	2.3	8.0		5	20	-27	2	173	121
03502 ABERPORTH	5208N	00434W	133		999.2	1015.4	10.1	2.5	8.9		6	37	-15	2	195	118
03740 LYNEHAM	5130N	00159W	145		998.7	1016.3	9.6	1.9	7.9		7	38	-7	3	188	123
03797 MANSTON	5121N	00121E	55		1010.8	1016.8	9.5	1.4	8.6		4	21	-21	1	218	135
<b>03808 CAMBORNE</b>	5013N	00519W	88		1004.4	1015.0	10.1		9.6		8	57		3	190	105
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1015.0	1016.2	9.6	1.5	8.9		2	4	-44	1	196	115
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1007.7	1015.4	9.5	2.0	9.2		10	32	-21	2	176	114
<b>IRELAND</b>																
<b>03953 VALENTIA OBSERVATORY</b>	5156N	01015W	30		1009.6	1013.2	10.9	1.9	9.5	.2	12	144	67	5	195	130
03955 CORK AIRPORT	5151N	00829W	162		994.5	1014.2	9.2	1.6	9.5	.8	10	127	57	5	167	105
03957 ROSSLARE	5215N	00620W	25		1011.9	1014.9	9.9	1.7	10.1	1.1	9	86	30	5	232	135
03962 SHANNON AIRPORT	5242N	00855W	20		1011.6	1014.0	11.1	2.4	9.9	1.0	10	50	-6	2	179	120
03967 CASEMENT AERODROME	5318N	00626W	93		1003.7	1015.1	9.6		9.3		8	30			189	125
03969 DUBLIN AIRPORT	5326N	00615W	85		1005.0	1015.4	8.9	1.1	9.0	.6	8	37	-14	2	184	115
03973 CONNAUGHT AIRPORT	5345N	00849W	209		989.0	1014.5	8.9		9.0		12	70			166	
03976 BELMULLET	5414N	01000W	10		1012.5	1013.7	10.5	2.1	10.2	1.2	6	38	-19	2	200	125
<b>03980 MALIN HEAD</b>	5522N	00720W	25		1011.8	1014.9	9.7	2.0	9.5	1.0	9	37	-20	2	182	120
<b>ICELAND</b>																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		1007.0	1013.1	6.0		7.6		14	108		3		
04030 REYKJAVIK	6408N	02156W	61		1006.0	1013.5	6.2	3.3	7.3	1.2	13	74	16	3	120	
04063 AKUREYRI	6541N	01805W	27		1011.8	1015.2	5.6	4.0	6.6	1.0	5	13	-16	0	89	
04082 AKURNES	6418N	01513W	21		1013.4	1016.0	5.7		7.5		12	63		6		
<b>GREENLAND</b>																
<b>04210 UPERNAVIK</b>	7247N	05610W	122			1013.6										
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1012.3	-7.1	2.5	2.8		6	22	2			
<b>04250 NUUK (GODTHAAB)</b>	6410N	05145W	70			1009.0	-3.5	.4	3.5		6	16	-30			
04312 STATION NORD AWS	8136N	01641W	36			1021.2	-21.9	1.1	.6							
<b>04320 DANMARKSHAVN</b>	7646N	01840W	12			1020.7	-16.5	.8	1.0		2	12	2			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1021.6	-7.7		2.5		7	33	18			
<b>04360 TASIILAQ (AMASSALIK)</b>	6536N	03738W	52			1011.7	-.7	3.4	4.5		14	104	27			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1003.9	-1.5	-.5	3.9		9	92	-141			
<b>DENMARK &amp; FAROE IS.</b>																
<b>06011 THORSHAVN</b>	6201N	00646W	55			1016.7	7.2	2.3	8.6		6	55	-38			
06030 AALBORG	5706N	00951E	13			1018.4	7.5	1.9	7.0		9	57				
<b>06186 KOEBENHAVN/LANDBOHOEJTSKOLEN</b>	5541N	01233E	7			1018.2	7.1		7.2		3	19				
06190 ROENNE	5504N	01445E	16			1018.3	5.8	.4	6.9		5	27				
<b>NETHERLANDS</b>																
06235 DE KOOY	5255N	00447E	14		1017.2	1017.3	9.4	2.1	8.8	.4	7	27	-15	2	250	152
<b>06260 DE BILT</b>	5206N	00511E	15		1016.7	1017.0	9.9	1.9	8.2	-.2	8	46	-6	2	228	150
<b>BELGIUM</b>																
06447 UCCLLE	5048N	00421E	104		1004.7	1016.9	10.7	2.0	8.6	.0	7	47	-10	3	212	144

# SURFACE

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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>LUXEMBOURG</b>																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		971.9	1017.0	9.5		6.9		6	52	-9	3	237	145
<b>SWITZERLAND</b>																
06660 ZURICH (TOWN/VILLE).	4723N	00834E	569		949.4	1016.3	9.4	1.4	7.2	-.4	10	54	-35	2	209	150
<b>06680 SAENTIS</b>	4715N	00921E	2500		747.6	3019 Z	-3.6	.9	3.7	.2	15	182	-67	2	181	128
06700 GENEVE-COINTRIN	4615N	00608E	416		966.7	1015.8	10.9	2.1	7.8	.1	7	59	-2	3	222	138
06770 LUGANO	4600N	00858E	276		983.5	1016.4	12.0	1.0	8.6	.1	9	72	-85	1	172	98
<b>FRANCE</b>																
07005 ABBEVILLE	5008N	00150E	77		1006.8	1016.5	10.1		8.2		6	41			202	130
07015 LILLE	5034N	00306E	52		1010.6	1016.6	10.6		8.0		7	41			214	130
07020 LA HAGUE	4943N	00156E	9		1014.1	1015.8	10.2		10.0		5	29				
07027 CAEN	4911N	00027W	78		1007.7	1015.8	10.5	2.0	8.9		9	24	-21	2	208	122
07037 ROUEN	4923N	00111E	157		997.5	1016.2	10.1		8.4		8	38			188	130
07070 REIMS	4918N	00402E	99		1004.9	1016.3	10.0		8.1		7	36			231	140
07110 BREST	4827N	00425W	99		1003.2	1014.7	10.8	2.0	9.6		11	63	-9	3	213	122
07117 PLOUMANACH	4850N	00328W	71		1007.7	1015.1	10.7		9.9		8	30				
<b>07130 RENNES</b>	4804N	00144W	37		1009.9	1015.1	12.0		8.8		5	14			207	145
07139 ALENCON	4827N	00007E	144		998.0	1015.4	10.7		8.3		5	27			212	150
07149 PARIS-ORLY	4844N	00224E	96		1004.9	1015.8	11.7		8.5		9	36				
<b>07190 STRASBOURG</b>	4833N	00738E	154		997.8	1016.2	11.0	1.6	7.7		6	23	-25	1	226	140
07207 LE TALUT	4718N	00313W	43		1010.2	1015.4	11.6		10.3		5	17				
07222 NANTES	4710N	00136W	27		1011.8	1014.9	12.2	1.9	9.2		2	31	-18	2	204	109
07255 BOURGES	4704N	00222E	166		995.3	1015.2	12.0	2.3	8.4		7	61	10	4	215	123
07280 DIJON	4716N	00505E	227		988.4	1015.6	10.9	1.2	8.3		9	38	-14	3	239	135
07299 BALE-MILHOUSE	4736N	00731E	271		983.4	1016.0	10.2		8.0		7	47			222	130
07314 CHASSIRON	4602N	00125W	22		1012.0	1014.8	12.8		11.1		7	21				
07335 POITIERS	4635N	00019E	129		1000.6	1015.0	12.2		8.5		5	32			206	120
07434 LIMOGES	4552N	00111E	402		967.1	1014.7	11.4		8.7		11	89			209	130
07460 CLERMONT-FERRAND	4547N	00310E	332		975.8	1014.7	11.6		7.9		7	14			211	120
07471 LE BUY	4505N	00346E	833		918.6		7.7		7.2		8	55			201	120
07481 LYON/SATOLAS	4544N	00505E	248		986.3	1014.7	12.8		8.2		8	35			236	135
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1007.9	1014.3	14.2		10.1		8	26	-46	1	217	120
07535 GOURDON	4445N	00124E	264		983.3	1014.3	12.9		9.2		7	53			221	125
07560 MONT AIGOUAL	4407N	00335E	1567		839.5		3.2		6.4		11	172		6		
07591 EMBRUN	4434N	00630E	876		913.3		9.9		6.4		7	84			217	105
07607 MONT-DE-MARSAN	4355N	00030W	63		1007.6	1014.5	13.5		10.6		8	60			213	125
<b>07630 TOULOUSE/BLAGNAC</b>	4338N	00122E	153		995.6	1014.4	13.3		10.2		7	21	-43	1	210	110
07643 MONTPELLIER	4335N	00358E	6		1013.7	1014.7	13.3		10.5		5	79			227	100
07661 CAP CEPET	4305N	00556E	136		998.2	1014.5	13.3		10.6		7	112				
07690 NICE	4339N	00712E	10		1011.0	1014.2	13.7		11.2		7	81	19	4	224	105
07747 PERPIGNAN	4244N	00252E	48		1008.6	1014.2	14.0		10.9		4	15	-40	2	225	105
07761 AJACCIO	4155N	00848E	9		1012.9	1014.0	13.1		11.1		5	35	-17	2	273	125
07790 BASTIA	4233N	00929E	12		1013.1	1014.6	13.7		10.6		5	47			241	120
<b>SPAIN</b>																
08001 LA CORUNA	4322N	00825W	67		1004.4	1012.4	14.3	2.2	11.4	.5	12	104	21	4	167	100

# SURFACE

## APRIL 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	
08015 OVIEDO	4321N	00552W	339		972.7	1012.5	13.3	2.9	10.3	.7	7	43	-69	1	190	131
08023 SANTANDER	4328N	00348W	59		1007.3	1014.4	14.1	2.2	11.5	1.0	7	21	-99	1	187	127
<b>08027 SAN SEBASTIAN/IGUELDO</b>	4318N	00203W	259		983.5	1014.1	13.4	2.8	10.1	-1.1	9	49	-109	1	185	149
08045 VIGO/PEINADOR	4213N	00838W	255		983.7	1014.2	13.2	1.6	11.4	.8	16	204	50	4	167	95
08075 BURGOS/VILLAFRIA	4222N	00338W	891		912.6	1478 Y	10.2	2.5	8.8	1.0	10	74	10	4	194	117
08084 LOGRONO/AGONCILLO	4227N	00220W	363		971.9	1014.4	13.0	1.5	10.0	1.4	9	49	6	4	209	114
08141 VALLADOLID	4113N	00446W	739		928.8	1013.2	11.4	1.5	8.8	1.1	8	91	48	5	229	106
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		983.6	1013.8	14.4	1.6	9.9	.8	4	43	11	4	207	95
<b>08181 BARCELONA/AEROPUERTO</b>	4117N	00204E	6		1014.1	1014.6	14.7	1.8	12.5	1.3	4	22	-28	2	231	114
08184 GERONA/COSTA BRAVA	4154N	00246E	129		998.2	1013.5	13.5	1.7	10.5	-1.1	5	35	-38	2	209	119
<b>08202 SALAMANCA/MATACAN</b>	4057N	00530W	795		923.5	1014.6	10.8	1.2	8.3	-1.1	9	50	13	4	214	102
08221 MADRID/BARAJAS	4027N	00333W	582		946.4	1013.6	12.4	.8	9.1	.5	7	39	-5	3	205	96
08238 TORTOSA	4049N	00030E	50		1007.6	1013.5	16.1	.9	11.8	1.3	3	56	11	4	217	100
08261 CACERES	3928N	00620W	405		968.6	1015.8	13.6	.2	10.7	1.4	10	61	14	3	218	105
<b>08280 ALBACETE/LOS LLANOS</b>	3857N	00151W	704		934.0	1014.6	12.3	1.4	9.2	.9	7	36	-16	2	228	102
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1006.4	1013.8	16.1	1.4	11.3	.7	3	58	17	4	247	114
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1013.8	1014.4	14.3	1.8	14.0	2.2	3	32	-7	3	241	116
08314 MENORCA/MAHON	3952N	00414E	82		1004.0	1014.2	15.1	1.8	12.8	1.1	2	17	-33	1	223	107
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		992.2	1013.9	15.2	1.0	11.8	.8	10	42	-8	3	223	98
08348 CIUDAD REAL	3859N	00355W	629		942.2	1014.4	13.8	1.9	9.1	-4	6	16	-34	1	234	108
08359 ALICANTE	3822N	00030W	82		1004.4	1014.1	16.5	.8	12.4	.9	2	29	-4	3	239	98
08373 IBIZA/ES CODOLA	3852N	00123E	12		1012.3	1014.4	15.7	.9	14.1	1.5	5	48	12	4	229	97
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1010.4	1014.1	17.3		12.2		9	84	4	220	90	
<b>08410 CORDOBA/AEROPUERTO</b>	3751N	00451W	92		1004.6	1015.4	16.5	1.3	12.5	1.2	6	29	-35	2	238	118
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1013.7	1014.0	15.7	1.2	14.9	2.7	3	18	-8	3	249	130
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1012.1	1015.3	16.4	1.0	13.1	.7	8	99	45	5	236	102
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1014.0	1014.8	16.4	.7	13.0	1.3	4	80	41	5	246	112
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1011.1	1013.6	16.9	.8	12.1	-2	2	12	-14	2	264	113
<b>GIBRALTAR</b>																
08495 GIBRALTAR	3609N	00521W	5		1014.1	1014.7	16.7				9	72		4	237	95
<b>PORTUGAL</b>																
<b>08506 HORTA (ACORES)</b>	3831N	02838W	62		1008.7	1016.2	13.6	-1.3	12.2	-1.1	15	115	50	5	138	89
<b>08513 PONTA DELGADA/(OBS.)</b>	3745N	02540W	36		1011.9	1016.3	14.4	-7	16.4	2.8	16	200	128	5		
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1004.1	1016.2	14.7	-5	13.4	.4	10	137	82	6		
<b>08535 LISBOA/GEOP</b>	3843N	00909W	95		1002.0	1013.3	15.4	.3	13.5	1.6	8	122	58	5	196	83
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1001.3	1013.3	14.2	1.3	11.7	.2		130	18	1	200	92
08558 EVORA/C. COORD	3832N	00754W	246		985.2	1014.5	13.5		12.0		10	76			192	
08575 BRAGANCA	4148N	00644W	692		934.1	1014.9	10.8	.8	9.6	1.2	14	84	22	4	180	86
<b>GERMANY</b>																
10035 SCHLESWIG	5432N	00933E	48		1011.8	1017.7	7.3	1.1	7.2	-4	8	79	24	4	223	134
10055 WESTERMARKELSDORF	5432N	01104E	9		1016.7	1017.8	6.8		7.6		4	34			238	130
10091 ARKONA	5441N	01326E	42		1012.7	1017.9	5.6		7.0		6	34			255	140
<b>10147 HAMBURG-FUHLBUETTEL</b>	5338N	00959E	15		1015.4	1017.3	8.8	1.5	7.1	-7						
10162 SCHWERIN	5339N	01123E	68		1009.0	1017.4	8.6		7.0		9	39		3	227	135
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1015.9	1017.4	8.1	1.8	7.4	-4	7	27	-15	2	245	142
10184 GREIFSWALD	5406N	01324E	6		1017.0	1017.7	7.1		7.5		8	45		4	219	125

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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	
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1016.6	1017.2	8.7		7.9		6	43			219	130
10261 SEEHAUSEN	5254N	01144E	23		1014.2	1017.0	8.4		6.6		5	18			216	135
10270 NEURUPPIN	5254N	01249E	39		1011.8	1017.3	8.7		7.2		4	13		1	221	135
10291 ANGERMUENDE	5302N	01400E	35		1010.5	1017.2	8.0		7.1		8	18			226	135
10338 HANNOVER	5228N	00941E	59		1010.1	1017.3	9.0	1.2	7.3	-7	8	35	-15	2	218	136
10361 MAGDEBURG	5208N	01136E	85		1007.0	1017.4	8.9		6.8		6	19		2	220	135
10379 POTSDAM	5223N	01304E	100		1005.3	1017.5	9.1	1.1	6.8	-7	9	19	-25	1	223	133
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1011.1	1017.1	9.2		6.9		6	18			217	130
<b>10393 LINDENBERG</b>	5213N	01407E	104		1004.7	1017.4	8.7	.8	6.9	-7	9	32	-9	2	213	129
10410 ESSEN	5124N	00658E	161		997.4	1016.9	9.9	1.4	7.3	-7	7	44	-24	2	213	145
10453 BROCKEN	5148N	01037E	1153		882.9	1458 Y	1.8		5.5		13	86			190	145
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		1000.7	1017.2	8.7		7.5		6	25		2	218	145
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		989.1	1017.1	8.7		6.7		3	13			225	150
10499 GOERLITZ	5110N	01457E	240		987.8	1016.7	8.0	.4	6.7	-1.0	5	23	-27	1	213	136
10548 MEININGEN	5034N	01023E	453		962.8	1017.0	7.7		6.7		7	30		1	218	140
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		978.1	1016.8	8.0		6.9		5	18			228	150
10567 GERA-LEUMNITZ	5053N	01208E	311		979.0	1016.5	7.9		7.5		6	35			225	150
10578 FICHTELBERG	5026N	01257E	1215		876.9	1466 Y	1.6	.3	5.5	-2	12	76	-10	3	185	133
10609 TRIER-PETRISBERG	4945N	00640E	273		983.6	1016.3	9.9	1.5	7.6	-2	8	53	0	4	228	146
10628 GEISENHEIM	4959N	00757E	123		1002.1	1017.0	10.8	1.4	7.3	-6	8	19	-20	1	231	139
10727 KARLSRUHE	4902N	00822E	145		999.1	1016.6	11.0	1.1	7.9	-4	6	28	-33	1	224	139
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		969.9	1016.5	9.1		6.6		6	25		1	211	135
10763 NUERNBERG	4930N	01103E	318		979.0	1017.1	8.9	.7	6.6	-1.0	4	14	-34	1	203	122
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		963.2	1016.6	8.7	1.1	6.9	-5	8	21	-34	1	220	138
10929 KONSTANZ	4741N	00911E	447		963.3	1016.2	9.8	1.1	7.9	.1	5	19	-49	0	216	134
10946 KEMPTEN	4743N	01020E	705		933.5	1016.4	6.9		7.2		10	51			200	125
10961 ZUGSPITZE	4725N	01059E	2962		704.1	3009 Z	-7.4	.1	2.9	-2	15	201	2	4	194	127
<b>10962 HOHENPEIßENBERG</b>	4748N	01101E	986		902.2	1471 Y	6.3	1.2	6.2	-3	11	27	-66	0	196	126
<b>AUSTRIA</b>																
11028 ST. POELTEN	4811N	01537E	284		982.4	1016.5	8.9		7.5	-2	8	21	-35	2	208	122
11035 WIEN/HOHE WARTE	4814N	01621E	209		991.1	1016.2	10.0		8.1	.2	6	27	-24	2	226	133
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		946.1	1015.9	8.6		7.6		11	54		4	222	130
<b>11146 SONNBLICK</b>	4703N	01257E	3111		692.9	3030 Z	-8.9		2.8	-2	20	204	-50	4	135	104
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		963.3	1016.8	8.8		6.9	-7	7	38	-45	1	201	131
11155 FEUERKOGEL	4749N	01344E	1621		833.9	1467 Y	1.4		4.8		11	109		1	197	125
11212 VILLACHERALPE	4636N	01340E	2160		781.2	1484 Y	-2.9		4.4		13	80		3	162	100
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		960.9	1017.6	8.1		7.3	-1	6	49	-16	2	201	113
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		973.2	1016.5	8.8		7.2	-9	6	33	-19	2	194	120
<b>CZECH REPUBLIC</b>																
11423 PRIMDA	4940N	01240E	748		928.9		6.4		6.4		8	26		1	242	155
<b>11464 MILESOVKA</b>	5033N	01356E	836		918.8		5.2		6.0		6	23		1	228	135
11487 KOCELOVICE	4928N	01350E	522		954.8		7.2		6.3		6	14		0	232	140
11518 PRAHA/RUZYNE	5006N	01415E	380		973.3	1017.2	7.9	.3	6.5	-8	6	23	-15	2	211	126
11520 PRAHA-LIBUS	5000N	01427E	303		980.7	1017.3	8.3		6.5		5	22		2	235	140
11603 LIBEREC	5046N	01501E	399		968.9	1017.3	6.6		6.6		12	42			208	
11659 PRIBYSLAV	4935N	01546E	536		953.4	1016.1	6.4		6.6		10	36		3	218	135
11723 BRNO/TURANY	4910N	01642E	246		987.1	1016.8	8.8	-2	6.7	-7	7	22	-9	2	227	134



# SURFACE

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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	
11782 OSTRAVA/MOSNOV	4941N	01807E	260		985.5	1017.0	7.7	- .5	7.4	- .2	7	25	-27	1	203	133
<b>SLOVAKIA</b>																
11903 SLIAC	4839N	01909E	315		978.6	1016.6	8.1	- .5	6.1	-1.5	4	28	-19	2	203	123
11934 POPRAD/TATRY	4904N	02015E	695		934.4		5.1	- .9	5.3	-1.3	7	41	-2	3	200	124
<b>POLAND</b>																
12120 LEBA	5445N	01732E	2		1017.1	1017.8	5.4		6.7		9	34		4	215	
12160 ELBLAG	5410N	01926E	43		1012.1	1017.4	7.0		6.6		13	60		5	154	95
12205 SZCZECIN	5324N	01437E	3		1016.6	1017.4	8.2	.8	6.9	- .8	7	15	-23	1	220	145
12295 BIALYSTOK	5306N	02310E	151		998.6	1017.2	5.9	- .8	6.0	-1.4	7	23	-13	2	172	110
12330 POZNAN	5225N	01650E	92		1006.4	1017.2	8.3	.7	6.8	- .7	7	21	-15	1	216	142
12375 WARSZAWA-OKECIE	5210N	02058E	107		1004.0	1017.1	7.3	- .4	6.9	- .8	8	27	-6	3	221	145
12424 WROCLAW II	5106N	01653E	121		1002.1	1017.3	8.2	.2	6.9	-1.1	6	15	-24	1	197	139
12497 WLODAWA	5133N	02332E	179		995.0	1017.0	6.9		7.0		7	28		2	190	115
12566 KRAKOW	5005N	01948E	237		988.1	1017.1	7.9	.0	7.0	- .9	12	34	-14	3	171	128
<b>HUNGARY</b>																
12843 BUDAPEST/LORINC	4726N	01911E	139		999.3	1016.2	10.8	- .3	6.7	-1.6	4	20	-18	1	197	108
12882 DEBRECEN	4729N	02136E	109		1002.8	1016.0	10.0	- .7	6.8	-2.2	5	21	-21	1	210	111
12942 PECS/POGANY	4606N	01814E	203		992.0	1016.6	10.5	- .2	6.3	-2.2	4	9	-46	1	208	111
12982 SZEGED	4615N	02006E	83		1006.1	1016.1	10.4	- .7	7.8	-1.1	4	21	-20	2	201	112
<b>CROATIA</b>																
14236 ZAGREB/GRIC	4549N	01559E	162		996.4	1015.9	11.9		7.9		6	29		1	181	110
14445 SPLIT/MARJAN	4331N	01626E	128		999.6	1014.9	14.1		8.0		2	21		1	243	90
<b>BOSNIA AND HERZGOVINA</b>																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		942.0	1016.7	8.8	- .6	6.2	-1.0	14	32	-41	1	153	101
<b>YUGOSLAVIA</b>																
13274 BEOGRAD	4448N	02028E	132		1000.4	1016.3	11.6	- .8	7.8	- .7	9	23	-35	1	168	95
13463 PODGORICA-GRAD	4226N	01917E	50		1010.0	1016.0	14.0		8.1		7	90		2	216	110
<b>ROMANIA</b>																
15085 BISTRITA	4708N	02430E	367		972.1	1016.2	8.1	-1.0	6.2	-2.0	6	38	-19	2	215	126
15090 IASI	4710N	02738E	104		1004.4	1017.3	9.2	-1.1	6.2	-2.2	5	17	-36	1	203	119
15120 CLUJ-NAPOCA	4647N	02334E	413		935.1	1016.6	8.0	-1.0	6.1	-2.0	5	17	-31	0	207	119
15247 TIMISOARA	4546N	02115E	88		1005.1	1015.5	10.4	- .8	7.4	-1.8	9	46	-2	3	222	119
15260 SIBIU	4548N	02409E	444		963.0	1016.2	8.0	-1.4	6.6	-1.9	3	51	-3	3	179	113
15360 SULINA	4509N	02940E	9		1015.8	1016.5	8.0	-1.7	8.9	-1.4	2	3	-16	1	202	117
15420 BUCURESTI/IMH	4430N	02608E	91		1004.2	1015.0	9.4	-1.9	6.9	-2.4	6	37	-9	2	213	116
15480 CONSTANTA	4413N	02838E	14		1016.0	1017.6	7.7	-2.2	8.7	-1.2	5	25	-5	3	219	122
<b>BULGARIA</b>																
15552 VARNA	4312N	02755E	43		1010.8	1016.1	8.4	-1.8	8.0	-1.8	5	22	-22	1	204	127
15614 SOFIA (OBSERV.)	4239N	02323E	595		945.8	1015.9	8.5	-1.9	7.2	- .5	8	77	28	5	190	112
<b>ITALY</b>																

## SURFACE

APRIL 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	
16045 UDINE/RIVOLTO	4559N	01302E	53		1010.1	1016.5	11.9		8.7		6	130	11	3	125	80
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1007.8	1016.0	12.4		9.6		9	70	2	3	185	120
16158 PISA/S. GIUSTO	4341N	01023E	6		1014.5	1015.6	12.6		9.5		8	93	14	4	211	110
16325 MARINA DI GINOSA	4026N	01653E	12		1012.6	1014.0	13.0		11.4		3	28	0	2		
16429 TRAPANI/BIRGI	3755N	01230E	14		1012.7	1013.8	14.9		12.7		3	55	19	4	232	106
<b>MALTA</b>																
16597 LUQA	3551N	01429E	91		1005.5	1014.2	15.5	.0	13.9	.8	3	21	-1	3	248	100
<b>GREECE</b>																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1015.0	1016.5	12.7	-1.5	8.7	-2.2	5	34	-2	3	177	88
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1013.4	1013.9	15.0	-.1	11.6	-.7	8	31	-30	2	223	108
16648 LARISSA (AIRPORT)	3938N	02225E	74		1006.5	1015.4	12.5	-1.5	9.3	-1.4	4	26	-2	4	197	92
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1012.8	1014.7	14.3	-1.7	10.2	-1.4	5	41	17	5	173	75
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1012.5	1013.9	14.3	-1.1	11.4	-.7	8	58	11	4	212	100
16746 SOUDA (AIRPORT)	3529N	02407E	151		995.8	1013.9	14.4	-1.4	12.0	.4	5	68	37	5	193	84
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1008.9	1013.6	15.1	-1.5	9.8	-1.9	8	60	30	5	192	85
<b>TURKEY</b>																
17022 ZONGULDAK	4127N	03148E	137		999.2	1015.9	8.7	-2.8	8.4	-.5	10	63	-1	3	155	95
17030 SAMSUN	4117N	03618E	4		1014.9	1015.4	8.7	-2.7	9.0	-1.6		45	-16	2	178	145
17034 GIRESUN	4055N	03823E	37		1011.2	1015.9	8.7	-2.8	8.8	-1.5	12	92	11	4		
17040 RIZE	4102N	04031E	9		1014.2	1015.2	9.2	-2.4	9.2	-1.1	13	86	-15	3	133	85
17050 EDIRNE	4140N	02634E	51		1009.8	1016.0	10.4	-2.5	7.8	-2.1	8	55	3	3	218	105
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1011.8	1015.8	9.8	-2.2	8.8	-1.4	7	78	29	5	141	75
17074 KASTAMONU	4122N	03347E	800		921.3	1014.1	8.4	-1.2	6.8	-1.0	6	48	-9	2	184	105
17084 CORUM	4033N	03457E	776		923.4	1013.4	9.8	-.7	7.1	-.6	10	70	17	4	188	100
17090 SIVAS	3945N	03701E	1285		868.6	1012.4	8.5	-.5	6.8	-.1	12	114	59	6	171	90
17092 ERZINCAN	3945N	03930E	1218		875.7	1011.8	10.5	.0	7.7	.5	9	47	-3	3	158	85
17096 ERZURUM	3957N	04110E	1758		820.4	1013.6	4.4	-1.0	5.1	-.9	11	68	16	4	139	70
17098 KARS	4037N	04306E	1775		819.5	1014.9	3.9	-1.3	5.5	-.7	10	61	17	5	134	75
17112 CANAKKALE	4008N	02624E	6		1015.0	1015.8	9.8	-2.8	9.5	-1.6	7	83	36	5	213	90
17116 BURSA	4011N	02904E	100		1003.2	1015.3	9.9	-3.0	8.5	-1.7	10	112	50	6	145	80
17130 ANKARA/CENTRAL	3957N	03253E	891		910.5	1012.2	10.3	-.9	7.6	.1	8	70	22	4	176	85
17170 VAN	3827N	04319E	1662		830.5	1012.5	8.4	1.1	8.0	1.6	13	79	25	5	196	90
17188 USAK	3841N	02924E	919		907.4	1012.8	9.2	-1.7	7.7	-.6	9	105	56	5		
17190 AFYON	3845N	03032E	1034		895.3	1012.7	9.4	-.8	7.7	.3	9	56	13	4	143	70
17199 MALATYA/BOLGE	3821N	03819E	948		905.8	1013.1	12.2		8.0		10	64	4	178	80	
17210 SIIRT	3755N	04157E	896		911.4	1012.4	13.7	.2	9.2	.6	13	98	-14	3	154	75
17220 IZMIR/GUZELYALT	3826N	02710E	29		1009.7	1013.2	13.6	-2.2	11.0	-.3	10	105	61	5	182	75
17240 ISPARTA	3745N	03033E	997		899.3	1012.6	9.7	-.9	8.3	.7	13	133	79	5	176	85
17244 KONYA	3758N	03233E	1031		894.9	1011.8	9.5	-1.7	6.6	-.9	8	50	19	5	200	95
17250 NIGDE	3758N	03441E	1210		876.7	1012.0	10.1	-.2	7.3	.3	10	48	5	4	177	85
17255 KAHRAMANMARAS	3736N	03656E	572		946.2	1011.9	15.0	-.1	9.8	.3	9	89	18	4	162	65
17270 SANLIURFA	3708N	03846E	549		948.6	1011.3	15.9	.1	11.1	1.3	7	22	-29	2	181	75
17280 DIYARBAKIR	3753N	04012E	677		934.9	1012.3	13.4	-.5	9.8	-.3	10	81	7	3	160	70
17285 HAKKARI	3734N	04346E	1728		826.1	1014.4	7.8	.0	6.9	.6	14	163	28	4	162	80
17292 MUGLA	3713N	02822E	646		937.4	1012.0	11.7	-.8	9.6	.6	10	80	17	4	186	80
17300 ANTALYA	3642N	03044E	54		1003.9	1009.9	15.8	-.3			8	167	120	4	227	90

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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	
17340 MERSIN	3648N	03438E	3		1011.5	1011.9	17.7	.7	14.1	-.8	8	46	10	4	212	90
17351 ADANA/BOLGE	3659N	03521E	27		1008.9	1012.2	17.0		14.1		8	61	3	170	75	
<b>CYPRUS</b>																
17609 LARNACA AIRPORT	3453N	03338E	2		1011.6	1012.0	16.8	-.1	13.2		2	11	-1	225	83	
<b>RUSSIAN FEDERATION (EUROPE)</b>																
22113 MURMANSK	6858N	03303E	51		1014.5	1020.9	-.3	1.3	4.3	.2	5	16	-4	3	241	
22165 KANIN NOS	6839N	04318E	49		1013.3	1019.7	-3.9	1.3	4.0	.2	6	20	-1	3	134	
22550 ARHANGEL'SK	6430N	04044E	8		1020.7	1021.7	-.3	.1	4.6	.1	6	15	-16	2	180	
22602 REBOLY	6350N	03049E	182		999.0	1021.9	-1.0	-.6	3.5	-.9	1	12	-25		201	
22837 VYTEGRA	6101N	03627E	56		1013.5	1020.6	1.2	-.9	5.4	.2	7	29	-12	2	175	91
<b>ESTONIA</b>																
26038 TALLINN	5923N	02435E	34		1014.4	1019.1	2.1	-1.3	5.3	-.6	11	43	7	4	186	100
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26063 ST. PETERBURG	5958N	03018E	6		1019.0	1019.8	2.3	-1.7	5.5	-.2	6	20	-13	2	182	101
<b>ESTONIA</b>																
26214 VILSANDI	5823N	02149E	6		1017.8	1018.8	2.3	-1.0	6.0	-.3	9	56	27	4	186	95
26242 TARTU	5818N	02644E	68		1010.3	1019.1	3.6	-.6	5.5	-.5	12	51	17	4	188	104
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26477 VELIKIE LUKI	5621N	03037E	106		1005.1	1018.0	3.7	-1.4	5.4	-.8	10	38	3		183	99
<b>LITHUANIA</b>																
26509 KLAJPEDA	5544N	02104E	7		1017.0	1017.9	4.8	-.2	5.9	-.9	8	50	14	5	212	118
26524 SIAULIAI	5556N	02319E	107		1004.6	1017.9	4.6	-.6	5.8	-.8	8	43	5	4	190	108
26629 KAUNAS	5453N	02350E	77		1008.2	1017.8	5.4	-.4	6.0	-1.1	9	32	-10		205	117
26730 VILNIUS	5438N	02506E	156		998.3	1017.6	4.8	-.9	5.6	-1.0	8	40	-6		197	120
<b>BELARUS</b>																
26850 MINSK	5356N	02738E	231		990.2	1017.7	4.9	-1.1	5.6	-1.1	8	48	6	4	177	101
<b>RUSSIAN FEDERATION (EUROPE)</b>																
27037 VOLOGDA	5919N	03955E	130		1003.9	1020.2	2.0	-.8	5.3	-1.7	8	25	-10	2	143	75
27595 KAZAN'	5536N	04917E	116		1008.0	1022.7	5.6	.9	5.6	-.5	6	25	-11	2	217	106
27612 MOSKVA	5550N	03737E	156		1000.5	1020.0	4.7	-1.1	5.6	-.8	13	46	3			
<b>UKRAINE</b>																
33345 KYIV	5024N	03034E	167		997.9	1018.4	7.0	-1.7	5.8	-1.7	02	0010	-039	4		
33393 L'VIV	4949N	02357E	323		977.8	1016.9	7.2	-.5	6.1	-1.5	9	31	-20	1	186	99
33506 POLTAVA	4936N	03433E	160		999.4	1019.1	5.3	-3.5	5.8	-1.7	5	24	-16	2		
33562 VINNYTSIA	4914N	02836E	298		981.4	1017.5	6.2	-1.7	5.7	-1.7	2	12	-36	1	183	107
33587 UMAN'	4846N	03014E	216		991.8	1018.2	6.8	-1.7	6.0	-1.6	4	36	-12	2		
33631 UZHGOROD	4838N	02216E	124		1002.2	1016.4	10.1	-.6	6.1	-1.9	7	30	-15	2	217	114
33658 CHERNIIVTSI	4822N	02554E	246		988.2	1017.1	7.9	-.9			5	11	-47	1	186	115

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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>REPUBLIC OF MOLDOVA</b>																
33815 KISINEV	4701N	02859E	173		995.2	1017.1	8.5	-1.8	6.3	-1.5	6	35	-7	2	224	120
<b>UKRAINE</b>																
33837 ODESA	4626N	03046E	42		1012.4	1017.6	7.5	-1.5	7.2	-1.4	4	39	5	4	222	119
33846 MIKOLAIV	4702N	03157E	50		1011.5	1017.5	8.3	-1.9	6.2	-2.1	4	40	8	4		
33889 IZMAIL	4522N	02851E	30		1013.0	1016.7	9.0	-1.5	7.0	-1.7	6	29	-5	2	224	115
33910 HENICHES'K	4610N	03449E	15		1015.5	1017.3	7.1	-2.3	7.5	-1.8	5	33	4	4	231	118
33915 ASKANIYA-NOVA	4627N	03353E	30		1013.8	1017.5	7.8	-1.8	6.1	-2.3	3	10	-17	1	208	109
33946 SIMFEROPOL'	4441N	03408E	181		993.9	1016.0	7.3	-2.9	6.6	-1.6	5	40	7	4	219	104
33983 KERCH	4524N	03625E	49		1010.8	1016.9	7.3	-2.4	6.9	-2.2	6	25	-4	3	198	104
33990 YALTA	4529N	03410E	72		1007.7	1016.5	8.7	-2.1	7.4	-1.6	6	42	7	4	194	108
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34123 VORONEZ	5142N	03913E	149		1002.3	1020.7	6.2		5.6		5	29		3		
34172 SARATOV	5134N	04602E	156		997.5	1022.3	4.4	-3.0	5.6	-1.1	5	24	0	3	212	97
<b>UKRAINE</b>																
34300 KHARKIV	4958N	03608E	155		1000.7	1019.8	6.2	-2.7	6.1	-1.4	5	26	-10	2	166	102
<b>KAZAKHSTAN</b>																
34398 ZHALPAKTAL	4940N	04929E	10		1021.0	1022.3	7.9	-1.0	6.6	-.7	5	30	12	0	269	129
<b>UKRAINE</b>																
34519 DONETS'K	4804N	03746E	225		991.6	1019.1	6.9	-2.4	5.6		4	25	-16	2		
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34880 ASTRAHAN'	4617N	04803E	-23		1023.0	1020.5	8.5	-2.6	6.4	-1.6	3	20	-5	5		
<b>UZBEKISTAN</b>																
38178 AK-BAJTAL	4309N	06420E	234		991.1	1019.1	11.6	-2.3	7.5	.0	5	32	10	5	230	94
<b>SYRIAN ARAB REPUBLIC</b>																
40001 KAMISHLI	3703N	04113E	455			1011.5	13.8	-2.2	10.9	.4	6	46	-20			
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		966.4	1012.9	15.4	-.4	11.1	.9	5	28	-5			
40022 LATTAKIA	3532N	03546E	7		1010.2	1011.1	17.5	-.3	14.0	.4	9	68	20		175	78
40030 HAMA	3507N	03645E	303		976.2	1011.6	16.4	.5	11.0	.7	8	21	-11			
40045 DEIR EZZOR	3519N	04009E	212		987.5	1011.5	19.2	.5	10.4	1.0	4	4	-18			
40061 PALMYRA	3433N	03818E	404		964.1	1010.5	18.6	.7	8.6	-.1	1	4	-16		259	100
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		942.1	1011.3	16.1	.6	8.5	.1	1	15	4		256	103
<b>ISRAEL</b>																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1007.5	1012.2	19.6		12.5		1	4		1		
40199 EILAT	2933N	03457E	12		1011.1	1011.4	24.2	-.2	10.6						243	85
<b>ASIA</b>																
<b>RUSSIAN FEDERATION (IN ASIA)</b>																

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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	
20069 OSTROV VIZE	7930N	07659E	10		1010.4	1011.7	-19.6	1.1	1.4	.2	2	9	1	4	254	
20292 GMO IM.E.K. FEDOROVA	7743N	10418E	15		1008.3	1010.3	-21.6	- .5	1.1	.0	8	16	3		194	
20674 OSTROV DIKSON	7330N	08024E	47		1003.5	1009.7	-16.7	1.2			8	25	7	4	186	
20891 HATANGA	7159N	10228E	33		1003.4	1007.8	-16.0	2.1	.9	- .5		24	10	0	192	
21946 CHOKURDAH	7037N	14753E	61		1003.0	1011.2	-16.7	2.4	1.3	.1	2	7	-1		283	
23205 NAR' JAN-MAR	6738N	05302E	12		1017.6	1019.1	-5.4	2.2	2.5	- .6	2	18	-5	2	186	
23330 SALEHARD	6632N	06640E	16		1014.1	1016.3	-6.9	3.0	3.0	.3	5	28	5		244	
23472 TURUHANSK	6547N	08756E	38		1007.5	1012.4	-8.7	- .2	2.4	- .1	20	53	23	5	186	
23552 TARKO-SALE	6455N	07749E	27		1011.6	1015.1	-8.0	1.2	2.7	.0	12	47	21	6	223	
23724 NJAKSIMVOL'	6226N	06052E	51		1013.9	1020.4	.1	1.0	4.0	- .1	4	15	-20		210	
23804 SYKTYVKAR	6143N	05050E	119		1006.4	1021.3	2.3	1.2	4.8	.1	3	19	-13	1	222	120
23884 BOR	6136N	09001E	58		1007.0	1014.3	-3.6	- .1	3.5	.2	13	51	20	5	161	80
23933 HANTY-MANSIJSK	6101N	06902E	46		1014.5	1020.5	- .6	.9	3.9	- .2	4	21	-9		275	133
24125 OLENEK	6830N	11226E	220		978.1	1005.7	-11.1	1.1	2.0	.3	4	24	11		204	
24143 DZARDZAN	6844N	12400E	39		996.3	1001.2	-5.8	6.9	2.9	1.1	8	27	13			
24266 VERHOJANSK	6733N	13323E	137		989.6	1007.5	-11.2	1.7	2.9	1.2	3	4	-2		258	
24507 TURA	6416N	10014E	168		986.8	1010.4	-5.5	2.0	2.6	.1	4	14	-2	3	216	
24641 VILJUJSK	6346N	12137E	111		993.5	1007.6	-4.6	2.4	2.7	.4	5	24	13		214	
24688 OJMJAKON	6315N	14309E	741		917.1	1011.2	-15.4	-1.0	1.5	- .2	3	6	0		333	
24738 SUNTAR	6209N	11739E	133		991.0	1008.8	-2.4	3.4	3.4	.9	7	18	7		232	
24817 ERBOGACEN	6116N	10801E	291		973.4	1010.4	-2.9	2.7	2.8	.2	8	30	14		194	83
24959 JAKUTSK	6201N	12943E	101		995.3	1008.2	-4.0	2.1	2.9	.4	2	6	-3		277	
25173 MYS SHMIDTA	6854N	17922W	4		1010.6	1011.1	-13.9	4.8	2.3	.9	7	15	2			
25399 MYS UELEN	6610N	16950W	3		1009.6	1010.0	-7.5	7.1	3.3	1.3	6	48	23			
25400 ZYRJANKA	6544N	15054E	43		1004.1	1009.7	-11.8	.2	1.9	.1	2	8	1		331	
25563 ANADYR'	6447N	17734E	61		999.0	1006.9	-8.1	5.7	3.0	1.0	9	33	16		170	
25703 SEJMCCHAN	6255N	15225E	205		981.6	1008.7	-10.3	.6	2.2	.2	4	9	0		301	
25744 KAMENSKOE	6226N	16605E	10		1002.1	1003.4	-5.9	5.6	3.5	1.2	6	14	-8		138	
25954 KORF	6021N	16600E	4		1002.5	1003.0	-3.9	2.9	3.5	.4	4	11	-9	2	200	92
28224 PERM'	5801N	05618E	171		1001.7	1023.0	4.3		5.9		4	16			248	
28275 TOBOL'SK	5809N	06815E	50		1016.1	1022.2	2.1	.4	4.3	- .7	4	19	-7	3	285	131
28440 EKATERINBURG	5650N	06038E	283		988.4	1023.0	4.8	.8	5.4	.5	2	9	-18	1		
<b>KAZAKHSTAN</b>																
28679 PETROPAVLOVSK	5450N	06909E	142		1006.7	1024.7	1.2	-2.3	5.3	- .3	3	15	-4	3	271	115
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
28698 OMSK	5501N	07323E	122		1008.0	1023.3	2.4	-1.0	4.9	- .4	4	12	-9		283	120
<b>KAZAKHSTAN</b>																
28879 KOKSHETAY	5317N	06923E	229		998.5	1025.3	2.3	-1.7	5.4	.0	3	7	-10	2	276	122
28952 KUSTANAI	5313N	06337E	156		1006.4	1025.4	3.2	-2.1	5.0	- .9	3	42	19	0	303	121
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29231 KOLPASEVO	5819N	08257E	75		1009.5	1019.1	- .7	.2	3.7	- .2	6	37	11		245	110
29263 ENISEJSK	5827N	09209E	79		1007.0	1017.0	- .4	.0	3.9	.1	11	33	10	1	188	87
29282 BOGUCANY	5823N	09727E	133		998.8	1015.6	.5	1.1	3.7	.1	6	19	3	4	199	94
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		985.0	1019.4	1.2		4.1		9	44	5			

# SURFACE

## APRIL 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	
<b>KAZAKHSTAN</b>																
29807	IRTYSHSK	5321N	07527E	94	1012.3	1024.1	3.2	-0.9	4.8	-0.8	2	10	-4			
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29838	BARNAUL	5326N	08331E	184	1000.1	1023.2	1.9	-1.2	4.9	-0.1	4	25	0		229	105
29866	MINUSINSK	5342N	09142E	254	989.6	1021.0	3.1	-0.3	4.6	0.0	5	25	11	5	215	128
30230	KIRENSK	5746N	10804E	259	982.4	1014.7	-0.2	2.2	3.6	0.4	4	13	-1		207	96
30309	BRATSK	5617N	10145E	416	966.1	1017.4	0.4	1.4	3.7	0.1	5	14	-3		222	102
30469	KALAKAN	5507N	11646E	613	937.4	1011.9	-1.1	2.5	3.6	0.9	3	19	5	4	263	114
30554	BAGDARIN	5428N	11335E	903	906.1	1013.5	-1.6	2.4	3.0	0.4	01	1	-10	1		
30635	UST' -BARGUZIN	5325N	10901E	461	960.7	1017.3	-0.2	1.9	4.0	0.4	1	2	-10	1		
30673	MOGOCA	5345N	11944E	625	935.9	1011.2	0.7	2.6	3.9	0.8	4	13	-3	3	259	115
30710	IRKUTSK	5216N	10419E	469	961.1	1018.1	3.6	2.2	3.7	-0.2	2	7	-11		231	104
30758	CHITA	5205N	11329E	671	933.3	1013.5	-2.9	-3.1	3.1	0.2	0	T	-9	0	258	107
31004	ALDAN	5837N	12522E	79	983.7	1010.8	-3.2	2.0	2.7	0.0	10	23	-12		217	103
31088	OHOTSK	5922N	14312E	6	1004.5	1005.2	-3.4	1.6	3.7	0.4	4	23	-3		219	95
31168	AJAN	5627N	13809E	8	1007.1	1008.2	-0.8	2.8	3.3	-0.3	0	T	-55		210	115
31253	BOMNAK	5443N	12856E	357	964.6	1009.4	1.3	2.1	3.5	0.2	5	16	-24		262	122
31369	NIKOLAEVSK-NA-AMURE	5309N	14042E	68	999.9	1008.4	-1.2	0.8	4.2	0.1	6	23	-14			
31416	IM POLINY OSIPENKO	5225N	13630E	73	999.0	1007.9	4.3	4.3	4.6	0.7	4	42	13		240	109
31510	BLAGOVESCHENSK	5015N	12734E	132	993.2	1009.3	6.8	3.2	3.7	-0.6	4	33	1			
31735	HABAROVSK	4831N	13510E	76	998.9	1009.9	7.7	3.5	4.6	-0.3	5	20	-23		245	115
31960	VLADIVOSTOK	4307N	13154E	183	990.9	1013.9	6.7	2.3	6.1	0.3	6	29	-23	1	163	85
32150	JUZHNNO-SAHALINSK	4657N	14243E	24	1008.7	1011.6	3.0	1.3	5.6	0.4	3	23	-34	1	218	114
32583	PETROPAVLOVSK- KAMCATSKIJ	5259N	15839E	24	1000.7	1003.7	0.8		4.3		6	43		2		
32618	NIKOL'SKOE	5512N	16559E	18	998.6	1000.8	-0.1	0.5	5.5	0.5	11	65	24		152	126
<b>KAZAKHSTAN</b>																
35078	ATBASAR	5149N	06822E	304	988.2	1026.2	0.6	-3.3	4.7	-1.2	3	17	-4	4	258	110
35108	URALSK	5115N	05117E	37	1018.0	1023.5	6.1	-1.6	5.6	-1.1	4	10	-9	1		
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
35121	ORENBURG	5141N	05506E	117	1010.0	1024.6	5.0	-1.7	5.2	-1.3	2	8	-16	1	230	103
<b>KAZAKHSTAN</b>																
35188	AKMOLA	5108N	07122E	350	982.7	1026.0	2.4	-2.5	5.1	-0.6	4	12	-10	3	286	120
35229	AKTJUBINSK	5017N	05709E	219	997.2	1024.3	4.6	-2.2	5.4	-0.9	3	16	-9	3	216	91
35394	KARAGANDA	4948N	07309E	553	958.3	1025.6	3.3	-2.0	4.5	-0.9	3	19	-3		261	113
35406	TAIPAK	4903N	05152E	2	1019.0	1019.2	8.1	-1.5	5.7	-1.2	7	50	33	0	284	116
35416	ULL	4904N	05441E	128			7.1	-1.5	5.5	-1.0	6	29	9	1		
35746	ARALSKOE MORE	4647N	06139E	62	1014.1	1021.9	9.5	-0.4	5.8	-0.6	2	4	-12	2	255	98
35796	BALHASH	4648N	07505E	350	981.6	1024.5	5.0	-2.8	5.3	-0.5	2	4	-6	1	286	104
35849	KAZALINSK	4546N	06207E	68	1013.7	1021.7	9.7	-1.4	5.2	-1.5	1	3	-15	2	240	94
35925	SAM	4524N	05607E	88	1009.7	1020.6	9.1	-2.1	6.1	-0.7	4	29	14			
35953	DZHUSALY	4530N	06405E	103	1008.6	1021.3	9.9		5.2		1	3		2		
36177	SEMIPALATINSK	5025N	08018E	196	999.7	1023.9	5.2	-0.5	4.8	-0.7	3	11	-6	3	273	112
36208	LENINOGORSK	5020N	08333E	811	926.3	1024.1	1.6	-1.4	4.3	-0.3	3	11	-34	1		
36535	KOKPEKTY	4845N	08222E	512			2.8	-1.4	5.1	-0.2	3	8	-7		250	101
36859	ZHARKENT	4410N	08004E	645	945.4	1021.2	9.5	-3.4	6.2	-0.9	5	22	3		217	90

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## APRIL 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	
<b>36870 ALMATY</b>	4314N	07656E	851		922.5	1021.8	7.3	-3.8	6.7	-1.0	12	125	21	5	161	83
38062 KYZYLORDA	4451N	06530E	130		1004.8	1020.3	10.5	-2.0	6.2	-1.1	2	19	0	3		
38198 TURKESTAN	4316N	06813E	207		994.5	1019.2	12.6	-1.9	7.2	-1.0	5	57	26			
<b>UZBEKISTAN</b>																
<b>38262 CHIMBAJ</b>	4257N	05949E	66		1011.2	1019.1	12.1	-.8	7.5	-.8	5	21	-1	4	182	83
38396 URGENCH	4134N	06034E	101		1012.6	1019.4	12.8		7.7		4	14		3		
38403 BUZAUBAJ	4145N	06228E	98		1007.5	1019.0	11.7		7.7		3	26		1		
<b>38413 TAMDY</b>	4144N	06437E	237		990.8	1019.2	13.5	-1.8	8.1	.2	4	18	-5	2	215	96
<b>38457 TASHKENT</b>	4116N	06916E	488		960.5	1017.6	13.4	-2.0	9.7	-.2	11	92	28	4	161	75
<b>TURKMENISTAN</b>																
<b>38507 TURKMENBASHI</b>	4003N	05300E	-13		1008.5	1018.7	11.1	-2.3	8.7	-.3	7	89	73		119	52
38545 DARGANATA	4028N	06217E	142		999.8	1017.3	14.1		9.2		3	11				
<b>UZBEKISTAN</b>																
38611 NAMANGAN	4059N	07135E	474		963.0	1018.5	13.5		10.8		13	87		6	168	75
38618 FERGANA	4022N	07145E	577		949.7	1016.6	13.3	-2.7	11.1	.6	10	86	66	6	142	69
38683 BUHARA	3943N	06437E	226		989.2	1016.1	15.2		10.3		3	21		3		
<b>TURKMENISTAN</b>																
38687 CHARDZHEV	3905N	06336E	190		994.7	1017.6	15.7	-1.7	10.3	.1	5	28	5			
<b>UZBEKISTAN</b>																
38696 SAMARKAND	3934N	06657E	724		933.0	1015.9	13.3	-1.2	10.2	.2	6	86	23	4	184	84
38812 KARSHI	3848N	06543E	376		972.2	1016.1	15.4		13.0		2	26		2		
38927 TERMEZ	3714N	06716E	310		979.9	1016.0	17.7	-.9	12.0	.5	4	20	-6	2	216	88
<b>SAUDI ARABIA</b>																
40356 TURAIF	3141N	03844E	852		915.3	1478 Y	18.3		6.9		1	2			278	
40357 ARAR	3054N	04108E	549		948.7	1007.9	22.8		7.7		0	0				
40360 GURIAT	3124N	03716E	504		953.5	1010.7	19.5		6.9		0	0			252	
<b>40361 AL-JOUF</b>	2947N	04006E	689		935.7	1010.0	22.4		6.3		0	0				
40362 RAFHA	2937N	04329E	444		959.4	1009.4	24.2		9.4		1	18			197	
40373 AL QAYSUMAH	2819N	04607E	360		968.7	1008.7	27.0		10.4			5				
40400 WEJH	2612N	03628E	21		1006.9	1009.8	24.8		18.1		0	0			310	
40416 DHAHRAN	2616N	05009E	17		1007.1	1009.0	26.5	1.5	16.1	4.6	2	4	-7			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		1008.6	1010.0	27.1		12.1		4	7				
40420 AL AHSA	2518N	04929E	178		990.0	1010.0	28.3		12.5		4	64				
<b>40430 MADINAH</b>	2433N	03942E	636		938.0	1006.9	29.5	1.9	7.6	1.4	0	0	-11		287	
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		942.2	1009.6	27.3		9.4		5	216			219	
<b>40438 RIYADH</b>	2443N	04644E	620		942.3	1010.1	27.7	2.0	9.4	.0	5	279	250		234	
40439 YENBO	2409N	03804E	10		1007.6	1008.8	28.3		19.6		0	0				
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
<b>40706 TABRIZ</b>	3805N	04617E	1361		869.0	1022.9	8.3	-2.6	6.5	-.6	5	16	-37		182	93
40712 ORUMIEH	3732N	04505E	1312		872.5	1021.5	7.8	-2.7	6.3	-1.1	3	23	-35		165	84
40718 ANZALI	3728N	04928E	-23			1021.6	11.2	-2.1	11.2	-1.9	9	124	69		67	50
<b>40745 MASHHAD</b>	3616N	05938E	989		907.6	1022.5	10.2	-3.9	7.9	-1.7	3	22	-26		158	81

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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	%
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		886.0	1019.1	13.5	-2.9	10.3	3.6	4	28	1	200	91	
40766 KERMANSHAH	3416N	04707E	1322		868.2	1012.9	9.2	-3.5	6.3	-1.5	7	29	-40	119	58	
40800 ESFAHAN	3238N	05143E	1550		848.3	1019.5	10.0	-5.7	6.3	-1.1	3	19	0	221	91	
40831 ABADAN	3022N	04815E	11		1016.6	1017.4	19.0	-5.8	11.1	-1.7	1	3	-11	242	110	
<b>40841 KERMAN</b>	3015N	05658E	1754		828.5	1018.8	10.0	-7.2	5.1	-.9	2	10	-9	224	101	
<b>40848 SHIRAZ</b>	2932N	05235E	1491		854.8	1017.8	13.2	-3.0	6.1	-1.7	1	2	-28	250	101	
<b>SAUDI ARABIA</b>																
41030 MAKKAH	2126N	03946E	240		981.3	1010.8	31.5		20.5		0	0				
41036 TAIF	2129N	04033E	1454		854.7	1497 Y	23.9	2.1	9.5	1.1	1	1	0	275		
41055 AL BAHA	2018N	04138E	1662		835.6	1497 Y	23.8		11.2		2	12		299		
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		939.6	1007.1	29.7		11.1		2	65		286		
41084 BISHA	1959N	04237E	1163		884.5	1507 Y	27.3		11.1		2	16		276		
41112 ABHA	1814N	04239E	2093		794.6	1504 Y	22.2		12.2		2	16		297		
41114 KHAMIS MUSHAIT	1818N	04248E	2056		797.9	1501 Y	20.7		11.9		3	13		302		
41128 NAJRAN	1737N	04425E	1210		878.9	1503 Y	26.9		9.7		4	52		256		
41136 SHARURAH	1728N	04707E	725		929.3	1007.3	29.6		12.2		11	115		313		
41140 GIZAN	1654N	04235E	7		1007.3	1008.1	30.9		30.0		1	42				
<b>BAHRAIN</b>																
<b>41150 BAHRAIN (INT. AIRPORT)</b>	2616N	05039E	2		1010.0	1010.2	26.3	1.0	19.5	-.6	2	8	-2	4	95	
<b>UNITED ARAB EMIRATES</b>																
41194 DUBAI INTERNATIONAL AIRPORT	2515N	05520E	5		1009.6	1010.1	28.0	1.9	17.7	-.2	2	19	12	318	108	
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1007.4	1010.2	28.3	2.2	17.9	.5	3	45	38	5	290	98
<b>PAKISTAN</b>																
41598 JHELUM	3256N	07343E	234		980.7	1006.7	27.2	1.8	15.3		3	13	-23	1		
41600 SIALKOT	3230N	07432E	256		976.3	1005.9	26.2	1.2	15.6		3	16	-14	3		
<b>41620 ZHOB</b>	3121N	06928E	1407		854.4	1465 Y			6.9		2	11	-18	2		
41624 DERA ISMAIL KHAN	3149N	07055E	173		986.8	1006.2	26.8	.8	16.0		2	15	-6	3		
<b>41640 LAHORE CITY</b>	3133N	07420E	215		982.2	1005.9	29.4	2.6	14.8		1	3	-16	2		
41675 MULTAN	3012N	07126E	123		990.2	1006.2			13.9		3	3	-9	3		
41685 BAR KHAN	2953N	06943E	1097			1477 Y	25.1	1.6	6.2		1	6	-26			
<b>41712 DAL BANDIN</b>	2853N	06424E	850		916.1	1492 Y			5.9		1	7	0	4		
41715 JACOBABAD	2818N	06828E	56		998.0	1005.8	31.2	1.0	13.9							
41718 KHANPUR	2839N	07041E	88		996.2	1005.9	29.0	1.3	16.8							
41739 PANJGUR	2658N	06406E	981		901.6	1481 Y	25.8	2.1	9.3							
<b>INDIA</b>																
<b>42027 SRINAGAR</b>	3405N	07450E	1587		841.9	1504 Y	14.8	.6	10.3		11	127	42	5	180	
42071 AMRITSAR	3138N	07452E	234		980.5	1006.3	25.7	.6	14.3		2	10	-19	3	264	
42147 MUKTESHWAR KUMAON	2928N	07939E	2311		776.3	3181 Z	16.4	1.0	7.7		2	16	-24	2		
<b>42165 BIKANER</b>	2800N	07318E	224			1005.6	30.6	.4	8.7		1	1	-6	3		
<b>42182 NEW DELHI/SAFDARJUNG</b>	2835N	07712E	216		981.7	1005.5	29.9	1.1	14.3		01	1	-20	2	244	
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		999.7	1009.9	23.7	.7	23.0		20	166	-81	1	105	
42339 JODHPUR	2618N	07301E	224			1005.9	32.0		9.2		0	0		3		
<b>42410 GAUHATI</b>	2606N	09135E	54		1002.1	1008.3	25.2	-.1	25.3		18	249	68	5	173	
42452 KOTA AERODROME	2509N	07551E	274			1005.6	33.7	2.0	8.8		1	20	16	5		



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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	%		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		994.9	1005.7	32.2	1.5	14.6		01	1	-5	2	194	71
<b>42515 CHERRAPUNJI</b>	2515N	09144E	1313			1497 Y	18.6	.5	18.4		14	406	-532	2		
42619 SILCHAR	2445N	09248E	29		1005.1	1008.5	26.4		25.3		13	270		3		
42647 AHMADABAD	2304N	07238E	55		1001.1	1007.3	32.7	1.0	16.1		0	0	-3	4	291	98
<b>42671 SAGAR</b>	2351N	07845E	551		945.9	1005.0	32.0	1.4	15.5		2	45	43	0		
<b>42731 DWARKA</b>	2222N	06905E	11		1007.6	1008.9	28.5	1.0	28.9		0	0	0			
42754 INDORE	2243N	07548E	567		944.5	1006.7	30.8	.8	9.6		0	0	-3	3	301	99
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1006.5	1007.2	31.0	.8	33.8		3	48	-12	3	229	97
42867 NAGPUR SONEGAON	2106N	07903E	310		971.6	1005.2	33.2	.7	20.3		2	11	3	4	282	97
42909 VERAVAL	2054N	07022E	8		1008.0	1008.9	27.7	.7	29.6		0	0	-1	5		
42933 AKOLA	2042N	07702E	282		974.7	1005.3	32.7	-.3	11.7		0	T	-2	3		
42971 BHUBANESWAR	2015N	08550E	46		1002.3	1007.3	32.3	1.4	31.1		1	3	-23	1	220	92
<b>43041 JAGDALPUR</b>	1905N	08202E	553		947.1	1006.7			18.8		3	18	-26	1		
43057 BOMBAY/COLABA	1854N	07249E	11		1007.5	1008.7	29.3	.6	28.9		0	0	-2	4	271	96
<b>43063 POONA</b>	1832N	07351E	559		946.4	1006.8	29.7	.9	15.1		1	1	-10	2	305	101
<b>43128 HYDERABAD AIRPORT</b>	1727N	07828E	545		947.7	1006.3	31.6	.1	18.5		2	27	10	4	273	100
43149 VISHAKHAPATNAM	1743N	08314E	3		1008.1	1008.5	31.7	1.0	29.5		0	0	-39	1		
43185 MACHILIPATNAM	1612N	08109E	3		1007.9	1008.1	31.7	1.5	30.8		0	0	-9	3	280	
43192 GOA/PANJIM	1529N	07349E	60		1001.7	1008.5	29.6	.3	29.7		0	0	-5	2	258	89
43198 BELGAUM/SAMBRA	1551N	07437E	747		926.4	1006.8	28.4	.1	19.6		7	61	14	4		
<b>43279 MADRAS/MINAMBAKKAM</b>	1300N	08011E	16		1006.7	1008.4	30.9	.0	30.7		01	1	-11	3	270	93
<b>43295 BANGALORE</b>	1258N	07735E	921		908.1	1503 Y	28.3	.3	20.9		6	84	52	5	215	84
43314 KOZHICODE	1115N	07547E	5		1008.2	1008.8	30.2	.6	32.7		6	198	114	5		
<b>43333 PORT BLAIR</b>	1140N	09243E	79		1001.2	1010.0	28.3	.4	29.2		2	13	-57	2	278	115
<b>43363 PAMBAN</b>	0916N	07918E	11		1007.3	1008.5	30.7	.2	31.9		5	86	47	4		
<b>43369 MINICOY</b>	0818N	07309E	2		1008.8	1009.0	30.1	.8	33.3		4	54	-6	3	228	89
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1001.9	1009.1	29.1	.0	31.6		11	48	-77	1	178	83
<b>SRI LANKA</b>																
43418 TRINCOMALEE	0835N	08115E	7		1000.5	1009.2	29.5	.1	32.5	2.2	5	15	-35			
43466 COLOMBO	0654N	07952E	7		1008.1	1008.9	28.9	.7	32.2	1.5	8	96	-157		243	104
43497 HAMBANTOTA	0607N	08108E	20		1007.3	1009.0	28.4	.3	32.1	1.9	11	381	286			
<b>NEPAL</b>																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		864.3	1482 Y	21.0		18.4		8	38			224	95
<b>HONG KONG, CHINA</b>																
45004 KING'S PARK	2219N	11410E	66		1004.4	1012.0	23.6	1.1	23.1	.9	7	61	-99	2	123	114
<b>MACAU</b>																
45011 TAIPA	2110N	11334E	114		999.3	1012.6	23.3		25.0		8	70		1	106	120
<b>REPUBLIC OF KOREA</b>																
47101 CHUNCHON	3754N	12744E	75		1006.1	1015.2	11.7	.4	8.4	.4	11	147	73	5	172	79
47105 KANGNUNG	3745N	12854E	27		1011.7	1014.8	12.8	.8	8.7	.4	11	200	123	5	165	81
47108 SEOUL	3734N	12658E	87		1004.7	1014.9	13.2	1.4	8.8	.3	10	140	47	5	126	61
47115 ULLUNGDO	3729N	13054E	223		988.3	1014.6	10.4	.1	9.3	.4	11	396	315	6	226	116
47133 TAEJON	3618N	12724E	78		1006.9	1015.4	13.6	1.4	9.3	.3	10	218	121	6	176	81
47138 POHANG	3602N	12923E	6		1014.9	1015.2	14.2	1.5	9.5	.3	9	166	84	5	196	101

# SURFACE

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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.
47159 PUSAN	3506N	12902E	71		1006.7	1015.0	13.8	.9	11.0	.9	11	232	84	5	150	77
47165 MOKPO	3447N	12623E	56		1010.9	1015.3	12.9	.8	10.8	.2	9	195	100	5	172	91
47168 YOSU	3444N	12744E	68		1007.0	1014.8	14.2	1.5	10.9	.8	11	209	67	5	160	78
47184 CHEJU	3331N	12632E	24		1012.9	1015.6	14.1	.8	11.3	-.1	10	121	24	4	176	93
<b>JAPAN</b>																
47401 WAKKANAI	4525N	14141E	11		1010.9	1012.3	5.3	.9	6.8	.6	5	44	-11	3	186	107
47407 ASAHIKAWA	4346N	14222E	116		998.8	1013.0	6.7	1.7	6.3	.4	11	59	3	4	159	93
47409 ABASHIRI	4401N	14417E	43		1007.1	1012.4	5.1	1.0	5.7	.0	9	58	8	4	166	93
47412 SAPPORO	4303N	14120E	26		1009.8	1012.9	8.2	1.8	6.7	.5	7	61	-1	3	155	85
47418 KUSHIRO	4259N	14424E	37		1008.5	1013.4	3.6	.2	6.3	.1	8	55	-28	2	146	81
47420 NEMURO	4320N	14535E	39		1008.0	1012.8	3.2	.1	6.2	.1	9	77	-7	3	150	85
47421 SUTTSU	4248N	14014E	38		1008.4	1013.1	7.6	1.8	7.1	.4	10	57	-9	3	172	97
47426 URAKAWA	4210N	14247E	37		1009.2	1013.7	5.1	.3	7.2	.5	9	72	-17	2	159	85
47430 HAKODATE	4149N	14045E	43		1008.3	1013.6	8.1	1.5	7.5	.5	11	100	23	4	170	92
47575 AOMORI	4049N	14046E	3		1013.2	1013.6	9.3	1.7	7.5	.3	12	98	31	5	193	102
47582 AKITA	3943N	14006E	21		1011.8	1014.4	9.9	.8	9.0	.9	12	163	29	5	156	87
47585 MIYAKO	3939N	14158E	46		1008.1	1013.8	9.3	.7	7.7	.3	8	42	-48	1	176	93
47598 ONAHAMA	3657N	14054E	5		1014.3	1014.9	11.4	.6	10.2	.7	12	143	15	4	183	99
47600 WAJIMA	3723N	13654E	14		1013.5	1015.1	11.3	.8	10.0	.7	14	194	64	6	157	85
47602 AIKAWA	3802N	13815E	17		1012.9	1014.9	11.2	.7	9.8	.9	13	165	63	6	155	86
47605 KANAZAWA	3635N	13638E	33		1011.1	1015.1	12.8	.7	10.7	1.0	15	229	82	6	148	88
47618 MATSUMOTO	3615N	13758E	611		943.1	1014.0	11.7	1.3	8.8	1.2	12	98	12	3	158	81
47624 MAEBASHI	3624N	13904E	113		1001.1	1014.6	13.4	.8	9.1	.2	10	106	29	4	176	99
47636 NAGOYA	3510N	13658E	56		1008.4	1015.0	14.8	1.0	11.2	.8	14	193	43	5	136	77
47648 CHOSHI	3544N	14052E	28		1011.3	1014.6	13.8	.8	12.4	.9	15	162	34	4	154	93
47655 OMAEZAKI	3436N	13813E	47		1008.9	1014.4	15.5	1.3	13.3	.8	11	172	-18	2	155	88
47662 TOKYO	3541N	13946E	36		1010.3	1014.6	15.1	1.0	10.6	.3	12	121	-4	3	163	102
47663 OWASE	3404N	13612E	27		1011.6	1014.8	15.6	1.4	13.6	1.7	14	239	-153	2	134	86
47675 OSHIMA	3445N	13222E	79		1005.1	1014.5	14.7	1.8	12.9	1.0	14	270	23	3	140	95
47678 HACHIJOJIMA	3306N	13947E	80		1005.5	1015.0	17.2	1.0	15.2	1.0	14	172	-66	2	96	68
47740 SAIGO	3612N	13320E	31		1011.5	1015.2	11.7	.2	10.3	.2	12	177	62	5	149	76
47741 MATSUE	3527N	13304E	22		1012.7	1015.3	13.3	.8	10.9	.1	14	223	99	6	141	78
47750 MAIZURU	3527N	13519E	22		1013.0	1015.6	13.2	.9	11.0	.8	14	182	68	5	131	79
47755 HAMADA	3454N	13204E	20		1012.6	1015.0	13.9	.9	11.8	1.0	15	219	89	6	143	80
47772 OSAKA	3441N	13531E	83		1005.3	1015.1	15.9	1.3	12.1	1.6	12	149	16	4	131	75
47778 SHIONOMISAKI	3327N	13546E	75		1005.6	1014.5	16.3	1.0	14.3	1.5	14	112	-135	1	142	82
47800 IZUHARA	3412N	12918E	19		1012.8	1015.0	14.7	1.4	11.5	.3	12	260	51	5	118	74
47807 FUKUOKA	3335N	13023E	15		1013.2	1014.9	16.1	1.5	12.0	.3	11	145	19	4	145	88
47815 OITA	3314N	13137E	13		1013.5	1015.0	15.7	1.7	12.7	1.0	9	132	0	4	156	92
47817 NAGASAKI	3244N	12952E	35		1010.6	1014.8	16.4	1.2	13.2	.7	14	242	68	5	141	88
47827 KAGOSHIMA	3133N	13033E	31		1011.1	1014.8	18.1	1.7	14.4	.5	12	184	-45	3	166	111
47830 MIYAZAKI	3155N	13125E	7		1012.8	1014.5	17.8	1.8	14.6	.7	10	234	14	3	167	104
47837 TANEGASHIMA	3044N	13100E	18		1012.6	1014.7	18.8	1.0	16.5	.8	13	106	-101	1	148	101
47843 FUKUE	3242N	12850E	26		1011.7	1014.8	15.7	1.2	13.0	.1	10	279	21	4	144	93
47887 MATSUYAMA	3350N	13247E	34		1011.0	1015.0	15.4	1.3	11.9	1.0	12	155	32	5	143	80
47891 TAKAMATSU	3419N	13403E	10		1013.8	1015.0	15.2	1.7	11.8	.9	13	95	-3	4	150	80
47898 SHIMIZU	3243N	13301E	33		1010.8	1014.7	17.5	1.0	15.3	1.8	14	277	31	4	160	92
47899 MUROTOMISAKI	3315N	13411E	186		992.8	1014.8	15.7	1.0	14.5	1.7	14	160	-82	2	146	85

# SURFACE

## APRIL 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
47909 NAZE	2823N	12930E	7		1014.0	1014.9	20.9	.9	18.0	.4	13	152	-62	1	111	97
47918 ISHIGAKIJIMA	2420N	12410E	7		1012.8	1013.6	24.2	1.2	23.8	.9	5	159	7	4	122	87
47927 MIYAKOJIMA	2447N	12517E	41		1009.1	1013.8	23.4	1.3	23.0	1.0	6	62	-110	2	99	68
47936 NAHA	2612N	12741E	53		1008.4	1014.5	22.6	1.5	21.1	1.2	5	113	-39	2	109	74
47945 MINAMIDAITOJIMA	2550N	13114E	20		1012.7	1015.0	22.1	.7	23.5	2.8	6	52	-51	2	154	90
47971 CHICHIJIMA	2705N	14211E	8		1015.8	1016.7	21.5	.6	21.1	1.2	9	68	-21	3	166	104
47991 MINAMITORISHIMA	2418N	15358E	9		1016.7	1017.6	24.3	.5	23.3	-.1	3	20	-46		259	109
<b>THAILAND</b>																
48327 CHIANG MAI	1847N	09859E	314		971.8	1007.1	28.7	.0	24.9	1.8	4	41	-9	3	252	93
48354 UDON THANI	1723N	10248E	182			1009.6	30.2	.9	28.6	2.2	2	0101	0018	0		
48400 NAKHON SAWAN	1548N	10010E	35		1003.8	1007.8	31.6	-.2	30.3	2.0	1	35	-26	2	303	113
48431 NAKHON RATCHASIMA	1458N	10205E	188		987.2	1008.1	30.4	1.1	28.9	1.9	5	61	-5	3		
48462 ARANYAPRATHET	1342N	10235E	49		1003.3	1008.8	30.7	1.0	29.9	.9	8	93	-4	4		
48568 SONGKHLA	0712N	10036E	5		1008.6	1009.3	29.1	.1	30.5	.2	3	0019	-051	2	292	110
<b>CHINA</b>																
50527 HAILAR	4913N	11945E	611		939.4	1012.5	5.0	3.3	3.6	.0	3	10	-1	3	215	85
50745 QIQIHAR	4723N	12355E	148		993.3	1011.2	9.5	3.4	3.8	-.3	3	14	-1	3	274	111
51076 ALTAY	4744N	08805E	737		935.0	1023.1	5.1	-2.4	4.2	-.4	3	5	-5	2	266	94
51431 YINING	4357N	08120E	663		943.1	1021.5	9.4	-3.1	6.9	-.7	10	54	27	5	220	91
51463 URUMQI	4347N	08737E	919		912.3	1021.8	7.0		4.7		5	38		5	215	85
51709 KASHI	3928N	07559E	1291		870.0	1012.3	15.0	-.5	5.8	-.4	1	2	-3	4	233	111
51777 RUOQIANG	3902N	08810E	889		912.6	1013.7	14.6	-.7	5.4	1.2	0	1	-1	3	208	85
51828 HOTAN	3708N	07956E	1375		860.9	1011.1	15.9	-.5	6.7	1.6	3	6	4	5	198	102
52203 HAMI	4249N	09331E	739		929.6	1015.3	11.7	-1.5	5.0	1.0	3	18	16	6	284	98
52533 JIUQUAN	3946N	09829E	1478		851.4	1016.4	8.7	-.6	4.3	.5	3	5	1	4	204	78
52836 DULAN	3618N	09806E	3192		689.6		6.0	1.9	2.9	.4	3	12	2	4	190	69
52889 LANZHOU	3603N	10353E	1518		846.2		12.4	.7	6.2	.1	4	21	2	4	226	100
53068 ERENHOT	4339N	11200E	966		902.8	1014.3	8.2	2.1	3.7	1.0	4	17	12	5	252	87
53614 YINCHUAN	3829N	10613E	1112		888.9	1014.4	12.2	1.5	5.4	-.1	1	2	-10	2	210	83
53772 TAIYUAN	3747N	11233E	779		925.0	1015.2	11.6	-.1	7.4	1.0	6	19	-4	3	198	89
54292 YANJI	4253N	12928E	178		992.2	1013.8	8.9	2.0	5.6	.5	9	50	21	5	207	95
54342 SHENYANG	4146N	12326E	43		1008.1	1014.1	12.0	2.2	6.2	.0	3	38	-4	3	185	77
54511 BEIJING	3956N	11617E	55		1010.1	1013.9	15.3	1.7	8.5	1.2	4	13	-13	3	210	85
54857 QINGDAO	3604N	12020E	77		1006.4	1015.5	11.6	1.2	9.6	.9	7	64	28	5	177	79
55591 LHASA	2940N	09108E	3650		653.1		9.4	1.3	4.3	.9	1	3	-2	2	246	100
56137 QAMDO	3109N	09710E	3307		681.4		9.4	1.4	4.5	.1	4	8	-9	2	218	112
56294 CHENGDU	3040N	10401E	508		954.3	1013.1	17.9	1.4	14.6	-.1	10	62	16	5	94	83
56571 XICHANG	2754N	10216E	1599		835.4		22.0	3.0	9.1	-.5	4	20	-7	2	276	110
56739 TENGCHONG	2507N	09829E	1649		834.3		16.9	1.3	12.3	.4	13	67	-8	3	248	130
56778 KUNMING	2501N	10241E	1892		808.9		19.7	3.6	10.0	-.2	1	3	-23	1	283	112
56985 MENGZI	2323N	10323E	1302		867.5	1007.0	22.8		14.9		2	13		5	260	115
57036 XI'AN	3418N	10856E	398		967.9	1014.6	15.2	1.1	11.0	-.2	6	55	6	4	152	93
57083 ZHENGZHOU	3443N	11339E	111		1001.8	1015.1	15.7	.6	10.8	.5	4	17	-31	2	150	75
57461 YICHANG	3042N	11118E	134		999.1	1015.1	16.9	.1	14.9	.4	14	168	72	5	68	53
57745 ZHIJIANG	2727N	10941E	273		982.0	1014.2	16.4	.0	15.6	.4	13	155	-9	3	84	88
57993 GANZHOU	2551N	11457E	125		997.3	1013.4	21.0	1.6	19.5	1.3	11	202	2	4	120	117
58362 SHANGHAI	3124N	12128E	4		1015.0	1015.7	15.5		14.0		12	82		4	124	75

## SURFACE

APRIL 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		
58606 NANCHANG	2836N	11555E	50		1007.9	1013.7	17.9	.9	16.8	.7	16	265	41	4	126	109
59287 GUANGZHOU	2308N	11319E	8		1007.4	1012.5	24.0	2.1	23.4	.9	9	60	-121	1	91	118
59316 SHANTOU	2324N	11641E	3		1012.1	1013.0	22.5	2.1	22.4	2.0	9	183	28	4	131	116
59431 NANNING	2249N	10821E	73		995.8	1010.4	23.5	1.4	23.8	1.9	10	155	49	5	111	114
59758 HAIKOU	2002N	11021E	24		1007.8	1009.9	27.4	2.6	28.3	1.9	4	35	-70	1	165	94
<b>AFRICA</b>																
<b>MADEIRA</b>																
08522 FUNCHAL	3238N	01654W	56		1010.0	1016.9	17.3	.8	13.8	.4	8	109	70	5	159	87
<b>SPAIN (CANARY ISLANDS)</b>																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1012.5	1017.0	20.0	.8	14.1	.7	3	11	-4	3	221	97
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1011.2	1016.8	19.3	.6	13.8	-.1	2	4	-2	4	222	99
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1014.4	1016.9	19.3	.7	14.3	.2	1	7	1	4	249	100
<b>WESTERN SAHARA</b>																
60096 VILLA CISNEROS	2342N	01552W	10		1014.4	1015.8	20.3				0	9999		0	330	130
<b>MOROCCO</b>																
60101 TANGER(AERODROME)	3544N	00554W	21		1013.3	1015.2	16.1	.9	14.0		7	69	7	4	243	95
60115 OUJDA	3447N	00156W	470		961.0	1015.0	14.3	.5	11.4		5	24	-25	2	225	
60120 KENITRA	3418N	00636W	14		1013.2	1014.9	16.9	1.2	15.2		6	54	-13	3	260	95
60135 RABAT-SALE	3403N	00646W	75		1005.7	1015.0	15.8	.6	15.0		5	32	-30	2	260	95
60150 MEKNES	3353N	00532W	549		948.7	1014.5	14.8	.4	13.0		7	76	2	4	254	100
60155 CASABLANCA	3334N	00740W	62		1008.0	1014.9	17.0	1.6	15.2		6	41	1	4	278	70
60195 MIDELT	3241N	00444W	1515		848.8	1503 Y	13.0	1.3	8.3		2	5	-26	1	296	75
60220 ESSAOUIRA	3131N	00947W	8		1014.6	1015.6	16.7	.7	14.8		7	27	-7	3	276	95
60230 MARRAKECH	3137N	00802W	466		960.7	1014.4	18.1	.8	11.9		4	65	27	5	279	110
60265 OUARZAZATE	3056N	00654W	1140		886.4	1500 Y	19.4	1.8	6.2		0	0	-7	0	372	85
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1014.5	1015.7	16.7		14.8		8	49		4	228	105
<b>SPAIN (CEUTA AND MELILLA)</b>																
60338 MELILLA	3517N	00257W	55		1008.3	1014.8	16.3	.2	13.5	.5	4	28	-19	3	201	100
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1012.6	1013.8	16.0		14.2		10	130			209	
60360 ANNABA	3650N	00749E	4		1012.1	1013.1	16.1	1.2	14.4		10	91	41	5	232	
60367 EL-KALA	3654N	00827E	10		1012.9	1014.5	17.3		14.8		7	115				
60390 DAR-EL-BEIDA	3643N	00315E	25		1011.0	1014.4	15.5	.8	14.2		6	87	26	4	227	
60395 TIZI-OUZOU	3642N	00403E	195		995.7	1013.6	15.7		13.7		8	129			209	
60402 BEJAIA	3643N	00504E	2		1013.4	1014.2	15.6	.9	14.5		10	221	151	6	216	
60403 GUELMA	3628N	00728E	227		987.2	1014.0	15.6		13.0		10	188			227	
60410 TENES	3630N	00120E	59		1013.4	1015.5	16.5		14.0		8	53			237	
60419 CONSTANTINE	3617N	00637E	694		934.0	1013.3	14.0	1.6	12.0		10	120	67	4	228	
60421 OUM EL BOUAGHI	3553N	00707E	889		911.5	1478 Y	13.7		9.9		7	104			235	
60423 SOUK AHRAS	3617N	00758E	680		935.0	1013.0	13.9		12.3		11	118			227	
60430 MILIANA	3618N	00214E	715		932.1	1014.2	14.7	1.5	10.8		10	77	6	3	235	

# SURFACE

## APRIL 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			
60437 MEDEA	3616N	00245E	981		897.0	1484 Y	12.1		9.8		8	108			208	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928			1492 Y	13.8		10.1		9	84			254	
60452 ARZEW	3549N	00016W	3		1014.0	1014.6	16.6		14.2		4	30			220	
60457 MOSTAGANEM VILLE	3553N	00007E	137		997.8	1014.5	15.4		12.8		5	63			224	
60490 ORAN/ES SENIA	3538N	00036W	90		1003.7	1014.5	15.9	.5	12.3		2	14	-29	2	210	
60514 KSAR CHELLALA	3510N	00219E	800		924.2	1500 Y	15.1		8.8		4	15		0	233	
60515 BOU-SAADA	3520N	00412E	461		961.9	1014.7	18.2		9.4		5	11			259	
60517 GHAZAOUET	3506N	00152W	83			1015.7	16.5		14.0		3	21				
60518 BENI-SAF	3518N	00121W	68		1005.1	1013.4	16.1		14.2		3	22			220	
60522 MAGHNA	3449N	00147W	426		965.3	1015.2	14.6		11.7		7	38			273	
60525 BISKRA	3448N	00544E	87		1001.9	1012.3	21.4	1.5	9.3		5	5	-5	2	282	
60531 TLEMCEN (ZENATA)	3501N	00128W	247		1001.9	1015.3	15.0		10.3		4	19			220	
60550 ELBAYADH	3340N	00100E	1341		865.0	1494 Y	13.3		6.3		5	20			273	
60559 EL OUED	3330N	00607E	63		1003.9	1011.9	21.6	1.5	11.9		2	12	5	5	289	
60566 GHARDAIA	3223N	00349E	450		959.6	1012.7	21.4	1.9	9.4		0	0			290	
60571 BECHAR	3137N	00214W	773		921.1	1495 Y	21.0	1.6	5.8		0	0	-9	1	324	80
60580 OUARGLA	3155N	00524E	141		994.3	1011.2	23.4		9.1		0	0			285	
60581 HASSI-MESSAOUD	3140N	00609E	142		995.0	1011.6	23.4	2.0	8.8		0	T	-3	3		
60590 EL GOLEA	3034N	00252E	397		966.3	1012.3	22.1	1.8	7.7		0	0	-1	3	310	80
60607 TIMIMOUN	2915N	00017E	312		974.3	1023.7			6.1		0	T	-2	3	327	
60611 IN AMENAS	2803N	00938E	562		947.8	1010.5	23.3	.9	10.0		0	T	-1	4	279	
60620 ADRAR	2753N	00017W	263		977.9	1009.9	25.0	1.4	5.7		0	0	-4	4	331	
60630 IN SALAH	2712N	00228E	293		979.6	1009.9	26.3	1.1	7.7		0	0			304	
60640 ILLIZI	2630N	00825E	558		948.9	1009.2	25.5		8.6		0	0				
60670 DJANET	2433N	00928E	1054		903.9	1505 Y	25.9	1.0	5.9		0	T	-1	3	290	95
60680 TAMANRASSET	2247N	00531E	1378		864.0	1506 Y	24.0	1.8	5.1		00	0	-1	3	290	95
<b>TUNISIA</b>																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1012.7	1013.2	17.3	1.7	15.0		6	65	27	5	229	102
60725 JENDOUBA	3629N	00848E	144		997.0	1013.8	16.4	1.8	13.7		9	70	29	5	212	97
60735 KAIROUAN	3540N	01006E	68		1005.7	1013.8	17.9	1.0	12.8		3	54	25	5	237	94
60745 GAFSA	3425N	00849E	314		976.7	1013.0	18.6	1.5	16.2		5	40	28	5	275	103
60765 GABES	3353N	01006E	5		1012.7	1013.3	18.2	.5	14.7		4	29	17	5	275	103
<b>MALI</b>																
61202 TESSALIT	2012N	00059E	491		953.9	1007.2			4.6							
61223 TOMBOUCTOU	1643N	00300W	264		978.8	1007.9	33.1		6.3			5	4	0	292	115
61230 NIORO DU SAHEL	1514N	00921W	237		981.0	1006.9	34.2	2.8	8.9		0	0	-2	0	274	103
61233 NARA	1510N	00717W	265				34.6	3.2	12.8		0	0	-3			
61240 HOMBORI	1520N	00141W	288			1006.4	35.4	2.0	11.3		2			0	293	120
61250 MENAKA	1552N	00213E	278				34.6		6.9							
61257 KAYES	1426N	01126W	47		1003.5	1008.5	35.7	2.4	12.9		0	0	-1	0	284	100
61265 MOPTI	1431N	00406W	272		976.9	1006.5	34.8	2.9	11.0		0	0	-4	0		
61272 SEGOU	1324N	00609W	289		975.6	1006.9	34.1	2.4	18.8		0	0	-11	2	264	104
61277 SAN	1320N	00450W	284		976.5	1007.2	34.9	2.6	16.5		0	0	-16	2		
61285 KENIEBA	1251N	01114W	132		993.5	1008.0	34.7	1.9	16.7		1	52	47	0	267	102
61291 BAMAKO/SENOU	1232N	00757W	381		967.0	1006.7	32.8	1.2	18.4		5	13	-12		248	108
61293 KOUTIALA	1223N	00528W	367		967.1	1006.9	33.3	2.3	21.2		5	46	23	4	251	101
61296 BOUGOUNI	1125N	00730W	351		963.6	1007.7	31.8	1.1	23.1		5	53	8	4	227	97

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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	
61297 SIKASSO	1121N	00541W	375				31.6	1.0	20.2		1	53	8	4	258	119
<b>SENEGAL</b>																
61600 SAINT-LOUIS	1603N	01627W	4		1011.1	1011.6	23.7		19.4	2.6	1	2			272	95
61612 PODOR	1639N	01458W	7		1010.4	1011.2	31.7		12.8	2.2	0	0	-1	5	260	
61627 LINGUERE	1523N	01507W	21		1007.1	1009.4	32.3		13.1	.8	0	0	-1	5	295	107
61630 MATAM	1539N	01315W	17		1007.0	1008.8	34.4		13.4	2.5	0	T	-1	5	270	91
61641 DAKAR/YOFF	1444N	01730W	24		1008.8	1012.0	21.9		20.2	.1	0	0		5	272	94
61679 KAOLACK	1408N	01604W	7		1010.6	1011.4	30.3		17.8		0	0		3	286	96
61687 TAMBACOUNDA	1346N	01341W	50		1003.1	1008.7	34.6		12.8	.4	0	0	-2	0	286	103
61695 ZIGUINCHOR	1233N	01616W	23		1008.2	1010.8	27.5		21.0	1.3	0	0		0	267	95
61699 KEDOUGOU	1234N	01213W	167		989.3	1007.6	34.1		24.3		1	8	6	0	284	106
<b>OCEAN ISLANDS (UK)</b>																
61901 ST. HELENA IS.	1556S	00504W	436		966.3	1016.5	21.2				7	49			175	110
<b>MAURITIUS</b>																
61974 AGALEGA	1026S	05645E	3		1009.6	1010.1	27.8	.1	31.8	1.3	17	288	140	5	208	
<b>OCEAN ISLANDS (FRANCE)</b>																
61976 SERGE-FROLOW (ILE TROMELIN)	1553S	05431E	13		1009.7	1011.2	27.9		31.1		16	157		6	199	
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25			1012.9	25.6		25.4		18	482		6	169	
<b>MAURITIUS</b>																
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1010.7	1011.1	28.5	1.2	31.7	2.5	11	41	-55	2		
61988 RODRIGUES	1941S	06325E	59		1007.2	1013.5	26.3	.6	28.4	2.5	18	336	207	5	205	85
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1007.6	1013.5	25.8	1.0	28.9	2.8	23	408	187	5	147	79
<b>OCEAN ISLANDS (FRANCE)</b>																
61998 PORT-AUX-FRANCAIS (ILES KERG)	4921S	07015E	30		1003.6	1007.1	5.6	.0	6.7		4	11	-56	1	90	79
<b>EGYPT</b>																
62306 MERSA MATRUH	3120N	02713E	29		1010.8	1014.3	17.3	-.3	12.7	-.6						
62337 EL ARISH	3105N	03350E	38		1009.1	1012.7	18.9	.5	12.7	-1.0	1	3				
62378 HELWAN	2952N	03120E	141		996.7	1013.3	21.8	.4	10.7	.6						
62414 ASSWAN	2358N	03247E	194		987.7	1009.9	27.8	.8	7.1	.3						
62435 KHARGA	2527N	03032E	73		1001.2	1010.4	25.9	-.2	11.6	2.3					311	101
<b>ETHIOPIA</b>																
63331 GONDAR	1232N	03725E	1667				24.1	-4.6	7.2		00	0	-28			115
63402 JIMMA	0740N	03650E	1725		835.2		20.9		16.0		12	111		3	217	
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.2	1009.9	18.4		11.3		10	104		3		
63471 DIREDAWA	0936N	04151E	1260		883.6	1007.8	27.4		18.0		8	99		3	242	105
<b>KENYA</b>																
63686 ELDORET	0032N	03517E	2133		790.2	1489 Y	18.7		13.6		18	283			207	90
63723 GARISSA	0028S	03938E	147		992.5	1009.0	31.5	.8	25.8	-.4	3	157			155	
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		838.7	1502 Y	23.0		15.9		9	155			255	

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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	
<b>UNITED REPUBLIC OF TANZANIA</b>																
63756 MWANZA	0228S	03255E	1140		887.2	1511 Y	24.0		21.0		13	134	-47	1		
<b>KENYA</b>																
63799 MALINDI	0314S	04006E	23		1009.3	1012.0	28.6		30.5		15	114				
<b>UNITED REPUBLIC OF TANZANIA</b>																
63832 TABORA AIRPORT	0505S	03250E	1190		881.8	1495 Y	23.7		19.9							
63862 DODOMA	0610S	03546E	1120		890.4	1521 Y	24.3		19.1		2	8	-53	1		
63894 DAR ES SALAAM AIRPORT	0652S	03912E	55		1005.3	1011.6	28.2		28.4		5	14	-255	1		
63962 SONGEA	1041S	03535E	1067		897.2	1533 Y	21.9		20.0		18	67	-48	1		
63971 MTWARA	1016S	04011E	113		998.7	1011.5	27.3		26.6		5	52	-124			
<b>SEYCHELLES</b>																
63980 SEYCHELLES INT. AIRPORT	0440S	05531E	3		1009.4	1009.8	28.4	.4	29.9	-.1	12	186	9	3	221	97
<b>DEMO. REPUBLIC OF THE CONGO</b>																
64210 KINSHASA/N'DJILI	0423S	01526E	312		975.2	1010.0	26.4		27.6		16	0258				
<b>CONGO</b>																
64400 POINTE-NOIRE	0449S	01154E	17		1008.1	1010.1	27.5		31.4		13	265		3	186	110
64401 LOUBOMO	0412S	01242E	330				26.0		28.2		12	189				
64402 MOUYONDZI	0359S	01355E	512		952.6	1008.9	25.1		26.6		12	201				
64405 SIBITI	0341S	01321E	531				24.2		25.8		13	302				
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		974.3	1009.3	26.8		27.7		11	151		2	174	95
64458 OUESO	0137N	01603E	352		969.6	1008.6	26.1		28.0		10	170		3		
64459 IMPFONDO	0137N	01804E	326				26.2		28.0		7	58		0		
<b>CAMEROON</b>																
64870 NGAOUNDERE	0721N	01334E	1104		890.7	1493 Y	22.5	-1.6	20.5	.9	15	211	75	4	185	95
64910 DOUALA OBS.	0400N	00944E	9		1008.5	1009.5	27.3	-.3	30.2	.3	13	182	-47	1	173	98
<b>BENIN</b>																
65306 KANDI	1108N	00256E	292		975.2	1007.2	31.7	-.4	23.4	2.6	5	46	6	4	245	96
65319 NATITINGOU	1019N	00123E	461		958.0	1008.5	28.7	-.8	24.4	1.1	7	93	4	3	235	98
65330 PARAKOU	0921N	00237E	393		965.7	1008.9	28.9	-.1	25.2	.6	8	72	-13	3	223	95
65335 SAVE	0802N	00228E	200		986.6	1008.9	28.1	-.5	29.5	2.6	8	159	48	4		
65338 BOHICON	0710N	00204E	167		991.2	1009.9	27.8	-.9	29.9	1.1	3	289	162	6	214	105
65344 COTONOU	0621N	00223E	9		1008.7	1009.7	28.9	.3	32.0	.6		541	404	2	215	98
<b>TOGO</b>																
65352 MANGO	1022N	00028E	146		991.5	1008.9	30.9	-.5	27.7		2	54	-12	3		
65361 SOKODE	0859N	00109E	387		963.7	1009.5	27.8		26.4		10	132	29	5		
65376 ATAKPAME	0735N	00107E	402		964.1	1009.8	26.9	-.1	25.6		8	87	-46	1		
65387 LOME	0610N	00115E	25		1007.4	1010.2	28.3	.1	31.4		8	116	20	4	197	90
<b>GHANA</b>																
65442 KUMASI	0643N	00136W	293		978.1	1011.1	27.0		27.7		9	130			212	

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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>BURKINA FASO</b>																
65501 DORI	1402N	00002W	277		976.2	1006.4	34.8		12.1		1	1		3	285	
65502 OUAHIGOUYA	1334N	00225W	336		969.8	1006.2	34.6		15.9		1	21		4	275	
65503 OUAGADOUGOU	1221N	00131W	306		973.8	1007.1	33.8		21.0		2	24		3	269	110
65505 DEDOUYOU	1228N	00329W	300		974.3	1007.1	36.7		19.4		3	46		5	277	
65507 FADA N'GOURMA	1202N	00022E	309		974.5	1008.2	32.4		21.8		5	58		5	251	
65510 BOBO-DIOULASSO	1110N	00419W	460		957.6	1007.7	30.9		21.8		6	94		1	237	95
65516 BOROMO	1145N	00256W	271		977.7	1007.4	33.1		20.9		5	25		2	260	
65518 PO	1109N	00109W	322		971.6	1007.0	31.6		22.9		5	43		3	244	
65522 GAOUA	1020N	00311W	335		976.0	1008.1	30.4		24.3		5	45		2	241	
<b>COTE D'IVOIRE</b>																
65557 GAGNOA	0608N	00557W	210		986.7	1010.3	26.8	-.5	28.6	.2	8	163	1	3	183	90
65592 TABOU	0425N	00722W	21		1008.5	1010.8	27.0	.3	30.4	-.3	13	447	313	6	175	87
<b>COMOROS</b>																
67005 DZAOUZI/PAMANZI (MAYOTTE)	1248S	04517E	7		1010.0	1011.1	28.0		29.2		8	134		6	218	
<b>MADAGASCAR</b>																
67009 DIEGO-SUAREZ	1221S	04918E	105		998.7	1010.6	26.2	-.1	28.1	1.4	9	57	5	4	226	88
67073 MAINTIRANO	1803S	04402E	23		1008.3	1010.9	26.9	.4	20.6	-7.1						
67083 ANTANANARIVO/IVATO	1848S	04729E	1276		874.9	1523 Y	19.7	.5	17.7	.1	3	23	-41	2	245	111
67095 TAMATAVE	1807S	04924E	6		1012.0	1012.6	25.9	1.3	28.4	2.4	13	218	-104	1	218	111
67161 TULEAR	2323S	04344E	8		1012.0	1012.9	25.5	.5	25.2	7.7	3	20	3	5		
<b>ZAMBIA</b>																
67475 KASAMA	1013S	03108E	1384		863.7	1518 Y	20.4	.2	18.2		9	141	50	1		
67633 MONGU	1515S	02309E	1053		897.7	1525 Y	23.3	1.0	16.9		5	52	9	4		
67663 KABWE	1427S	02828E	1207		882.3	1526 Y	19.7	-.3	16.0		2	31	4	1		
67743 LIVINGSTONE	1749S	02549E	986		905.5	1537 Y	22.8	.9	15.0		0	0	-24	1		
<b>ZIMBABWE</b>																
67775 HARARE (KUTSAGA)	1755S	03108E	1480				17.2	-1.6	15.1		3	21	-19			
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		869.9	1541 Y	19.3		13.1		0	0	-33	1	299	115
<b>SOUTH AFRICA</b>																
68174 PIETERSBURG	2350S	02925E	1237		884.9	1545 Y	19.9		13.6		01	1	-32	0	277	119
68242 MMABATHO	2547S	02532E	1251		874.9	1549 Y	21.8		10.6		2	20			283	
68262 PRETORIA	2544S	02811E	1306		875.5	1554 Y	20.7		13.1		01	1	-53	1	288	118
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		835.1	1550 Y	17.6		10.5		1	3	-51	0	279	118
68424 UPINGTON	2842S	02127E	850		925.3	1537 Y	23.7		10.7		2	6	-20	2	250	88
68438 KIMBERLEY	2848S	02446E	1196		884.8	1544 Y	19.4		12.4		7	23	-28	2	266	102
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		864.6	1545 Y	16.9		9.4		3	9	-49	0	217	87
68461 BETHLEHEM	2825S	02833E	1690		835.2	1551 Y	16.1		11.3		3	7		1	265	
68512 SPRINGBOK	2967S	01790E	1007		904.1	1529 Y	19.5		10.0		1	3		1	269	
68538 DE AAR	3065S	02400E	1287		874.6	1544 Y	19.3		11.1		4	17		1	270	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1016.0	1017.7	23.0		21.9		5	122	49	5	220	107
68618 CALVINIA	3128S	01946E	975		904.4	1530 Y	18.6		9.5		2	4		2	264	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1011.0	1016.1	18.1		15.9		3	12	-29	2	238	102



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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		994.4	1016.8	17.8		16.3		9	72			167	
68842 PORT ELIZABETH	3398S	02562E	69		1009.3	1016.5	18.8		17.5		3	69			196	89
68858 EAST LONDON	3302S	02750E	125		1003.0	1017.7	20.3		19.3		4	67	-16	3	214	98
68994 MARION ISLAND	4653S	03752E	21		1011.7	1014.4	7.0		8.3		16	123	-96	1	103	114
<b>N AMERICA</b>																
<b>USA (ALASKA)</b>																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1017.0	-13.1	5.9			3	4	-1	3		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1011.2	-5.9	5.6	3.8		6	13	4	5		
70200 NOME	6430N	16526W	7			1009.6	-3.1	4.9	4.4		7	28	11	5		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1009.4	.8	5.5	5.1		8	46	29	5		
70231 MCGRATH	6258N	15537W	103			1010.4	.3	3.4	6.5		3	9	-11	2		
70261 FAIRBANKS/INT.	6449N	14752W	138			1011.3	.8	1.5			1	1	-7	1		
70273 ANCHORAGE/INT.	6110N	15001W	40			1008.6	3.6	1.5			2	4	-13	2		
70308 ST. PAUL	5709N	17013W	9			1006.4	1.9	4.0	5.1		10	34	0	4		
70316 COLD BAY	5512N	16243W	31			1010.0	3.1	2.4	6.0		11	45	-5	3		
70326 KING SALMON	5841N	15639W	15			1007.8	3.3	3.7	6.5		9	24	-4	3		
70361 YAKUTAT	5931N	13940W	9			1008.5	4.1	1.7	6.5		10	55	-197	1		
70398 ANNETTE ISLAND	5502N	13134W	34			1009.1	8.3	2.0	6.5		18	114	-83	1		
<b>USA</b>																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1016.1	24.1	-0.9	24.1		3	132	88	5		
72202 MIAMI, FL.	2549N	08017W	4			1016.2	24.2	.2	20.5		3	73	1	4		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1016.4	23.1	.1	20.0		5	96	23	4		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1016.5	21.6	-0.2	17.1		5	110	65	5		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1016.4	19.1	-0.3	16.4		5	67	-3	3		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1016.5	18.3	-0.6	16.0		9	159	82	6		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1016.4	18.0	-0.3	15.2		8	132	65	5		
72211 TAMPA/INT., FL.	2758N	08232W	3			1016.6	22.1	.3	18.6		4	107	78	5		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1016.3	19.0	-0.1	14.6		5	53	-42	2		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1016.2	17.4	-0.5	14.7		7	109	22	4		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1016.0	16.5	-0.6	14.1		9	162	78	5		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1016.0	16.2	-0.2	13.9		10	88	-20	2		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1016.3	19.8	-0.1	14.9		5	92	-21	2		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1016.0	18.3	.1	17.2		5	202	88	5		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1016.2	20.7	.4	18.3		5	157	43	4		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1015.7	17.6		14.9		7	261		5		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1015.7	18.1	.0	13.7		4	302	161	5		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1016.3	19.9	-0.3	18.8		3	27	-57	1		
72242 GALVESTON, TX.	2918N	09448W	16			1015.3	21.2	.5	21.9		2	27	-34	6		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1014.8	21.3	1.1	18.3		2	62	-19	3		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1014.6	19.1	.4	15.2		3	54	-41	2		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1013.2	23.8	-0.3	22.3		3	10	-29	6		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1013.8	22.7	.2	22.0		3	3	-40	1		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1012.9	21.9	1.2	16.9		3	4	-59	1		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1013.6	20.0	-0.9	16.4		2	3	-62	1		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1014.3	21.6	.2	20.3		2	7	-54	1		

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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	
72256 WACO, MADISON-COOPER, TX.	3137N	09713W	155			1013.6	19.8	.3	16.1		2	24	-57	6		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1013.1	19.4	.8	13.6		5	48	-40	2		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1011.8	19.9	.5	12.0		1	2	-40	0		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1010.2	19.5	1.4	8.6		0	9999	-021	1		
<b>72266 ABILENE/MUN., TX.</b>	3225N	09941W	546			1011.7	19.2	.6	12.0		3	15	-33	1		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1010.0	17.0	.8	8.1		5	28	4	4		
<b>72270 EL PASO/INT., TX.</b>	3148N	10624W	1194			1009.2	18.5	1.1	5.5		0	9999	-005	2		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1011.3	18.6	-2	5.2		1	1	-6	2		
<b>72278 PHOENIX/SKY HARBOR INTL, AZ.</b>	3326N	11201W	337			1011.1	21.2	.1	5.5		2	4	-1	4		
<b>72290 SAN DIEGO/LINDBERGH, CA.</b>	3244N	11710W	9			1017.0	15.5	-1.2	12.1		3	36	16	5		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1015.9	14.6	-1.0	12.2		1	12	-6	3		
<b>72304 CAPE HATTERAS, NC.</b>	3516N	07533W	3				15.2	.3			10	166	77	5		
<b>72306 RALEIGH/RALEIGH-DURHAM, NC.</b>	3552N	07847W	134			1016.6	14.4	-.6	12.8		8	111	46	5		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1016.2	14.3	.4	12.1		11	162	85	5		
72310 COLUMBIA, SC.	3357N	08107W	69			1016.2	16.4	-.8	13.7		9	169	86	5		
<b>72312 GREENVILLE/SPATANBURG, SC</b>	3454N	08213W	296			1015.8	15.0	-.4	12.5		11	181	83	5		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1016.2	14.5	-.7	12.4		13	210	142	6		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1016.1	12.6	-.3	10.8		12	134	49	5		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1016.2	14.5	.3	11.4		11	162	90	6		
<b>72324 CHATTANOOGA/LOVELL FIELD, TN</b>	3502N	08512W	210			1015.7	16.2	1.1	13.3		11	147	38	4		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1015.0	15.5	1.3	13.8		11	151	57	5		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1015.2	16.0	.9	12.2		10	119	8	3		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				17.2				5	77		1		
<b>72344 FORT SMITH/MUN., AR.</b>	3520N	09422W	141			1013.7	17.2	.9	12.4		4	69	-31	2		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1011.8	18.2	.9	12.0		6	47	-29	2		
72365 ALBUQUERQUE/INT., NM.	3503N	10637W	1620			1009.6	13.8	.9	3.8		0	0	-13	1		
<b>72386 LAS VEGAS/MCCARRAN, NV.</b>	3605N	11510W	664			1009.9	17.1	-.7	6.5		3	10	5	5		
<b>72389 FRESNO/AIR TERM., CA.</b>	3646N	11943W	100			1015.9	14.7	-1.5	9.7		9	72	48	5		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1016.7	13.6	-.5	12.1		8	110	35	5		
<b>72405 WASHINGTON/NAT., VA.</b>	3851N	07702W	20			1017.0	12.7	-.9	9.6		9	65	-3	3		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1016.7	11.3	-.6	8.8		8	61	-17	2		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1017.1	9.4	-.6	9.9		5	71	-19	2		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1017.3	11.3	.0	9.3		8	56	-35	2		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1016.2	13.6	.5	10.7		10	128	46	5		
72412 BECKLEY (RALEIGH CTY. MUN), WV.	3747N	08107W	766			1015.7	11.8	1.1	10.0		13	137	50	5		
72414 CHARLESTON/KANAWHA., WV.	3822N	08136W	299			1015.1	13.9	1.2	10.5		12	86	2	6		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1014.9	12.8	1.0	11.0		9	49	-46	1		
<b>72422 LEXINGTON/BLUE GRASS, KY.</b>	3802N	08436W	301			1015.3	13.6		12.4		12	104		3		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1015.0	15.0	1.5	11.5		8	152	45	5		
72425 HUNTINGTON, WV	3822N	08233W	255			1015.0	14.5	1.6	10.2		12	110	23	4		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1015.5	12.4	1.8	9.2		7	65	-16	6		
72429 DAYTON/. COX, OH	3952N	08407E	306			1015.8	11.7	1.0	9.5		4	38	-49	1		
<b>72432 EVANSVILLE/REG., IN.</b>	3803N	08732W	118			1014.9	14.0	.6	12.0		9	100	-2	3		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1014.3	14.3	.6	12.0		10	109	21	4		
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246			1014.9	12.2	.9	10.3		7	65	-29	2		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1014.3	12.2	.4	11.2		8	72	-21	3		
<b>72445 COLUMBIA/REGIONAL, MO.</b>	3849N	09213W	274			1013.5	13.5	.9	11.0		9	111	14	4		
<b>72476 GRAND JUNCTION/WALKER F., CO.</b>	3907N	10832W	1475			1008.9	11.6	.4	4.4		3	6	-13	1		
<b>72483 SACRAMENTO/EXECUTIVECA.</b>	3831N	12130W	8			1015.7	12.5	-2.1	9.6		7	64	35	5		

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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	
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1010.3	4.9	- .4			9	44	19	5		
72488 RENO/INTL., NV.	3930N	11947W	1341			1011.9	7.4	-1.8			6	21	12	5		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1016.7	12.3	-.8	10.2		13	112	78	5		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1017.4	9.6	-1.2	7.4		9	84	-12	3		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1018.0	7.4	-1.2	7.1		10	111	7	4		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1017.7	8.0	-1.3	6.7		9	66	-31	1		
72509 BOSTON/LOGAN INTL., MA	4222N	07102W	9			1018.1	6.8	-2.1	7.0		9	101	10	3		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1016.7	8.5	-.4	7.1		14	67	-8	3		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1017.7	5.7	-1.2	6.4		11	63	-16	2		
72517 ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117			1017.4	9.2	-.6	8.1		11	57	-32	6		
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124			1017.6	6.5	-1.1	6.2		11	66	-18	2		
72520 PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373			1016.4	11.7	1.9	8.3		10	62	-18	2		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1015.8	10.3	1.1	9.4		8	58	-22	6		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1016.1	9.5	1.0	7.7		6	46	-31	1		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1017.1	6.0	-1.3	6.6		7	23	-49	0		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1017.4	6.2	-1.5	6.7		5	32	-34	1		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1015.1	8.9	-.3	7.4		6	110	18	4		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1014.4	11.7	.9	9.6		9	67	-28	2		
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252			1015.9	9.7	.1	8.7		5	60	-25	2		
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236			1015.5	9.8	.5	8.3		6	84	-13	2		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1016.1	9.1	.4	7.3		5	65	-10	3		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1016.5	8.8	.3	8.3		4	53	-21	6		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1014.0	11.2	1.0	8.7		10	100	1	3		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1013.4	11.4	.9	9.6		11	155	70	5		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1012.3	10.8	1.0	8.6		7	55	-3	3		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1013.3	10.2	.1	8.1		7	80	21	4		
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1011.8	9.8	.8	8.3		10	98	48	5		
72564 CHEYENNE, WY.	4109N	10449W	1872			1009.3	7.8		5.0		8	56		5		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1009.3	7.6	1.6	5.7		6	39	0	3		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1009.5	10.4	.6	6.0		11	42	-11	3		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1008.0	8.6	2.3	4.7		4	22	-30	1		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1011.4	6.8	-.4	6.5		9	35	5	4		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1011.7	6.8	-1.1	6.5		7	26	5	4		
72594 EUREKA, CA.	4048N	12410W	18				9.2	- .9			22	286	213	5		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1013.4	9.5		8.4		16	90		6		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1017.8	5.1		5.4		9	104		5		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1018.7	4.7	-1.6	5.4		9	64	-39	2		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1018.1	5.2	-1.4	5.5		8	53	-17	2		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1016.1	7.3	-.5	7.7		9	75	-10	3		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1016.0	7.1	-.1	7.2		6	52	-21	6		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1016.7	7.4	-.4	7.3		8	75	1	3		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1016.3	6.1	-.8	7.1		5	66	-22	2		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1015.7	7.0	-.4	6.5		6	75	3	3		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1015.0	7.3	.1	7.6		6	65	-4	3		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1016.9	5.0	-1.7	7.1		7	60	-1	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1012.8	8.7	.4	7.8		8	94	30	5		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1013.1	8.8	.9	7.3		4	40	-13	3		
72658 MINNEAPOLIS/ST. PAUL INTL, MN.	4453N	09313W	255			1015.0	8.9	.9	6.9		5	61	0	4		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1012.0	8.9	1.6	7.2		7	52	4	4		

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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	
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1009.7	8.4	1.8	6.6		9	58	15	4		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1009.8	9.7	2.1	6.2		5	36	-8	2		
72681 BOISE/MUN., ID.	4334N	11613W	874			1011.2	9.6	.1	6.5		11	35	4	4		
72688 PENDLETON, OR.	4541N	11851W	456			1010.8	9.9	-.3	6.5		11	36	10	5		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1013.3	10.5	-.1	9.1		22	111	51	5		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1018.1	.1	-3.2	4.6		10	36	-26	1		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1017.8	2.9	-.5	4.8		7	49	-10	2		
72745 DULUTH/INT., MN.	4650N	09211W	432			1017.2	3.2	-.5	5.1		6	52	-5	1		
72747 INT.FALLS/FALLS INT.MN.	4834N	09323W	361			1017.5	3.9	.0	5.0		5	17	-23	1		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1015.3	7.2	1.1	5.8		5	34	-12	2		
72764 BISMARCK/MUN., ND.	4646N	10045W	506			1013.6	8.2	2.1	6.2		3	22	-20	2		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1013.5	7.7	1.5	6.8		9	42	10	4		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1011.8	8.8	2.0	7.1		8	32	15	4		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1012.4	7.7	1.4	6.3		10	58	34	5		
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972			1012.2	7.4	.6	6.5		7	43	19	5		
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325			1011.2	9.6	-.1	6.5		8	33	21	5		
72785 SPOKANE/INT., WA.	4738N	11732W	721			1011.3	7.3	-.4	7.0		9	36	6	4		
72792 OLYMPIA, WA.	4658N	12254W	61			1012.8	8.6	.0	6.5		16	120	37	6		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1012.1	7.7		8.6		24	255		5		
<b>CANADA</b>																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74			1007.2	1016.7	-3.9	2.6	3.5	2	7	-7	3	276	
71066 HIGH LEVEL, ALTA	5837N	11710W	338			972.8	1014.6	2.7	.8	4.4	2	22	5	4		
71069 SLAVE LAKE, ALTA	5518N	11447W	581			944.0	1014.5	2.6	-.5	4.8	6	16	-3	2		
71078 LYNN LAKE, MAN.	5652N	10105W	357			976.3	1021.1	-3.1	-.8	3.6	3	10	-13	2	245	105
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204			993.2	1021.4	-2.5	-.1	3.5	3	9	-19	1		
71081 HALL BEACH, N.W.T.	6847N	08115W	8			1019.5	1020.6	-20.9	.0	1.1	2	2	-9	0		
71090 CLYDE, N.W.T.	7029N	06831W	26			1014.6	1018.2	-19.4	-.4	1.2	5	10	-3	3		
71095 POND INLET, N.W.T.	7242N	07758W	55			1012.2	1019.4	-23.6		.8	2	8		3		
71101 SANDSPIT, B.C.	5315N	13149W	6			1007.6	1008.4	6.7	.5	8.1	9	46	-49	1		
71109 PORT HARDY, B.C.	5041N	12722W	22			1008.0	1010.6	7.3	.5	8.1	19	192	72	5		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40			1012.6	1017.6	-1.2	-2.2	3.6	11	106	-7	3		
71600 SABLE ISLAND, N.S.	4356N	06001W	4			1017.9	1018.5	2.4	-1.0	5.8	8	53	-47	1		
71603 YARMOUTH, N.S.	4350N	06605W	43			1012.8	1018.1	3.4	-1.3	5.9	6	79	-21	2	186	100
71727 BAGOTVILLE, QUE.	4820N	07100W	159			998.3	1018.3	-1.0	-3.3	4.5	14	82	31	4		
71803 GANDER INT. AIRPORT, NFLD.	4857N	05434W	151			997.0	1015.8	.1	-1.0	4.4	10	76	-21	2	229	
71813 NATASHQUAN, QUE.	5011N	06149W	11			1014.4	1015.8	-3.7	-3.1	4.1	10	98	21	4		
71816 GOOSE, NFLD.	5319N	06025W	49			1007.5	1013.7	-3.0	-1.2	3.7	8	58	1	3	185	120
71827 LA GRANDE RIVIERE, QUE.	5338N	07742W	195			994.7	1019.7	-8.6	2.8		6	21		2		
71828 SCHEFFERVILLE, QUE.	5448N	06648W	518			950.3	1015.5	-9.1	-1.9	3.0	12	48	-4	3		
71842 SIOUX LOOKOUT, ONT.	5007N	09154W	390			971.1	1019.2	2.0	.1	3.9	7	38	-6	3		
71867 THE PAS, MAN.	5358N	10106W	271			985.1	1018.8	1.0	.5	4.2	3	17	-9	2	270	110
71869 PRINCE ALBERT, SASK.	5313N	10541W	428			963.9	1016.4	3.8	1.2	5.5	7	24	2	3		
71887 KAMLOOPS, B.C.	5042N	12027W	346			968.9	1010.3	10.2	.8	7.2	10	43	29	5		
71905 KUUVJUARAPIK, QUE.	5517N	07746W	10			1018.0	1019.4	-10.4	-3.3	2.7	9	27	2	4		
71906 KUUVJUAQ, QUE.	5806N	06825W	37			1010.6	1015.7	-9.8	-.4	2.7	7	22	-3	3		
71907 INUKJUAQ, QUE.	5827N	07807W	6			1015.0	1018.3	-12.5	-1.3	2.5	11	24	5	4		
71909 IQALUIT, N.W.T.	6345N	06833W	34			1011.2	1015.6	-13.4	1.3	2.3	10	32	4	4		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50			1011.1	1017.7	-13.4		2.1	5	16		1		

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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	
71924 RESOLUTE, N.W.T.	7443N	09459W	67		1012.8	1022.0	-21.8	1.7	1.0		3	7	1	4		
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1021.6	1024.2	-17.8	.0	1.5		4	6	-9	2	239	
71935 HAY RIVER, N.W.T.	6050N	11547W	166		995.5	1016.5	-1.3	2.2	3.9		3	23	8	5		
71945 FORT NELSON, B.C.	5850N	12235W	382		967.0	1013.9	2.6	.4	4.7		4	17	-3	3		
71950 SMITHERS, B.C.	5449N	12711W	523		948.1	1010.4	5.3	.9	5.0		5	26	8	5		
71957 INUVIK, N.W.T.	6818N	13329W	68		1009.1	1017.7	-8.8	5.3	2.9		3	9	-3	3		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		926.5	1011.7	.9	.6	3.5		0	0	-8	0	318	135
<b>MEXICO</b>																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		856.8	1009.2	20.0		6.0		0	0		0	249	
76256 EMPALME, SON	2755N	11054W	11		1011.9	1013.3	23.6		11.1		1	1		1	288	
76311 CHOIX, SIN.	2643N	10817W	238		984.2	1011.1	24.9		18.6		1	7		1	243	150
76342 MONCLOVA, COAH.	2653N	10125W	615		942.3	1010.4	25.6		14.3		1	2		1	201	165
76382 TORREON, COAH.	2532N	10327W	1124		886.4	1006.3	25.4		13.0		01	1		3	148	125
76393 MONTERREY, N.L.	2552N	10012W	512		953.1	1010.3	24.4		17.9		1	2		1	136	145
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1009.8	1015.4	19.7		13.9		1	7		1	254	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1011.4	1013.5	23.8		16.3		0	0		0	256	
76423 DURANGO, DGO	2402N	10440W	1872		814.7	1008.7	19.5		10.3		0	0		2	235	
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1011.9	1012.3	22.5	.0	19.6	-1.3	0	0	-3	0	226	89
76548 TAMPICO, TAMPS	2213N	09751W	9		1009.9	1012.9	25.0	.1	24.8	-.1	01	1	-19	2	191	109
76577 GUANAJUATO, GTO.	2101N	10115W	1999		804.3	1008.3	21.9	1.5	15.6	4.5	0	0	-13	1	263	101
76634 TULANCINGO, HGO.	2005N	09822W	2181		786.6	1013.8	20.5		12.0		7	29		3	258	
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1010.8	1012.0	27.2		25.7		2	17	-6	3	289	114
76647 VALLADOLID, YUC.	2042N	08813W	22		1010.4	1013.4	26.9		23.0		1	52		2	270	
76654 MANZANILLO, COL.	1903N	10420W	3		1009.9	1010.3	25.9		26.9		0	0		0	237	170
76665 MORELIA, MICH.	1942N	10111W	1913		811.6	1008.9	21.7	1.8	12.8	1.9	2	19	8	0	279	135
76675 TOLUCA, MEX	1918N	09940W	2720		738.5	1009.9	15.2		10.2		4	42			271	
76685 PUEBLA, PUE.	1903N	09810W	2179		785.4	1005.0	20.3		11.7		6	18		1	268	
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1010.6	1012.2	25.8	.2	26.0	-.5	2	40	18	1	224	109
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1013.1	1014.3	28.1		24.0		1	4		1	274	
76743 VILLAHERMOSA, TAB	1759N	09255W	10		1011.4	1012.2	28.3		27.8		1	6		0	221	
76848 COMITAN, CHIS.	1615N	09208W	1530		838.1	1007.0	20.2		14.8		5	23		2	265	100
<b>BAHAMAS</b>																
78073 NASSAU AIRPORT	2503N	07728W	7		1015.8	1016.6	24.6	1.2	21.8	.7	6	37	-16	2	294	107
<b>JAMAICA</b>																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1013.2	1013.3	27.2		28.1		8	97			260	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1011.0	1012.6	28.1		24.5		4	54		5	303	
<b>PUERTO RICO AND US POSS</b>																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1014.9	26.4	.1	27.5		16	238	143	5		
<b>BELIZE</b>																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1012.6	1013.1	26.9	.0	28.1		3	13	-38	2	267	99
<b>NICARAGUA</b>																
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1004.1	1010.3	29.6		25.0		4	104		5	287	80

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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>COSTA RICA</b>																
78762 JUAN SANTAMARIA	1000N	08413W	939		909.0	1009.5	24.1	1.1	20.4		7	163	84	5		
78767 PUERTO LIMON	1000N	08303W	3		1012.4	1013.1	26.6	.8	27.4		13	99	-187	1	195	112
<b>ST. MAARTEN, ST. EUST., SABA</b>																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1016.0	1016.5	26.4	.3	23.7	-1.4	15	274	207	6	241	92
<b>ST. MARTIN, ST. BARTH., GUAD.</b>																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1014.0		26.9	1.0	25.4		5	17	-106	0	238	110
<b>MARTINIQUE</b>																
78925 LE LAMENTIN	1436N	06100W	7		1014.1	1015.0	27.0	1.1	25.1	-1.0	9	59	-36	1	224	90
<b>BARBADOS</b>																
78954 GRANTLEY ADAMS	1304N	05929W	56		1008.8	1015.3	27.2		28.5		2	153		1	281	75
<b>TRINIDAD AND TOBAGO</b>																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1011.1	1013.6	28.1	1.6	26.7	-.9	2	6	-45	0	296	125
<b>CURACAO AND BONAIRE</b>																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1011.4	1012.3	27.7	.4	28.3	.8	1	3	-16	1	227	95
<b>COLOMBIA</b>																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1012.9	1013.0	27.8	.5	30.8	2.2	4	26	-8	3	279	103
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				27.9		29.4		3	13		4	275	105
<b>S AMERICA</b>																
<b>COLOMBIA</b>																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.2	1009.7	29.8	1.2	29.9	1.8	1	4	-6	4	205	90
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.3	1009.5	28.1	.6	31.5	2.5	5	43	12	4	180	83
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1008.3	1010.0	28.2	.7	30.7	2.1	5	50	25	4	193	96
80084 APARTADO/LOS CEDROS	0748N	07642W	20				27.0		29.7		17	532		2	118	95
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.2	.2	29.6	.7	20	308	47	1	162	113
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.6		21.9		21.9		16	107	-46	2	167	125
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		975.0	1009.6	27.7	.7	26.1	.1	4	121	15	5	160	112
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		989.1	1003.6	28.8	1.2	26.9	.1	8	220	99	3	120	79
80112 RIONEGRO/J. M. CORDOVA	0608N	07526W	2142		791.0		16.9		15.8		19	186		2	141	125
80139 PUERTO CARRENO/A. GUAUQUEA	0610N	06730W	55				29.8	.6	26.6	1.3	12	187	73	3	149	88
80144 QUIBDO/EL CARANO	0543N	07637W	53				27.1	.5	30.2	.0	26	505	-100	2	85	92
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.3		21.9	.3	20.0	.4	18	242	7	1	141	107
80214 IBAGUE/PERALES	0426N	07509W	928				23.9	.3	22.9	.0	15	234	40	3	146	110
80222 BOGOTA/ELDORADO	0442N	07408W	2546		752.7		14.1	.3	13.0	.1	12	128	17	3	94	85
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		960.2	1009.4	25.7	.3	25.6	.3	20	622	105	4	101	96
80241 LAS GAVIOTAS	0433N	07055W	167		989.4	1008.6	26.2	-.3	28.3	1.0	15	248	-6	3	119	84
80259 CALI/ALFONSO BONILLARAGON	0333N	07623W	969		905.7		23.6		22.3		10	159	36	3	159	110
80315 NEIVA/BENITO SALAS	0258N	07518W	443		958.0	1006.5	27.2	-.2	26.1	1.4	10	166	18	3	135	92
80370 IPIALES/SAN LUIS	0049N	07738W	2961				11.8	.6	11.3	-.1	11	56	-52	2	109	105

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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	
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		1001.7	1011.2	25.9	.0	30.0	.8	22	307	-51	1	137	100
<b>VENEZUELA</b>																
80403 CORO	1125N	06941W	17				28.5	.9	28.5		3	14	-4	4	215	92
80407 MARACAIBO-LA CHINITA	1034N	07144W	65		1002.1	1009.6	28.5	.6	29.0		6	46	-6	4	120	
80410 BARQUISIMETO	1004N	06919W	614				24.8	.5	23.2		8	116	51	5	148	81
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		945.5	1011.0	28.2	1.9	28.7		6	69	24	4	186	83
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1004.5	1009.9	27.8	2.1	29.5		5	26	-3	4	173	95
80416 CARACAS/LA CARLOTA	1030N	06653W	835				25.3	2.6	23.2		4	25	-34		172	94
80419 BARCELONA	1007N	06441W	7				28.4	.9	26.2		1	1	-7	3	233	89
80420 CUMANA	1027N	06411W	4				27.6		25.0		0	0			211	90
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19				28.1		32.9		0	0			262	100
<b>80423 GUIRIA</b>	1035N	06219W	14				27.9	.5	27.0		0	0	-18	0	263	112
<b>80425 MENE GRANDE</b>	0949N	07056W	28				28.9	1.3	30.7		9	61	-59	1	156	96
80426 VALERA	0921N	07037W	582				25.3		24.7		12	152			126	90
80427 ACARIGUA	0933N	06914W	225				27.6	.6	24.7		9	200	94		135	85
80428 GUANARE	0901N	06944W	163				27.6	.4	25.2		10	228	97		135	96
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429				27.4		25.5		7	141			179	75
80432 CARRIZAL	0925N	06655W	161				27.0		26.3		3	81			197	85
80434 VALLE DE LA PASCUA	0913N	06601W	125				29.0		22.3		2	54			204	
80435 MATURIN	0945N	06311W	66				28.2	1.6	22.4		1	2	-35	1	220	96
80437 EL VIGIA	0838N	07139W	103				26.6		26.0		11	206			115	
<b>80438 MERIDA</b>	0836N	07111W	1498		850.0	1497 Y	20.4	1.1	18.6		17	179	2	3	179	101
80440 BARINAS	0837N	07013W	204				28.3		26.3		11	220			130	
80442 CALABOZO	0856N	06725W	101				29.4		28.1		6	106			186	
80444 CIUDAD BOLIVAR	0809N	06333W	48				29.8	1.1	29.7		1	8	-19	3	251	107
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378				27.6	2.1	21.4		8	110	2	4		
<b>80450 SAN FERNANDO DE APURE</b>	0754N	06725W	48				29.0	.3	25.9		3	51	-21	3	183	85
<b>80453 TUMEREMO</b>	0718N	06127W	181				27.9	2.2	28.9		7	61	-17	3	219	120
<b>80462 SANTA ELENA DE UAIREN</b>	0436N	06107W	907				23.1	1.3	20.3		8	94	-71	2	206	109
80472 VALENCIA	1010N	06756W	431				26.1		22.7		10	192			183	
80475 STO.DOMINGO (B.A.)	0735N	07204W	327				24.9		23.2		15	215			78	80
<b>GUYANA</b>																
81001 GEORGETOWN	0648N	05809W	2		1012.9	1013.3	28.0	1.0	28.1	-.5	4	27	-113	1	218	111
81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1009.5	1012.9	27.6	2.1	27.7	.1	10	0109	-063	1		
<b>FRENCH GUIANA</b>																
<b>81405 CAYENNE/ROCHAMBEAU</b>	0450N	05222W	9		1011.5	1012.4	26.8		28.9		22	335	-64	3	127	84
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1011.3	1013.4	25.8		29.9		21	355	-75	2	98	83
81415 MARIPASOULA	0338N	05402W	106		1000.4	1012.4	25.9		26.6		20	263	-37	3		
<b>BRAZIL</b>																
<b>82024 BOA VISTA</b>	0249N	06039W	90				28.6				7	124		3		
82098 MACAPA	0002N	05103W	15		1010.6	1012.3	26.6	.7	30.4		20	274	-110	2	158	139
<b>82106 SAO GABRIEL DA CACHOEIRA</b>	0008S	06705W	90				26.9		30.9		15	269		3	127	
82191 BELEM	0127S	04828W	10		1010.1	1010.7	26.7	.0	30.9		23	360	0	2	83	69
82212 FONTE BOA	0232S	06610W	56		1003.6	1011.9	27.0		29.3		16	207		2	134	
82246 BELTERRA	0238S	05457W	176		993.2	1013.0	25.7	1.0	30.4		20	288	5	4	173	136

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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		
82280	SAO LUIZ	0232S	04418W	51	1005.7	1011.6	26.4	.6	32.0		25	419	-53	3	127	112
82287	PARNAIBA	0305S	04147W	22	1005.7	1008.4	26.2	-.1	31.2		15	210	-126	3	189	95
82397	FORTALEZA	0346S	03836W	26	1009.4	1012.5	26.4	-.1	30.2		21	499	151	5	140	92
<b>82410</b>	<b>BENJAMIN CONSTANT</b>	0423S	07002W	65			26.5		30.3		22	309		4	136	
<b>82425</b>	<b>COARI</b>	0405S	06308W	46	1006.5	1012.1	27.2		30.1		16	189		1	160	
82445	ITAITUBA	0416S	05559W	45	1008.3	1013.5	27.2	.8	33.0		22	300	69	5	171	124
82533	MANICORE	0549S	06118W	50	1005.7	1011.3	26.2		35.9		21	284		2	89	
82562	MARABA	0521S	04909W	95	999.8	1010.6	27.6	1.4	30.0		15	256	-42	3	202	125
<b>82571</b>	<b>BARRA DO CORDA</b>	0530S	04516W	153	993.8	1013.5	26.5	1.4	29.6		9	111	-87	2	215	139
82578	TERESINA	0505S	04249W	74	1003.1	1013.3	26.5	.2	30.3		14	183	-84	2	222	127
<b>82586</b>	<b>QUIXERAMOBIM</b>	0512S	03918W	212	986.1	1009.8	26.6	.3	26.9		10	173	-22	3	229	129
82598	NATAL	0546S	03512W	45	1012.3	1013.2	27.7		30.7		17	133		2	206	115
82678	FLORIANO	0646S	04301W	123	997.7	1013.4	27.2	.9	28.1		7	17	-129	1	234	121
<b>82704</b>	<b>CRUZEIRO DO SUL</b>	0738S	07240W	170	987.3	1006.6	25.8		28.9		11	168		2	128	
82723	LABREA	0715S	06450W	60	1003.6	1011.8	26.4		30.3		20	290		3	134	
82765	CAROLINA	0720S	04728W	192	990.5	1014.4	27.1	1.2	30.2		12	152	-36	3	197	121
82784	BARBALHA	0719S	03918W	409	966.4	1013.0	25.4	.9	25.0		10	104	-105	2	265	129
82791	PATOS	0701S	03716W	249	983.5	1011.2	27.1		24.3		10	76		2	269	105
82825	PORTO VELHO	0846S	06305W	95	1000.9	1007.4	26.8	1.3	26.6		11	118	-87	4		
<b>82861</b>	<b>CONCEICAO DO ARAGUAIA</b>	0815S	04912W	160	991.6	1008.8	27.1	1.3	29.6		13	196	3	4	190	121
82900	RECIFE (CURADO)	0803S	03455W	7	1012.1	1013.0	26.3	.4	29.6		12	160	-166	1	233	126
82915	RIO BRANCO	0958S	06748W	136	993.2	1011.4	25.6	.3	29.2		13	173	0	3	126	102
82983	PETROLINA	0923S	04029W	370	970.2	1011.3	28.1	2.3	22.0		3	44	-37	3	277	128
83096	ARACAJU	1055S	03703W	6	1012.4	1013.1	27.8	1.0	27.3		6	47	-195	1	280	133
83186	JACOBINA	1111S	04028W	484	958.9	1011.8	26.1	1.5	21.5		2	6	-85	0	243	139
<b>83229</b>	<b>SALVADOR</b>	1301S	03831W	51	1008.2	1014.1	26.9	1.7	29.2		13	187	-134	2	218	115
83235	TAGUATINGA	1216S	04626W	660	944.9	1011.2	25.8	1.2	24.6		10	163	22	4	222	113
<b>83236</b>	<b>BARREIRAS</b>	1209S	04500W	440	962.2	1010.6	25.4	1.1	24.6		5	98	3	4	267	126
83242	LENCOIS	1234S	04123W	438	963.7	1012.5	25.9	1.8	21.4		5	15	-135	0	203	128
<b>83264</b>	<b>VERA (GLEBA CELESTE)</b>	1212S	05630W	415			26.0	1.5	27.0		11	128	-11	3	199	122
83288	BOM JESUS DA LAPA	1316S	04325W	440	962.1	1010.8	26.5	1.2	27.2		4	58	-5	4	181	79
83332	POSSE	1406S	04622W	950	922.9	1012.4	23.9	.4	22.9		14	137	19	3	213	102
83344	VITORIA DA CONQUISTA	1457S	04053W	893	918.1	1014.0	21.6	.9	21.1		8	64	6	5	188	134
<b>83361</b>	<b>CUIABA</b>	1533S	05607W	179	994.9	1015.2	25.9	-.2	26.8		11	118	-5	4		
83377	BRASILIA	1547S	04756W	1158	887.8	1012.6	21.9	.5	19.1		6	75	-48	1	218	108
83423	GOIANIA	1641S	04917W	729	931.2	1012.7	25.3	1.7	22.3		8	108	-12	3		
83437	MONTES CLAROS	1643S	04352W	646	941.6	1012.6	24.6	1.9	20.2		1	4	-37	1	256	113
83492	TEOFILO OTONI	1751S	04130W	356	974.4	1012.9	24.5	1.1	23.5		7	82	17	4	182	105
<b>83498</b>	<b>CARAVELAS</b>	1744S	03915W	3	1014.8	1015.3	26.4	.9	27.4		11	160	16	4	205	104
83552	CORUMBA	1900S	05739W	130			25.2	-.8			9	82	4	3		
83579	ARAXA	1934S	04656W	1004	903.3	1014.2	21.7	1.0	19.3		8	59	-40	2	220	102
83587	BELO HORIZONTE	1950S	04356W	850	914.4	1013.9	22.9	1.8	18.6		6	26	-35	1	218	96
83592	CARATINGA	1948S	04209W	609	947.2	1015.1			22.4						202	103
83618	TRES LAGOAS	2047S	05138W	313	977.7	1014.7	24.9	1.0	23.3		3	122	39	4	201	95
83648	VITORIA	2019S	04020W	36	1011.8	1016.0	26.3	1.1	26.8		8	161	72	5	207	
83676	CATANDUVA	2108S	04858W	536			23.8	1.6	23.2		10	80	13	3	204	95
83698	CAMPOS	2145S	04120W	11	1014.3	1015.7	25.9		26.0		5	78		3		
83702	PONTA PORA	2232S	05544W	650	939.8	1016.1	21.4	.3	18.7		7	141	17	3	202	95
83766	LONDRINA	2323S	05111W	566	951.6	1015.9	22.9	1.7	20.7		4	110	-4	3	225	109



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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	%		
<b>83781 SAO PAULO</b>	2330S	04637W	792		926.9	1015.4	21.4	1.7	18.8		4	46	-29	2	173	124
83836 IRATI	2528S	05038W	837		917.2	1014.0	17.8		16.8		5	93		3	196	
<b>83842 CURITIBA</b>	2526S	04916W	923		914.6	1017.4	18.8	2.1	17.7		6	80	-10	3	178	130
<b>83881 IRAI</b>	2711S	05314W	247		987.0	1017.0	19.8	.4	19.3		2	143	-2	3	210	115
83897 FLORIANOPOLIS	2735S	04834W	2		1015.2	1015.4	22.4	1.0	21.9		8	75	-21	2	187	105
83967 PORTO ALEGRE	3001S	05113W	47		1011.8	1017.9	19.9	-2	19.0		8	90	4	2	165	92
83980 BAGE	3120S	05406W	217		987.9	1016.2	16.9	-7	16.5		8	336	233	5	174	104
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1013.0	1017.4	16.7	-6	17.1		8	70	-4	3	163	83
<b>PERU</b>																
84370 TUMBES	0333S	08024W	27		1006.0	1008.7	27.8		26.5		4	18		2		
84377 IQUITOS	0345S	07315W	126		1000.5	1011.1	25.9		27.9		23	341	32	4		
84401 PIURA	0511S	08036W	55		1007.4	1014.1	26.0		23.5		1	7	-17	4		
84452 CHICLAYO	0647S	07950W	34		1009.5	1012.5	22.8		19.7							
84455 TARAPOTO	0627S	07623W	282		982.5	1017.5	22.7		28.1		8	108	-27	3		
84501 TRUJILLO	0806S	07902W	30		1009.6	1013.7	20.1		23.5		1	16	15	6		
84515 PUCALLPA	0825S	07436W	149		994.1	1011.7	26.8		27.8		9	95		2		
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1011.3	1012.9	19.3		19.2						182	
84686 CUZCO	1333S	07159W	3249		688.8		11.9				6	71	27	5		
84691 PISCO	1345S	07617W	7		1010.1	1010.8	20.2		19.6							
84735 JULIACA	1529S	07009W	3826		645.6		7.8		7.5		3	27	-16	2		
84752 AREQUIPA	1619S	07133W	2539		753.7		15.9		7.0							
84782 TACNA	1804S	07018W	469		958.7	1016.5	19.5		16.1							
<b>BOLIVIA</b>																
85033 GUAYARAMERIN	1049S	06521W	130		995.1	1010.7	26.5		19.5		16	128		1		
85041 COBIJA	1102S	06847W	235		985.2	1016.2	25.7		19.6		8	136		1		
85043 RIBERALTA	1100S	06607W	141		994.8	1010.9	26.5		20.0		10	99		2		
85104 SAN JOAQUIN	1304S	06449W	140		994.0	1009.8	26.6		20.2		8	38		3		
85109 SAN RAMON	1318S	06442W	140		994.1	1009.9	26.7		20.0		6	52				
85114 MAGDALENA	1320S	06407W	141		994.4	1010.6	27.0		19.8		6	85		2		
85123 SANTA ANA	1346S	06526W	144		994.2	1011.1	27.0		18.9		7	139		3		
85141 RURRENABAQUE	1428S	06734W	204		989.0	1012.1	24.8		19.3		8	69		1		
85151 APOLO	1444S	06830W	1415		859.1		21.8		15.3		5	32		1		
85152 SAN BORJA	1452S	06652W	194		989.2	1011.5	25.8		18.5		10	173		4		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		994.7	1012.9	26.3		20.1		4	68		1		
85154 TRINIDAD	1449S	06455W	155		994.1	1011.9	25.6		18.5		6	152		4		
85175 ASCENSION DE GUARAYOS	1543S	06306W	247		984.7	1012.8	24.4		17.2		7	46		3		
85195 SAN JAVIER	1616S	06228W	534		953.8	1014.0	22.9		16.7		7	104		4		
85196 CONCEPCION	1609S	06201W	497		956.7	1013.3	23.7		17.0		9	64		3		
85201 LA PAZ/ALTO	1631S	06811W	4038				7.7		4.3		3	14		1		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		966.8	1014.8	23.6		17.3		9	92		4		
85210 SAN MATIAS	1620S	05823W	124		999.9	1014.3	26.5		19.0		7	134				
85223 COCHABAMBA	1725S	06611W	2548		749.0		18.4		7.4		1	5		1		
85230 CHARANA	1735S	06936W	4054		627.4		7.6		3.6		4	6		3		
85242 ORURO	1758S	06704W	3072		655.2		10.1		3.8		2	6		2		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		964.0	1011.6	24.0		15.9		8	76		3		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		981.6	1014.1	24.3		17.4		6	85		5		
85264 VALLEGRANDE	1828S	06406W	1998		794.4		16.2		10.4		4	9				

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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	
85268 ROBORE	1819S	05946W	276		983.4	1014.5	23.9		17.6		10	133		5		
85283 SUCRE	1901S	06518W	2904		720.3		14.5		7.5		1	1				
85289 PUERTO SUAREZ	1859S	05749W	134		995.5	1011.0	25.5		18.6		5	53		2		
85293 POTOSI	1933S	06544W	3935		637.0		4.6		3.2		1	1				
85315 CAMIRI	2000S	06332W	798		924.0	1012.8	21.4		13.6		2	10		1		
85345 VILLAMONTES	2115S	06327W	398		964.8	1013.9	22.5		15.4		5	13				
85364 TARIJA	2133S	06442W	1854		815.3		18.4		10.1		1	1		1		
85365 YACUIBA	2157S	06339W	645		940.1	1013.3	15.3		14.1		5	18		1		
<b>CHILE</b>																
85406 ARICA	1821S	07020W	55		1010.1	1014.5	19.1	- .4	15.2	-1.6	0	0	0	5	236	105
85418 IQUIQUE	2032S	07011W	48		1008.9	1014.6	17.8	- .5	14.8	-1.2	0	0	-T	5	232	95
85442 ANTOFAGASTA	2326S	07027W	140		998.4	1015.2	16.4	- .4	14.5	- .6	0	0	0	5	256	100
85469 ISLA DE PASCUA	2710S	10926W	69		1011.8	1019.9	21.8		19.3		9	160		5	234	120
85470 COPIAPO	2718S	07025W	290		979.7	1013.7			12.9	- .6	0	0	-1	4	190	85
85488 LA SERENA	2955S	07112W	146		999.9	1015.9	13.2	- .5	12.6	- .9	0	T	-1	4	148	90
85574 PUDAHUEL	3323S	07047W	474		960.7	1016.1	13.6		10.2		0	T		1	216	105
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		955.4	1015.6	14.3	1.6	11.6	-1.3	0	0	-11	1	198	100
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1014.8	1018.5	16.1		14.3		9	38		1	158	
85629 CURICO	3458S	07113W	220								1	6	-26	2	182	105
85682 CONCEPCION	3646S	07304W	13		1017.0	1018.0	11.7	- .3	11.1	- .6	2	19	-37	1	189	95
85743 TEMUCO	3846S	07238W	93		1007.1	1018.5	10.5	- .5	9.9	-1.1	7	27	-53	1	161	110
85766 VALDIVIA	3938S	07305W	19								9	96	-37	3	147	
85799 PUERTO MONTE	4126S	07306W	90		1007.7	1018.7	9.0	-1.1	10.3	- .6	8	106	-37	2	161	155
85864 COYHAIQUE	4536S	07206W	311		978.6	1016.0	7.6	- .6	8.0	- .4	6	20	-94	0	175	
85874 BALMACEDA	4555S	07142W	522		954.3	1016.1	5.2	-1.3	6.7	- .3	4	12	-41	1		
85934 PUNTA ARENAS	5300S	07051W	43		1004.0	1010.0			6.8	- .7	3	9	-27	0	136	110
<b>PARAGUAY</b>																
86011 BASE 5 'GRAL A. JARA'	1932S	05922W	150		998.7	1016.1	23.3		23.3		9	77				
86033 BAHIA NEGRA	2013S	05810W	96		1002.7	1012.0	24.3		23.0		4	56				
86065 PRATS-GIL	2242S	06130W	220		989.9	1015.5	22.2		19.9		5	35				
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	181		993.9	1012.1	23.1	- .9	21.3	1.0	5	51	-26	3		
86086 PUERTO CASADO	2217S	05752W	87		1004.7	1014.6	23.7	- .9	22.4	- .3	6	67	-40	2		
86097 PEDRO JUAN CABALLERO	2235S	05539W	662		950.5	1012.5	22.0		20.0		6	152				
86134 CONCEPCION	2325S	05718W	74		1004.6	1013.9	22.8	- .7	21.5	- .2	6	52	-70	2		
86185 SAN PEDRO	2404S	05705W	80		1005.0	1014.2	22.5		21.0		3	61				
86210 SALTOS DEL GUAIRA	2403S	05419W	300		978.7	1013.2	21.9		20.9		5	157			277	
86218 ASUNCION/AEROPUERTO	2516S	05738W	101		1004.6	1014.1	23.3	.5	20.2	- .3	4	126	-30	3		
86233 VILLARRICA	2545S	05626W	161		994.3	1013.0	21.8	.0	20.5	.1	4	179	10	4		
86246 AEROPUERTO INT GUARANI	2527S	05451W	236		986.7	1015.1	21.7		19.4		4	170				
86248 CIUDAD DEL ESTE	2532S	05436W	196		992.6	1013.9	22.0	.5	20.7	.4	5	166	26	3		
86255 PILAR	2651S	05819W	56		1007.8	1014.4	21.9	- .1	21.0	.5	2	100	-78	2		
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		998.9	1013.5	21.2	.2	18.4	- .1	5	124	-37	3		
86297 ENCARNACION	2719S	05550W	91		1003.5	1013.9	20.7	.7	19.8	1.0	4	113	-49	3		
<b>URUGUAY</b>																
86330 ARTIGAS	3023S	05630W	120		1001.0	1015.1	17.8	-1.1	16.0	- .8	9	172	53	4	185	103
86350 RIVERA	3053S	05532W	241		987.4	1015.6	17.4		15.7		12	291		5	187	105

# SURFACE

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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	%		
86360 SALTO	3123S	05757W	33		1010.3	1015.3	17.3	-.8	15.9	.4	10	308	182	5	178	98
86430 PAYSANDU	3220S	05802W	61		1009.3	1016.6	16.9		16.0		11	283		5	176	85
<b>86440 MELO</b>	3222S	05413W	100		1003.2	1015.3	16.1	-1.1	15.3	.8	10	188	109	5	174	91
86460 PASO DE LOS TOROS	3248S	05631W	75		1006.3	1015.4	16.6	-1.1	15.1	-.5	9	143	41	5	170	91
<b>86490 MERCEDES</b>	3315S	05804W	17		1013.6	1015.7	16.0	-1.2	14.7	-.3	11	137	46	5	162	86
86500 TREINTA Y TRES	3313S	05423W	46		1009.9	1015.5	16.0	-1.2	15.1	-.2	9	73	-7	3	163	88
86560 COLONIA	3427S	05750W	23		1012.2	1014.6	17.6	-.3	14.9	-.8	9	45	-46	2	176	97
<b>86565 ROCHA</b>	3429S	05418W	18		1013.2	1015.4	16.0	-.6	14.6	-1.6	9	47	-25	2	179	95
86580 CARRASCO	3450S	05600W	32		1015.5	1016.0	16.1	-1.1	14.7	-.2	9	48	-39	2	169	89
<b>ARGENTINA</b>																
87016 ORAN AERO	2309S	06419W	357		971.2	1012.0	21.0	.1	21.2	-.5	9	31	-50	1	115	
87022 TARTAGAL AERO	2239S	06349W	450		962.2	1013.2	20.5		19.5		6	17			153	
87046 JUJUY AERO	2423S	06505W	905		912.1	1506 Y	18.4		17.3		4	24		2	159	105
<b>87047 SALTA AERO</b>	2451S	06529W	1221		879.9	1514 Y	17.0	.8	15.5	.2	01	1	-35	0	152	130
87097 IGUAZU AERO	2544S	05428W	270		984.1	1015.0	20.4		21.1		4	78		2	214	
87121 TUCUMAN AERO	2651S	06506W	450		962.6	1013.8	19.3		17.9		9	99				
<b>87129 SANTIAGO DEL ESTERO AERO.</b>	2746S	06418W	199		991.4		19.1	-.9	13.2	-4.5				0	165	102
87155 RESISTENCIA AERO.	2727S	05903W	52		1008.2	1014.2	21.1		19.2		1	114		3	188	105
87162 FORMOSA AERO	2612S	05814W	60		1005.8	1012.7	22.8	.8	19.7	-1.3	3	104	-49	2	240	119
87163 B. DE IRIGOYEN AERO	2615S	05309W	815		924.2	1529 Y	18.8		17.1		5	132			264	
87166 CORRIENTES AERO.	2727S	05846W	62		1007.7	1014.9	21.3	.3	19.4	-.5	2	118	-56	2	228	112
87178 POSADAS AERO.	2722S	05558W	125		1000.0	1014.4	21.9	.7	19.0	-.6	6	134	-20	3	204	111
87213 CHILECITO AERO	2914S	06726W	945			1531 Y	19.2		11.4		3	17			204	
<b>87217 LA RIOJA AERO.</b>	2923S	06649W	429		964.1	1011.5	19.9	.1	16.9	1.0					164	83
87222 CATAMARCA AERO.	2836S	06546W	454		959.7	1011.2	20.0		15.8		5	127		3	164	90
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		972.0	1014.2			15.9	-.6	9			4		
<b>87257 CERES AERO</b>	2953S	06157W	88		1004.5	1014.7	18.0	-1.1	17.6	.0	10	206	126	5	171	86
87270 RECONQUISTA AERO	2911S	05942W	53		1009.1	1015.3	19.5	-.4	18.3	-1.5	9	203	55	4	183	90
87311 SAN JUAN AERO	3134S	06852W	598		946.6	1014.9	16.9		11.6		2	17		5	202	80
87320 CHAMICAL AERO	3022S	06617W	461		960.8	1013.6	18.2	-1.1	15.4	.5	5	37	19	5	183	
87322 CHEPES	3120S	06636W	658			1013.5	17.7	-1.0	14.0	-.4	6	210	198	4		
87328 VILLA DOLORES AERO	3157S	06508W	569		949.6	1014.4	17.1	-.8	15.1	1.2	10	65	30	5	208	96
<b>87344 CORDOBA AERO</b>	3119S	06413W	474		960.8	1015.3	16.4	-.8	14.7	-.3	11	90	39	5	155	79
87349 PILAR OBSERVATORIO	3140S	06353W	338		976.6	1015.9	16.6	-.5	14.9	.2	11	79	27	5	150	75
<b>87374 PARANA AERO</b>	3147S	06029W	78		1006.7	1015.9	17.2	-.5	16.0	-.1	12	278	177	4	178	84
87393 MONTE CASEROS AERO	3016S	05739W	54		1009.3	1015.6	18.4	-.9	17.0	-.4	9	255	118	5	188	90
87395 CONCORDIA AERO	3118S	05801W	38		1011.2	1015.7	17.5	-1.3	16.2	-.6	10	311	179	5	161	
<b>87418 MENDOZA AERO</b>	3250S	06847W	704		934.8	1014.6	16.1	.0	12.7	.7	5	345	333	5	171	78
87436 SAN LUIS AERO	3316S	06621W	713			1014.3	16.6	-.1	12.4	.1	7	320	278	3	184	79
87448 VILLA REYNOLDS AERO	3344S	06523W	486			1015.9	14.9	-.6	13.5	.5	10	84	41	1	160	78
87453 RIO CUARTO AERO	3307S	06414W	420		966.3	1015.0	16.1	-.3	13.7	.2	7	0102	0055	5	149	
87467 MARCOS JUAREZ AERO	3242S	06209W	114			1015.9	16.4	-.6	14.8	-.6	12	0122	0061	5	152	78
87480 ROSARIO AERO	3255S	06047W	25		1012.5	1015.4	16.8	-.3	15.4	-.4	12	147	68	5	165	81
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1013.4	1015.9	16.6	-.9	14.8	-.8	10	158	73	5	158	82
87506 MALARGUE AERO	3530S	06935W	1425		859.2	1515 Y	11.4	.1	8.4	.1	1	15	1	4	225	
87509 SAN RAFAEL AERO	3435S	06824W	748		930.7		14.1	-.7			6	20	0	4	153	74
87532 GENERAL PICO AERO	3542S	06345W	145			1015.8	15.7	-.2	13.0	-.4	6	84	13	4	128	72
<b>87534 LABOULAYE</b>	3408S	06322W	137		1000.0	1016.2	15.5	-.7	14.3	.4	6	69	-2	3	161	78

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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	%
87544 PEHUAJO AERO	3552S	06154W	87		1006.1	1016.5	14.7	- .7	13.3	- .7	8	99	17	4	192	
87576 EZEIZA AERO	3449S	05832W	20		1014.1	1016.4	15.9	- .3	14.4	- .2	6	52	-32	2	153	98
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1015.7	1016.3	17.6	- .3	15.0	- .8	8	59	-29	2	173	90
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1013.4	1016.4	17.1	- .5	14.6	- .8	9	76	-21	2	158	
87593 LA PLATA AERO	3458S	05754W	19		1013.7	1016.5	15.3	- .8	15.1	- .1	9	46	-27	2	153	82
87596 PUNTA INDIO B.A.	3522S	05717W	22		1013.9	1016.5	15.7	- .5	14.8	- .4		110	27	1	179	88
87623 SANTA ROSA AERO	3634S	06416W	191		994.1	1016.7	14.2	- .9	12.1	- .6	6	50	-2	3	150	77
87640 BOLIVAR AERO	3612S	06104W	934			1017.2	14.4		13.5		8	170			177	
87641 AZUL AERO	3650S	05953W	147		1007.9	1017.2	13.0		12.1		7	157		5	181	95
87648 DOLORES AERO	3621S	05744W	9		1015.5	1016.6	14.1	- .9	13.6	- .4	6	106	33	5	143	
87679 PIGUE AERO	3736S	06223W	304		980.4	1016.1	14.2	1.0	11.4	- .4	2	37	-47	2		
<b>87715 NEUQUEN AERO</b>	3857S	06808W	271		980.0	1017.3	12.4	- .8	9.4	.6	3	10	-5	1	195	90
<b>87750 BAHIA BLANCA AERO</b>	3844S	06210W	83		1007.1	1017.0	14.4	- .2	11.6	.1	6	19	-43	1	158	82
87765 BARILLOCHE AERO	4109S	07110W	840		921.6	1501 Y	7.6	- .1	6.5	-1.3	3	33	-20	3	211	113
87774 MAQUINCHAO	4115S	06844W	888		915.4	1490 Y	9.3	.4			1	31	16	3		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1014.1	1016.5	13.2	-2.0	9.7	- .3	3	33	11	1	205	
87791 VIEDMA AERO	4051S	06301W	7		1015.6	1016.5	12.5		10.3		5	25		3	206	100
87800 EL BOLSON AERO	4158S	07131W	337		978.2	1018.9	7.7		8.4		3	38			231	
<b>87803 ESQUEL AERO</b>	4256S	07109W	785		923.8	1016.6	7.6	- .7	5.8	-1.0	1	5	-33	1	228	70
87814 PASO DE INDIOS	4349S	06853W	460		959.5	1013.9			6.4		1	136		3	209	130
87823 P. MADRYN AERO	4244S	06504W	136		999.0	1015.2	12.1		9.4		1	7			219	
<b>87828 TRELEW AERO</b>	4312S	06516W	43		1010.5	1015.7	12.1	-1.3	8.2	.6	2	33	17	2	245	124
87852 PERITO MORENO AERO	4631S	07101W	429		963.6	1014.9	8.3		7.5		3	14			190	
<b>87860 COMODORO RIVADAVIA AERO</b>	4547S	06730W	46		1008.9	1014.3	11.7	-1.2	7.3	.0	2	8	-15	2	232	158
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		969.0	1011.9	8.4		6.5		5	21			179	
87896 PUERTO DESEADO AERO	4744S	06555W	80		1003.9	1013.7	9.7	- .7	9.1	.8	5	19	-6	3	155	
87909 SAN JULIAN AERO	4919S	06745W	62		1005.3	1012.9	8.8		8.0		3	14		3	163	
<b>87925 RIO GALLEGOS AERO</b>	5137S	06917W	19		1008.7	1011.1	7.0	- .5	7.3	.2	5	19	-2	3	136	
87938 USHUAIA AERO	5448S	06819W	14		991.3		6.8	1.1	7.8	.5	7	83	27	1	108	
<b>ANTARCTICA</b>																
<b>ARGENTINA (ANTARCTIC)</b>																
<b>88963 BASE ESPERANZA</b>	6324S	05659W	13		988.7	991.5	-3.0	4.3	4.2		6	14	-45	0	94	
<b>88968 BASE ORCADAS</b>	6045S	04443W	4		992.4	993.9	-3.6	-1.3	4.5		8	44	-29	2	43	205
89053 BASE JUBANY	6214S	05838W	4				- .5		4.0		10	51			38	
89055 BASE MARAMBIO (CENTRO MET. A)	6414S	05643W	198		967.4	992.1	-5.6		3.3		1	3			56	
89066 BASE SAN MARTIN	6808S	06708W	4		990.4	991.1	- .4		4.2		9	47			34	
<b>UNITED KINGDOM (ANTARCTIC)</b>																
89022 HALLEY	7530S	02639W	30		979.4	983.5	-24.4		.8						83	
89062 ROTHERA POINT	6734S	06808W	16		986.8	990.9	-2.4		4.2						61	
<b>UKRAINE (ANTARCTIC)</b>																
<b>89063 VERNADSKY</b>	6515S	06416W	11		991.5	992.9	-1.2		5.2							
<b>USSR (ANTARCTIC)</b>																
89050 BELLINGSHAUSEN	6212S	05856W	16		992.4	994.3	- .7		5.4		13	42	42		19	

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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	QUINILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		963.3	978.2	-10.5		1.3		2	4	3		8	
89592 MIRNYJ	6633S	09301E	30		975.7	981.4	-13.3		2.0			10	0	1		
<b>GERMANY (ANTARCTIC)</b>																
89002 NEUMAYER	7040S	00815W	50		974.7	979.9	-16.8		1.4						94	
<b>ARGENTINA (ANTARCTIC)</b>																
89034 BASE BELGRANO II	7752S	03437W	256		951.9	984.9	-16.9		9.7		3	74				
<b>URUGUAY (ANTARCTIC)</b>																
89054 DINAMET-URUGUAY	6211S	05851W	17		991.5	993.5	-6.1		5.2		8	36			22	
<b>CHILE (ANTARCTIC)</b>																
89056 CENTRO MET. ANTARTICO ' PDTE. ED	6211S	05859W	48		988.5	994.0	-.7		5.2	.7	8	28		2	12	
89057 BASE ARTURO PRAT	6230S	05941W	5		993.5	994.0	-.5	1.5	5.6	1.2	9	65	12	4	52	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		990.8	991.9	-2.5	1.6	4.6	.9	9	53	-25	2	44	
<b>JAPAN (ANTARCTIC)</b>																
89532 SYOWA	6900S	03935E	21		976.7	979.3	-7.7	2.2	2.7	.5					49	
<b>AUSTRALIA (ANTARCTIC)</b>																
89564 MAWSON	6736S	06252E	16		985.2	987.3	-16.2		.9						169	
89571 DAVIS	6834S	07757E	13		980.4	983.4	-13.0		1.6		8	17	7	5	60	
89611 CASEY	6617S	11031E	42		975.9	981.2	-10.2		2.4		6	13				
<b>FRANCE (ANTARCTIC)</b>																
89642 DUMONT D'URVILLE	6640S	14001E	43		983.0	988.6	-14.7		1.3						108	
<b>SW PACIFIC</b>																
<b>MALAYSIA (PENIN. MALAYSIA)</b>																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1008.9	1009.2	28.8	1.1	31.5	.3	15	88	-132	1		
48615 KOTA BHARU	0610N	10217E	5		1009.0	1009.6	28.8	1.0	30.9	.9	4	51	-34	2		
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1006.7	1009.1	27.8	.8	31.2	1.2	21	327	43	4		
48657 KUANTAN	0337N	10313E	16		1007.8	1009.5	27.6	1.0	31.6	1.9	15	255	92	4		
48665 MALACCA	0216N	10215E	9		1008.2	1009.2	27.5	.5	31.3	.9	18	347	150	5		
<b>SINGAPORE</b>																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1007.6	1009.4	27.9	.7	32.4	2.0	14	160	19	4	152	88
<b>USA (PACIFIC OCEAN NORTH)</b>																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1018.3	24.2	.9	21.4		11	45	-43	2		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1017.8	25.1	.8	20.8		4	21	-18	3		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1018.5	22.5	-1	20.9		24	359	-28	4		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1008.9	27.9	.2	31.0		19	317	26	3		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1009.7	27.2	-1	30.2		20	799	382	5		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1010.2	27.7	-1	29.7		20	302	111	5		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1009.5	28.1	.8	30.3		20	339	78	4		

# SURFACE

## APRIL 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	
91408 KOROR, PALAU IS.	0720N	13429E	33			1009.4	28.1	.2	31.1		12	190	-30	2		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1009.5	28.0	.5	31.3		16	131	-15	3		
<b>NEW CALEDONIA</b>																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1009.8	1011.9	24.3	.1	24.1		6	58	-8	3	188	87
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1004.3	1012.6	24.2	.4	22.9		8	119	9	4	151	76
<b>TUVALU (NEW ZEALAND)</b>																
91643 FUNAFUTI	0831S	17913E	2		1008.8	1009.0	28.6		32.9		23	398		5	187	90
<b>FIJI</b>																
91650 ROTUMA	1230S	17703E	26			1009.2	28.3		31.7		26	257		3	206	110
91680 NANDI	1745S	17727E	25			1009.8	26.5	.3	29.3		16	106	-67	2	211	107
91683 NAUSORI	1803S	17834E	7			1010.3	26.3		30.4		22	374		3		
91699 ONO-I-LAU	2040S	17843W	28			1011.5	26.9		28.8		5	52		2		
<b>NEW CALEDONIA (DETACHED IS.)</b>																
91753 HIHIFO (ILE WALLIS)	1314S	17610W	27		1006.1	1009.1	27.7		31.5		17	254		3	171	80
<b>FRENCH POLY. (MARQUESAS)</b>																
91925 ATUONA	0948S	13902W	52		1005.3	1011.1	27.2		28.4		9	71	-60	2	203	93
<b>FRENCH POLY. (SOCIETY IS)</b>																
91929 BORA-BORA	1626S	15145W	3		1011.4	1011.8	27.6		29.3		15	230		4		
91938 TAHITI-FAAA	1733S	14937W	2		1011.9	1012.2	27.5		28.2		10	148	8	4	212	92
<b>FRENCH POLY. (TUAMOTU IS)</b>																
91943 TAKAROA	1429S	14502W	3		1011.6	1011.9	28.9		29.8		9	47	-71	2	260	105
91945 HERERETUE	1952S	14500W	3		1013.1	1013.5	26.8		28.4		15	290		6	196	80
91948 RIKITEA	2308S	13458W	89		1005.9	1016.0	24.7		24.9		9	106	-52	3	146	81
<b>FRENCH POLY. (AUSTRAL IS)</b>																
91954 TUBUAI	2321S	14929W	3		1013.6	1013.8	24.3		25.5		17	271	97	5	154	85
91958 RAPA	2737S	14420W	2		1015.8	1016.1	22.2		21.5		14	217		3	64	50
<b>PAPUA NEW GUINEA</b>																
92003 DARU W.O.	0905S	14312E	9						31.3		8	134			190	
92004 WEWAK W.O.	0335S	14340E	4		1004.5	1008.5			.6		19	57				
92035 PORT MORESBY W.O.	0923S	14713E	58		1002.3	1008.1			28.7		7	0106		3	174	85
92047 NADZAB W.O.	0634S	14643E	70		1000.2	1008.1			30.0		11	61		0	209	120
92072 HOSKINS W.O.	0528S	15024E	8						24.5			370		0		
92076 KAVIENG W.O.	0234S	15049E	4		1008.4	1008.9			3.1		16	275			190	
92077 GURNEY W.O.	1019S	15020E	23		1007.7	1010.4			29.7		22	316			132	
<b>NEW ZEALAND</b>																
93012 KAITAIA	3506S	17316E	54				17.1		16.0		8	44	-69	1	183	110
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1018.3	15.3	.5	14.3		6	43	-46	2		
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1018.5	14.8		13.1		6	61		1		
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1019.4	13.1	-.6	12.1		2	17	-62	1	176	105

# SURFACE

## APRIL 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		
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1019.0	12.5			11.1		7	78		0		
93678 KAIKOURA	4225S	17342E	101			1019.3	11.9			10.3		8	90		5		
93780 CHRISTCHURCH	4329S	17233E	30			1019.5	10.2			10.8		5	48		3	148	90
93844 INVERCARGILL AERODROME	4625S	16819E	4			1019.5	9.5	- .8		9.8		7	44	-62	1	99	95
93947 CAMPBELL ISLAND AWS	5233S	16909E	19			1012.2	7.6			8.1		16	102		3		
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1015.0	12.8			11.8		15	130		6		
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1014.5	21.7			21.9							
<b>AUSTRALIA</b>																	
94120 DARWIN AIRPORT	1225S	13053E	31		1006.6	1010.5	28.8			26.8		1	12	-73	1	311	116
94150 GOVE AIRPORT	1217S	13649E	54		1004.5	1010.5	27.2			27.2		5	107		3	282	125
94203 BROOME AIRPORT	1757S	12214E	7		1010.4	1011.4	28.1			22.3		1	2	-17	3	306	
94212 HALLS CREEK AMO	1814S	12740E	424		964.6	1011.9	27.7			14.8		2	16	-6	4		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		970.6	1013.0	26.8			12.9		01	1	-16	2	317	108
94287 CAIRNS AERO	1653S	14545E	3		1012.4	1013.3	25.2			23.8		10	263	39	4	249	130
94294 TOWNSVILLE AERO	1915S	14645E	9		1013.1	1014.1	25.6			22.6		3	20	-40	2	268	116
94299 WILLIS ISLAND	1618S	14959E	6		1011.3	1012.3	27.0			25.5		5	41	-80	2		
94312 PORT HEDLAND AIRPORT	2022S	11838E	9		1011.2	1012.1	27.5			20.6		2	34	10	5		
94326 ALICE SPRINGS AERO	2348S	13353E	546		953.8	1015.9	22.4			9.8		01	1	-15	3	296	105
94332 MT ISA AERO	2041S	13929E	340		974.6	1012.5	26.8			11.7		2	9	-7	4	305	107
94346 LONGREACH AIRPORT	2326S	14417E	192		992.4	1014.4	25.0			11.4		1	6	-34	2		
94367 MACKAY MO	2107S	14913E	30		1011.4	1015.2	23.7			22.5		7	54	-100	1	254	120
94374 ROCKHAMPTON AERO	2323S	15029E	14		1014.5	1016.1	23.3			19.5		3	24	-27	2		
94403 GERALDTON AIRPORT	2848S	11442E	33		1011.4	1015.6	21.3			17.0		4	11	-14	2		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		956.1	1014.4	23.2			12.5		3	76	59	6		
94461 GILES	2502S	12817E	598		948.0	1015.1	23.2			9.6		2	17	2	4	281	101
94610 PERTH AIRPORT	3156S	11559E	31		1014.3	1016.7	19.7			14.8		4	47	0	3	233	
94647 EUCLA	3141S	12853E	102		1007.1	1019.2	18.0			12.6		2	17		3		
94653 CEDUNA AIRPORT	3208S	13342E	16		1017.7	1019.5	16.5			11.5		2	6	-14	2	256	109
94693 MILDURA AIRPORT	3414S	14205E	52		1013.9	1020.1	17.7			9.9		01	1	-23	1	261	105
94711 COBAR	3129S	14550E	264		988.4	1019.2	19.1			11.2		5	49	16	5	258	100
94767 SYDNEY AIRPORT	3356S	15110E	5		1020.2	1020.8	18.4			15.9		18	245	125	5	172	90
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1019.5	1020.5	17.5			15.8		15	169	51	4	157	76
94791 COFFS HARBOUR MO	3019S	15307E	5		1018.4	1019.2	18.9			16.4		13	135	-80	3	202	96
94802 ALBANY AIRPORT	3456S	11748E	69		1009.3	1017.5	17.0			15.1		11	65	1	3	157	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1013.2	1021.5	13.8			12.0		6	28	-23	1	217	139
94866 MELBOURNE AIRPORT	3740S	14451E	132		1007.4	1021.6	14.7			12.0		9	57	9	4	207	
94907 EAST SALE AIRPORT	3806S	14708E	8		1021.1	1022.1	14.0			12.5		4	31	-21	2	168	95
94910 WAGGA AIRPORT	3510S	14727E	213		995.4	1020.7	16.6			10.4		5	100	0050	6	239	105
94926 GANBERRA AMO	3518S	14912E	580		954.2	1021.7	13.5			10.7		3	14	-39	2	195	96
94968 LAUNCESTON AIRPORT	4132S	14712E	178		1001.3	1022.7	11.9			10.8		7	64	13	4	215	110
94975 HOBART AIRPORT	4250S	14729E	27		1019.0	1022.4	12.8			10.7		9	38	0	3	151	88
<b>AUSTRALIA (ADDITIONAL IS.)</b>																	
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1016.4	1017.2	20.1			16.9		18	182	64	5		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1002.8	1015.7	19.9			17.4		8	45	-92	1	214	111
94998 MACQUARIE ISLAND	5429S	15856E	6		1007.9	1008.9	5.9			8.1		17	97	7	3	31	57
<b>INDONESIA (SUMATRA)</b>																	

# SURFACE

APRIL 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.
	0°	0°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1008.7	1009.4	26.3		28.7		20	423		3	119	75
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31		1005.7	1009.6	27.6		29.5		21	332		4	172	85
<b>MALAYSIA (SABAH &amp; SARAWAK)</b>																
96413 KUCHING	0129N	11020E	27		1007.6	1010.1	26.5		29.8		20	503		6		
96421 SIBU	0220N	11150E	8		1006.5	1010.0	26.5		30.0		22	387		5	177	100
96441 BINTULU	0312N	11302E	5		1006.9	1009.6	26.5	-.5	28.8		17	294	50	4	165	85
96449 MIRI	0420N	11359E	18		1007.4	1009.3	27.9	.7	32.3		14	150	-44	2		
96465 LABUAN	0518N	11515E	30		1005.7	1009.0	29.0		31.1	-.3	11	201		3	271	105
96471 KOTA KINABALU	0556N	11603E	3		1008.9	1009.2	28.6		30.3		5	46		2		
96481 TAWAU	0416N	11753E	20		1007.3	1009.2	26.9		29.6		7	209	120	6	276	120
96491 SANDAKAN	0554N	11804E	13		1008.5	1009.7	28.9	1.3	34.0		1	11		1	313	125
<b>INDONESIA (JAWA)</b>																
96749 JAKARTA/SOEKARNO- HATTA	0607S	10639E	8		1008.2	1009.5	28.2		30.8		4	17				
<b>AUSTRALIA (OCEAN ISLANDS)</b>																
96996 COCOS ISLAND AERO	1211S	09649E	3		1010.5	1011.0	27.8		30.3		15	379	129	4		
<b>INDONESIA (MALUKU/IRIAN JAYA)</b>																
97980 MERAUKE/MOPAH	0828S	14023E	3			1008.6	27.3		29.1		10	82		2	189	



# 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.
	°	°	m		mb	mb	° C	° C	mb	mb		mm	mm		hr	
SEPTEMBER 2002																
<b>ASIA</b>																
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
40712 ORUMIEH	3732N	04505E	1312		868.2	1009.0	21.6	2.6	10.0	- .3	0	0	-3		326	111
FEBRUARY 2003																
<b>ASIA</b>																
<b>THAILAND</b>																
48431 NAKHON RATCHASIMA	1458N	10205E	188		990.7	1011.9	27.0	.8	22.4	1.0		32	11	4		
MARCH 2003																
<b>AFRICA</b>																
<b>SUDAN</b>																
62600 WADI HALFA	2149N	03129E	183		992.4	1013.8	21.5	-1.0	7.2		0	0	-T	5	309	85
62640 ABU HAMED	1932N	03319E	312		975.6	1011.3	23.7	-2.2	4.9		0	0	0	5	312	85
62641 PORT SUDAN	1935N	03713E	2		1008.4	1013.2	23.4	-.9	18.9		0	0	-1	5	252	65
62650 DONGOLA	1910N	03029E	226		985.9	1013.1			4.9		0	0	-T	5	308	95
62660 KARIMA	1833N	03151E	249		981.9	1011.9	24.3	-1.7	4.2		0	0	-T	5	316	85
62680 ATBARA	1742N	03358E	345		969.6	1008.8			6.6		0	0	-T	5	317	85
62721 KHARTOUM	1536N	03233E	380		964.6	1008.8	28.1	-.6	3.1		0	0	0	5		
62730 KASSALA	1528N	03624E	500		950.1	1005.1	29.8	.6	11.4		0	0	-1	5	309	85
62751 WAD MEDANI	1424N	03329E	408		963.5	1008.6	29.7	1.0	7.7		0	0	-T	5	309	85
62752 GEDAREF	1402N	03524E	599		940.4	1005.8	34.5	4.2	10.8		0	0	-1	5	284	80

# 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.
	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
62760 EL FASHER	1337N	02520E	730		927.0	1007.8	27.0	1.5	4.6		0	0	-1	5	294	80
62762 SENNAR	1333N	03337E	418		959.2	1005.9	29.3	.4	7.5		0	0	-T	5	306	80
62770 GENEINA	1329N	02227E	805		921.7	1009.2	27.9	1.2	3.9		0	0	-1	5	285	75
62771 EL OBEID	1310N	03014E	574		944.9	1008.3	27.0	-.4	5.0		0	0	-1	5	269	70
62772 KOSTI	1310N	03240E	381		965.0	1007.4	28.8	-.7	8.4		0	0	-T	5	307	80
62781 EN NAHUD	1242N	02826E	564		947.8	1001.7	27.9	.2	7.9		0	0	-1	5	295	80
62790 NYALA	1203N	02453E	674		938.2	1009.0	28.7	.4	4.1		0	0	-1	5	287	85
62795 ABU NA'AMA	1244N	03408E	445		956.7	1005.3	31.6	1.4	7.4		0	0	-1	5	300	80
62805 DAMAZINE	1147N	03423E	470		953.1	1003.3	31.5	.8	8.3		0	0	-2	5	277	75
62810 KADUGLI	1100N	02943E	499		953.0	1007.3	34.0	3.5	4.6		0	0	-3	5	271	85
62840 MALAKAL	0933N	03139E	388		963.4	1006.1	31.9	1.0	7.2		4	70	64	4	270	70
62941 JUBA	0452N	03136E	457		954.5	1005.4	32.7	2.8	20.1		5	66	22	2	204	70
<b>SW PACIFIC</b>																
MALAYSIA (PENIN. MALAYSIA)																
48674 MERSING	0227N	10350E	45		1005.8	1010.7	27.7	1.1	30.7	1.8	9	66	-65	2		

# UPPER AIR

# APRIL 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 APR 2003 7056N 00840W OB 3									<b>EUROPE - NORWAY</b> BJORNOYA 01028 APR 2003 7431N 01901E OB 3									<b>EUROPE - NORWAY</b> BODO 01152 APR 2003 6715N 01424E OB 3								
030	23445	23	-58.3	30.2	9	98	263	29	030	23602	3	-55.2	31.0	3	75	292	18	030	23802	1	-53.4	32.4	1	28	351	4
050	20228	22	-56.8	29.4	9	98	263	30	050	20340	2	-54.9	31.1	2	83	293	18	050	20502	1	-52.9	32.2	1	51	315	5
100	15827	22	-53.9	30.5	9	96	272	29	100	15884	2	-52.5	31.3	2	88	290	16	100	16029	0	-52.4	31.8	0	75	302	8
150	13223	22	-53.3	28.4	9	92	274	28	150	13263	2	-52.0	28.8	2	84	287	15	150	13402	0	-51.6	30.1	0	72	307	10
200	11374	22	-54.0	23.4	9	88	275	30	200	11406	2	-53.6	23.3	2	79	285	16	200	11545	0	-54.1	23.4	0	63	303	11
300	8755	22	-49.8	16.8	9	85	276	31	300	8798	2	-51.4	13.5	2	68	284	17	300	8947	0	-51.2	12.4	0	55	304	15
500	5274	22	-29.2	12.4	9	81	276	21	500	5347	2	-30.7	9.5	2	64	283	13	500	5459	0	-27.6	13.3	0	52	300	10
700	2810	22	-17.1	11.6	9	72	271	11	700	2881	2	-15.6	11.0	2	68	278	10	700	2964	0	-12.6	12.5	0	48	292	5
850	1338	22	-11.8	7.4	9	46	281	6	850	1395	2	-8.8	9.6	2	69	282	9	850	1460	0	-5.3	7.6	0	28	253	3
1010	* 9		-5.3	2.8					1014	* 18		-3.7	2.1					1017	* 33		3.7	6.5				
<b>EUROPE - NORWAY</b> ORLAND 01241 APR 2003 6342N 00936E OB 3									<b>EUROPE - NORWAY</b> STAVANGER/SOLA 01415 APR 2003 5852N 00540E OB 3									<b>EUROPE - SWEDEN</b> SUNDSVALL-HARNOSAND FPL 02365 APR 2003 6232N 01727E OB 3								
030	23792	0	-54.4	30.9	0	25	25	3	030	23773	0	-55.2	28.2	0	59	77	6	030	23793	25	-57.0	31.8	9	75	42	9
050	20518	0	-54.0	30.8	0	25	342	2	050	20512	0	-55.2	28.3	0	40	37	3	050	20508	12	-54.7	32.2	9	58	30	4
100	16068	0	-53.6	30.2	0	64	315	6	100	16092	0	-55.1	27.9	0	37	348	3	100	16056	0	-53.2	30.6	2	55	356	5
150	13454	0	-52.4	28.7	0	62	316	8	150	13493	0	-53.4	26.5	0	41	337	5	150	13431	0	-52.3	29.7	0	56	336	7
200	11601	0	-54.8	19.3	0	52	321	9	200	11653	0	-56.8	17.5	0	41	329	7	200	11574	0	-54.0	21.8	0	44	341	8
300	9011	0	-50.5	11.8	1	46	321	11	300	9073	0	-49.9	10.6	0	31	331	7	300	8977	0	-50.7	14.1	0	40	347	11
500	5502	0	-25.6	10.0	0	50	320	8	500	5546	0	-24.0	12.2	0	31	334	5	500	5478	0	-27.0	12.9	0	31	353	6
700	2983	0	-9.9	10.9	0	37	305	4	700	3007	0	-7.6	13.1	0	20	344	3	700	2972	0	-11.8	15.2	0	25	354	3
850	1464	0	-2.4	8.9	0	29	270	3	850	1475	0	-4	11.9	0	23	160	2	850	1464	0	-4.8	9.0	0	22	30	2
1018	* 10		5.8	6.2					1014	* 14		8.3	7.9					1021	* 6		1.7	5.1				
<b>EUROPE - SWEDEN</b> GOTEBORG/LANDVETTER 02527 APR 2003 5740N 01218E OB 3									<b>EUROPE - FINLAND</b> SODANKYLA 02836 APR 2003 6722N 02639E OB 3									<b>EUROPE - FINLAND</b> JYVASKYLA 02935 APR 2003 6224N 02541E OB 3								
030									030	23734	0	-54.4	30.9	0	48	330	8	030	23752	8	-54.7	29.4	8	56	48	8
050	20514	20	-56.4	29.9	9	80	75	7	050	20455	0	-53.4	31.7	0	61	325	7	050	20478	0	-54.3	30.1	0	53	10	5
100	16076	3	-54.4	29.1	4	43	6	4	100	15986	0	-52.1	32.7	0	77	312	8	100	16023	0	-52.6	30.9	0	58	340	5
150	13469	0	-52.7	27.0	0	50	349	7	150	13357	0	-51.4	32.4	0	68	314	8	150	13398	0	-51.5	30.8	0	52	334	6
200	11619	0	-55.4	19.4	0	48	344	9	200	11497	0	-53.4	25.7	0	52	313	9	200	11537	0	-52.9	25.8	0	39	337	6
300	9026	0	-50.2	12.0	0	47	346	13	300	8892	0	-51.4	12.5	0	44	319	11	300	8929	0	-51.0	12.6	0	36	343	7
500	5509	0	-24.9	10.8	0	42	347	8	500	5424	0	-29.4	11.2	0	37	308	6	500	5449	0	-28.2	10.2	0	35	341	5
700	2983	0	-10.0	14.6	0	19	351	3	700	2947	0	-14.7	10.5	0	31	305	4	700	2957	0	-12.8	12.1	0	22	11	2
850	1462	0	-2.1	9.5	0	10	32	1	850	1456	0	-7.0	6.6	0	31	281	3	850	1456	0	-5.6	8.1	0	30	63	3
1004	* 155		6.0	9.3					999	* 179		-1.9	5.3					1003	* 145		.9	6.4				

# UPPER AIR

# APRIL 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 - FINLAND</b> <b>JOKIOINEN</b> 02963 APR 2003 6049N 02330E OB 3								<b>EUROPE - UNITED KINGDOM</b> <b>LERWICK</b> 03005 APR 2003 6008N 00111W OB 3								<b>EUROPE - UNITED KINGDOM</b> <b>CAMBORNE</b> 03808 APR 2003 5013N 00519W OB 3										
030	23754	7	-54.2	29.9	7	57	70	7	030	23813	0	-54.7		0	34	85	3	030	23761	0	-56.6		0	41	86	2
050	20481	0	-54.8	30.4	0	49	27	4	050	20546	0	-54.4		0	15	36	1	050	20526	0	-57.1		0	18	125	1
100	16034	0	-53.1	30.5	0	47	345	4	100	16115	0	-54.7		0	30	308	3	100	16145	0	-56.8		0	34	248	3
150	13410	0	-51.6	29.6	0	42	336	5	150	13514	0	-53.3		0	38	295	4	150	13565	0	-55.0		0	39	271	5
200	11548	0	-53.1	24.6	0	35	348	6	200	11674	0	-56.7		0	37	297	6	200	11736	0	-57.0		0	33	257	7
300	8940	0	-50.6	13.7	0	36	346	8	300	9084	0	-49.6		0	27	291	6	300	9136	0	-47.7		0	25	229	6
500	5454	0	-27.7	12.7	0	28	341	4	500	5551	0	-23.7	11.2	0	25	292	4	500	5576	0	-21.7	11.6	0	15	200	3
700	2956	0	-12.1	11.9	0	13	4	2	700	3005	0	-6.4	13.2	0	13	273	4	700	3011	0	-4.6	12.8	0	21	169	3
850	1451	0	-5.2	7.0	0	23	74	2	850	1463	0	1.8	11.1	0	20	156	2	850	1462	0	2.6	8.9	0	30	163	4
1007	* 103		2.5	6.3					1007	* 84		6.8	2.9					1005	* 88		10.1	4.2				
<b>EUROPE - IRELAND</b> <b>VALENTIA OBSERVATORY</b> 03953 APR 2003 5156N 01015W OB 3								<b>EUROPE - ICELAND</b> <b>KEFLAVIKURFLUGVOLLUR</b> 04018 APR 2003 6358N 02236W OB 3								<b>EUROPE - GREENLAND</b> <b>AASIAAT (EGEDESMINDE)</b> 04220 APR 2003 6842N 05251W OB 3										
030	23754	0	-56.4	29.9	0	57	92	3	030	23786	4	-53.2	28.8	4	30	177	4	030	23626	0	-50.8	30.0	0	43	220	8
050	20516	0	-56.7	29.7	0	23	137	1	050	20503	1	-53.0	28.0	1	44	212	5	050	20306	0	-51.2	29.8	0	53	221	8
100	16123	0	-56.4	29.3	0	40	230	3	100	16037	0	-52.7	28.2	0	73	215	10	100	15798	0	-50.7	29.9	0	68	214	9
150	13537	0	-54.5	26.8	0	43	234	5	150	13415	0	-52.0	26.8	0	74	217	13	150	13152	0	-50.0	30.1	0	68	211	9
200	11703	0	-55.7	19.8	0	36	234	6	200	11560	0	-54.7	20.4	0	74	212	16	200	11271	0	-50.0	28.0	0	66	210	10
300	9098	0	-48.3	12.5	0	27	207	6	300	8964	0	-50.7	9.4	0	61	210	19	300	8646	0	-52.7	13.2	0	56	209	12
500	5547	0	-22.1	13.1	0	30	175	5	500	5434	0	-25.5	9.4	0	63	208	13	500	5238	0	-34.1	7.5	0	54	199	9
700	2989	0	-5.3	12.4	0	32	170	4	700	2934	0	-10.2	6.5	0	62	198	9	700	2806	0	-19.2	9.7	0	54	180	5
850	1442	0	2.6	7.9	0	43	165	5	850	1414	0	-2.5	3.9	0	62	173	7	850	1343	0	-13.2	6.4	0	48	168	3
1010	* 30		11.0	4.9					1008	* 54		5.9	3.6					1007	* 41		-7.3	2.8				
<b>EUROPE - DENMARK &amp; FAROE IS.</b> <b>THORSHAVN</b> 06011 APR 2003 6201N 00646W OB 3								<b>EUROPE - BELGIUM</b> <b>UCCLE</b> 06447 APR 2003 5048N 00421E OB 3								<b>EUROPE - SWITZERLAND</b> <b>PAYERNE</b> 06610 APR 2003 4649N 00657E OB 3										
030	23808	0	-54.6	31.4	0	19	100	2	030	23701	3	-56.6	30.9	3	56	45	3	030	23738	0	-56.7		0	38	311	3
050	20535	0	-54.2	30.5	0	15	227	1	050	20500	1	-56.9	30.8	1	45	15	2	050	20511	0	-57.5		0	46	302	3
100	16100	0	-54.3	30.0	0	47	253	4	100	16128	0	-56.5	30.6	0	49	319	4	100	16144	0	-57.2		0	65	302	7
150	13497	0	-53.2	28.9	0	52	258	6	150	13546	0	-54.6	27.1	0	54	320	8	150	13570	0	-55.8		0	66	303	10
200	11656	0	-56.3	19.6	0	44	265	7	200	11716	0	-57.4	17.1	0	48	316	10	200	11746	0	-57.5	10.4	0	65	298	14
300	9066	0	-49.9	10.5	0	30	255	7	300	9124	0	-48.8	10.5	0	43	324	10	300	9151	0	-48.0	10.7	0	54	310	14
500	5538	0	-23.8	13.9	0	35	235	6	500	5574	0	-22.2	12.2	0	28	332	4	500	5589	0	-21.4	16.0	0	42	307	7
700	2996	0	-6.7	14.1	0	25	213	3	700	3016	0	-5.9	17.0	0	7	348	1	700	3024	0	-5.5	14.7	0	21	236	2
850	1457	0	.7	10.1	0	20	170	3	850	1475	0	1.7	10.3	0	2	240	0	850	1474	0	4.1	7.0	0	10	173	1
1010	* 55		7.4	2.7					1005	* 104		8.8	6.3					958	* 491		9.8	6.6				

# UPPER AIR

# APRIL 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>EUROPE - FRANCE</b> <b>NANCY/ESSEY</b> 07180 APR 2003 4841N 00613E OB 3																											
030									030									030	23754	9	-55.8						
050					2	87	306	10	050	20527	9	-58.4		9	75	290	6	050	20527	3	-58.6			6	55	301	6
100	16022				0	83	310	10	100	16176	3	-58.8		3	79	287	10	100	16183	2	-59.1			4	81	284	11
150	13497				0	66	312	10	150	13614	2	-57.1		2	80	283	14	150	13623	0	-57.0			1	84	288	16
200	11722				0	44	320	10	200	11806	2	-59.0		2	76	284	18	200	11813	1	-58.4			1	76	287	16
300	9166	0	-49.5		0	36	330	8	300	9214	2	-46.9		2	63	285	13	300	9215	0	-46.6			1	72	291	18
500	5626	0	-22.8	12.6	0	39	326	6	500	5631	2	-19.7	13.8	3	48	282	6	500	5625	0	-19.6	15.0	1	63	285	10	
700	3072	0	-5.8	16.3	0	25	313	3	700	3042	2	-2.2	13.3	3	32	285	3	700	3038	0	-2.8	15.0	0	57	284	6	
850	1525	0	2.9	11.4	0	6	276	1	850	1476	2	5.7	8.9	3	11	79	1	850	1474	0	6.4	9.3	0	36	262	3	
998	* 217		5.9	5.0					1008	* 62		10.9	4.4					1014	* 9		17.3	6.4					
<b>EUROPE - SPAIN</b> <b>LA CORUNA</b> 08001 APR 2003 4322N 00825W OB 3																											
030	23742	29	-57.1	27.2	9	13	243	1	030	23726	3	-56.7		4	34	263	1	030	23782	1	-56.5	30.5	2	38	262	2	
050	20404	20	-59.8	26.9	9	52	251	2	050	20502	1	-58.3		2	62	254	2	050	20557	0	-58.6	29.4	0	65	265	3	
100	16044	16	-60.0	26.9	9	64	269	4	100	16180	1	-58.5		2	67	263	4	100	16227	0	-59.2	26.7	0	77	267	6	
150	13508	13	-58.6	23.8	9	66	263	6	150	13596	0	-57.2		2	74	257	6	150	13678	0	-58.3	20.6	0	73	269	7	
200	11706	11	-59.2	16.1	9	62	259	9	200	11811	0	-59.0		1	65	262	8	200	11871	0	-58.8	14.5	0	61	276	9	
300	9120	11	-48.1	10.4	9	53	250	8	300	9192	0	-47.0	13.0	0	45	261	6	300	9263	0	-45.5	11.9	0	46	264	6	
500	5559	8	-21.2	15.7	9	55	240	5	500	5592	0	-20.3	13.6	0	40	255	3	500	5651	0	-17.5	15.8	0	45	258	4	
700	2992	3	-5.1	12.4	6	41	222	3	700	3017	0	-4.2	13.1	0	25	233	2	700	3050	0	-1.6	13.5	0	30	252	2	
850	1443	3	2.9	7.3	8	36	193	2	850	1463	0	4.1	8.4	0	34	200	2	850	1482	0	6.6	7.2	0	21	218	1	
1005	* 67		14.0	5.2					1009	* 59		14.5	4.5					942	* 633		13.4	7.9					
<b>EUROPE - SPAIN</b> <b>MURCIA</b> 08430 APR 2003 3800N 00110W OB 3																											
030	23770	28	-56.4	31.6	9	65	279	3	030	23800	0	-56.3	28.8	1	55	270	4	030	23768	26	-55.3						
050	20564	14	-59.6	29.8	9	69	266	3	050	20581	0	-59.3	25.2	1	61	259	5	050	20549	17	-57.6						
100	16256	2	-60.7	28.7	4	88	269	8	100	16285	0	-61.7	21.1	1	88	265	17	100	16225	2	-59.4						
150	13720	2	-58.9	23.9	4	82	273	9	150	13756	0	-59.4	16.5	1	89	261	25	150	13674	2	-57.4						
200	11915	2	-58.7	16.1	2	71	277	10	200	11959	0	-58.5	12.3	0	80	267	23	200	11865	2	-59.0						
300	9303	1	-44.7	12.2	1	57	273	8	300	9335	0	-43.3	10.8	0	70	270	19	300	9251	2	-44.6	4.2					
500	5678	1	-17.1	16.6	2	53	271	5	500	5695	0	-16.1	16.4	0	65	261	11	500	5637	2	-18.1	15.7					
700	3070	1	-7	13.6	1	55	262	3	700	3074	0	1.1	17.8	0	67	251	8	700	3042	2	-2.2	13.1					
850	1494	1	8.0	9.7	1	32	287	1	850	1490	0	8.2	10.8	0	39	231	4	850	1480	2	4.1	5.4					
1008	* 62		17.6	9.0					1015	* 4		16.5	4.8					1003	* 113		14.5	6.9					
<b>EUROPE - GIBRALTAR</b> <b>GIBRALTAR</b> 08495 APR 2003 3609N 00520W OB 3																											
030	23800	0	-56.3	28.8	1	55	270	4	030	23800	0	-56.3	28.8	1	55	270	4	030	23768	26	-55.3						
050	20581	0	-59.3	25.2	1	61	259	5	050	20581	0	-59.3	25.2	1	61	259	5	050	20549	17	-57.6						
100	16285	0	-61.7	21.1	1	88	265	17	100	16285	0	-61.7	21.1	1	88	265	17	100	16225	2	-59.4						
150	13756	0	-59.4	16.5	1	89	261	25	150	13756	0	-59.4	16.5	1	89	261	25	150	13674	2	-57.4						
200	11959	0	-58.5	12.3	0	80	267	23	200	11959	0	-58.5	12.3	0	80	267	23	200	11865	2	-59.0						
300	9335	0	-43.3	10.8	0	70	270	19	300	9335	0	-43.3	10.8	0	70	270	19	300	9251	2	-44.6	4.2					
500	5695	0	-16.1	16.4	0	65	261	11	500	5695	0	-16.1	16.4	0	65	261	11	500	5637	2	-18.1	15.7					
700	3074	0	1.1	17.8	0	67	251	8	700	3074	0	1.1	17.8	0	67	251	8	700	3042	2	-2.2	13.1					
850	1490	0	8.2	10.8	0	39	231	4	850	1490	0	8.2	10.8	0	39	231	4	850	1480	2	4.1	5.4					
1015	* 4		16.5	4.8					1015	* 4		16.5	4.8					1003	* 113		14.5	6.9					
<b>EUROPE - PORTUGAL</b> <b>LAJES/SANTA RITA (ACORES)</b> 08508 APR 2003 3844N 02704W OB 3																											
030	23768	26	-55.3						030	23768	26	-55.3						030	23768	26	-55.3						
050	20549	17	-57.6						050	20549	17	-57.6						050	20549	17	-57.6						
100	16225	2	-59.4						100	16225	2	-59.4						100	16225	2	-59.4						
150	13674	2	-57.4						150	13674	2	-57.4						150	13674	2	-57.4						
200	11865	2	-59.0						200	11865	2	-59.0						200	11865	2	-59.0						
300	9251	2	-44.6	4.2					300	9251	2	-44.6	4.2					300	9251	2	-44.6	4.2					
500	5637	2	-18.1	15.7					500	5637	2	-18.1	15.7					500	5637	2	-18.1	15.7					
700	3042	2	-2.2	13.1					700	3042	2	-2.2	13.1					700	3042	2	-2.2	13.1					
850	1480	2	4.1	5.4					850	1480	2	4.1	5.4					850	1480	2	4.1	5.4					
1003	* 113		14.5	6.9					1003	* 113		14.5	6.9					1003	* 113		14.5	6.9					

# UPPER AIR

# APRIL 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>EUROPE - GERMANY SCHLESWIG</b> 10035 APR 2003 5432N 00933E OB 3									<b>EUROPE - GERMANY GREIFSWALD</b> 10184 APR 2003 5406N 01324E OB 3									<b>EUROPE - GERMANY EMDEN-FLUGPLATZ</b> 10200 APR 2003 5323N 00714E OB									
030	23758	0	-55.9		0	65	66	5	030	23753	0	-55.5		1	71	67	5	030	23758	0	-56.0		0	70	67	5	
050	20511	0	-56.1		0	63	49	4	050	20506	0	-56.2		0	59	49	3	050	20516	0	-56.6		0	54	44	3	
100	16101	0	-55.2	30.6	0	44	353	4	100	16089	0	-54.8	30.5	0	42	345	4	100	16115	0	-55.6	30.3	0	43	343	4	
150	13504	0	-53.5	28.1	0	52	340	7	150	13485	0	-53.0	27.5	0	53	339	7	150	13522	0	-53.9	27.5	0	48	333	7	
200	11659	0	-56.2	19.8	0	50	339	10	200	11634	0	-55.4	20.3	0	50	344	10	200	11683	0	-56.7	19.2	0	46	330	9	
300	9066	0	-49.7	11.6	0	42	352	11	300	9036	0	-49.7	12.2	0	48	353	12	300	9091	0	-49.2	13.1	0	44	344	11	
500	5538	0	-24.0	13.2	0	35	352	7	500	5515	0	-25.1	13.0	0	41	347	7	500	5552	0	-23.2	14.0	0	35	345	6	
700	3000	0	-8.4	16.6	0	24	354	3	700	2989	0	-9.5	15.3	0	21	326	2	700	3005	0	-7.5	18.0	0	26	339	3	
850	1472	0	-.4	10.7	0	1	70	0	850	1467	0	-1.1	9.8	0	6	354	1	850	1471	0	.7	12.1	0	4	231	0	
1013	* 48		7.6	6.2					1018	* 6		7.5	5.1						1018	* 5		9.0	6.1				
<b>EUROPE - GERMANY BERGEN</b> 10238 APR 2003 5249N 00956E OB									<b>EUROPE - GERMANY LINDENBERG</b> 10393 APR 2003 5213N 01407E OB 3									<b>EUROPE - GERMANY ESSEN</b> 10410 APR 2003 5124N 00658E OB 3									
030	23721	0	-56.0		2	63	65	4	030	23740	0	-55.6		0	56	64	3	030	23712	0	-56.4	29.1	0	47	52	2	
050	20486	0	-57.0		2	52	49	3	050	20498	0	-56.8		0	57	23	3	050	20493	0	-57.1	28.7	0	36	25	2	
100	16090	0	-55.6	9.1	1	43	327	3	100	16087	0	-54.9	31.8	0	54	334	4	100	16104	0	-56.1	28.4	0	49	331	5	
150	13498	0	-53.8	8.8	0	55	330	7	150	13484	0	-53.1	31.0	0	59	334	8	150	13518	0	-54.8	26.3	0	53	327	8	
200	11657	0	-56.1	8.1	0	52	334	10	200	11634	0	-54.8	22.5	0	56	336	10	200	11684	0	-57.3	18.1	0	51	321	10	
300	9063	0	-49.0	8.0	0	50	347	12	300	9031	0	-49.5	14.1	0	46	349	11	300	9091	0	-48.9	12.4	0	48	333	11	
500	5533	0	-24.1	8.8	0	39	347	7	500	5516	0	-25.6	11.2	0	42	337	7	500	5551	0	-23.1	13.1	0	40	337	7	
700	3000	0	-8.4	9.6	0	24	343	3	700	2992	0	-9.4	13.9	0	24	335	3	700	3004	0	-7.5	15.3	0	21	340	2	
850	1471	0	.0	6.6	0	4	186	0	850	1468	0	-.8	7.9	0	10	306	1	850	1469	0	.7	9.6	0	13	276	1	
1010	* 69		8.7	7.9					1004	* 104		9.2	8.6						999	* 153		10.3	9.0				
<b>EUROPE - GERMANY MEININGEN</b> 10548 APR 2003 5034N 01023E OB 3									<b>EUROPE - GERMANY STUTTART/SCHNARRENBERG</b> 10739 APR 2003 4850N 00912E OB 3									<b>EUROPE - GERMANY MUENCHEN-OBERSCHLEISSHEIM</b> 10868 APR 2003 4815N 01133E OB 3									
030	23749	0	-55.6		0	31	51	1	030	23735	0	-56.4	31.0	0	24	339	1	030	23729	0	-56.4		0	29	340	1	
050	20508	0	-56.6		0	51	357	2	050	20503	0	-57.2	30.7	0	38	339	2	050	20497	0	-57.1		0	51	338	3	
100	16109	0	-55.7	30.2	0	61	324	6	100	16118	0	-56.5	30.8	0	64	317	6	100	16109	0	-56.1	30.2	0	72	311	7	
150	13516	0	-54.1	28.6	0	61	322	8	150	13534	0	-54.9	28.8	0	64	311	9	150	13523	0	-54.5	28.5	0	72	308	10	
200	11675	0	-56.1	20.7	0	55	324	11	200	11702	0	-56.7	20.7	0	62	314	13	200	11684	0	-55.7	21.1	0	66	313	14	
300	9074	0	-49.1	13.8	0	48	339	11	300	9106	0	-49.0	12.7	0	51	325	13	300	9083	0	-49.2	12.6	0	50	323	13	
500	5541	0	-24.2	13.6	0	39	332	7	500	5562	0	-23.0	15.2	0	44	323	8	500	5547	0	-23.9	12.6	0	40	312	7	
700	3003	0	-8.1	13.7	0	29	307	3	700	3015	0	-7.3	13.6	0	26	301	3	700	3009	0	-7.9	12.4	0	42	290	4	
850	1471	0	.5	7.9	0	10	265	1	850	1476	0	1.9	9.0	0	18	158	1	850	1472	0	2.3	8.9	0	15	271	1	
964	* 453		8.1	8.0					979	* 315		10.5	11.1						959	* 489		9.0	8.2				

# UPPER AIR

# APRIL 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 - AUSTRIA</b> WIEN/HOHE WARTE 11035 APR 2003 4814N 01621E OB 3									<b>EUROPE - CZECH REPUBLIC</b> PRAHA-LIBUS 11520 APR 2003 5000N 01427E OB 3									<b>EUROPE - SLOVAKIA</b> POPRAD-GANOVCE 11952 APR 2003 4902N 02019E OB 3								
030	23707	8	-56.2		8	23	305	1	030	23726	0	-55.9	31.3	0	36	355	2	030	23709	0	-55.9	30.7	0	16	335	1
050	20474	5	-57.0		5	54	312	2	050	20490	0	-56.8	31.2	0	54	340	3	050	20472	0	-56.8	30.7	0	49	311	2
100	16084	4	-55.6		4	80	307	6	100	16092	0	-55.3	31.9	0	67	325	6	100	16070	0	-55.0	31.5	0	79	306	5
150	13490	4	-53.8		4	77	308	9	150	13494	0	-53.3	31.2	0	69	318	8	150	13468	0	-52.9	31.6	0	75	304	7
200	11645	4	-54.5		4	72	308	11	200	11647	0	-54.7	23.9	0	63	321	12	200	11615	0	-53.9	25.4	0	68	303	10
300	9045	4	-50.2		4	53	316	12	300	9044	0	-49.6	13.4	0	47	331	11	300	9016	0	-50.6	11.0	0	50	299	10
500	5526	0	-24.7	10.8	0	52	310	8	500	5526	0	-25.1	11.9	0	42	327	7	500	5510	0	-25.7	10.5	0	43	303	6
700	2997	0	-8.8	10.3	0	56	312	5	700	2999	0	-9.0	12.4	0	37	304	4	700	2990	0	-9.6	11.2	0	29	290	3
850	1467	0	1.2	6.1	0	39	310	3	850	1471	0	.4	6.6	0	21	300	2	850	1464	0	.2	6.6	0	11	263	1
992	* 200		10.7	7.3					981	* 303		9.1	9.0					934	* 706		5.8	7.8				
<b>EUROPE - POLAND</b> LEBA 12120 APR 2003 5445N 01732E OB 3									<b>EUROPE - POLAND</b> LEGIONOWO 12374 APR 2003 5224N 02058E OB 3									<b>EUROPE - POLAND</b> WROCLAW I 12425 APR 2003 5108N 01659E OB 3								
030	23732	0	-55.2	31.3	0	56	71	5	030	23714	0	-55.6	31.3	0	48	71	3	030	23701	0	-56.0	29.4	0	46	26	2
050	20483	0	-56.0	31.2	0	56	42	4	050	20470	0	-56.5	31.3	0	54	23	3	050	20465	0	-56.8	29.1	0	51	356	3
100	16062	0	-54.1	31.9	0	50	348	4	100	16057	0	-54.3	31.9	0	50	325	3	100	16062	0	-54.8	30.2	0	63	329	4
150	13450	0	-52.1	31.8	0	49	346	6	150	13444	0	-52.3	32.5	0	51	325	5	150	13459	0	-52.8	30.0	0	61	325	6
200	11593	0	-54.2	23.4	0	47	342	8	200	11586	0	-53.6	25.4	0	48	321	7	200	11606	0	-54.2	23.4	0	54	326	9
300	8990	0	-49.7	12.6	0	44	348	11	300	8979	0	-50.1	13.6	0	37	325	8	300	9004	0	-50.1	11.8	0	34	334	8
500	5487	0	-26.7	11.5	0	31	338	5	500	5485	0	-26.9	10.7	0	33	322	5	500	5501	0	-26.4	11.0	0	33	323	5
700	2975	0	-10.4	13.7	0	29	332	3	700	2975	0	-10.4	10.6	0	29	309	3	700	2987	0	-10.2	12.3	0	25	325	2
850	1458	0	-2.1	7.3	0	19	308	2	850	1457	0	-2.0	4.9	0	19	309	2	850	1466	0	-1.2	5.3	0	20	323	2
1018	* 2		5.6	5.0					1005	* 96		7.8	7.6					1003	* 116		8.6	7.8				
<b>EUROPE - HUNGARY</b> BUDAPEST/LORINC 12843 APR 2003 4726N 01911E OB 3									<b>EUROPE - HUNGARY</b> SZEGED 12982 APR 2003 4615N 02006E OB									<b>EUROPE - YUGOSLAVIA</b> BEOGRAD/KOSUTNJAK 13275 APR 2003 4446N 02025E OB 1								
030	23728	3	-55.9		4	36	287	2	030	23719	4	-56.0		4	44	276	3	030								
050	20490	2	-57.0		2	68	296	4	050	20484	3	-57.1		3	67	289	4	050								
100	16092	1	-55.4		1	90	301	7	100	16091	2	-55.6		2	92	300	8	100	16104	0	-56.1		0	89	285	8
150	13493	1	-53.4		2	86	300	9	150	13496	2	-53.6		2	92	299	11	150	13514	0	-53.8		0	90	290	12
200	11643	0	-54.4		0	80	298	11	200	11648	2	-54.1		2	89	298	13	200	11668	0	-54.4		0	87	290	15
300	9042	0	-50.1	11.9	0	49	300	10	300	9047	2	-50.3	10.0	2	58	295	11	300	9067	0	-49.7		0	64	287	12
500	5527	0	-25.2	11.5	0	54	301	7	500	5533	1	-25.1	11.9	1	65	304	8	500	5540	0	-24.2	14.1	0	71	299	8
700	3000	0	-8.9	9.9	0	41	287	4	700	3004	1	-8.7	6.6	1	36	306	3	700	3005	0	-7.8	9.2	0	42	297	4
850	1469	0	1.1	8.1	0	13	303	1	850	1470	1	1.6	8.1	1	21	320	2	850	1467	0	2.2	7.5	0	24	312	2
999	* 139		11.1	10.9					1006	* 83		6.7	4.7					992	* 203		9.1	6.8				

# UPPER AIR

# APRIL 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>EUROPE - CROATIA</b> ZAGREB/MAKSIMIR 14240 APR 2003 4549N 01602E OB 3									<b>EUROPE - ROMANIA</b> BUCURESTI/IMH 15420 APR 2003 4430N 02608E OB 1									<b>EUROPE - BULGARIA</b> SOFIA (OBSERV.) 15614 APR 2003 4239N 02323E OB 0									
030	23722	0	-56.2		0	45	303	3	030										030	23734	18	-56.0	26.8	9	59	255	5
050	20483	0	-57.3		0	62	307	4	050										050	20506	5	-57.1	26.4	5	82	261	6
100	16105	0	-56.4		0	88	296	8	100	16107	2	-56.4	30.3	2	92	270	9	100	16125	0	-57.1	26.5	0	90	279	10	
150	13521	0	-54.6		0	88	300	11	150	13516	1	-53.8	30.7	2	83	271	12	150	13544	0	-54.4	26.6	0	85	276	14	
200	11678	0	-55.1		0	85	301	15	200	11667	1	-54.6	23.0	1	79	274	13	200	11707	0	-55.2	20.9	0	82	282	17	
300	9077	0	-49.8		0	62	306	13	300	9082	0	-50.1	9.4	0	61	274	12	300	9107	0	-48.7	11.4	0	65	276	14	
500	5550	0	-23.9	11.8	0	52	306	7	500	5555	0	-24.0	9.6	0	59	282	7	500	5559	0	-22.3	11.5	0	53	280	7	
700	3013	0	-8.0	8.9	0	30	306	3	700	3021	0	-9.0	9.5	0	24	344	2	700	3012	0	-7.5	9.4	0	7	286	1	
850	1477	0	1.8	6.8	0	17	343	2	850	1489	0	1.5	8.7	0	37	53	3	850	1472	0	3.1	7.2	0	26	4	2	
1002	* 128		11.5	8.9					1007	* 91		7.1	5.5					946	* 595		12.3	11.8					
<b>EUROPE - ITALY</b> MILANO/LINATE 16080 APR 2003 4526N 00917E OB 3									<b>EUROPE - ITALY</b> PRATICA DI MARE 16245 APR 2003 4139N 01226E OB 3									<b>EUROPE - ITALY</b> BRINDISI 16320 APR 2003 4039N 01757E OB 3									
030	23729	1	-56.4	26.8	1	46	298	3	030	23690	0	-56.8	26.5	0	50	291	4	030	23734	0	-56.3	29.6	0	55	263	4	
050	20500	0	-57.4	25.9	0	54	296	3	050	20471	0	-58.3	25.9	0	73	287	5	050	20507	0	-58.3	28.7	2	82	283	6	
100	16129	0	-57.0	25.9	0	76	299	8	100	16126	0	-58.6	25.4	0	93	287	11	100	16155	0	-58.0	28.7	2	92	279	13	
150	13554	0	-55.5	24.2	0	75	305	12	150	13569	0	-57.3	22.9	0	93	286	16	150	13588	0	-55.9	27.1	2	91	282	18	
200	11727	0	-56.9	16.6	0	72	304	15	200	11756	0	-58.1	15.2	0	87	290	19	200	11762	0	-56.7	19.1	0	86	288	20	
300	9136	0	-48.4	9.6	0	62	303	14	300	9165	0	-47.6	9.9	0	81	292	19	300	9162	0	-47.4	11.8	0	79	287	20	
500	5579	0	-21.5	14.6	0	45	302	7	500	5596	0	-20.7	14.4	0	74	295	13	500	5592	0	-21.2	16.1	0	75	294	12	
700	3017	0	-5.7	9.4	0	20	280	2	700	3023	0	-4.3	14.8	0	47	290	4	700	3026	0	-4.7	13.7	0	54	302	5	
850	1470	0	3.5	5.9	0	24	89	2	850	1467	0	4.9	7.7	0	24	248	2	850	1472	0	4.6	7.7	0	28	320	2	
1003	* 103		14.0	7.6					1010	* 32		14.0	6.6					1015	* 10		14.4	5.5					
<b>EUROPE - ITALY</b> CAGLIARI/ELMAS 16560 APR 2003 3915N 00904E OB /									<b>EUROPE - TURKEY</b> SAMSUN 17030 APR 2003 4117N 03618E OB 3									<b>EUROPE - TURKEY</b> ISTANBUL/GOZTEPE 17062 APR 2003 4058N 02905E OB 3									
030	23751	1	-56.3	30.5	1	65	289	5	030									030	23738	6	-56.6	27.6	8	62	250	5	
050	20528	0	-59.2	29.6	0	69	281	5	050									050	20503	4	-57.6	28.0	5	87	259	8	
100	16202	0	-59.7	28.7	0	91	282	14	100	16140	0	-57.2	27.3					100	16134	4	-57.4	28.1	5	91	262	13	
150	13654	0	-57.8	24.9	0	90	283	19	150	13562	0	-55.0	25.4					150	13557	2	-54.9	27.6	6	89	268	16	
200	11846	0	-58.4	16.9	0	83	280	19	200	11738	0	-56.8	15.7					200	11721	1	-56.1	18.1	6	79	269	19	
300	9246	0	-46.5	9.7	0	72	280	15	300	9143	0	-48.4	10.5					300	9121	0	-48.4	11.3	1	63	263	16	
500	5647	0	-18.5	15.9	0	66	276	10	500	5574	0	-20.8	13.8					500	5558	0	-21.6	12.9	1	61	275	9	
700	3050	0	-8	17.1	0	56	281	6	700	3006	0	-4.2	8.5	0	67	245	7	700	2996	0	-5.1	13.3	1	44	285	4	
850	1476	0	7.5	12.6	0	13	254	1	850	1451	0	3.3	8.9	0	37	274	3	850	1447	0	2.8	9.9	1	25	358	2	
1014	* 5		15.6	4.2					1014	* 4		6.8	2.9					1009	* 33		7.8	3.8					



# UPPER AIR

# APRIL 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 - TURKEY</b> <b>ANKARA/CENTRAL</b> 17130 APR 2003 3957N 03253E OB 3								<b>EUROPE - TURKEY</b> <b>IZMIR/GUZELYALT</b> 17220 APR 2003 3826N 02710E OB 3								<b>EUROPE - TURKEY</b> <b>ISPARTA</b> 17240 APR 2003 3745N 03033E OB 3										
030	23745	1	-56.6	28.2	1	68	267	5	030	23739	3	-56.2	31.9	3	64	266	5	030	23775	6	-56.8	28.3	6	75	251	6
050	20517	0	-57.8	27.6	0	86	248	8	050	20514	2	-58.9	31.0	2	91	257	9	050	20543	2	-58.4	26.0	2	88	241	9
100	16156	0	-57.5	27.4	0	93	257	14	100	16171	2	-58.0	30.8	3	93	262	16	100	16202	1	-58.1	25.0	2	95	259	18
150	13580	0	-55.2	24.2	0	93	257	18	150	13604	2	-55.7	28.9	4	93	271	23	150	13635	0	-55.4	22.6	3	93	268	21
200	11746	0	-56.5	16.4	0	86	263	21	200	11770	1	-56.6	22.0	4	85	272	26	200	11802	0	-56.3	15.5	3	87	268	25
300	9154	0	-48.0	10.3	0	68	255	18	300	9166	1	-47.4	12.5	1	75	272	21	300	9197	0	-47.3	9.5	2	66	265	18
500	5582	0	-20.7	11.2	0	67	248	11	500	5587	1	-20.0	15.7	1	71	275	13	500	5609	0	-19.3	10.8	1	68	260	12
700	3011	0	-4.4	6.8	0	64	249	7	700	3008	1	-3.5	13.3	2	38	278	4	700	3024	0	-3.5	7.7	1	49	256	6
850	1454	0	5.2	7.1	0	19	254	1	850	1450	1	4.5	9.1	2	20	354	2	850	1463	0	5.6	5.4	2	17	267	1
910	* 891		7.0	4.8					1010	* 29		11.0	4.0					900	* 997		6.3	3.4				
<b>EUROPE - TURKEY</b> <b>DIYARBAKIR</b> 17280 APR 2003 3753N 04012E OB 3								<b>EUROPE - CYPRUS</b> <b>ATHALASSA</b> 17607 APR 2003 3509N 03324E OB 2								<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>MURMANSK</b> 22113 APR 2003 6859N 03307E OB 3										
030	23766	5	-57.3	28.6	8	71	260	5	030									030	23754	7	-53.3	31.6	7	39	345	7
050	20545	1	-59.0	27.7	5	74	261	7	050									050	20447	6	-51.9	31.9	6	53	334	7
100	16218	1	-59.0	26.6	6	96	249	21	100	16273	1	-60.5		2	97	264	23	100	15938	2	-51.1	32.1	2	82	319	9
150	13654	1	-55.6	24.6	7	95	251	26	150	13722	0	-56.8	29.0	0	97	262	31	150	13296	0	-50.6	31.2	0	78	307	9
200	11831	0	-57.1	16.0	6	91	255	27	200	11899	0	-57.1	22.9	0	93	263	32	200	11426	0	-51.9	26.3	0	65	306	9
300	9228	0	-46.8	11.8	3	79	253	23	300	9279	0	-45.2	17.6	0	86	265	26	300	8801	0	-51.5	13.9	0	60	296	13
500	5636	0	-18.7	13.2	3	79	253	15	500	5666	0	-17.4	18.9	0	82	260	17	500	5361	0	-32.1	10.5	0	60	292	10
700	3042	0	-1.6	8.5	3	75	240	10	700	3057	0	.1	19.4	0	73	251	10	700	2910	0	-16.8	10.2	0	58	304	7
850	1465	0	9.3	9.3	2	35	199	2	850	1474	0	10.0	14.7	0	62	246	5	850	1431	0	-8.9	7.0	0	55	300	6
934	* 677		10.9	5.3					993	* 161		20.9	10.0					1004	* 121		-2.4	5.0				
<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>ARHANGEL'SK</b> 22550 APR 2003 6437N 04030E OB 3								<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>ST. PETERBURG (VOEJKOVO)</b> 26063 APR 2003 5957N 03042E OB 3								<b>EUROPE - LATVIA</b> <b>RIGA</b> 26422 APR 2003 5658N 02403E OB										
030	23735	6	-54.8	21.9	6	58	322	9	030	23743	7	-53.8	30.0	7	32	30	4	030								
050	20466	6	-54.4	21.5	6	70	312	9	050	20482	3	-54.9	29.1	3	50	26	4	050	20484	15	-55.7	27.9	9	59	30	4
100	16020	4	-53.0	21.1	4	78	301	8	100	16033	0	-53.0	28.5	0	54	318	4	100	16051	15	-53.1	28.3	9	40	347	3
150	13404	3	-52.5	19.4	3	73	295	8	150	13406	0	-51.4	26.9	0	41	315	4	150	13428	15	-51.3	26.0	9	33	340	4
200	11551	3	-54.1	15.8	3	54	289	7	200	11542	0	-52.7	21.9	0	35	319	5	200	11563	15	-53.1	18.5	9	32	349	5
300	8953	3	-50.8	9.8	3	30	273	7	300	8930	0	-50.4	12.6	0	20	305	4	300	8954	15	-50.6	11.5	9	29	342	6
500	5463	3	-27.4	11.9	3	35	251	6	500	5455	0	-28.1	10.2	0	21	323	3	500	5461	15	-27.1	11.0	9	27	346	4
700	2966	3	-12.7	9.2	3	28	238	3	700	2960	0	-12.4	10.0	0	5	289	0	700	2955	15	-11.3	10.7	9	30	349	3
850	1464	3	-5.5	7.5	3	20	238	2	850	1456	0	-4.7	6.7	0	4	134	0	850	1444	15	-3.4	8.0	9	29	319	2
1021	* 4		.5	5.3					1010	* 78		2.1	5.7					1014	* 26		1.5	2.4				

# UPPER AIR

# APRIL 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 - RUSSIAN FEDERATION (EUROPE) VOLOGDA 27037 APR 2003 5919N 03955E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) KAZAN' 27595 APR 2003 5536N 04917E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 APR 2003 5545N 03757E OB 0								
030	23712	19	-51.8	13.8	9	16	37	2	030	23772	16	-52.8	11.8	9	40	310	4	030	23756	7	-52.4	14.3	7	19	301	2
050	20435	13	-54.8	12.3	9	48	332	4	050	20474	14	-54.2	10.8	9	57	273	5	050	20478	3	-54.8	14.6	3	40	295	2
100	16003	5	-54.0	10.7	5	49	294	5	100	16022	12	-54.6	9.4	9	73	271	7	100	16046	3	-53.2	14.6	3	54	267	4
150	13379	3	-52.2	9.5	3	52	276	5	150	13431	11	-53.7	8.0	9	72	259	9	150	13417	3	-50.9	14.1	3	56	251	6
200	11528	2	-53.4	7.8	2	40	264	5	200	11584	8	-55.5	7.0	8	66	252	9	200	11547	2	-51.7	12.3	2	50	238	7
300	8922	2	-50.1	6.5	2	34	243	7	300	8997	6	-51.3	6.2	6	59	243	10	300	8939	2	-50.3	8.8	2	47	232	11
500	5442	2	-27.8	8.9	1	38	232	6	500	5509	5	-27.1	7.6	5	56	238	7	500	5445	2	-27.0	8.2	2	54	231	9
700	2953	1	-12.3	5.7	1	30	210	3	700	3003	5	-11.1	8.3	5	60	232	7	700	2948	2	-11.8	7.0	2	57	226	7
850	1445	0	-4.2	3.7	0	19	215	2	850	1488	5	-2.6	8.3	5	52	238	5	850	1444	4	-4.3	3.3	2	38	225	3
1003	* 126		-3	2.8					1008	* 116		1.8	4.3					994	* 200		3.1	5.3				
EUROPE - RUSSIAN FEDERATION (EUROPE) ROSTOV-NA-DONU 34731 APR 2003 4715N 03949E OB 3									EUROPE - ISRAEL BET DAGAN 27595 APR 2003 5536N 04917E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV DIKSON 20674 APR 2003 7330N 08024E OB 3								
030	23716	8	-55.0	12.7	8	60	246	5	030									030								
050	20476	5	-55.9	11.5	5	74	245	7	050									050	20398	9	-48.1		9	54	4	9
100	16095	3	-55.4	10.0	3	91	246	11	100	16326	0	-63.9		3	97	259	31	100	15821	4	-48.9		4	70	342	12
150	13503	3	-53.1	9.2	3	87	246	12	150	13815	0	-58.9		1	97	260	38	150	13159	2	-49.1		2	77	335	13
200	11647	1	-54.7	7.8	1	83	250	13	200	11999	0	-57.0		0	94	262	38	200	11270	2	-48.5		2	77	336	13
300	9060	0	-50.6	7.9	1	69	243	14	300	9366	0	-42.7	11.9	0	92	262	31	300	8609	2	-50.1		1	63	331	14
500	5532	0	-23.9	10.5	0	63	228	9	500	5717	0	-15.4	14.2	0	89	257	20	500	5189	1	-35.2	5.3	1	63	330	11
700	2995	0	-8.2	12.4	0	45	201	5	700	3087	0	2.5	17.4	0	83	248	11	700	2768	2	-20.4	5.7	1	54	330	7
850	1468	0	-7	9.9	0	37	148	4	850	1492	0	11.7	15.5	0	61	245	5	850	1310	1	-14.2	4.6	1	56	335	6
1009	* 78		8.9	9.0					1009	* 35		19.3	7.0					1004	* 47		-14.8	2.5				
ASIA - RUSSIAN FEDERATION (IN ASIA) NAR'JAN-MAR 23205 APR 2003 6738N 05302E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) SALEHARD 23330 APR 2003 6632N 06640E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) TURUHANSK 23472 APR 2003 6547N 08756E OB 3								
030	23642	1	-54.0	19.0	3	59	336	13	030	23615	6	-51.6	11.7	6	56	339	10	030	23500	5	-50.3	11.7	5	44	6	7
050	20359	0	-54.2	17.6	1	68	327	13	050	20313	2	-53.4	10.5	2	68	331	13	050	20180	3	-52.2	10.8	3	64	337	10
100	15907	0	-53.0	18.6	0	81	311	13	100	15856	1	-52.9	8.8	1	74	321	14	100	15710	1	-53.5	9.1	1	80	319	13
150	13288	0	-52.5	17.0	0	79	307	13	150	13242	1	-52.1	8.1	1	75	317	15	150	13103	0	-52.7	7.7	0	78	317	14
200	11437	0	-54.3	13.5	1	72	301	13	200	11386	0	-53.7	6.8	0	67	317	16	200	11249	0	-53.1	6.5	0	74	312	14
300	8833	0	-50.9	12.6	0	50	301	11	300	8785	0	-50.7	5.7	0	54	320	16	300	8641	0	-52.4	4.8	0	66	306	14
500	5365	0	-30.1	8.3	0	53	302	9	500	5325	0	-30.2	6.0	0	55	322	13	500	5231	0	-34.6	5.3	0	55	301	9
700	2894	0	-15.4	8.6	1	59	300	8	700	2861	0	-16.0	6.4	0	63	314	10	700	2810	0	-19.8	5.3	0	67	289	8
850	1409	0	-9.3	7.2	1	69	308	8	850	1385	0	-10.4	4.6	0	66	312	9	850	1348	0	-13.2	5.0	0	67	285	7
1017	* 12		-7.5	3.2					1014	* 16		-6.7	3.9					1008	* 38		-8.6	6.3				

# UPPER AIR

# APRIL 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>SYKTYVKAR</b> 23804 APR 2003 6140N 05051E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HANTY-MANSIJSK</b> 23933 APR 2003 6101N 06902E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OLENEK</b> 24125 APR 2003 6830N 11226E OB 3								
030	23790	17	-52.7	22.4	9	38	339	5	030									030	23441	1	-46.8	14.9	1	23	188	5
050	20482	16	-52.5	22.8	9	40	292	5	050	20260	22	-59.4		9	90	344	19	050	20081	1	-49.4	12.4	1	9	260	2
100	16011	11	-52.4	21.0	9	78	289	8	100	15902	21	-57.2		9	88	337	19	100	15583	0	-53.5	10.0	0	38	298	4
150	13391	6	-52.0	19.1	8	81	278	10	150	13335	20	-55.2		9	81	337	19	150	12973	0	-52.6	8.5	0	46	303	5
200	11529	5	-54.2	14.6	5	73	277	10	200	11498	19	-55.5		9	72	329	22	200	11118	0	-52.7	7.0	0	47	300	6
300	8919	5	-51.4	10.2	5	65	262	15	300	8919	17	-48.0		9	73	332	24	300	8525	0	-55.4	4.7	0	45	295	9
500	5436	4	-28.2	11.4	4	63	256	11	500	5395	15	-27.2	7.8	9	76	324	19	500	5148	0	-35.7	5.4	0	50	290	7
700	2944	4	-12.9	7.7	4	56	259	7	700	2899	12	-14.0	6.8	9	84	323	14	700	2735	0	-20.6	4.6	0	49	291	5
850	1442	4	-5.1	7.9	4	32	258	3	850	1412	13	-9.2	6.3	9	83	327	9	850	1282	0	-13.9	3.4	0	40	292	3
1004	* 116		2.1	8.2					1013	* 46		-3.3	4.3					979	* 220		-11.2	3.4				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHOJANSK</b> 24266 APR 2003 6734N 13324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>TURA</b> 24507 APR 2003 6416N 10014E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JAKUTSK</b> 24959 APR 2003 6201N 12943E OB 0								
030	23552	1	-45.1	16.9	1	59	185	14	030	23454	14	-51.3	10.9	9	62	279	10	030	23561	6	-44.8	14.4	6	61	189	12
050	20142	1	-46.9	14.6	1	56	195	11	050	20150	13	-53.7	9.7	9	79	286	13	050	20160	3	-47.6	12.0	3	65	210	10
100	15604	0	-51.9	11.4	0	57	207	6	100	15687	11	-55.0	9.5	9	81	299	13	100	15631	1	-51.9	9.4	1	75	252	9
150	12980	0	-52.4	9.7	0	45	222	4	150	13108	10	-54.1	7.1	9	76	303	13	150	13009	0	-52.3	7.8	0	74	272	9
200	11122	0	-52.7	8.0	0	26	224	2	200	11263	10	-54.4	6.1	9	77	301	14	200	11152	0	-52.6	6.3	0	72	283	9
300	8529	0	-55.7	5.1	0	14	193	2	300	8683	10	-54.4	4.5	9	79	293	18	300	8566	0	-56.0	4.1	0	69	292	14
500	5163	0	-36.6	6.0	0	21	204	2	500	5274	9	-33.5	5.0	9	77	292	13	500	5198	0	-36.4	4.1	0	78	293	10
700	2759	0	-21.0	5.5	0	38	220	3	700	2836	9	-18.1	6.1	9	72	296	8	700	2791	0	-20.4	4.2	0	82	285	8
850	1305	0	-13.4	5.2	0	42	216	3	850	1367	9	-11.6	5.1	9	58	300	6	850	1329	0	-10.7	5.3	0	66	280	5
990	* 138		-10.9	5.7					990	* 168		-10.9	4.6					995	* 101		-3.8	7.5				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SEJMCHAN</b> 25703 APR 2003 6255N 15225E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KORF</b> 25954 APR 2003 6021N 16600E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHNEE DUBROVO</b> 28445 APR 2003 5644N 06104E OB 0								
030	23712	9	-46.4	15.3	9	67	189	11	030	23816	13	-47.4	15.4	9	76	183	9	030	23695	0	-55.0	10.6	1	68	333	9
050	20312	5	-46.2	14.1	6	75	200	13	050	20449	8	-47.1	13.7	9	84	191	11	050	20446	0	-56.3	9.8	0	73	312	9
100	15729	3	-48.8	11.4	3	85	209	11	100	15860	7	-47.2	9.9	7	88	207	11	100	16036	0	-55.4	8.8	0	77	293	11
150	13072	2	-50.1	9.5	2	86	213	9	150	13183	4	-48.3	8.7	5	86	219	10	150	13441	0	-54.2	7.7	0	78	287	11
200	11200	1	-51.3	7.6	1	84	207	8	200	11297	4	-49.8	6.1	4	74	223	7	200	11604	0	-57.1	6.4	0	68	287	12
300	8592	1	-54.5	4.6	1	72	187	12	300	8673	3	-53.1	3.7	3	17	229	3	300	9033	0	-50.9	6.4	0	43	293	8
500	5199	0	-35.4	5.5	0	45	188	5	500	5243	1	-31.0	4.2	1	4	143	0	500	5531	0	-26.2	9.9	0	49	292	7
700	2779	0	-20.1	6.2	0	18	37	1	700	2786	1	-16.7	4.6	1	15	116	1	700	3016	0	-10.2	9.6	0	49	290	5
850	1319	0	-12.8	6.4	0	40	20	2	850	1303	1	-9.7	3.8	2	25	78	2	850	1496	0	-1.9	8.9	0	56	285	5
982	* 205		-10.0	5.6					1004	* 4		-4.8	4.6					988	* 290		4.0	7.7				

# UPPER AIR

# APRIL 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>OMSK</b> 28698 APR 2003 5456N 07324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KOLPASEVO</b> 29231 APR 2003 5819N 08254E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>EMEL'JANOVO</b> 29572 APR 2003 5611N 09237E OB 0								
030	23624	0	-54.8	12.0	0	82	312	9	030	23523	10	-53.6	11.5	9	85	309	11	030	23463	0	-53.7	30.1	0	72	285	9
050	20376	0	-56.8	11.0	0	91	303	12	050	20264	10	-56.5	10.3	9	92	312	13	050	20201	0	-56.9	28.8	0	86	291	13
100	15998	0	-55.7	9.9	0	87	293	15	100	15875	6	-55.5	9.2	9	90	302	15	100	15816	0	-57.0	27.8	0	95	291	17
150	13406	0	-54.1	8.7	0	85	293	16	150	13280	6	-54.0	7.9	8	86	305	17	150	13238	0	-55.6	26.2	0	93	291	18
200	11573	0	-56.6	7.6	0	75	293	16	200	11432	5	-55.1	6.6	6	78	305	19	200	11406	0	-56.2	19.3	0	87	290	18
300	8992	0	-50.6	7.0	0	57	297	14	300	8839	5	-51.0	5.9	5	65	301	21	300	8832	0	-53.5	10.9	0	63	293	16
500	5495	0	-26.3	9.6	0	54	302	10	500	5366	5	-30.1	6.4	5	65	294	17	500	5390	0	-30.9	7.3	0	63	284	13
700	2990	0	-11.1	9.2	0	54	303	7	700	2903	4	-16.0	6.0	4	68	295	12	700	2926	0	-15.3	6.8	0	79	277	11
850	1481	0	-3.5	8.5	0	51	300	6	850	1423	4	-9.5	6.6	4	70	297	9	850	1436	0	-7.2	6.2	0	78	270	10
1012	* 90		2.2	6.4					1010	* 75		-4.7	4.3					993	* 206		.6	6.8				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KIRENSK</b> 30230 APR 2003 5746N 10804E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>CHITA</b> 30758 APR 2003 5205N 11329E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ALDAN</b> 31004 APR 2003 5837N 12522E OB 3								
030	23484	0	-49.9	12.5	0	62	255	9	030	23561	1	-51.5	13.0	1	81	254	13	030	23520	13	-46.8	13.2	9	69	214	13
050	20172	0	-53.5	10.7	0	79	270	11	050	20275	1	-54.2	11.5	1	88	268	16	050	20166	3	-50.3	11.6	3	81	239	12
100	15748	0	-55.5	9.1	0	92	282	16	100	15865	0	-55.5	9.8	0	92	279	20	100	15682	1	-52.8	9.3	1	83	266	13
150	13158	0	-54.3	8.0	0	91	285	16	150	13276	0	-54.3	8.5	0	94	280	22	150	13070	1	-53.3	7.7	1	85	279	14
200	11324	0	-55.4	6.4	0	91	288	18	200	11447	0	-56.3	6.9	0	92	283	23	200	11224	1	-54.2	6.2	1	82	287	14
300	8753	0	-54.9	5.1	0	82	286	20	300	8879	0	-52.9	6.3	0	85	291	24	300	8656	1	-56.3	4.6	1	79	288	17
500	5336	0	-32.5	6.4	0	80	285	15	500	5419	0	-28.5	8.8	0	86	296	14	500	5270	1	-34.4	5.3	1	82	292	12
700	2887	0	-17.0	5.7	0	79	276	10	700	2932	0	-12.2	9.1	0	81	301	9	700	2843	1	-18.8	4.7	1	83	296	8
850	1403	0	-7.1	6.6	0	79	268	8	850	1420	0	-1.2	14.0	0	68	304	5	850	1371	1	-7.8	6.5	1	69	276	6
982	* 259		-3	6.5					933	* 671		1.9	11.1					928	* 79		-3.1	7.5				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OHOTSK</b> 31088 APR 2003 5922N 14312E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>BLAGOVESCHENSK</b> 31510 APR 2003 5032N 12730E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HABAROVSK</b> 31736 APR 2003 4832N 13514E OB 3								
030	23703	11	-47.1	13.4	9	87	206	12	030	23680	23	-50.8	12.0	9	96	239	14	030								
050	20318	11	-47.1	12.5	9	91	222	13	050	20384	19	-51.9	11.7	9	96	248	17	050								
100	15737	10	-48.8	10.6	9	88	236	11	100	15912	17	-53.0	11.0	9	96	265	19	100	15955	7	-54.1	9.3	7	96	270	22
150	13078	10	-49.9	9.0	9	84	246	9	150	13301	14	-52.3	10.0	9	97	268	21	150	13356	5	-52.5	8.4	5	94	274	24
200	11196	9	-50.7	7.6	9	85	263	10	200	11436	14	-52.4	8.4	9	94	271	22	200	11514	2	-53.2	7.4	2	91	279	30
300	8588	6	-54.3	5.1	6	62	287	9	300	8835	13	-53.2	7.2	9	80	273	21	300	8897	2	-49.4	6.5	2	85	284	27
500	5203	6	-36.5	5.9	6	55	292	7	500	5401	11	-30.3	9.7	9	73	282	11	500	5412	1	-28.3	9.5	1	81	293	12
700	2792	6	-20.8	5.9	6	46	337	3	700	2923	11	-13.4	10.5	9	59	284	7	700	2919	1	-11.8	8.7	1	70	289	7
850	1327	6	-10.4	7.0	6	55	340	3	850	1418	11	-3.5	12.2	9	47	289	5	850	1400	2	-3	11.4	1	75	270	7
1006	* 6		-3.2	4.0					992	* 177		4.3	12.1					1001	* 72		6.6	9.8				

# UPPER AIR

# APRIL 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>VLADIVOSTOK (SAD GOROD)</b> 31977 APR 2003 4316N 13203E OB 3																										
030	23778	9	-52.5	13.9	9	91	237	7	030	23776	10	-50.8	12.7	9	90	229	8	030	23842	5	-48.9	15.8	5	83	196	7
050	20504	8	-55.4	12.7	8	94	262	13	050	20457	4	-51.9	11.7	4	96	253	14	050	20479	3	-48.4	14.4	4	88	222	10
100	16109	7	-56.2	10.2	7	97	272	28	100	16000	1	-53.2	10.1	1	95	264	23	100	15933	0	-50.0	12.3	1	94	245	16
150	13530	1	-54.8	9.0	1	95	274	34	150	13380	1	-51.8	9.0	1	94	269	27	150	13280	0	-49.0	10.5	0	93	256	17
200	11709	0	-54.7	7.6	0	94	270	39	200	11520	1	-52.2	7.3	1	92	270	31	200	11393	0	-49.6	8.6	0	91	259	19
300	9079	0	-45.7	7.4	0	88	276	34	300	8904	0	-49.0	6.2	0	88	270	29	300	8762	0	-50.9	6.9	0	74	267	18
500	5511	0	-22.7	10.3	0	88	285	19	500	5405	0	-27.1	8.5	0	82	278	14	500	5287	0	-29.3	8.0	0	63	276	11
700	2974	0	-7.7	8.2	0	80	289	9	700	2908	0	-11.5	8.1	0	71	288	8	700	2808	0	-14.4	8.5	0	50	296	6
850	1441	0	2.1	11.1	0	50	294	5	850	1397	0	-2.5	8.2	0	56	283	6	850	1316	0	-7.6	7.0	0	52	311	5
1003	* 82		7.4	7.5					1009	* 24		3.0	4.5					994	* 84		.5	8.0				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ORENBURG</b> 35121 APR 2003 5141N 05506E OB 3																										
030	23757	3	-55.8	13.4	3	88	304	9	030	23775	15	-56.0	24.3	9	26	319	2	030	23797	9	-55.5	24.1	9	9	299	1
050	20525	1	-56.7	12.7	1	89	284	10	050	20584	14	-63.5	21.6	9	43	308	2	050	20593	9	-62.1	18.9	9	51	251	3
100	16137	0	-55.5	11.3	0	90	267	12	100	16434	12	-68.2	17.7	9	92	262	22	100	16411	1	-68.1	13.7	3	96	266	28
150	13539	0	-53.7	9.9	0	88	263	13	150	13969	11	-61.4	17.3	9	94	264	36	150	13939	1	-60.9	12.8	2	96	269	41
200	11699	0	-55.3	8.6	0	84	256	14	200	12170	10	-57.0	14.2	9	92	264	37	200	12137	1	-55.8	11.8	2	94	270	43
300	9099	0	-48.4	8.3	0	62	257	11	300	9521	7	-39.3	14.4	8	90	257	26	300	9474	1	-39.6	13.4	1	95	267	31
500	5566	0	-23.8	10.4	0	36	254	4	500	5815	6	-11.8	17.9	6	91	254	15	500	5776	1	-12.0	19.4	1	94	262	17
700	3037	0	-9.0	8.9	0	13	241	1	700	3143	6	8.0	18.6	6	83	242	10	700	3112	1	6.4	20.8	1	83	247	8
850	1514	3	-7	11.9	0	20	191	2	850	1509	6	19.8	20.7	6	46	223	3	850	1489	1	17.9	20.0	1	46	232	3
1010	* 117		9.4	12.0					969	* 358		27.2	20.3					925	* 768		23.6	21.7				
<b>ASIA - SAUDI ARABIA</b> <b>HAIL</b> 40394 APR 2003 2726N 04141E OB 3																										
030	23825	6	-56.0	25.5	6	21	66	1	030	23809	5	-56.1	23.7	5	13	78	1	030	23822	5	-55.6	24.2	5	58	81	3
050	20628	6	-63.1	21.2	6	10	299	1	050	20616	5	-64.5	17.6	5	16	296	1	050	20627	5	-64.7	18.4	5	9	9	1
100	16481	2	-69.8	17.1	2	94	262	26	100	16508	1	-71.4	13.7	1	94	262	23	100	16534	1	-72.9	14.1	1	94	262	25
150	14020	1	-61.7	16.2	1	95	266	40	150	14058	1	-62.3	14.0	1	93	269	32	150	14101	1	-63.5	14.2	1	93	268	39
200	12216	1	-55.4	15.1	1	93	265	42	200	12255	1	-55.6	12.2	1	93	268	34	200	12298	0	-54.4	13.3	0	92	270	42
300	9545	1	-38.9	15.7	1	94	263	29	300	9573	1	-37.7	11.8	1	88	263	23	300	9598	0	-36.5	15.4	0	93	266	29
500	5838	1	-11.3	19.6	1	94	253	17	500	5842	1	-10.2	19.8	1	85	264	12	500	5852	0	-9.6	24.7	0	93	252	13
700	3165	1	7.8	16.7	1	93	236	10	700	3157	1	8.9	15.6	1	65	258	7	700	3158	0	9.7	20.7	0	84	228	8
850	1533	1	20.4	21.6	1	22	189	2	850	1513	1	21.2	20.6	1	44	256	3	850	1509	0	22.7	23.2	0	47	250	3
900	*1013		24.9	22.2					1008	* 12		28.7	20.8					938	* 636		30.5	29.5				
<b>ASIA - SAUDI ARABIA</b> <b>KING FAHAD INT. AIRPORT</b> 40417 APR 2003 2627N 04949E OB 3																										
030	23809	5	-56.1	23.7	5	13	78	1	030	23809	5	-56.1	23.7	5	13	78	1	030	23822	5	-55.6	24.2	5	58	81	3
050	20616	5	-64.5	17.6	5	16	296	1	050	20616	5	-64.5	17.6	5	16	296	1	050	20627	5	-64.7	18.4	5	9	9	1
100	16508	1	-71.4	13.7	1	94	262	23	100	16508	1	-71.4	13.7	1	94	262	23	100	16534	1	-72.9	14.1	1	94	262	25
150	14058	1	-62.3	14.0	1	93	269	32	150	14058	1	-62.3	14.0	1	93	269	32	150	14101	1	-63.5	14.2	1	93	268	39
200	12255	1	-55.6	12.2	1	93	268	34	200	12255	1	-55.6	12.2	1	93	268	34	200	12298	0	-54.4	13.3	0	92	270	42
300	9573	1	-37.7	11.8	1	88	263	23	300	9573	1	-37.7	11.8	1	88	263	23	300	9598	0	-36.5	15.4	0	93	266	29
500	5842	1	-10.2	19.8	1	85	264	12	500	5842	1	-10.2	19.8	1	85	264	12	500	5852	0	-9.6	24.7	0	93	252	13
700	3157	1	8.9	15.6	1	65	258	7	700	3157	1	8.9	15.6	1	65	258	7	700	3158	0	9.7	20.7	0	84	228	8
850	1513	1	21.2	20.6	1	44	256	3	850	1513	1	21.2	20.6	1	44	256	3	850	1509	0	22.7	23.2	0	47	250	3
1008	* 12		28.7	20.8					1008	* 12		28.7	20.8					938	* 636		30.5	29.5				

# UPPER AIR

# APRIL 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>ASIA - SAUDI ARABIA</b> <b>KING KHALED INT. AIRPORT</b> 40437 APR 2003 2456N 04643E OB 3									<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>KERMAN</b> 40841 APR 2003 3015N 05658E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>JEDDAH (KING ABDUL AZIZ INT.)</b> 41024 APR 2003 2142N 03911E OB 3										
030	23842	8	-55.2	24.7	8	32	76	2	030	23758	6	-55.8						030	23783	6	-54.8	24.3	6	73	97	5		
050	20641	7	-64.1	17.9	7	36	137	2	050	20557	4	-63.0						050	20588	6	-65.2	17.6	6	43	101	2		
100	16545	2	-72.4	14.0	2	91	261	23	100	16391	2	-68.3						100	16542	1	-75.6	11.8	1	91	262	20		
150	14108	2	-62.8	14.3	2	94	268	36	150	13926	1	-62.7						150	14136	1	-64.5	13.1	1	92	272	31		
200	12305	2	-54.9	13.9	2	92	270	36	200	12137	1	-57.6	14.6					200	12338	1	-53.7	13.8	1	91	273	35		
300	9605	2	-36.0	13.6	2	89	263	24	300	9481	0	-40.3	12.5					300	9620	1	-34.5	15.0	1	90	272	26		
500	5855	2	-9.1	20.6	2	89	253	12	500	5792	0	-11.9	16.1					500	5852	1	-7.7	24.1	1	91	259	10		
700	3162	2	9.5	14.8	2	71	239	7	700	3128	0	7.4	13.4					700	3149	1	10.9	20.3	1	71	204	6		
850	1514	2	22.4	20.5	2	63	181	5	825	*1754		11.8	11.2					850	1497	1	21.8	17.4	1	65	180	4		
942	* 612		29.8	25.7														1007	* 17		29.2	10.4						
<b>ASIA - SAUDI ARABIA</b> <b>ABHA</b> 41112 APR 2003 1814N 04239E OB									<b>ASIA - UNITED ARAB EMIRATES</b> <b>ABU DHABI INTER. AIRPORT</b> 41217 APR 2003 2426N 05439E OB 3									<b>ASIA - OMAN</b> <b>SEEB, INTERNATIONAL AIRPORT</b> 41256 APR 2003 2335N 05817E OB 1										
030	23743	12	-55.5	24.4	9	91	94	8	030	23753	27	-56.1			9	70	63	5	030	23812	21	-55.2	9.7	9	39	113	6	
050	20574	12	-66.8	17.6	9	56	86	3	050	20575	11	-64.9			0	9	298	1	050	20619	9	-59.4	21.3	9	19	50	5	
100	16578	10	-77.8	10.6	9	73	259	11	100	16511	1	-74.0			0	92	264	19	100	16564	2	-73.9	19.6	2	92	263	19	
150	14203	8	-65.9	12.3	9	88	274	18	150	14085	0	-63.5			0	94	268	29	150	14138	2	-63.3	17.9	2	96	269	28	
200	12412	8	-53.3	13.3	8	82	279	20	200	12287	0	-55.3	14.9		0	89	273	28	200	12336	2	-55.0	16.0	2	95	275	27	
300	9676	6	-32.5	14.4	6	79	272	14	300	9592	0	-36.1	15.1		0	84	271	20	300	9629	1	-36.0	17.0	1	85	274	21	
500	5871	3	-6.6	19.4	3	59	276	5	500	5845	0	-9.1	19.9		0	69	272	8	500	5874	1	-8.0	33.0	1	58	295	12	
700	3157	4	11.9	11.9	4	59	208	3	700	3155	0	9.4	19.8		0	44	285	4	700	3175	1	10.0	19.9	1	47	321	8	
795	*2093		21.0	13.8					850	1508	0	22.5	25.5		0	44	288	3	850	1525	1	22.7	27.8	1	68	286	6	
									1006	* 27		29.3	12.2					1009	* 8		26.4	17.8						
<b>ASIA - OMAN</b> <b>SALALAH</b> 41316 APR 2003 1702N 05405E OB 3									<b>ASIA - BANGLADESH</b> <b>DHAKA</b> 41923 APR 2003 2346N 09023E OB /									<b>ASIA - INDIA</b> <b>SRINAGAR</b> 42027 APR 2003 3405N 07450E OB 3										
030	23756	20	-56.0	32.0	9	88	87	7	030	23781	21	-57.1			9	67	80	5	030									
050	20574	6	-66.5	23.9	8	23	119	2	050	20598	19	-65.8			9	31	49	2	050									
100	16580	4	-78.6	17.0	4	52	252	7	100	16550	19	-74.7			9	82	280	16	100	16431	10	-63.1						
150	14202	4	-66.0	17.4	4	91	268	15	150	14126	19	-62.8			9	88	264	24	150	13926	7	-58.7						
200	12405	4	-53.2	18.0	4	91	274	19	200	12317	19	-53.0			9	92	267	28	200	12107	4	-57.5			9	94	300	18
300	9674	4	-32.6	21.2	4	84	278	13	300	9600	19	-34.8	21.7		9	89	266	21	300	9466	1	-41.1	4.8	9	90	285	18	
500	5869	4	-5.6	33.2	5	33	310	3	500	5834	19	-8.1	26.7		9	93	266	12	500	5806	1	-12.9	6.2	9	71	265	6	
700	3154	3	10.4	26.2	4	61	41	4	700	3140	19	9.1	14.7		9	95	284	13	700	3117	1	5.2	5.5	9	14	130	1	
850	1508	3	20.8	18.5	3	57	162	5	850	1495	19	20.1	11.1		9	85	259	6	841	*1587		12.4	5.2					
1008	* 20		26.6	5.5					9999	* 9		25.3	2.6															

# UPPER AIR

# APRIL 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>ASIA - INDIA</b> <b>NEW DELHI/SAFDARJUNG</b> 42182 APR 2003 2835N 07712E OB 3									<b>ASIA - INDIA</b> <b>JODHPUR</b> 42339 APR 2003 2618N 07301E OB 3									<b>ASIA - INDIA</b> <b>LUCKNOW/AMAUSI</b> 42369 APR 2003 2645N 08053E OB 3										
030	23775	9	-54.8						030									030										
050	20574	5	-62.5						050									050										
100	16454	0	-70.6		4	90	283	20	100	16593	7	-68.9						100	16593	7	-68.9							
150	13998	0	-61.3		1	91	279	25	150	14118	2	-59.7						150	14118	2	-59.7							
200	12186	0	-54.4		0	86	283	23	200	12293	1	-52.5	2.4					200	12293	1	-52.5	2.4						
300	9511	0	-39.4		0	84	290	15	300	9580	0	-36.7	7.2					300	9580	0	-36.7	7.2						
500	5803	0	-10.8	16.4	0	83	291	8	500	5863	0	-7.9	13.4	6	90	281	18	500	5836	0	-9.3	12.2	2	98	275	15		
700	3121	0	8.8	16.3	0	83	297	7	700	3156	0	11.3	14.2	0	68	251	4	700	3139	0	10.4	16.7	0	92	285	13		
850	1475	0	22.7	23.5	0	69	307	4	850	1501	2	26.4	20.6	0	57	253	3	850	1481	0	24.0	18.4	0	75	301	8		
974	* 216		29.8	19.0					981	* 224		32.1	26.5					989	* 128		30.0	15.8						
<b>ASIA - INDIA</b> <b>GAUHATI</b> 42410 APR 2003 2606N 09135E OB 3									<b>ASIA - INDIA</b> <b>PATNA</b> 42492 APR 2003 2536N 08506E OB 3									<b>ASIA - INDIA</b> <b>AHMADABAD</b> 42647 APR 2003 2304N 07238E OB 3										
030									030									030										
050									050									050										
100									100	16496	3	-72.5						100	14167	8	-61.6							
150									150	14061	1	-63.3						150	12347	4	-52.7							
200	12212	4	-56.0						200	12253	0	-54.4						200	9632	3	-34.5							
300	9539	1	-36.8						300	9565	0	-37.3						300	5873	2	-7.2							
500	5800	0	-9.1	11.9	0	96	254	21	500	5827	0	-9.2		3	95	278	14	500	5873	2	-7.2							
700	3114	0	7.6	6.5	0	96	256	11	700	3137	0	9.5		0	92	283	13	700	3161	0	11.0	6.1	0	70	258	5		
850	1480	0	18.1	4.0	0	91	258	4	850	1487	0	23.3	13.6	0	83	288	7	850	1504	0	24.5	19.7	0	67	273	2		
1002	* 54		24.3	3.5					999	* 60		29.2	11.6					1000	* 55		33.0	18.1						
<b>ASIA - INDIA</b> <b>CALCUTTA/DUM DUM</b> 42809 APR 2003 2239N 08827E OB 3									<b>ASIA - INDIA</b> <b>BHUBANESWAR</b> 42971 APR 2003 2015N 08550E OB 3									<b>ASIA - INDIA</b> <b>BOMBAY/SANTACRUZ</b> 43003 APR 2003 1907N 07251E OB 3										
030									030									030										
050	20666	10	-60.2						050									050										
100	16517	0	-74.4						100	16592	0	-75.1			0	75	261	11	100	16705	3	-73.5			4	68	257	7
150	14103	0	-64.7						150	14191	0	-64.7			0	89	264	22	150	14274	1	-62.5			1	83	263	16
200	12304	0	-54.8						200	12385	0	-53.2			0	92	260	24	200	12455	1	-51.0			1	82	258	20
300	9602	0	-35.3		2	93	268	32	300	9652	0	-32.6			0	95	267	20	300	9697	0	-31.4			0	73	268	14
500	5842	0	-8.4	10.8	0	93	279	14	500	5859	0	-7.3	9.9	0	82	277	9	500	5884	0	-5.6			0	47	261	4	
700	3147	0	9.9	10.6	0	97	294	11	700	3156	0	10.4	9.2	0	77	297	5	700	3166	0	12.1			0	60	197	3	
850	1492	0	23.3	11.9	0	82	271	5	850	1496	0	24.0	13.3	0	71	265	4	850	1501	0	24.6	18.4	0	75	322	4		
1005	* 6		30.0	6.1					1001	* 46		29.0	5.0					1005	* 14		28.7	6.6						

# UPPER AIR

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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 APR 2003 1727N 07828E OB 3									<b>ASIA - INDIA</b> <b>MADRAS/MINAMBAKKAM</b> 43279 APR 2003 1300N 08011E OB 3									<b>ASIA - INDIA</b> <b>MANGALORE/PANAMBUR</b> 43285 APR 2003 1257N 07450E OB 3								
030									030									030								
050	20618	9	-60.5		9	85	85	6	050									050								
100	16592	0	-77.2		0	41	259	4	100									100	16645	1	-77.8					
150	14204	0	-66.4		0	89	264	14	150	14226	5	-66.9		5	81	257	10	150	14253	0	-65.6					
200	12399	0	-54.1		0	92	261	19	200	12375	3	-53.6		3	94	249	12	200	12453	0	-51.9					
300	9673	0	-33.0		0	83	261	19	300	9656	2	-31.1		2	85	241	8	300	9694	0	-30.1		6	69	252	7
500	5873	0	-6.4	10.6	0	64	280	4	500	5863	2	-5.5	6.4	2	44	82	3	500	5868	0	-5.8	12.4	1	26	21	2
700	3162	0	11.5	9.2	0	45	30	2	700	3149	1	9.9	13.8	1	82	50	7	700	3155	0	9.8	5.9	0	88	79	6
850	1494	0	25.7	14.7	0	39	173	2	850	1503	1	20.6	12.1	1	78	140	4	850	1504	0	20.8	6.5	0	43	16	1
946	* 545		31.6	15.7					1006	* 16								1005	* 31		29.9	5.3				
<b>ASIA - INDIA</b> <b>PORT BLAIR</b> 43333 APR 2003 1140N 09243E OB 3									<b>ASIA - INDIA</b> <b>MINICOY</b> 43369 APR 2003 0818N 07309E OB 3									<b>ASIA - INDIA</b> <b>THIRUVANANTHAPURAM</b> 43371 APR 2003 0829N 07657E OB 3								
030									030									030								
050	20690	7	-63.9		7	42	109	3	050									050								
100	16622	0	-78.5		0	35	127	3	100									100	16538	2	-81.0		2	51	110	3
150	14257	0	-66.9		0	63	213	5	150	14269	2	-66.1		2	68	262	7	150	14186	1	-69.4		0	64	266	6
200	12462	0	-52.6		0	77	247	6	200	12468	0	-51.2		0	66	236	6	200	12412	0	-55.0		0	66	247	6
300	9709	0	-30.1		0	55	248	4	300	9709	0	-28.6		0	41	185	3	300	9683	1	-31.5	8.5	0	48	203	3
500	5868	0	-3.7	19.0	0	53	118	2	500		0	-2.6	10.6	0	62	73	4	500	5860	0	-5.6	9.6	0	66	81	4
700	3148	0	10.5	15.6	0	84	91	5	700		0	12.9	8.0	0	91	82	6	700	3141	0	10.3	8.7	0	94	64	7
850	1502	0	22.7	10.9	0	63	81	2	850	1505	0	22.3	4.3	0	55	61	2	850	1492	0	19.9	3.0	0	50	51	2
1000	* 79		27.5	3.9					1008	* 2		30.0	4.4					1001	* 64		28.3	3.6				
<b>ASIA - HONG KONG, CHINA</b> <b>KING'S PARK</b> 45004 APR 2003 2219N 11410E OB 1									<b>ASIA - REPUBLIC OF KOREA</b> <b>OSAN AB</b> 47122 APR 2003 3706N 12702E OB 3									<b>ASIA - REPUBLIC OF KOREA</b> <b>POHANG</b> 47138 APR 2003 3602N 12923E OB 3								
030	23783	1	-55.2	30.3	1	86	96	6	030	23835	1	-54.0	20.8	1	66	256	4	030	23809	0	-54.6		0	57	254	3
050	20602	0	-65.5	21.2	0	46	80	2	050	20595	0	-59.4	19.1	0	93	266	10	050	20582	0	-60.7		0	91	267	9
100	16585	0	-77.6	12.1	0	90	255	13	100	16306	0	-62.3	17.9	0	97	271	30	100	16326	0	-63.5		0	96	271	30
150	14201	0	-65.8	14.1	0	96	260	24	150	13772	0	-58.2	18.0	0	97	269	39	150	13809	0	-59.0		0	97	270	40
200	12402	0	-53.1	14.4	0	97	265	25	200	11953	0	-56.6	16.9	0	94	268	40	200	11998	0	-56.5		0	95	267	42
300	9666	0	-31.8	19.9	0	95	261	21	300	9309	0	-41.7	14.6	0	88	269	31	300	9349	0	-41.0	10.8	0	90	270	32
500	5856	0	-6.1	24.7	0	91	257	14	500	5646	0	-15.6	15.4	0	90	272	21	500	5676	0	-14.6	16.7	0	88	270	21
700	3151	0	9.3	11.0	1	83	245	8	700	3033	0	-1.2	15.0	0	69	278	9	700	3052	0	-1.1	19.0	0	76	272	10
850	1512	0	16.8	3.8	0	86	205	7	850	1467	0	5.5	9.3	0	37	272	4	850	1477	0	6.4	14.7	0	31	267	3
1005	* 66		22.4	2.7					1009	* 52		10.9	6.2					1015	* 6		13.2	7.5				



# UPPER AIR

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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>ASIA - REPUBLIC OF KOREA</b> <b>KWANGJU AB</b> 47158 APR 2003 3507N 12649E OB 3									<b>ASIA - JAPAN</b> <b>WAKKANAI</b> 47401 APR 2003 4525N 14141E OB 2									<b>ASIA - JAPAN</b> <b>SAPPORO</b> 47412 APR 2003 4303N 14120E OB 2										
030	23860	0	-54.1	25.7	0	53	262	3	030	23777	2	-51.7			2	87	238	7	030	23786	0	-53.0			0	86	239	7
050	20622	0	-60.4	23.1	0	93	269	9	050	20480	1	-53.6			1	95	254	13	050	20512	0	-55.5			0	96	255	13
100	16366	0	-63.9	22.1	0	97	270	30	100	16044	0	-54.5			0	94	264	24	100	16114	0	-56.8			0	95	267	27
150	13855	0	-59.1	21.4	0	97	270	41	150	13444	0	-52.8			0	95	269	30	150	13535	0	-54.4			0	94	267	33
200	12036	0	-56.2	19.7	0	95	266	42	200	11589	0	-53.2			0	94	267	36	200	11692	0	-54.1			0	93	269	40
300	9376	0	-40.2	17.0	0	92	269	31	300	8965	0	-48.3			0	91	272	33	300	9059	0	-45.9			0	87	268	36
500	5687	0	-13.7	19.3	0	89	269	20	500	5443	0	-26.0	12.6	0	81	278	16	500	5496	0	-23.2	10.4	0	88	274	20		
700	3052	0	1.2	14.4	0	76	269	11	700	2935	0	-10.9	10.3	0	68	284	9	700	2960	0	-8.5	12.1	0	70	283	10		
850	1472	0	7.4	12.8	0	34	271	3	850	1416	0	-1.2	10.3	0	58	272	6	850	1431	0	-1	9.1	0	56	284	6		
1014	* 13		12.3	5.5					1012	* 11		4.8	3.8						1010	* 26		7.9	6.9					
<b>ASIA - JAPAN</b> <b>NEMURO</b> 47420 APR 2003 4320N 14535E OB 2									<b>ASIA - JAPAN</b> <b>AKITA</b> 47582 APR 2003 3943N 14006E OB 2									<b>ASIA - JAPAN</b> <b>WAJIMA</b> 47600 APR 2003 3723N 13654E OB 2										
030	23789	2	-53.0		2	85	240	6	030	23795	5	-54.0			5	74	250	5	030	23800	2	-54.9			2	71	258	5
050	20516	2	-55.2		2	94	256	12	050	20545	1	-58.1			3	92	263	12	050	20571	1	-59.8			1	92	260	10
100	16110	0	-56.2		0	95	266	25	100	16209	0	-59.7			0	96	269	29	100	16286	0	-61.9			0	96	269	29
150	13528	0	-54.5		0	95	266	33	150	13663	0	-57.6			0	95	267	36	150	13758	0	-58.7			0	96	269	39
200	11685	0	-54.3		0	93	267	40	200	11838	0	-55.7			0	92	269	41	200	11944	0	-56.6			0	93	269	43
300	9056	0	-45.9		0	90	267	37	300	9195	0	-42.6			0	83	270	37	300	9295	0	-41.2			0	90	268	37
500	5484	0	-22.8	9.6	0	89	268	20	500	5572	0	-19.7	15.8	0	90	270	23	500	5635	0	-16.5	14.0	0	91	272	24		
700	2947	0	-8.7	12.0	0	69	275	9	700	3000	0	-5.0	14.1	0	79	273	11	700	3032	0	-2.6	21.7	0	82	265	12		
850	1420	0	-8	7.6	0	57	288	6	850	1454	0	2.2	7.4	0	70	261	7	850	1470	0	4.9	10.2	1	62	241	7		
1009	* 39		2.5	2.6					1014	* 7		9.7	4.1						1014	* 14		10.3	3.6					
<b>ASIA - JAPAN</b> <b>TATENO</b> 47646 APR 2003 3603N 14008E OB 2									<b>ASIA - JAPAN</b> <b>HACHIJOJIMA/OMURE</b> 47678 APR 2003 3307N 13947E OB 2									<b>ASIA - JAPAN</b> <b>YONAGO</b> 47744 APR 2003 3526N 13321E OB 2										
030	23809	5	-55.3		6	30	274	2	030	23808	3	-55.8			3	34	331	2	030	23801	3	-55.4			3	62	264	4
050	20579	4	-59.9		4	89	262	9	050	20601	0	-62.5			1	89	258	8	050	20588	2	-60.9			3	90	265	9
100	16324	0	-63.5		0	95	268	29	100	16405	0	-67.2			0	95	271	29	100	16344	0	-63.9			0	96	270	30
150	13810	0	-60.1		0	94	269	40	150	13927	0	-61.5			1	95	271	40	150	13836	0	-59.4			0	96	270	40
200	12004	0	-56.9		0	92	270	43	200	12126	0	-56.4			1	93	269	41	200	12027	0	-56.2			0	94	269	42
300	9351	0	-40.2		0	89	268	36	300	9455	0	-38.4	8.7	1	93	266	31	300	9370	0	-40.1			0	94	268	32	
500	5670	0	-14.5	16.5	0	85	270	23	500	5740	0	-11.8	14.1	0	89	264	21	500	5687	0	-14.0	14.9	0	88	271	21		
700	3047	0	-5	10.5	1	78	264	11	700	3086	0	3.3	15.4	1	86	259	13	700	3057	0	.4	15.5	0	83	271	13		
850	1474	0	6.5	6.8	0	43	257	4	850	1494	0	8.7	11.3	2	61	265	7	850	1480	0	6.9	8.9	0	59	263	6		
1011	* 31		12.5	4.6					998	* 153		15.7	3.7						1015	* 8		13.3	5.1					

# UPPER AIR

# APRIL 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>SHIONOMISAKI</b> 47778 APR 2003 3327N 13546E OB 2									<b>ASIA - JAPAN</b> <b>FUKUOKA</b> 47807 APR 2003 3335N 13023E OB 2									<b>ASIA - JAPAN</b> <b>KAGOSHIMA</b> 47827 APR 2003 3133N 13033E OB 2								
030	23812	4	-55.6		4	40	315	2	030	23808	2	-55.4		2	48	275	2	030	23799	1	-56.1		2	43	308	2
050	20602	0	-62.5		3	84	257	8	050	20597	1	-61.3		1	87	260	8	050	20607	0	-63.0		0	79	258	5
100	16401	0	-66.5		0	95	270	30	100	16394	0	-66.8		0	97	270	30	100	16450	0	-69.1		0	96	270	29
150	13918	0	-60.8		0	96	270	41	150	13906	0	-60.3		0	97	269	41	150	13984	0	-61.1		0	97	269	41
200	12112	0	-55.7		0	95	268	41	200	12097	0	-55.6		0	96	267	41	200	12172	0	-54.4		0	95	270	40
300	9441	0	-38.5		0	93	268	31	300	9428	0	-38.8		1	94	267	31	300	9489	0	-37.5	9.4	0	94	267	29
500	5732	0	-12.4	16.5	0	92	266	21	500	5724	0	-12.1	17.3	0	87	269	19	500	5762	0	-11.3	15.6	0	93	267	19
700	3083	0	3.0	16.3	0	80	266	11	700	3076	0	2.1	16.2	0	82	269	11	700	3098	0	4.6	15.7	0	87	267	12
850	1494	0	8.5	5.8	0	44	261	4	850	1488	0	8.8	7.5	0	49	242	5	850	1497	0	10.6	12.7	0	30	270	3
1007	* 75		15.8	4.3					1013	* 15		16.0	6.4					1011	* 31		17.8	5.7				
<b>ASIA - JAPAN</b> <b>NAZE/FUNCHATOGE</b> 47909 APR 2003 2823N 12933E OB 2									<b>ASIA - JAPAN</b> <b>ISHIGAKIJIMA</b> 47918 APR 2003 2420N 12410E OB 2									<b>ASIA - JAPAN</b> <b>NAHA</b> 47936 APR 2003 2612N 12741E OB 2								
030	23807	1	-56.3		1	40	3	2	030	23796	3	-55.5		3	46	61	2	030	23806	4	-55.8		4	48	360	2
050	20621	0	-64.8		0	51	252	3	050	20618	3	-66.0		3	50	153	2	050	20624	3	-65.7		4	28	185	1
100	16524	0	-72.2		0	95	270	24	100	16589	0	-76.4		0	94	266	16	100	16564	0	-74.8		1	95	269	22
150	14092	0	-63.0		1	97	267	36	150	14191	0	-64.5		0	97	267	26	150	14152	0	-64.0		0	97	267	31
200	12282	0	-53.2		0	96	270	38	200	12384	0	-52.6		0	96	266	28	200	12344	0	-52.7		0	96	269	34
300	9567	0	-34.8	10.3	0	95	269	28	300	9648	0	-31.9	11.6	0	95	270	24	300	9616	0	-33.1	13.1	0	95	272	26
500	5810	0	-9.8	16.4	0	91	265	16	500	5850	0	-6.9	15.2	0	89	258	13	500	5835	0	-8.5	13.8	0	93	262	15
700	3130	0	6.7	14.7	0	89	262	11	700	3148	0	8.6	7.8	0	63	251	6	700	3145	0	7.5	11.8	0	82	253	9
850	1510	0	13.4	12.9	0	63	265	5	850	1517	0	15.6	3.8	0	35	212	3	850	1520	0	15.0	9.3	0	43	262	4
981	* 295		17.7	2.2					1013	* 7		23.6	3.9					1012	* 27		22.2	4.3				
<b>ASIA - JAPAN</b> <b>MINAMIDAITOJIMA</b> 47945 APR 2003 2550N 13114E OB 2									<b>ASIA - JAPAN</b> <b>CHICHIJIMA</b> 47971 APR 2003 2705N 14211E OB 3									<b>ASIA - JAPAN</b> <b>MINAMITORISHIMA</b> 47991 APR 2003 2418N 15358E OB 3								
030	23797	2	-56.4		2	37	356	2	030	23798	0	-56.0		0	28	40	2	030	23812	1	-55.4		1	75	76	4
050	20625	2	-65.7		2	24	197	1	050	20615	0	-65.2		0	23	205	2	050	20628	1	-65.4		1	55	107	3
100	16574	0	-75.1		0	95	270	20	100	16532	0	-74.0		0	91	277	22	100	16574	0	-75.4		0	85	282	15
150	14167	0	-64.1		0	96	267	30	150	14117	0	-63.7		0	92	273	33	150	14172	0	-64.5		0	92	281	24
200	12358	0	-52.5		0	96	270	32	200	12312	0	-53.6		0	90	276	31	200	12371	0	-53.5		0	85	280	23
300	9627	0	-33.1	12.2	0	95	270	26	300	9604	0	-35.1	16.1	0	90	272	21	300	9654	0	-34.3	12.0	0	83	279	15
500	5843	0	-8.2	16.0	0	92	268	14	500	5843	0	-8.6	18.7	0	89	265	12	500	5878	0	-7.5	17.4	0	60	270	5
700	3153	0	7.6	9.4	0	82	261	8	700	3156	0	7.4	17.7	0	84	257	8	700	3181	0	8.4	17.1	0	2	241	0
850	1526	0	15.1	6.5	1	62	252	4	850	1535	0	14.5	11.9	0	60	246	5	850	1554	0	14.8	7.4	0	50	105	3
1013	* 20		21.4	1.8					1017	* 8		21.2	3.0					1018	* 9		23.6	3.7				

# UPPER AIR

# APRIL 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 - THAILAND</b> <b>UBON RATCHATHANI</b> 48407 APR 2003 1515N 10452E OB 1									<b>ASIA - THAILAND</b> <b>BANGKOK</b> 48455 APR 2003 1344N 10034E OB 1									<b>ASIA - CHINA</b> <b>HAILAR</b> 50527 APR 2003 4913N 11945E OB 3								
030	23825	0	-55.9		0	96	85	11	030									030	23664	2	-52.5	9.0	4	92	272	24
050	20637	0	-66.0		0	49	110	3	050									050	20374	1	-54.1	8.4	1	93	273	25
100	16650	0	-79.7		0	49	210	4	100									100	15935	0	-54.7	7.6	0	93	281	27
150	14283	0	-63.4		0	88	255	10	150									150	13341	0	-54.7	7.2	0	91	283	32
200	12482	0	-51.6		0	91	260	10	200	12493	5	-51.4	14.0	5	80	260	7	200	11509	0	-56.9	6.6	0	88	283	29
300	9732	0	-28.9	10.5	1	87	265	7	300	9736	5	-29.3	17.5	5	71	280	5	300	8934	0	-51.3	6.1	0	90	288	26
500	5881	0	-3.5		0	60	230	3	500	5897	5	-3.6	15.1				500	5441	0	-27.4	7.6	0	83	295	15	
700	3167	0	10.7	7.1	0	30	75	1	700	3170	5	11.5	10.7	5	58	75	3	700	2941	0	-11.7	6.7	0	67	299	8
850	1517	0	21.5	5.9	0	59	185	2	850	1518	6	21.7	9.0	5	45	170	2	850	1422	0	-.3	9.7	0	56	288	5
996	* 127		26.0	2.5					1010	* 20		27.5	2.4					940	* 611		.7	6.3				
<b>ASIA - CHINA</b> <b>URUMQI</b> 51463 APR 2003 4347N 08737E OB 3									<b>ASIA - CHINA</b> <b>BEIJING</b> 54511 APR 2003 3956N 11617E OB 3									<b>ASIA - CHINA</b> <b>LHASA</b> 55591 APR 2003 2940N 09108E OB 3								
030	23655	4	-56.5	10.1	5	85	281	11	030	23799	0	-54.1	26.3	2	89	260	8	030	23745	1	-56.9		3	20	305	1
050	20460	2	-60.7	9.7	2	88	280	15	050	20560	0	-59.1	24.7	1	0	269	12	050	20571	0	-65.8	11.1	2	67	287	4
100	16141	1	-59.2	7.9	2	96	278	23	100	16241	0	-60.1	22.1	1	0	272	28	100	16461	0	-69.8	11.1	0	96	265	23
150	13587	0	-57.6	7.7	0	93	274	26	150	13688	0	-56.7	18.7	0	94	270	33	150	13995	0	-60.9	7.8	0	97	264	32
200	11781	0	-59.5	7.1	0	90	273	28	200	11867	0	-57.3	15.9	0	92	274	34	200	12184	0	-55.3	7.2	0	91	263	30
300	9194	0	-47.5	7.1	0	86	273	25	300	9251	0	-44.1	14.0	0	88	276	29	300	9509	0	-39.1	7.1	0	82	265	18
500	5615	0	-20.7	8.8	0	83	281	15	500	5628	0	-18.3	21.0	0	88	282	15	500	5789	0	-9.5	7.8	0	71	254	5
700	3050	0	-6.6	7.8	0	86	309	6	700	3036	0	-3.1	14.1	0	55	285	6	654	*3650		4.2					
850	1511	0	1.5	8.3	0	40	349	2	850	1476	0	5.9	15.7	0	25	307	2									
913	* 919		3.9	7.1					1012	* 55		11.8	8.4													
<b>ASIA - CHINA</b> <b>KUNMING</b> 56778 APR 2003 2501N 10241E OB 3									<b>ASIA - CHINA</b> <b>SHANGHAI</b> 58362 APR 2003 3124N 12128E OB 3									<b>AFRICA - CAPE VERDE</b> <b>SAL ISLAND</b> 08594 APR 2003 1644N 02257W OB 2								
030	23753	1	-55.4		7	60	79	3	030	23768	2	-55.8		4	25	23	1	030								
050	20571	1	-65.5		6	20	329	1	050	20579	0	-63.3		0	88	267	7	050	20597	2	-64.9		4	59	85	2
100	16541	1	-75.1		3	95	265	20	100	16435	0	-69.2		0	0	265	30	100	16542	2	-76.4		2	94	255	16
150	14127	1	-64.1	12.3	1	97	258	32	150	13967	0	-60.7	11.2	0	95	268	42	150	14152	2	-66.8		2	99	255	26
200	12322	0	-53.6	10.4	0	97	259	34	200	12156	0	-55.3	9.3	0	96	266	43	200	12367	2	-55.0		2	34	255	28
300	9600	0	-33.7	12.6	0	96	264	27	300	9475	0	-38.2	9.7	0	94	264	29	300	9656	2	-33.8	12.6	2	95	250	21
500	5818	0	-7.1	14.8	0	0	274	16	500	5753	0	-11.3	13.2	0	89	261	17	500	5874	2	-7.6	18.4	2	70	250	7
700	3119	0	8.0	8.0	0	93	270	13	700	3092	0	3.8	11.1	0	75	259	9	700	3176	2	9.2	13.6	2	60	215	5
810	*1892		15.0	8.4					850	1493	0	10.9	9.3	0	38	258	3	850	1536	2	18.5	15.9	2	61	25	3
									1015	* 4		14.2	2.9					1010	* 57		23.3	7.6				

# UPPER AIR

# APRIL 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		
AFRICA - MOROCCO CASABLANCA 60155 APR 2003 3334N 00740W OB 1									AFRICA - ALGERIA DAR-EL-BEIDA 60390 APR 2003 3643N 00315E OB 3									AFRICA - ALGERIA BECHAR 60571 APR 2003 3137N 00214W OB 3										
030	23818	24	-57.2	31.8	9	42	324	3	030									030										
050	20594	19	-60.5	31.1	9	55	262	4	050									050	20586	3	-61.2			5	44	290	3	
100	16313	3	-64.0	30.4	3	88	266	19	100	16277	1	-61.4			1	91	270	18	100	16361	1	-65.5			2	88	270	23
150	13802	0	-59.7	27.0	0	91	264	29	150	13739	0	-58.4			2	89	280	24	150	13863	0	-60.9			2	92	270	36
200	12004	0	-58.2	21.5	0	86	267	29	200	11930	0	-57.5			1	81	280	23	200	12065	0	-57.9			2	89	270	37
300	9372	0	-42.4	19.0	0	78	271	22	300	9309	0	-44.2			1	66	280	16	300	9426	0	-41.4			1	85	270	28
500	5716	0	-14.7	22.9	0	76	266	13	500	5686	0	-17.7	14.3	0	63	270	10	500	5754	0	-13.7	22.5	0	78	270	14		
700	3086	0	2.1	19.5	0	79	244	9	700	3079	0	.5	11.7	1	61	260	8	700	3111	0	3.3	18.3	0	67	270	7		
850	1495	0	10.1	13.9	0	71	242	5	850	1494	0	9.5	10.7	1	54	260	5	850	1503	0	15.8	21.6	0	20	210	2		
1009	* 62		16.2	2.6					1012	* 25		16.3	4.4					922	* 773		22.0	22.8						
AFRICA - ALGERIA IN SALAH 60630 APR 2003 2712N 00228E OB 2									AFRICA - ALGERIA TAMANRASSET 60680 APR 2003 2247N 00531E OB 3									AFRICA - TUNISIA TUNIS-CARTHAGE 60715 APR 2003 3650N 01014E OB 1										
030	23653	9	-55.5		9	48	120	3	030									030	23773	9	-56.5	28.9	9	60	304	4		
050	20587	1	-63.0		2	16	40	1	050	20598	2	-64.1			3	51	110	4	050	20556	2	-60.0	26.3	5	84	286	8	
100	16443	1	-70.1		1	95	260	26	100	16536	0	-74.7			0	91	260	23	100	16252	0	-60.5	25.3	3	93	278	19	
150	13996	0	-62.7		0	95	260	40	150	14120	0	-65.3			0	94	260	37	150	13715	0	-58.8	21.3	3	94	278	26	
200	12207	0	-57.7		0	93	270	43	200	12327	0	-55.0			0	92	270	37	200	11908	0	-57.9	15.7	3	87	276	27	
300	9537	0	-38.0	17.4	0	92	260	32	300	9629	0	-35.9	18.3	0	93	270	26	300	9295	0	-45.2	11.5	3	86	279	22		
500	5814	0	-10.4	26.1	0	92	250	19	500	5872	0	-8.5	21.7	0	88	260	14	500	5681	0	-17.2	15.4	3	75	281	12		
700	3136	0	7.4	28.2	0	83	260	10	700	3169	0	11.2	26.5	1	88	265	9	700	3071	0	.5	12.3	2	62	282	8		
850	1511	0	17.5	26.1	1	17	310	2	850	1514	0	24.6	33.5	0	46	300	3	850	1486	0	9.5	9.6	3	36	284	4		
981	* 293		30.1	27.8					865	*1378		24.9	28.5					1013	* 4		15.1	2.2						
AFRICA - SENEGAL DAKAR/YOFF 61641 APR 2003 1444N 01730W OB 3									AFRICA - OCEAN ISLANDS (UK) ST. HELENA IS. 61901 APR 2003 1556S 00504W OB 3									AFRICA - MAURITIUS VACOAS(MAURITIUS) 61995 APR 2003 2018S 05730E OB 3										
030	23757	0	-56.0	31.9	0	93	90	11	030	23779	11	-57.2						030										
050	20582	0	-66.8	25.0	0	22	95	2	050	20608	10	-67.4			9	90	94	8	050									
100	16565	0	-78.1	19.6	0	92	250	16	100	16595	10	-79.3			9	61	283	5	100	16576	2	-78.1			2	80	280	9
150	14194	0	-67.6	17.6	0	93	265	24	150	14229	10	-66.7			9	85	281	14	150	14209	1	-66.9			2	89	290	21
200									200	12436	10	-53.4			9	87	275	14	200	12419	0	-53.2			1	93	300	24
300									300	9707	10	-32.4	25.8	9	50	227	5	300	9683	0	-31.9	12.2	0	89	290	17		
500	5883	0	-6.5	27.7	0	90	260	23	500	5901	10	-4.6	31.9	9	56	103	4	500	5875	0	-6.0	11.5	0	64	305	4		
700	3181	0	10.1	16.2	0	42	150	4	700	3169	10	11.4	39.7	9	41	81	2	700	3163	0	9.2	8.1	0	45	15	2		
850	1530	0	23.1	30.2	0	36	55	3	850	1537	10	14.3	6.5	9	79	107	5	850	1525	0	17.4	3.5	1	75	60	4		
1009	* 24		21.9	4.2					967	* 436		21.9	4.5					965	* 425		22.3	.8						

# UPPER AIR

# APRIL 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 - OCEAN ISLANDS (FRANCE) MARTIN DE VIVIES (ILE AMSTER) 61996 APR 2003 3748S 07732E OB 2									AFRICA - OCEAN ISLANDS (FRANCE) PORT-AUX-FRANCAIS (ILES KERG) 61998 APR 2003 4921S 07015E OB 2									AFRICA - EGYPT MERSA MATRUH 62306 APR 2003 3120N 02713E OB 3								
030									030									030								
050	20603	2	-58.8		2	85	237	9	050	20442	4	-55.4		5	96	256	22	050	20617	0	-60.0	10.1	0	90	255	8
100	16307	0	-63.5		0	91	247	21	100	16031	2	-56.3		4	95	257	28	100	16361	0	-64.2	13.2	0	96	270	25
150	13801	0	-60.5		0	90	251	27	150	13453	1	-55.5		3	92	256	34	150	13845	0	-58.8	16.8	0	96	275	34
200	12008	0	-59.0		0	87	251	30	200	11630	1	-57.2		3	89	255	38	200	12038	0	-57.3	16.3	0	94	275	38
300	9377	0	-41.6		1	80	253	25	300	9020	0	-46.1		2	83	254	36	300	9395	0	-41.6	14.6	0	90	275	30
500	5715	0	-15.3	17.5	0	83	248	18	500	5446	0	-22.0	12.9	3	83	252	27	500	5728	0	-14.2	21.3	0	86	270	19
700	3095	0	.2	14.6	0	83	243	13	700	2897	0	-7.2	12.5	2	89	248	21	700	3090	0	3.6	24.7	0	79	275	12
850	1518	0	5.9	7.4	0	74	247	9	850	1364	0	-1.2	6.5	2	90	257	14	850	1488	0	12.5	19.9	0	65	280	6
1015	* 29		15.6	5.4					1003	* 30		7.0	6.0					1010	* 29		18.3	9.2				
AFRICA - EGYPT HELWAN 62378 APR 2003 2952N 03120E OB 3									AFRICA - EGYPT ASSWAN 62414 APR 2003 2358N 03247E OB 3									AFRICA - SUDAN KHARTOUM 62721 APR 2003 1536N 03233E OB 3								
030									030									030								
050	20656	4	-60.7	1.2	4	90	260	6	050	20622	0	-65.0		0	91	285	12	050	20542	12	-69.1		9	73	275	15
100	16435	3	-66.0	3.2	3	97	270	21	100	16536	0	-71.8		0	98	260	27	100	16567	0	-79.7		6	83	250	30
150	13936	2	-59.6	10.4	2	96	270	27	150	14099	0	-62.4		0	97	265	37	150	14203	0	-66.9		4	93	260	44
200	12122	1	-56.0	14.2	1	95	280	29	200	12286	0	-52.0	27.7	0	95	270	44	200	12409	0	-53.3		4	91	255	46
300	9449	1	-40.2	19.1	1	94	275	23	300	9576	0	-36.2	30.3	0	94	265	26	300	9673	0	-31.9	21.4	4	92	260	36
500	5783	1	-13.1	21.5	1	89	270	15	500	5827	0	-8.1	41.6	0	88	290	13	500	5871	0	-7.7	17.2	4	74	240	19
700	3109	1	5.2	28.6	1	74	275	8	700	3128	0	8.7	33.3	0	94	300	10	700	3160	0	12.0	23.7	6	71	285	14
850	1498	1	14.1	22.4	1	38	300	3	850	1499	0	18.4	25.6	0	75	310	6	850	1502	0	22.6	32.7	7	83	360	12
996	* 141		22.6	18.5					989	* 194		23.9	24.4					966	* 380		34.2	36.9				
AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 APR 2003 0902N 03845E OB 2									AFRICA - SEYCHELLES SEYCHELLES INT. AIRPORT 63985 APR 2003 0440S 05532E OB 3									AFRICA - MADAGASCAR ANTANANARIVO/IVATO 67083 APR 2003 1848S 04729E OB 1								
030									030	23698	8	-60.7	26.6	9	95	85	17	030	23808	5	-55.4		9		82	14
050	20600	2	-67.9		8	25	310	2	050	20578	4	-68.4	18.4	4	51	264	5	050	20627	1	-66.0		2	95	92	10
100	16610	0	-78.5		4	22	70	2	100	16595	0	-82.4	12.4	0	20	64	2	100	16586	1	-77.0		2	77	290	9
150	14260	0	-66.7		2	30	34	10	150	14251	0	-67.1	12.4	0	14	258	2	150	14198	1	-64.7		2	95	286	20
200	12460	0	-51.8		2	30	325	10	200	12456	0	-52.6	12.0	0	35	95	4	200	12396	1	-52.7		3	96	291	22
300	9711	0	-30.1		2	38	80	8	300	9702	0	-29.7	13.1	0	72	87	5	300	9661	1	-32.5	18.4	3	94	291	18
500	5882	0	-5.6	21.6	0	50	80	6	500	5867	0	-4.7	11.9	0	40	89	2	500	5860	1	-6.2	19.4	2	72	294	7
700	3157	0	13.3	2.1	0	60	70	5	700	3144	0	10.2	8.3	0	46	265	2	700	3149	1	8.9	13.1	2	50	345	4
772	*2354		24.7	15.0					850	1501	0	18.8	6.7	0	72	275	5	850	1517	1	16.6	4.3	2	50	115	2
									1008	* 4		28.9	4.9					876	*1276		17.5	3.5				

# UPPER AIR

# APRIL 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
AFRICA - SOUTH AFRICA BETHLEHEM 68461 APR 2003 2825S 02833E OB									AFRICA - SOUTH AFRICA SPRINGBOK 68512 APR 2003 2967S 01790E OB									AFRICA - SOUTH AFRICA DE AAR 68538 APR 2003 3065S 02400E OB 3										
030									030	23620	2	-54.8			6	95	91	10	030	23867	2	-54.8						
050									050	20479	2	-62.6			6	69	49	5	050	20661	1	-63.2			9	55	52	4
100	15054				9		268	19	100	16402	1	-70.4			6	88	290	15	100	16503	1	-71.0			9	95	262	13
150	14115				9	98	262	21	150	13993	1	-62.0			5	91	276	23	150	14059	0	-62.7			9	95	260	19
200	12401				9	86	252	17	200	12216	1	-55.1	15.9		5	88	277	25	200	12261	0	-56.5	15.6		9	95	251	22
300	8181				9	63	248	6	300	9558	1	-36.4	16.4		4	76	279	17	300	9588	0	-37.6	14.7		9	90	253	18
500	5330				9	52	250	4	500	5840	1	-9.8	19.3		3	74	295	10	500	5855	0	-10.5	17.8		5	83	267	9
700	3044	7	15.1	25.6	9	47	268	2	700	3164	1	8.7	22.4		3	79	318	9	700	3178	0	7.3	18.6		1	80	286	6
836	*1687		22.7	15.6					850	1532	1	18.5	20.6		4	33	325	2	850	1547	0	19.7	16.6		2	83	325	4
									904	*1007		17.1	11.2						876	*1287		24.4	17.6					
AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 APR 2003 2997S 03095E OB 3									AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 APR 2003 3397S 01860E OB 3									AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 APR 2003 3398S 02562E OB 3										
030	23896	11	-54.3		9	98	90	12	030	23910	10	-53.7			9	86	68	7	030	23900	8	-53.6			9	90	70	9
050	20692	7	-61.0		9	37	86	3	050	20681	8	-60.9			8	65	333	5	050	20672	7	-61.2			9	35	346	2
100	16471	4	-69.5		9	88	269	13	100	16451	1	-67.2			1	95	286	21	100	16463	6	-67.9			9	92	277	18
150	14003	2	-61.2		9	90	259	20	150	13978	1	-61.4			2	94	281	28	150	13999	6	-62.7			9	91	275	27
200	12191	2	-55.0	14.9	7	89	251	22	200	12179	1	-57.1	14.7		3	89	280	30	200	12200	5	-57.3	15.2		9	89	277	27
300	9608	2	-36.9	14.5	9	80	248	14	300	9518	1	-38.8	14.7		1	85	283	25	300	9536	4	-38.5	16.0		8	83	289	21
500	5872	2	-10.1	17.1	7	82	248	8	500	5806	0	-11.1	19.9		0	87	284	15	500	5816	4	-11.1	16.3		8	87	287	14
700	3190	2	7.6	13.8	7	63	229	5	700	3138	0	6.0	25.1		0	86	296	8	700	3149	4	6.2	13.8		8	86	288	9
850	1562	2	16.4	10.2	7	7	16	1	850	1523	0	14.3	15.4		0	63	308	4	850	1527	4	16.1	14.4		8	33	351	3
1017	* 14		21.5	2.8					1011	* 46		15.7	2.0						1008	* 69		17.7	2.7					
AFRICA - SOUTH AFRICA MARION ISLAND 68994 APR 2003 4653S 03752E OB 3									N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 APR 2003 7118N 15647W OB 3									N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 APR 2003 6652N 16238W OB 3										
030	23832	6	-52.6		8	98	274	20	030	23837	1	-47.9	22.1		1	61	258	10	030	23898	1	-47.7	26.0		1	60	233	9
050	20560	3	-55.8		5	95	277	20	050	20461	0	-48.3	21.4		0	75	254	11	050	20528	1	-48.2	25.1		1	70	238	9
100	16178	2	-58.2		4	95	278	28	100	15907	0	-48.9	20.7		0	83	251	11	100	15957	1	-48.1	25.0		1	74	235	10
150	13624	2	-57.4		3	93	276	35	150	13243	0	-48.4	19.9		0	80	243	10	150	13282	1	-47.9	24.7		2	73	225	10
200	11808	1	-58.4	14.4	3	89	280	40	200	11353	0	-49.8	16.5		0	75	239	10	200	11386	1	-48.8	21.8		1	65	223	10
300	9190	1	-44.0	10.3	2	87	281	37	300	8736	0	-52.5	10.1		0	55	238	10	300	8758	1	-51.8	10.5		1	41	217	9
500	5575	1	-19.0	8.6	2	89	284	27	500	5302	0	-32.7	8.3		0	48	223	5	500	5307	1	-31.5	9.2		1	43	198	6
700	2992	1	-3.2	15.7	2	90	279	17	700	2856	0	-17.5	7.9		0	39	227	3	700	2849	1	-16.2	11.5		1	49	158	5
850	1437	1	2.4	8.4	2	82	287	13	850	1380	0	-10.3	7.0		1	36	137	2	850	1363	1	-7.9	9.2		1	49	152	4
1011	* 21		6.3	2.6					1015	* 4		-14.4	1.5						1011	* 5		-4.5	2.9					

# UPPER AIR

# APRIL 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 (ALASKA)</b> NOME 70200 APR 2003 6430N 16526W OB 3									<b>N AMERICA - USA (ALASKA)</b> ANCHORAGE/INT. 70273 APR 2003 6110N 15001W OB 3									<b>N AMERICA - USA (ALASKA)</b> COLD BAY 70316 APR 2003 5512N 16243W OB 3								
030	23925	1	-48.1	26.3	0	46	219	5	030	23959	0	-49.2	26.2	1	13	84	1	030	23923	0	-51.1	24.7	0	72	113	4
050	20555	1	-47.8	26.2	0	65	221	7	050	20609	0	-48.8	26.3	0	33	259	2	050	20597	0	-50.9	24.7	0	55	193	3
100	15981	1	-47.6	26.1	2	72	221	8	100	16059	0	-48.9	26.2	0	70	260	6	100	16078	0	-50.3	24.6	0	73	247	7
150	13302	1	-47.2	25.4	1	73	219	9	150	13394	0	-48.2	25.0	0	66	256	7	150	13430	0	-50.0	22.2	0	78	253	13
200	11397	1	-47.9	21.1	1	71	218	10	200	11505	0	-50.6	19.0	0	64	257	8	200	11552	0	-51.2	17.9	1	78	249	19
300	8761	0	-50.8	10.6	0	48	210	9	300	8873	0	-49.8	8.9	0	50	231	9	300	8910	0	-47.7	10.1	0	74	251	21
500	5301	0	-30.9	10.0	0	42	192	6	500	5379	0	-27.3	9.4	0	45	203	6	500	5386	0	-26.4	8.4	0	71	249	14
700	2836	0	-15.6	10.7	1	52	167	5	700	2881	0	-12.2	11.7	0	32	159	3	700	2882	0	-12.3	10.8	0	50	254	7
850	1348	0	-7.8	7.3	0	49	158	4	850	1375	0	-4.2	6.5	2	37	97	3	850	1376	0	-5.0	9.1	0	45	248	5
1009	* 7		-4.4	2.5					1003	* 40		1.1	5.4					1007	* 31		1.3	2.5				
<b>N AMERICA - USA (ALASKA)</b> YAKUTAT 70361 APR 2003 5931N 13940W OB 3									<b>N AMERICA - USA (ALASKA)</b> SHEMYA AFB 70414 APR 2003 5243N 17406E OB 3									<b>N AMERICA - USA</b> KEY WEST/INT., FL. 72201 APR 2003 2433N 08145W OB								
030	23931	2	-50.3	24.9	2	41	39	4	030									030	23793	1	-54.8	12.8	1	82	77	4
050	20595	1	-49.9	25.0	1	28	339	2	050									050	20590	1	-63.8	10.0	1	39	17	2
100	16063	2	-50.0	24.8	3	46	298	4	100									100	16487	0	-71.7	8.4	0	93	272	22
150	13408	2	-49.1	23.4	3	42	279	4	150									150	14052	0	-63.9	9.8	1	95	270	35
200	11523	1	-50.5	17.6	2	31	281	4	200	11455	12	-48.6						200	12259	0	-56.0	10.9	1	90	278	32
300	8895	1	-49.8	9.3	2	17	264	3	300	8803	10	-48.8						300	9567	0	-35.9	14.2	0	91	285	27
500	5397	1	-27.0	11.7	3	23	144	3	500	5335	8	-28.5	8.9	9	72	262	16	500	5822	0	-9.8	22.2	0	89	284	12
700	2894	1	-11.6	9.1	3	59	147	5	700	2844	8	-13.0	9.5	9	70	263	11	700	3142	0	6.9	26.8	0	59	294	5
850	1381	1	-2.6	6.5	2	60	119	4	850	1341	8	-5.1	6.8	8	55	271	7	850	1528	0	13.3	10.4	0	11	184	1
1008	* 9		.5	1.7					1003	* 31		3.1	3.3					1016	* 6		22.4	2.6				
<b>N AMERICA - USA</b> SHREVEPORT/REG., LA. 72248 APR 2003 3228N 09347W OB 2									<b>N AMERICA - USA</b> NEWPORT, NC 72305 APR 2003 3447N 07653W OB 2									<b>N AMERICA - USA</b> NASHVILLE/OLD HICKORY, TN. 72327 APR 2003 3615N 08634W OB 3								
030	23722	2	-58.1	21.0	7	72	297	4	030	23735	0	-57.5	22.1					030	23750	0	-57.4	14.1	2	71	298	3
050	20538	2	-63.1	18.1	7	272	3	3	050	20546	0	-62.4	20.0					050	20548	0	-60.9	12.4	3	79	280	4
100	16330	1	-65.8	15.6	6	274	16	16	100	16302	0	-63.0	18.4	9		272	15	100	16275	0	-61.4	11.9	5	93	275	14
150	13839	1	-61.3	12.6	6	95	275	29	150	13781	0	-59.4	14.9	7	90	271	21	150	13746	0	-59.1	11.7	4	94	281	21
200	12052	1	-59.4	9.2	3	94	274	34	200	11989	0	-59.6	10.4	7	86	281	19	200	11950	0	-59.8	11.2	4	85	280	23
300	9415	1	-41.5	12.4	3	91	272	24	300	9366	0	-42.9	12.7	7	79	278	15	300	9331	0	-43.4	13.1	0	70	267	18
500	5748	1	-14.2	20.1	2	83	264	13	500	5717	0	-15.4	17.8	4	78	272	10	500	5693	0	-16.3	18.2	0	66	271	11
700	3105	1	4.1	18.0	2	72	262	8	700	3092	0	1.1	16.9	4	66	257	7	700	3076	0	.8	13.6	0	62	275	8
850	1498	1	12.7	15.3	2	61	242	6	850	1506	0	9.7	10.1	5	48	256	4	850	1490	0	8.9	11.2	0	54	263	6
1005	* 79		13.8	2.3					1016	* 11		11.2	1.8					994	* 180		11.0	3.3				

# UPPER AIR

# APRIL 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> <b>STERLING, VA.</b> 72403 APR 2003 3859N 07728W OB 3									<b>N AMERICA - USA</b> <b>NORTH PLATTE/LEE BIRD, NE.</b> 72562 APR 2003 4108N 10041W OB 3									<b>N AMERICA - USA</b> <b>MEDFORD/MEDFORD- JACKSON COU</b> 72597 APR 2003 4222N 12252W OB 3								
030	23711	1	-58.3	20.4	1	84	296	5	030	23712	4	-58.3	20.6	4	50	302	3	030	23735	0	-56.7	21.5	1	50	70	4
050	20521	0	-61.3	19.4	1	87	285	5	050	20516	4	-60.5	19.8	4	77	280	4	050	20504	0	-56.8	21.4	0	22	105	1
100	16230	0	-60.7	18.1	0	92	267	14	100	16186	4	-58.3	18.0	4	93	258	12	100	16094	0	-55.2	20.8	3	87	241	8
150	13692	0	-58.1	14.6	1	91	272	20	150	13626	4	-57.1	14.1	4	93	258	19	150	13493	0	-53.2	19.8	3	83	243	12
200	11894	0	-60.2	9.4	1	79	270	23	200	11814	4	-58.7	10.5	5	85	253	21	200	11641	0	-53.8	16.9	3	79	245	16
300	9291	0	-44.7	8.9	0	71	272	20	300	9211	4	-46.2	8.4	5	66	244	14	300	9020	0	-48.8	10.9	1	65	240	19
500	5669	0	-17.4	15.7	0	68	271	12	500	5615	4	-18.9	10.7	4	62	251	10	500	5500	0	-24.9	7.9	0	63	234	11
700	3063	0	-.7	13.0	1	61	264	8	700	3014	4	-.4	8.4	4	46	274	6	700	2971	0	-8.8	4.6	0	71	229	8
850	1489	0	6.5	8.4	0	43	304	5	850	1437	4	7.1	9.0	4	17	349	2	850	1440	0	.6	3.4	0	60	210	4
1008	* 98		6.7	2.4					913	* 849		4.6	2.1					967	* 405		6.1	1.9				
<b>N AMERICA - USA</b> <b>CHANHASSEN, MN</b> 72649 APR 2003 4451N 09334W OB 2									<b>N AMERICA - USA</b> <b>INT. FALLS/FALLS INT. MN.</b> 72747 APR 2003 4834N 09323W OB 3									<b>N AMERICA - USA</b> <b>BISMARCK/MUN., ND.</b> 72764 APR 2003 4646N 10045W OB 3								
030	23700	2	-58.6	21.1	2	69	324	4	030	23715	3	-57.0	18.9	3	75	339	5	030	23727	1	-56.8	13.4	1	72	356	4
050	20500	2	-59.5	20.6	2	78	298	5	050	20493	3	-57.6	19.0	3	90	299	7	050	20505	1	-58.1	12.7	1	86	295	5
100	16149	2	-57.1	19.6	2	91	277	12	100	16102	3	-55.6	19.4	3	95	283	13	100	16119	0	-56.6	12.4	2	93	268	10
150	13576	2	-56.2	15.4	2	93	277	18	150	13508	2	-54.1	17.2	2	92	284	17	150	13539	0	-56.2	10.8	2	91	267	15
200	11767	1	-60.2	8.9	1	85	275	24	200	11680	2	-58.2	10.5	2	86	279	25	200	11726	0	-59.4	8.9	2	82	262	17
300	9181	1	-47.5	7.6	1	74	270	19	300	9097	0	-49.1	7.2	0	82	282	24	300	9145	0	-48.4	8.2	1	73	256	17
500	5600	1	-20.2	11.1	1	70	281	11	500	5545	0	-22.2	10.5	0	74	287	13	500	5577	0	-21.1	9.1	0	71	267	11
700	3015	1	-2.0	12.4	1	48	285	7	700	2987	0	-6.1	10.6	0	55	297	7	700	3005	0	-3.7	13.4	1	32	244	4
850	1450	1	4.0	10.8	2	18	285	2	850	1448	0	-.2	9.8	0	9	349	1	850	1447	0	4.0	8.2	1	22	144	2
980	* 287		4.3	4.8					974	* 361		-1.7	4.5					954	* 506		2.7	3.9				
<b>N AMERICA - USA</b> <b>GREAT FALLS, MT</b> 72649 APR 2003 4451N 09334W OB 2									<b>N AMERICA - USA</b> <b>SPOKANE, WA</b> 72747 APR 2003 4834N 09323W OB 3									<b>N AMERICA - CANADA</b> <b>NORMAN WELLS UA, N.W.T.</b> 71043 APR 2003 6517N 12645W OB 3								
030	23703	1	-57.3	14.1	1	73	36	5	030	23739	2	-56.8	16.7	2	80	48	5	030	23890	0	-48.5	34.1	1	51	336	8
050	20484	1	-57.5	13.6	1	59	298	2	050	20503	1	-56.0	16.5	1	41	20	1	050	20538	0	-49.6	33.8	0	70	309	9
100	16083	1	-55.6	13.3	1	90	249	8	100	16072	1	-53.6	15.8	1	75	232	6	100	15999	0	-49.9	32.6	0	80	295	8
150	13491	1	-54.6	11.8	2	87	242	11	150	13459	1	-52.5	14.0	1	79	230	10	150	13347	0	-49.4	28.0	0	80	278	8
200	11658	1	-57.0	9.3	2	84	236	15	200	11606	1	-54.6	11.3	2	72	230	11	200	11468	0	-51.9	20.0	0	73	282	8
300	9078	1	-50.3	7.8	1	68	234	15	300	9014	0	-50.5	8.2	0	66	207	14	300	8859	0	-52.0	9.2	0	53	264	8
500	5543	0	-22.8	10.6	0	82	234	11	500	5501	0	-24.8	8.3	0	79	207	11	500	5394	0	-29.4	11.8	1	58	245	6
700	2988	0	-5.1	7.2	0	62	255	5	700	2968	0	-7.9	5.3	0	84	210	7	700	2907	0	-13.1	10.2	0	58	234	4
850	1432	0	4.9	8.4	6	66	233	6	850	1427	0	2.9	6.7	2	61	205	5	850	1406	0	-5.7	6.3	0	38	198	2
882	*1131		3.4	4.7					926	* 728		3.6	3.0					1008	* 95		-8.7	3.1				



# UPPER AIR

# APRIL 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 - CANADA</b> HALL BEACH UA, N.W.T. 71081 APR 2003 6846N 08113W OB 3									<b>N AMERICA - CANADA</b> ALERT UA, N.W.T. 71082 APR 2003 8230N 06220W OB 3									<b>N AMERICA - CANADA</b> PORT HARDY UA, B.C. 71109 APR 2003 5041N 12722W OB 3								
030	23634	0	-48.5	34.1	0	42	321	7	030	23485	0	-48.7	28.6	0	57	292	5	030	23835	6	-54.4	23.9	4	88	62	7
050	20289	0	-49.8	33.8	0	45	315	6	050	20163	0	-52.2	27.2	0	64	252	4	050	20560	3	-53.1	23.7	2	54	52	3
100	15782	0	-50.3	32.7	1	67	318	7	100	15687	1	-52.2	26.6	1	61	225	5	100	16073	1	-51.3	22.7	1	34	275	3
150	13116	0	-49.8	32.1	1	72	312	7	150	13056	1	-50.8	26.4	1	47	213	5	150	13426	1	-49.3	21.0	1	36	249	4
200	11233	0	-49.4	29.4	0	76	309	7	200	11180	1	-50.1	24.2	1	40	203	4	200	11542	1	-50.1	16.0	0	44	243	7
300	8599	0	-52.8	13.6	1	60	310	9	300	8559	0	-54.1	12.3	1	21	156	3	300	8912	1	-50.6	6.4	0	41	212	11
500	5210	0	-37.0	8.3	0	55	317	7	500	5186	0	-38.2	10.0	1	27	96	3	500	5416	1	-27.1	7.2	1	54	195	9
700	2809	0	-22.8	8.6	0	64	323	6	700	2801	0	-24.5	8.9	0	49	56	4	700	2911	1	-11.1	5.3	0	68	188	7
850	1366	0	-16.8	7.8	0	70	334	5	850	1372	0	-20.2	3.9	0	56	14	4	850	1394	1	-2.0	2.8	1	63	177	5
1019	* 6		-23.2	4.3					1020	* 65		-25.8	4.1					1007	* 17		4.8	1.8				
<b>N AMERICA - CANADA</b> EDMONTON STONY PLAIN, ALTA 71119 APR 2003 5332N 11406W OB 3									<b>N AMERICA - CANADA</b> SABLE ISLAND, N.S. 71600 APR 2003 4356N 06001W OB 3									<b>N AMERICA - CANADA</b> YARMOUTH, N.S. 71603 APR 2003 4352N 06606W OB 3								
030	23816	2	-53.5	28.7	1	69	38	8	030	23715	1	-56.7	30.3	3	50	264	3	030	23731	0	-56.5	27.1	1	69	270	4
050	20535	1	-53.4	28.6	0	55	356	4	050	20496	1	-59.7	29.2	2	73	273	7	050	20515	0	-59.2	26.4	0	81	278	8
100	16065	0	-52.5	27.8	0	82	273	7	100	16156	0	-57.8	28.9	2	89	267	16	100	16167	0	-57.1	26.2	0	91	268	17
150	13442	0	-51.6	23.2	1	83	255	9	150	13590	0	-56.3	22.2	2	90	263	24	150	13591	0	-55.6	21.6	0	91	265	24
200	11587	0	-55.6	12.5	0	80	246	12	200	11779	0	-59.6	13.1	2	84	261	32	200	11773	0	-58.4	14.2	0	86	262	32
300	9007	0	-51.4	5.5	1	67	232	13	300	9172	0	-45.2	10.7	1	76	261	30	300	9154	0	-44.9	12.4	0	80	266	30
500	5492	0	-24.6	7.4	0	60	243	7	500	5568	0	-19.3	15.1	0	78	264	22	500	5560	0	-20.6	13.9	0	82	268	22
700	2956	0	-7.8	6.1	0	29	225	2	700	2992	0	-5.5	14.1	0	78	262	14	700	2991	0	-5.8	10.0	0	77	270	13
850	1421	0	.9	6.9	0	31	131	2	850	1451	0	.1	12.2	0	58	263	7	850	1452	0	-.5	10.9	0	57	280	6
922	* 766		.6	3.1					1018	* 4		2.3	3.7					1013	* 9		2.7	4.5				
<b>N AMERICA - CANADA</b> MANIWAKI, QUE. 71722 APR 2003 4623N 07558W OB 3									<b>N AMERICA - CANADA</b> ST. JOHN'S UA, NLFD 71801 APR 2003 4737N 05245W OB 3									<b>N AMERICA - CANADA</b> SEPT-ILES UA, QUE. 71811 APR 2003 5013N 06615W OB 3								
030	23722	0	-56.4	26.6	1	72	291	5	030	23693	7	-56.4	29.9		4			030	23700	1	-54.9	29.9	1	21	254	2
050	20499	0	-58.4	25.1	1	85	286	9	050	20454	6	-57.3	29.5	7	44	267	4	050	20445	1	-55.5	30.1	1	65	268	7
100	16120	0	-55.5	24.2	0	94	275	17	100	16089	4	-56.7	29.0	5	81	274	14	100	16028	0	-53.6	30.3	0	90	272	17
150	13522	0	-54.1	20.5	1	94	274	22	150	13495	0	-54.5	25.0	3	85	268	21	150	13406	0	-51.5	29.1	0	87	268	21
200	11684	0	-56.4	14.5	0	90	274	28	200	11651	1	-55.6	19.2	4	83	265	27	200	11538	0	-51.5	24.1	0	81	262	25
300	9082	0	-47.5	9.8	2	87	274	32	300	9048	0	-47.1	13.3	3	78	262	26	300	8901	0	-47.7	13.9	0	72	262	27
500	5516	0	-22.1	10.1	0	87	277	22	500	5481	0	-22.8	13.6	1	78	267	20	500	5389	0	-27.7	13.1	0	70	267	17
700	2967	0	-7.5	11.1	1	81	281	13	700	2947	0	-10.0	15.3	0	76	262	12	700	2900	0	-13.9	13.4	0	59	266	8
850	1443	0	-3.2	12.4	1	42	297	4	850	1430	0	-3.6	12.1	0	59	263	7	850	1408	0	-8.6	6.2	0	41	285	4
995	* 173		-1.9	4.2					1000	* 140		.4	4.3					1011	* 53		-4.5	4.7				

# UPPER AIR

# APRIL 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
N AMERICA - CANADA STEPHENVILLE UA,NFLD 71815 APR 2003 4834N 05834W OB 3									N AMERICA - CANADA GOOSE UA,NFLD. 71816 APR 2003 5318N 06022W OB 3									N AMERICA - CANADA LA GRANDE IV,QUE. 71823 APR 2003 5345N 07340W OB 3								
030	23683	1	-56.2	28.2	4	23	259	2	030	23683	0	-54.4	27.7	1	3	198	1	030	23685	1	-53.5	31.3	9	46	284	6
050	20442	1	-57.0	27.8	2	64	271	6	050	20414	0	-54.3	28.1	1	41	266	4	050	20406	1	-54.1	30.8	9	78	283	11
100	16059	1	-55.8	28.0	3	90	270	18	100	15956	0	-53.2	29.1	0	84	268	13	100	15957	1	-52.3	31.0	9	93	281	19
150	13458	1	-53.3	25.4	3	89	267	22	150	13329	0	-50.8	28.3	0	85	267	16	150	13319	1	-50.1	29.4	9	95	283	21
200	11609	1	-55.0	19.1	3	84	264	29	200	11457	0	-51.8	23.8	0	80	263	20	200	11436	1	-49.3	24.8	9	88	281	22
300	8981	0	-47.3	12.3	2	77	264	29	300	8821	0	-48.6	14.1	1	72	261	22	300	8789	1	-49.4	13.5	9	85	287	25
500	5436	0	-24.6	11.8	1	76	264	20	500	5333	0	-29.5	12.4	0	65	267	13	500	5318	1	-31.4	10.1	9	75	290	15
700	2918	0	-11.2	14.1	0	70	266	12	700	2858	0	-15.6	8.4	0	57	277	8	700	2867	1	-17.7	8.3	9	64	299	8
850	1411	0	-6.4	7.5	0	51	254	7	850	1375	0	-9.4	6.4	0	48	278	6	850	1396	1	-12.6	6.4	8	51	300	5
1014	* 60		-1	4.5					1008	* 36		-5.2	5.4					980	* 307		-10.9	3.8				
N AMERICA - CANADA MOOSONEE,ONT. 71836 APR 2003 5116N 08039W OB 3									N AMERICA - CANADA PICKLE LAKE, ONT. 71845 APR 2003 5127N 09012W OB 2									N AMERICA - CANADA THE PASS UA, MAN 71867 APR 2003 5358N 10106W OB 3								
030	23690	0	-55.1	26.9	9	31	345	3	030	23709	0	-55.7	28.0	0	51	357	5	030	23769	0	-54.0	30.1	0	62	26	8
050	20443	0	-56.8	26.3	9	82	286	9	050	20465	0	-56.5	27.8	0	79	300	8	050	20499	0	-54.6	29.9	0	64	327	7
100	16025	0	-53.6	27.2	9	92	280	17	100	16047	0	-54.4	28.0	0	97	288	15	100	16051	0	-53.9	29.7	0	96	288	12
150	13402	0	-50.8	25.5	9	95	283	20	150	13436	0	-52.5	25.9	1	94	287	19	150	13438	0	-52.7	26.4	0	95	283	15
200	11533	0	-52.0	20.3	9	94	284	23	200	11583	0	-54.5	16.9	1	91	289	26	200	11587	0	-55.2	15.8	0	93	280	20
300	8898	0	-49.0	12.1	9	91	285	28	300	8983	0	-50.3	9.5	1	87	293	30	300	9006	0	-51.5	7.6	0	84	283	22
500	5405	0	-27.5	13.5	9	88	295	18	500	5467	0	-25.2	13.1	0	84	301	19	500	5495	0	-25.1	10.4	0	79	290	12
700	2909	0	-14.4	12.2	8	76	309	9	700	2947	0	-10.8	14.5	0	74	310	10	700	2969	0	-9.8	13.4	0	61	293	6
850	1423	0	-9.5	9.4	9	54	314	6	850	1439	0	-6.1	9.6	0	30	322	3	850	1449	0	-3.1	10.5	0	4	252	1
1020	* 10		-8.6	3.0					973	* 389		-5.8	4.9					986	* 274		-4.1	4.5				
N AMERICA - CANADA KUUJUAQ, UA,QUE. 71906 APR 2003 5807N 06825W OB 3									N AMERICA - CANADA INUKJUAQ, QUE 71907 APR 2003 5827N 07807W OB 3									N AMERICA - CANADA IQALUIT, N.W.T. 71909 APR 2003 6345N 06833W OB 3								
030	23700	5	-51.4	29.9	6	11	295	2	030	23706	1	-51.1	30.8	2	21	343	3	030	23665	2	-49.9	32.8	8	30	271	5
050	20392	3	-51.5	29.5	4	36	262	4	050	20382	1	-51.2	30.8	2	48	299	6	050	20329	1	-50.8	31.5	7	45	255	7
100	15892	3	-51.3	29.6	4	78	269	10	100	15886	0	-51.1	30.0	1	89	288	12	100	15809	1	-50.2	31.8	6	62	253	7
150	13253	2	-49.5	27.8	3	72	270	10	150	13240	0	-49.3	29.3	1	78	287	12	150	13156	1	-49.6	30.8	8	65	256	8
200	11368	2	-49.9	22.8	3	66	265	11	200	11349	0	-48.6	25.4	1	69	290	11	200	11270	1	-49.8	26.6	7	58	254	8
300	8735	2	-51.6	10.4	3	51	265	11	300	8704	0	-51.1	12.6	1	46	280	10	300	8642	1	-52.9	10.5	6	43	255	9
500	5290	2	-32.3	9.4	3	38	272	6	500	5273	0	-33.5	8.9	1	37	300	6	500	5235	1	-34.8	7.6	9	35	291	5
700	2843	2	-18.2	7.7	3	38	288	5	700	2841	0	-19.5	6.9	1	38	313	4	700	2815	1	-20.7	6.7	7	40	312	4
850	1378	2	-13.0	5.9	4	40	293	4	850	1379	0	-13.4	7.6	1	29	322	3	850	1360	1	-14.9	6.3	8	38	346	4
1011	* 60		-10.8	4.1					1015	* 6		-13.2	1.8					1012	* 34		-14.6	2.9				

# UPPER AIR

# APRIL 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 - CANADA</b> CHURCHILL UA,MAN. 71913 APR 2003 5844N 09405W OB 3									<b>N AMERICA - CANADA</b> CORAL HARBOUR UA, N.W.T. 71915 APR 2003 6412N 08322W OB 3									<b>N AMERICA - CANADA</b> EUREKA UA, N.W.T. 71917 APR 2003 7959N 08556W OB 3								
030	23755	7	-51.0	28.1	6	50	8	8	030	23684	0	-49.1	32.6	0	35	330	6	030	23520	1	-48.3	31.4	0	70	319	9
050	20433	6	-52.1	28.0	5	68	327	9	050	20342	0	-50.2	32.4	0	52	313	7	050	20180	1	-50.9	30.0	0	76	311	7
100	15958	5	-51.8	28.0	6	90	305	13	100	15825	0	-50.5	31.9	0	77	304	9	100	15705	0	-51.8	29.1	0	59	314	4
150	13315	4	-50.4	27.3	4	94	305	15	150	13178	0	-49.7	30.9	0	83	306	10	150	13069	0	-50.3	28.7	0	47	322	4
200	11435	4	-50.6	22.2	3	92	305	16	200	11293	0	-49.8	26.8	0	79	309	10	200	11188	0	-49.4	26.4	0	42	332	3
300	8824	3	-52.1	9.6	3	75	312	20	300	8664	0	-52.8	12.1	0	57	305	10	300	8552	0	-53.4	13.2	0	39	9	4
500	5373	3	-30.9	10.3	2	75	319	13	500	5258	0	-35.4	8.5	1	53	316	7	500	5192	0	-38.9	9.1	0	56	24	6
700	2910	2	-16.4	10.8	1	63	329	7	700	2840	0	-20.5	8.9	0	56	330	5	700	2808	0	-24.3	7.5	0	66	19	5
850	1430	2	-10.1	7.6	1	53	343	5	850	1386	0	-14.9	8.2	0	56	340	5	850	1375	0	-18.3	7.1	0	64	13	5
1020	* 29		-14.1	2.2					1012	* 57		-18.9	3.6					1022	* 10		-30.4	5.6				
<b>N AMERICA - CANADA</b> RESOLUTE UA, N.W.T. 71924 APR 2003 7442N 09458W OB 3									<b>N AMERICA - CANADA</b> CAMBRIDGE BAY UA, N.W.T. 71925 APR 2003 6908N 10504W OB 3									<b>N AMERICA - CANADA</b> BAKER LAKE UA, N.W.T. 71926 APR 2003 6419N 09600W OB 3								
030	23637	0	-47.7	29.0	1	71	323	13	030	23746	0	-47.8	33.7	1	75	337	18	030	23739	0	-49.4	34.0	0	59	350	11
050	20282	0	-49.5	28.8	1	82	318	12	050	20388	0	-49.5	33.0	1	84	331	19	050	20397	0	-50.2	33.8	0	73	328	12
100	15763	0	-51.0	27.5	1	88	318	11	100	15883	1	-50.5	31.6	1	91	326	16	100	15886	0	-51.0	32.9	0	90	318	13
150	13119	0	-49.8	26.4	2	85	322	10	150	13218	0	-49.7	29.6	1	91	322	16	150	13239	0	-49.7	31.9	0	92	315	13
200	11234	0	-49.3	23.6	1	79	322	10	200	11336	0	-50.4	23.5	0	89	323	18	200	11358	0	-50.0	26.7	0	89	316	14
300	8596	0	-53.2	12.8	1	73	322	13	300	8718	0	-53.8	9.1	1	80	323	20	300	8736	0	-52.9	11.9	1	72	317	15
500	5211	0	-37.6	8.2	1	68	331	10	500	5308	0	-33.6	9.7	0	76	323	15	500	5317	0	-33.9	10.1	0	70	323	11
700	2818	0	-23.3	9.2	1	62	335	7	700	2873	0	-19.1	11.6	1	71	328	10	700	2884	0	-19.3	10.6	0	70	324	7
850	1378	0	-17.4	7.2	1	60	345	5	850	1408	0	-13.2	8.6	1	56	333	7	850	1418	0	-12.8	9.7	1	54	320	5
1013	* 40		-22.8	3.7					1020	* 26		-22.2	3.8					1022	* 50		-19.6	3.4				
<b>N AMERICA - CANADA</b> FORT SMITH UA, N.W.T. 71934 APR 2003 6002N 11156W OB 3									<b>N AMERICA - CANADA</b> FORT NELSON UA, B.C. 71945 APR 2003 5850N 12236W OB 3									<b>N AMERICA - CANADA</b> INUVIK UA, N.W.T. 71957 APR 2003 6819N 13332W OB 3								
030	23837	0	-50.9	32.3	1	61	359	9	030	23910	0	-50.6	33.1	5	53	8	6	030	23910	2	-47.4	32.1	2	59	303	10
050	20516	0	-51.4	32.1	0	70	329	8	050	20582	0	-50.7	32.7	5	51	333	5	050	20539	2	-48.4	32.2	2	77	294	11
100	16014	0	-51.6	31.7	0	81	298	8	100	16060	0	-50.6	32.9	5	56	288	5	100	15985	2	-48.9	31.5	2	84	278	9
150	13376	0	-50.4	28.7	1	80	288	9	150	13412	0	-49.6	31.0	6	61	269	6	150	13321	2	-49.0	29.1	2	87	274	10
200	11503	0	-52.0	18.5	0	76	283	10	200	11533	0	-50.9	23.5	5	56	251	7	200	11439	2	-51.4	20.1	2	85	271	10
300	8906	0	-52.3	8.4	0	61	276	13	300	8920	0	-51.8	9.2	5	54	224	11	300	8828	1	-51.8	8.7	2	63	260	9
500	5427	0	-27.8	9.9	0	50	280	7	500	5436	0	-27.3	12.6	4	43	208	5	500	5363	1	-29.9	10.4	1	76	246	8
700	2930	0	-12.0	10.6	0	35	270	3	700	2931	0	-11.3	6.5	2	39	193	3	700	2889	1	-15.1	10.4	1	67	237	5
850	1422	0	-4.5	10.2	0	17	170	1	850	1417	0	-2.6	6.2	2	7	76	1	850	1399	1	-8.1	7.7	1	51	202	3
992	* 203		-4.3	3.3					967	* 378		-2.1	2.8					1009	* 103		-12.1	2.2				

# UPPER AIR

# APRIL 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 - CANADA</b> WHITEHORSE, UA, Y.T. 71964 APR 2003 6042N 13504W OB 3								<b>N AMERICA - ST.MAARTEN, ST.EUST., SABA</b> JULIANA AIRPORT, ST. MAARTEN 78866 APR 2003 1803N 06307W OB 2								<b>N AMERICA - BARBADOS</b> GRANTLEY ADAMS 78954 APR 2003 1304N 05929W OB										
030	23926	7	-49.3	34.1	6	47	335	5	030	23891	5	-54.9		5	98	87	11	030	23850	6	-55.6	11.5	6	96	88	12
050	20588	3	-49.5	34.0	4	51	318	4	050	20691	3	-62.5		3	23	329	2	050	20655	6	-65.2	8.2	6	49	79	2
100	16038	3	-49.0	34.3	4	61	288	6	100	16645	2	-76.1		2	90	289	13	100	16634	5	-77.9	6.5	6	77	290	8
150	13373	3	-48.3	33.1	3	48	277	5	150	14243	2	-64.7		2	98	281	24	150	14256	5	-66.4	8.0	6	93	267	19
200	11495	2	-50.2	24.9	3	28	280	3	200	12441	1	-52.7		1	97	278	26	200	12457	5	-52.4	10.0	5	95	263	20
300	8863	2	-50.6	11.8	2	9	270	2	300	9708	1	-32.6		1	84	285	14	300	9706	5	-30.8	13.3	5	90	268	13
500	5393	1	-28.6	13.0	1	19	193	2	500	5909	0	-7.0	22.1	0	55	298	4	500	5881	4	-4.9	20.5	4	66	297	4
700	2900	1	-12.3	11.2	1	50	157	3	700	3210	0	7.1	4.8	0	54	108	3	700	3174	4	8.7	11.4	4	42	89	2
850	1393	1	-3.5	8.6	1	57	155	4	850	1556	0	15.6	11.0	0	84	109	6	850	1543	4	15.6	3.1	4	95	95	8
927	* 704		-4.6	5.5					1018	* 9		25.4	19.5					1010	* 56		26.3	4.4				
<b>N AMERICA - TRINIDAD AND TOBAGO</b> PIARCO INT. AIRPORT, TRINIDAD 78970 APR 2003 1037N 06121W OB 2								<b>N AMERICA - CURACAO AND BONAIRE</b> HATO AIRPORT, CURACAO 78988 APR 2003 1212N 06858W OB 3								<b>S AMERICA - COLOMBIA</b> BOGOTA/ELDORADO 80222 APR 2003 0442N 07408W OB 3										
030	24287	4	-57.2		4	99	95	14	030	23793	28	-56.4		9	84	49	7	030	23645	12	-60.2		9	35	88	4
050	21015	2	-65.7		2	24	65	1	050	20634	27	-65.4		9	40	280	7	050	20542	10	-69.6		9	97	293	30
100	16841	2	-78.7		2	73	305	6	100	16617	26	-77.9		9	59	259	5	100	16584	4	-80.7		9	48	73	8
150	14438	2	-66.5		2	88	275	12	150	14228	24	-65.2		9	95	267	13	150	14226	4	-67.6		9	38	307	10
200	12615	2	-52.2		2	91	260	13	200	12432	25	-53.2		9	95	266	13	200	12346	3	-53.3		6	54	275	16
300	9808	2	-29.8	15.6	2	85	265	8	300	9701	12	-30.1	9.7	9	67	246	8	300	9715	2	-30.9	20.8	4	66	275	16
500	5938	2	-4.7	22.1	2	36	320	3	500	5870	6	-4.9	10.0	6	15	195	1	500	5863	0	-4.3	11.8	3	28	81	4
700		1	9.8	14.9	1	74	110	5	700	3157	5	9.4	8.5	6	70	137	4	700	3145	0	8.9	4.2	3	88	116	8
850	1525	0	17.0	5.2	0	95	105	8	850	1515	4	18.3	5.0	4	93	108	7	752	*2546		10.0	1.0				
1014	* 15		27.4	3.7					1006	* 62		26.4	3.7													
<b>S AMERICA - COLOMBIA</b> LAS GAVIOTAS 80241 APR 2003 0433N 07055W OB 2								<b>S AMERICA - COLOMBIA</b> LETICIA/VASQUEZ COBO 80398 APR 2003 0433S 06932W OB 2								<b>S AMERICA - BRAZIL</b> BELEM (AEROPORTO) 82193 APR 2003 0123S 04829W OB 2										
030	23655	12	-60.0		9	56	110	8	030	23670	13	-61.9		9	74	101	12	030								
050	20532	5	-69.0		6	90	271	24	050	20569	7	-69.3		7	79	252	14	050	20666	18	-66.6	20.5	9	76	268	7
100	16566	4	-79.9		8	24	43	4	100	16588	5	-80.6		5	13	193	2	100	16652	7	-80.1	12.1	7	55	232	3
150	14212	4	-67.6		4	50	291	12	150	14282	5	-68.2		5	59	94	12	150	14288	6	-66.9	13.0	6	56	238	5
200	12421	3	-53.2		5	43	255	10	200	12450	5	-53.2		5	86	108	14	200	12491	6	-52.3	15.5	6	59	174	5
300	9678	3	-30.7	21.1	4	56	265	14	300	9726	3	-27.7	10.7	5	56	99	8	300	9730	4	-29.4	13.9	4	75	99	5
500	5843	3	-4.7	20.6	3	30	94	4	500	5871	4	-4.9		4	10	174	2	500	5885	5	-5.0	5.3	5	93	92	7
700	3128	3	9.0	6.3	6	65	50	6	700	3151	3	9.1	4.0	3	84	53	10	700	3164	4	9.6	3.0	4	94	96	8
850	1489	3	19.3	9.4	7	99	30	22	850	1511	3	18.5	4.8	3	83	47	12	850	1521	4	17.9	1.9	4	94	105	8
988	* 167		22.1	2.1					1001	* 84		23.7	.6					1010	* 16		26.9	2.3				

# UPPER AIR

# APRIL 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
S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 APR 2003 0309S 05959W OB 2								S AMERICA - BRAZIL FORTALEZA 82397 APR 2003 0346S 03836W OB								S AMERICA - BRAZIL FLORIANO 82678 APR 2003 0646S 04301W OB 2										
030	23837	12	-57.4	24.7	9	98	91	20	030									030	23712	8	-54.9		9	99	95	15
050	20682	8	-66.5	19.1	9	89	270	8	050	20587	11	-69.2		9	64	265	5	050	20581	4	-68.5		6	8	12	1
100	16648	5	-81.1	10.5	5	56	231	3	100	16592	5	-80.6		6	46	224	3	100	16593	0	-80.1		2	17	157	1
150	14290	4	-66.6	12.3	5	25	226	2	150	14244	1	-67.7		1	71	240	6	150	14244	0	-68.2		2	74	212	7
200	12489	4	-52.2	15.2	4	69	91	9	200	12454	0	-53.4		0	1	124	1	200	12456	0	-53.6		2	50	193	5
300	9731	4	-29.7	13.3	4	92	97	6	300	9710	0	-30.7	15.0	0	64	77	5	300	9715	0	-30.8	23.7	2	50	95	4
500	5891	2	-5.4	4.3	2	85	94	6	500	5882	0	-5.4	9.7	0	93	93	7	500	5889	0	-5.4	17.3	2	79	83	6
700	3172	2	8.7	1.9	2	99	86	7	700	3163	0	9.6	7.1	0	93	94	7	700	3169	0	9.5	10.8	2	92	99	6
850	1533	2	17.7	2.9	2	84	76	6	850	1525	0	17.2	7.0	0	95	111	9	850	1532	0	17.6	4.9	2	95	109	7
1004	* 84		25.6	1.4					1010	* 26		27.3	2.9					1000	* 123		26.2	3.3				
S AMERICA - BRAZIL CAROLINA 82765 APR 2003 0720S 04728W OB 2								S AMERICA - BRAZIL RECIFE (CURADO) 82900 APR 2003 0803S 03455W OB 2								S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 APR 2003 1244S 06008W OB 2										
030	23750	9	-59.2		9	97	93	15	030	23720	7	-59.5		9	97	92	16	030	23732	7	-57.3		7	97	88	14
050	20610	5	-67.6		6	14	131	1	050	20589	3	-68.5		6	27	80	2	050	20578	6	-61.5		6	89	101	8
100	16610	4	-79.8		5	38	121	3	100	16597	2	-80.0		5	1	302	1	100	16580	6	-79.2		6	19	142	2
150	14265	4	-68.3		5	65	209	6	150	14241	2	-68.1		5	57	243	7	150	14222	6	-68.4		6	80	280	8
200	12476	4	-53.2		5	46	192	3	200	12456	2	-53.7		5	45	341	5	200	12438	6	-53.9		6	59	311	5
300	9727	4	-30.3	21.9	5	46	100	3	300	9718	2	-31.1	19.3	5	47	61	4	300	9699	6	-31.3	15.2	6	13	90	1
500	5894	4	-5.1	19.2	4	79	76	6	500	5891	1	-5.3	22.5	6	86	97	6	500	5866	6	-5.4	13.6	6	33	120	2
700	3175	4	15.6	11.9	4	93	100	7	700	3169	1	10.0	13.1	7	82	110	5	700	3162	6	9.0	6.2	6	67	46	3
850	1538	4	18.7	8.5	4	99	98	8	850	1531	1	16.9	4.9	6	97	130	6	850	1523	6	18.2	4.8	6	70	48	5
992	* 192		25.6	2.0					1013	* 7		28.0	6.4					944	* 652		22.5	1.9				
S AMERICA - BRAZIL SALVADOR 83229 APR 2003 1301S 03831W OB 2								S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 APR 2003 1316S 04325W OB 2								S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 APR 2003 1539S 05606W OB										
030									030	23715	12	-57.0		9	97	82	15	030	23770	6	-56.4		9	99	90	14
050									050	20576	5	-68.2		8	81	130	11	050	20610	3	-68.0		9	95	103	10
100	16600	10	-78.7		9	42	226	3	100	16576	2	-79.6		6	50	210	4	100	16600	0	-78.2		5	35	244	3
150	14243	9	-67.9		9	59	226	7	150	14223	2	-68.0		5	62	248	7	150	14236	0	-68.3		2	75	268	11
200	12455	9	-53.6		9	35	261	4	200	12440	2	-54.1		5	57	239	7	200	12452	0	-53.9		2	77	272	10
300	9717	9	-31.3	24.8	9	5	218	1	300	9704	2	-31.1	26.3	5	11	117	1	300	9716	0	-31.5	14.9	2	39	266	4
500	5897	6	-4.9	20.7	6	45	83	3	500	5883	2	-5.5	25.0	5	50	45	3	500	5895	0	-5.4	15.4	1	42	348	3
700	3175	6	9.7	13.2	6	85	121	6	700	3171	1	8.9	13.4	4	73	109	4	700	3180	0	8.9	9.4	3	56	22	3
850	1540	5	16.6	5.4	5	95	120	6	850	1534	1	18.6	7.5	4	71	91	4	850	1542	0	18.3	6.6	2	59	32	4
1009	* 51		27.5	3.6					934	* 440		24.7	2.7					993	* 182		23.7	2.8				

# UPPER AIR

# APRIL 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
<b>S AMERICA - BRAZIL</b> BRASILIA (AEROPORTO) 83378 APR 2003 1552S 04756W OB 3									<b>S AMERICA - BRAZIL</b> CARAVELAS 83498 APR 2003 1744S 03915W OB 2									<b>S AMERICA - BRAZIL</b> CAMPO GRANDE (AEROPORTO) 83612 APR 2003 2028S 05440W OB 2															
030	23770	9	-56.0						030	23773	8	-56.4			8	97	95	15	030														
050	20609	6	-67.7						050	20614	4	-67.9			4	89	99	8	050														
100	16597	5	-77.1						100	16584	4	-77.4			3	38	243	3	100	16617	5	-75.4											
150	14234	5	-67.9						150	14221	3	-62.8			3	75	250	9	150	14217													
200	12448	4	-54.0						200	12436	3	-54.2			3	57	245	9	200	12410	2	-52.1											
300	9715	4	-31.5	26.4					300	9705	2	-32.2	22.2		3	40	274	4	300	9671	2	-31.9	12.9										
500	5897	4	-5.2	23.1					500	5894	2	-5.7	18.5		2	15	292	1	500	5866	1	-6.4	18.2										
700	3184	4	8.5	9.4					700	3182	2	8.9	10.6		2	20	124	1	700	3163	1	8.4	10.2										
850	1545	4	18.0	6.4					850	1545	2	16.7	8.3		2	68	121	4	850	1525	1	18.2	7.8										
899	*1061		20.7	3.0					1016	* 3		27.1	3.7						950	* 567		23.0	8.0										
<b>S AMERICA - BRAZIL</b> TRINDADE (ILHA) 83650 APR 2003 2030S 02919W OB 2									<b>S AMERICA - BRAZIL</b> GALEAO 83746 APR 2003 2249S 04315W OB 2									<b>S AMERICA - BRAZIL</b> CURITIBA (AEROPORTO) 83840 APR 2003 2531S 04910W OB 2															
030	23803	15	-55.0						030										030	23940	13	-52.6	26.9	9	88	91	7						
050	20617	4	-66.0		5	87	81	7	050	20726	15	-64.0	18.3					050	20714	10	-59.1	22.7	9	56	80	3							
100	16575	4	-76.6		5	79	274	8	100	16626	11	-74.1	11.5	9	89	265	12	100	16579	6	-72.9	15.1	8	94	261	17							
150	14196	4	-67.5		4	87	267	21	150	14216	10	-66.1	11.3	9	89	260	21	150	14160	4	-65.7	14.6	6	92	270	26							
200	12417	4	-53.5		4	83	273	15	200	12430	5	-53.7	13.2	7	86	258	22	200	12367	4	-54.3	16.2	4	93	275	32							
300	9702	4	-33.2	20.0	4	78	282	9	300	9696	4	-32.2	15.9	5	86	265	16	300	9646	4	-31.1	19.0	4	90	274	22							
500	5905	4	-5.9	27.1	4	38	301	3	500	5897	2	-6.5	22.8	3	68	277	7	500	5871	3	-7.1	24.3	3	86	266	10							
700	3194	4	8.9	18.5	5	22	16	1	700	3190	2	8.3	25.2	2	58	291	4	700	3172	3	7.3	13.1	3	86	285	6							
850	1563	3	16.1	7.1	4	63	79	3	850	1560	2	16.5	6.5	2	38	337	2	850	1548	3	14.5	3.7	3	38	334	3							
1018	* 5		28.7	6.5					1016	* 6		25.6	4.2					916	* 908		17.3	2.0											
<b>S AMERICA - BRAZIL</b> PORTO ALEGRE (AERO- PORTO) 83971 APR 2003 3000S 05111W OB 2									<b>S AMERICA - PERU</b> LIMA-CALLAO/AEROP. INTERNACI 84628 APR 2003 1200S 07707W OB 2									<b>S AMERICA - CHILE</b> ANTOFAGASTA 85442 APR 2003 2326S 07027W OB 2															
030	23939	9	-51.8	27.0	9	38	290	2	030	23862	17	-47.5		9	97	90	15	030	23827	2	-54.8		4	85	85	10							
050	20691	7	-61.1	23.7	7	77	241	5	050	20669	12	-65.0		9	81	88	6	050	20628	1	-64.7												
100	16489	5	-68.3	20.6	5	91	271	21	100	16637	12	-79.4		9	55	286	4	100	16540	1	-72.6												
150	14030	5	-63.2	20.2	5	96	270	27	150	14224	9	-65.8		9	87	274	11	150	14116	1	-65.0	24.6	4	97	279	29							
200	12232	3	-55.1	27.2	3	94	268	23	200	12406	9	-52.4		9	71	305	10	200	12324	0	-55.1	21.8	4	97	289	33							
300	9539	3	-36.8	21.3	3	94	271	25	300	9678	9	-30.8	22.3	9	70	296	7	300	9621	0	-35.2	28.3	3	90	283	20							
500	5804	3	-10.4	30.4	3	85	266	15	500	5878	6	-5.4	14.7	8	50	34	3	500	5857	0	-7.5	34.8	1	81	273	8							
700	3134	3	5.1	21.2	3	85	269	11	700	3150	6	11.2	19.3	6	36	149	2	700	3146	0	11.0		1	62	335	3							
850	1524	3	12.4	8.5	3	77	289	7	850	1508	5	17.4	8.3	5	46	351	2	850	1503	0	18.9		1	28	47	2							
1016	* 3		19.2	2.2					1011	* 13		17.5	1.7					1002	* 140		14.8	2.9											

# UPPER AIR

# APRIL 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>S AMERICA - CHILE</b> <b>PUERTO MONTT</b> <b>85799 APR 2003 4126S 07306W OB 2</b>								<b>S AMERICA - CHILE</b> <b>PUNTA ARENAS</b> <b>85934 APR 2003 5300S 07051W OB 2</b>								<b>S AMERICA - ARGENTINA</b> <b>CORDOBA AERO</b> <b>87344 APR 2003 3119S 06413W OB /</b>										
030	23789	2	-56.2	36.9	3	81	244	6	030	23617	4	-58.5	31.1	5	96	250	14	030	23813	1	-55.4	29.8	3	78	283	4
050	20570	1	-59.4		2	81	261	7	050	20392	2	-58.2	31.4	3	93	235	6	050	20606	1	-60.3	23.6	1	40	279	7
100	16235	0	-59.8		2	92	267	17	100	16006	1	-56.7	31.8	2	92	256	15	100	16418	0	-68.2	23.5	1	94	273	23
150	13691	0	-57.8		3	90	269	20	150	13430	1	-56.1	29.5	2	83	252	17	150	13955	0	-58.5	19.9	1	88	275	32
200	11869	0	-56.7		3	84	265	23	200	11610	1	-58.6	17.8	2	75	249	18	200	12159	0	-56.9	16.9	1	81	284	37
300	9250	0	-44.9	15.3	1	73	262	18	300	9024	1	-48.7	10.9	3	66	253	18	300	9498	0	-39.4	18.3	1	80	278	29
500	5639	0	-18.4	15.7	2	71	271	11	500	5479	0	-23.0	14.4	1	69	255	13	500	5793	0	-11.3	18.2	2	77	271	17
700	3046	0	-2.2	17.2	4	66	264	7	700	2932	0	-6.6	12.4	2	78	252	13	700	3120	0	6.0	17.2	3	43	268	9
850	1481	0	5.2	10.7	2	31	257	2	850	1391	0	1.2	9.2	2	82	253	12	850	1511	0	11.8	6.6	4	3	352	6
1007	* 90		5.8	.3					1004	* 43		5.2	4.0					961	* 474		15.0	4.2				
<b>S AMERICA - ARGENTINA</b> <b>EZEIZA AERO</b> <b>87576 APR 2003 3449S 05832W OB 3</b>								<b>S AMERICA - UK FALKLAND ISLANDS</b> <b>MOUNT PLEASANT AIRPORT</b> <b>88889 APR 2003 5149S 05827W OB</b>								<b>ANTARCTICA - UNITED KINGDOM (ANTARCTIC)</b> <b>HALLEY</b> <b>89022 APR 2003 7530S 02639W OB 2</b>										
030	23815	6	-54.8		9	83	270	8	030	23601	0	-58.1		0	96	250	16	030	22768	2	-65.1	25.1	2	87	240	15
050	20606	5	-61.9		9	87	280	8	050	20387	0	-58.4		0	96	246	16	050	19646	2	-63.0	26.0	3	84	237	14
100	16370	4	-64.5		9	98	270	24	100	16002	0	-56.7		0	93	250	16	100	15330	2	-57.3	27.7	2	85	220	12
150	13873	3	-60.8		9	94	275	37	150	13426	0	-56.2		0	88	249	18	150	12750	2	-54.1	26.8	2	79	213	10
200	12062	0	-57.3		7	98	295	45	200	11598	0	-51.9		0	79	250	18	200	10910	2	-53.5	20.9	3	71	210	10
300	9417	0	-41.3	11.6	9	92	275	32	300	8999	0	-48.3	9.2	0	65	250	16	300	8321	2	-56.7	7.0	2	39	214	8
500	5743	0	-13.7	16.8	7	84	265	16	500	5463	0	-23.7	10.8	0	65	248	12	500	4942	2	-35.9	8.3				
700	3101	0	2.7	18.1	7	59	250	5	700	2920	0	-7.4	11.9	0	68	236	11	700	2534	2	-22.0	10.1	2	6	128	1
850	1510	0	10.1	13.6	9	29	200	2	850	1384	0	.6	8.4	0	68	234	9	850	1092	2	-17.3	9.1	2	50	59	4
1015	* 20		13.1	1.5					999	* 73		5.7	1.9					979	* 30		-24.3	2.9				
<b>ANTARCTICA - USSR (ANTARCTIC)</b> <b>MIRNYJ</b> <b>89592 APR 2003 6633S 09301E OB 1</b>								<b>ANTARCTICA - GERMANY (ANTARCTIC)</b> <b>NEUMAYER</b> <b>89002 APR 2003 7040S 00815W OB 2</b>								<b>ANTARCTICA - JAPAN (ANTARCTIC)</b> <b>SYOWA</b> <b>89532 APR 2003 6900S 03935E OB 1</b>										
030	23074	9	-59.3	8.0	9	96	273	23	030	22824	1	-63.5	22.8	2	91	254	16	030	22895	5	-62.5		8	99	269	27
050	19856	6	-57.9	8.0	7	97	273	20	050	19678	1	-61.4	24.0	2	90	247	13	050	19722	0	-60.7		0	98	274	22
100	15455	5	-54.4	7.4	5	95	269	16	100	15333	1	-56.3	26.3	2	78	236	10	100	15367	0	-56.2		0	97	275	18
150	12842	5	-51.8	6.5	5	94	271	14	150	12743	1	-53.1	28.2	2	66	230	8	150	12775	0	-53.3		0	94	278	15
200	10974	5	-51.4	5.4	5	89	272	13	200	10887	1	-52.2	27.7	2	63	221	7	200	10920	0	-52.9		0	92	281	15
300	8370	5	-54.1	4.3	5	67	273	11	300	8296	1	-56.3	9.4	2	41	205	7	300	8340	0	-56.9		0	67	303	11
500	4958	5	-35.3	4.9	5	40	272	4	500	4923	1	-36.7	10.1	2	18	187	2	500	4964	0	-36.1	5.9	0	61	311	7
700	2549	4	-21.2	5.1	4	21	84	2	700	2526	1	-22.9	9.1	2	41	77	4	700	2553	0	-20.6	6.7	0	54	346	5
850	1088	4	-16.1	5.8	4	93	89	9	850	1080	1	-15.2	5.3	2	63	78	7	850	1091	0	-11.9	5.5	3	69	16	7
976	* 30		-14.7	3.2					975	* 50		-17.1	4.1					976	* 21		-7.7	3.8				

# UPPER AIR

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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
ANTARCTICA - AUSTRALIA (ANTARCTIC) MAWSON 89564 APR 2003 6736S 06252E OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 APR 2003 6835N 07758W OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 APR 2003 6617S 11031E OB 3									
030	22953	3	-61.4	29.6	4	98	266	28	030	22874	0	-62.2	28.3	1	96	267	25	030	23025	1	-59.9	29.7	4	96	285	25	
050	19778	3	-59.8	30.0	4	99	264	24	050	19707	0	-60.4	28.3	1	98	267	21	050	19829	1	-58.6	30.1	3	95	287	22	
100	15404	3	-55.6	31.0	4	99	262	20	100	15346	0	-55.7	29.0	1	96	263	16	100	15439	1	-54.8	30.4	4	94	288	18	
150	12803	3	-52.6	31.3	4	99	260	19	150	12749	0	-52.9	29.1	1	95	261	14	150	12833	1	-52.2	30.2	4	93	287	16	
200	10941	3	-51.6	29.8	4	97	257	18	200	10889	0	-52.2	26.6	1	95	263	13	200	10970	1	-52.1	25.7	4	90	292	16	
300	8347	2	-54.2	12.8	3	88	251	21	300	8293	0	-56.3	10.8	1	70	268	11	300	8376	1	-55.9	9.6	2	71	289	13	
500	4964	2	-36.5	10.3	2	80	247	12	500	4926	0	-37.6	10.5	1	45	272	5	500	4979	1	-34.9	11.8	2	61	300	7	
700	2561	2	-22.6	11.6	2	59	231	7	700	2536	0	-23.5	7.6	1	20	28	2	700	2559	1	-20.2	9.1	2	32	319	3	
850	1125	2	-19.1	9.3	2	67	113	5	850	1097	0	-17.2	4.1	1	68	39	6	850	1099	1	-13.0	6.6	2	42	356	3	
9999	* 16								9999	* 13								9999	* 42								
ANTARCTICA - FRANCE (ANTARCTIC) DUMONT D'URVILLE 89642 APR 2003 6640S 14001E OB 1									SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 APR 2003 0518N 10016E OB 3									SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 APR 2003 0610N 10217E OB 3									
030									030	23701	18	-60.5	29.8	9	97	90	19	030	23712	0	-59.8	30.8	0	97	89	18	
050	19942	4	-58.2		6	98	285	27	050	20577	11	-68.7	17.6	9	62	273	4	050	20587	0	-68.9	20.1	0	57	269	4	
100	15541	1	-54.1		5	98	279	25	100	16602	0	-82.1	12.7	3	70	101	7	100	16613	0	-82.0	13.8	0	72	100	7	
150	12930	1	-51.8		5	94	278	25	150	14260	0	-67.5	11.0	1	67	126	5	150	14272	0	-67.3	12.6	0	54	136	4	
200	11061	1	-51.2		5	93	277	27	200	12465	0	-52.4	10.2	1	75	141	5	200	12475	0	-52.2	13.3	0	64	143	5	
300	8450	1	-53.2		4	88	275	31	300	9708	0	-29.6	12.7	1	68	97	4	300	9718	0	-29.5	16.6	0	70	98	4	
500	5029	0	-33.3	9.6	4	90	272	19	500	5870	0	-4.6	12.9	1	91	87	5	500	5875	0	-4.0	19.2	0	92	89	6	
700	2589	0	-19.2	10.1	5	64	260	8	700	3145	0	10.4	9.9	1	64	68	4	700	3147	0	10.7	14.8	0	75	80	4	
850	1138	0	-17.1	11.5	5	67	153	6	850	1500	0	19.1	4.8	1	60	49	2	850	1503	0	19.5	8.9	0	48	83	2	
983	* 43		-15.0	5.6					9999	* 4								9999	* 5								
SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 APR 2003 0122N 10359E OB 3									SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 91285 APR 2003 1943N 15504W OB 2									SW PACIFIC - NEW CALEDONIA NOUMEA (NLE-CALEDONIE) 91592 APR 2003 2216S 16627E OB /									
030	23676	3	-61.3	29.6	4	97	90	20	030	23737	2	-56.4	13.9	2	85	93	7	030	23794	10	-55.3						
050	20566	3	-68.6	18.3	3	74	272	6	050	20560	2	-65.0	11.4	3	42	144	2	050	20608	1	-65.7			2	86	85	6
100	16592	3	-82.5	11.7	3	60	94	6	100	16450	2	-73.4	9.5	3	96	271	20	100	16558	1	-78.9			2	94	281	18
150	14251	2	-67.5	10.9	2	59	104	5	150	14044	2	-66.5	10.8	2	96	272	38	150	14199	1	-67.0			2	95	285	30
200	12457	2	-52.5	10.4	2	74	113	5	200	12258	2	-55.2	13.1	2	95	267	40	200	12403	1	-52.4			2	94	284	32
300	9701	2	-29.5	10.8	2	77	96	5	300	9563	2	-36.2	17.8	2	93	265	22	300	9658	1	-31.4	18.7	2	91	286	25	
500	5862	2	-4.7	6.7	2	80	84	4	500	5822	2	-10.4	25.3	2	68	254	5	500	5852	1	-5.8	21.8	3	84	283	13	
700	3137	2	9.9	5.0	2	28	45	1	700	3150	3	5.5	23.7	2	40	117	2	700	3140	1	8.4	16.3	2	67	293	5	
850	1495	2	18.6	4.4	2	38	6	2	850	1545	2	11.7	2.5	5	79	101	4	850	1516	1	14.2	4.1	3	25	106	2	
1007	* 16		27.3	2.3					1018	* 11		20.1	2.5					1007	* 72		25.2	5.3					



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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
SW PACIFIC - FIJI NANDI 91680 APR 2003 1745S 17727E OB 3									SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 APR 2003 0948S 13902W OB 3									SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 APR 2003 1733S 14937W OB 2											
030	23875	20	-53.8						030	23678	1	-58.7			5	0	90	14	030	23750	6	-56.4							
050	20674	8	-64.5						050	20543	0	-69.4			1	9	15	1	050	20584	3	-66.2				5	93	73	7
100	16651	0	-80.8	19.2	6	36	291	4	100	16545	0	-80.6			1	83	276	10	100	16545	1	-78.0				1	58	249	6
150	14293	0	-66.6	18.1	4	71	266	10	150	14196	0	-67.9			1	97	278	16	150	14190	1	-68.3				2	66	259	11
200	12492	0	-51.8	18.6	3	71	271	8	200	12413	0	-53.7			0	84	283	13	200	12410	1	-54.3				1	65	248	11
300	9730	0	-29.2	21.4	1	71	282	6	300	9678	0	-31.6	20.6	0	58	271	6	300	9679	1	-32.0	14.6			1	54	261	7	
500	5886	0	-4.3	20.8	3	37	283	3	500	5859	0	-5.0	28.5	0	67	76	4	500	5870	1	-6.0	14.9			1	47	294	4	
700	3156	0	10.9	14.9	5	45	12	4	700	3136	0	10.6	18.7	0	63	76	3	700	3157	1	9.5	12.5			1	50	339	3	
850	1512	0	18.3	6.9	4	39	34	3	850	1497	0	16.8	3.7	0	92	101	6	850	1519	1	17.7	6.4			1	50	34	3	
1010	* 25		29.8	6.3					1004	* 52		30.2	6.6						1012	* 2		30.2	6.6						
SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 APR 2003 2308S 13458W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 APR 2003 2321S 14929W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 APR 2003 2737S 14420W OB 3											
030	23789	2	-54.8		2	95	83	10	030	23797	8	-55.2		8	95	80	10	030	23814	9	-54.2				9	87	68	7	
050	20596	0	-64.8		1	79	76	6	050	20599	3	-64.2		3	67	64	4	050	20593	7	-62.1				9	44	42	2	
100	16502	0	-74.9		0	82	267	12	100	16516	1	-76.2		1	72	259	12	100	16453	8	-72.5				8	85	260	14	
150	14120	1	-68.1		0	77	255	17	150	14137	1	-67.0		1	67	258	19	150	14049	8	-66.7				8	83	256	25	
200	12347	0	-55.5		0	79	258	18	200	12354	1	-54.5		1	60	258	19	200	12262	7	-55.6				7	80	255	26	
300	9638	0	-34.1	14.1	0	86	275	13	300	9634	1	-33.4	12.2	1	67	274	14	300	9568	6	-35.6				7	80	265	16	
500	5860	1	-7.8	16.4	1	65	279	6	500	5846	1	-7.1	13.8	1	71	294	10	500	5816	5	-8.9	20.5			5	75	276	11	
700	3161	0	8.4	15.3	1	43	299	3	700	3145	1	8.1	10.6	1	65	303	8	700	3135	1	6.5	18.0			1	73	299	8	
850	1533	0	15.3	3.4	0	33	27	2	850	1517	1	15.2	3.4	1	53	332	5	850	1520	0	12.9	3.9			0	44	330	4	
1005	* 89		25.8	4.6					1013	* 3		26.4	4.7						1015	* 2		23.5	4.7						
SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 APR 2003 3678S 17463E OB 1									SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 APR 2003 4054S 17459E OB 1									SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 APR 2003 4625S 16819W OB 1											
030	23871	0	-55.7		2	39	69	2	030	20622	7	-59.2		7	65	283	4	030	23851	15	-55.4								
050	20661	0	-60.7		2	18	135	1	050	16286	0	-59.6		0	85	277	14	050	20601	4	-56.6				3	80	272	8	
100	16366	0	-62.2		0	88	281	15	100	13738	0	-57.6		0	83	278	18	100	16217	0	-57.5				0	86	263	13	
150	13841	0	-58.1		0	92	283	28	150	11920	0	-56.9		0	69	277	15	150	13657	0	-57.3				0	77	260	14	
200	12013	0	-54.5		0	88	290	29	200	9300	0	-44.4		0	56	272	11	200	11852	0	-59.2				0	65	258	14	
300	9358	0	-42.6		0	75	295	18	300	5676	0	-17.5	18.1	0	63	270	8	300	9252	0	-45.8				0	54	255	11	
500	5711	0	-15.7	19.5	0	64	291	7	500	3071	0	-1.0	16.6	1	43	265	4	500	5648	0	-18.6	15.7			0	50	244	8	
700	3089	0	.9	19.7	0	36	273	3	700	1503	0	4.9	5.1	2	15	239	1	700	3056	0	-2.5	16.7			0	42	239	6	
850	1509	0	6.9	5.9	0	4	313	1	850	* 12		16.0	6.3						850	1495	0	3.3	9.6			0	40	271	4
1014	* 27		18.4	4.9															1020	* 4		11.0	3.6						

# UPPER AIR

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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>SW PACIFIC - NEW ZEALAND</b> CHATHAM ISLAND 93986 APR 2003 4357S 17634W OB 1									<b>SW PACIFIC - NEW ZEALAND</b> KERMADEC IS. 93997 APR 2003 2915S 17755W OB 1									<b>SW PACIFIC - AUSTRALIA</b> DARWIN AIRPORT 94120 APR 2003 1225S 13053E OB /									
030	23838	6	-55.5		7	33	323	2	030	23879	9	-53.4						030	23763	3	-57.9	31.3	3	97	91	16	
050	20608	3	-57.6		4	76	262	7	050	20666	3	-63.2			5	19	115	1	050	20605	2	-67.1	27.2	2	73	86	5
100	16243	0	-58.0		1	88	275	16	100	16520	1	-72.6			3	92	272	21	100	16617	0	-81.1	14.8	0	30	201	3
150	13681	0	-56.5		1	85	273	21	150	14097	1	-64.4			2	94	271	40	150	14267	0	-67.5	15.3	0	47	282	5
200	11853	0	-56.9		1	74	270	21	200	12296	1	-53.8			2	93	271	44	200	12474	0	-52.6	19.7	0	69	254	6
300	9237	0	-45.0		2	59	266	15	300	9573	0	-34.4	16.5		1	86	282	31	300	9722	0	-30.1	23.7	0	49	213	4
500	5622	0	-18.0	16.0	1	60	260	11	500	5811	0	-9.3	19.5		1	86	286	17	500	5887	0	-3.9	27.1	0	30	164	2
700	3028	0	-2.0	19.1	1	52	246	7	700	3134	0	5.8	17.0		2	64	288	6	700	3163	0	9.4	14.2	1	64	109	5
850	1464	0	4.5	8.5	2	43	256	6	850	1522	0	12.5	6.9		2	32	324	2	850	1526	0	18.4	8.6	1	95	101	9
1009	* 48		13.5	4.4					1010	* 49		22.9	4.7						9999	* 31							
<b>SW PACIFIC - AUSTRALIA</b> GOVE AIRPORT 94150 APR 2003 1217S 13649E OB /									<b>SW PACIFIC - AUSTRALIA</b> BROOME AIRPORT 94203 APR 2003 1757S 12214E OB /									<b>SW PACIFIC - AUSTRALIA</b> TOWNSVILLE AERO 94294 APR 2003 1915S 14645E OB /									
030	23738	1	-58.6	30.7	1	96	93	15	030	23766	0	-56.8	30.9	0	99	89	15	030	23785	2	-55.5	31.0	2	95	86	13	
050	20589	0	-67.1	23.6	0	75	85	6	050	20598	0	-66.3	25.8	0	96	94	9	050	20607	0	-65.3	26.9	0	92	98	8	
100	16610	0	-81.6	13.0	0	40	224	4	100	16593	0	-79.5	14.5	0	93	272	13	100	16571	0	-78.6	16.3	0	92	273	16	
150	14265	0	-67.5	13.1	0	62	287	7	150	14232	0	-67.1	14.8	0	94	266	20	150	14198	0	-65.9	17.8	0	98	280	28	
200	12472	0	-52.6	16.2	0	72	300	7	200	12440	0	-53.3	15.5	0	94	259	22	200	12397	0	-52.2	20.9	0	96	285	29	
300	9718	0	-29.9	23.6	0	57	248	5	300	9702	0	-31.5	15.9	0	90	267	15	300	9654	0	-32.2	22.6	1	95	278	23	
500	5881	0	-3.8	24.2	0	51	189	3	500	5884	0	-5.0	23.5	0	60	269	4	500	5863	0	-6.2	27.5	0	83	267	8	
700	3159	0	9.3	11.1	0	64	117	6	700	3171	0	8.0	12.5	1	72	65	5	700	3161	0	7.2	11.9	0	43	175	3	
850	1522	0	18.1	8.4	0	98	101	10	850	1535	0	20.1	14.1	2	61	67	4	850	1538	0	15.6	7.3	0	86	104	6	
9999	* 54								9999	* 7									9999	* 9							
<b>SW PACIFIC - AUSTRALIA</b> WILLIS ISLAND 94299 APR 2003 1618S 14959E OB /									<b>SW PACIFIC - AUSTRALIA</b> PORT HEDLAND PARDOO 94312 APR 2003 2022S 11838E OB /									<b>SW PACIFIC - AUSTRALIA</b> ALICE SPRINGS AERO 94326 APR 2003 2348S 13353E OB /									
030	23757	1	-57.0	31.3	1	99	85	14	030	23797	4	-56.3	31.2	6	96	85	13	030	23823	1	-55.2	31.8	1	98	80	11	
050	20594	1	-66.5	24.7	1	87	98	8	050	20613	3	-65.0	23.6	4	88	96	9	050	20631	0	-63.9	27.9	0	92	104	8	
100	16596	1	-80.5	13.9	1	87	277	10	100	16576	2	-77.8	15.3	4	96	276	15	100	16535	0	-74.9	18.9	0	94	261	19	
150	14243	0	-67.2	13.2	1	95	291	19	150	14205	2	-66.8	15.5	3	96	272	27	150	14125	0	-64.1	19.3	0	93	262	30	
200	12447	0	-52.5	15.1	0	95	295	19	200	12412	2	-53.4	16.3	2	95	269	29	200	12323	0	-53.7	18.3	0	94	255	33	
300	9698	0	-30.4	23.0	0	85	287	15	300	9680	2	-32.5	16.0	2	93	269	20	300	9610	0	-35.3	16.7	0	90	256	23	
500	5877	0	-4.7	27.7	0	68	276	7	500	5878	0	-6.2	21.1	0	74	269	7	500	5856	0	-9.0	22.1	0	74	246	8	
700	3158	0	9.5	17.5	0	16	162	1	700	3171	0	8.0	15.5	0	41	21	4	700	3173	0	7.1	20.4	0	30	236	3	
850	1525	0	16.1	7.9	0	91	119	7	850	1538	0	19.6	15.4	0	51	43	4	850	1549	0	16.2	14.1	0	42	74	4	
9999	* 6								9999	* 9									9999	* 546							

# UPPER AIR

# APRIL 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>SW PACIFIC - AUSTRALIA</b> <b>MT ISA AERO</b> 94332 APR 2003 2041S 13929E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>GERALDTON AIRPORT</b> 94403 APR 2003 2848S 11442E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>MEEKATHARRA AIRPORT</b> 94430 APR 2003 2637S 11833E OB 2										
030	23802	1	-55.2	32.0	1	96	83	12	030	23826	1	-55.1	30.0	3	89	79	7	030	23821	2	-54.6	30.7	3	89	75	9		
050	20615	1	-64.8	29.3	1	88	97	8	050	20616	0	-62.3	28.1	2	20	58	1	050	20619	1	-63.4	25.5	1	51	79	3		
100	16557	0	-77.2	19.3	1	92	265	18	100	16435	0	-69.8	23.9	0	93	279	21	100	16484	1	-71.8	19.1	1	93	276	19		
150	14174	0	-65.3	22.4	0	95	268	28	150	13987	0	-63.7	20.5	0	96	278	37	150	14063	1	-64.8	17.4	1	96	274	37		
200	12370	0	-52.5	23.6	0	95	265	28	200	12192	0	-55.5	18.6	0	95	277	38	200	12270	1	-54.7	16.4	1	98	273	41		
300	9643	0	-33.8	22.6	0	94	259	22	300	9514	0	-38.5	15.0	0	95	278	27	300	9573	1	-36.9	13.8	1	96	276	28		
500	5864	0	-7.2	28.6	0	84	243	8	500	5804	0	-11.6	17.9	0	91	290	14	500	5836	1	-9.8	20.1	1	93	288	12		
700	3170	0	7.0	16.5	0	57	194	4	700	3140	0	5.3	18.9	2	75	307	8	700	3160	1	6.2	12.5	1	82	279	7		
850	1544	0	17.9	13.4	0	57	105	4	850	1527	0	14.6	11.5	2	35	328	2	850	1537	1	16.8	12.1	1	48	343	3		
9999	* 340								9999	* 33									9999	* 517								
<b>SW PACIFIC - AUSTRALIA</b> <b>GILES</b> 94461 APR 2003 2502S 12817E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>PERTH AIRPORT</b> 94610 APR 2003 3156S 11558E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>EUCLA</b> 94647 APR 2003 3141S 12853E OB										
030	23824	0	-55.1	29.9	1	92	78	10	030	23823	1	-54.8	31.5	5	72	79	4	030	23845	4	-54.8	29.5	4	59	69	3		
050	20626	0	-63.7	26.7	1	85	118	7	050	20606	1	-61.3	28.7	5	27	284	2	050	20632	2	-61.8	26.4	2	52	128	3		
100	16517	0	-74.2	18.9	1	96	267	20	100	16371	0	-66.7	25.3	3	90	277	20	100	16414	1	-67.1	22.8	3	95	268	18		
150	14110	0	-64.8	18.0	1	96	264	32	150	13896	0	-61.9	22.7	0	96	279	32	150	13938	1	-61.8	20.1	4	93	261	27		
200	12313	0	-54.2	17.5	1	94	257	36	200	12099	0	-56.6	18.1	0	94	279	32	200	12138	1	-56.3	16.8	3	93	263	29		
300	9605	0	-35.6	16.0	1	92	259	24	300	9446	0	-40.5	14.5	0	87	283	22	300	9478	1	-39.9	13.6	2	89	265	21		
500	5854	0	-8.8	21.7	1	77	255	9	500	5765	0	-13.6	18.1	0	81	285	13	500	5786	1	-13.2	17.4	2	84	266	11		
700	3171	0	6.9	19.1	0	43	266	4	700	3121	0	3.2	20.1	0	72	298	8	700	3137	1	4.0	19.7	1	68	270	5		
850	1548	0	16.8	15.5	0	7	10	1	850	1523	0	11.6	10.7	1	33	323	3	850	1538	1	10.3	9.1	1	27	258	2		
9999	* 598								9999	* 31									9999	* 102								
<b>SW PACIFIC - AUSTRALIA</b> <b>COBAR</b> 94711 APR 2003 3129S 14550E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>WILLIAMTOWN AERODROME</b> 94776 APR 2003 3248S 15150E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>ALBANY AIRPORT</b> 94802 APR 2003 3456S 11748E OB /										
030	23844	2	-55.7	32.0	3	68	79	4	030	23851	7	-55.8	32.0	7	71	81	4	030	23845	8	-55.2	32.3	8	10	135	1		
050	20640	2	-61.5	30.2	3	51	55	3	050	20645	2	-61.0	30.1	2	50	63	3	050	20622	3	-59.6	30.9	3	66	267	5		
100	16395	1	-65.1	28.1	2	88	263	15	100	16375	0	-63.9	28.0	0	91	266	14	100	16340	0	-63.8	29.5	0	88	281	19		
150	13897	1	-59.6	26.5	1	90	268	23	150	13864	0	-58.7	27.3	0	91	270	22	150	13838	0	-60.4	25.7	0	92	278	27		
200	12086	0	-56.0	20.5	0	85	262	24	200	12042	0	-55.8	20.0	0	86	264	23	200	12038	0	-57.7	16.6	0	90	278	28		
300	9437	0	-41.6	16.8	0	69	256	16	300	9402	0	-42.7	16.2	0	68	257	13	300	9398	0	-41.6	14.6	1	79	281	19		
500	5778	0	-15.0	18.9	0	68	245	9	500	5755	0	-15.6	18.8	0	62	239	7	500	5738	0	-15.1	17.0	0	74	285	12		
700	3147	0	2.1	22.5	0	35	227	3	700	3129	0	.9	15.7	0	51	201	5	700	3108	0	1.9	15.6	1	63	297	7		
850	1556	0	10.2	10.3	1	16	118	1	850	1548	0	8.4	4.2	0	38	165	3	850	1520	0	9.3	6.1	1	47	300	5		
9999	* 264								9999	* 8									9999	* 69								

# UPPER AIR

# APRIL 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 MOUNT GAMBIER AERO 94821 APR 2003 3744S 14047E OB /								SW PACIFIC - AUSTRALIA MELBOURNE AIRPORT 94866 APR 2003 3740S 14451E OB								SW PACIFIC - AUSTRALIA WAGGA AIRPORT 94910 APR 2003 3510S 14727E OB /												
030	23875	3	-55.2	32.2	3	56	81	3	030	23840	6	-56.5	31.7	6	53	82	3	030	23859	1	-55.9	30.9	1	57	78	3		
050	20648	2	-58.9	30.7	2	17	255	1	050	20630	3	-59.3	30.0	3	8	123	1	050	20647	1	-59.8	29.7	1	34	89	2		
100	16325	0	-61.1	29.5	0	76	262	11	100	16317	0	-61.1	27.4	0	75	262	10	100	16349	0	-62.1	27.9	0	77	266	12		
150	13796	0	-58.8	24.8	0	74	255	14	150	13786	0	-58.7	23.8	0	65	260	12	150	13825	0	-58.7	25.5	0	81	266	16		
200	11993	0	-58.6	16.9	0	59	249	14	200	11982	0	-58.9	14.8	0	53	250	12	200	12012	0	-57.2	17.3	0	64	260	16		
300	9371	0	-43.6	14.0	0	44	252	9	300	9366	0	-44.1	13.2	0	35	240	8	300	9386	0	-43.4	14.6	0	48	264	10		
500	5737	0	-16.6	17.5	0	36	255	5	500	5737	0	-16.6	19.2	0	36	236	5	500	5749	0	-16.2	17.9	0	46	239	6		
700	3123	0	.1	17.1	0	37	266	4	700	3123	0	-.1	16.2	1	38	252	4	700	3131	0	.1	15.8	0	30	245	3		
850	1544	0	7.7	10.8	0	12	292	1	850	1545	0	7.9	10.5	0	13	240	1	850	1552	0	8.4	8.2	0	8	306	1		
9999	* 69								9999	* 132									9999	* 213								
SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 APR 2003 4250S 14729E OB /								SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 APR 2003 3132S 15904E OB /								SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 APR 2003 2902S 16756E OB /												
030	23873	1	-55.8	31.7	2	10	331	1	030	23843	1	-55.5	30.6	2	77	79	4	030	23844	1	-54.4	31.7	1	61	64	4		
050	20635	0	-57.0	31.3	0	53	278	4	050	20639	0	-61.5	28.5	1	62	84	3	050	20641	1	-62.9	28.9	1	58	75	3		
100	16268	0	-59.0	30.6	0	75	268	10	100	16394	0	-65.0	27.8	0	92	282	17	100	16473	0	-69.9	23.9	0	93	284	22		
150	13722	0	-58.8	25.4	0	62	260	10	150	13895	0	-59.2	28.6	0	94	281	29	150	14024	0	-63.0	22.3	0	95	283	42		
200	11920	0	-59.0	15.6	0	47	250	10	200	12070	0	-54.0	25.2	0	91	283	32	200	12213	0	-52.8	20.8	0	93	286	45		
300	9312	0	-45.0	14.6	0	42	254	8	300	9407	0	-41.2	21.1	0	87	273	20	300	9505	0	-36.8	15.5	0	91	289	32		
500	5698	0	-17.6	17.1	0	34	258	5	500	5741	0	-14.8	19.7	0	74	262	7	500	5777	0	-10.9	26.0	0	86	280	13		
700	3097	0	-1.6	16.6	0	36	266	4	700	3109	0	2.0	20.6	1	42	233	3	700	3116	0	4.3	19.9	0	52	269	4		
850	1531	0	5.0	9.5	0	27	256	3	850	1523	0	8.7	5.9	1	26	144	2	850	1517	0	10.3	5.1	0	30	138	2		
9999	* 27								9999	* 6									9999	* 109								
SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) MACQUARIE ISLAND 94998 APR 2003 5429S 15856E OB 3								SW PACIFIC - BRUNEI DARUSSALAM BRUNEI AIRPORT 96315 APR 2003 0456N 11456E OB 3								SW PACIFIC - MALAYSIA (SABAH & SARAWAK) KUCHING 96413 APR 2003 0129N 11020E OB 3												
030	23720	2	-54.8	29.0	5	93	281	19	030									030	23702	4	-60.8	29.5	4	97	88	19		
050	20460	1	-55.4	28.8	4	94	272	19	050									050	20584	0	-68.5	18.9	0	77	272	6		
100	16042	1	-55.7	28.1	3	92	272	22	100	16597	13	-82.2	15.9	9	72	89	7	100	16610	0	-82.6	13.5	0	68	81	7		
150	13461	0	-55.9	24.7	3	91	272	28	150	14259	4	-67.4	13.9	5	59	124	6	150	14266	0	-67.4	11.7	0	73	110	7		
200	11644	0	-58.9	14.9	2	86	267	34	200	12460	2	-52.4	13.9	3	52	143	4	200	12473	0	-52.5	10.7	0	81	108	7		
300	9053	0	-47.4	10.5	2	81	269	32	300	9705	1	-29.7	18.7	2	64	106	5	300	9716	0	-29.5	8.3	0	81	109	5		
500	5484	0	-21.5	10.7	2	85	271	26	500	5866	0	-4.4	16.5	1	88	91	6	500	5876	0	-4.9	6.0	0	77	88	4		
700	2926	0	-6.1	9.9	1	86	271	22	700	3141	0	10.5	11.2	1	78	88	4	700	3152	0	10.0	4.8	0	25	66	1		
850	1385	0	.3	6.8	1	87	269	17	850	1497	0	18.8	5.6	1	58	85	3	850	1508	0	18.8	4.7	0	34	253	1		
9999	* 6								1004	* 15		27.6	2.7					9999	* 27									

# UPPER AIR

# APRIL 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 - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>BINTULU</b> 96441 APR 2003 0312N 11302E OB 3									<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>KOTA KINABALU</b> 96471 APR 2003 0556N 11603E OB 3									<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>TAWAU</b> 96481 APR 2003 0416N 11753E OB 3								
030									030	23736	2	-59.9	30.6	2	99	90	18	030	23725	3	-59.9	30.6	3	98	92	17
050									050	20605	0	-67.7	23.2	0	56	297	4	050	20597	3	-68.0	23.4	3	57	278	5
100	16617	24	-84.2	12.2	9	91	88	11	100	16624	0	-82.0	15.2	0	72	84	7	100	16617	2	-82.1	15.4	2	68	90	6
150	14283	24	-67.0	10.5	9	12	265	1	150	14276	0	-67.1	13.8	0	47	118	5	150	14270	1	-67.3	13.5	2	51	125	5
200	12484	24	-51.7	8.3	9	27	174	1	200	12480	0	-52.2	15.6	0	36	143	3	200	12475	1	-52.4	14.5	2	37	140	3
300	9718	24	-28.7	8.1	9	35	119	1	300	9723	0	-29.5	23.0	0	63	108	4	300	9718	1	-29.3	23.5	2	76	97	5
500	5869	24	-4.1	8.5	9	85	89	4	500	5881	0	-4.0	20.8	0	90	92	6	500	5876	1	-4.3	17.1	2	86	96	6
700	3139	24	10.4	4.2	9	85	91	3	700	3153	0	10.9	12.4	0	79	95	5	700	3150	1	10.6	11.4	1	81	80	4
850	1495	23	18.9	3.2	9	43	79	1	850	1507	0	19.4	6.1	0	48	85	2	850	1507	1	18.9	6.6	1	74	56	3
9999	* 5								9999	* 3								9999	* 20							
<b>SW PACIFIC - AUSTRALIA (OCEAN ISLANDS)</b> <b>COCOS ISLAND AERO</b> 96996 APR 2003 1211S 09649E OB 3																										
030	23689	7	-58.7	26.7	9	99	91	16																		
050	20556	5	-67.8	18.9	9	62	92	5																		
100	16572	4	-80.8	11.8	9	73	305	8																		
150	14225	4	-68.0	11.5	4	73	304	11																		
200	12437	3	-53.4	10.9	4	85	289	11																		
300	9693	2	-30.6	12.2	2	70	282	6																		
500	5864	2	-5.3	10.8	2	40	355	2																		
700	3146	2	9.9	9.3	2	68	81	4																		
850	1506	2	17.4	3.5	2	88	89	6																		
9999	* 3																									

# STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	64662	C	ALINDAO	CENTRALAFRICAN REP
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	42475	C	ALLAHABAD/BAMHRAULI	INDIA
40831	C	ABADAN	IRAN, ISLAMIC REP	72517	C	ALLEN TOWN/A.-BETHLEHEM-.,PA.	USA
47409	C	ABASHIRI	JAPAN	36870	C	ALMATY	KAZAKHSTAN
07005	C	ABBEVILLE	FRANCE	08487	C	ALMERIA/AEROPUERTO	SPAIN
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	44277	C	ALTAI	MONGOLIA
03502	C	ABERPORTH	U KINGDOM	51076	C	ALTAY	CHINA
41112	C	ABHA	SAUDI ARABIA	42071	C	AMRITSAR	INDIA
72266	C	ABILENE/MUN.,TX.	USA	25563	C	ANADYR'	RUSSIAN FEDERATION
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	70273	CT	ANCHORAGE/INT.	USA
62640	C	ABU HAMED	SUDAN	10291	C	ANGERMUENDE	GERMANY
62795	C	ABU NA'AMA	SUDAN	17130	CT	ANKARA/CENTRAL	TURKEY
76805	C	ACAPULCO,GRO.	MEXICO	60360	C	ANNABA	ALGERIA
80427	C	ACARIGUA	VENEZUELA	70398	C	ANNETTEISLAND	USA
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	17300	C	ANTALYA	TURKEY
60620	C	ADRAR	ALGERIA	67083	CT	ANTANANARIVO/IVATO	MADAGASCAR
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	85442	CT	ANTOFAGASTA	CHILE
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	40718	C	ANZALI	IRAN, ISLAMIC REP
17190	C	AFYON	TURKEY	47575	C	AOMORI	JAPAN
61974	C	AGA LEGA	MAURITIUS	98232	C	APARRI	PHILIPPINES
42647	CT	AHMADABAD	INDIA	80084	C	APARTADO/LOSCEDROS	COLOMBIA
47602	C	AIKAWA	JAPAN	83096	C	ARACAJU	BRAZIL
60560	C	AIN SEFRA	ALGERIA	48462	C	ARANYAPRATHET	THAILAND
61499	C	AION EL ATROUSS	MAURITANIA	40357	C	ARAR	SAUDI ARABIA
07761	CT	AJACCIO	FRANCE	80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA
31168	C	AJAN	RUSSIAN FEDERATION	83579	C	ARAXA	BRAZIL
47582	CT	AKITA	JAPAN	84752	C	AREQUIPA	PERU
61437	C	AKJOUJT	MAURITANIA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
42933	C	AKOLA	INDIA	85406	C	ARICA	CHILE
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	10091	C	ARKONA	GERMANY
04063	C	AKUREYRI	ICELAND	86330	C	ARTIGAS	URUGUAY
04082	C	AKURNES	ICELAND	44288	C	ARVAIHEER	MONGOLIA
40420	C	AL AHSA	SAUDI ARABIA	60452	C	ARZEW	ALGERIA
40373	C	AL QAYSUMAH	SAUDI ARABIA	47407	C	ASAHIKAWA	JAPAN
40361	C	AL-JOUF	SAUDI ARABIA	72315	C	ASHEVILLE/MUN.,NC	USA
08280	C	ALBACETE/LOSLANOS	SPAIN	62414	CT	ASSWAN	EGYPT
94802	CT	ALBANY AIRPORT	AUSTRALIA	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
72365	C	ALBUQUERQUE/INT.,NM.	USA	65376	C	ATAKPAME	TOGO
31004	CT	ALDAN	RUSSIAN FEDERATION	62680	C	ATBARA	SUDAN
07139	C	ALENCON	FRANCE	17607	T	ATHALASSA	CYPRUS
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	16716	C	ATHINAI (AIRPORT)	GREECE
71082	T	ALERT UA, N.W.T.	CANADA	72219	C	ATLANTA/MUN.,GA.	USA
08359	C	ALICANTE	SPAIN	72407	C	ATLANTIC CITY, NJ.	USA
94326	CT	ALICE SPRINGS AERO	AUSTRALIA	91925	CT	ATUONA	FRENCH POLY.

# STATION LIST RECENT DATA

72218	C	AUGUSTA/BUSHFIELD, GA.	USA	44302	C	BAYAN-OVOO	MONGOLIA
72254	C	AUSTIN/ROBERTMUELLER.,TX.	USA	44275	C	BAYANBULAG	MONGOLIA
08330	C	BADAJOS/TALAVERALA REAL	SPAIN	44352	C	BAYANDELGER	MONGOLIA
30554	C	BAGDARIN	RUSSIAN FEDERATION	44287	C	BAYANHONGOR	MONGOLIA
83980	C	BAGE	BRAZIL	60571	CT	BECHAR	ALGERIA
71727	C	BAGOTVILLE,QUE.	CANADA	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
98328	C	BAGUIO	PHILIPPINES	54511	CT	BEIJING	CHINA
87750	C	BAHIA BLANCA AERO	ARGENTINA	60402	C	BEJAIA	ALGERIA
41150	C	BAHRAIN(INT. AIRPORT)	BAHRAIN	82191	C	BELEM	BRAZIL
44265	C	BAITAG	MONGOLIA	82193	T	BELEM (AEROPORTO)	BRAZIL
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
07299	C	BALE-MILHOUSE	FRANCE	43198	C	BELGAUM/SAMBRA	INDIA
35796	C	BALHASH	KAZAKHSTAN	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA	89050	C	BELLINGSHAUSEN	USSR
85874	C	BALMACEDA	CHILE	03976	C	BELMULLET	IRELAND
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	83587	C	BELO HORIZONTE	BRAZIL
61291	C	BAMAKO/SENOU	MALI	82246	C	BELTERRA	BRAZIL
43295	C	BANGALORE	INDIA	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
64656	C	BANGASSOU	CENTRAL AFRICAN REP	60602	C	BENI ABBES	ALGERIA
48455	CT	BANGKOK	THAILAND	60518	C	BENI-SAF	ALGERIA
41685	C	BAR KHAN	PAKISTAN	82410	C	BENJAMIN CONSTANT	BRAZIL
82784	C	BARBALHA	BRAZIL	13274	C	BEOGRAD	YUGOSLAVIA
80419	C	BARCELONA	VENEZUELA	13275	T	BEOGRAD/KOSUTNJAK	YUGOSLAVIA
08181	C	BARCELONA/AEROPUERTO	SPAIN	64600	C	BERBERATI	CENTRAL AFRICAN REP
87765	C	BARILOCHEAERO	ARGENTINA	01317	C	BERGEN/FLORIDA	NORWAY
80440	C	BARINAS	VENEZUELA	10384	C	BERLIN-TEMPELHOF	GERMANY
29838	C	BARNAUL	RUSSIAN FEDERATION	40179	T	BET DAGAN	ISRAEL
80410	C	BARQUISIMETO	VENEZUELA	70219	C	BETHEL/BETHELAIRPORT, AK.	USA
82571	C	BARRA DO CORDA	BRAZIL	68461	CT	BETHLEHEM	SOUTH AFRICA
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	40100	C	BEYROUTH(AEROPORT)	LEBANON
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	42971	CT	BHUBANESWAR	INDIA
83236	C	BARREIRAS	BRAZIL	12295	C	BIALYSTOK	POLAND
70026	CT	BARROW/W.POST W. ROGERS	USA	42165	C	BIKANER	INDIA
44305	C	BARUUN-URT	MONGOLIA	72677	C	BILLINGS/LOGANINT., MT.	USA
44241	C	BARUUNKHARAA	MONGOLIA	72515	C	BINGHAMTON/BROOMECONY.	USA
44213	C	BARUUNTURUUN	MONGOLIA	96441	CT	BINTULU	MALAYSIA
89057	C	BASE ARTUROPRAT	CHILE	61401	C	BIR MOGHREIN	MAURITANIA
89059	C	BASE BERNARDOO'HIGGINS	CHILE	41084	C	BISHA	SAUDI ARABIA
88963	C	BASE ESPERANZA	ARGENTINA	60525	C	BISKRA	ALGERIA
89053	C	BASE JUBANY	ARGENTINA	72764	CT	BISMARCK/MUN.,ND.	USA
89055	C	BASE MARAMBIO(CENTROMET. A	ARGENTINA	15085	C	BISTRITA	ROMANIA
88968	C	BASE ORCADAS	ARGENTINA	64510	C	BITAM	GABON
89066	C	BASE SAN MARTIN	ARGENTINA	01028	CT	BJORNOYA	NORWAY
07790	CT	BASTIA	FRANCE	31510	CT	BLAGOVESCHENSK	RUSSIAN FEDERATION

# STATION LIST RECENT DATA

68442	CT	BLOEMFONTEINAIRPORT	SOUTH AFRICA	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
82024	C	BOA VISTA	BRAZIL	72528	C	BUFFALO/GREATERBUFFALO,NY.	USA
65510	C	BOBO-DIOULASSO	BURKINA FASO	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
01152	CT	BODO	NORWAY	44239	C	BULGAN	MONGOLIA
80222	CT	BOGOTA/ELDORADO	COLOMBIA	08075	C	BURGOS/VILLAFRIA	SPAIN
29282	C	BOGUCANY	RUSSIAN FEDERATION	72617	C	BURLINGTON/INTL,VT.	USA
65338	C	BOHICON	BENIN	17116	C	BURSA	TURKEY
72681	C	BOISE/MUN.,ID.	USA	98330	C	CABANATUAN	PHILIPPINES
87640	C	BOLIVAR AERO	ARGENTINA	08261	C	CACERES	SPAIN
83288	CT	BOM JESUS DA LAPA	BRAZIL	07027	C	CAEN	FRANCE
43057	C	BOMBAY/COLABA	INDIA	16560	T	CAGLIARI/ELMAS	ITALY
43003	T	BOMBAY/SANTACRUZ	INDIA	94287	C	CAIRNS AERO	AUSTRALIA
31253	C	BOMNAK	RUSSIAN FEDERATION	80442	C	CALABOZO	VENEZUELA
65545	C	BONDOUKOU	COTE D'IVOIRE	42807	C	CALCUTTA/ALIPORE	INDIA
23884	C	BOR	RUSSIAN FEDERATION	42809	T	CALCUTTA/DUMDUM	INDIA
91929	C	BORA-BORA	FRENCH POLY. ON	80259	C	CALI/ALFONSOBONILLAARAGON	COLOMBIA
07510	C	BORDEAUX/MERIGNAC	FRANCE	68618	C	CALVINIA	SOUTH AFRICA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	03808	T	CAMBORNE	U KINGDOM
60686	C	BORDJ B.MOKHTAR	ALGERIA	71925	T	CAMBRIDGEBAY UA, N.W.T.	CANADA
65516	C	BOROMO	BURKINA FASO	85315	C	CAMIRI	BOLIVIA
72509	C	BOSTON/LOGANINT., MA	USA	83612	T	CAMPO GRANDE(AEROPORTO)	BRAZIL
60515	C	BOU-SAADA	ALGERIA	83698	C	CAMPOS	BRAZIL
64601	C	BOUAR	CENTRALAFRICAN REP	17112	C	CANAKKALE	TURKEY
61296	C	BOUGOUNI	MALI	07661	C	CAP CEPET	FRANCE
60417	C	BOUIRA	ALGERIA	71910	C	CAPE DORSET, N.W.T.	CANADA
07255	C	BOURGES	FRANCE	72304	C	CAPE HATTERAS,NC.	USA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA
61461	C	BOUTILIMIT	MAURITANIA	80416	C	CARACAS/LACARLOTA	VENEZUELA
08575	C	BRAGANCA	PORTUGAL	80415	C	CARACAS/MAIQUETIAAEROP. INT	VENEZUELA
83377	C	BRASILIA	BRAZIL	83592	C	CARATINGA	BRAZIL
83378	T	BRASILIA (AEROPORTO)	BRAZIL	83498	CT	CARAVELAS	BRAZIL
30309	C	BRATSK	RUSSIAN FEDERATION	72712	C	CARIBOU/MUN.,ME.	USA
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	82765	CT	CAROLINA	BRAZIL
07110	C	BREST	FRANCE	86580	C	CARRASCO	URUGUAY
64655	C	BRIA	CENTRALAFRICAN REP	80432	C	CARRIZAL	VENEZUELA
16320	T	BRINDISI	ITALY	80022	C	CARTAGENA/RAFAELNUNEZ	COLOMBIA
11723	C	BRNO/TURANY	CZECH REP	60155	CT	CASABLANCA	MOROCCO
10453	C	BROCKEN	GERMANY	03967	C	CASEMENT AERODROME	IRELAND
94203	CT	BROOME AIRPORT	AUSTRALIA	89611	CT	CASEY	AUSTRALIA
72250	C	BROWNSVILLE/INT.,TX.	USA	72569	C	CASPER/NATRONACOUNTY I.,WY.	USA
96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM	87222	C	CATAMARCA AERO.	ARGENTINA
80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA	83676	C	CATANDUVA	BRAZIL
15420	CT	BUCURESTI/IMH	ROMANIA	81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
12843	CT	BUDAPEST/LORINC	HUNGARY	94653	C	CEDUNA AIRPORT	AUSTRALIA



# STATION LIST RECENT DATA

89056	C	CENTROMET.ANTARTICO''PDTE.ED	CHILE	94711	CT	COBAR	AUSTRALIA
87257	C	CERES AERO	ARGENTINA	85041	C	COBIJA	BOLIVIA
87320	C	CHAMICAL AERO	ARGENTINA	85223	C	COCHABAMBA	BOLIVIA
48480	C	CHANTHABURI	THAILAND	43353	T	COCHIN/WILLINGDON	INDIA
85230	C	CHARANA	BOLIVIA	64504	C	COCOBEACH	GABON
38687	C	CHARDZHEV	TURKMENISTAN	96996	CT	COCOS ISLAND AERO	AUSTRALIA
72414	C	CHARLESTON/KANAWHA.,WV.	USA	94791	C	COFFS HARBOURMO	AUSTRALIA
72208	C	CHARLESTON/MUN.,SC.	USA	70316	CT	COLD BAY	USA
72314	C	CHARLOTTE/DOUGLASNC.	USA	43466	C	COLOMBO	SRI LANKA
07314	C	CHASSIRON	FRANCE	86560	C	COLONIA	URUGUAY
93986	T	CHATHAM ISLAND	N ZEALAND	72310	C	COLUMBIA,SC.	USA
93987	C	CHATHAM ISLANDS AWS	N ZEALAND	72445	C	COLUMBIA/REGIONALMO.	USA
72324	C	CHATTANOOGA/LOVELFIELD, TN	USA	72428	C	COLUMBUS/PORTCOLUMBUS, OH.	USA
47184	C	CHEJU	REP KOREA	76848	C	COMITAN,CHIS.	MEXICO
56294	C	CHENGDU	CHINA	87860	C	COMODORO RIVADAVIA AERO	ARGENTINA
87322	C	CHEPES	ARGENTINA	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
42515	C	CHERRAPUNJI	INDIA	85682	C	CONCEPCION	CHILE
76750	C	CHE TUMAL,Q.ROO	MEXICO	72605	C	CONCORD/MUN.,NH.	USA
72564	C	CHEYENNE,WY.	USA	87395	C	CONCORDIA AERO	ARGENTINA
41768	C	CHHOR	PAKISTAN	15480	C	CONSTANTA	ROMANIA
48327	CT	CHIANG MAI	THAILAND	60419	C	CONSTANTINE	ALGERIA
72530	C	CHICAGO/O'HARE,IL.	USA	85470	C	COPIAPO	CHILE
47971	CT	CHICHIJIMA	JAPAN	71915	T	CORAL HARBOURUA, N.W.T.	CANADA
84452	C	CHICLAYO	PERU	87344	CT	CORDOBA AERO	ARGENTINA
85672	C	CHILLAN	CHILE	08410	C	CORDOBA/AEROPUERTO	SPAIN
38262	C	CHIMBAJ	UZBEKISTAN	03955	C	CORK AIRPORT	IRELAND
30758	CT	CHITA	RUSSIAN FEDERATION	80403	C	CORO	VENEZUELA
60425	C	CHLEF	ALGERIA	72251	C	CORPUS CHRISTI/INT.,TX.	USA
44259	C	CHOIBALSAN	MONGOLIA	87166	C	CORRIENTES AERO.	ARGENTINA
44298	C	CHOIR	MONGOLIA	17084	C	CORUM	TURKEY
76311	C	CHOIX,SIN.	MEXICO	83552	C	CORUMBA	BRAZIL
21946	C	CHOKURDAH	RUSSIAN FEDERATION	65344	C	COTONOU	BENIN
47648	C	CHOSHI	JAPAN	85864	C	COYHAIQUE	CHILE
93780	C	CHRISTCHURCH	N ZEALAND	82704	C	CRUZEIRO DO SUL	BRAZIL
48517	C	CHUMPHON	THAILAND	80097	C	CUCUTA/CAMILODAZA	COLOMBIA
47101	C	CHUNCHON	REP KOREA	83361	C	CUIABA	BRAZIL
71913	T	CHURCHILLUA,MAN.	CANADA	80420	C	CUMANA	VENEZUELA
72421	C	CINCINNATI/GREATERCIN., OH.	USA	85629	C	CURICO	CHILE
80444	C	CIUDAD BOLIVAR	VENEZUELA	83842	C	CURITIBA	BRAZIL
08348	C	CIUDAD REAL	SPAIN	83840	T	CURITIBA (AEROPORTO)	BRAZIL
07460	C	CLERMONT-FERRAND	FRANCE	84686	C	CUZCO	PERU
15120	C	CLUJ-NAPOCA	ROMANIA	43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA
71090	C	CLYDE,N.W.T.	CANADA	98325	C	DAGUPAN	PHILIPPINES
82425	C	COARI	BRAZIL	61641	CT	DAKAR/YOFF	SENEGAL

# STATION LIST RECENT DATA

41712	C	DAL BANDIN	PAKISTAN	72745	C	DULUTH/INT.,MN.	USA
44373	C	DALANZADGAD	MONGOLIA	89642	CT	DUMONT D'URVILLE	FRANCE
72259	C	DALLAS-FORTWORTH/FORT.,TX.	USA	68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA
42587	C	DALTONGANJ	INDIA	42731	C	DWARKA	INDIA
40080	C	DAMASCUS INT. AIRPORT	SYRIAN ARAB REP	24143	C	DZARDZAN	RUSSIAN FEDERATION
62805	C	DAMAZINE	SUDAN	68858	C	EAST LONDON	SOUTH AFRICA
04320	CT	DANMARKSHAVN	GREENLAND	94907	C	EAST SALE AIRPORT	AUSTRALIA
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	17050	C	EDIRNE	TURKEY
60390	CT	DAR-EL-BEIDA	ALGERIA	71119	T	EDMONTON STONY PLAIN, ALTA	CANADA
94120	CT	DARWIN AIRPORT	AUSTRALIA	40199	C	EILAT	ISRAEL
44256	C	DASHBALBAR	MONGOLIA	28440	C	EKATERINBURG	RUSSIAN FEDERATION
26544	C	DAUGAVPILS	LATVIA	62337	C	EL ARISH	EGYPT
89571	CT	DAVIS	AUSTRALIA	62760	C	EL FASHER	SUDAN
72429	C	DAYTON/.COX, OH	USA	60590	C	EL GOLEA	ALGERIA
06260	C	DE BILT	NETHERLANDS	60540	C	EL KHEITER	ALGERIA
06235	C	DE KOOY	NETHERLANDS	62771	C	EL OBEID	SUDAN
12882	C	DEBRECEN	HUNGARY	60559	C	EL OUED	ALGERIA
65505	C	DEDOUGOU	BURKINA FASO	72270	C	EL PASO/INT., TX.	USA
40045	C	DEIR EZZOR	SYRIAN ARAB REP	80437	C	EL VIGIA	VENEZUELA
60387	C	DELLYS	ALGERIA	60367	C	EL-KALA	ALGERIA
97230	C	DENPASAR/NGURAH-RAI	INDONESIA	60550	C	ELBAYADH	ALGERIA
41624	C	DERA ISMAIL KHAN	PAKISTAN	12160	C	ELBLAG	POLAND
72546	C	DES MOINES/MUN., IA.	USA	63686	C	ELDORET	KENYA
72537	C	DETROIT/METROPOLITANMI.	USA	72486	C	ELY/YELLAND,NV.	USA
40416	C	DHAHRAN	SAUDI ARABIA	07591	CT	EMBRUN	FRANCE
41923	T	DHAKA	BANGLADESH	10200	C	EMDEN-FLUGPLATZ	GERMANY
42314	C	DIBRUGARH/MOHANBARI	INDIA	76256	C	EMPALME, SON	MEXICO
67009	C	DIEGO-SUAREZ	MADAGASCAR	62781	C	EN NAHUD	SUDAN
07280	C	DIJON	FRANCE	29263	C	ENISEJSK	RUSSIAN FEDERATION
65562	C	DIMBOKRO	COTE D'IVOIRE	24817	C	ERBOGACEN	RUSSIAN FEDERATION
89054	C	DINAMET-URUGUAY	URUGUAY	44237	C	ERDENEMANDAL	MONGOLIA
63471	C	DIREDAWA	ETHIOPIA	53068	C	ERENHOT	CHINA
17280	CT	DIYARBAKIR	TURKEY	10554	C	ERFURT-BINDERSLEBEN	GERMANY
60670	C	DJANET	ALGERIA	17092	C	ERZINCAN	TURKEY
60535	C	DJELFA	ALGERIA	17096	C	ERZURUM	TURKEY
63862	C	DODOMA	U REP TANZANIA	40800	C	ESFAHAN	IRAN, ISLAMIC REP
87648	C	DOLORES AERO	ARGENTINA	03162	C	ESKDALEMUIR	U KINGDOM
62650	C	DONGOLA	SUDAN	87803	C	ESQUEL AERO	ARGENTINA
65501	C	DORI	BURKINA FASO	60220	C	ESSAOUIRA	MOROCCO
10488	C	DRESDEN-KLOTZSCHE	GERMANY	10410	CT	ESSEN	GERMANY
41515	C	DROSH	PAKISTAN	71917	T	EUREKA UA, N.W.T.	CANADA
41194	C	DUBAI INTERNATIONALAIRPORT	U ARAB EMIRATES	72594	C	EUREKA, CA.	USA
03969	C	DUBLIN AIRPORT	IRELAND	72432	C	EVANSVILLE/REG.,IN.	USA
52836	C	DULAN	CHINA	87576	CT	EZEIZA AERO	ARGENTINA

# STATION LIST RECENT DATA

65507	C	FADA N'GOURMA	BURKINA FASO	10567	C	GERA-LEUMNITZ	GERMANY
70261	C	FAIRBANKS/INT.	USA	94403	CT	GERALDTONAIRPORT	AUSTRALIA
61833	C	FARANAH/BADALA	GUINEA	08184	C	GERONA/COSTABRAVA	SPAIN
72753	C	FARGO/HECTORFIELD, ND.	USA	60566	C	GHARDAIA	ALGERIA
76698	C	FELIPE CARRILLOPUERTO, Q.RO	MEXICO	60517	C	GHAZAOUET	ALGERIA
11155	C	FEUERKOGEL	AUSTRIA	08495	CT	GIBALTAR	GIBALTAR
10578	C	FICHELBERG	GERMANY	94461	CT	GILES	AUSTRALIA
72637	C	FLINT/BISHOP, MI.	USA	17034	C	GIRESUN	TURKEY
82678	CT	FLORIANO	BRAZIL	93292	C	GISBORNE AERODROMEAWS	N ZEALAND
83897	C	FLORIANOPOLIS	BRAZIL	41140	C	GIZAN	SAUDI ARABIA
82212	C	FONTE BOA	BRAZIL	72768	C	GLASGOW/INTL.MT.	USA
87162	C	FORMOSA AERO	ARGENTINA	20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION
71945	CT	FORT NELSON UA,B.C.	CANADA	43192	CT	GOA/PANJIM	INDIA
71934	T	FORT SMITH UA,N.W.T.	CANADA	87880	C	GOBERNADOR GREGORES AERO	ARGENTINA
72344	C	FORT SMITH/MUN., AR.	USA	10499	C	GOERLITZ	GERMANY
72533	C	FORT WAYNE/MUN.,BAERFL.,IN.	USA	83423	C	GOIANIA	BRAZIL
67197	C	FORT-DAUPHIN	MADAGASCAR	63331	C	GONDAR	ETHIOPIA
82397	CT	FORTALEZA	BRAZIL	71816	CT	GOOSE UA,NFLD.	CANADA
72389	C	FRESNO/AIR TERM., CA.	USA	97048	C	GORONTALO/JALALUDDIN	INDONESIA
02226	C	FROSON	SWEDEN	02527	T	GOTEBORG/LANDVETTER	SWEDEN
47843	C	FUKUE	JAPAN	02512	C	GOTEBORG/SAVE	SWEDEN
47807	CT	FUKUOKA	JAPAN	68906	CT	GOUGH ISLAND	SOUTH AFRICA
91643	C	FUNAFUTI	TUVALU	07535	C	GOURDON	FRANCE
08522	CT	FUNCHAL	MADEIRA	94150	CT	GOVE AIRPORT	AUSTRALIA
60765	C	GABES	TUNISIA	72476	C	GRAND JUNCTION/WALKERF.,CO.	USA
60745	C	GAFSA	TUNISIA	72635	C	GRAND RAPIDS/KENTCO., MI.	USA
65557	C	GAGNOA	COTE D'IVOIRE	78954	C	GRANTLEY ADAMS	BARBADOS
44284	C	GAIUUT	MONGOLIA	11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA
83746	T	GALEAO	BRAZIL	72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA
72242	C	GALVESTON, TX.	USA	72317	C	GREENSBORO/G.-HIGHPT., NC.	USA
94926	C	GANBERRAAMO	AUSTRALIA	72312	C	GREENVILLE/SPATANBURGSC	USA
71803	C	GANDER INT.AIRPORT,NFLD.	CANADA	10184	CT	GREIFSWALD	GERMANY
57993	C	GANZHOU	CHINA	87497	C	GUALEGUAYCHUAERO	ARGENTINA
65522	C	GAOUA	BURKINA FASO	76577	C	GUANAJUATO,GTO.	MEXICO
63723	C	GARISSA	KENYA	80428	C	GUANARE	VENEZUELA
40405	C	GASSIM	SAUDI ARABIA	59287	C	GUANGZHOU	CHINA
42410	CT	GAUHATI	INDIA	80448	C	GUASDUALITO	VENEZUELA
62752	C	GEDAREF	SUDAN	60403	C	GUELMA	ALGERIA
10628	C	GEISENHEIM	GERMANY	80423	C	GUIRIA	VENEZUELA
62770	C	GENEINA	SUDAN	02128	C	GUNNARN	SWEDEN
87532	C	GENERAL PICO AERO	ARGENTINA	40360	C	GURIAT	SAUDI ARABIA
06700	C	GENEVE-COINTRIN	SWITZERLAND	40250	C	H-4 'IRWAISHED'	JORDAN
68828	C	GEORGE AIRPORT	SOUTH AFRICA	31735	C	HABAROVSK	RUSSIAN FEDERATION
81001	C	GEORGETOWN	GUYANA	47678	CT	HACHIJOJIMA	JAPAN

# STATION LIST RECENT DATA

76692	C	HACIENDA YLANG YLANG VER.	MEXICO	72654	C	HURON/HURONREGIONAL,SD.	USA
40373	T	HAFR AL-BATIN	SAUDI ARABIA	44232	C	HUTAG	MONGOLIA
59758	C	HAIKOU	CHINA	43128	CT	HYDERABADAIRPORT	INDIA
40394	CT	HAIL	SAUDI ARABIA	15090	C	IASI	ROMANIA
50527	CT	HAILAR	CHINA	80214	C	IBAGUE/PERALES	COLOMBIA
17285	C	HAKKARI	TURKEY	08373	C	IBIZA/ES CODOLA	SPAIN
47430	C	HAKODATE	JAPAN	32411	C	ICA	RUSSIAN FEDERATION
71081	CT	HALL BEACH UA,N.W.T.	CANADA	87097	C	IGUAZU AERO	ARGENTINA
89022	CT	HALLEY	U KINGDOM	60640	C	ILLIZI	ALGERIA
94212	C	HALLS CREEK AMO	AUSTRALIA	04339	CT	ILLOQQORTOORMIUT(SCORESBSYSU	GREENLAND
40030	C	HAMA	SYRIAN ARAB REP	98637	C	ILOILO	PHILIPPINES
47755	C	HAMADA	JAPAN	31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION
43497	C	HAMBANTOTA	SRI LANKA	64459	C	IMPFONDO	CONGO
10147	C	HAMBURG-FUHLBUETTEL	GERMANY	60611	C	IN AMENAS	ALGERIA
52203	C	HAMI	CHINA	60630	CT	IN SALAH	ALGERIA
10338	C	HANNOVER	GERMANY	60690	C	IN-GUEZZAM	ALGERIA
23933	CT	HANTY-MANSIJSK	RUSSIAN FEDERATION	72438	C	INDIANAPOLIS/I.-MUN/WEI.,IN.	USA
02196	C	HAPARANDA	SWEDEN	42754	C	INDORE	INDIA
67774	T	HARARE (BELVEDERE)	ZIMBABWE	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
67775	C	HARARE (KUTSAGA)	ZIMBABWE	72747	CT	INT.FALLS/FALLSINT.MN.	USA
72508	C	HARTFORD/BRADLEYINTL, CT.	USA	71907	CT	INUKJUAQ, QUE	CANADA
60581	C	HASSI-MESSAOUD	ALGERIA	71957	CT	INUVIK UA,N.W.T.	CANADA
20891	C	HATANGA	RUSSIAN FEDERATION	93844	CT	INVERCARGILLAERODROME	N ZEALAND
44207	C	HATGAL	MONGOLIA	80370	C	IPALES/SAN LUIS	COLOMBIA
78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE	71909	CT	IQUALUIT, N.W.T.	CANADA
71935	C	HAY RIVER,N.W.T.	CANADA	84377	C	IQUITOS	PERU
72772	C	HELENA/COUNTY-CITY.MT.	USA	83881	C	IRAI	BRAZIL
02974	C	HELSINKI-VANTAA	FINLAND	83836	C	IRATI	BRAZIL
62378	CT	HELWAN	EGYPT	68263	T	IRENE	SOUTH AFRICA
16754	CT	HERAKLION(AIRPORT)	GREECE	30710	C	IRKUTSK	RUSSIAN FEDERATION
91945	C	HEREHERETUE	FRENCH POLY.	47918	CT	ISHIGAKIJIMA	JAPAN
71066	C	HIGH LEVEL, ALTA	CANADA	85469	C	ISLA DE PASCUA	CHILE
91285	CT	HILO/GEN.LYMAN, HAWAII,	USA	85585	C	ISLA JUAN FERNANDEZ	CHILE
94975	CT	HOBART AIRPORT	AUSTRALIA	17240	CT	ISPARTA	TURKEY
10962	C	HOHENPEISSENBERG	GERMANY	17062	CT	ISTANBUL/GOZTEPE	TURKEY
93615	C	HOKITIKA AERODROMEAWS	N ZEALAND	82445	C	ITAITUBA	BRAZIL
61240	C	HOMBORI	MALI	17220	CT	IZMIR/GUZELYALT	TURKEY
91182	C	HONOLULU,OAHU, HAWAII	USA	47800	C	IZUHARA	JAPAN
08506	C	HORTA (ACORES)	PORTUGAL	72235	C	JACKSON/ALLENC. THOMP., MS.	USA
51828	C	HOTAN	CHINA	72206	C	JACKSONVILLE/INTNL.,FL.	USA
72243	C	HOUSTON/INTERCONTI-NENTAL,	USA	41715	C	JACOBABAD	PAKISTAN
44218	C	HOVD	MONGOLIA	83186	C	JACOBINA	BRAZIL
44285	C	HUJIRT	MONGOLIA	43041	C	JAGDALPUR	INDIA
72425	C	HUNTINGTON,WV	USA	96749	C	JAKARTA/SOEKARNO-HATTA	INDONESIA

# STATION LIST RECENT DATA

24959	CT	JAKUTSK	RUSSIAN FEDERATION	35394	C	KARAGANDA	KAZAKHSTAN
01001	CT	JAN MAYEN	NORWAY	02080	C	KARESUANDO	SWEDEN
97690	C	JAYAPURA/SENTANI	INDONESIA	62660	C	KARIMA	SUDAN
41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA	10727	C	KARLSRUHE	GERMANY
60725	C	JENDOUBA	TUNISIA	02418	C	KARLSTADFLYGLATS	SWEDEN
08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN	17098	C	KARS	TURKEY
41598	C	JHELUM	PAKISTAN	67475	C	KASAMA	ZAMBIA
60351	C	JIJEL ACHOUAT	ALGERIA	51709	C	KASHI	CHINA
60353	C	JIJEL PORT	ALGERIA	62730	C	KASSALA	SUDAN
63402	C	JIMMA	ETHIOPIA	17074	C	KASTAMONU	TURKEY
52533	C	JIUQUAN	CHINA	44454	C	KATHMANDU AIRPORT	NEPAL
41756	C	JIWANI	PAKISTAN	26629	C	KAUNAS	LITHUANIA
42339	CT	JODHPUR	INDIA	61257	C	KAYES	MALI
02929	C	JOENSUU	FINLAND	27595	CT	KAZAN'	RUSSIAN FEDERATION
68368	C	JOHANNESBURG INT. AIRPORT	SOUTH AFRICA	04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND
02963	CT	JOKIOINEN	FINLAND	10946	C	KEMPTEN	GERMANY
02550	C	JONKOPING/AXAMO	SWEDEN	61285	C	KENIEBA	MALI
78762	C	JUAN SANTAMARIA	COSTA RICA	60120	C	KENITRA	MOROCCO
62941	C	JUBA	SUDAN	16641	C	KERKYRA (AIRPORT)	GREECE
87046	C	JUJUY AERO	ARGENTINA	93997	T	KERMADECIS.	N ZEALAND
84735	C	JULIACA	PERU	40841	CT	KERMAN	IRAN, ISLAMIC REP
78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN, ST.EUST	40766	C	KERMANS SHAH	IRAN, ISLAMIC REP
87548	C	JUNIN AERO	ARGENTINA	02805	C	KEVO	FINLAND
32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION	72201	C	KEY WEST/INT., FL.	USA
02935	CT	JYVASKYLA	FINLAND	44313	C	KHALKH-GOL	MONGOLIA
67663	C	KABWE	ZAMBIA	41114	C	KHAMIS MUSHAIT	SAUDI ARABIA
62810	C	KADUGLI	SUDAN	41718	C	KHANPUR	PAKISTAN
47827	CT	KAGOSHIMA	JAPAN	34300	C	KHARKIV	UKRAINE
17255	C	KAHRAMANMARAS	TURKEY	62721	CT	KHARTOUM	SUDAN
93678	C	KAIKOURA	N ZEALAND	60476	C	KHENCHELLA	ALGERIA
60735	C	KAIROUAN	TUNISIA	02801	C	KILPISJARVI	FINLAND
93012	C	KAITAIA	N ZEALAND	68438	C	KIMBERLEY	SOUTH AFRICA
02897	C	KAJAANI	FINLAND	40417	C	KING FAHAD INT. AIRPORT	SAUDI ARABIA
30469	C	KALAKAN	RUSSIAN FEDERATION	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
16726	C	KALAMATA (AIRPORT)	GREECE	70326	C	KING SALMON	USA
25744	C	KAMENSKOE	RUSSIAN FEDERATION	45004	CT	KING'S PARK	HONG KONG, CHINA
40001	C	KAMISHLI	SYRIAN ARAB REP	78397	CT	KINGSTON/NORMANMANLEY	JAMAICA
71887	C	KAMLOOPS, B.C.	CANADA	03066	C	KINLOSS	U KINGDOM
47605	C	KANAZAWA	JAPAN	64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG
65306	C	KANDI	BENIN	30230	CT	KIRENSK	RUSSIAN FEDERATION
47105	C	KANGNUNG	REP KOREA	61270	C	KITA	MALI
22165	C	KANIN NOS	RUSSIAN FEDERATION	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
61679	C	KAOLACK	SENEGAL	26509	C	KLAJPEDA	LITHUANIA
41780	C	KARACHI AIRPORT	PAKISTAN	72326	C	KNOXVILLE/MUN., TN.	USA

# STATION LIST RECENT DATA

11487	C	KOCELOVICE	CZECHREP	82723	C	LABREA	BRAZIL
06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.	96465	C	LABUAN	MALAYSIA
61698	C	KOLDA	SENEGAL	60545	C	LAGHOUAT	ALGERIA
29231	CT	KOLPASEVO	RUSSIAN FEDERATION	41640	C	LAHORECITY	PAKISTAN
10929	C	KONSTANZ	GERMANY	08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL
17244	C	KONYA	TURKEY	72240	C	LAKE CHARLES/MUN.,LA.	USA
25954	CT	KORF	RUSSIAN FEDERATION	64551	C	LAMBARENE	GABON
91408	C	KOROR, PALAU IS.	USA FEDERATION	72576	C	LANDER/HUNT,WY.	USA
62772	C	KOSTI	SUDAN	60040	C	LANZAROTE/AEROPUERTO	SPAIN
42452	C	KOTA AERODROME	INDIA	52889	CT	LANZHOU	CHINA
48615	CT	KOTA BHARU	MALAYSIA	98223	C	LAOAG	PHILIPPINES
96471	CT	KOTA KINABALU	MALAYSIA	16648	C	LARISSA (AIRPORT)	GREECE
70133	CT	KOTZEBUE,RALPH WIEN	USA	17609	C	LARNACA AIRPORT	CYPRUS
91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA	87563	C	LAS FLORES AERO	ARGENTINA
61293	C	KOUTIALA	MALI	80241	CT	LAS GAVIOTAS	COLOMBIA
43314	C	KOZHICODE	INDIA	87078	C	LAS LOMITAS	ARGENTINA
12566	C	KRAKOW	POLAND	60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN
60514	C	KSAR CHELLALA	ALGERIA	72386	C	LAS VEGAS/MCCARRAN,NV.	USA
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	40022	C	LATTAKIA	SYRIAN ARAB REP
48657	C	KUANTAN	MALAYSIA	94968	C	LAUNCESTON AIRPORT	AUSTRALIA
96413	CT	KUCHING	MALAYSIA	07471	C	LE BUY	FRANCE
65442	C	KUMASI	GHANA	78925	C	LE LAMENTIN	MARTINIQUE
56778	CT	KUNMING	CHINA	78897	CT	LE RAIZET, GUADELOUPE	ST.MARTIN, ST.BARTH
47418	C	KUSHIRO	JAPAN	07207	C	LE TALUT	FRANCE
28952	C	KUSTANAI	KAZAKHSTAN	12120	CT	LEBA	POLAND
71906	CT	KUUJJUAQ, QUE.	CANADA	03257	C	LEEMING	U KINGDOM
71905	C	KUUJJUARAPIK, QUE.	CANADA	98444	C	LEGASPI	PHILIPPINES
02869	C	KUUSAMO	FINLAND	12374	T	LEGIONOWO	POLAND
91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA	10469	C	LEIPZIG-SCHKEUDITZ	GERMANY
47158	T	KWANGJU AB	REP KOREA	83242	C	LENCOIS	BRAZIL
33345	C	KYIV	UKRAINE	03005	CT	LERWICK	U KINGDOM
33393	C	L'VIV	UKRAINE	80398	CT	LETICIA/VASQUEZCOBO	COLOMBIA
78705	C	LA CEIBA (AIRPORT)	HONDURAS	72422	C	LEXINGTON/BLUEGRASS, KY.	USA
08001	CT	LA CORUNA	SPAIN	55591	CT	LHASA	CHINA
71823	T	LA GRANDEIV, QUE.	CANADA	11603	C	LIBEREC	CZECH REP
71827	C	LA GRANDE RIVIERE, QUE	CANADA	64500	C	LIBREVILLE	GABON
07020	CT	LA HAGUE	FRANCE	91165	C	LIHUE, KAUAI, HAWAII	USA
78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS	07015	C	LILLE	FRANCE
76405	C	LA PAZ, B.C.S.	MEXICO	84628	CT	LIMA-CALLAO/AEROP.INTERNACI	PERU
85201	C	LA PAZ/ALTO	BOLIVIA	07434	C	LIMOGES	FRANCE
87007	C	LA QUIACA OBSERVATORIO	ARGENTINA	10393	CT	LINDENBERG	GERMANY
87217	C	LA RIOJA AERO.	ARGENTINA	61627	C	LINGUERE	SENEGAL
85488	C	LA SERENA	CHILE	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
87534	C	LABOULAYE	ARGENTINA	08535	C	LISBOA/GEOF	PORTUGAL

# STATION LIST RECENT DATA

67743	C	LIVINGSTONE	ZAMBIA	03980	C	MALIN HEAD	IRELAND
08084	C	LOGRONO/AGONCILLO	SPAIN	63799	C	MALINDI	KENYA
65387	C	LOME	TOGO	78741	C	MANAGUA A.C.SANDINO	NICARAGUA
83766	C	LONDRINA	BRAZIL	82332	T	MANAUS (AEROPORTO)	BRAZIL
94346	C	LONGREACHAIRPORT	AUSTRALIA	03334	C	MANCHESTERAIRPORT	U KINGDOM
94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA	44341	C	MANDALGOVI	MONGOLIA
72295	C	LOS ANGELES/INT.,CA.	USA	43285	T	MANGALORE/PANAMBUR	INDIA
64401	C	LOUBOMO	CONGO	65352	C	MANGO	TOGO
72423	C	LOUISVILLE/STANDIFORD.KY.	USA	82533	C	MANICORE	BRAZIL
72267	C	LUBBOCK/LUBBOCKINTL, TX.	USA	71722	T	MANIWAKI,QUE.	CANADA
42369	T	LUCKNOW/AMAUSI	INDIA	03797	C	MANSTON	U KINGDOM
06770	C	LUGANO	SWITZERLAND	76654	C	MANZANILLO,COL.	MEXICO
16597	C	LUQA	MALTA	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	87774	C	MAQUINCHAO	ARGENTINA
03740	C	LYNEHAM	U KINGDOM	87692	C	MAR DEL PLATA AERO	ARGENTINA
71078	C	LYNN LAKE, MAN.	CANADA	82562	C	MARABA	BRAZIL
60467	C	M'SILA	ALGERIA	80407	C	MARACAIBO-LACHINITA	VENEZUELA
40310	C	MA'AN	JORDAN	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
44294	C	MAANTI	MONGOLIA	87467	C	MARCOS JUAREZ AERO	ARGENTINA
82098	C	MACAPA	BRAZIL	16325	C	MARINA DI GINOSA	ITALY
43185	C	MACHILIPATNAM	INDIA	68994	CT	MARION ISLAND	SOUTH AFRICA
94367	C	MACKAY MO	AUSTRALIA	60230	C	MARRAKECH	MOROCCO
72217	C	MACON/LEWISB.WILSON,GA.	USA	61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS
94998	CT	MACQUARIEISLAND	AUSTRALIA	60506	C	MASCARA METMORE	ALGERIA
98646	C	MACTAN	PHILIPPINES	40745	CT	MASHHAD	IRAN, ISLAMIC REP
40430	CT	MADINAH	SAUDI ARABIA	41288	C	MASIRAH	OMAN
72641	C	MADISON/DANECOUNTY REGIONAL	USA	61630	C	MATAM	SENEGAL
43279	CT	MADRAS/MINAMBAKKAM	INDIA	47741	C	MATSUE	JAPAN
08221	CT	MADRID/BARAJAS	SPAIN	47618	C	MATSUMOTO	JAPAN
47624	C	MAEBASHI	JAPAN	47887	C	MATSUYAMA	JAPAN
40265	T	MAFRAQ	JORDAN	80435	C	MATURIN	VENEZUELA
85114	C	MAGDALENA	BOLIVIA	89564	CT	MAWSON	AUSTRALIA
10361	C	MAGDEBURG	GERMANY	64503	C	MAYUMBA	GABON
61096	C	MAINE-SOROA	NIGER	70231	C	MCGRATH	USA
67073	C	MAINTIRANO	MADAGASCAR	60549	C	MECHERIA	ALGERIA
47750	C	MAIZURU	JAPAN	96035	C	MEDAN/POLONIA	INDONESIA
91376	C	MAJUORO/MARSHALLS. INTL	USA	60437	C	MEDEA	ALGERIA
41030	C	MAKKAH	SAUDI ARABIA	72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA
64456	C	MAKOUA	CONGO	94430	C	MEEKATHARRAAIRPORT	AUSTRALIA
48665	C	MALACCA	MALAYSIA	10548	CT	MEININGEN	GERMANY
08482	C	MALAGA/AEROPUERTO	SPAIN	60150	C	MEKNES	MOROCCO
62840	C	MALAKAL	SUDAN	94866	C	MELBOURNEAIRPORT	AUSTRALIA
87506	C	MALARGUEAERO	ARGENTINA	60338	C	MELILLA	SPAIN
17199	C	MALATYA/BOLGE	TURKEY	86440	C	MELO	URUGUAY

# STATION LIST RECENT DATA

61250	C	MENAKA	MALI	76393	C	MONTERREY,N.L.	MEXICO
87418	C	MENDOZA AERO	ARGENTINA	83437	C	MONTES CLAROS	BRAZIL
80425	C	MENE GRANDE	VENEZUELA	72226	C	MONTGOMERY/DANNELLYAL.	USA
56985	C	MENGZI	CHINA	07643	C	MONTPELLIER	FRANCE
08314	C	MENORCA/MAHON	SPAIN	71836	T	MOOSONEE,ONT.	CANADA
97980	C	MERAUKE/MOPAH	INDONESIA	61265	C	MOPTI	MALI
86490	C	MERCEDES	URUGUAY	76665	C	MORELIA,MICH.	MEXICO
80438	C	MERIDA	VENEZUELA	27612	CT	MOSKVA	RUSSIAN FEDERATION
72234	C	MERIDIAN/KEY,MS.	USA	60457	C	MOSTAGANEMVILLE	ALGERIA
62306	CT	MERSA MATRUH	EGYPT	94821	CT	MOUNT GAMBIER AERO	AUSTRALIA
17340	C	MERSIN	TURKEY	88889	T	MOUNT PLEASANT AIRPORT	UK FALKLAND ISLANDS
48674	C	MERSING	MALAYSIA	64402	C	MOUYONDZI	CONGO
16420	C	MESSINA	ITALY	63619	C	MOYALE	KENYA
72202	C	MIAMI, FL.	USA	94332	CT	MT ISA AERO	AUSTRALIA
60195	C	MIDELT	MOROCCO	63971	C	MTWARA	U REP TANZANIA
72265	C	MIDLAND/MIDLANDREG., TX.	USA	10870	C	MUENCHEN,FLUGHAFEN	GERMANY
16080	T	MILANO/LINATE	ITALY	10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY
94693	C	MILDURA AIRPORT	AUSTRALIA	17292	C	MUGLA	TURKEY
11464	C	MILESOVKA	CZECH REP	42147	C	MUKTESHWARKUMAON	INDIA
60430	C	MILIANA	ALGERIA	41675	C	MULTAN	PAKISTAN
72640	C	MILWAUKEE/GEN.MITCHELL, WI.	USA	08430	T	MURCIA	SPAIN
47945	CT	MINAMIDAITOJIMA	JAPAN	08433	C	MURCIA/SAN JAVIER	SPAIN
47991	CT	MINAMITORISHIMA	JAPAN	44231	C	MUREN	MONGOLIA
43369	CT	MINICOY	INDIA	22113	CT	MURMANSK	RUSSIAN FEDERATION
72658	C	MINNEAPOLIS/ST.PAULINTL,MN.	USA	47899	C	MURATOMISAKI	JAPAN
26850	C	MINSK	BELARUS	72636	C	MUSKEGON/COUNTY,MI.	USA
29866	C	MINUSINSK	RUSSIAN FEDERATION	63756	C	MWANZA	U REP TANZANIA
96449	C	MIRI	MALAYSIA ERATION	25173	C	MYS SHMIDTA	RUSSIAN FEDERATION
89592	CT	MIRNYJ	USSR N	25399	C	MYS UELEN	RUSSIAN FEDERATION
72773	C	MISSOULA/JOHNSON-BELLF.,MT.	USA	64654	C	N'DELE	CENTRAL AFRICAN REP
47585	C	MIYAKO	JAPAN	47817	C	NAGASAKI	JAPAN
47927	C	MIYAKOJIMA	JAPAN	47636	C	NAGOYA	JAPAN
47830	C	MIYAZAKI	JAPAN	42867	CT	NAGPUR SONEGAON	INDIA
68242	C	MMABATHO	SOUTH AFRICA	47936	CT	NAHA	JAPAN
72223	C	MOBILE/BATESFIELD, AL.	USA	63740	C	NAIROBI/KENYATTA AIRPORT	KENYA
30673	C	MOGOCA	RUSSIAN FEDERATION	41128	C	NAJRAN	SAUDI ARABIA
47165	C	MOKPO	REP KOREA	48431	C	NAKHON RATCHASIMA	THAILAND
72544	C	MOLINE/QUADCITY, IL.	USA	48400	C	NAKHONSAWAN	THAILAND
76342	C	MONCLOVA,COAH.	MEXICO	67237	C	NAMPULA	MOZAMBIQUE
67633	C	MONGU	ZAMBIA	58606	C	NANCHANG	CHINA
07560	C	MONT AIGOUAL	FRANCE	07180	T	NANCY/ESSEY	FRANCE
07607	C	MONT-DE-MARSAN	FRANCE	91680	CT	NANDI	FIJI
87393	C	MONTE CASEROS AERO	ARGENTINA	59431	C	NANNING	CHINA
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	07222	C	NANTES	FRANCE



# STATION LIST RECENT DATA

23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION	64659	C	OBO	CENTRAL AFRICAN REP
61233	C	NARA	MALI	33837	C	ODESA	UKRAINE
04270	T	NARSARSUAQ	GREENLAND	31088	CT	OHOTSK	RUSSIAN FEDERATION
72327	CT	NASHVILLE/METROPOLITAN,TN.	USA	47815	C	OITA	JAPAN
78073	C	NASSAU AIRPORT	BAHAMAS	24688	C	OJMJAKON	RUSSIAN FEDERATION
82598	C	NATAL	BRAZIL	24125	CT	OLENEK	RUSSIAN FEDERATION
82599	T	NATAL (AEROPORTO)	BRAZIL	72792	C	OLYMPIA, WA.	USA
71813	C	NATASHQUAN,QUE.	CANADA	47655	C	OMAEZAKI	JAPAN
65319	C	NATITINGOU	BENIN	44215	C	OMNO-GOBI	MONGOLIA
91683	C	NAUSORI	FIJI	28698	CT	OMSK	RUSSIAN FEDERATION
41749	C	NAWABSHAH	PAKISTAN	47598	C	ONAHAMA	JAPAN
47909	CT	NAZE	JAPAN	91699	C	ONO-I-LAU	FIJI
64700	C	NDJAMENA	CHAD	87016	C	ORAN AERO	ARGENTINA
80315	C	NEIVA/BENITOSALAS	COLOMBIA	60461	C	ORAN PORT	ALGERIA
47420	CT	NEMURO	JAPAN	60490	C	ORAN/ES SENIA	ALGERIA
89002	CT	NEUMAYER	GERMANY	35121	CT	ORENBURG	RUSSIAN FEDERATION
87715	C	NEUQUENA AERO	ARGENTINA	01241	CT	ORLAND	NORWAY
10270	C	NEURUPPIN	GERMANY	72205	C	ORLANDO/JETPORT,FL.	USA
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	40712	C	ORUMIEH	IRAN, ISLAMIC REP
72231	C	NEW ORLEANS/MOISANTINT., LA	USA	85242	C	ORURO	BOLIVIA
93309	C	NEW PLYMOUTH AWS	N ZEALAND	47772	C	OSAKA	JAPAN
72503	C	NEW YORK/LA GUARDIA,NY.	USA	47122	T	OSAN AB	REP KOREA
61052	T	NIAMEY-AERO	NIGER	47675	C	OSHIMA	JAPAN
07690	C	NICE	FRANCE	01384	C	OSLO/GARDERMOEN	NORWAY
17250	C	NIGDE	TURKEY	85782	C	OSORNO	CHILE
02942	C	NIINISALO	FINLAND	11782	C	OSTRAVA/MOSNOV	CZECH REP
32618	C	NIKOL'SKOE	RUSSIAN FEDERATION	20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION
31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION	21432	C	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION
98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES	20069	C	OSTROV VIZE	RUSSIAN FEDERATION
23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION	65503	C	OUAGADOUGOU	BURKINA FASO
41710	C	NOKKUNDI	PAKISTAN	65502	C	OUAHIGOUYA	BURKINA FASO
70200	CT	NOME	USA	60580	C	OUARGLA	ALGERIA
94996	CT	NORFOLK ISLAND AERO	AUSTRALIA	60265	C	OUARZAZATE	MOROCCO
72308	C	NORFOLK/INT.,VA.	USA	64458	C	OUESSO	CONGO
72556	C	NORFOLK/KARLSTEFAN, NE.	USA	60115	C	OIJDA	MOROCCO
71043	CT	NORMAN WELLS UA, N.W.T.	CANADA	02875	C	OULU	FINLAND
72340	C	NORTHLITTLE ROCK/MUNICIPAL	USA	60421	C	OUM EL BOUAGHI	ALGERIA
72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA	08015	C	OVIEDO	SPAIN
61415	C	NOUADHIBOU	MAURITANIA	47663	C	OWASE	JAPAN
61442	C	NOUAKCHOTT	MAURITANIA	96163	C	PADANG/TABING	INDONESIA
91592	CT	NOUMEA (NLE-CALEDONIE)	N CALEDONIA	91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA
89512	C	NOVOLAZAREVSKAJA	USSR	96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA
10763	C	NUERNBERG	GERMANY	08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN
62790	C	NYALA	SUDAN	80479	C	PALMICHAL	VENEZUELA

# STATION LIST RECENT DATA

40061	C	PALMYRA	SYRIAN ARAB REP	91348	C	PONAPE, CAROLINEISLANDS.	USA
43363	C	PAMBAN	INDIA	71095	C	POND INLET, N.W.T.	CANADA
41739	C	PANJUR	PAKISTAN	08513	C	PONTA DELGADA/(OBS.)	PORTUGAL
41560	C	PARACHINAR	PAKISTAN	83702	C	PONTA PORA	BRAZIL
65330	C	PARAKOU	BENIN	43063	C	POONA	INDIA
87374	C	PARANA AERO	ARGENTINA	11952	T	POPRAD-GANOVCE	SLOVAKIA
93417	CT	PARAPARAUMUAERODROME	N ZEALAND	11934	C	POPRAD/TATRY	SLOVAKIA
82287	C	PARNAIBA	BRAZIL	80421	C	PORLAMAR (AEROPUERTOINT. DE	VENEZUELA
41759	C	PASNI	PAKISTAN	43333	CT	PORT BLAIR	INDIA
86460	C	PASO DE LOS TOROS	URUGUAY	68842	CT	PORT ELIZABETH	SOUTH AFRICA
42492	T	PATNA	INDIA	71109	CT	PORT HARDY UA,B.C.	CANADA
82791	C	PATOS	BRAZIL	94312	CT	PORT HEDLANDAIRPORT	AUSTRALIA
06610	T	PAYERNE	SWITZERLAND	62641	C	PORT SUDAN	SUDAN
12942	C	PECS/POGANY	HUNGARY	78437	C	PORT-AU-PRINCE(DAMIEN)	HAITI
87544	C	PEHUAJO AERO	ARGENTINA	71197	C	PORT-AUX-BASQUES,NFLD.	CANADA
48601	CT	PENANG/BAYANLEPAS	MALAYSIA	61998	CT	PORT-AUX-FRANCAIS(ILES KERG	OCEANISLANDS
72688	C	PENDLETON,OR.	USA	64501	C	PORT-GENTIL	GABON
72532	C	PEORIA/GREATERPEORIA, IL.	USA	72698	C	PORTLAND/INT.,OR.	USA
80210	C	PEREIRA/MATECANA	COLOMBIA	72606	C	PORTLAND/INTNLJET PORT, ME	USA
87852	C	PERITO MORENO AERO	ARGENTINA	83967	C	PORTO ALEGRE	BRAZIL
07747	C	PERPIGNAN	FRANCE	83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL
94610	CT	PERTH AIRPORT	AUSTRALIA	83064	C	PORTO NACIONAL	BRAZIL
82983	C	PETROLINA	BRAZIL	82825	C	PORTO VELHO	BRAZIL
32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION	08546	C	PORTO/SERRADO PILAR	PORTUGAL
72408	C	PHILADELPHIA/INT.,PA.	USA	87178	C	POSADAS AERO.	ARGENTINA
48378	C	PHITSANULOK	THAILAND	83332	C	POSSE	BRAZIL
72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA	10379	C	POTSDAM	GERMANY
78970	CT	PIARCO INT. AIRPORT, TRINIDAD	TRINIDAD AND TOBAGO	12330	C	POZNAN	POLAND
68174	C	PIETERSBURG	SOUTH AFRICA	48500	C	PRACHUAPKHIRIKHAN	THAILAND
87679	C	PIGUE AERO	ARGENTINA	11520	CT	PRAHA-LIBUS	CZECH REP
87349	C	PILAR OBSERVATORIO	ARGENTINA	11518	C	PRAHA/RUZYNE	CZECH REP
16158	C	PISA/S. GIUSTO	ITALY	16245	T	PRATICA DI MARE	ITALY
84691	C	PISCO	PERU	68262	C	PRETORIA	SOUTH AFRICA
72520	C	PITTSBURGH/GREATERPITT.,PA.	USA	11659	C	PRIBYSLAV	CZECH REP
84401	C	PIURA	PERU	11423	C	PRIMDA	CZECH REP
61990	C	PLAISANCE (MAURITIUS)	MAURITIUS	71869	C	PRINCE ALBERT,SASK.	CANADA
07117	C	PLOUMANACH	FRANCE	04390	C	PRINS CHRISTIANSUND	GREENLAND
65518	C	PO	BURKINA FASO	72507	C	PROVIDENCE/GREENSTATE, RI.	USA
72578	C	POCATELLO/NUM.,ID.	USA	80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA
13463	C	PODGORICA-GRAD	YUGOSLAVIA	84515	C	PUCALLPA	PERU
61612	C	PODOR	SENEGAL	85574	C	PUDAHUEL	CHILE
47138	CT	POHANG	REP KOREA	80457	C	PUERTO AYACUCHO	VENEZUELA
64400	C	POINTE-NOIRE	CONGO	80139	C	PUERTO CARRENO/A.GUAUQUEA	COLOMBIA
07335	C	POITIERS	FRANCE	87896	C	PUERTO DESEADO AERO	ARGENTINA

# STATION LIST RECENT DATA

78767	C	PUERTO LIMON	COSTA RICA	72529	C	ROCHESTER/R-MONROECTY., NY.	USA
85799	CT	PUERTO MONTT	CHILE	94374	C	ROCKHAMPTONAERO	AUSTRALIA
78458	C	PUERTO PLATA	DOMINICAN REP	61988	C	RODRIGUES	MAURITIUS
85289	C	PUERTO SUAREZ	BOLIVIA	06190	C	ROENNE	DENMARK & FAROE IS.
85934	CT	PUNTA ARENAS	CHILE	87480	C	ROSARIO AERO	ARGENTINA
87596	C	PUNTA INDIO B.A.	ARGENTINA	03957	C	ROSSLARE	IRELAND
47159	C	PUSAN	REP KOREA	10170	C	ROSTOCK-WARNEMUENDE	GERMANY
56137	C	QAMDO	CHINA	34731	T	ROSTOV-NA-DONU	RUSSIAN FEDERATION
54857	C	QINGDAO	CHINA	89062	C	ROTHERAPOINT	U KINGDOM N
50745	C	QIQIHAR	CHINA	91650	C	ROTUMA	FIJI
67283	C	QUELIMANE	MOZAMBIQUE	07037	C	ROUEN	FRANCE
80144	C	QUIBDO/ELCARANO	COLOMBIA	51777	C	RUOQIANG	CHINA
72797	C	QUILLAYUTE,WA.	USA	85141	C	RURRENABAQUE	BOLIVIA
85543	C	QUINTERO	CHILE	71600	CT	SABLE ISLAND,N.S.	CANADA
82586	C	QUIXERAMOBIM	BRAZIL	72483	C	SACRAMENTO/EXECUTIVECA.	USA
60135	C	RABAT-SALE	MOROCCO	06680	C	SAENTIS	SWITZERLAND
40362	C	RAFHA	SAUDI ARABIA	42671	C	SAGAR	INDIA
72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA	60536	C	SAIDA	ALGERIA
93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND	47740	C	SAIGO	JAPAN
91958	CT	RAPA	FRENCH POLY.	44336	C	SAIKHAN-OVOO	MONGOLIA
72662	C	RAPID CITY/REGIONALAIRPORT,	USA	61600	C	SAINT-LOUIS	SENEGAL
91843	C	RAROTONGA	COOK ISLANDS	08594	CT	SAL ISLAND	CAPE VERDE
22602	C	REBOLY	RUSSIAN FEDERATION	41316	CT	SALALAH	OMAN
82900	CT	RECIFE (CURADO)	BRAZIL	08202	C	SALAMANCA/MATACAN	SPAIN
87270	C	RECONQUISTAAERO	ARGENTINA	23330	CT	SALEHARD	RUSSIAN FEDERATION
07070	C	REIMS	FRANCE	72572	C	SALT LAKE CITY/INTL,UT.	USA
07130	C	RENNES	FRANCE	87047	C	SALTA AERO	ARGENTINA
72488	C	RENO/INT.,NV.	USA	76390	C	SALTILLO,COAH	MEXICO
87155	C	RESISTENCIA AERO.	ARGENTINA	86360	C	SALTO	URUGUAY
71924	CT	RESOLUTEUA, N.W.T.	CANADA	83229	CT	SALVADOR	BRAZIL
04030	C	REYKJAVIK	ICELAND	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
85043	C	RIBERALTA	BOLIVIA	35925	C	SAM	KAZAKHSTAN
72401	C	RICHMOND/BYRD,VA.	USA	17030	CT	SAMSUN	TURKEY
91948	C	RIKITEA	FRENCH POLY.	61277	C	SAN	MALI
44203	C	RINCHINHUMBE	MONGOLIA	80001	C	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA
82915	C	RIO BRANCO	BRAZIL	72263	C	SAN ANGELO/MATHIS,TX.	USA
87453	C	RIO CUARTO AERO	ARGENTINA	80447	C	SAN ANTONIODEL TACHIRA	VENEZUELA
87925	C	RIO GALLEGOS AERO	ARGENTINA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	72253	C	SAN ANTONIO/INT.,TX.	USA
40438	C	RIYADH	SAUDI ARABIA	72290	C	SAN DIEGO/LINDBERGH,CA.	USA
72411	C	ROANOKE/MUN.,VA.	USA	80450	C	SAN FERNANDO DE APURE	VENEZUELA
85268	C	ROBORE	BOLIVIA	72494	C	SAN FRANCISCO/INTL,CA.	USA
86565	C	ROCHA	URUGUAY	85207	C	SAN IGNACIO DE VELASCO	BOLIVIA
72644	C	ROCHESTER/MUN.,MN.	USA	85104	C	SAN JOAQUIN	BOLIVIA

# STATION LIST RECENT DATA

85247	C	SAN JOSE DE CHIQUITOS	BOLIVIA	58362	CT	SHANGHAI	CHINA
87311	C	SAN JUAN AERO	ARGENTINA	03962	C	SHANNON AIRPORT	IRELAND
80431	C	SAN JUAN DE LOS MORROS	VENEZUELA	59316	C	SHANTOU	CHINA
78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US	41136	C	SHARURAH	SAUDI ARABIA
87909	C	SAN JULIAN AERO	ARGENTINA	70414	T	SHEMYA AFB	USA
87436	C	SAN LUIS AERO	ARGENTINA	54342	C	SHENYANG	CHINA
87509	C	SAN RAFAEL AERO	ARGENTINA	72666	C	SHERIDAN/COUNTY,WY.	USA
08027	C	SAN SEBASTIAN/IGUELDO	SPAIN	47898	C	SHIMIZU	JAPAN
96491	C	SANDAKAN	MALAYSIA	47778	CT	SHIONOMISAKI	JAPAN
17270	C	SANLIURFA	TURKEY	40848	C	SHIRAZ	IRAN, ISLAMIC REP
85123	C	SANTA ANA	BOLIVIA	72248	C	SHREVEPORT/REG.,LA.	USA
60020	C	SANTA CRUZ DE TENE- RIFE, CM	SPAIN	41600	C	SIALKOT	PAKISTAN
85245	C	SANTA CRUZ/EL TROMPILLO	BOLIVIA	26524	C	SIAULIAI	LITHUANIA
80462	C	SANTA ELENA DE UAIREN	VENEZUELA	64405	C	SIBITI	CONGO
08515	C	SANTA MARIA (ACORES)	PORTUGAL	15260	C	SIBIU	ROMANIA
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	96073	C	SIBOLGA/PINANGSORI	INDONESIA
87623	CT	SANTA ROSA AERO	ARGENTINA	96421	C	SIBU	MALAYSIA
08023	CT	SANTANDER	SPAIN	60520	C	SIDI BEL ABBES	ALGERIA
87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA	17210	C	SIIRT	TURKEY
85577	C	SANTIAGO QUINTA NORMAL	CHILE	61297	C	SIKASSO	MALI
78486	C	SANTO DOMINGO	DOMINICAN REP	42619	C	SILCHAR	INDIA
82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL	33946	C	SIMFEROPOL'	UKRAINE
82280	C	SAO LUIZ	BRAZIL	48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE
83781	C	SAO PAULO	BRAZIL	72557	C	SIoux CITY/MUN.,IA.	USA
47412	CT	SAPPORO	JAPAN	72651	C	SIoux FALLS/FOSS FIELD, SD.	USA
34172	C	SARATOV	RUSSIAN FEDERATION	71842	C	SIoux LOOKOUT,ONT.	CANADA
41594	T	SARGODHA	PAKISTAN	17090	C	SIVAS	TURKEY
72734	C	SAULT STE. MARIE, MI.	USA	60355	C	SKIKDA	ALGERIA
97900	C	SAUMLAKI	INDONESIA	71069	C	SLAVE LAKE, ALTA	CANADA
72207	C	SAVANNAH/MUNICIPAL,GA.	USA	11903	C	SLIAC	SLOVAKIA
65335	C	SAVE	BENIN	71950	C	SMITHERS,B.C.	CANADA
71828	C	SCHEFFERVILLE,QUE.	CANADA	02836	CT	SODANKYLA	FINLAND
10035	CT	SCHLESWIG	GERMANY	15614	CT	SOFIA (OBSERV.)	BULGARIA
10162	C	SCHWERIN	GERMANY	65361	C	SOKODE	TOGO
72793	C	SEATTLE/S.-TACOMA,WA.	USA	63962	C	SONGEA	U REP TANZANIA
41256	CT	SEEB, INTERNATIONAL AIRPORT	OMAN	48568	CT	SONGKHLA	THAILAND
25703	CT	SEJMCHAN	RUSSIAN FEDERATION	11146	C	SONNBLICK	AUSTRIA
36177	C	SEMPALATINSK	KAZAKHSTAN	16746	C	SOUDA (AIRPORT)	GREECE
62762	C	SENNAR	SUDAN	60423	C	SOUK AHRAS	ALGERIA
47108	C	SEOUL	REP KOREA	72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA
71811	T	SEPT-ILES UA,QUE.	CANADA	72785	C	SPOKANE/INT.,WA.	USA
60445	C	SETIF	ALGERIA	68512	C	SPRINGBOK	SOUTH AFRICA
08391	C	SEVILLA/SANPABLO	SPAIN	72439	C	SPRINGFIELD/CAPITAL,IL.	USA
63980	C	SEYCHELLES INT. AIRPORT	SEYCHELLES	42027	CT	SRINAGAR	INDIA

# STATION LIST RECENT DATA

61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS	47891	C	TAKAMATSU	JAPAN
61901	CT	ST. HELENA IS.	OCEAN ISLANDS	91943	C	TAKAROA	FRENCH POLY.
72434	C	ST. LOUIS/LAMBERT, ST., MO.	USA	72214	C	TALLAHASSEE/MUN., FL.	USA
70308	C	ST. PAUL	USA	26038	C	TALLINN	ESTONIA
26063	CT	ST. PETERBURG	RUSSIAN FEDERATION	60680	CT	TAMANRASSET	ALGERIA
11028	C	ST. POELTEN	AUSTRIA	67095	C	TAMATAVE	MADAGASCAR
71801	T	ST. JOHN'S UA, NLFD	CANADA	61687	C	TAMBACOUNDA	SENEGAL
83997	C	ST. VITORIADO PALMAR	BRAZIL	38413	C	TAMDY	UZBEKISTAN
04312	C	STATION NORD AWS	GREENLAND	72211	C	TAMPA/INT., FL.	USA
01415	CT	STAVANGER/SOLA	NORWAY	76548	C	TAMPICO, TAMPS	MEXICO
71815	T	STEPHENVILLEUA, NFLD	CANADA	87645	C	TANDIL AERO	ARGENTINA
72403	T	STERLING, VA.	USA	47837	C	TANEGASHIMA	JAPAN
80475	C	STO. DOMINGO (B.A.)	VENEZUELA	60101	C	TANGER (AERODROME)	MOROCCO
03026	C	STORNOWAY	U KINGDOM	96249	C	TANJUNGPANDAN/BULUH TUMBANG	INDONESIA
07190	C	STRASBOURG	FRANCE	76903	C	TAPACHULA, CHIS.	MEXICO
10738	C	STUTTGART-ECHTERDINGEN	GERMANY	84455	C	TARAPOTO	PERU
10739	T	STUTTGART/SCHNARRENBERG	GERMANY	44230	C	TARIALAN	MONGOLIA
85283	C	SUCRE	BOLIVIA	23552	C	TARKO-SALE	RUSSIAN FEDERATION
15360	C	SULINA	ROMANIA	26242	C	TARTU	ESTONIA
02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN	38457	C	TASHKENT	UZBEKISTAN
24738	C	SUNTAR	RUSSIAN FEDERATION	04360	CT	TASIILAQ (AMASSALIK)	GREENLAND
41268	C	SUR	OMAN	47646	T	TATENO	JAPAN
98653	C	SURIGAO	PHILIPPINES	96481	CT	TAWAU	MALAYSIA
47421	C	SUTTSU	JAPAN	78720	C	TEGUCIGALPA	HONDURAS
01008	C	SVALBARDLUFTHAVN	NORWAY	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
94767	C	SYDNEY AIRPORT	AUSTRALIA	85743	C	TEMUCO	CHILE
23804	CT	SYKTYVKAR	RUSSIAN FEDERATION	60410	C	TENES	ALGERIA
89532	CT	SYOWA	JAPAN N	56739	C	TENGCHONG	CHINA
72519	C	SYRACUSE/HANCOCK, NY.	USA	94238	C	TENNANT CREEK MET OFFICE	AUSTRALIA
12205	C	SZCZECIN	POLAND	83492	C	TEOFILO OTONI	BRAZIL
12982	CT	SZEGED	HUNGARY	76556	C	TEPIC, NAY	MEXICO
63832	C	TABORA AIRPORT	U REP TANZANIA	82578	C	TERESINA	BRAZIL
65592	C	TABOU	COTE D'IVOIRE	61202	C	TESSALIT	MALI
40706	C	TABRIZ	IRAN, ISLAMIC REP	60318	C	TETUAN/SANIARAMEL	MOROCCO
40375	CT	TABUK	SAUDI ARABIA	71867	CT	THE PAS, MAN.	CANADA
98550	C	TACLOBAN	PHILIPPINES	16622	C	THESSALONIKI/MIKRA	GREECE
84782	C	TACNA	PERU	43371	CT	THIRUVANANTHAPURAM	INDIA
47133	C	TAEJON	REP KOREA	71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA
98644	C	TAGBILARAN	PHILIPPINES	06011	CT	THORSHAVN	DENMARK & FAROE IS.
83235	C	TAGUATINGA	BRAZIL	41314	C	THUMRAIT	OMAN
91938	CT	TAHITI-FAAA	FRENCH POLY.	60511	C	TIARET	ALGERIA
41036	C	TAIF	SAUDI ARABIA	61450	C	TIDJIKJA	MAURITANIA
45011	C	TAIPA	MACAU	81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA
53772	C	TAIYUAN	CHINA	60607	C	TIMIMOUN	ALGERIA

# STATION LIST RECENT DATA

15247	C	TIMISOARA	ROMANIA	23472	CT	TURUHANSK	RUSSIAN FEDERATION
02366	C	TIMRA/MIDLANDA	SWEDEN	48407	T	UBON RATCHATHANI	THAILAND
03100	C	TIREE	U KINGDOM	06447	CT	UCCLE	BELGIUM
60395	C	TIZI-OUZOU	ALGERIA	16045	C	UDINE/RIVOLTO	ITALY
60531	C	TLEMCEN(ZENATA)	ALGERIA	48354	C	UDON THANI	THAILAND
28275	C	TOBOL'SK	RUSSIAN FEDERATION	44214	C	UIGI	MONGOLIA
47662	C	TOKYO	JAPAN	44292	C	ULAAN-BAATOR	MONGOLIA
72536	C	TOLEDO/EXPRESS,OH.	USA	44212	C	ULAAN-GOM	MONGOLIA
76675	C	TOLUCA,MEX	MEXICO	44272	C	ULIASTAI	MONGOLIA
61223	C	TOMBOUCTOU	MALI	47115	C	ULLUNGDO	REP KOREA
76382	C	TORREON,COAH.	MEXICO	44304	C	UNDERKHAAN	MONGOLIA
08238	C	TORTOSA	SPAIN	76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO
44225	C	TOSONTSENGEL	MONGOLIA	68424	C	UPINGTON	SOUTH AFRICA
60555	C	TOUGGOURT	ALGERIA	47426	C	URAKAWA	JAPAN
07630	C	TOULOUSE/BLAGNAC	FRANCE	51463	CT	URUMQI	CHINA
94294	CT	TOWNSVILLEAERO	AUSTRALIA	17188	C	USAK	TURKEY
16429	C	TRAPANI/BIRGI	ITALY	87938	C	USHUAIA AERO	ARGENTINA
86500	C	TREINTA Y TRES	URUGUAY	30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION
87828	C	TRELEW AERO	ARGENTINA	25325	C	UST'-OLOJ	RUSSIAN FEDERATION
87688	C	TRES ARROYOS	ARGENTINA	61995	T	VACOAS(MAURITIUS)	MAURITIUS
83618	C	TRES LAGOAS	BRAZIL	85766	C	VALDIVIA	CHILE
10609	C	TRIER-PETRISBERG	GERMANY	80472	C	VALENCIA	VENEZUELA
43418	C	TRINCOMALEE	SRI LANKA	08284	C	VALENCIA/AEROPUERTO	SPAIN
83650	T	TRINDADE(ILHA)	BRAZIL	03953	CT	VALENTIAOBSERVATORY	IRELAND
85154	C	TRINIDAD	BOLIVIA	80426	C	VALERA	VENEZUELA
40103	C	TRIPOLI	LEBANON	08141	C	VALLADOLID	SPAIN
01025	C	TROMSO/LANGNES	NORWAY	80434	C	VALLE DE LA PASCUA	VENEZUELA
84501	C	TRUJILLO	PERU	03302	C	VALLEY	U KINGDOM
91334	C	TRUK,CAROLINEIS.	USA	17170	C	VAN	TURKEY
44282	C	TSETSERLEG	MONGOLIA	01098	C	VARDO	NORWAY
44347	C	TSOGT-OVOO	MONGOLIA	15552	C	VARNA	BULGARIA
91954	C	TUBUAI	FRENCHPOLY.	26477	C	VELIKIELUKI	RUSSIAN FEDERATION
72274	C	TUCSON/INT.,AZ.	USA	26314	C	VENTSPILS	LATVIA
87121	C	TUCUMAN AERO	ARGENTINA	83264	C	VERA (GLEBA CELESTE)	BRAZIL
98233	C	TUGUEGARAO	PHILIPPINES	42909	C	VERAVAL	INDIA
76634	C	TULANCINGO,HGO.	MEXICO	24266	CT	VERHOJANSK	RUSSIAN FEDERATION
67161	C	TULEAR	MADAGASCAR	89063	C	VERNADSKY	UKRAINEIN
84370	C	TUMBES	PERU	16090	C	VERONA/VILLAFRANCA	ITALY
80453	C	TUMEREMO	VENEZUELA	72255	C	VICTORIA/VICTORIAREG., TX.	USA
60715	CT	TUNIS-CARTHAGE	TUNISIA	87791	C	VIEDMA AERO	ARGENTINA
24507	CT	TURA	RUSSIAN FEDERATION	08045	C	VIGO/PEINADOR	SPAIN
40356	C	TURAIIF	SAUDI ARABIA	83208	T	VILHENA (AEROPORTO)	BRAZIL
38507	C	TURKMENBASHI	TURKMENISTAN	24641	C	VILJUJSK	RUSSIAN FEDERATION
02972	C	TURKU	FINLAND	60096	C	VILLA CISNEROS	WESTERN SAHARA

# STATION LIST RECENT DATA

87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA	91413	C	YAP, CAROLINEIS.	USA
87328	C	VILLA DOLORES AERO	ARGENTINA	71603	CT	YARMOUTH,N.S.	CANADA
87448	C	VILLA REYNOLDS AERO	ARGENTINA	40439	C	YENBO	SAUDI ARABIA
11212	C	VILLACHERALPE	AUSTRIA	57461	C	YICHANG	CHINA
76743	C	VILLAHERMOSA,TAB	MEXICO	53614	C	YINCHUAN	CHINA
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA	51431	C	YINING	CHINA
26730	C	VILNIUS	LITHUANIA	47744	T	YONAGO	JAPAN
02590	C	VISBY FLYGPLATS	SWEDEN	47168	C	YOSU	REP KOREA
43149	C	VISHAKHAPATNAM	INDIA	72525	C	YOUNGSTOWN,OH.	USA
83648	C	VITORIA	BRAZIL	84425	C	YURIMAGUAS	PERU
83344	C	VITORIA DA CONQUISTA	BRAZIL	44358	C	ZAMYN-UUD	MONGOLIA
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	81225	C	ZANDERIJ	SURINAME
27037	CT	VOLOGDA	RUSSIAN FEDERATION	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
22837	C	VYTEGRA	RUSSIAN FEDERATION	57083	C	ZHENGZHOU	CHINA
72256	C	WACO,MADISON-COOPER,TX.	USA	57745	C	ZHIJIANG	CHINA
62751	C	WAD MEDANI	SUDAN	41620	C	ZHOB	PAKISTAN
03377	C	WADDINGTON	U KINGDOM	61695	C	ZIGUINCHOR	SENEGAL
41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA	61090	C	ZINDER	NIGER
62600	C	WADI HALFA	SUDAN	17022	C	ZONGULDAK	TURKEY
94910	CT	WAGGA AIRPORT	AUSTRALIA	10961	C	ZUGSPITZE	GERMANY
47600	CT	WAJIMA	JAPAN	06660	C	ZURICH (TOWN/VILLE).	SWITZERLAND
47401	CT	WAKKANAI	JAPAN	25400	C	ZYRJANKA	RUSSIAN FEDERATION
12375	C	WARSZAWA-OKECIE	POLAND				
72405	C	WASHINGTON/NAT.,VA.	USA				
40400	C	WEJH	SAUDI ARABIA				
72203	C	WEST PALM BEACH/INT.,FL.	USA				
10055	CT	WESTERMARKELSDORF	GERMANY				
71964	CT	WHITEHORSE,UA, Y.T.	CANADA				
72351	C	WICHITA FALLS/SHEPS AFB TX	USA				
11035	CT	WIEN/HOHEWARTE	AUSTRIA				
72513	C	WILKES-BARRE-SCRANTONPA.	USA				
94776	CT	WILLIAMTOWNAERODROME	AUSTRALIA				
94299	CT	WILLIS ISLAND	AUSTRALIA				
72767	C	WILLISTON/SLOULINFIELD, ND.	USA				
72583	C	WINNEMUCCA/MUN.,NV.	USA				
12497	C	WLODAWA	POLAND				
12425	T	WROCLAWI	POLAND				
12424	C	WROCLAWII	POLAND				
57036	C	XI'AN	CHINA				
56571	C	XICHANG	CHINA				
85365	C	YACUIBA	BOLIVIA				
72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA				
70361	CT	YAKUTAT	USA				
54292	C	YANJI	CHINA				

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