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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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Atmospheric Administration

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Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

PREFACE

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

REFERENCE NOTES

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

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

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

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

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

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

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

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

SURFACE DATA TABLES

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

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

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

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

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

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

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

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

UPPER AIR DATA TABLES

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

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

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

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

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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	
EUROPE																
NORWAY																
01001 JAN MAYEN	7056N	00840W	9		1013.2	1014.4	- .7	.0	5.1	.0	7	16	-24	1		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1010.3	1013.8	-2.5	1.9	4.1	.5	1	4	-3	2		
01025 TROMSO/LANGNES	6941N	01855E	10		1009.5	1010.6	6.8	1.7	7.0	.9	9	48	2	4		
01028 BJORNOYA	7431N	01901E	16		1011.4	1013.5	-1.7	-.3	4.8	-.3	2	5	-13	1		
01098 VARDØ	7022N	03106E	15		1009.9	1011.7	4.3	1.8	6.6	.4	8	49	19	5		
01152 BODØ VI	6715N	01422E	20		1008.6	1010.1	7.7	.5	7.7	.5	14	109	63	5	224	102
01241 ORLAND III	6342N	00936E	7		1009.1	1010.2	9.3	.6	8.5	.0	13	72	22	5		
01317 BERGEN/FLORIDA	6023N	00520E	36		1006.4	1010.7	9.7	-.8	9.2	.4	21	196	90	5		
01384 OSLO/GARDERMOEN	6012N	01105E	204		987.0	1011.6	9.0	-.4	8.4	.9	17	99	38	5		
01415 STAVANGER/SOLA	5853N	00538E	9		1010.7	1011.7	9.5	-.4	9.9	.8	18	77	9	4		
SWEDEN																
02080 KARESUANDO	6826N	02230E	325		970.4	1010.5	5.6	2.2	6.7	.8	14	41	13	5	213	92
02128 GUNNARN	6458N	01742E	281		976.9	1011.0	7.5	.5	7.0	.6	13	77	38	6		
02196 HAPARANDA	6550N	02409E	6		1010.0	1010.7	7.3	1.2	7.7	1.0	13	60	28	5	240	89
02226 FROSON	6312N	01430E	360		966.2	1011.4	7.6	.4	7.7	1.0	7	25	-10	2	207	89
02366 TIMRA/MIDLANDA	6231N	01727E	7		1011.2	1011.7	8.1	.3	8.2	1.0	6	41	3	4		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		999.4	1012.3	10.6	.7	9.2	.7	12	65	23	5	207	84
02512 GÖTEBORG/SAVE	5747N	01153E	16		1011.6	1013.8	10.8	-.1	11.2	1.9	14	79	28	5		
02550 JONKÖPING/AXAMÖ	5745N	01405E	218		986.5	1013.6	10.2	.6	9.4	1.3	16	70	24	4		
02590 VISBY FLYGPLATS	5740N	01821E	41		1008.5	1014.6	10.7	1.1	9.3	.4	4	16	-13	2	220	77
FINLAND																
02801 KILPISJARVI	6903N	02047E	476		952.4	1011.5	2.8		5.7		6	27		4		
02805 KEVO	6945N	02702E	101		999.0	1011.6	5.4		6.2		8	34		4	196	95
02836 SODANKYLÄ	6722N	02639E	179		988.7	1011.0	6.8	1.8	6.8		10	63	28	5	160	65
02869 KUUSAMO	6558N	02911E	263		978.7	1011.7	6.7	1.7	7.2		11	83	39	5		
02875 OULU	6456N	02522E	15		1009.2	1011.1	8.5	1.0	8.1		6	48	18	5	251	94
02897 KAJAANI	6417N	02741E	136		995.1	1011.9	8.5	1.0	7.8		12	82	44	5		
02929 JOENSUU	6240N	02938E	117		997.6	1012.5	10.3	2.0	8.3		11	61	25	5		
02935 JYVASKYLÄ	6224N	02541E	145		994.5	1012.0	9.7	1.0	8.3		14	114	73	6	205	82
02942 NIINISALO	6151N	02228E	136		996.7	1012.3	9.3	.3	8.3		12	89	52	5		
02963 JOKIOINEN	6049N	02330E	103		999.9	1012.8	9.7	.3	8.4		12	82	47	6	204	81
02972 TURKU	6031N	02216E	59		1006.0	1013.3	9.5	-.3	8.3		11	87	52	6	228	85
02974 HELSINKI-VANTAA	6019N	02458E	56		1006.4	1013.5	10.0	.1	8.9		10	61	26	5	247	90
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		998.4	1008.4	8.4	.8	9.1		12	87	25	5	130	88
03026 STORNOWAY	5813N	00619W	13		1005.7	1007.5	9.5	.5	9.9		20	103	42	5	123	67
03066 KINLOSS	5739N	00334W	7		1007.8	1008.4	10.9	1.2	9.9		11	61	15	5	152	91
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		1001.3	1009.2	10.5	1.5	9.4		16	87	28	5	199	113
03100 TIREE	5630N	00653W	12		1007.2	1008.3	9.9	.3	10.3		21	86	27	5	175	82
03162 ESKDALEMUIR	5519N	00312W	242		981.9	1011.1	9.4	.7	10.0		21	128	33	4	139	87
03257 LEEMING	5418N	00132W	40		1008.3	1012.2	12.1	1.5	10.4		12	51	2	3	157	89

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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 _c	O _c	mb	mb		mm	mm		hr	
03302 VALLEY	5315N	00432W	11		1011.7	1012.9	11.5	.5	11.1		13	89	40	5	171	77
03334 MANCHESTER AIRPORT	5321N	00217W	68		1004.6	1013.0	12.2	.9	10.3		14	91	30	5	183	99
03377 WADDINGTON	5310N	00031W	68		1005.6	1013.8	12.6	1.8	10.6		12	50	0	4	169	85
03502 ABERPORTH	5208N	00434W	133		998.2	1014.3	10.9	.5	10.9		14	52	3	3	174	85
03740 LYNEHAM	5130N	00159W	145		998.0	1015.5	11.8	.9	10.3		11	45	-11	3	204	106
03797 MANSTON	5121N	00121E	55		1010.3	1016.2	12.6	1.1	11.2		14	55	17	5	191	88
03808 CAMBORNE	5013N	00519W	88		1006.1	1016.7	11.4		11.6		14	92		5	168	75
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1015.2	1016.4	11.8	.5	11.2		8	44	-11	3	215	102
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1003.0	1010.6	10.8	.6	10.9		23	107	47	5	123	67
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1010.1	1013.7	11.3	.2	11.0	.3	23	134	46	4	167	90
03955 CORK AIRPORT	5151N	00829W	162		994.2	1013.8	10.2	.2	10.4	.3	19	100	16	4	173	90
03957 ROSSLARE	5215N	00620W	25		1010.4	1013.5	11.3	.8	11.2	.6	15	112	57	5	203	95
03962 SHANNON AIRPORT	5242N	00855W	20		1008.8	1011.2	11.0	-2	10.0	-3	14	67	7	3	111	60
03967 CASEMENT AERODROME	5318N	00626W	93		1000.8	1012.0	11.2		11.0		21	100			152	80
03969 DUBLIN AIRPORT	5326N	00615W	85		1001.8	1012.0	10.9	.5	10.5	.6	18	97	42	5	167	85
03973 CONNAUGHT AIRPORT	5345N	00849W	209		985.9	1011.2	10.9		10.0		21	151			144	
03976 BELMULLET	5414N	01000W	10		1009.2	1010.4	11.0	.5	11.0	.7	21	125	57	5	163	85
03980 MALIN HEAD	5522N	00720W	25		1006.3	1009.4	10.4	.5	10.6	.8	20	105	46	5	158	80
ICELAND																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		1004.3	1010.3	6.4		6.8		7	38		0		
04030 REYKJAVIK	6408N	02156W	61		1002.9	1010.4	6.3	.0	6.7	-.6	6	40	-3	1	283	147
04063 AKUREYRI	6541N	01805W	27		1008.4	1011.8	5.2	-.3	6.7	-.2	3	21	2	1	215	124
04082 AKURNES	6418N	01513W	21		1008.1	1010.7	5.6		6.9		8	71		6		
GREENLAND																
04210 UPERNAVIK	7247N	05610W	122			1013.1										
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1013.0	.0	1.8	4.8		10	50	33			
04250 NUUK (GODTHAAB)	6410N	05145W	70			1013.1	1.9	1.3	5.1		3	16	-39			
04312 STATION NORD AWS	8136N	01641W	36			1015.5	-8.0	2.0	2.3							
04320 DANMARKSHAVN	7646N	01840W	12			1016.6	-6.4	.2	2.7		01	1	-4			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1016.9	-3.5		3.3			2	-11			
04360 TASIILAQ (AMASSALIK)	6536N	03738W	52			1014.0	1.8	1.2	5.5		8	77	14			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1010.2	2.4	.6	5.4		8	69	-108			
DENMARK & FAROE IS.																
06011 THORSHAVN	6201N	00646W	55			1008.4	7.1	.2	8.3		18	109	37			
06030 AALBORG	5706N	00951E	13			1013.8	11.5	.8	10.7		12	102				
06186 KOEBENHAVN/LANDBOHOEJTSKOLEN	5541N	01233E	7			1015.6	12.4		11.1		11	92				
06190 ROENNE	5504N	01445E	16			1016.8	11.6	.8	11.6		5	24				
NETHERLANDS																
06235 DE KOOY	5255N	00447E	14		1015.8	1015.9	12.7	1.4	11.7	.8	13	57	14	4	252	113
06260 DE BILT	5206N	00511E	15		1016.1	1016.4	13.2	.9	11.7	1.0	18	92	32	4	192	97
BELGIUM																
06447 UCCLLE	5048N	00421E	104		1002.8	1014.8	13.9	1.2	12.1	1.0	13	82	12	5	187	99

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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	
LUXEMBOURG																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		973.8	1018.3	13.7		10.9		9	96	15	4	223	108
SWITZERLAND																
06660 ZURICH (TOWN/VILLE).	4723N	00834E	569		952.6	1018.5	14.8	2.6	11.9	1.6	14	116	11	4	168	101
06680 SAENTIS	4715N	00921E	2500		754.2	3100 Z	2.6	3.1	5.8	1.0	16	250	15	4	172	112
06700 GENEVE-COINTRIN	4615N	00608E	416		970.3	1018.7	15.9	3.1	11.6	1.3	6	31	-41	1	214	119
06770 LUGANO	4600N	00858E	276		985.8	1017.9	18.6	3.9	12.7	1.0	9	131	-70	2	233	129
FRANCE																
07005 ABBEVILLE	5008N	00150E	77		1008.4	1017.6	12.8		11.7		12	57			194	95
07015 LILLE	5034N	00306E	52		1011.5	1017.2	13.7		11.4		12	57			155	75
07020 LA HAGUE	4943N	00156E	9		1015.9	1017.6	12.2		12.3		11	48				
07027 CAEN	4911N	00027W	78		1010.0	1018.1	13.0	1.3	11.6		12	77	19	4	193	95
07037 ROUEN	4923N	00111E	157		999.8	1018.1	12.9		11.6		11	74			178	95
07070 REIMS	4918N	00402E	99		1007.1	1018.0	14.3		12.3		11	75			192	85
07110 BREST	4827N	00425W	99		1007.0	1018.5	12.3	.8	11.9		15	88	13	4	163	77
07117 PLOUMANACH	4850N	00328W	71		1011.4	1018.3	12.4		12.0		14	66				
07130 RENNES	4804N	00144W	37		1013.4	1018.6	14.2		11.7		9	50			196	105
07139 ALENCON	4827N	00007E	144		1000.9	1018.2	13.4		11.5		8	57			199	100
07149 PARIS-ORLY	4844N	00224E	96		1007.3	1018.2	14.7		12.3		9	75				
07190 STRASBOURG	4833N	00738E	154		999.8	1017.9	16.2	2.5	13.1		13	65	-9	3	178	90
07207 LE TALUT	4718N	00313W	43		1014.6	1019.8	13.6		12.7		8	38				
07222 NANTES	4710N	00136W	27		1015.9	1019.0	14.4	.9	12.2		7	55	-9	3	192	91
07255 BOURGES	4704N	00222E	166		999.1	1018.9	14.9	1.7	12.7		11	83	3	4	200	101
07280 DIJON	4716N	00505E	227		991.7	1018.5	15.4	1.8	12.9		8	23	-63	0	200	98
07299 BALE-MILHOUSE	4736N	00731E	271		986.2	1018.2	15.6		13.3		11	116			180	90
07314 CHASSIRON	4602N	00125W	22		1017.0	1019.8	15.1		14.0		12	53				
07335 POITIERS	4635N	00019E	129		1004.8	1019.2	14.4		12.2		9	48			209	100
07434 LIMOGES	4552N	00111E	402		971.9	1019.3	13.7		12.0		12	97			183	85
07460 CLERMONT-FERRAND	4547N	00310E	332		979.9	1018.5	15.7		11.3		5	18			179	85
07471 LE BUY	4505N	00346E	833		923.3		12.5		8.5		5	42			202	105
07481 LYON/SATOLAS	4544N	00505E	248		990.2	1018.3	17.1		11.9		9	58			222	100
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1013.2	1019.7	16.0		12.7		8	40	-37	1	207	90
07535 GOURDON	4445N	00124E	264		988.4	1019.2	15.4		12.4		8	59			204	90
07560 MONT AIGOUAL	4407N	00335E	1567		845.4		7.9		8.6		10	85		6		
07591 EMBRUN	4434N	00630E	876		917.5		14.8		9.4		5	92			230	100
07607 MONT-DE-MARSAN	4355N	00030W	63		1012.9	1020.0	15.9		12.7		7	65			222	110
07630 TOULOUSE/BLAGNAC	4338N	00122E	153		1000.7	1019.4	16.5		12.3		6	21	-52	0	211	95
07643 MONTPELLIER	4335N	00358E	6		1017.1	1018.0	18.4		13.1		4	43			281	105
07661 CAP CEPET	4305N	00556E	136		1001.0	1017.0	18.3		13.6		3	18				
07690 NICE	4339N	00712E	10		1013.1	1016.4	19.1		14.6		5	30	-18	3	290	110
07747 PERPIGNAN	4244N	00252E	48		1012.7	1018.3	18.1		12.7		6	52	2	4	270	115
07761 AJACCIO	4155N	00848E	9		1015.4	1016.5	18.4		15.3		2	6	-34	1	307	105
07790 BASTIA	4233N	00929E	12		1015.2	1016.6	19.1		14.8		3	16			285	105
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1012.5	1020.6	15.3	1.2	12.5	-.2	7	37	-41	1	267	135

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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	
08015 OVIEDO	4321N	00552W	339		979.8	1019.6	14.4	1.6	12.1	.4	7	42	-58	1	216	144
08023 SANTANDER	4328N	00348W	59		1013.8	1020.9	14.8	.5	13.3	.8	9	47	-45	2	226	128
08027 SAN SEBASTIAN/IGUELDO	4318N	00203W	259		989.4	1020.0	14.7	1.2	12.7	.3	9	123	-5	4	237	142
08045 VIGO/PEINADOR	4213N	00838W	255		990.9	1021.3	15.8	2.0	12.5	.2	6	37	-100	1	316	144
08075 BURGOS/VILLAFRIA	4222N	00338W	891		917.8	1535 Y	13.3	2.2	10.5	.7	6	37	-28	1	281	124
08084 LOGRONO/AGONCILLO	4227N	00220W	363		976.8	1018.9	16.3	1.6	11.8	1.4	5	65	19	4	270	121
08141 VALLADOLID	4139N	00446W	739		933.9	1017.3	15.1	1.6	10.2	1.2	5	31	-15	2	325	120
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		987.8	1017.7	18.3	1.5	11.7	.8	5	69	31	5	312	113
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1017.8	1018.3	18.7	2.8	15.9	1.8	4	46	-10	3	266	108
08184 GERONA/COSTA BRAVA	4154N	00246E	129		1002.7	1017.8	18.4	2.8	13.5	.3	7	43	-44	2	197	99
08202 SALAMANCA/MATACAN	4057N	00530W	795		928.6	1018.5	15.1	1.7	9.6	-.6	4	20	-20	1	322	117
08221 MADRID/BARAJAS	4027N	00333W	582		950.3	1016.2	17.3	1.8	9.8	-.6	5	9	-29	1	338	126
08238 TORTOSA	4049N	00030E	50		1011.1	1016.9	20.0	1.7	14.6	1.1	7	119	57	5	293	117
08261 CACERES	3928N	00620W	405		972.2	1018.5	19.3	2.2	10.8	.2	2	7	-32	1	350	120
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		937.7	1016.9	17.0	1.8	10.9	.9	5	34	-6	3	303	112
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1010.0	1017.3	19.3	1.4	14.5	1.1	6	96	62	6	308	120
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1017.5	1018.1	18.5	2.1	17.0	2.7	4	33	4	4	302	107
08314 MENORCA/MAHON	3952N	00414E	82		1007.7	1017.7	18.3	1.5	14.7	.4	3	37	0	4	286	107
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		995.5	1016.8	20.6	2.7	11.8	-.8	1	3	-27	1	355	121
08348 CIUDAD REAL	3859N	00355W	629		945.5	1016.2	19.6	3.6	10.6	-1.0	4	18	-19	2	303	106
08359 ALICANTE	3822N	00030W	82		1008.2	1017.8	19.5	.9	15.4	1.2	3	35	3	4	312	109
08373 IBIZA/ES CODOLA	3852N	00123E	12		1016.0	1018.1	19.2	1.3	15.9	.4	3	50	27	5	317	112
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1012.2	1015.8	23.2		13.0		1	1		1	333	110
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1006.4	1017.0	21.7	2.4	13.7	.6	1	3	-26	1	331	121
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1017.2	1017.5	18.7	1.3	19.6	4.2	2	25	0	4	325	129
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1014.0	1017.2	21.2	2.8	13.8	-.2	1	5	-32	2	333	113
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1016.7	1017.5	19.8	1.0	15.7	2.3	1	3	-20	1	339	116
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1014.0	1016.5	20.7	1.9	14.0	-1.0	1	3	-8	2	303	101
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5		1016.9	1017.5	19.6					2		0	321	105
PORTUGAL																
08506 HORTA (ACORES)	3831N	02838W	62		1017.0	1024.3	16.9	.5	15.9	.8	5	19	-37	1	199	109
08513 PONTA DELGADA/(OBS.)	3745N	02540W	36		1021.9	1022.0	18.4	1.9	16.3	.8	1	2	-51	0		
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1013.0	1025.1	17.4	.7	15.8	1.2	2	2	-28	0		
08535 LISBOA/GEOP	3843N	00909W	95		1007.1	1018.3	19.4	2.0	14.3	1.0	1	2	-37	1	361	124
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1007.8	1019.6	16.8	1.7	12.8	-.6	2	12	-77	1	335	130
08558 EVORA/C. COORD	3832N	00754W	246		989.2	1018.1	19.1		11.9		2	11				
08575 BRAGANCA	4148N	00644W	692		939.7	1019.5	15.8	2.4	10.4	.4	1	3	-50	0		
GERMANY																
10035 SCHLESWIG	5432N	00933E	48		1009.9	1015.7	12.2	1.2	10.9	.8	14	94	33	5	206	92
10055 WESTERMARKELSDORF	5432N	01104E	9		1015.0	1016.0	12.5		11.8		10	53			259	105
10091 ARKONA	5441N	01326E	42		1011.3	1016.4	12.1		10.6		10	54			291	110
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	15		1014.4	1016.2	13.3	1.1	11.1	.8	13	75	18	4	216	100
10162 SCHWERIN	5339N	01123E	68		1008.1	1016.3	13.7		10.8		11	51		3	257	110
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1014.6	1016.1	13.4	2.1	11.4	1.0	9	47	0	3	250	102
10184 GREIFSWALD	5406N	01324E	6		1015.8	1016.5	13.9		11.7		9	66		5	251	100

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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	
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1015.4	1016.0	12.7		11.6		15	99			205	95
10261 SEEHAUSEN	5254N	01144E	23		1013.6	1016.4	14.6		10.3		4	14			233	105
10270 NEURUPPIN	5254N	01249E	39		1011.4	1016.9	15.0		11.4		6	32		2	263	115
10291 ANGERMUENDE	5302N	01400E	35		1010.2	1016.8	14.7		11.2		6	24			276	115
10338 HANNOVER	5228N	00941E	59		1009.8	1017.0	14.1	1.5	11.4	.8	8	29	-33	1	210	93
10361 MAGDEBURG	5208N	01136E	85		1007.0	1017.1	14.9		11.2		7	33		2	222	100
10379 POTSDAM	5223N	01304E	100		1005.3	1017.2	15.3	2.1	11.2	.9	7	35	-21	2	236	104
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1011.1	1016.9	15.8		11.0		6	33			245	105
10393 LINDENBERG	5213N	01407E	104		1004.9	1017.3	15.7	2.6	10.8	.6	4	14	-45	1	254	113
10410 ESSEN	5124N	00658E	161		997.7	1016.9	13.8	.9	11.4	1.0	14	75	2	4	190	99
10453 BROCKEN	5148N	01037E	1153		885.5	1456 Y	7.8		8.6		14	63			159	90
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		1001.1	1017.2	15.2		11.0		8	23		1	223	110
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		990.2	1017.5	15.5		11.2		7	43			228	110
10499 GOERLITZ	5110N	01457E	240		989.0	1017.1	15.2	2.6	11.1	.6	6	33	-33	1	243	114
10548 MEININGEN	5034N	01023E	453		964.4	1017.5	13.3		11.2		14	83		5	167	80
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		979.1	1017.1	14.0		11.5		10	76			199	95
10567 GERA-LEUMNITZ	5053N	01208E	311		980.2	1016.9	14.2		11.1		11	39			211	105
10578 FICHTELBERG	5026N	01257E	1215		880.8	1509 Y	9.1	2.8	9.3	1.5	11	70	-31	1	190	108
10609 TRIER-PETRISBERG	4945N	00640E	273		985.3	1017.5	14.3	1.7	12.1	1.8	11	83	15	4	205	101
10628 GEISENHEIM	4959N	00757E	123		1003.2	1017.8	15.7	1.8	11.8	1.4	12	80	29	5	201	98
10727 KARLSRUHE	4902N	00822E	145		1000.8	1017.9	16.2	1.9	14.2	3.1	14	68	-11	3	208	100
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		972.1	1017.8	14.7		11.5		11	45		1	173	90
10763 NUERNBERG	4930N	01103E	318		980.7	1018.0	15.3	2.1	11.6	1.5	10	38	-26	2	182	85
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		982.2	1017.4	15.4	3.2	12.5	2.6	13	68	-20	0	220	108
10929 KONSTANZ	4741N	00911E	447		966.1	1018.1	15.3	2.2	13.2	2.6	11	60	-25	2	186	94
10946 KEMPTEN	4743N	01020E	705		936.7	1017.8	13.4		11.6		15	107			181	95
10961 ZUGSPITZE	4725N	01059E	2962		711.7	3096 Z	-2	2.9	5.0	.6	17	149	-23	3	200	122
10962 HOHENPEIßENBERG	4748N	01101E	986		906.0	1518 Y	12.7	3.1	10.5	1.6	18	82	-49	2	190	102
AUSTRIA																
11028 ST. POELTEN	4811N	01537E	284		984.2	1017.3	16.8		13.5	2.8	8	58	-15	2	262	119
11035 WIEN/HOHE WART	4814N	01621E	209		992.7	1017.1	17.8		14.2	3.0	10	112	51	5	286	129
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		948.9	1017.1	15.5		12.5		14	75		3	234	120
11146 SONNBLICK	4703N	01257E	3111		701.0	3121 Z	-7		4.8	.4	16	162	-55	4	197	137
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		965.8	1018.1	15.8		12.1	1.8	10	144	15	4	222	115
11155 FEUERKOGEL	4749N	01344E	1621		839.4	1516 Y	9.3		9.1		17	146		3	202	110
11212 VILLACHERALPE	4636N	01340E	2160		788.0	1531 Y	6.1		7.3		8	64		1	254	145
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		963.1	1018.2	16.1		12.2	1.9	7	109	22	4	283	130
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		974.9	1016.9	17.8		12.4	1.0	6	40	-44	1	283	136
CZECH REPUBLIC																
11423 PRIMDA	4940N	01240E	748		931.7		13.2		11.3		12	56		3	228	110
11464 MILESOVKA	5033N	01356E	836		921.6		12.5		10.6		10	46		2	237	110
11487 KOCELOVICE	4928N	01350E	522		957.1	1017.7	14.6		11.2		10	55		3	241	105
11518 PRAHA/RUZYNE	5006N	01415E	380		975.0	1017.7	15.0	2.5	11.7	1.4	10	71	-6	3	251	117
11520 PRAHA-LIBUS	5000N	01427E	303		982.2	1017.8	15.7		11.8		11	54		2	264	115
11603 LIBEREC	5046N	01501E	399		970.7	1017.7	14.5		11.4		9	68			253	
11659 PRIBYSLAV	4935N	01546E	536		955.8	1018.0	14.7		12.1		13	103		4	243	120
11723 BRNO/TURANY	4910N	01642E	246		988.7	1017.6	16.8	2.9	12.8	2.1	11	93	33	5	295	135

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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		987.2	1017.8	16.1	2.9	13.5	2.6	8	55	-36	1	246	122
SLOVAKIA																
11903 SLIAC	4839N	01909E	315		980.4	1017.1	16.7	3.1	11.8	.9	8	82	19	5	272	134
11934 POPRAD/TATRY	4904N	02015E	695		937.4		14.4	3.4	10.3	.8	8	80	7	3	272	140
POLAND																
12120 LEBA	5445N	01732E	2		1016.4	1017.1	12.4		10.7		5	25		1	302	
12160 ELBLAG	5410N	01926E	43		1012.3	1017.5	14.0		11.5		5	41		2	221	90
12205 SZCZECIN	5324N	01437E	3		1016.2	1017.0	14.9	2.0	11.1	.4	7	25	-27	1	282	125
12295 BIALYSTOK	5306N	02310E	151		999.6	1017.7	14.4	1.5	11.1	.3	9	93	37	5	248	115
12330 POZNAN	5225N	01650E	92		1007.0	1017.5	15.8	2.5	11.2	.8	5	17	-36	0	280	128
12375 WARSZAWA-OKECIE	5210N	02058E	107		1005.0	1017.7	15.7	2.2	12.3	1.3	7	45	-13	2	327	150
12424 WROCLAW II	5106N	01653E	121		1003.1	1018.0	15.7	2.6	12.2	1.1	12	106	42	5	261	132
12497 WLODAWA	5133N	02332E	179		996.2	1017.6	15.7		12.3		9	67	4	4	284	125
12566 KRAKOW	5005N	01948E	237		989.7	1017.9	16.5	3.4	12.8	1.7	8	125	42	5	242	133
HUNGARY																
12843 BUDAPEST/LORINC	4726N	01911E	139		1000.2	1016.6	20.1	4.2	12.3	.7	6	37	-18	2	299	130
12882 DEBRECEN	4729N	02136E	109		1003.5	1016.2	19.7	3.9	13.2	.9	7	57	-2	4	290	121
12942 PECS/POGANY	4606N	01814E	203		993.2	1017.0	19.7	4.2	11.3	-.5	5	32	-31	2	259	109
12982 SZEGED	4615N	02006E	83		1006.6	1016.3	20.0	3.8	13.4	1.1	4	22	-29	1	291	124
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		754.0	3115 Z	3.4		5.7		12	102		1	195	120
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		983.0	1017.6	18.3		12.1		4	66		1	283	135
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		997.4	1016.3	20.2		12.5		4	26		1	273	130
14445 SPLIT/MARJAN	4331N	01626E	128		1000.6	1015.4	22.7		12.9		1	8		1	311	115
BOSNIA AND HERZGOVINA																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		944.4	1017.1	17.2	3.1	11.0	.9	11	49	-32	1	202	106
YUGOSLAVIA																
13274 BEOGRAD	4448N	02028E	132		1001.0	1016.3	21.5	4.3	13.9	1.8	7	40	-30	1	276	122
13463 PODGORICA-GRAD	4226N	01917E	50		1010.0	1015.8	23.7		14.1		3	16		0	314	125
ROMANIA																
15085 BISTRITA	4708N	02430E	367		973.7	1016.2	19.2	4.9	12.2	.6	5	17	-59	1	322	143
15090 IASI	4710N	02738E	104		1004.5	1016.6	20.7	4.6	11.6	-.8	4	40	-23	2	341	146
15120 CLUJ-NAPOCA	4647N	02334E	413		969.0	1016.6	18.5	4.3	12.1	.3	7	35	-34	1	292	127
15247 TIMISOARA	4546N	02115E	88		1005.7	1015.7	20.2	3.9	13.5	.6	6	51	-14	3	312	129
15260 SIBIU	4548N	02409E	444		965.0	1016.3	18.4	4.2	12.3	.3	6	50	-28	2	282	138
15360 SULINA	4509N	02940E	9		1016.1	1016.8	18.0	2.3	15.9	1.1	00	0	-26	0	339	133
15420 BUCURESTI/IMH	4430N	02608E	91		1005.2	1015.6	19.5	2.8	12.4	-.5	2	14	-56	1	316	128
15480 CONSTANTA	4413N	02838E	14		1016.5	1018.0	17.9	2.4	15.7	1.6	1	5	-33	1	317	120
ITALY																

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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	%
16045 UDINE/RIVOLTO	4559N	01302E	53		1010.7	1017.0	19.8		12.9		5	34	-91	1	170	91
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1008.4	1016.4	20.5		15.3		4	29	-56	1	282	140
16158 PISA/S. GIUSTO	4341N	01023E	6		1016.4	1017.2	18.5		14.4		1	8	-52	1	246	102
16325 MARINA DI GINOSA	4026N	01653E	12		1012.8	1014.2	20.3		17.4		3	20	-6	3		
16420 MESSINA	3812N	01533E	51		1009.8	1016.2	21.5		19.7		4	16	-15	2	270	105
16429 TRAPANI/BIRGI	3755N	01230E	14		1015.6	1016.7	19.9		15.9		3	9	-7	2	291	103
MALTA																
16597 LUQA	3551N	01429E	91		1007.8	1016.4	20.4	1.3	17.1	1.4	2	27	21	5	314	105
GREECE																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1015.6	1016.1	21.9	2.4	15.7	1.3	9	67	23	5	280	111
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1013.6	1014.1	22.5	2.9	16.5	1.0	3	6	-30	1	330	120
16648 LARISSA (AIRPORT)	3938N	02225E	74		1006.4	1015.1	21.7	2.1	15.2	1.6	7	46	9	4	298	112
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1012.5	1014.2	22.6	2.0	14.5	.1	3	12	-2	3	318	109
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1012.6	1013.9	21.1	1.3	15.3	.1	3	24	2	3	304	106
16746 SOUDA (AIRPORT)	3529N	02407E	151		996.1	1013.7	21.3	1.3	14.6	1.0	4	24	11	5	331	109
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1009.0	1013.3	20.9	.6	15.8	1.4	2	6	-9	3	322	107
TURKEY																
17022 ZONGULDAK	4127N	03148E	137			1016.3	15.4	.0	13.6	1.2	4	15	-39	0	272	115
17030 SAMSUN	4117N	03618E	4		1016.4	1016.9	16.2	.7	14.9	.7	4	55	7	4	286	155
17034 GIRESUN	4055N	03823E	37		1011.4	1015.9	16.4	1.0	14.6	.6	3	73	7	4		
17040 RIZE	4102N	04031E	9		1014.1	1015.1	17.4	1.6	14.7	.6	5	31	-71	1	243	125
17050 EDIRNE	4140N	02634E	51		1010.0	1016.0	20.2	2.3	13.2	.1	6	80	32	5	312	115
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1011.6	1015.5	18.1	1.6	14.8	1.0	2	4	-27	1	327	125
17074 KASTAMONU	4122N	03347E	800		924.5	1014.9	16.0	2.2	10.1	-2	10	67	-1	3	283	120
17084 CORUM	4033N	03457E	776		926.8	1014.3	17.4	2.8	10.2	.0	9	57	-4	5	301	140
17090 SIVAS	3945N	03701E	1285		872.1	1012.5	15.5	2.1	9.0	.1	6	48	-11	3	299	115
17092 ERZINCAN	3945N	03930E	1218		878.9	1011.8	17.4	2.2	11.1	1.7	5	21	-35	1	235	95
17096 ERZURUM	3957N	04110E	1758		824.3	1012.8	11.6	1.1	6.8	-1.2	9	28	-39	5	251	100
17098 KARS	4037N	04306E	1775		823.0	1013.4	11.2	1.2	8.6	.2	13	66	-10	2	242	110
17112 CANAKKALE	4008N	02624E	6		1014.9	1015.6	18.5	1.1	14.5	-3	2	15	-16	2	340	115
17116 BURSA	4011N	02904E	100		1003.0	1014.8	18.8	1.5	14.5	1.0	4	46	1	3	274	110
17130 ANKARA/CENTRAL	3957N	03253E	891		913.6	1012.4	19.0	3.5	11.3	1.4	6	18	-36	1	293	105
17170 VAN	3827N	04319E	1662		832.7	1010.8	14.5	1.8	10.8	2.6	3	6	-43	0	309	110
17188 USAK	3841N	02924E	919		910.2	1012.2	18.1	2.6	10.7	-2	8	48	6	4		
17190 AFYON	3845N	03032E	1034		899.0	1013.4	17.2	2.6	11.0	1.3	11	59	12	5	259	95
17199 MALATYA/BOLGE	3821N	03819E	948		907.3	1011.5	20.3		10.5		2	7		1	305	105
17210 SIIRT	3755N	04157E	896		911.3	1009.6	21.5	2.4	11.2	.6		3	-56	1	284	95
17220 IZMIR/GUZELYALT	3826N	02710E	29		1008.9	1012.3	22.4	1.8	17.0	2.7	3	10	-13	2	321	105
17240 ISPARTA	3745N	03033E	997		902.6	1013.2	17.1	1.8	11.9	2.3	12	90	43	5	274	100
17244 KONYA	3758N	03233E	1031		898.2	1012.0	17.2	1.5	8.9	-9	6	31	-18	2	285	100
17250 NIGDE	3758N	03441E	1210		880.0	1012.1	17.4	2.8	9.4	.3	7	41	-11	3	305	110
17255 KAHRAMANMARAS	3736N	03656E	572		946.9	1010.8	22.4	2.5	13.6	1.6	2	30	-8	3	258	95
17270 SANLIURFA	3708N	03846E	549		949.4	1010.2	24.2	2.4	12.5	1.4	3	11	-19	3	293	90
17280 DIYARBAKIR	3753N	04012E	677		935.4	1010.7	20.4	1.0	10.3	-2.1	3	5	-35	1	324	105
17285 HAKKARI	3734N	04346E	1728		826.4	1008.5	16.4	2.3	9.1	.9	6	54	-8	3	307	110
17292 MUGLA	3713N	02822E	646		939.2	1011.6	20.4	3.0	12.6	1.4	5	45	1	4	248	85

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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 _c	O _c	mb	mb		mm	mm		hr	
17300 ANTALYA	3642N	03044E	54		1003.8	1009.7	23.1	2.8	16.1	.2	6	84	57	5	318	100
17340 MERSIN	3648N	03438E	3		1010.7	1011.0	23.9	3.1	19.1	.2	1	2	-20	2	283	105
17351 ADANA/BOLGE	3659N	03521E	27		1008.1	1011.2	24.5		16.2		1	15		2	298	100
CYPRUS																
17609 LARNACA AIRPORT	3453N	03338E	2		1010.6	1011.0	24.1	3.7	15.0		1	5	-4		364	110
RUSSIAN FEDERATION (EUROPE)																
22113 MURMANSK	6858N	03303E	51		1005.7	1012.0	5.6	2.0	6.2	.5	10	63	33	5	175	91
22165 KANIN NOS	6839N	04318E	49		1005.5	1011.7	.8	1.7	5.8	.8	6	37	16	5	109	64
22550 ARHANGEL'SK	6430N	04044E	8		1012.3	1013.3	9.8	3.3	7.8	1.2	9	54	14	5	248	95
22602 REBOLY	6350N	03049E	182		990.5	1012.4	9.0	2.2	6.5	-1.1	15	73	29	5	231	90
22837 VYTEGRA	6101N	03627E	56		1008.0	1014.8	11.9	2.7	8.9	1.0	8	45	-2	3	262	103
ESTONIA																
26038 TALLINN	5923N	02435E	34		1010.1	1014.6	10.2	.5	9.0	.6	12	69	32	5	242	87
RUSSIAN FEDERATION (EUROPE)																
26063 ST. PETERBURG	5958N	03018E	6		1013.9	1014.6	12.1	1.3	9.7	1.4	15	127	90		244	94
ESTONIA																
26214 VILSANDI	5823N	02149E	6		1014.4	1015.4	9.2	.5	9.7	.8	7	51	19	3	284	98
26242 TARTU	5818N	02644E	68		1007.4	1015.8	12.1	1.1	9.6	.7	12	117	64	6	233	90
RUSSIAN FEDERATION (EUROPE)																
26477 VELIKIE LUKI	5621N	03037E	106		1003.1	1015.5	14.4	2.2	11.3	1.3	13	126	69		235	89
LITHUANIA																
26509 KLAJPEDA	5544N	02104E	7		1016.2	1017.1	11.3	.7	10.4	.8	7	34	-5	3	287	109
26524 SIAULIAI	5556N	02319E	107		1003.9	1016.8	13.0	1.2	10.3	.8	10	68	21	4	247	94
26629 KAUNAS	5453N	02350E	77		1008.1	1017.4	13.6	1.2	11.0	.8	10	45	-10		227	90
26730 VILNIUS	5438N	02506E	156		998.5	1017.2	13.6	1.1	10.7	1.0	11	74	12		225	93
BELARUS																
26850 MINSK	5356N	02738E	231		990.7	1017.1	15.3	2.4	11.3	1.5	10	86	24	4	263	104
RUSSIAN FEDERATION (EUROPE)																
27037 VOLOGDA	5919N	03955E	130		1000.3	1015.9	12.3	1.8	8.4	-1.1	7	28	-17	2	293	109
27199 KIROV	5836N	04938E	158		996.8	1015.8	12.6		8.5		9	45		3	288	105
27595 KAZAN'	5536N	04917E	116		1001.9	1016.1	14.1	.8	9.1	.5		22	-14		298	106
27612 MOSKVA	5550N	03737E	156		998.1	1016.6	15.5	2.4	11.0	1.5	9	41	-9			
UKRAINE																
33345 KYIV	5024N	03034E	167		998.2	1017.8	19.4	4.3	12.0	1.1	7	49	-4	3		
33393 L'VIV	4949N	02357E	323		979.5	1017.2	16.9	3.7	12.9	2.0	11	104	27	5	272	120
33506 POLTAVA	4936N	03433E	160		998.9	1017.6	19.7	4.3	10.6	.2	5	16	-35	1		
33562 VINNYTSIA	4914N	02836E	298		982.6	1017.1	18.5	4.4	11.9	1.3	4	30	-32	1	320	129
33587 UMAN'	4846N	03014E	216		992.4	1017.6	19.3	4.8			3	19	-36	1		
33631 UZHGOROD	4838N	02216E	124		1002.9	1016.6	19.4	3.8	13.4	2.0	8	32	-38	1	285	116

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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	
33658 CHERNIIVTSI	4822N	02554E	246		988.2	1016.9	18.7	4.4	12.5	1.3	7	17	-60	1	276	126
REPUBLIC OF MOLDOVA																
33815 KISINEV	4701N	02859E	173		995.8	1016.8	20.6	4.5	11.5	.5	2	4	-47	1	370	146
UKRAINE																
33837 ODESA	4626N	03046E	42		1012.5	1017.6	18.4	3.3	12.4	.0	2	4	-35	1	367	138
33846 MIKOLAIV	4702N	03157E	50		1011.4	1017.2	19.6	3.1	10.8	-5.4	4	48	5	3		
33889 IZMAIL	4522N	02851E	30		1013.3	1016.8	19.6	3.4	12.1	.1	2	5	-42	1	348	130
33910 HENICHES'K	4610N	03449E	15		1015.1	1016.8	18.9	2.9	13.8	.7	0	T	-34	0	359	133
33915 ASKANIIA-NOVA	4627N	03353E	30		1013.5	1017.0	19.4	3.8	10.5	-1.1	01	1	-37	1	365	136
33946 SIMFEROPOL'	4441N	03408E	181		995.2	1016.4	17.5	2.3	12.3	.8	2	10	-34	1	343	122
33983 KERCH	4524N	03625E	49		1011.0	1016.5	17.6	2.2	13.2	.4	0	0	-35	0	357	130
33990 YALTA	4529N	03410E	72		1008.3	1016.8	18.2	2.6	13.4	1.0	2	4	-31	0	282	119
RUSSIAN FEDERATION (EUROPE)																
34123 VORONEZ	5142N	03913E	149		1000.3	1018.0	16.8		10.4		5	19		2		
34172 SARATOV	5134N	04602E	156		992.9	1016.6	15.6	.2	8.9	-.2	4	16	-26	1	337	121
UKRAINE																
34300 KHARKIV	4958N	03608E	155		999.7	1017.9	18.8	3.2	10.7	.5	3	12	-35	1	315	132
KAZAKHSTAN																
34398 ZHALPAKTAL	4940N	04929E	10		1013.9	1015.1	17.3	.4	10.4	.7	3	10	-7	0	284	92
UKRAINE																
34519 DONETS'K	4804N	03746E	225		991.2	1017.6	19.1	3.6	9.7		1	2	-50	0		
RUSSIAN FEDERATION (EUROPE)																
34880 ASTRAHAN'	4617N	04803E	-23		1018.3	1015.9	19.1	.9	12.1	.8	5	17	-5	4		
ARMENIA																
37789 YEREVAN	4008N	04428E	907		890.1	1504 Y	17.9	.4	10.9	.2	8	23	-19	1	296	122
UZBEKISTAN																
38178 AK-BAJTAL	4309N	06420E	234		987.1	1014.2	19.2	-2.0	11.9	3.0	6	40	28	5		
SYRIAN ARAB REPUBLIC																
40001 KAMISHLI	3703N	04113E	455		959.7	1010.7	24.4	2.2	12.0	.9						
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		965.7	1009.0	23.3	2.2	18.9	7.3	1	5	-14			
40022 LATTAKIA	3532N	03546E	7		1009.6	1010.4	23.5	2.8	17.4	-.1	1	9	-13		348	117
40030 HAMA	3507N	03645E	303		975.8	1010.4	23.9	2.8	11.4	.5						
40045 DEIR EZZOR	3519N	04009E	212		980.6	1009.9	27.0	2.5	9.8	.0						
40061 PALMYRA	3433N	03818E	404		963.8	1009.0	25.5	2.4	8.8	-.8					347	109
LEBANON																
40103 TRIPOLI	3427N	03548E	5		1010.7	1011.4	22.6		20.8		2	5		1		
ISRAEL																

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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	
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1005.6	1010.2	25.3		15.1		0	0		3		
40199 EILAT	2933N	03457E	12		1009.0	1009.3	30.7	2.5	11.3		0	T	-1	4	297	90
JORDAN																
ASIA																
RUSSIAN FEDERATION (IN ASIA)																
20069 OSTROV VIZE	7930N	07659E	10		1008.6	1009.9	-8.1	2.5	3.2	.6	1	13	3	4	221	126
20292 GMO IM.E.K. FEDOROVA	7743N	10418E	15		1008.8	1010.8	-8.7	2.6	2.9	.5	6	18	4	6	176	81
20674 OSTROV DIKSON	7330N	08024E	47		1006.0	1011.7	-5.6	3.5			10	35	16	5	135	72
20891 HATANGA	7159N	10228E	33		1007.7	1011.9	-4.0	3.7	3.5	.6	3	12	-4	2		
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1009.8	1010.8	-6.5	3.1	3.5	.7	2	4	-9		167	85
21946 CHOKURDAH	7037N	14753E	61		1004.1	1011.9	-4.9	.8	3.4	-1.1	4	16	4		294	112
23205 NAR'JAN-MAR	6738N	05302E	12		1011.8	1013.3	3.4	3.9	5.5	.6	9	44	13	5	283	151
23330 SALEHARD	6632N	06640E	16		1012.6	1014.8	1.9	3.7	5.6	1.2	7	36	4		245	105
23472 TURUHANSK	6547N	08756E	38		1010.6	1015.3	2.1	2.0	4.8	.7	13	65	33	5	255	102
23552 TARKO-SALE	6455N	07749E	27		1011.8	1015.2	3.6	4.8	5.9	1.6	8	29	-7	0	239	107
23724 NJAKSIMVOL'	6226N	06052E	51		1008.5	1014.8	9.3	3.4	7.0	1.0	9	53	5		280	109
23804 SYKTYVKAR	6143N	05050E	119		1000.7	1015.0	10.8	2.9	8.6	1.7	9	50	9	4	271	107
23884 BOR	6136N	09001E	58		1008.5	1015.6	7.2	2.8	6.2	1.0	4	22	-26	1	301	134
23933 HANTY-MANSIJSK	6101N	06902E	46		1010.0	1015.7	10.4	4.1	7.7	1.4	9	65	24		293	117
24125 OLENEK	6830N	11226E	220		985.3	1013.3	-2.0	-1.1	3.1	-1.5	5	17	-5		251	88
24143 DZARDZAN	6844N	12400E	39		1006.8	1011.7	-1.4	.0	3.6	-1.4	11	28	10			
24266 VERHOJANSK	6733N	13323E	137		993.4	1010.6	1.6	-1.2	4.1	-3.3	5	5	-6		283	92
24507 TURA	6416N	10014E	168		962.1	1015.2	3.1	.3	4.3	-2.2	5	24	-5	2		
24641 VILJUJSK	6346N	12137E	111		997.7	1011.5	3.4	-1.7	3.9	-1.9	5	29	9		296	102
24688 OJMJAKON	6315N	14309E	741		920.3	1008.8	.7	-1.2	3.6	-6.6	2	9	-2		316	112
24738 SUNTAR	6209N	11739E	133		995.1	1012.5	4.4	-1.5	4.7	-2.2	7	23	4		296	110
24817 ERBOGACEN	6116N	10801E	291		971.5	1015.4	3.9	-1.8	3.9	-1.9	2	6	-25		267	104
24959 JAKUTSK	6201N	12943E	101		996.6	1009.0	5.0	-1.7	4.3	-1.7	6	23	5		284	94
25173 MYS SHMIDTA	6854N	17922W	4		1013.2	1013.7	-3.1	3.3	4.3	.7	6	16	1			
25325 UST'-OLOJ	6633N	15925E	127		993.6	1009.4	3.4	1.8	4.5	.3	4	13	0		284	
25399 MYS UELEN	6610N	16950W	3		1013.3	1013.6	-1.7	2.4	4.7	.5	3	9	-12			
25400 ZYRJANKA	6544N	15054E	43		1004.7	1010.1	2.4	-1.8	4.9	.3	4	27	16		238	71
25563 ANADYR'	6447N	17734E	61		1004.0	1011.7	.1	2.8	5.1	.6	3	14	3	4	165	67
25703 SEJMCHAN	6255N	15225E	205		983.3	1009.1	3.1	-1.1	5.1	.3	6	13	-2	3	218	80
25954 KORF	6021N	16600E	4		1010.1	1010.5	1.8	.4	5.8	.3	7	31	8	4	145	67
28224 PERM'	5801N	05618E	171		994.6	1015.0	12.1		10.0		11	53			252	95
28275 TOBOL'SK	5809N	06815E	50		1009.1	1014.9	13.3	3.9	9.0	1.7	8	45	1	3	299	113
28440 EKATERINBURG	5650N	06038E	283		981.0	1014.4	12.6	1.7	9.4	2.2	10	60	17	4		
KAZAKHSTAN																
28679 PETROPAVLOVSK	5450N	06909E	142		997.8	1014.7	15.2	3.2	10.3	2.7	4	34	2	4	247	86
RUSSIAN FEDERATION (IN ASIA)																
28698 OMSK	5501N	07323E	122		1000.8	1015.3	15.4	3.6	9.3	2.2	5	16	-17		338	119

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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 _c	O _c	mb	mb		mm	mm		hr	
KAZAKHSTAN																
28952 KUSTANAI	5313N	06337E	156		995.5	1013.5	14.9	1.3	11.5	3.5	12	81	55		253	85
RUSSIAN FEDERATION (IN ASIA)																
29231 KOLPASEVO	5819N	08257E	75		1007.0	1016.2	11.5	4.4	7.8	1.3	4	31	-22		355	143
29263 ENISEJSK	5827N	09209E	79		1006.9	1016.5	10.1	2.8	5.8	-3	2	15	-28	1	360	149
29282 BOGUCANY	5823N	09727E	133		999.7	1015.9	8.6	1.4	5.4	-4	5	18	-15	2	324	133
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		983.6	1016.7	11.4		7.0		6	24		1		
KAZAKHSTAN																
29807 IRTYSHSK	5321N	07527E	94		1004.3	1015.4	16.0	3.1	9.9	2.4	9	37	11			
RUSSIAN FEDERATION (IN ASIA)																
29838 BARNAUL	5326N	08331E	184		994.2	1016.2	14.4	2.6	8.9	1.5	5	25	-14		304	112
29866 MINUSINSK	5342N	09142E	254		986.0	1016.4	12.0	1.0	8.1	.9	7	35	0	3	281	141
30230 KIRENSK	5746N	10804E	259		983.6	1015.1	6.7	.1	5.0	-6	5	16	-17		286	113
30309 BRATSK	5617N	10145E	416		966.3	1016.1	8.1	1.5	5.8	.1	7	24	-6		247	99
30554 BAGDARIN	5428N	11335E	903		908.1	1013.6	4.9	-1	3.9	-6	1	3	-20	1		
30635 UST'-BARGUZIN	5325N	10901E	461		960.6	1016.1	5.2	.3	5.9	.5	1	3	-17	1		
30673 MOGOCA	5345N	11944E	625		937.0	1010.8	6.0	-1.1	5.1	-1	01	1	-30	0	240	95
30710 IRKUTSK	5216N	10419E	469		959.9	1015.3	10.3	1.0	5.7	-5	4	12	-20		269	101
30758 CHITA	5205N	11329E	671		933.8	1012.3	8.9	.3	4.2	-6	1	3	-20	0	231	83
31004 ALDAN	5837N	12522E	79			1011.9	2.5	-2.0	4.3	-6	10	50	-6		216	87
31088 OHOTSK	5922N	14312E	6		1008.3	1009.0	2.6	1.2	6.1	.5	5	46	-3	3	188	96
31168 AJAN	5627N	13809E	8		1008.7	1009.8	3.2	1.6	5.6	.1	6	98	22		178	105
31253 BOMNAK	5443N	12856E	357		965.0	1009.2	6.9	-1.4	5.5	-4	7	60	9		223	95
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1001.2	1009.5	4.6	-5	6.6	.1	8	23	-26			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1000.3	1008.9	7.7	-3	9.2	2.8	6	39	0		165	67
31510 BLAGOVESCHENSK	5015N	12734E	132		992.7	1008.4	12.0	.0	6.0	-1.3	4	28	-19			
31735 HABAROVSK	4831N	13510E	76		999.2	1010.0	13.0	1.2	7.2	-9	6	51	-8		230	95
31960 VLADIVOSTOK	4307N	13154E	183		991.2	1013.9	10.0	.4	9.2	.4	7	16	-44		136	68
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1010.0	1012.9	8.1	1.2	8.0	.4	4	16	-53	1	186	94
32411 ICA	5535N	15535E	6			1009.7	2.4	.1			7	75	28	5	128	84
32583 PETROPAVLOVSK- KAMCATSKIJ	5259N	15839E	24		1008.0	1011.0	4.6		6.1		8	50		2		
32618 NIKOL'SKOE	5512N	16559E	18		1009.6	1011.9	2.8	.6	6.5	.2	7	38	-2	3	149	135
KAZAKHSTAN																
35078 ATBASAR	5149N	06822E	304		978.3	1013.9	15.2	2.5	10.0	2.3	6	26	-5	3	252	86
35108 URALSK	5115N	05117E	37		1010.6	1015.0	15.7	-4	10.6	1.7	8	25	4	4	313	100
RUSSIAN FEDERATION (IN ASIA)																
35121 ORENBURG	5141N	05506E	117		1000.1	1014.0	15.0	-5	11.0	2.4	10	67	39	1	272	89
KAZAKHSTAN																
35188 AKMOLA	5108N	07122E	350		973.8	1014.5	16.6	3.5	9.4	1.9	7	27	-6	3	329	109
35229 AKTJUBINSK	5017N	05709E	219		987.7	1013.6	14.9	-5	11.4	3.0	12	79	52	6	248	80
35394 KARAGANDA	4948N	07309E	553		951.5	1015.3	15.3	2.2	8.5	1.1	4	26	-9		306	103
35406 TAIPAK	4903N	05152E	2		1011.1	1011.3	17.8	-2	10.4	1.6	7	20	5		355	111
35416 UIL	4904N	05441E	128				16.3	-9	11.0	2.5	9	70	52	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.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	hr		
35746 ARALSKOE MORE	4647N	06139E	62		1005.7	1013.2	18.1	- .2	11.0	2.1	6	48	37	5	283	84
35796 BALHASH	4648N	07505E	350		974.9	1015.9	16.1	.0	10.7	1.3	2	7	-11	3	352	105
35849 KAZALINSK	4546N	06207E	68		1006.0	1014.0	18.7	- .6	10.8	2.1	6	25	16	4	279	83
35925 SAM	4524N	05607E	88		1004.1	1014.5	18.5	- .9	12.0	3.2	9	35	21			
35953 DZHUSALY	4530N	06405E	103		1001.5	1013.4	18.8		10.3		9	44		5		
36177 SEMIPALATINSK	5025N	08018E	196		991.7	1014.7	16.7	2.7	8.5	1.0	3	17	-10	3	348	115
36208 LENINOGORSK	5020N	08333E	811		922.2	1015.2	11.9	1.3	7.6	.3	9	35	-50	3		
36535 KOKPEKTY	4845N	08222E	512				14.1	1.3	8.6	.8	3	6	-27		351	118
36859 ZHARKENT	4410N	08004E	645		941.6	1014.7	17.6	- .9	10.0	.5	6	34	16		268	94
36870 ALMATY	4314N	07656E	851		919.7	1015.4	15.6	- .7	10.5	.2	12	128	22	4	242	100
38062 KYZYLORDA	4451N	06530E	130		999.0	1014.0	18.9	-1.0	11.1	2.3	7	30	17	5		
38198 TURKESTAN	4316N	06813E	207		990.7	1015.0	18.5	-2.1	12.6	2.9	10	66	45			
UZBEKISTAN																
38262 CHIMBAJ	4257N	05949E	66		1006.7	1014.5	19.6	- .9	12.8	1.3	12	72	57	6	252	79
38396 URGENCH	4134N	06034E	101		1003.7	1015.6	19.7		11.6		7	55		6		
38403 BUZAUBAJ	4145N	06228E	98		1004.1	1015.5	20.2		11.0		5	45		3		
38413 TAMDY	4144N	06437E	237		986.8	1011.9	19.8	-2.8	11.0	1.9	8	46	33	5	265	84
38457 TASHKENT	4116N	06916E	488		958.7	1014.7	18.4	-2.0	12.2	.1	8	66	34	5	291	96
TURKMENISTAN																
38507 TURKMENBASHI	4003N	05300E	-13			1017.0	18.2	-1.4	13.4	1.9	4	24	8		339	112
38545 DARGANATA	4028N	06217E	142		997.6	1014.2	20.2		12.1		7	61				
UZBEKISTAN																
38611 NAMANGAN	4059N	07135E	474		960.5	1014.7	19.6		12.3		3	11		2	308	105
38618 FERGANA	4022N	07145E	577		947.4	1012.7	19.3	-1.6	12.3	.0	3	20	1	3	272	99
38683 BUHARA	3943N	06437E	226		987.5	1014.2	20.6		12.0		4	23		5		
TURKMENISTAN																
38687 CHARDZHEV	3905N	06336E	190		992.8	1015.3	20.9	-2.4	12.4	1.3	3	11	3			
UZBEKISTAN																
38696 SAMARKAND	3934N	06657E	724		931.9	1013.4	17.6	-1.9	11.8	.3	5	32	-1	3	285	90
38812 KARSHI	3848N	06543E	376		970.9	1014.0	20.3		15.7		3	32		5		
38927 TERMEZ	3714N	06716E	310		977.8	1013.4	20.2	-3.4	11.4	-1.3	2	6	-5	3	338	101
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	852		915.7	1495 Y	24.8		6.7		0	T			307	
40357 ARAR	3054N	04108E	549		948.2	1008.4	28.4		7.7		00	T				
40360 GURIAT	3124N	03716E	504		953.5	1010.7	19.5		6.9		0	0			252	
40361 AL-JOUF	2947N	04006E	689		935.3	1008.1	28.0		6.9		2	3				
40362 RAFHA	2937N	04329E	444		959.4	1009.4	24.2		9.4		1	18			197	
40373 AL QAYSUMAH	2819N	04607E	360		967.4	1006.5	32.4		9.5		1	15				
40375 TABUK	2822N	03636E	768		924.4	1007.2	29.4		9.8		0				281	
40394 HAIL	2726N	04141E	1013		900.7	1508 Y	27.9		8.3		5	14			237	
40400 WEJH	2612N	03628E	21		1004.9	1007.6	28.9		22.7		0	9999			305	
40405 GASSIM	2618N	04346E	650		937.0	1006.8	31.4		8.0		4	13				
40410 KHAYBER	2540N	03918E	754		925.3	1004.9	35.5		6.0		0	0				

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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	
40416 DHAHRAN	2616N	05009E	17		1004.2	1006.1	31.8	1.2	15.9	2.7	0	0	-1			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		1005.6	1007.1	32.5		9.0		0	0				
40420 AL AHSA	2518N	04929E	178		987.7	1007.2	33.7		11.3		0	0				
40430 MADINAH	2433N	03942E	636		937.5	1005.3	34.1	1.9	9.5	3.8	0	T	-4		293	
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		941.0	1007.1	32.6		7.7		1	17			235	
40438 RIYADH	2443N	04644E	620		940.9	1007.6	33.0	1.5			1	1	-6		248	
40439 YENBO	2409N	03804E	10		1007.6	1008.8	28.3		19.6		0	0				
IRAN, ISLAMIC REPUBLIC OF																
40706 TABRIZ	3805N	04617E	1361		864.6	1012.4	17.9	1.4	7.5	-1.4	4	17	-24		282	106
40712 ORUMIEH	3732N	04505E	1312		867.8	1010.8	17.0	1.5	9.5	-2	4	9	-37		296	110
40718 ANZALI	3728N	04928E	-23		1021.3	1017.8	17.6	.0	18.8		11	129	81			
40745 MASHHAD	3616N	05938E	989		903.3	1011.0	19.2	-4	11.5	.9	8	40	15		270	96
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		881.4	1009.7	21.3	-9	8.2	.2	19	4				
40766 KERMANSHAH	3416N	04707E	1322		868.3	1010.3	19.5	1.9	9.0	.1	5	5	-28		298	111
40800 ESFAHAN	3238N	05143E	1550		844.6	1008.0	21.4	.1	6.8	-.8					321	107
40831 ABADAN	3022N	04815E	11		1015.5	1016.3			9.7	-3.9	2	6	2		209	80
40841 KERMAN	3015N	05658E	1754		824.7	1006.0	20.9	-2.0	5.5	-1.0					300	104
40848 SHIRAZ	2932N	05235E	1491		851.4	1015.9	19.7		5.7	-2.1	7	80	74		208	64
SAUDI ARABIA																
41024 JEDDAH (KING ABDUL AZIZ INT.)	2142N	03911E	17		1004.8	1006.7	32.3	2.7	27.9	4.9	0	0000			288	
41030 MAKKAH	2126N	03946E	240		979.5	1005.5	36.4		21.5		0	0				
41036 TAIF	2129N	04033E	1454		855.2	1501 Y	26.7	1.2	8.9	-.3	5	41	11		276	110
41055 AL BAHA	2018N	04138E	1662		836.3	1504 Y	26.5		10.3		3	15			235	
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		938.6	1005.0	34.1		8.5		0	0			300	
41084 BISHA	1959N	04237E	1163		884.5	1512 Y	31.0		9.5		0	T			199	
41112 ABHA	1814N	04239E	2093		795.3	1506 Y	22.3		11.1		06	0008			285	
41114 KHAMIS MUSHAIT	1818N	04248E	2056		798.7	1504 Y	23.7		10.8		2	7			272	
41128 NAJHRAN	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		1005.8	1006.6	33.3		30.4		2	4				
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		1007.0	1007.2	30.8	.8	21.4	-3.6	0	0	-1	2	240	78
UNITED ARAB EMIRATES																
41194 DUBAI INTERNATIONAL AIRPORT	2515N	05520E	5		1005.8	1006.3	31.6	1.7	19.3	-2.1					347	101
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1004.2	1007.0	31.9	1.5	20.3	-.6	0	0	-T	5	341	97
OMAN																
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8		1004.5	1005.5	33.1		20.4		0	0		5	327	
41268 SUR	2232N	05929E	14		1005.0	1006.5	34.6		22.1						333	
41288 MASIRAH	2040N	05854E	19		1005.1	1007.3	30.2		29.5		0	0		2	288	
41314 THUMRAIT	1740N	05402E	467		959.0	1010.4	31.2		18.5		0	0				
41316 SALALAH	1702N	05405E	20		1006.1	1008.7	30.6		28.5		0	0			318	
PAKISTAN																
41515 DROSH	3534N	07147E	1465			1480 Y			7.7		12	75	8	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.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
41530 PESHAWAR	3401N	07135E	360		962.3	1002.1	28.1	- .5	14.9		5	23	-4	4	281	95
41560 PARACHINAR	3352N	07005E	1725		827.0	1457 Y	18.3	-2.0			4	15	-50	1		
41571 ISLAMABAD AIRPORT	3337N	07306E	508		945.5	1001.3	27.8	.3	12.3		4	15	-24	2		
41594 SARGODHA	3203N	07240E	188		980.1	1000.5	31.3		12.7		2	23	-68	3		
41598 JHELUM	3256N	07343E	234		976.0	1001.2	30.1	.0	13.0		3	8	-23	1		
41600 SIALKOT	3230N	07432E	256		972.4	1000.9	29.9	- .1	13.9		1	7	-21	2		
41620 ZHOB	3121N	06928E	1407		853.2	1420 Y	25.3	.3	4.7		00	0000	-014	0		
41624 DERA ISMAIL KHAN	3149N	07055E	173		982.2	996.4	30.3	- .6	16.7		1	2	-15	1		
41640 LAHORE CITY	3133N	07420E	215		977.9	1000.6	31.6	.4	12.9		3	18	-4	3		
41660 QUETTA AIRPORT	3015N	06653E	1587		837.7	1467 Y	20.7	- .3	8.6		2	30	24	5		
41675 MULTAN	3012N	07126E	123		988.1	1001.1	33.0	.6	12.6		00	9999	-009	3	277	
41685 BAR KHAN	2953N	06943E	1097			1450 Y	27.3	-1.3	5.8		2	37	20			
41710 NOKKUNDI	2849N	06245E	683		932.6	1004.7	31.6	.4	8.4		00	0000	-001	0	277	
41712 DAL BANDIN	2853N	06424E	850		914.3	1485 Y			6.8		00	0000	-002	0		
41715 JACOBABAD	2818N	06828E	56		995.3	1001.4	35.3	.4	16.2		00	9999	-001	1	243	
41718 KHANPUR	2839N	07041E	88		991.3	1000.4	32.9	.4	12.9							
41739 PANJGUR	2658N	06406E	981		897.2	1481 Y	28.5	.0	9.3		00	0000	-003	0		
41744 KHUZDAR	2750N	06638E	1232		871.9	1449 Y	27.6	- .5	8.9		3	3	-10	3		
41749 NAWABSHAH	2615N	06822E	38		998.7	1001.8	34.0	- .1	15.3		00	0000	-001	0	255	
41756 JIWANI	2504N	06148E	57		999.2	1005.4	28.7	- .8	28.3		00	0000	-001	0	283	
41759 PASNI	2516N	06329E	6		1004.1	1004.7			27.7		00	0000	0000	0		
41768 CHHOR	2531N	06947E	6		1002.6	1003.5	33.0	.0	21.2		00	0000	-003	0	334	
41780 KARACHI AIRPORT	2454N	06708E	22		1004.8	1006.3	31.0	.5	25.3		00	0000	0000	0		
INDIA																
42027 SRINAGAR	3405N	07450E	1587		839.9	1484 Y	15.7	-2.0	11.5		8	91	23	4	180	
42071 AMRITSAR	3138N	07452E	234		975.6	1001.2	29.6	- .3	13.5		2	3	-22	1	295	100
42147 MUKTESHVAR KUMAON	2928N	07939E	2311		774.1	3161 Z	17.4	- .3	8.5		4	28	-42	2		
42182 NEW DELHI / SAFDARJUNG	2835N	07712E	216		977.9	1001.2	32.7	.2	15.3		1	6	-19	2	193	73
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		993.7	1005.5	24.9	- .9	25.1		13	210	-37	2		
42410 GAUHATI	2606N	09135E	54		998.3	1004.4	27.2	.5	27.9		15	166	-60	2	207	108
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		990.7	1001.3	33.9	- .1	16.7		0	0	-12	2	155	
42515 CHERRAPUNJI	2515N	09144E	1313		866.1	1474 Y	19.8	.5	19.5		15	374	-840	1		
42619 SILCHAR	2445N	09248E	29		1001.4	1004.7	27.6		29.0		20	315		1		
42647 AHMADABAD	2304N	07238E	55		999.2	1005.3	34.5	.6	19.3		0	0	-20	3	312	95
42671 SAGAR	2351N	07845E	551		942.9	1001.3	34.3	.8	13.4		1	10	-6	4		
42731 DWARKA	2222N	06905E	11		1006.0	1007.3	29.5	.1	32.3		0	0	-1			
42754 INDORE	2243N	07548E	567		942.3	1002.7	32.5	.1	11.1		1	5	-6	3	326	100
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1002.6	1003.2	31.6	.9	35.0		7	162	20	4	226	100
42867 NAGPUR SONEGAON	2106N	07903E	310		968.1	1001.1	36.1	1.0	16.9		0	0	-18	1	296	101
42909 VERAVAL	2054N	07022E	8		1007.5	1008.4	29.5	.9	31.6		0	0	-1	4		
42933 AKOLA	2042N	07702E	282		971.9	1002.3	34.0	- .9	13.2		1	3	-7	3		
42971 BHUBANESWAR	2015N	08550E	46		997.9	1002.9	33.6	1.9	32.3		4	17	-50	2	234	97
43041 JAGDALPUR	1905N	08202E	553		943.1	1001.5	33.1	1.9	18.2		1	4	-86	0		
43057 BOMBAY/COLABA	1854N	07249E	11		1006.9	1008.1	30.6	.4	30.3		0	0	-12	3	290	98
43063 POONA	1832N	07351E	559		945.5	1005.8	30.4	.7	18.9		0	0	-40	1	333	105
43128 HYDERABAD AIRPORT	1727N	07828E	545		944.7	1002.4	34.2	1.2	15.1		0	0	-40	1	291	104
43185 MACHILIPATNAM	1612N	08109E	3		1003.0	1003.5	34.0	1.6	32.0		1	3	-17	1	246	
43192 GOA/PANJIM	1529N	07349E	60		1001.3	1007.9	30.3	.3	31.5		0	0	-56	1	275	93

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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	%
43198 BELGAUM/SAMBRA	1551N	07437E	747		925.5	1005.8	28.6	.8	21.7		1	39	-44	2		
43279 MADRAS/MINAMBAKKAM	1300N	08011E	16		1002.5	1004.2	33.9	1.0	30.2		2	10	-29	3	202	72
43295 BANGALORE	1258N	07735E	921		906.7	1491 Y	29.0	1.6	20.1		01	1	-103	0	212	88
43314 KOZHIIKODE	1115N	07547E	5		1007.7	1008.3	30.5	1.4	33.7		9	90	-152	2		
43333 PORT BLAIR	1140N	09243E	79		998.4	1007.2	28.4	1.2	31.3		16	316	-30	3	121	79
43363 PAMBAN	0916N	07918E	11		1004.9	1006.1	30.5	-.4	34.6		5	125	77	5		
43369 MINICOY	0818N	07309E	2		1008.7	1008.9	30.4	1.3	34.1		12	289	100	5	235	113
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1001.3	1008.5	29.3	.8	32.0		11	72	-130	1	171	87
SRI LANKA																
43418 TRINCOMALEE	0835N	08115E	7		997.8	1006.5	30.6	.1	32.1	2.6	4	43	-9			
43466 COLOMBO	0654N	07952E	7		1007.7	1008.5	29.1	.8	33.4	1.9	12	285	-97		219	109
43497 HAMBANTOTA	0607N	08108E	20		1006.0	1007.7	28.1	.0	31.9	1.2	7	94	5			
MONGOLIA																
44203 RINCHINLHUMBE	5107N	09940E	1583		838.5	1014.3	5.8	.9	4.8	.0	6	40	21	6		
44207 HATGAL	5026N	10009E	1668		828.0	1011.2	4.5	-.2	5.1	.7	5	34	18	5		
44212 ULAAN-GOM	4959N	09205E	939		906.8	1013.5	12.8	1.4	6.4	.4	2	11	5	5	286	91
44213 BARUUNTURUUN	4939N	09424E	1232		870.5	1012.2	11.5	1.4	5.1	-1.1	2	6	-10	2		
44214 UIGI	4856N	08956E	1715		825.8	1013.0	9.3	.0	4.2	-1.8	3	12	2	4		
44215 OMNO-GOBI	4901N	09143E	1590		838.5	1012.3	9.4	-.1	6.0	.8	5	30	24	5		
44218 HOVD	4801N	09134E	1405		855.1	1009.5	11.8	-.1	7.4	1.5	7	34	25	5		
44225 TOSONTSENGEL	4844N	09812E	1723		824.8	1013.8	7.8	.8	5.8		9	28	16	5		
44230 TARIALAN	4934N	10200E	1235		876.4	1014.9	9.9	.1	5.8	.3	7	32	15	5		
44231 MUREN	4934N	10010E	1283		868.6	1013.1	9.8	.1	5.3	-.2	6	18	3	4		
44232 HUTAG	4923N	10242E	938		906.6	1014.9	10.8	-.4	7.9	1.4	6	21	-1	3		
44237 ERDENEMANDAL	4832N	10123E	1509		845.6	1012.2	8.6	.0	5.6	-.1	4	23	1	4		
44239 BULGAN	4848N	10333E	1208		875.4	1011.7	9.1	.0	6.7	1.2	7	24	2	4		
44241 BARUUNKHARAA	4855N	10604E	807		920.4	1012.9	11.0	.3	7.5	1.7	8	60	42	5		
44256 DASHBALBAR	4933N	11424E	705		929.0	1010.9	9.8	.0	7.0	1.8	3	6	-9	1		
44259 CHOIBALSAN	4805N	11433E	747		925.7	1011.7	11.8	.5	4.0	-1.7	3	7	-7	2	291	99
44265 BAITAG	4607N	09128E	1186		885.3	1017.8	13.2	-.6	7.7	-.2	4	38	33	5		
44272 ULIASTAI	4745N	09651E	1759		819.3	1015.0	8.3	-.2	5.6	.1	7	42	28	5	195	63
44275 BAYANBULAG	4650N	09805E	2255		772.0	1012.4	5.1	.2	6.5	1.6	7	22	17	1		
44277 ALTAI	4624N	09615E	2181		779.0	1011.9	6.3	-.9	7.3	2.1	6	37	25	1		
44282 TSETSERLEG	4727N	10128E	1691		825.5	1009.6	8.0	-.7	5.2	.3	10	63	31	5		
44284 GAIUUT	4642N	10008E	2126		786.1	1015.6	6.4	.0	5.2	1.0	7	23	11	4		
44285 HUJIRT	4654N	10246E	1662		830.6	1012.7	8.6	.5	7.1	1.5	9	42	19	5		
44287 BAYANHONGOR	4608N	10041E	1859		810.5	1011.2	8.5	-1.1	6.1	.8	8	69	55	5		
44288 ARVAIHEER	4616N	10247E	1813		815.0	1011.8	8.4	-.8	6.5	1.4	9	56	42	1		
44292 ULAAN-BAATOR	4755N	10652E	1306		866.6	1013.6	9.4	.5	6.0	.7	8	51	38	6	233	78
44294 MAANTI	4718N	10729E	1430		853.0	1011.5	9.0	.4	7.0		6	65	54	6		
44298 CHOIR	4627N	10813E	1286		867.6	1010.4	11.4	.4	5.5		6	32	22	5		
44302 BAYAN-OVOO	4747N	11207E	926		905.7	1011.0	10.5	-.2	6.0	.3	7	25	10	5		
44304 UNDERKHAAN	4719N	11038E	1033		894.5	1010.3	11.0	.4	4.6	-.4	3	33	18	5		
44305 BARUUN-URT	4641N	11317E	981		900.7	1012.7	12.0	.6	6.7	.8	4	11	-2	3		
44313 KHALKH-GOL	4737N	11837E	688		932.0	1012.0	10.9	.1	5.0	-1.0	1	7	-8	2		
44314 MATAD	4710N	11538E	907		909.4	1013.0	11.4	.0	5.6	.3	1	9	-4	3		
44336 SAIKHAN-OVOO	4527N	10354E	1316		865.4	1011.6	12.4	-.2	6.1	.9	7	49	40	6		

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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	%
44341 MANDALGOVI	4546N	10617E	1393		856.5	1009.8	11.8	.6	5.7	.2	6	47	37	5		
44347 TSOGT-OVOO	4425N	10519E	1298		866.8	1009.7	13.5	-.4	5.8	-.3	6	42	35	5		
44352 BAYANDELGER	4544N	11222E	1101		888.3	1011.0	12.4	.8	6.0	.1		2	-10	2		
44358 ZAMYN-UUD	4344N	11154E	964		901.9	1009.9	15.0	.6	9.8	3.6	3	24	17	5		
44373 DALANZADGAD	4335N	10425E	1465		849.6	1009.7	13.6	-.6	6.9	1.0	5	54	43	5	181	55
HONG KONG, CHINA																
45004 KING'S PARK	2219N	11410E	66		1000.8	1008.3	26.6	.4	28.0	.7	9	251	-63	3	150	98
REPUBLIC OF KOREA																
47101 CHUNCHON	3754N	12744E	75		1003.9	1012.8	18.2	1.2	12.8	.6	4	126	36	4	245	103
47105 KANGNUNG	3745N	12854E	27		1010.5	1013.6	16.2	-1.5	13.4	1.4	6	150	77	5	182	80
47108 SEOUL	3734N	12658E	87		1002.4	1012.4	19.6	2.2	12.8	.2	4	106	15	3	171	75
47115 ULLUNGDO	3729N	13054E	223		987.6	1013.4	14.6	-.8	13.2	1.0	7	324	246	6	249	108
47133 TAEJON	3618N	12724E	78		1004.5	1012.5	19.4	1.9	14.2	1.0	7	120	25	4	226	94
47138 POHANG	3602N	12923E	6		1013.4	1013.7	16.5	-1.1	13.8	.9	10	272	201	6	185	82
47159 PUSAN	3506N	12902E	71		1004.7	1012.9	16.9	-.4	14.2	.4	8	419	271	6	134	60
47165 MOKPO	3447N	12623E	56		1007.6	1012.0	18.3	1.2	15.7	1.1	9	148	59	5	181	84
47168 YOSU	3444N	12744E	68		1004.5	1012.3	17.7	.3	14.8	.7	9	240	94	5	168	73
47184 CHEJU	3331N	12632E	24		1009.1	1011.8	17.9	.7	16.0	1.1	13	284	196	6	180	84
JAPAN																
47401 WAKKANAI	4525N	14141E	11		1012.6	1013.9	10.1	1.4	9.1	.4	5	19	-52	0	209	113
47407 ASAHIKAWA	4346N	14222E	116		1000.9	1014.8	12.7	1.1	9.0	.0	6	50	-17	2	251	128
47409 ABASHIRI	4401N	14417E	43		1009.3	1014.5	10.5	1.1	8.3	-.1	3	30	-33	1	248	133
47412 SAPPORO	4303N	14120E	26		1011.8	1014.9	12.9	.9	9.1	-.1	5	31	-23	1	225	111
47418 KUSHIRO	4259N	14424E	37		1011.4	1016.3	7.4	-.5	8.5	-.1	3	34	-69	1	140	76
47420 NEMURO	4320N	14535E	39		1011.4	1016.1	6.8	-.6	8.2	-.3	2	31	-69	0	155	85
47421 SUTTSU	4248N	14014E	38		1010.3	1014.9	11.5	.8	9.8	.2	5	39	-25	1	242	123
47426 URAKAWA	4210N	14247E	37		1011.9	1016.4	9.3	.0	9.9	.4	3	42	-62	1	175	84
47430 HAKODATE	4149N	14045E	43		1010.2	1015.4	12.1	.6	10.2	.1	5	62	-10	2	228	112
47575 AOMORI	4049N	14046E	3		1014.8	1015.2	13.4	.4	10.9	.5	6	57	-13	2	211	98
47582 AKITA	3943N	14006E	21		1012.4	1014.9	16.2	2.0	12.0	.3	4	39	-75	1	240	121
47585 MIYAKO	3939N	14158E	46		1010.1	1015.7	13.4	.2	11.3	.6	3	11	-85	0	223	110
47598 ONAHAMA	3657N	14054E	5		1015.9	1016.5	14.8	-.3	13.6	.2	6	88	-58	1	184	92
47600 WAJIMA	3723N	13654E	14		1013.1	1014.8	15.8	.5	13.2	.4	5	58	-70	1	233	106
47602 AIKAWA	3802N	13815E	17		1012.6	1014.6	16.4	1.4	13.1	.5	3	43	-56	1	237	114
47605 KANAZAWA	3635N	13638E	33		1010.4	1014.3	18.3	1.3	14.2	.8	5	70	-80	1	230	113
47618 MATSUMOTO	3615N	13758E	611		944.4	1014.1	16.5	.9	11.8	1.1	7	95	1	4	219	100
47624 MAEBASHI	3624N	13904E	113		1002.4	1015.7	18.1	.5	12.9	.2	7	81	-12	3	168	88
47636 NAGOYA	3510N	13658E	56		1008.1	1014.7	19.1	.7	14.9	.7	8	114	-43	2	149	74
47648 CHOSHI	3544N	14052E	28		1013.0	1016.2	17.2	.4	15.9	.3	10	112	-29	3	148	79
47655 OMAEZAKI	3436N	13813E	47		1009.7	1015.1	18.8	.8	17.0	.6	11	315	99	5	151	75
47662 TOKYO	3541N	13946E	36		1011.8	1016.0	18.8	.2	14.2	.1	11	173	35	5	146	80
47663 OWASE	3404N	13612E	27		1011.6	1014.7	18.5	.6	17.3	1.8	15	5	102	60		
47675 OSHIMA	3445N	13222E	79		1006.2	1015.5	17.9	1.1	16.3	.7	16	283	9	4	114	68
47678 HACHIJOJIMA	3306N	13947E	80		1005.3	1014.7	19.4	.2	17.6	-.3	15	277	28	4	103	68
47740 SAIGO	3612N	13320E	31		1010.1	1013.8	15.7	-.2	13.7	-.1	7	219	102	5	233	101
47741 MATSUE	3527N	13304E	22		1010.8	1013.4	18.0	.9	14.2	-.3	7	212	93	5	213	99

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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			
47750 MAIZURU	3527N	13519E	22		1011.8	1014.3	18.0	1.0	14.2	.5	9	102	-26	2	186	99
47755 HAMADA	3454N	13204E	20		1010.5	1012.9	17.7	.7	15.4	.9	10	207	72	5	211	103
47772 OSAKA	3441N	13531E	83		1004.2	1013.8	20.2	1.0	14.9	.7	9	106	-33	2	184	92
47778 SHIONOMISAKI	3327N	13546E	75		1004.8	1013.5	19.3	.5	17.9	1.3	10	288	11	4	133	70
47800 IZUHARA	3412N	12918E	19		1010.2	1012.4	17.4	.1	15.5	.9	10	438	239	6	166	89
47807 FUKUOKA	3335N	13023E	15		1009.9	1011.6	20.0	1.2	15.8	.5	11	111	-33	2	176	94
47815 OITA	3314N	13137E	13		1011.0	1012.5	19.0	.8	16.3	.9	12	252	95	5	143	80
47817 NAGASAKI	3244N	12952E	35		1006.9	1010.9	20.3	1.3	16.7	.4	12	116	-77	2	169	92
47827 KAGOSHIMA	3133N	13033E	31		1007.3	1010.9	21.6	1.5	18.0	.5	10	158	-101	2	116	74
47830 MIYAZAKI	3155N	13125E	7		1009.8	1011.5	20.4	.8	19.1	1.3	18	580	302	6	97	58
47837 TANEGASHIMA	3044N	13100E	18		1008.5	1010.6	21.7	1.0	21.1	1.5	17	306	19	4	108	68
47843 FUKUE	3242N	12850E	26		1008.1	1011.1	19.0	.9	16.4	-1.1	13	364	103	5	154	88
47887 MATSUYAMA	3350N	13247E	34		1008.5	1012.4	19.7	1.4	14.7	.3	9	170	40	5	176	90
47891 TAKAMATSU	3419N	13403E	10		1012.0	1013.1	19.4	1.3	14.9	.3	11	125	23	4	202	95
47898 SHIMIZU	3243N	13301E	33		1008.5	1012.3	20.4	.6	19.1	1.7	16	495	230	6	129	71
47899 MUROTOMISAKI	3315N	13411E	186		991.5	1013.2	18.4	.2	17.9	1.2	14	428	153	6	131	70
47909 NAZE	2823N	12930E	7		1009.2	1010.0	23.1	.5	21.5	.0	15	478	159	5	84	69
47918 ISHIGAKIJIMA	2420N	12410E	7		1008.9	1009.7	25.6	-1.1	24.2	-3.4	4	60	-170	1	176	112
47927 MIYAKOJIMA	2447N	12517E	41		1004.9	1009.6	25.0	.2	24.0	-2.5	4	35	-158	1	148	94
47936 NAHA	2612N	12741E	53		1003.6	1009.7	24.4	.6	23.0	-1.3	9	131	-112	2	131	87
47945 MINAMIDAITOJIMA	2550N	13114E	20		1007.6	1009.9	24.8	.9	27.3	2.2	10	299	116	5	151	85
47971 CHICHIJIMA	2705N	14211E	8		1012.3	1013.2	23.5	.5	25.0	1.3	13	97	-71	1	101	60
47991 MINAMITORISHIMA	2418N	15358E	9		1013.2	1014.1	26.1	.4	25.5	-1.5	9	250	172		233	83
THAILAND																
48327 CHIANG MAI	1847N	09859E	314		970.4	1005.4	28.1	.0	27.4	.4	7	141	-17	3	234	88
48354 UDON THANI	1723N	10248E	182		985.0	1004.9	30.3	1.8	28.9	-4.4	9	169	-51	2		
48378 PHITSANULOK	1647N	10016E	45		1000.5	1005.6	31.1	1.5	30.6	1.1	8	120	-68	2	272	108
48400 NAKHON SAWAN	1548N	10010E	35		1002.0	1006.0	30.8	.5	30.6	.5	8	94	-45	2	245	101
48431 NAKHON RATCHASIMA	1458N	10205E	188		983.3	1006.1	29.9	1.3	28.7	-2.2	5	51	-101	1		
48455 BANGKOK	1344N	10034E	20		1006.5	1007.0	30.7	1.5	30.9	-7.7	10	159	-61	2	241	112
48462 ARANYAPRATHET	1342N	10235E	49		1001.2	1007.0	29.9	1.2	31.5	.9	12	197	15	3		
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1006.9	1007.5	28.8	.2	31.1	.7	14	85	-39	3		
48517 CHUMPHON	1029N	09911E	5		1007.7	1008.2	28.7	.8	33.0	2.6	21	288	99	5		
48568 SONGKHLA	0712N	10036E	5		1007.9	1008.6	28.9	.0	30.6	.1	7	79	-41	2	176	76
CHINA																
50527 HAILAR	4913N	11945E	611		939.6	1011.0	11.3	.7	4.3	-1.4	0	T	-22	1		
50745 QIQIHAR	4723N	12355E	148		992.0	1009.5	16.0	1.6	5.8	-1.5	2	5	-25	1	276	98
51076 ALTAY	4744N	08805E	737		930.2	1014.6	15.6	.2	7.3	.4	4	9	-9	2	313	97
51431 YINING	4357N	08120E	663		939.4	1015.4	16.8	-4.4	10.4	-5.4	4	32	7	4	291	102
51463 URUMQI	4347N	08737E	919		908.9	1014.6	15.5	.7	7.5		8	59	5	5	269	95
51709 KASHI	3928N	07559E	1291		868.2	1007.9	19.5	-4.4	7.7	-8.2	2	11	0	4	308	118
51777 RUOQIANG	3902N	08810E	889		909.1	1007.7	20.4	-8.2	8.3	1.6	2	24	22	5	292	100
51828 HOTAN	3708N	07956E	1375		859.2	1006.9	19.8	-8.2	8.2	.2	3	21	14	5	255	110
52203 HAMI	4249N	09331E	739		925.5	1008.2	20.0	-3.3	8.4	1.5	3	10	7	5	327	97
52533 JIUQUAN	3946N	09829E	1478		849.0	1008.8	16.2	.4	6.4	-1.1	3	7	-3	4	278	96
52836 DULAN	3618N	09806E	3192		690.1		9.2	.3	3.6	-4.4	4	20	-5	3	203	71
52889 LANZHOU	3603N	10353E	1518		844.8		17.4	.6	9.7	.7	6	51	13	4	255	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	
53068 ERENHOT	4339N	11200E	966		901.6	1010.1	15.4	.8	6.3	1.7	4	29	21	6	263	81
53614 YINCHUAN	3829N	10613E	1112		886.8	1009.3	18.0	.8	10.0	1.1	4	25	8	4	258	89
53772 TAIYUAN	3747N	11233E	779		922.8	1010.4	19.0	1.1	11.8	1.7	2	8	-27	1	226	84
54292 YANJI	4253N	12928E	178		992.0	1013.2	14.5	.5	9.6	.8	4	9	-40	1	207	88
54342 SHENYANG	4146N	12326E	43		1006.0	1012.2	18.8	1.6	10.3	-1.1	2	26	-29	1	164	61
54511 BEIJING	3956N	11617E	55		1007.0	1010.8	21.0	1.0	15.1	3.1	5	31	3	3	215	74
54857 QINGDAO	3604N	12020E	77		1004.0	1012.9	16.3	.5	14.3	1.3	3	65	15	4	191	78
55591 LHASA	2940N	09108E	3650		652.3				1.0	-4.5	1	1	-25	1	251	90
56137 QAMDO	3109N	09710E	3307		680.3		11.6	-5	6.3	.1	9	20	-20	2	192	87
56294 CHENGDU	3040N	10401E	508		951.6	1009.3	21.8	.8	18.7	-2	12	105	18	4		
56571 XI'CHANG	2754N	10216E	1599		835.1		22.1	1.0	12.8	-7	11	105	10	4	199	88
56739 TENGCHONG	2507N	09829E	1649		832.1		18.3	.2	15.7	-3	16	222	94	5	184	106
56778 KUNMING	2501N	10241E	1892		807.9		20.5	1.6	14.3	.1	7	86	-5	3	203	90
56985 MENGZI	2323N	10323E	1302		865.8	1004.7	23.5		18.4		10	156		5	203	100
57036 XI'AN	3418N	10856E	398		964.0	1009.5	21.7	2.3	14.6	-1.0	5	50	-15	3	223	119
57083 ZHENGZHOU	3443N	11339E	111		998.3	1011.3	21.4	.3	16.2	1.5	4	34	-18	3		
57461 YI'CHANG	3042N	11118E	134		995.4	1011.0	21.3	-4	19.4	.1	16	144	21	4		
57745 ZHIJIANG	2727N	10941E	273		978.4	1009.9	20.6	-5	20.6	.1	17	203	-4	3		
57993 GANZHOU	2551N	11457E	125		993.4	1009.3	24.3	.3	23.9	.5	12	136	-78	1	132	88
58362 SHANGHAI	3124N	12128E	4		1010.8	1011.4	19.9		18.3		5	30		1		
58606 NANCHANG	2836N	11555E	50		1003.7	1009.5	22.7	.5	21.6	-1	13	366	113	5	164	111
59287 GUANGZHOU	2308N	11319E	8		1003.7	1008.7	27.4	1.8	27.6	-2	9	190	-93	2		81
59316 SHANTOU	2324N	11641E	3		1008.4	1009.3	25.4	1.2	25.8	-2	11	228	19	3	151	109
59431 NANNING	2249N	10821E	73		992.4	1006.7	26.8	.8	28.9	2.0	11	194	7	3	149	90
59758 HAIKOU	2002N	11021E	24		1004.6	1006.7	28.7	1.4	31.9	1.8	10	150	-32	2	192	82
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	56		1013.8	1020.6	19.6	1.9	14.0	-.9	0	0	-19	0	270	134
SPAIN (CANARY ISLANDS)																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1013.6	1018.0	22.2	1.7	14.7	.3	0	T	-3	2	319	116
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1011.7	1017.2	21.4	1.5	14.2	-.9	0	T	-1	3	327	127
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1014.5	1017.0	21.7	1.8	15.0	-.3	0	0	-1	3		
WESTERN SAHARA																
60096 VILLA CISNEROS	2342N	01552W	10		1013.7	1015.1	20.9				0	0		0	321	125
MOROCCO																
60101 TANGER (AERODROME)	3544N	00554W	21			1016.5	19.8	2.1	15.1		00	0	-37		345	110
60115 OUJDA	3447N	00156W	470		963.4	1016.7	18.5	1.5	12.6		2	18	-21	3	335	150
60120 KENITRA	3418N	00636W	14		1013.9	1015.6	20.6	2.5	17.5		2	4	-33	2	337	110
60135 RABAT-SALE	3403N	00646W	75		1006.5	1015.8	19.2	1.8	17.4		2	9	-16	2	324	85
60150 MEKNES	3353N	00532W	549		951.2	1014.6	19.9	2.2	14.1		4	11	-31	1	325	115
60155 CASABLANCA	3334N	00740W	62		1008.9	1015.7	19.8	2.3	18.1		1	4	-14	1	334	75
60195 MIDEIT	3241N	00444W	1515		851.9	1534 Y	17.4	1.9	9.5		5	13	-18	2	294	70
60220 ESSAOUIRA	3131N	00947W	8		1014.5	1015.4	17.7	.5	16.7		1	1	-7	2	291	95

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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	
60230 MARRAKECH	3137N	00802W	466		961.3	1014.1	23.4	2.8	11.9		2	9	-14	3	316	110
60265 OUARZAZATE	3056N	00654W	1140		888.2	1525 Y	24.3	2.6	8.4		2	48	41	5	327	75
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1016.8	1018.0	19.3		17.2		1	8		1	303	110
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1010.6	1017.1	19.6	1.1	16.3	1.2	2	5	-30	2	271	111
ALGERIA																
60351 JIJEL ACHOUAT	3653N	00549E	10		1015.9	1017.1	18.4		16.7		5	71			238	
60353 JIJEL PORT	3650N	00547E	2		1016.2	1017.0	19.2		18.1		7	56			210	
60360 ANNABA	3650N	00749E	4		1015.6	1016.6	18.5	.5	16.6		5	60	30	2	258	
60367 EL-KALA	3654N	00827E	10		1016.6	1018.1	19.8		17.1		4	38				
60390 DAR-EL-BEIDA	3643N	00315E	25		1014.0	1017.4	18.4	.7	16.4		3	20	-19	3	265	
60395 TIZI-OUZOU	3642N	00403E	195		998.5	1016.5	18.7		15.6		5	34		1	247	
60402 BEJAIA	3643N	00504E	2		1016.8	1017.6	18.3	.7	17.1		7	25	-16	3	256	
60403 GUELMA	3628N	00728E	227		990.6	1017.2	19.0		15.2		7	42			263	
60417 BOUIRA	3623N	00354E	635		951.8	1015.6	17.8		14.6		4	14			280	
60419 CONSTANTINE	3617N	00637E	694		937.5	1016.0	17.7	1.1	13.6		5	44	3	4	269	
60421 OUM EL BOUAGHI	3553N	00707E	889			1521 Y	18.1		11.3		4	21		1	276	
60423 SOUK AHRAS	3617N	00758E	680		938.7	1015.7	18.0		13.9		6	42			261	
60425 CHLEF	3613N	00120E	143		999.6	1016.8	20.9	.8	13.5		3	33	-1	0	103	
60430 MILIANA	3618N	00214E	715		935.2	1016.3	18.5	1.2	12.9		3	20	-27	2	313	
60437 MEDEA	3616N	00245E	981		900.5	1523 Y	16.5		12.1		3	38			309	80
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928				18.4		11.7		4	19			322	
60452 ARZEW	3549N	00016W	3		1016.6	1017.1	18.7		16.5		4	20		0	276	
60457 MOSTAGANEM VILLE	3553N	00007E	137		1002.5	1016.8	19.1		15.0		3	14			298	
60461 ORAN PORT	3542N	00039W	22		1014.6	1017.1	19.0		15.8		4	17				
60467 M'SILA	3540N	00430E	441		963.8	1013.7	23.3		13.5		4	29			321	
60476 KHENCHELLA	3525N	00709E	1116		905.7	1526 Y	18.6		11.1		4	18			261	
60490 ORAN/ES SENIA	3538N	00036W	90		1006.0	1016.7	19.3	1.0	14.8		5	24	-5	4	299	100
60506 MASCARA METMORE	3536N	00018E	474		962.4	1017.0	18.2		14.5		4	14			310	
60514 KSAR CHELLALA	3510N	00219E	800		926.5		20.2		10.8		2	4			334	75
60515 BOU-SAADA	3520N	00412E	461		964.4	1016.4	23.3		10.5		4	6			295	
60517 GHAZAOUET	3506N	00152W	83		1017.2	1017.8	19.6		19.6		4	13				
60518 BENI-SAF	3518N	00121W	68		1007.3	1015.5	19.2		17.5		2	16			286	
60520 SIDI BEL ABBES	3511N	00237W	450		963.1	1017.4	18.7		12.9		2	12			312	
60522 MAGHNIA	3449N	00147W	426			1015.8	18.6		13.0		3	20			315	
60525 BISKRA	3448N	00544E	87		1003.4	1013.5	26.9	2.1	11.8		03	0004	-008	2	310	
60531 TLEMENEN (ZENATA)	3501N	00128W	247		988.4	1017.1	18.8		13.9		4	17			311	
60540 EL KHEITER	3409N	00004E	1000		901.5	1501 Y	18.6		9.6		4	40			319	
60545 LAGHOUAT	3346N	00256E	765		928.6	1523 Y	22.9		10.0		5	9			330	
60550 ELBAYADH	3340N	00100E	1341		867.8	1524 Y	18.3		7.3		4	12			323	
60557 NAAMA	3316N	00018W	1166		885.7	1519 Y	19.7		9.0		2	9			316	
60559 EL OUED	3330N	00607E	63		1005.3	1013.1	27.2	2.5	13.9		1	4	-1	4	305	
60560 AIN SEFRA	3246N	00036W	1058		894.5	1503 Y	21.4		10.1		3	15			321	
60566 GHARDAIA	3223N	00349E	450		961.2	1013.0	26.5	2.0	10.0		0	0	-4	2	332	
60571 BECHAR	3137N	00214W	773		922.5	1520 Y	26.3	2.1	7.4		0	T	-6	1	348	80
60580 OUARGLA	3155N	00524E	141		995.3	1011.8	28.6		11.9		0	0			308	
60581 HASSI-MESSAOUD	3140N	00609E	142		996.0	1012.2	29.0	2.7	11.0		0	0	-2	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.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
60590 EL GOLEA	3034N	00252E	397		966.5	1011.9	27.3	2.1	9.5						315	75
60607 TIMIMOUN	2915N	00017E	312		974.3	1009.5	29.8	2.5	8.2						5	330
60611 IN AMENAS	2803N	00938E	562		948.7	1010.4	28.4	1.3	12.3						5	250
60620 ADRAR	2753N	00017W	263		977.5	1008.8	31.8	3.7	6.6						5	336
60630 IN SALAH	2712N	00228E	293		979.2	1008.8	32.7	2.6	9.1						4	338
60640 ILLIZI	2630N	00825E	558		949.6	1008.7	31.3		11.2		00	0000			0	
60656 TINDOUF	2740N	00808W	431		959.5	1009.1	26.9		10.2		2	2			3	348
60670 DJANET	2433N	00928E	1054		905.6	1527 Y	28.9	-1.6	5.6		0	T			3	315
60680 TAMANRASSET	2247N	00531E	1378		865.5	1524 Y	27.9	1.8	5.3		0	0			2	285
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1015.8	1016.3	21.5	2.2	16.5		3	13			2	277
60725 JENDOUBA	3629N	00848E	144		1000.3	1016.9	20.2	1.1	15.2		4	31			4	237
60735 KAIROUAN	3540N	01006E	68		1008.6	1016.6	22.6	1.6	13.8		1	12			3	280
60745 GAFSA	3425N	00849E	314		979.3	1015.2	23.9	2.2	12.7		2	20			8	325
60765 GABES	3353N	01006E	5		1015.0	1015.6	22.3	1.5	17.5		1	5			4	316
NIGER																
61017 BILMA	1841N	01255E	357		968.6	1007.9	30.8		11.2						3	297
61024 AGADEZ	1658N	00759E	502		952.6	1006.9	33.5		5.9		0	0			2	297
61036 TILLABERY	1412N	00127E	210		984.3	1007.2	34.9		18.1		3	22			4	288
61043 TAHOUA	1454N	00515E	391		961.6	1005.5	34.1		11.8		1	2			1	284
61045 GOURE	1359N	01018E	460				32.5		8.5		2	20			5	312
61049 N' GUIGMI	1415N	01307E	286		975.7	1007.1	32.5		11.5		4	6			4	292
61052 NIAMEY-AERO	1329N	00210E	227		982.5	1006.9	34.2		18.6		5	39			4	296
61075 BIRNI-N' KONNI	1348N	00515E	273		977.4	1007.1	34.0		15.9		3	162			0	
61080 MARADI	1328N	00705E	373		965.1	1005.6	32.8		15.1		2	5			1	318
61090 ZINDER	1347N	00859E	453		958.1	1007.2	33.7		11.1		4	71			5	315
61096 MAINE-SOROA	1314N	01159E	337		969.9	1006.7	33.1		12.2		1				0	293
MALI																
61202 TESSALIT	2012N	00059E	491		953.5	1005.9	36.4		5.0						3	248
61223 TOMBOUCTOU	1643N	00300W	264		978.2	1007.0	35.4		9.8						2	274
61226 GAO	1616N	00003W	260		978.4	1006.6	36.6	1.3			1	1			-4	243
61230 NIORO DU SAHEL	1514N	00921W	237		980.2	1005.9	36.6	2.6	12.8		2	4			-3	249
61233 NARA	1510N	00717W	265				36.2	2.8	17.2							
61240 HOMBORI	1520N	00141W	288			1006.3	36.6	1.1	16.2							262
61250 MENAKA	1552N	00213E	278				35.1		11.7		2	3			-3	233
61257 KAYES	1426N	01126W	47		1003.4	1008.4	36.4	1.5	15.8		1	1			-10	263
61265 MOPTI	1431N	00406W	272		977.3	1006.9	34.8	1.7	17.1		4	15			-8	94
61272 SEGOU	1324N	00609W	289		976.1	1007.4	34.1	1.7	23.6		4	19			-13	263
61277 SAN	1320N	00450W	284		977.1	1008.0	33.9	1.2	22.4		4	76			41	5
61285 KENIEBA	1251N	01114W	132		994.2	1008.7	34.5	1.8	20.5			6			-43	272
61293 KOUTIALA	1223N	00528W	367		967.9	1007.9	32.3	1.6	25.2		8	67			2	4
61296 BOUGOUNI	1125N	00730W	351		970.5	1008.7	31.0	1.4	26.2		6	62			-38	239
MAURITANIA																
61415 NOUADHIBOU	2056N	01702W	3		1013.5	1014.0	21.6		19.2		0	0			2	318

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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	
SENEGAL																
61612	1639N	01458W	7		1009.5	1010.3	33.6		16.8	3.9	0	0	-1	4	232	
61627	1523N	01507W	21		1010.8	1012.2	25.7				0	0	-1		241	90
61641	1444N	01730W	24		1008.9	1012.2	23.5		23.2	1.1	0	0		4	222	76
61679	1408N	01604W	7			1011.9	29.1		24.3		0	0	-1	0	264	89
OCEAN ISLANDS (UK)																
61901	1556S	00504W	436		967.7	1018.1	20.2				5	16			185	125
MAURITIUS																
61974	1026S	05645E	3		1011.5	1012.0	27.5	.6	30.8	2.2	19	273	159	5	217	
OCEAN ISLANDS (FRANCE)																
61976	1553S	05431E	13		1012.5	1014.0	27.0		28.5		8	45		6	252	
61980	2053S	05531E	25			1016.4	24.7		23.4		19	206		6	174	
MAURITIUS																
61986	1627S	05937E	4		1013.0	1013.4	27.3	1.4	28.5	1.9	5	59	-8	3		
61988	1941S	06325E	59		1010.3	1016.6	24.8	.6	24.7	2.0	16	115	28	4	225	93
61990	2026S	05740E	57		1011.1	1017.0	24.5	1.3	25.6	2.6	22	124	-24	3	171	89
OCEAN ISLANDS (FRANCE)																
61998	4921S	07015E	30		997.3	1000.8	3.5	-2	6.4		10	86	17	4	90	96
EGYPT																
62306	3120N	02713E	29		1009.9	1013.5	21.3	1.1	17.2	.2						
62337	3105N	03350E	38		1007.3	1010.8	23.0	2.0	17.9	1.6						
62378	2952N	03120E	141		995.9	1012.2	27.0	2.3	12.7	1.0						
62414	2358N	03247E	194		985.6	1007.2	33.6	2.2	8.1	.6						
62435	2527N	03032E	73		999.6	1008.5	31.1	.8	14.6	3.3					323	96
SUDAN																
62600	2149N	03129E	183		986.0	1006.3	33.8	2.3	9.4		0	T	0	5	331	80
62640	1932N	03319E	312		970.7	1004.9	35.2	1.7	8.0		0	0	-1	5	340	85
62641	1935N	03713E	2		1003.0	1007.7	31.4	2.1	21.9		1	1	0	5	325	80
62650	1910N	03029E	226		980.9	1006.9	34.3	2.2	7.3		0	0	-T	5	317	100
62660	1833N	03151E	249		976.8	1005.5	34.1	.6	6.7		0	0	-1	5	311	80
62680	1742N	03358E	345		965.7	1003.4	35.1	1.0	9.8		0	0	-3	5	311	80
62721	1536N	03233E	380		960.6	1006.9	34.6	.1	21.1		1	23	19	3		
62730	1528N	03624E	500		946.3	1000.5	35.3	1.6	10.9		1	2	-6	4	295	75
62751	1424N	03329E	408		961.4	1005.7	32.6	-.5	11.0		0	0	-13	5	284	75
62752	1402N	03524E	599		959.5	1004.2	34.5	1.8	13.6		2	5	-16	4	313	80
62760	1337N	02520E	730		926.9	1005.1	32.5	2.4	9.5		1	4	-3	4	293	75
62762	1333N	03337E	418		957.8	1003.2	33.9	1.1	13.3		1	2	-18	4	307	75
62770	1329N	02227E	805		921.8	1007.9	32.9	2.8			5	47	31	2	277	70
62771	1310N	03014E	574		943.2	1005.4	32.2	.2	11.9		1	12	4	3	279	70
62772	1310N	03240E	381		963.7	1005.3	33.9	.6	11.5		2	3	-10	4	304	75
62781	1242N	02826E	564		946.5	1007.8	32.2	.5	12.7		2	12	2	3	310	80
62795	1244N	03408E	445		956.3	1004.5	33.6	1.2	13.0		1	3	-30	4	323	75

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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	
62805 DAMAZINE	1147N	03423E	470		952.9	1003.7	32.8	1.1	14.3		6	34	-6	2	277	95
62810 KADUGLI	1100N	02943E	499		953.1	1007.3	34.5	2.8	16.7		5	30	-30	2	265	70
62941 JUBA	0452N	03136E	457		956.7	1008.3	29.8	1.9	26.0		11	218	70	1	255	65
ETHIOPIA																
63331 GONDAR	1232N	03725E	1667			1004.3	25.2		9.4		3	38		1	250	
63402 JIMMA	0740N	03650E	1725			996.6	21.5		16.2		3	22		0	273	
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.6	1007.9	19.2		8.4		3	18		1		
63471 DIREDAWA	0936N	04151E	1260		883.2	1006.1	29.8		15.3		1	2		1	292	110
KENYA																
63686 ELDORET	0032N	03517E	2133		791.0	1501 Y	17.5		14.2		13	170				
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		840.3	1520 Y	20.6		17.9		18	230				
UNITED REPUBLIC OF TANZANIA																
63756 MWANZA	0228S	03255E	1140		888.5	1523 Y	22.9		20.6		13	86	10	2		
KENYA																
63799 MALINDI	0314S	04006E	23		1011.3	1014.3	27.2		30.6		15	332				
UNITED REPUBLIC OF TANZANIA																
63832 TABORA AIRPORT	0505S	03250E	1190		883.3	1508 Y	23.5		18.8		4	39	12	3		
63862 DODOMA	0610S	03546E	1120		892.0	1535 Y	23.4		18.0		3	18	15	4		
63894 DAR ES SALAAM AIRPORT	0652S	03912E	55		1007.4	1014.0	27.1		26.5		11	131	-45	2		
63962 SONGEA	1041S	03535E	1067		898.9	1547 Y	20.5		17.1		3	13	0	3		
63971 MTWARA	1016S	04011E	113		1002.6	1013.8	26.1		24.7		2	32	-27	2		
SEYCHELLES																
63980 SEYCHELLES INT. AIRPORT	0440S	05531E	3		1010.4	1010.8	28.0	.3	30.1	.8	18	490	366	5	248	98
CONGO																
64400 POINTE-NOIRE	0449S	01154E	17		1009.5	1011.5	26.4		30.0		3	28		2		
64402 MOUYONDZI	0359S	01355E	512		953.4	1009.7	24.6		26.6		5	102				
BENIN																
65306 KANDI	1108N	00256E	292		976.2	1008.3	31.2	.8	24.1	-1.4	6	107	0		265	97
65319 NATITINGOU	1019N	00123E	461		959.0	1010.4	28.3	.2	26.1	.2	10	179	71		252	103
65330 PARAKOU	0921N	00237E	393		966.8	1010.0	28.6	1.1	25.9	-.2	6	67	-63		254	105
65335 SAVE	0802N	00228E	200		987.7	1010.0	28.0	.3	29.5	2.2	10	158	31		236	104
65338 BOHICON	0710N	00204E	167		992.2	1010.9	27.9	.1	30.1	1.3	3	47	-106	1	232	110
65344 COTONOU	0621N	00223E	9		1009.7	1010.7	29.0	1.2	32.0	1.2	7	94	-102		211	99
GHANA																
65442 KUMASI	0643N	00136W	293		979.1	1012.3	27.0		27.5		9	189			230	60
BURKINA FASO																
65501 DORI	1402N	00002W	277		977.0		34.5		18.1		6	53			288	
65502 OUAHIGOUYA	1334N	00225W	336		970.6	1007.1	37.2		20.0		1	3		1	277	
65503 OUAGADOUGOU	1221N	00131W	306		974.9	1008.2	33.1		23.0		7	69		3	273	100

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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	
65505 DEDOUGOU	1228N	00329W	300		975.4	1008.3	32.0		23.3		6	72		3	279	
65507 FADA N' GOURMA	1202N	00022E	309		975.5	1009.3	32.0		24.0		6	86		4	289	
65510 BOBO-DIOULASSO	1110N	00419W	460		958.7	1009.0	29.0		23.7		7	101		4	246	95
65516 BOROMO	1145N	00256W	271		978.8	1008.6	32.2		23.8		7	123		5	260	
65518 PO	1109N	00109W	322		972.7	1008.1	31.0		25.0		5	86		4	264	
COTE D'IVOIRE																
65557 GAGNOA	0608N	00557W	210		987.7	1011.3	26.7	-1	28.9	.3		267	90	5	217	103
65592 TABOU	0425N	00722W	21		1009.6	1011.9	27.0	.7	31.4	1.1	15	465	98	5	179	114
65599 SASSANDRA	0457N	00605W	66		1003.5	1010.9	27.1	.6	30.7	.6	15	360	125	5	218	120
COMOROS																
67005 DZAOUDZI/PAMANZI (MAYOTTE)	1248S	04517E	7		1011.7	1013.8	27.5		28.5		5	19		6	233	
MADAGASCAR																
67009 DIEGO-SUAREZ	1221S	04918E	105		1011.2	1013.1	25.7	.3	21.9	-1.5	6	10	-3	1	244	86
67073 MAINTIRANO	1803S	04402E	23		1011.6	1014.2	26.1	1.4	25.9	1.6	0	0	-9	0		
67083 ANTANANARIVO/IVATO	1848S	04729E	1276		876.8	1541 Y	18.9	2.1	17.2	2.1	1	6	-16	3	212	93
67095 TAMATAVE	1807S	04924E	6			1015.2	24.9	2.0	27.1	2.8	19	249	21	4	178	93
67161 TULEAR	2323S	04344E	8		1016.2	1017.1	23.9	1.2			1	3	-12	2		
67197 FORT-DAUPHIN	2502S	04657E	9		1016.4	1017.4	23.4	1.5	24.7	3.4	10	225	83	4	214	96
MOZAMBIQUE																
67237 NAMPULA	1506S	03917E	441			1547 Y	18.1				0	0		1		
MALAWI																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		882.6	1553 Y	18.3		14.8						279	
ZAMBIA																
67475 KASAMA	1013S	03108E	1384		865.4	1535 Y	19.3	.4	14.5		02	0026		6		
67633 MONGU	1515S	02309E	1053		899.7	1541 Y	21.5	1.6	12.9		0	0	-4	1		
67663 KABWE	1427S	02828E	1207		888.9	1539 Y	18.3	.5	11.3		0	0	-4	1		
67743 LIVINGSTONE	1749S	02549E	986		907.3	1551 Y	20.4	1.5	11.2		0	0	-6	1		
ZIMBABWE																
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		871.4	1555 Y	16.9		10.3			3	-4	3	294	105
SOUTH AFRICA																
68174 PIETERSBURG	2350S	02925E	1237		886.4	1555 Y	16.1		9.8						303	112
68242 MMABATHO	2547S	02532E	1251		876.8	1562 Y	15.5		7.1		0	0000			308	
68262 PRETORIA	2544S	02811E	1306		877.0	1564 Y	15.1		8.7		0	0	-13	1		
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		835.9	1560 Y	13.0		7.1		0	0000	-13	1	290	105
68424 UPINGTON	2842S	02127E	850		928.8	1551 Y	16.3		7.8		0	T	-10	2	285	98
68438 KIMBERLEY	2848S	02446E	1196		886.6	1553 Y	13.2		8.7		4	16	0	4	264	94
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		866.0	1555 Y	10.6		6.7		2	14	-4	3	216	81
68461 BETHLEHEM	2825S	02833E	1690		835.4	1556 Y	10.6		7.6		1	5		2	271	
68512 SPRINGBOK	2967S	01790E	1007		906.4	1543 Y	15.6		6.9		1	1		1	287	
68538 DE AAR	3065S	02400E	1287		876.6	1558 Y	13.1		8.4		2	16		4	278	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1018.3	1020.0	19.3		16.5		3	36	-23	3	233	104

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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	
68618 CALVINIA	3128S	01946E	975		906.8	1542 Y	13.2		7.2		2	3		2	284	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1015.0	1020.1	15.3		13.8		6	37	-31	1	227	111
68828 GEORGE AIRPORT	3401S	02223E	190		997.4	1020.1	15.8		13.5		13	144			213	
68842 PORT ELIZABETH	3398S	02562E	69		1011.9	1019.2	16.0		14.0		8	136	77	5	222	100
68858 EAST LONDON	3302S	02750E	125		1005.3	1020.2	17.5		15.6		5	84	32	4	223	98
68994 MARION ISLAND	4653S	03752E	21		1007.8	1010.5	6.1		7.4		19	136	-96	1	78	95
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1016.8	-5.7	1.4			1	6	2	4		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1012.5	.7	1.1	5.3		5	13	5	5		
70200 NOME	6430N	16526W	7			1012.0	2.3	.3	5.4		5	16	1	4		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1011.6	5.9	1.5	6.4		10	48	29	5		
70231 MCGRATH	6258N	15537W	103			1011.7	7.2	.3	6.4		9	35	13	5		
70261 FAIRBANKS/INT.	6449N	14752W	138			1011.5	8.6	-6	6.5		1	7	-8	2		
70273 ANCHORAGE/INT.	6110N	15001W	40			1011.2	9.0	.9	6.5		5	20	2	4		
70308 ST. PAUL	5709N	17013W	9			1011.6	3.4	1.6	6.8		5	12	-20	0		
70316 COLD BAY	5512N	16243W	31			1011.7	6.0	1.8	7.3		12	50	-8	3		
70326 KING SALMON	5841N	15639W	15			1010.2	7.0	1.2	6.4		10	47	13	5		
70361 YAKUTAT	5931N	13940W	9			1013.7	6.7	.4	6.4		12	249	4	4		
70398 ANNETTE ISLAND	5502N	13134W	34			1015.8	10.3	.9	9.1		12	182	29	4		
USA																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1015.6	27.8	.8	28.6		4	69	-18	3		
72202 MIAMI, FL.	2549N	08017W	4			1015.9	27.4	1.5	26.2		13	220	63	4		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1016.0	27.0	1.7	27.7		10	307	152	5		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1015.5	26.5	1.6	22.3		4	62	-28	2		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1015.2	24.7	1.7	21.3		5	65	-25	3		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1015.1	23.4	.3	22.3		9	109	6	6		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1014.9	23.2	.5	21.4		9	120	19	4		
72211 TAMPA/INT., FL.	2758N	08232W	3			1015.7	26.6	1.4	23.7		6	65	-13	3		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1015.1	24.3	1.2	20.5		7	36	-84	1		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1014.8	22.9	.7	20.0		11	149	59	5		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1014.6	21.8	.3	19.4		10	143	48	5		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1014.9	20.5	-2	18.3		14	253	144	6		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1014.7	25.1	1.5	21.6		7	242	97	5		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1014.6	23.2	1.0	23.0		7	82	-17	3		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1014.3	26.5	2.7	25.0		4	77	-38	2		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1014.2	23.3		22.6		4	41		2		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1013.6	23.4	1.2	21.4		6	119	-9	3		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1014.1	25.4	1.6	25.1		01	1	-143	0		
72242 GALVESTON, TX.	2918N	09448W	16			1013.1	26.5	2.2	28.1		1	2	-89	6		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1012.5	27.1	3.5	23.0		1	2	-131	0		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1012.4	24.2	1.6	22.0		6	53	-78	1		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1011.0	28.4	1.8	27.2		2	5	-69	6		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1011.2	27.5	2.0	27.2		0	9999	-084	1		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1010.7	26.9	2.7	22.3		1	3	-104	0		

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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	QUINTE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1011.1	26.0	1.8	21.7		3	13	-108	0		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1011.9	27.5	2.7	25.0		1	2	-112	0		
72256 WACO,MADISON-COOPER, TX.	3137N	09713W	155			1011.6	24.7	1.2	23.1		5	71	-45	6		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1011.5	24.1	1.4	21.7		3	25	-99	1		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1010.7	25.1	1.7	15.4		3	12	-64	1		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1010.0	24.4	1.7	12.3		2	66	16	4		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1010.8	23.7	1.1	17.0		4	43	-32	2		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1010.2	21.7	.9	12.3		3	34	-25	2		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1008.6	24.5	2.4	7.8		0	0	-6	1		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1009.5	25.5	2.2	7.0		1	3	-1	4		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1008.8	28.5	2.5	6.7		0	0	-3	3		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1015.1	16.9	- .9	14.7		1	8	4	4		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1014.2	16.2	- .9	13.9		2	24	21	5		
72304 CAPE HATTERAS, NC.	3516N	07533W	3			19.8	19.8	.4			13	223	122	5		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1015.0	19.0	- .4	17.9		11	110	11	4		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1014.6	18.7	- .2	16.6		12	119	23	4		
72310 COLUMBIA, SC.	3357N	08107W	69			1014.6	21.8	.2	19.3		7	111	18	4		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1014.3	19.5	- .4	17.7		14	195	83	5		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1014.7	19.0	- .7	18.1		11	272	175	6		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1014.9	17.1	- .1	14.6		14	211	99	5		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1014.8	17.9	- .9	16.8		13	143	41	5		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1014.8	20.3	.9	18.0		14	225	114	5		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1013.8	19.6	1.0	17.7		12	205	101	5		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1013.9	19.6	- .2	17.3		13	201	77	5		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				21.6				8	88		2		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141			1012.4	21.6	1.0	19.3		9	62	-71	2		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1011.0	23.1	1.3	19.1		5	59	-44	2		
72365 ALBUQUERQUE/INT., NM.	3503N	10637W	1620			1010.0	19.8	1.9	6.1		1	2	-10	2		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664			1008.4	25.5	2.2	6.5		0	9999	-007	2		
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100			1013.5	20.9	.3	6.4		4	17	10	5		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1015.1	17.4	-1.5	16.7		19	213	116	5		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1015.1	16.4	-2.7	14.9		17	181	88	5		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1014.7	15.1	-2.3	14.5		16	174	80	5		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1015.3	13.4	-2.4	14.2		10	55	-29	2		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1015.2	15.8	-1.4	14.0		11	107	12	4		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1014.7	16.9	- .9	14.8		15	258	157	6		
72412 BECKLEY(RALEIGH CTY.MUN),WV.	3747N	08107W	766			1014.4	14.8	- .5	13.3		18	140	39	5		
72414 CHARLESTON/KANAWHA., WV.	3822N	08136W	299			1013.4	16.7	- .8	14.7		13	127	27	6		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1013.0	16.5	- .7	15.6		16	186	78	5		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1013.7	17.4		16.2		13	213		6		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1013.2	18.8	.3	16.7		14	164	47	5		
72425 HUNTINGTON, WV	3822N	08233W	255			1013.5	17.4	- .3	15.6		17	241	134	6		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1013.1	16.0	- .2	14.0		16	153	54	6		
72429 DAYTON/. COX, OH	3952N	08407E	306			1013.8	15.4	-1.1	13.7		19	169	71	5		
72432 EVANSVILLE/REG., IN.	3803N	08732W	118			1013.5	18.0	- .6	16.0		13	166	46	5		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1013.1	18.3	- .6	16.0		12	101	1	4		
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246			1013.2	16.1	-1.0	14.6		14	184	83	5		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1013.5	16.3	-1.2	13.6		11	81	-10	3		
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274			1013.4	17.3	- .3	14.6		11	126	-1	3		

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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	
72476 GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475			1009.0	17.6	.9	7.9		6	30	8	4		
72483 SACRAMENTO/EXECUTIVECA.	3831N	12130W	8			1014.0	18.5	.0	12.7		3	30	24	5		
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1012.0	10.7	.4	6.4		3	46	17	5		
72488 RENO/INT., NV.	3930N	11947W	1341			1012.8	15.8	2.2	6.5		01	1	-16	1		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1015.8	15.0	.5	11.4		2	17	13	5		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1015.2	14.7	-1.9	12.3		13	97	0	4		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1015.8	12.8	-1.3	11.1		10	80	-15	3		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1015.4	13.7	-1.6	11.5		14	126	22	5		
72509 BOSTON/LOGAN INT., MA	4222N	07102W	9			1016.1	12.7	-1.9	11.3		14	106	24	4		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1014.1	13.8	-1.1	11.6		13	99	7	4		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1015.3	12.0	-1.2	10.1		12	112	27	4		
72517 ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117			1015.0	13.9	-1.8	13.2		13	86	-20	6		
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124			1014.6	13.3	-.6	11.0		14	134	51	5		
72520 PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373			1014.2	14.9	-.4	12.8		18	157	66	5		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1013.3	14.2	-.8	13.6		16	205	111	6		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1013.6	13.3	-.9	12.9		14	175	86	6		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1014.1	13.0	-.7	10.8		15	134	55	5		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1014.6	12.7	-1.2	11.8		11	116	47	5		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1013.7	13.4	-1.5	10.7		12	132	48	5		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1013.5	15.9	-.7	14.5		10	101	7	3		
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252			1013.9	14.1	-1.6	13.3		12	177	90	6		
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236			1014.0	13.2	-2.0	12.5		11	161	80	5		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1013.3	13.8	-1.0	12.3		11	145	72	6		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1013.5	13.6	-1.1	12.6		12	119	45	6		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1013.7	15.3	-1.0	11.8		9	128	19	4		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1013.9	16.2	-.6	12.4		10	137	44	5		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1014.4	14.4	-1.7	11.1		8	128	35	4		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1015.0	14.5	-1.9	10.7		8	96	3	4		
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1013.9	14.4	-.2	11.5		6	52	-35	2		
72564 CHEYENNE, WY.	4109N	10449W	1872			1012.2	12.0		7.6		5	32		2		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1012.4	11.9	.6	7.1		6	13	-41	1		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1011.5	16.4	1.5	7.8		8	49	4	4		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1011.6	12.5	.8	6.9		5	38	-20	2		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1013.6	12.5	.5	6.4		6	21	-13	2		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1013.2	13.1	.1	6.5		2	8	-13	2		
72594 EUREKA, CA.	4048N	12410W	18			1015.0	10.5	-1.1			5	36	0	3		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1016.5	14.9		10.0		8	23		3		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1016.0	12.1		10.6		14	103		4		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1016.3	11.2	-.6	10.0		15	80	-11	3		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1015.5	13.0	-.5	10.1		11	87	8	4		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1013.9	12.7	-1.5	12.2		10	131	52	5		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1013.9	12.8	-.5	10.9		10	80	14	6		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1014.1	12.9	-.9	11.8		10	86	19	4		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1014.4	11.3	-1.3	10.3		12	93	21	5		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1014.0	12.9	-.7	10.5		14	94	15	4		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1014.7	12.9	-.9	10.3		9	119	33	5		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1014.7	11.7	-1.4	10.5		9	81	10	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1014.3	13.1	-1.6	10.4		10	68	-9	3		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1014.2	13.3	-.9	10.9		9	69	-3	3		

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					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	
72658 MINNEAPOLIS/ST. PAUL INTL., MN.	4453N	09313W	255			1014.6	14.3	- .4	10.0		10	156	70	5		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1014.0	12.8	- .1	10.1		8	37	-31	2		
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1014.3	11.0	- .5	9.1		8	40	-20	2		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1013.8	13.0	. 2	8.0		10	48	-17	3		
72681 BOISE/MUN., ID.	4334N	11613W	874			1013.7	14.9	. 7	6.4		6	38	11	4		
72688 PENDLETON, OR.	4541N	11851W	456			1014.7	14.1	- .3	9.0		6	22	- 3	3		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1018.0	14.2	. 3	10.4		6	41	-11	2		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1016.6	9.8	- .7	7.9		11	71	- 7	3		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1015.0	11.7	1. 4	7.7		4	44	-24	2		
72745 DULUTH/INT., MN.	4650N	09211W	432			1016.1	10.4	. 0	7.6		8	91	14	4		
72747 INT. FALLS/FALLS INT. MN.	4834N	09323W	361			1015.8	11.8	. 6	7.4		8	37	-25	2		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1014.7	13.1	- .3	9.7		14	108	46	5		
72764 BISMARCK/MUN., ND.	4646N	10045W	506			1014.1	12.3	- .5	10.1		13	125	70	5		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1014.4	11.3	-1. 6	9.3		8	59	9	4		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1014.1	12.6	- .2	8.3		9	42	- 3	3		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1016.1	11.8	. 4	7.5		9	32	-13	2		
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972			1016.3	11.0	. 0	6.4		9	56	11	4		
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325			1015.4	13.8	- .1	6.5		1	4	- 7	2		
72785 SPOKANE/INT., WA.	4738N	11732W	721			1015.1	12.0	- .2	8.1		5	38	3	4		
72792 OLYMPIA, WA.	4658N	12254W	61			1017.9	11.7	- .1	9.8		8	31	-22	6		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1018.3	10.0		9.7		11	76		2		
CANADA																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74			1005.1	1014.4	4. 8	-1. 0	5. 8	3	41	22	5	286	95
71066 HIGH LEVEL, ALTA	5837N	11710W	338			972.1	1013.4	9. 2	- .5	5. 7	4	11	-30	1		
71069 SLAVE LAKE, ALTA	5518N	11447W	581			944.7	1014.9	7. 8	-1. 7	6. 5	7	25	-15	2		
71078 LYNN LAKE, MAN.	5652N	10105W	357			971.4	1015.0	8. 7	2. 5	6. 5	6	26	-18	2	297	115
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204			988.2	1015.6	9. 1	2. 8	6. 5	4	18	-27	1		
71081 HALL BEACH, N.W.T.	6847N	08115W	8			1008.9	1010.0	-5. 4	4. 1	4. 0	4	33	18	5		
71090 CLYDE, N.W.T.	7029N	06831W	26			1007.0	1009.9	-5. 4	2. 7	3. 8	11	36	18	5		
71095 POND INLET, N.W.T.	7242N	07758W	55			1002.6	1009.8	-6. 1		3. 3	11	26		6		
71101 SANDSPIT, B.C.	5315N	13149W	6			1014.3	1015.3	9. 4	. 6	9. 3	8	55	- 7	3		
71109 PORT HARDY, B.C.	5041N	12722W	22			1014.8	1017.4	9. 6	. 2	9. 3	13	89	14	4		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40			1011.8	1017.1	5. 5	. 5	7. 4	11	31	-88	0		
71600 SABLE ISLAND, N.S.	4356N	06001W	4			1015.3	1016.1	6. 1	- .9	8. 2	8	78	-21	2		
71603 YARMOUTH, N.S.	4350N	06605W	43			1010.7	1015.9	9. 1	- .2	9. 1	7	62	-34	2	175	80
71727 BAGOTVILLE, QUE.	4820N	07100W	159			998.7	1018.2	10. 0	. 7	7. 2	11	42	-39	1		
71803 GANDER INT. AIRPORT, NFLD.	4857N	05434W	151			998.1	1016.7	6. 3	- .2	6. 8	12	117	38	5	198	115
71813 NATASHQUAN, QUE.	5011N	06149W	11			1015.8	1017.3	5. 5	. 5	6. 8	11	83	- 6	3		
71816 GOOSE, NFLD.	5319N	06025W	49			1011.7	1017.7	6. 8	1. 7	5. 6	3	17	-49	0	277	150
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195			994.1	1018.3	7. 2		5. 9	2	14		0		
71828 SCHEFFERVILLE, QUE.	5448N	06648W	518			954.7	1018.0	5. 3	4. 2	5. 4	6	12	-39	0		
71842 SIOUX LOOKOUT, ONT.	5007N	09154W	390			969.6	1016.6	12. 6	2. 8	7. 1	9	47	-16	2		
71867 THE PAS, MAN.	5358N	10106W	271			981.5	1014.4	11. 1	2. 4	7. 3	6	21	-12	2	308	110
71869 PRINCE ALBERT, SASK.	5313N	10541W	428			962.2	1013.7	11. 7	1. 3	7. 6	4	27	-14	2		
71887 KAMLOOPS, B.C.	5042N	12027W	346			973.5	1014.8	13. 8	- .2	8. 0	8	26	5	4		
71905 KUUJUAQ, QUE.	5517N	07746W	10			1016.8	1018.1	3. 0	1. 8	5. 7	5	26	-10	2		
71906 KUUJUAQ, QUE.	5806N	06825W	37			1011.7	1016.6	4. 7	4. 8	5. 3	6	13	-17	1		
71907 INUKJUAQ, QUE	5827N	07807W	6			1013.4	1016.4	- .9	1. 0	5. 1	8	25	2	3		

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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	
71909 IQALUIT,N.W.T.	6345N	06833W	34		1008.4	1012.7	- .7	3.5	4.9		8	26	-3	3		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		1005.1	1011.3	-2.5		4.7		13	62		6		
71924 RESOLUTE,N.W.T.	7443N	09459W	67		1003.3	1012.2	-9.0	2.0	3.0		4	8	0	3	223	70
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1012.3	1014.6	-3.6	3.1	4.3		4	24	11	5	222	100
71935 HAY RIVER,N.W.T.	6050N	11547W	166		993.5	1014.1	6.6	.7	5.5		4	21	0	3		
71945 FORT NELSON,B.C.	5850N	12235W	382		967.6	1013.9	9.7	.1	6.1		8	29	-18	2		
71950 SMITHERS,B.C.	5449N	12711W	523		953.6	1015.9	7.8	-1.2	5.8		6	20	-13	2		
71957 INUVIK,N.W.T.	6818N	13329W	68		1007.6	1016.9	- .3	.4	4.5		7	20	1	5		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		929.0	1013.4	6.3	- .3	4.3		1	2	-12	1	284	105
MEXICO																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		857.0	1006.8	24.8		8.3		3	16		0	316	
76256 EMPALME, SON	2755N	11054W	11		1009.8	1011.1	27.6		15.9		0	0		0	342	
76311 CHOIX, SIN.	2643N	10817W	238		982.3	1008.7	29.1		22.4		0	0		0	316	
76390 SALTILLO, COAH	2527N	10059W	1790		821.3	1004.1	23.6		11.1		1	4		0	314	
76393 MONTERREY,N.L.	2552N	10012W	512		951.7	1008.2	29.1		23.7		6	81		4	214	
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1007.9	1013.1	20.1		16.1						337	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1009.3	1011.4	26.0		15.5		0	0		0	360	105
76423 DURANGO, DGO	2402N	10440W	1872		814.5	1005.7	23.1		11.9		6	10		4	306	
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1010.8	1011.2	25.7	.7	24.0	.1	0	0	-2	0	335	113
76548 TAMPICO, TAMPS	2213N	09751W	9		1007.9	1010.9	28.3	1.4	30.2	2.1	2	14	-23	3	242	119
76556 TEPIC,NAY	2131N	10454W	922		910.3	1009.8	24.2		15.5		0	0		0	344	
76577 GUANAJUATO,GTO.	2101N	10115W	1999		804.3	1006.8	23.7	2.1	16.9	3.6	4	29	-8	1	291	112
76634 TULANCINGO, HGO.	2005N	09822W	2181		786.9	1013.2	21.5		11.7		2	5		1	302	
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1009.7	1011.0	30.5	1.8	27.4	2.2	3	20	-43	2	310	114
76647 VALLADOLID, YUC.	2042N	08813W	22		1009.1	1012.1	29.9		26.8		7	80		3	307	
76654 MANZANILLO,COL.	1903N	10420W	3		1010.1	1010.5	26.5		27.8		01	1		4	289	
76665 MORELIA,MICH.	1942N	10111W	1913		811.4	1007.5	24.0	2.9	14.7	2.8	5	26	-17	2	288	155
76675 TOLUCA, MEX	1918N	09940W	2720		738.6	1009.5	15.8		11.2		13	65			239	
76680 MEXICO (CENTRAL), D.F.	1924N	09912W	2308		775.2	1005.2	21.5	2.9	14.4	3.5	4	35	-23	3	270	138
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1008.8	1010.7	28.8	1.4	30.4	1.2	3	14	-32	2	284	139
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1012.4	1013.5	31.0		27.6		6	74		3	294	
76743 VILLAHERMOSA,TAB	1759N	09255W	10		1009.0	1009.9	30.5		32.1		4	148		4	175	135
76750 CHETUMAL,Q.ROO	1829N	08818W	9		1010.9	1011.9	29.4		29.0		7	64		2	215	155
76805 ACAPULCO,GRO.	1650N	09956W	13		1010.0	1010.5	28.1	-1.1	29.7	.0	0	0	-28	0	298	118
76848 COMITAN,CHIS.	1615N	09208W	1530		837.9	1006.1	21.0		16.6		9	49		1	201	
76903 TAPACHULA, CHIS.	1455N	09216W	182		1003.3	1016.7	28.6		29.3		17	305		3	93	
BAHAMAS																
78073 NASSAU AIRPORT	2503N	07728W	7		1016.0	1016.8	27.1	1.8	26.9	2.4	11	108	-8	3	270	100
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1013.5	1013.6	28.3		29.1		8	101			272	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1012.3	1013.9	28.9	2.8	25.6					5	273	110
DOMINICAN REPUBLIC																
78458 PUERTO PLATA	1945N	07034W	5		1014.2	1014.8	26.8		27.4		6	89				
78486 SANTO DOMINGO	1826N	06953W	14		1013.4	1015.0	27.7	1.4	30.0	4.9	9	39	-148	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	
PUERTO RICO AND US POSS																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1016.3	27.4	.2	27.3		13	48	-102	1		
BELIZE																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5			1011.5	29.1	.8	31.7		5	183	78	5	265	99
COSTA RICA																
78762 JUAN SANTAMARIA	1000N	08413W	939			908.9	23.0	.8	22.5		21	225	-42	2		
78767 PUERTO LIMON	1000N	08303W	3			1011.3	26.8	.7	29.5		18	508	227	5	147	86
ST.MAARTEN, ST.EUST., SABA																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9			1017.2	27.2	.2	24.0	-3.0	8	61	-35	3	279	112
ST.MARTIN, ST.BARTH., GUAD.																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11			1015.0	27.6	.7	25.2		8	47	-101	1	191	85
MARTINIQUE																
78925 LE LAMENTIN	1436N	06100W	7			1014.8	28.1	1.3	25.7	-2.2	6	49	-74	1	210	83
BARBADOS																
78954 GRANTLEY ADAMS	1304N	05929W	56			1009.4	27.8		29.3		3	115		1	243	
TRINIDAD AND TOBAGO																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15			1011.6	28.0	1.1	28.3	-.2	8	44	-72	1	210	90
CURACAO AND BONAIRE																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67			1012.3	28.1	.2	28.6	-.4		2	-23	2	269	111
S AMERICA																
VENEZUELA																
80403 CORO	1125N	06941W	17				29.0	.6	27.2		0	0	-26	1	220	89
80407 MARACAIBO-LA CHINITA	1034N	07144W	65			1002.0	29.2	1.1	28.6		2	8	-59	1	185	103
80410 BARQUISIMETO	1004N	06919W	614				24.3	.3	23.9		11	91	16	4	190	99
80413 MARACAY - B.A. SUCRE	1015N	06739W	437			963.6	28.2	2.2	28.2		8	161	55	5	230	111
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48			1004.9	27.5	.9	28.7		3	29	-7	3	236	117
80416 CARACAS/LA CARLOTA	1030N	06653W	835				25.0	1.8	23.5		7	40	-40		220	121
80419 BARCELONA	1007N	06441W	7				26.6	-1.1	24.7		9	52	4	4	214	84
80420 CUMANÁ	1027N	06411W	4				27.6		26.8		3	14			212	90
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19				28.2		33.7		0	0			230	85
80423 GUIRIA	1035N	06219W	14				27.3	-.4	27.8		4	41	-21	3	212	95
80425 MENE GRANDE	0949N	07056W	28				29.6	1.9	30.8		9	62	-91	1	175	96
80426 VALERA	0921N	07037W	582				25.7		25.2		7	58			156	95
80427 ACARIGUA	0933N	06914W	225				26.5	.5	26.7		18	219	26		148	100
80428 GUANARE	0901N	06944W	163				26.2	.2	24.7		18	196	-31		146	101
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429				26.7		23.9		9	103			201	110
80432 CARRIZAL	0925N	06655W	161				25.9		26.3		9	10			221	105
80434 VALLE DE LA PASCUA	0913N	06601W	125				30.2		24.0		4	32				

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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	
80435 MATURIN	0945N	06311W	66				26.7	.1	24.6		15	168	68	5	160	75
80437 EL VIGIA	0838N	07139W	103				27.2		27.5		12	54			159	
80438 MERIDA	0836N	07111W	1498		850.1	1498 Y	20.7	1.1	18.8		20	139	-97	1	182	95
80440 BARINAS	0837N	07013W	204				26.6		26.4		17	139			149	
80442 CALABOZO	0856N	06725W	101				28.4		28.5		12	130			204	
80444 CIUDAD BOLIVAR	0809N	06333W	48				27.7	-.6	29.6		13	83	-19	3	181	80
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378		1002.0	1009.6	29.2	2.6	28.6		2	8	-73	1	185	109
80448 GUASDUALITO	0714N	07048W	131				25.6	.0	25.9		18				125	83
80450 SAN FERNANDO DE APURE	0754N	06725W	48				27.1	-.1	27.9		13	189	22	3	195	103
80453 TUMEREMO	0718N	06127W	181		989.5	1009.7	27.5	1.9	32.4		20	201	66	5	166	93
80457 PUERTO AYACUCHO	0536N	06730W	74		1004.5	1013.0	26.8	.7	22.6		25	259	-52	3	182	121
80462 SANTA ELENA DE UAIREN	0436N	06107W	907				21.7	.0	22.4		26	223	9	3	140	84
80472 VALENCIA	1010N	06756W	431				26.3		25.8		8	177			220	
80475 STO. DOMINGO (B.A.)	0735N	07204W	327				24.3		24.1		19	229			100	85
80479 PALMICHAL	1018N	06814W	1000		900.6		20.9		22.5		8	93			111	
GUYANA																
81001 GEORGETOWN	0648N	05809W	2		1012.8	1013.2	27.0	.2	29.9	.3	23	371	86	4	132	74
81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1009.6	1013.1	25.0	-.6	29.6	.9	23	483	167	6		
FRENCH GUIANA																
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1011.6	1012.5	26.0		29.3		28	582	-17	3	101	72
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1011.4	1012.2	25.2		30.0		29	719	162	5	67	61
81415 MARIPASOULA	0338N	05402W	106		1000.8	1012.8	25.5		28.5		25	352	-35	2		
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				27.0				23	365		4		
82098 MACAPA	0002N	05103W	15		1010.5	1012.5	27.3	1.2	31.1		22	216	-135	1	177	116
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90				26.6		30.9		26	340		4	111	
82191 BELEM	0127S	04828W	10		1010.2	1010.8	26.7	.8	30.7		18	221	-83	3	165	89
82212 FONTE BOA	0232S	06610W	56		1004.7	1012.9	26.3		27.8		21	369		5	126	
82246 BELTERRA	0238S	05457W	176		993.4	1013.3	25.4	.9	31.6		19	187	-77	2	199	101
82280 SAO LUIZ	0232S	04418W	51		1006.1	1011.8	26.9	1.0	32.3		18	208	-111	2	190	117
82287 PARNAIBA	0305S	04147W	22		1006.1	1008.8	26.3	1.3	30.9		8	98	-128	2	221	100
82397 FORTALEZA	0346S	03836W	26		1009.8	1012.9	26.6	.3	29.8		16	332	106	4	202	97
82410 BENJAMIN CONSTANT	0423S	07002W	65				26.4		30.3		19	133		2	144	
82425 COARI	0405S	06308W	46		1007.0	1012.5	27.1		30.6		19	386		5	196	
82445 ITAITUBA	0416S	05559W	45		1008.5	1013.7	27.7	1.2	32.7		14	139	-49	2	199	116
82533 MANICORE	0549S	06118W	50		1005.9	1011.8	26.7		27.4		18	185		2	153	
82562 MARABA	0521S	04909W	95		1000.3	1011.1	28.2	1.7	29.4		7	103	14	3	221	111
82571 BARRA DO CORDA	0530S	04516W	153		994.4	1014.1	26.5	1.5	28.8		5	43	-22	3	242	115
82578 TERESINA	0505S	04249W	74		1003.6	1013.7	26.6	.5	30.1		12	103	-6	3	251	109
82598 NATAL	0546S	03512W	45		1007.9	1013.6	26.9		30.3		11	231		3	249	120
82678 FLORIANO	0646S	04301W	123		998.3	1014.1	27.3	.7	25.8		5			0	264	106
82704 CRUZEIRO DO SUL	0738S	07240W	170		988.2	1007.5	25.5		28.6		14	282		5	126	
82723 LABREA	0715S	06450W	60		1003.8	1012.0	26.1		30.1		16	234		5	146	
82765 CAROLINA	0720S	04728W	192		991.1	1014.0	27.4	1.2	29.3		10			5	248	101
82784 BARBALHA	0719S	03918W	409		967.3	1013.9	25.0	.9	23.7		5	50	2	4	249	111
82791 PATOS	0701S	03716W	249		984.3	1012.0	27.2		22.5		6	35		2	248	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.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
82825 PORTO VELHO	0846S	06305W	95		1001.5	1008.0	26.3	1.4	28.2		9	229	111	6	186	145
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		992.3	1009.1	27.7	1.6	28.5		5	62	-4	3	234	105
82900 RECIFE (CURADO)	0803S	03455W	7		1013.0	1013.9	26.1	.9	28.4		14	226	-102	2	220	118
82915 RIO BRANCO	0958S	06748W	136		993.9	1012.1	25.2	.7	28.8		8	126	25	4	164	112
82983 PETROLINA	0923S	04029W	370		971.9	1013.0	26.5	1.1	22.0		0	0	-28	1	222	96
83064 PORTO NACIONAL	1031S	04843W	250		985.1	1011.8	27.0	.8	26.1		5	70	33	4	224	85
83096 ARACAJU	1055S	03703W	6		1013.8	1014.5	26.7	.7	27.7		19	242	-30	3	217	106
83186 JACOBINA	1111S	04028W	484		960.4	1014.1	23.3	.0	22.1		11	51	3	4	138	80
83229 SALVADOR	1301S	03831W	51		1009.4	1015.3	25.7	.5	28.2		19	550	226	5	160	92
83235 TAGUATINGA	1216S	04626W	660		945.9	1012.4	25.6	1.3	22.0		5	45	23	4	234	98
83236 BARREIRAS	1209S	04500W	440		962.4	1012.3	24.7	1.3	22.9		3	9	-13	3	236	93
83242 LENCOIS	1234S	04123W	438		965.2	1014.6	23.7	.8	21.4		8	96	18	4	129	87
83264 VERA (GLEBA CELESTE)	1212S	05630W	415				25.2	1.3	24.8		5	21	-25	3	199	92
83288 BOM JESUS DA LAPA	1316S	04325W	440		963.5	1012.3	25.8	.9	25.2		1	20	9	5	242	91
83332 POSSE	1406S	04622W	950		924.0	1013.7	23.7	.7	19.0		2	6	-13	2	249	101
83344 VITORIA DA CONQUISTA	1457S	04053W	893		918.9	1015.8	19.7	-.1	19.7		9	60	41	6	157	85
83361 CUIABA	1533S	05607W	179		996.4	1016.8	24.7	.1	26.9		4	51	-2	4	223	107
83377 BRASILIA	1547S	04756W	1158		888.6	1014.2	19.8	-.4	15.8		1	9	-30	1	236	101
83423 GOIANIA	1641S	04917W	729		932.4	1014.4	22.9	.8	17.2		0	0	-36	0		
83437 MONTES CLAROS	1643S	04352W	646		942.9	1014.7	22.4	1.2	17.0		2	5	-9	3	254	91
83492 TEOFILLO OTONI	1751S	04130W	356		976.1	1014.6	22.5	1.9	21.0		6	26	-4	3	155	89
83498 CARAVELAS	1744S	03915W	3		1016.2	1016.7	24.7	.5	25.0		13	116	-3	3	138	68
83552 CORUMBA	1900S	05739W	130				23.5	.4			4	79	26	4		
83579 ARAXA	1934S	04656W	1004		904.2	1016.8	18.5	-.7	15.1		7	57	14	4	260	113
83592 CARATINGA	1948S	04209W	609		948.4	1017.2	19.9	.1	17.9		2	4	-29	0	204	100
83618 TRES LAGOAS	2047S	05138W	313		978.9	1016.8	20.7	-.8	18.0		3	70	0	3	248	118
83648 VITORIA	2019S	04020W	36		1013.0	1017.3	24.2	.5	23.1		8	34	-46	2	188	2
83676 CATANDUVA	2108S	04858W	536				20.1	-.5	15.8		4	46	-7	2	237	105
83698 CAMPOS	2145S	04120W	11		1015.8	1017.2	23.0		22.4		10	101		6		
83702 PONTA PORA	2232S	05544W	650		941.2	1018.6	17.8	-.5	14.6		4	83	-52	1	244	132
83766 LONDRINA	2323S	05111W	566		953.0	1018.9	18.3	.0	16.2		5	47	-60	2	238	118
83781 SAO PAULO	2330S	04637W	792		928.1	1017.4	18.2	.6	15.0		3	33	-40	2	206	136
83836 IRATI	2528S	05038W	837		918.3	1016.3	13.4		12.5		2	29		1	212	
83842 CURITIBA	2526S	04916W	923		915.4	1019.2	14.7	.1	13.9		4	26	-73	2	200	132
83881 IRAI	2711S	05314W	247		989.0	1019.6	15.7	.4	15.3		4	19	-142	0	178	104
83897 FLORIANOPOLIS	2735S	04834W	2		1016.6	1016.8	19.1	.6	18.1		5	46	-50	2	208	112
83967 PORTO ALEGRE	3001S	05113W	47		1012.9	1018.6	17.3	.5	16.2		6	46	-48	1	170	102
83980 BAGE	3120S	05406W	217		988.7	1017.3	14.9	.2	14.6		7	175	72	4	171	106
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1014.0	1018.4	15.0	.6	15.5		8	300	207	6	149	85
PERU																
84370 TUMBES	0333S	08024W	27		1006.1	1009.0	27.2		26.6		2	5		4		
84377 IQUITOS	0345S	07315W	126		1001.3	1011.8	25.6		27.6		22	737	464	5		
84401 PIURA	0511S	08036W	55		1007.8	1014.6	23.6		22.1							
84425 YURIMAGUAS	0554S	07605W	184		994.8	1016.0	26.9		28.0		13	131	-35	2		
84452 CHICLAYO	0647S	07950W	34		1010.4	1013.5	20.8		18.5							
84455 TARAPOTO	0627S	07623W	282		983.8	1018.9	26.9		26.5		9	98	-2	4		
84501 TRUJILLO	0806S	07902W	30		1010.0	1014.1	18.5		18.3							
84515 PUCALLPA	0825S	07436W	149		995.0	1012.5	26.2		28.2		10	175		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.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1011.8	1013.4	17.3		17.7						99	
84686 CUZCO	1333S	07159W	3249		689.2		11.1		7.4		2	5	-3	3		
84691 PISCO	1345S	07617W	7		1010.6	1011.3	18.5		18.3							
84735 JULIACA	1529S	07009W	3826		645.6		9.3		7.2		2	5	-4	3		
84752 AREQUIPA	1619S	07133W	2539		753.9		15.8		5.0							
84782 TACNA	1804S	07018W	469		963.7	1017.1	17.3		14.6							
BOLIVIA																
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		967.4	1014.6	23.1		15.1		2	11		1		
85210 SAN MATIAS	1620S	05823W	124		999.9	1015.7	24.8		16.3		2	14				
85223 COCHABAMBA	1725S	06611W	2548		749.9		16.3		6.2							
85230 CHARANA	1735S	06936W	4054		627.1		4.4		2.9		3	10		5		
85242 ORURO	1758S	06704W	3072		655.8		6.8		3.2		3	7		4		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		965.0	1012.4	23.4		14.3		4	71		3		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		982.5	1015.2	23.6		14.0		2	44		3		
85264 VALLEGRANDE	1828S	06406W	1998		793.2		15.5		9.7		3	7				
85268 ROBORE	1819S	05946W	276		985.0	1015.6	22.6		15.7		7	72		4		
85283 SUCRE	1901S	06518W	2904		720.5		13.4		5.8		3	35		5		
85289 PUERTO SUAREZ	1859S	05749W	134		997.3	1012.6	23.2		15.2		4	63		4		
85293 POTOSI	1933S	06544W	3935		637.2		3.9		2.8		1	1				
85315 CAMIRI	2000S	06332W	798		924.5	1013.9	20.1		12.0		1	12		2		
85345 VILLAMONTES	2115S	06327W	398		963.0	1014.6	21.3		13.2		2	4				
85364 TARIJA	2133S	06442W	1854		812.8		17.5		8.1		2	6		5		
85365 YACUIBA	2157S	06339W	645		940.9	1014.9	18.8		12.2		4	8		1		
CHILE																
85406 ARICA	1821S	07020W	55		1010.4	1014.9	17.7	.1	14.6	-.7	0	0	0	5	176	95
85418 IQUIQUE	2032S	07011W	48		1009.3	1015.0	16.9	.0	15.2	.6	0	0	0	5	185	85
85442 ANTOFAGASTA	2326S	07027W	140		998.6	1015.4	15.8	.6	13.8	.2	0	T	T	4	176	75
85469 ISLA DE PASCUA	2710S	10926W	69		1011.1	1019.4	20.4		18.3		15	163		4	168	95
85470 COPIAPO	2718S	07025W	290		979.7	1014.0	12.8	-.4	11.5	-.3	0	0	-1	4	182	80
85488 LA SERENA	2955S	07112W	146		999.9	1015.9	12.0	-.3	11.8	-.4	2	69	63	6	125	75
85543 QUINTERO	3247S	07131W	5													
85574 PUDAHUEL	3323S	07047W	474		960.9	1017.2	9.6		8.6		2	53		4	174	125
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		955.5	1016.6	10.3		9.6		2	80		5	162	125
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1014.4	1018.0	14.7		13.6		17	170		4	104	
85629 CURICO	3458S	07113W	220								3	99	-10	3	122	125
85672 CHILLAN	3635S	07202W	148								3	78	-115	2	134	110
85682 CONCEPCION	3646S	07304W	13		1016.8	1017.7	9.8	-1.0	10.3	-1.1	6	73	-105	1	175	130
85743 TEMUCO	3846S	07238W	93		1007.2	1018.7	8.2	-1.2	9.4	-1.0	10	41	-134	0	94	115
85766 VALDIVIA	3938S	07305W	19				8.8	-.5			11	108	-186	1	68	95
85782 OSORNO	4036S	07303W	58								8	45	-154	1		
85799 PUERTO MONTT	4126S	07306W	90		1006.9	1017.9	8.7	-.1	10.5	.4	15	70	-164	1	88	125
85864 COYHAIQUE	4536S	07206W	311		977.0	1014.5	6.0	.8	7.5	.3	15	131	-52	2	97	
85874 BALMACEDA	4555S	07142W	522		952.7	1014.9	3.6	.2	6.5	.3	9	63	-29	2	127	
85934 PUNTA ARENAS	5300S	07051W	43		1000.1	1006.1	5.6	2.2	6.9	.4	12	57	16	4	84	100
URUGUAY																
86330 ARTIGAS	3023S	05630W	120		1002.2	1016.6	15.8	.1	14.1	.3	5	181	70	5	208	111

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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 _c	O _c	mb	mb		mm	mm		hr	
86350 RIVERA	3053S	05532W	241		988.3	1016.7	15.5		14.0		7	200		4	190	110
86360 SALTO	3123S	05757W	33		1011.4	1016.5	15.4	.4	14.0	.7	6	171	72	5	176	100
86430 PAYSANDU	3220S	05802W	61		1010.4	1017.7	15.5		14.3		6	230		5	204	110
86440 MELO	3222S	05413W	100		1003.9	1016.1	14.1	.2	13.7	1.7	7	153	54	4	170	97
86460 PASO DE LOS TOROS	3248S	05631W	75		1006.8	1016.1	14.7	.1	14.0	.7	8	289	185	6	166	100
86490 MERCEDES	3315S	05804W	17		1014.4	1016.5	14.5	.6	13.5	.9	7	124	39	0	161	97
86500 TREINTA Y TRES	3313S	05423W	46		1010.6	1016.3	14.6	.7	14.0	1.4				2	161	98
86560 COLONIA	3427S	05750W	23		1012.7	1015.1	15.2	.4	13.4	.1	5	59	-19	3	151	91
86565 ROCHA	3429S	05418W	18		1013.6	1015.9	14.3	.6	13.8	-1	9	164	75	5	163	96
86580 CARRASCO	3450S	05600W	32		1011.8	1015.9	14.3	.4	13.5	1.0	8	141	51	4	156	91
ARGENTINA																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459		673.5	3139 Z	8.1	1.4	4.1	.8	1	25	24	1	289	
87016 ORAN AERO	2309S	06419W	357		972.1	1013.1	18.7	.5	18.1	.0	4	15	-7	3	131	
87022 TARTAGAL AERO	2239S	06349W	450		963.6	1014.4	18.4		16.8		4	18			175	
87046 JUJUY AERO	2423S	06505W	905		912.6	1506 Y	16.1		14.3		3	19		5	171	100
87047 SALTA AERO	2451S	06529W	1221		880.2	1515 Y	14.4	1.1	12.7	.6	1	6	-2	3	159	117
87097 IGUAZU AERO	2544S	05428W	270		986.0	1017.2	17.2		16.7						180	
87121 TUCUMAN AERO	2651S	06506W	450		963.4	1015.1	16.3		14.6		5	16			161	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		992.3	1015.4	16.3	-.4			4	10	-6	1	182	123
87155 RESISTENCIA AERO.	2727S	05903W	52		1009.8	1015.9	17.9		15.6		1	2		1	176	110
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		925.3	1530 Y	15.6		13.1		3	22			243	
87166 CORRIENTES AERO.	2727S	05846W	62		1009.3	1016.6	18.3	.0	15.8	-1.4	1	9	-89	1	221	110
87178 POSADAS AERO.	2722S	05558W	125		1001.9	1016.5	18.7	.4	15.8	-1.0	01	1	-139	0	197	114
87213 CHILECITO AERO	2914S	06726W	945			1525 Y	14.3		9.1		0	0				
87217 LA RIOJA AERO.	2923S	06649W	429		964.1	1012.2	15.2	-.3	12.6	.4	2	5	-2	2	200	100
87222 CATAMARCA AERO.	2836S	06546W	454		960.7	1012.8	16.1		12.6		4	14		5	163	85
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341						13.4	.1	3	0025	0001	4		
87257 CERES AERO	2953S	06157W	88		1005.7	1016.2	15.3	-.7	15.2	.4	5	28	1	4	166	93
87270 RECONQUISTA AERO	2911S	05942W	53		1010.3	1016.6	17.1	.1	15.3	-1.6	4			3	184	96
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1008.3	1016.6	16.5	.0	15.1	-.2	6	163	40	4	169	140
87311 SAN JUAN AERO	3134S	06852W	598		947.2	1016.4	13.1		8.9		0	0		0	212	95
87320 CHAMICAL AERO	3022S	06617W	461		961.7	1014.9	15.4	-.4			1	4	-3	3	184	
87328 VILLA DOLORES AERO	3157S	06508W	569		940.6						5	63	52	2	288	150
87344 CORDOBA AERO	3119S	06413W	474		961.3	1016.2	14.6	.5	11.8	-.2	2	12	-9	3	156	90
87349 PILAR OBSERVATORIO	3140S	06353W	338		977.2	1016.9	13.8	-.3	11.9	.0	2	6	-11	2	169	89
87374 PARANA AERO	3147S	06029W	78		1007.6	1016.9	15.3	.5	14.0	.2	4	102	51	5	170	90
87393 MONTE CASEROS AERO	3016S	05739W	54		1010.6	1016.9	14.5	-1.8	14.9	-1.1	5	128	25	4	198	102
87395 CONCORDIA AERO	3118S	05801W	38		1012.3	1016.8	15.6	.1	14.5	-.1	7	167	66	4	154	
87418 MENDOZA AERO	3250S	06847W	704		935.0	1015.8	12.4	.8	9.5	.5	1	3	-2	1	176	90
87436 SAN LUIS AERO	3316S	06621W	713			1015.5			9.7	.0	1	17	6	3	196	93
87448 VILLA REYNOLDS AERO	3344S	06523W	486		960.1	1017.1	11.6	-.2	10.5	.3	2	80	60	1	138	76
87453 RIO CUARTO AERO	3307S	06414W	420		966.9	1014.0	13.0	-.1	10.8	-.1	1	4	-19	1	135	78
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1003.2	1016.8	13.3	-.4	12.5	-.3	5	18	-18	3	163	103
87480 ROSARIO AERO	3255S	06047W	25		1013.3	1016.3	14.2	.5	13.2	.1	6	56	10	4	199	111
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1014.2	1016.7	14.8	.7	13.6	.4	5			1	150	93
87506 MALARGUE AERO	3530S	06935W	1425		858.8	1015.1	7.8	.4	5.5	-1.0	1	5	-16	2	210	
87509 SAN RAFAEL AERO	3435S	06824W	748		930.6	1016.8	11.2	.2	9.1	.8	01	1	-8	2	139	
87532 GENERAL PICO AERO	3542S	06345W	145			1016.2	12.3	.3	10.8	-.2	3	6	-25	2	112	88

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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 _c	O _c	mb	mb		mm	mm		hr	
87534 LABOULAYE	3408S	06322W	137		1000.7	1017.1	12.4	-.3	11.6	.3	5	22	-6	4	158	93
87544 PEHUAJO AERO	3552S	06154W	87		1006.4	1016.8	12.3	.4	11.5	-.1	5	22	-20	3	179	
87548 JUNIN AERO	3433S	06057W	81		1006.9	1016.6	12.9	.6	11.8	.1	6	53	9	4	164	98
87550 NUEVE DE JULIO	3527S	06053W	76		1007.2	1016.3	12.4	-.1	11.8	-.2	9	74	27	4		
87563 LAS FLORES AERO	3604S	05906W	38		1012.0	1016.3	12.1		12.3		7	75		4	162	
87576 EZEIZA AERO	3449S	05832W	20		1014.7	1017.1	13.7	.8	13.0	.9	4	50	-21	3	114	100
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1016.4	1017.1	15.3	.6	13.4	.2	5			3	159	99
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1014.1		14.9	.5			5	68	-5	4	156	90
87593 LA PLATA AERO	3458S	05754W	19		1014.5	1017.4	13.0	.2	13.2	.6	5	57	-16	3	158	102
87596 PUNTA INDIO B.A.	3522S	05717W	22		1014.4	1017.1	13.1	.3	13.1	.4	7	84	22	4	149	85
87623 SANTA ROSA AERO	3634S	06416W	191		994.0	1016.9	11.3	.1	10.0	-.3	3	15	-12	3	159	101
87640 BOLIVAR AERO	3612S	06104W	934			1017.6	11.5		11.4		7	38			159	
87641 AZUL AERO	3650S	05953W	147		999.8	1017.5	10.4		10.5		6	65		4	162	100
87645 TANDIL AERO	3714S	05915W	175		996.1	1017.1	10.6		10.3		7			3	143	
87648 DOLORES AERO	3621S	05744W	9		1015.9	1017.1	11.8	.2	12.1	.5	7	84	23	4	117	82
87679 PIGUE AERO	3736S	06223W	304		980.0	1017.1	11.3	1.7	9.9	.1	5	25	-18	3		
87692 MAR DEL PLATA AERO	3756S	05735W	21		1014.6	1017.2	11.4	.1	10.9	-.4	5	45	-28	2	151	140
87715 NEUQUEN AERO	3857S	06808W	271		984.3	1016.8	10.3	1.1	8.1	.7					179	121
87750 BAHIA BLANCA AERO	3844S	06210W	83		1006.5	1016.5	12.3	1.3	10.0	.3	3	61	29	5	173	
87765 BARILOCHE AERO	4109S	07110W	840		920.5	1486 Y	5.9	.9	6.4	-.8	5	25	-109	1	159	117
87774 MAQUINCHAO	4115S	06844W	888		914.0	1478 Y	7.6	2.5	4.1	-1.8	3	11	-11	2		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1012.8	1015.2	10.6	-1.0	8.9	.1	3	30	6	1	183	
87791 VIEDMA AERO	4051S	06301W	7		1014.5	1015.3	10.0		9.5		6	52		4	180	120
87800 EL BOLSON AERO	4158S	07131W	337		976.4	1017.2	7.0		8.0		7	24			150	
87803 ESQUEL AERO	4256S	07109W	785		922.2	1015.2	6.4	1.3	5.9	-.4	5	24	-54	1	139	
87814 PASO DE INDIOS	4349S	06853W	460		957.0	1011.6	8.8		1.3		3	27		0	120	120
87823 P. MADRYN AERO	4244S	06504W	136		997.1	1013.6	10.4		8.8		6	72			154	
87828 TRELEW AERO	4312S	06516W	43		1008.9	1014.2	9.6	.1	7.7	.8	6	62	43	5	170	110
87852 PERITO MORENO AERO	4631S	07101W	429		960.6	1012.3	5.5		7.4		7	58			120	
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46		1006.7	1012.3	10.9	1.4	7.1	.3	5	86	55	5	146	115
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		996.2	1009.3	6.2		6.2		6	29			131	
87909 SAN JULLIAN AERO	4919S	06745W	62		1002.1	1009.7	7.7		7.6		7	49		5	117	
87925 RIO GALLEGOS AERO	5137S	06917W	19		1005.1	1007.4	5.7	1.8	7.0	.6	6	30	7	4	96	
87938 USHUAIA AERO	5448S	06819W	14			1001.7	5.5	2.3	7.2	.9	9	40	-13	1	80	
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 BASE ESPERANZA	6324S	05659W	13				-7.7	1.9	3.1		12	34	-20	1	14	
88968 BASE ORCADAS	6045S	04443W	4		992.8	994.4	-6.3	-.8	3.9		19	89	27	5	14	105
89053 BASE JUBANY	6214S	05838W	4		990.8	991.7	-2.7		4.5		4	16			8	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198		965.6	990.3	-10.9		2.2		4	18			25	
89066 BASE SAN MARTIN	6808S	06708W	4		987.6	988.5			3.3		10	30			30	
UNITED KINGDOM (ANTARCTIC)																
89022 HALLEY	7530S	02639W	30		981.9	985.9	-22.8		.9							
89062 ROTHERA POINT	6734S	06808W	16		984.1	988.2	-5.5		3.3						17	

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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	
UKRAINE (ANTARCTIC)																
89063 VERNADSKY	6515S	06416W	11		988.2	989.6	-3.1		4.1		15	29		6		
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		989.8	991.7	-2.6		4.5		15	41	41		9	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		970.0	985.2	-13.5		1.4		10	134	129		3	
89592 MIRNYJ	6633S	09301E	30		982.1	988.0	-16.3		1.6		10	89	78	1		
GERMANY (ANTARCTIC)																
89002 NEUMAYER	7040S	00815W	50		979.5	984.7	-17.7		1.4						9	
ARGENTINA (ANTARCTIC)																
89034 BASE BELGRANO II	7752S	03437W	256		974.8	997.4	-15.4		1.2		10					
URUGUAY (ANTARCTIC)																
89054 DINAMET-URUGUAY	6211S	05851W	17		989.0	990.8	-2.5		4.4		7	29			6	
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO ' ' PDTE. ED	6211S	05859W	48		986.0	991.6	-2.6		4.3	.4	10	28		1	0	
89057 BASE ARTURO PRAT	6230S	05941W	5			991.5	-2.7	1.3	4.8	1.0	15	63	4	4	6	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		988.7	989.9	-4.6	1.7	3.9	.7	7	41	-25	3	14	
JAPAN (ANTARCTIC)																
89532 SYOWA	6900S	03935E	21		985.5	988.2	-12.9	.4	1.8	.2					13	
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16		990.1	992.2	-17.6		.9						46	
89571 DAVIS	6834S	07757E	13		986.4	989.4	-17.4		1.0		3	5	-6	3	21	
89611 CASEY	6617S	11031E	42		981.1	986.6	-17.3		1.5		3	24				
FRANCE (ANTARCTIC)																
89642 DUMONT D'URVILLE	6640S	14001E	43		981.8	987.4	-17.0		.8						76	
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1008.5	1008.8	29.2	1.6	31.0	-.3	8	94	-109	1		
48615 KOTA BHARU	0610N	10217E	5		1008.2	1008.8	28.5	.5	31.4	.9	6	66	-33	2		
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1006.2	1008.7	29.1	1.9	30.8	.6	8	106	-77	2		
48657 KUANTAN	0337N	10313E	16		1007.1	1008.8	28.4	1.5	32.6	2.2	5	57	-145	0		
48665 MALACCA	0216N	10215E	9		1007.8	1008.8	28.1	1.0	31.4	.5	8	111	-61	1		
SINGAPORE																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1007.2	1009.0	29.2	1.7	32.9	2.0	10	82	-76	1	181	101
USA (PACIFIC OCEAN NORTH)																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1017.8	25.2	.9	22.5		9	60	-20	3		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1017.3	26.1	.8	20.8		1	2	-26	0		

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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	
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1017.9	23.4	.1	20.6		14	123	-128	1		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1008.2	27.9	.1	32.0		22	352	-2	2		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1009.9	27.2	-.1	31.1		26	759	274	5		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1010.2	28.4	.6	30.4		19	267	14	3		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1009.4	28.3	1.0	30.5		18	273	-11	3		
91408 KOROR, PALAU IS.	0720N	13429E	33			1008.9	28.3	.3	31.4		18	444	140	5		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1008.8	28.2	.6	32.7		23	539	309	6		
NEW CALEDONIA																
91577 KOUMAC (NILE-CALEDONIE)	2034S	16417E	18			1011.4	23.8	1.2	23.8		7	108	48	4	171	86
91592 NOUMEA (NILE-CALEDONIE)	2216S	16627E	72			1005.9	23.1	1.0	23.2		16	132	42	5	129	73
TUVALU (NEW ZEALAND)																
91643 FUNAFUTI	0831S	17913E	2			1008.8	28.8		33.7		27	207		2	199	95
FIJI																
91650 ROTUMA	1230S	17703E	26			1010.0	28.2		31.2		18	170		1	226	115
91680 NANDI	1745S	17727E	25			1011.4	25.8	.9	27.9		10	53	-27	3	218	103
91683 NAUSORI	1803S	17834E	7			1012.0	25.4		29.3		23	264		4		
91699 ONO-I-LAU	2040S	17843W	28			1013.6	25.9		27.7		8	45		2		
NEW CALEDONIA (DETACHED IS.)																
91753 HIHIFO (ILE WALLIS)	1314S	17610W	27			1006.5	27.9		31.5		17	144		1	203	95
SAMOA (USA)																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1009.6	28.2		30.6		21	498		5	159	129
COOK ISLANDS (NEW ZEALAND)																
91843 RAROTONGA	2112S	15949W	7			1013.9	23.9		24.2		7	100		2	183	
FRENCH POLY. (MARQUESAS)																
91925 ATUONA	0948S	13902W	52			1005.2	26.6		27.8		10	63	-81	2	224	102
FRENCH POLY. (SOCIETY IS)																
91929 BORA-BORA	1626S	15145W	3			1011.3	27.3		28.6		16	205		4		
91938 TAHITI-FAAA	1733S	14937W	2			1011.8	26.9		26.7		7	30	-62	2	227	100
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3			1011.3	28.0		29.0		12	204	129	6	220	85
91945 HEREHRETUE	1952S	14500W	3			1013.2	25.9		27.0		18	177		4	190	85
91948 RIKITEA	2308S	13458W	89			1006.0	23.3		22.6		10	153	18	4	171	98
FRENCH POLY. (AUSTRAL IS)																
91954 TUBUAI	2321S	14929W	3			1015.1	23.0		23.1		17	175	38	4	147	86
91958 RAPA	2737S	14420W	2			1017.5	20.7		18.5		14	126		2		
NEW ZEALAND																
93012 KAITAIA	3506S	17316E	54				15.0		14.3							
93292 GISBORNE AERODROME AWS	3839S	17759E	5				1018.6	13.5	1.5	12.1						

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	
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1018.9	13.0			12.5		9	161		5	
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1017.6	12.6	1.4		11.7		6	110	15	4	145
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1017.7	10.7			11.2		15	317		4	
93678 KAIKOURA	4225S	17342E	101			1015.5	11.9			9.3		8	44		3	
93780 CHRISTCHURCH	4329S	17233E	30			1015.3	9.7			9.6		6	36		2	
93844 INVERCARGILL AERODROME	4625S	16819E	4			1014.0	8.6	.9		9.5		20	153	43	5	92
93947 CAMPBELL ISLAND AWS	5233S	16909E	19			1001.0	5.9			7.5		24	174		5	
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1014.7	11.0			11.0		11	57		1	
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1019.6	19.8			18.7		8	121		4	
AUSTRALIA																
94120 DARWIN AIRPORT	1225S	13053E	31			1007.5	1011.5			27.4		0	0	-29	1	309
94150 GOVE AIRPORT	1217S	13649E	54			1005.4	1011.4			26.3		2	10		2	298
94203 BROOME AIRPORT	1757S	12214E	7			1011.9	1012.9			25.4		1	4	-20	3	310
94212 HALLS CREEK AMO	1814S	12740E	424			966.1	1014.1			23.7		0	0	-12	1	
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375			972.4	1015.4			22.5		0	0	-8	1	330
94287 CAIRNS AERO	1653S	14545E	3			1013.6	1014.5			23.1		12	90	-17	3	249
94294 TOWNSVILLE AERO	1915S	14645E	9			1014.6	1015.6			23.1		2	8	-32	2	244
94299 WILLIS ISLAND	1618S	14959E	6			1012.3	1013.3			25.8		5	137	47	4	
94312 PORT HEDLAND AIRPORT	2022S	11838E	9			1013.3	1014.3			24.6		01	1	-25	2	
94326 ALICE SPRINGS AERO	2348S	13353E	546			955.7	1018.8			16.1		1	3	-15	3	301
94332 MT ISA AERO	2041S	13929E	340			976.4	1015.4			21.8		0	0	-16	1	309
94346 LONGREACH AIRPORT	2326S	14417E	192			994.9	1017.3			20.4		3	35	4	4	
94367 MACKAY MO	2107S	14913E	30			1013.0	1016.7			21.0		9	88	-27	3	211
94374 ROCKHAMPTON AERO	2323S	15029E	14			1016.2	1017.8			20.5		2	17	-41	2	
94403 GERALDTON AIRPORT	2848S	11442E	33			1012.4	1016.5			19.5		8	73	-2	4	
94430 MEEKATHARRA AIRPORT	2637S	11833E	517			957.6	1017.1			19.4		1	9	-17	2	
94461 GILES	2502S	12817E	598			949.7	1018.3			17.9		1	2	-15	2	302
94610 PERTH AIRPORT	3156S	11559E	31			1014.3	1016.7			17.8		10	91	-12	3	214
94647 EUCLA	3141S	12853E	102			1008.1	1020.3			15.5		3	9		1	
94653 CEDUNA AIRPORT	3208S	13342E	16			1019.1	1021.0			14.5		2	9	-25	1	238
94693 MILDURA AIRPORT	3414S	14205E	52			1015.4	1021.9			13.5		4	28	1	4	204
94711 COBAR	3129S	14550E	264			990.2	1021.5			14.7		4	16	-20	3	252
94767 SYDNEY AIRPORT	3356S	15110E	5			1020.6	1021.2			16.5		14	388	300	6	181
94776 WILLIAMTOWN AERODROME	3248S	15150E	8			1019.9	1021.0			15.6		16	185	80	4	153
94791 COFFS HARBOUR MO	3019S	15307E	5			1018.9	1019.7			16.6		13	185	9	4	228
94802 ALBANY AIRPORT	3456S	11748E	69			1008.1	1016.4			15.0		8	70	-33	2	196
94821 MOUNT GAMBIER AERO	3744S	14047E	69			1013.6	1022.0			11.4		5	32	-36	1	144
94866 MELBOURNE AIRPORT	3740S	14451E	132			1007.8	1022.1			12.5		4	12	-36	1	168
94907 EAST SALE AIRPORT	3806S	14708E	8			1021.0	1022.0			11.2		4	12	-51	1	192
94910 WAGGA AIRPORT	3510S	14727E	213			996.5	1022.2			12.5		4	27	-33	1	216
94926 GANBERRA AMO	3518S	14912E	580			954.3	1023.0			10.4		4	14	-30	1	190
94968 LAUNCESTON AIRPORT	4132S	14712E	178			999.7	1021.3			9.9		7	31	-32	1	148
94975 HOBART AIRPORT	4250S	14729E	27			1016.5	1019.9			11.6		6	38	-2	3	123
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6			1017.4	1018.2			19.1		15	176	21	4	
94996 NORFOLK ISLAND AERO	2902S	16756E	109			1004.1	1017.1			18.5		16	260	139	1	170
94998 MACQUARIE ISLAND	5429S	15856E	6			998.1	999.1			4.1		22	110	36	5	20

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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	
INDONESIA (SUMATRA)																
96035 MEDAN/POLONIA	0334N	09841E	25		1008.3	1011.5	28.1		31.3			246		1	157	140
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1008.5	1009.2	26.7		29.1		9	90		1	160	95
96221 PALEMBANG/TALANGBETUTU	0254S	10442E	10		1009.1	1010.6	27.9		27.8		8	130			177	65
BRUNEI DARUSSALAM																
96315 BRUNEI AIRPORT	0456N	11456E	15		1006.9	1008.8			31.6	.3	3	169	-59	1	198	84
MALAYSIA (SABAH & SARAWAK)																
96413 KUCHING	0129N	11020E	27		1007.0	1009.6	27.8		30.0		13	216		3		
96421 SIBU	0220N	11150E	8		1006.0	1009.5	27.8		30.4		10	184		2	216	110
96441 BINTULU	0312N	11302E	5		1006.4	1009.1	27.2	.0	29.4		11	224	-18	3	205	100
96449 MIRI	0420N	11359E	18		1007.0	1008.9	28.0	.7	32.3		15	235	52	4		
96465 LABUAN	0518N	11515E	30		1005.4	1008.7	28.4		31.0	- .8	13	234		2	218	90
96471 KOTA KINABALU	0556N	11603E	3		1008.6	1008.9	28.1		30.3		9	128		1		
96481 TAWAU	0416N	11753E	20		1006.6	1008.5	27.2		30.9		11	194	68	5	224	95
96491 SANDAKAN	0554N	11804E	13		1007.4	1008.6	29.1	1.4	34.6		11	231		5	228	90
INDONESIA (KALIMANTAN)																
96633 BALIKPAPAN/SEP INGGAN	0116S	11654E	3		1008.4	1009.2	28.1		32.5		17	441		6	126	85
INDONESIA (JAWA)																
96749 JAKARTA/SOEKARNO- HATTA	0607S	10639E	8		1008.4	1009.8	28.2		30.4		10	66				
AUSTRALIA (OCEAN ISLANDS)																
96996 COCOS ISLAND AERO	1211S	09649E	3		1009.9	1010.3	27.6		30.2		16	116	-70	2		
INDONESIA (SULAWESI)																
97048 GORONTALO/JALALUDDIN	0031N	12304E	2		1005.7	1008.1	27.1		29.2		13	192			197	100
INDONESIA (NUSATENGARA)																
97230 DENPASAR/NGURAH-RAI	0845S	11510E	1		1009.5	1010.2	27.1		28.7		6	72		3	278	
INDONESIA (MALUKU/IRIAN JAYA)																
97980 MERAUKE/MOPAH	0828S	14023E	3			1009.2	27.0		28.0		10	68		3	193	140
PHILIPPINES																
98135 BASCO	2027N	12158E	11		981.5	1008.2	27.0	-1.1	29.8	-2.1	8	123	-46			
98223 LAOAG	1811N	12032E	5		1006.6	1007.2	30.0		31.7		8	302		5	272	
98232 APARRI	1822N	12138E	3		1009.1	1009.4	29.0	.2	33.3	1.8	7	314	192	6	112	
98233 TUGUEGARAO	1737N	12144E	62		1000.3	1007.4	28.9		28.3		9	196		5	147	
98325 DAGUPAN	1603N	12020E	2		1005.9	1006.2	28.8	- .8	33.6	3.1	12	939	713	6		
98328 BAGUIO	1625N	12036E	1501		850.3	1006.5	20.0		20.6		26	663		5	287	
98330 CABANATUAN	1529N	12058E	32		1004.7	1007.9	30.2		31.7		14	351				
98429 NINYO AQUINO INTER- NATIONAL	1431N	12100E	15		1005.8	1008.2	29.0	- .5								
98430 SCIENCE GARDEN	1438N	12101E	46		1001.9	1007.1	29.1	- .4				466	353	5		
98444 LEGASPI	1308N	12344E	17		1006.4	1008.3	28.5	.1	33.6	2.4	19	196	29	3		
98550 TACLOBAN	1115N	12500E	3		1006.9	1007.2	29.6	1.5	33.6	2.9	10	125	-17	3		

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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
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr
98637 ILOILO	1042N	12234E	8		1007.7	1008.4	29.7	.6	31.6	.8	14	303	186	5	169
98644 TAGBILARAN	0936N	12351E	8		1007.8	1008.7	28.7		31.7		11	207		5	
98646 MACTAN	1018N	12358E	24		1006.4	1007.8	29.4	.0	33.6	2.8	10	46	-8		
98653 SURIGAO	0948N	12530E	55		1004.4	1008.9	29.2	1.1	33.6	2.2	12	124	1	3	
98836 ZAMBOANGA	0654N	12204E	6		1008.5	1009.3	29.0	.9	31.6	1.4	9	125	44	5	109

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	
OVERDUE MAY 2002																
ASIA																
PAKISTAN																
41515 DROSH	3534N	07147E	1465		849.6	1460 Y	23.7	1.6	7.3		5	23	-44	1	289	107
41530 PESHAWAR	3401N	07135E	360		959.4	998.4	32.0	3.4	13.3		2	8	-19	2	305	103
41560 PARACHINAR	3352N	07005E	1725		824.1	1456 Y	19.6	-7	8.7		5	9	-56	1	308	105
41571 ISLAMABAD AIRPORT	3337N	07306E	508		943.3	998.1	31.0	3.5	12.4		2	12	-27	1		
41594 SARGODHA	3203N	07240E	188		977.5	997.6			13.9		1	35	-56	4	265	
41598 JHELUM	3256N	07343E	234		972.2	997.7	33.6	3.5	13.0		1	1	-30	1	325	104
41600 SIALKOT	3230N	07432E	256		970.5	997.8	32.3	2.3	14.0		1	7	-21	2	323	
41620 ZHOB	3121N	06928E	1407		853.1	1437 Y	27.5	2.5	8.4		0	0	-14	1		
41624 DERA ISMAIL KHAN	3149N	07055E	173		978.9	997.7			18.2		2	7	-10	3	284	98
41640 LAHORE CITY	3133N	07420E	215		974.0	997.3	34.2	3.0	15.5		2	36	14	4	321	104
41660 QUETTA AIRPORT	3015N	06653E	1587		836.2	1451 Y	24.5	3.5	7.2		0	0	-6	3		
41675 MULTAN	3012N	07126E	123		984.1	997.3	35.0	2.6	16.9		1	40	31	5	280	96
41685 BAR KHAN	2953N	06943E	1097		882.9	1431 Y	31.5	2.9	7.7		0	0	-17	0		
41710 NOKKUNDI	2849N	06245E	683		927.9	1001.7	33.7	2.5	7.7		0	0	-1	4		
41715 JACOBABAD	2818N	06828E	56		992.2	998.5	37.7	2.8	20.2		0	0	-1	4		
41718 KHANPUR	2839N	07041E	88		987.4	997.0	35.7	3.2	17.2		0	0	-5	3	306	99
41739 PANJGUR	2658N	06406E	981		897.5	1452 Y	31.3	2.8	15.7		2	10	7	4		
41744 KHUZDAR	2750N	06638E	1232		869.7	1430 Y	30.7	2.6	8.4		0	T	-13	0		
41749 NAWABSHAH	2615N	06822E	38		995.5	998.8	37.2	3.1	22.3		0	T	-1	4		
41756 JIWANI	2504N	06148E	57		996.0	1002.5	30.2	.7	31.1		0	0	-1	5		
41759 PASNI	2516N	06329E	6		1002.8	1003.3	30.2		31.1		0	0	0	5		
41768 CHHOR	2531N	06947E	6		1000.1	1000.8	34.7	1.7	26.9		0	0	-3	4		
41780 KARACHI AIRPORT	2454N	06708E	22		1000.4	1003.0	31.3	.8	30.2		0	0	0	5		
JANUARY 2003																
ASIA																
PAKISTAN																
41660 QUETTA AIRPORT	3015N	06653E	1587		842.8	1519 Y	5.9	2.2	5.4		8	35	-21	2		
41744 KHUZDAR	2750N	06638E	1232		878.1	1496 Y	12.5	2.4	6.0		3	15	-1	3		

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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	mb	mb		mm	mm		hr	
FEBRUARY 2003																
ASIA																
PAKISTAN																
41515 DROSH	3534N	07147E	1465			854.5	1507 Y	6.3	.5	5.0		9	104	36	5	
41530 PESHAWAR	3401N	07135E	360			972.7	1014.7	13.3	.4	10.3		5	132	90	5	158
41571 ISLAMABAD AIRPORT	3337N	07306E	508			955.3	1014.3	12.9	.8	9.5		11	173	100	5	84
41594 SARGODHA	3203N	07240E	188			991.7	1013.7			11.1		10	89	-56	5	
41660 QUETTA AIRPORT	3015N	06653E	1587			839.4	1487 Y	8.6	2.6	6.7		6	95	46	4	194
41712 DAL BANDIN	2853N	06424E	850			918.9	1481 Y			6.3		2	2	-16	2	
41744 KHUZDAR	2750N	06638E	1232			875.1	1471 Y	14.6	2.9	7.4		4	15	-11	3	
MARCH 2003																
ASIA																
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2			1013.2	1013.4	20.9	-.3	16.2	-0.7	3	11	-2	4	85
PAKISTAN																
41530 PESHAWAR	3401N	07135E	360			970.5	1011.7	18.1	.7	13.6		8	66	-12	4	
41560 PARACHINAR	3352N	07005E	1725	31				8.3	-1.3			13	117	-10	3	194
41571 ISLAMABAD AIRPORT	3337N	07306E	508			953.3	1011.2	17.7	.8	10.5		4	110	21	4	93
41594 SARGODHA	3203N	07240E	188			989.1	1010.7			13.5		4	37	-139	3	
41624 DERA ISMAIL KHAN	3149N	07055E	173			991.1	1011.0	19.5	-.4	14.1		3	8	-26	2	219
41660 QUETTA AIRPORT	3015N	06653E	1587			840.3	1492 Y	12.7	1.6	8.0		11	10	-45	0	
41675 MULTAN	3012N	07126E	123			996.7	1011.1	21.4	.4	12.7		3	5	-14	2	229
41744 KHUZDAR	2750N	06638E	1232			875.1	1473 Y	19.1	2.1	7.0		3	18	-9	4	
41759 PASNI	2516N	06329E	6			1011.4	1012.0			16.6		0	0	-16	3	
THAILAND																
48431 NAKHON RATCHASIMA	1458N	10205E	188			989.5	1010.6	27.9	-.4	26.3	2.5	5	83	41	5	
48480 CHANTHABURI	1236N	10207E	4			1010.1	1010.5	28.1	.7	29.6	1.2	5	40	-15	3	180
APRIL 2003																
ASIA																

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	QUINILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
INDIA																
42587 DALTONGANJ	2403N	08404E	221		980.3	1005.5	32.3	2.1			1	10	-10	3		
MONGOLIA																
44203 RINCHINLHUMBE	5107N	09940E	1583		837.6	1022.2	-4.7	- .7	3.4	.5	2	8	2	3		
44207 HATGAL	5026N	10009E	1668		829.6	1021.9	-4.0	- .6	3.1	.4	3	13	5	4		
44212 ULAAN-GOM	4959N	09205E	939		910.3	1011.0	- .4	- .6	3.7	.1	2	13	10	5	213	82
44213 BARUUNTURUUN	4939N	09424E	1232		877.1	1022.2	-1.7	- .1	2.9	-.9	7	28	15	5		
44214 UIGI	4856N	08956E	1715		825.6	1019.7	.0	-1.7			1	2	-2	2		
44215 OMNO-GOBI	4901N	09143E	1590		838.4	1018.5	- .4	-1.4	3.0	-.4	2	6	2	4		
44218 HOVD	4801N	09134E	1405		855.6	1016.1	3.0	- .9	4.1	.3	01	1	-4	2		
44225 TOSONTSENGEL	4844N	09812E	1723		825.5	1021.0	- .7	1.9			5	9	1	4		
44230 TARIALAN	4934N	10200E	1235		876.2	1019.3	2.5	.9	3.2	-.1	2	3	-4	2		
44231 MUREN	4934N	10010E	1283		869.0	1017.7	2.0	.6	2.9	-.3	5	14	7	5		
44232 HUTAG	4923N	10242E	938		907.0	1017.8	3.8	.8	4.6	.9	1	5	-3	2		
44237 ERDENEMANDAL	4832N	10123E	1509		845.0	1016.3	1.4	.9	4.3	.8	1	2	-7	2		
44239 BULGAN	4848N	10333E	1208		875.6	1015.3	2.6	1.6	4.2	1.0	2	5	-5	2		
44241 BARUUNKHARAA	4855N	10604E	807		920.6	1016.1	4.9	2.5	4.9	1.4	2	10	2	4		
44256 DASHBALBAR	4933N	11424E	705		928.4	1012.1	4.2	2.8	4.9	2.0	3	6	-7	1		
44259 CHOIBALSAN	4805N	11433E	747		925.1	1012.9	4.9	2.3	3.5	.2	2	8	2	4		
44265 BAITAG	4607N	09128E	1186		887.6	1025.9	3.9	-2.0	4.5	.0	3	14	10	5		
44272 ULIASTAI	4745N	09651E	1759		818.9	1015.0	.7	.2	3.0	-.2	1	7	-2	3	250	94
44275 BAYANBULAG	4650N	09805E	2255		770.4	1017.4	-2.2	.7	3.6	.6	3	10	5	3		
44277 ALTAI	4624N	09615E	2181		776.8	1021.0	2.1	2.6	4.2	1.1	3	9	-1	3		
44282 TSETSERLEG	4727N	10128E	1691		826.4	1016.1	1.7	.7	2.9	-.2	2	13	-3	2		
44284 GAIUUT	4642N	10008E	2126		783.9	1015.7	-1.9	.0	2.9	.3	5	14	7	5		
44285 HUJIRT	4654N	10246E	1662		829.4	1014.4	2.0	1.6	3.8	.3	1	5	-4	2		
44287 BAYANHONGOR	4608N	10041E	1859		809.6	1016.0	1.9	1.0			4	9	1	4		
44288 ARVAIHEER	4616N	10247E	1813		813.7	1014.8	2.5	1.2	4.4	1.4	3	5	-2	3		
44292 ULAAN-BAATOR	4755N	10652E	1306		866.0	1015.8	3.1	2.8	3.7	.5	1	3	-5	3	243	93
44294 MAANTI	4718N	10729E	1430		852.4	1014.7	2.3	2.4			2	4	-1	3		
44298 CHOIR	4627N	10813E	1286		867.1	1013.6	4.1	1.8			2	5	1	4		
44302 BAYAN-OVOO	4747N	11207E	926		909.5	1013.1	3.8	1.6			3	20	10	4		
44304 UNDERKHAAN	4719N	11038E	1033		892.9	1012.4	4.0	1.7			2	13	6	2		
44305 BARUUN-URT	4641N	11317E	981		900.2	1014.6	4.9	1.9	4.6	1.1	2	24	18	5		
44313 KHALKH-GOL	4737N	11837E	688		931.8	1013.6	4.6	2.3	3.7	.0	4	19	9	5		
44336 SAIKHAN-OVOO	4527N	10354E	1316		865.7	1016.0	5.0	.8	2.9	-.1	3	6	4	1		
44341 MANDALGOVI	4546N	10617E	1393		856.8	1015.8	4.3	1.7	2.9	-.5	1	6	3	5		
44347 TSOGT-OVOO	4425N	10519E	1298		867.6	1015.3	6.2	.8	2.9	-.7	1	8	4	5		
44352 BAYANDELGER	4544N	11222E	1101		887.6	1012.9	5.5	1.9	4.1	.6	4	13	7	3		
44358 ZAMYN-UUD	4344N	11154E	964		902.9	1013.8	8.0	2.1	5.4	1.6	6	14	11	5		
44373 DALANZADGAD	4335N	10425E	1465		849.9	1014.0	6.8	.7	3.5	-.1	2	4	-1	3		
AFRICA																
SUDAN																

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	
62600	WADI HALFA	2149N	03129E	183		988.3	1009.1	28.2	.5	8.1		0	0	-T	5	319	85
62640	ABU HAMED	1932N	03319E	312		972.2	1007.0	30.8	.9	5.8		0	0	-1	5	343	90
62641	PORT SUDAN	1935N	03713E	2		1005.1	1009.9	26.8	.3	21.4		0	0	-1	5	313	85
62650	DONGOLA	1910N	03029E	226		982.5	1008.9	30.7	2.2	5.6		0	0	-T	5	331	85
62660	KARIMA	1833N	03151E	249		978.5	1007.7	30.6	.5	5.0		0	0	-T	5	355	90
62680	ATBARA	1742N	03358E	345		966.6	1004.9	31.0	.1	7.8		0	0	-1	5	338	90
62721	KHARTOUM	1536N	03233E	380		961.7	1004.4	32.2	.3	6.5		0	0	-1	5		
62730	KASSALA	1528N	03624E	500		946.3	1000.5	33.5	1.6	10.1		0	0	-2	5	315	85
62751	WAD MEDANI	1424N	03329E	408		961.1	1005.7	30.3	-1.0	10.0		0	0	-1	5	319	85
62752	GEDAREF	1402N	03524E	599		938.9	1003.5	34.3	2.0	13.5		0	0	-3	5	321	90
62760	EL FASHER	1337N	02520E	730		926.1	1005.0	30.1	2.0	6.2		0	0	-1	5	284	80
62762	SENNAR	1333N	03337E	418		957.3	1003.0	32.2	.9	11.9		1	2	2	4	313	85
62770	GENEINA	1329N	02227E	805		920.7	1007.2	31.1	2.1	5.0		0	0	-5	5	295	80
62771	EL OBEID	1310N	03014E	574		942.9	1005.3	31.6	1.3	6.8		0	0	-1	5	291	80
62772	KOSTI	1310N	03240E	381		963.1	1004.9	33.0	1.0	9.4		1	6	5	4	325	80
62781	EN NAHUD	1242N	02826E	564		946.0	1007.8	30.0	-.4	15.0		0	T	-1	5	303	80
62790	NYALA	1203N	02453E	674		936.7	1006.7	31.5	2.1	5.4		1	3	1	4		
62795	ABU NA'AMA	1244N	03408E	445		955.4	1003.7	33.3	1.2	9.5		0	0	-2	5	311	85
62805	DAMAZINE	1147N	03423E	470		951.9	1003.0	32.5	.3	10.7		1	2	-10	4	293	80
62810	KADUGLI	1100N	02943E	499		951.6	1005.0			9.9		1	2	-8	4	283	80
62840	MALAKAL	0933N	03139E	388		963.1	1005.8	33.0	1.5	13.7		2	15	-4	2	256	70
62941	JUBA	0452N	03136E	457		955.0	1006.2	31.1	1.9	2.3		8	71	-20	1	167	55
S AMERICA																	
CHILE																	
85672	CHILLAN	3635S	07202W	148								2	18	-36	2	186	95
85782	OSORNO	4036S	07303W	58								6	77	-28	2		
SW PACIFIC																	
PHILIPPINES																	
98223	LAOAG	1811N	12032E	5		1010.1	1010.7	29.0	2.5	29.8	1.3	1	8	-62	4	315	
98233	TUGUEGARAO	1737N	12144E	62		1003.8	1010.9	28.8	1.2			2	5	-22	1	156	
98325	DAGUPAN	1603N	12020E	2		1008.8	1009.1	29.0	-.7	31.7	3.4	2	13	-44	4		
98328	BAGUIO	1625N	12036E	1501		852.8	1009.1					6	47	-10	5		
98330	CABANATUAN	1529N	12058E	32		1007.5	1010.7	30.8	1.1	29.8	1.5	2	12	-45			
98429	NINOY AQUINO INTER- NATIONAL	1431N	12100E	15		1008.3	1010.7	30.5	1.4								
98430	SCIENCE GARDEN	1438N	12101E	46		1002.2	1007.0	29.5	.4			6	21	12	4		
98444	LEGASPI	1308N	12344E	17		1008.9	1010.8	28.5	1.0	31.7	1.9	12	105	-48	2		
98550	TACLOBAN	1115N	12500E	3		1008.6	1008.9	29.0	1.5	31.7	2.3	7	52	-66	1	277	
98644	TAGBILARAN	0936N	12351E	8		1008.9	1009.8	29.1	.2	29.8	.9	4	25	-22	1		
98646	MACTAN	1018N	12358E	24		1007.8	1009.2	29.4	.6	31.7	1.9	1	3	-26	1		
98836	ZAMBOANGA	0654N	12204E	6		1009.0	1009.8	28.9	.9	29.8	.5	1	8	-45	1	251	

UPPER AIR

MAY 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
EUROPE - NORWAY JAN MAYEN 01001 MAY 2003 7056N 00840W OB 3									EUROPE - NORWAY BJORNOYA 01028 MAY 2003 7431N 01901E OB 3									EUROPE - NORWAY BODO 01152 MAY 2003 6715N 01424E OB 3									
030	24112	0	-45.5	34.4	0	94	105	7	030	24153	0	-44.3	35.4	0	82	98	5	030	24093	0	-47.1	32.4	0	89	101	6	
050	20721	0	-46.5	33.7	0	62	111	3	050	20743	0	-45.8	35.0	0	37	93	2	050	20721	0	-48.3	31.9	0	67	117	3	
100	16124	0	-46.4	32.8	0	26	206	1	100	16137	0	-46.3	34.5	0	61	248	3	100	16161	0	-47.9	32.0	0	67	231	5	
150	13431	0	-46.2	33.0	0	26	249	2	150	13439	0	-45.6	34.5	0	68	243	5	150	13482	0	-46.7	31.3	0	72	232	7	
200	11520	0	-46.8	31.0	0	23	281	2	200	11525	0	-46.5	33.1	0	67	242	6	200	11572	0	-46.2	29.3	0	68	229	9	
300	8858	0	-49.9	14.2	0	9	318	1	300	8866	0	-49.8	14.4	0	54	247	7	300	8908	0	-49.3	13.6	0	54	228	11	
500	5383	0	-28.6	10.1	0	24	318	2	500	5382	0	-28.6	11.2	0	55	260	5	500	5419	0	-27.6	7.8	0	50	230	7	
700	2895	0	-13.0	11.0	0	19	292	1	700	2892	0	-12.7	10.9	0	54	275	4	700	2917	0	-11.1	7.2	0	56	230	5	
850	1395	0	-6.4	8.1	0	17	352	1	850	1390	0	-6.2	8.9	0	36	309	3	850	1400	0	-1.8	4.4	0	65	214	5	
1013	* 9		-6	2.6					1011	* 18		-1.6	1.8						1007	* 33		7.6	5.5				
EUROPE - NORWAY ORLAND 01241 MAY 2003 6342N 00936E OB 3									EUROPE - NORWAY STAVANGER/SOLA 01415 MAY 2003 5852N 00540E OB 3									EUROPE - SWEDEN SUNDSVALL-HARNOSAND FPL 02365 MAY 2003 6232N 01727E OB 3									
030	24052	0	-48.6	31.2	0	89	99	6	030	24002	0	-50.5	30.1	0	91	100	6	030	24050	25	-49.8	33.9	9	92	103	7	
050	20706	0	-49.8	30.6	0	44	124	2	050	20684	0	-51.4	29.3	0	48	161	2	050	20702	13	-51.0	32.5	9	52	139	2	
100	16169	0	-49.2	30.1	0	66	222	5	100	16179	0	-50.7	29.1	0	82	235	6	100	16184	7	-50.5	32.2	7	81	236	7	
150	13500	0	-47.3	30.2	0	74	230	9	150	13530	0	-49.0	28.8	0	87	236	10	150	13540	6	-48.9	32.7	6	80	242	11	
200	11596	0	-46.8	28.9	0	76	236	11	200	11643	0	-49.5	25.1	0	87	241	15	200	11649	6	-49.3	29.3	6	82	244	16	
300	8934	0	-49.4	12.8	0	66	235	16	300	8999	0	-48.6	11.6	0	79	236	20	300	9008	6	-48.9	13.3	6	77	242	23	
500	5438	0	-27.0	10.9	0	64	237	9	500	5478	0	-24.9	11.0	0	76	238	13	500	5486	6	-25.1	11.4	6	78	246	13	
700	2928	0	-10.4	7.7	0	63	240	6	700	2950	0	-8.6	8.6	0	72	234	8	700	2957	6	-8.9	9.4	6	74	241	8	
850	1407	0	-1.1	4.4	0	62	235	5	850	1421	0	-3	4.1	0	63	214	6	850	1427	6	.4	6.3	6	55	239	5	
1009	* 10		9.0	5.3					1008	* 14		9.4	3.5						1011	* 6		7.6	5.1				
EUROPE - SWEDEN GOTEBORG/LANDVETTER 02527 MAY 2003 5740N 01218E OB 3									EUROPE - FINLAND SODANKYLA 02836 MAY 2003 6722N 02639E OB 3									EUROPE - FINLAND JYVASKYLA 02935 MAY 2003 6224N 02541E OB 3									
030	24002								030	24106	1	-47.1	34.0	1	88	92	6	030	24070	4	-49.0	32.5	4	93	90	7	
050	20702	20	-52.7	28.5	9	37	183	2	050	20729	0	-48.3	33.6	1	45	101	2	050	20705	0	-51.1	31.4	0	48	97	2	
100	16205	5	-52.4	28.6	7	80	229	8	100	16172	0	-48.9	33.4	0	60	256	4	100	16206	0	-51.3	31.8	0	74	254	6	
150	13586	2	-51.1	27.8	2	87	240	13	150	13505	0	-47.8	33.3	0	74	247	8	150	13562	0	-49.7	32.2	0	78	253	10	
200	11716	0	-52.3	21.4	0	87	240	19	200	11605	0	-47.8	32.0	0	77	248	10	200	11682	0	-51.0	26.1	0	77	252	15	
300	9086	0	-47.7	11.2	0	83	239	22	300	8951	0	-49.1	13.2	0	60	239	13	300	9051	0	-48.1	11.4	0	72	254	21	
500	5538	0	-22.9	10.4	1	84	240	15	500	5445	0	-26.1	9.4	0	57	237	9	500	5510	0	-23.8	9.2	0	62	252	11	
700	2986	0	-6.6	11.1	1	87	237	11	700	2930	0	-10.1	7.0	0	51	243	5	700	2970	0	-7.6	7.6	0	59	247	8	
850	1444	0	1.6	5.0	1	81	241	9	850	1408	0	-1.1	3.6	0	38	229	3	850	1433	0	1.6	4.5	0	49	236	6	
1000	* 155		10.9	5.0					989	* 179		6.7	6.0						995	* 145		10.2	6.7				

UPPER AIR

MAY 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 - FINLAND JOKIOINEN 02963 MAY 2003 6049N 02330E OB 3									EUROPE - UNITED KINGDOM LERWICK 03005 MAY 2003 6008N 00111W OB 3									EUROPE - UNITED KINGDOM CAMBORNE 03808 MAY 2003 5013N 00519W OB 3								
030	24031	5	-50.0	30.6	5	90	98	7	030	24019	0	-49.9		0	92	101	7	030	23963	0	-53.7		0	34	113	2
050	20710	0	-51.8	29.9	0	57	122	3	050	20690	0	-50.7		0	59	134	3	050	20686	0	-53.8		0	49	214	3
100	16215	0	-51.7	29.2	0	71	243	7	100	16165	0	-49.5		0	74	228	5	100	16252	0	-54.9		0	89	260	9
150	13580	0	-50.4	28.2	0	79	250	11	150	13502	0	-47.7		0	81	238	8	150	13651	0	-53.8		0	88	264	15
200	11707	0	-52.0	20.3	0	77	249	17	200	11601	0	-47.5		0	80	244	11	200	11808	0	-55.2		0	85	270	21
300	9084	0	-48.1	10.6	0	69	246	22	300	8939	0	-48.6		0	71	246	13	300	9188	0	-45.8		0	78	271	24
500	5531	0	-22.6	9.4	0	66	246	13	500	5439	0	-26.3	9.0	0	67	242	8	500	5599	0	-20.3	12.0	0	83	264	17
700	2981	0	-6.5	10.6	0	69	249	9	700	2919	0	-9.1	8.9	0	56	222	6	700	3027	0	-4.4	14.3	0	81	256	12
850	1440	0	1.8	5.2	0	55	251	6	850	1391	0	-6	4.1	0	44	196	4	850	1475	0	3.0	5.4	0	81	255	9
1001	* 103		9.6	5.1					999	* 84		8.3	2.9					1006	* 88		11.5	2.4				
EUROPE - IRELAND VALENTIA OBSERVATORY 03953 MAY 2003 5156N 01015W OB 3									EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 MAY 2003 6358N 02236W OB 3									EUROPE - GREENLAND AASIAAT (EGEDESMINDE) 04220 MAY 2003 6842N 05251W OB 3								
030	23957	0	-52.9	29.7	0	53	109	3	030	24043	1	-48.3	34.2	2	97	93	7	030	24076	0	-46.2	32.6	0	91	91	7
050	20669	0	-53.4	29.3	0	43	209	2	050	20685	0	-48.9	34.2	1	60	115	2	050	20693	0	-47.3	32.2	0	67	95	3
100	16217	0	-54.0	28.6	0	88	262	9	100	16128	0	-48.1	34.3	0	32	255	2	100	16116	0	-48.3	32.1	0	50	275	3
150	13605	0	-52.3	26.8	0	88	266	16	150	13456	0	-47.3	33.8	0	40	286	3	150	13441	0	-46.7	32.7	0	61	258	5
200	11750	0	-53.6	20.4	0	86	269	22	200	11554	0	-47.5	29.8	0	44	302	4	200	11533	0	-46.8	30.9	0	64	258	7
300	9121	0	-46.1	12.3	0	80	270	26	300	8891	0	-48.6	15.2	0	24	307	4	300	8866	0	-48.2	15.0	0	59	251	11
500	5548	0	-21.4	11.7	0	82	264	17	500	5403	0	-28.3	9.8	0	13	337	2	500	5372	0	-28.5	8.3	0	54	233	7
700	2988	0	-5.7	11.7	0	81	258	12	700	2906	0	-11.5	10.7	0	13	81	1	700	2885	0	-13.5	8.7	0	64	206	6
850	1445	0	1.6	3.1	0	75	257	9	850	1393	0	-3.1	6.9	0	32	114	3	850	1387	0	-6.5	6.3	0	66	190	5
1010	* 30		11.3	3.1					1006	* 54		6.2	5.8					1008	* 41		.1	2.8				
EUROPE - DENMARK & FAROE IS. THORSHAVN 06011 MAY 2003 6201N 00646W OB 3									EUROPE - BELGIUM UCCLE 06447 MAY 2003 5048N 00421E OB 3									EUROPE - SWITZERLAND PAYERNE 06610 MAY 2003 4649N 00657E OB 3								
030	24034	0	-49.1	31.6	0	96	100	6	030	23923	5	-53.7	31.5	5	43	103	3	030	23946	0	-55.1		1	33	97	2
050	20690	0	-49.8	30.9	0	74	114	3	050	20679	5	-54.5	30.5	5	31	213	2	050	20701	0	-56.7		0	31	256	2
100	16144	0	-48.5	30.9	0	67	225	4	100	16263	2	-54.8	29.8	2	91	244	9	100	16307	0	-56.8		0	83	245	7
150	13471	0	-47.1	30.7	0	68	241	6	150	13663	2	-53.4	28.1	2	87	250	13	150	13735	0	-56.3		0	79	255	11
200	11564	0	-46.7	28.8	0	64	248	7	200	11822	2	-55.5	17.4	2	79	252	18	200	11920	0	-58.9	9.9	0	75	256	15
300	8897	0	-49.4	13.7	0	42	245	7	300	9209	2	-46.1	10.8	2	78	247	21	300	9316	0	-45.3	10.9	0	65	249	16
500	5411	0	-27.3	10.0	0	36	227	4	500	5622	1	-20.2	10.4	1	83	242	14	500	5699	0	-17.8	15.0	0	70	246	11
700	2903	0	-10.3	8.3	0	20	179	2	700	3045	1	-3.8	9.5	1	84	242	11	700	3100	0	-1.2	10.1	0	74	228	7
850	1383	0	-2.4	3.4	0	29	100	3	850	1488	1	4.6	4.2	1	87	248	9	850	1523	0	8.6	5.9	0	50	232	4
1002	* 55		7.0	3.1					1005	* 104								961	* 491		14.7	5.1				

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	°C	°C	%	°	mps	hPa	gpm	°C	°C	%	°
EUROPE - FRANCE NANCY/ESSEY 07180 MAY 2003 4841N 00613E OB 3									EUROPE - FRANCE NIMES/COURBESSAC 07645 MAY 2003 4352N 00424E OB 3									EUROPE - FRANCE AJACCIO 07761 MAY 2003 4155N 00848E OB 3																					
030	23960	10	-54.1		9	36	106	2	030									030	23933	8	-55.5									050	20699	5	-58.3		9	33	176	2	
050	20702	4	-55.6		5	27	222	2	050	20707	4	-57.2		4	27	279	2	050	20699	5	-58.3										100	16344	4	-58.3		7	63	260	5
100	16287	1	-55.9		1	82	246	7	100	16331	4	-58.4		4	78	266	7	100	16344	4	-58.3									150	13791	4	-58.0		6	71	261	9	
150	13706	1	-55.4		1	85	253	12	150	13774	4	-57.8		4	79	273	12	150	13791	4	-58.0									200	11998	5	-61.2		6	54	260	11	
200	11883	1	-58.0		1	74	257	16	200	11974	4	-59.7		4	68	270	14	200	11998	5	-61.2									300	9396	4	-43.7		6	53	247	10	
300	9282	1	-45.4		1	69	253	17	300	9367	4	-44.0		4	54	259	11	300	9396	4	-43.7									500	5751	4	-15.3	14.3	5	46	265	7	
500	5678	1	-18.8	11.2	1	77	244	12	500	5731	4	-16.0	10.4	4	47	246	8	500	5751	4	-15.3	14.3								700	3084	1	-2.1	10.1	1	78	234	9	
700	3084	1	-2.1	10.1	1	78	234	9	700	3113	4	.5	12.0	4	32	267	4	700	3123	4	2.1	14.4	5	21	274	2													
850	1516	1	6.5	5.2	1	67	246	5	850	1527	4	9.9	10.0	4	13	60	1	850	1525	4	12.3	12.1	5	18	195	1													
994	* 217		18.2	8.3					1011	* 62		16.1	6.4					1016	* 9		22.0	7.4																	
EUROPE - SPAIN LA CORUNA 08001 MAY 2003 4322N 00825W OB 3									EUROPE - SPAIN SANTANDER 08023 MAY 2003 4328N 00348W OB 3									EUROPE - SPAIN MADRID/BARAJAS 08221 MAY 2003 4030N 00335W OB 3																					
030	23928	29	-55.3	30.5	9		12	0	030	23951	9	-55.3		9	36	280	2	030	23941	1	-55.4	31.6	3	56	97	2													
050	20602	24	-57.5	29.8	9	34	221	1	050	20707	3	-56.6		5	64	224	2	050	20706	1	-57.6	31.0	1	28	118	1													
100	16258	18	-59.5	28.1	9	83	272	5	100	16329	1	-58.4		2	83	268	5	100	16362	1	-56.0	33.9	1	83	273	4													
150	13721	17	-59.4	21.2	9	78	278	7	150	13781	1	-58.4		1	85	273	7	150	13825	1	-59.0	18.8	1	81	282	6													
200	11929	15	-60.3	11.4	9	71	281	9	200	11984	1	-60.4		1	76	282	9	200	12031	1	-59.5	14.5	1	67	293	7													
300	9327	9	-44.0	12.5	9	64	285	8	300	9373	1	-43.6	11.1	1	55	257	8	300	9408	1	-42.9	13.3	1	52	300	6													
500	5695	3	-16.9	17.0	4	69	273	6	500	5730	1	-15.5	13.0	1	64	276	5	500	5753	1	-14.8	18.6	1	58	288	4													
700	3082	1	-2.3	14.8	4	56	293	4	700	3123	1	-.3	14.3	1	60	286	3	700	3124	1	1.6	16.1	1	36	295	2													
850	1517	1	5.2	12.1	7	36	290	2	850	1534	1	7.4	10.1	1	59	267	2	850	1532	1	11.8	11.1	3	15	38	1													
1013	* 67		15.2	5.1					1015	* 59		14.9	2.9					945	* 633		19.2	12.4																	
EUROPE - SPAIN MURCIA 08430 MAY 2003 3800N 00110W OB 3									EUROPE - GIBRALTAR GIBRALTAR 08495 MAY 2003 3609N 00520W OB 3									EUROPE - PORTUGAL LAJES/SANTA RITA (ACORES) 08508 MAY 2003 3844N 02704W OB 3																					
030	23931	29	-55.7	30.8	9	50	121	2	030	23935	0	-55.4	29.9	0	41	108	2	030	24110																				
050	20710	12	-58.9	30.5	9	25	132	1	050	20711	0	-59.0	27.3	0	22	97	1	050	20724	17	-58.9																		
100	16395	9	-60.7	29.5	9	84	270	5	100	16404	0	-61.6	21.7	1	91	274	10	100	16405	2	-61.8																		
150	13856	7	-59.7	21.9	7	87	275	7	150	13884	0	-60.4	15.1	0	89	272	14	150	13902	0	-59.2																		
200	12060	4	-59.3	14.9	4	74	278	7	200	12095	0	-60.0	11.6	0	74	285	13	200	12136	0	-60.6																		
300	9436	1	-42.7	14.5	4	59	282	5	300	9461	0	-41.8	13.7	0	62	289	10	300	9497	0	-40.4	10.7																	
500	5774	1	-14.2	17.5	4	60	275	4	500	5789	0	-13.3	19.2	0	57	285	6	500	5805	0	-12.8	18.2																	
700	3137	1	2.8	13.0	4	46	276	2	700	3139	0	4.8	20.8	0	43	266	3	700	3157	0	3.1	17.3																	
850	1537	1	12.1	10.9	4	8	14	1	850	1531	0	12.9	13.1	0	55	93	5	850	1563	0	9.7	12.4																	
1011	* 62		20.8	9.1					1018	* 4		19.7	5.6					1010	* 113		18.1	6.4																	

UPPER AIR

MAY 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 - GERMANY SCHLESWIG 10035 MAY 2003 5432N 00933E OB 3									EUROPE - GERMANY GREIFSWALD 10184 MAY 2003 5406N 01324E OB 3									EUROPE - GERMANY EMDEN-FLUGPLATZ 10200 MAY 2003 5323N 00714E OB								
030	23991	0	-52.8		0	72	104	4	030	23998	0	-52.9		0	67	101	4	030	23991	0	-53.1		0	64	100	4
050	20702	0	-53.7		0	43	186	2	050	20713	0	-54.1		0	32	191	1	050	20709	0	-54.1		0	43	194	2
100	16242	0	-53.3	30.5	0	88	234	8	100	16263	0	-53.8	31.2	0	82	238	8	100	16253	0	-53.8	29.7	0	89	237	8
150	13627	0	-52.2	29.2	0	91	239	13	150	13657	0	-53.1	28.0	0	88	241	13	150	13641	0	-52.7	26.5	0	91	241	13
200	11772	0	-54.2	20.9	0	86	239	18	200	11812	0	-55.8	19.0	0	86	242	18	200	11788	0	-54.5	18.6	0	85	241	17
300	9152	0	-47.2	11.0	0	81	243	21	300	9197	0	-46.8	11.6	0	84	240	22	300	9167	0	-46.9	10.9	0	79	242	20
500	5586	0	-21.8	11.0	0	87	240	16	500	5619	0	-20.6	12.2	0	91	242	17	500	5597	0	-21.1	10.4	0	86	238	16
700	3022	0	-5.1	13.1	0	90	237	12	700	3044	0	-4.0	11.8	0	90	242	11	700	3028	0	-4.7	12.1	0	87	238	11
850	1473	0	2.9	5.9	0	88	239	10	850	1486	0	4.9	9.5	0	83	242	8	850	1477	0	3.5	5.5	0	88	238	8
1011	* 48		12.4	4.3					1017	* 6		14.0	5.2					1016	* 5		12.8	3.9				
EUROPE - GERMANY BERGEN 10238 MAY 2003 5249N 00956E OB									EUROPE - GERMANY LINDENBERG 10393 MAY 2003 5213N 01407E OB 3									EUROPE - GERMANY ESSEN 10410 MAY 2003 5124N 00658E OB 3								
030	23959	0	-53.7		0	75	97	4	030	23997	0	-53.0		0	63	97	4	030	23964	1	-53.6	26.8	2	51	93	3
050	20683	0	-54.6		0	33	185	2	050	20717	0	-54.6		0	15	180	1	050	20681	0	-54.8	26.4	1	34	216	2
100	16246	0	-54.4	10.4	0	85	235	8	100	16283	0	-54.7	31.6	0	82	240	8	100	16256	0	-54.6	25.6	1	87	239	8
150	13647	0	-53.3	9.7	0	88	244	12	150	13686	0	-54.2	29.1	0	86	243	12	150	13656	0	-53.7	23.3	1	88	245	13
200	11806	0	-55.7	9.0	0	83	244	17	200	11853	0	-57.5	16.4	0	86	242	18	200	11815	0	-56.2	16.2	1	81	247	18
300	9193	0	-46.7	8.6	0	82	246	21	300	9246	0	-46.5	9.9	0	82	236	20	300	9202	0	-46.4	10.9	1	78	246	21
500	5618	0	-20.6	7.7	0	88	241	16	500	5655	0	-19.5	10.8	0	89	241	14	500	5621	0	-20.6	9.5	1	84	241	16
700	3047	0	-4.3	7.3	0	90	239	11	700	3069	0	-2.7	9.6	0	88	245	9	700	3047	0	-4.3	9.3	1	90	236	12
850	1491	0	4.5	4.3	0	83	240	8	850	1503	0	6.4	7.5	0	76	244	6	850	1491	0	4.3	5.9	1	82	239	8
1009	* 69		13.4	6.2					1004	* 104		16.1	8.6					1000	* 153		13.9	5.5				
EUROPE - GERMANY MEININGEN 10548 MAY 2003 5034N 01023E OB 3									EUROPE - GERMANY STUTTART/SCHNARRENBERG 10739 MAY 2003 4850N 00912E OB 3									EUROPE - GERMANY MUENCHEN-OBERSCHLEISSHEIM 10868 MAY 2003 4815N 01133E OB 3								
030	23971	0	-53.7		0	56	92	4	030	23945	0	-53.9	29.6	0	53	84	4	030	23959	0	-54.3		0	55	92	4
050	20707	0	-55.2		0	29	227	1	050	20702	0	-55.9	28.9	0	25	267	1	050	20703	0	-56.3		0	20	244	1
100	16280	0	-55.1	29.6	0	86	240	8	100	16295	0	-55.9	28.0	0	79	247	7	100	16302	0	-56.2	30.0	0	80	246	7
150	13691	0	-54.7	25.8	0	87	244	12	150	13713	0	-55.5	24.8	0	80	249	11	150	13726	0	-56.0	25.8	0	84	251	11
200	11860	0	-57.6	15.7	0	83	246	17	200	11890	0	-58.5	13.7	0	75	250	15	200	11910	0	-59.4	15.0	0	74	254	14
300	9253	0	-46.0	11.6	0	79	246	18	300	9287	0	-45.6	9.9	0	73	248	17	300	9305	0	-45.4	11.3	0	71	254	15
500	5660	0	-19.6	12.3	0	85	241	13	500	5681	0	-18.8	10.5	0	77	245	12	500	5695	0	-18.3	12.1	0	75	239	10
700	3074	0	-2.7	8.9	0	85	242	9	700	3089	0	-2.3	7.6	0	77	243	8	700	3097	0	-1.4	8.8	0	74	251	7
850	1507	0	6.7	6.2	0	70	235	6	850	1517	0	7.7	6.1	0	59	248	5	850	1519	0	9.2	8.0	0	53	253	4
965	* 453		13.5	5.1					981	* 315		15.7	7.6					962	* 489		15.3	5.2				

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	°C	°C
EUROPE - AUSTRIA WIEN/HOHE WARTE 11035 MAY 2003 4814N 01621E OB 3									EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 MAY 2003 5000N 01427E OB 3									EUROPE - SLOVAKIA POPRAD-GANOVCE 11952 MAY 2003 4902N 02019E OB 3												
030	23946	13	-54.3		9	53	91	3	030	23959	0	-54.0	31.8	0	48	87	3	030	23958	0	-53.9	31.5	0	46	74	3				
050	20690	12	-56.5		9	6	250	0	050	20698	0	-55.4	31.5	0	15	280	1	050	20700	0	-56.1	30.7	0	16	336	1				
100	16304	9	-56.7		9	69	252	5	100	16290	0	-55.9	31.5	0	77	243	7	100	16308	0	-56.7	30.4	0	62	252	5				
150	13733	9	-56.6		9	77	247	9	150	13709	0	-55.5	28.5	0	83	245	11	150	13738	0	-56.8	27.4	0	68	249	8				
200	11926	9	-60.3		9	75	251	13	200	11891	0	-59.1	13.4	0	79	245	15	200	11932	0	-60.7	10.8	0	64	247	11				
300	9326	8	-45.1		8	64	239	12	300	9290	0	-45.7	10.7	0	77	240	15	300	9338	0	-45.2	10.5	0	58	248	11				
500	5706	0	-17.2	13.3	0	75	242	9	500	5686	0	-18.5	12.2	0	78	241	10	500	5718	0	-12.7	23.3	0	64	243	8				
700	3098	0	-.3	10.0	0	63	263	5	700	3092	0	-1.5	9.5	0	79	256	7	700	3107	0	.3	11.7	0	61	234	6				
850	1515	0	10.1	9.1	0	44	284	3	850	1516	0	8.4	6.8	0	50	250	3	850	1521	0	10.3	7.0	0	27	243	2				
993	* 200		18.1	6.6					982	* 303		16.8	7.9					937	* 706		15.3	7.7								
EUROPE - POLAND LEBA 12120 MAY 2003 5445N 01732E OB 3									EUROPE - POLAND LEGIONOWO 12374 MAY 2003 5224N 02058E OB 3									EUROPE - POLAND WROCLAW I 12425 MAY 2003 5108N 01659E OB 3												
030	23992	0	-52.0	30.2	0	75	92	4	030	23966	0	-53.0	31.7	0	70	77	4	030	23942	0	-53.6	31.9	0	49	78	3				
050	20705	0	-53.9	29.1	0	28	146	1	050	20696	0	-55.1	30.9	0	3	159	0	050	20681	0	-55.4	31.2	0	17	215	1				
100	16261	0	-54.0	29.4	0	80	241	8	100	16280	0	-55.5	31.0	0	72	244	6	100	16270	0	-55.6	31.4	0	78	248	7				
150	13655	0	-53.3	28.1	0	84	244	12	150	13695	0	-55.2	27.9	0	76	247	10	150	13688	0	-55.4	28.0	0	83	248	11				
200	11814	0	-56.7	16.4	0	81	246	18	200	11876	0	-59.4	12.9	0	75	250	15	200	11871	0	-59.2	13.4	0	77	246	15				
300	9209	0	-46.7	8.2	0	76	240	23	300	9282	0	-46.0	9.9	0	68	247	16	300	9275	0	-46.1	9.6	0	72	234	16				
500	5626	0	-20.1	11.1	0	84	244	15	500	5679	0	-18.2	11.7	0	78	247	12	500	5675	0	-18.7	10.7	0	82	242	12				
700	3047	0	-3.7	10.9	0	87	248	11	700	3081	0	-1.4	11.0	0	76	249	8	700	3083	0	-1.9	10.6	0	81	254	7				
850	1488	0	5.1	9.9	0	73	246	7	850	1509	0	7.2	6.9	0	53	250	4	850	1511	0	7.6	7.9	0	59	245	4				
1017	* 2		12.4	4.9					1006	* 96		16.0	7.7					1003	* 116		15.9	6.2								
EUROPE - HUNGARY BUDAPEST/LORINC 12843 MAY 2003 4726N 01911E OB 3									EUROPE - HUNGARY SZEGED 12982 MAY 2003 4615N 02006E OB									EUROPE - YUGOSLAVIA BEOGRAD/KOSUTNJAK 13275 MAY 2003 4446N 02025E OB 1												
030	23960	4	-54.2		6	64	83	4	030	23942	4	-54.9		4	56	68	3	030												
050	20707	3	-56.6		5	9	26	1	050	20698	3	-57.2		3	6	256	0	050												
100	16322	2	-57.0		9	52	256	4	100	16325	2	-57.6		2	70	258	5	100	16332	1	-57.9		1	66	259	5				
150	13754	2	-57.1		4	66	247	7	150	13765	2	-57.8		3	63	264	7	150	13774	0	-58.0		0	66	266	6				
200	11949	2	-60.9		2	60	250	10	200	11968	1	-61.4		3	52	267	8	200	11975	0	-61.2		0	48	273	7				
300	9354	2	-45.2	9.9	2	55	241	9	300	9373	0	-44.9	8.4	0	49	240	7	300	9381	0	-44.6		0	28	260	4				
500	5729	2	-16.7	15.2	2	58	239	7	500	5741	0	-16.2	13.7	0	42	243	5	500	5745	0	-15.9	14.8	0	33	255	3				
700	3115	2	.5	11.6	2	58	240	5	700	3122	0	1.2	10.7	0	39	231	3	700	3122	0	1.4	11.2	0	24	259	2				
850	1525	2	11.2	10.3	4	39	231	3	850	1526	0	12.5	12.4	0	28	230	2	850	1525	0	12.8	10.4	0	18	299	1				
1000	* 139		20.6	11.0					1007	* 83		15.1	4.2					992	* 203		18.5	7.9								

UPPER AIR

MAY 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 - CROATIA ZAGREB/MAKSIMIR 14240 MAY 2003 4549N 01602E OB 3									EUROPE - ROMANIA BUCURESTI/IMH 15420 MAY 2003 4430N 02608E OB 1									EUROPE - ITALY MILANO/LINATE 16080 MAY 2003 4526N 00917E OB 3								
030	23934	0	-54.8		0	60	63	4	030									030	23935	0	-55.2	27.3	0	48	76	3
050	20691	0	-57.2		0	23	336	1	050	20683	7	-58.1	31.4	8	28	104	1	050	20694	0	-57.0	26.5	0	33	272	2
100	16316	0	-57.6		0	64	256	5	100	16334	1	-58.2	31.0	1	54	260	4	100	16309	0	-57.4	25.9	0	79	250	7
150	13753	0	-57.2		0	69	254	8	150	13780	1	-58.0	25.6	1	51	278	5	150	13745	0	-56.8	23.3	0	76	256	10
200	11953	0	-60.9		0	63	252	10	200	11979	1	-61.0	9.3	1	34	331	4	200	11938	0	-60.2	10.6	0	67	258	13
300	9355	0	-45.0		0	54	247	9	300	9386	1	-45.1	10.6	1	25	2	3	300	9340	0	-44.9	9.2	0	62	252	13
500	5731	0	-16.5	15.6	0	56	240	6	500	5760	1	-16.5	14.1	1	16	27	1	500	5713	0	-16.8	12.8	0	63	247	9
700	3116	0	.6	13.0	0	47	227	4	700	3141	1	1.3	12.9	1	25	66	2	700	3103	0	-.1	10.7	0	46	229	4
850	1528	0	10.9	10.5	0	14	240	1	850	1548	1	12.0	8.9	1	45	70	3	850	1518	0	10.5	8.4	0	24	144	1
1002	* 128		19.6	9.1					1008	* 91		16.0	6.3					1004	* 103		21.6	10.2				
EUROPE - ITALY PRATICA DI MARE 16245 MAY 2003 4139N 01226E OB 3									EUROPE - ITALY BRINDISI 16320 MAY 2003 4039N 01757E OB 3									EUROPE - ITALY CAGLIARI/ELMAS 16560 MAY 2003 3915N 00904E OB /								
030	23897	0	-55.6	27.8	0	41	65	2	030	23877	0	-55.4	30.5	1	36	90	2	030	23922	0	-55.3	28.8	1	43	109	2
050	20672	0	-58.5	26.8	0	19	46	1	050	20651	0	-58.8	28.9	1	17	350	1	050	20698	0	-59.0	27.1	0	12	124	1
100	16319	0	-58.7	26.5	0	77	263	6	100	16314	0	-58.7	28.7	0	86	268	7	100	16359	0	-59.5	26.6	0	83	264	8
150	13771	0	-58.4	23.1	0	73	270	9	150	13766	0	-58.4	23.7	0	83	274	8	150	13819	0	-59.1	21.1	0	78	274	11
200	11978	0	-61.5	9.7	0	58	273	10	200	11974	0	-61.0	10.9	0	59	283	8	200	12029	0	-60.9	9.3	0	66	278	14
300	9377	0	-44.2	11.1	0	49	272	8	300	9370	0	-44.6	11.9	0	42	309	5	300	9421	0	-43.4	10.5	0	54	270	10
500	5740	0	-15.8	15.3	0	46	269	6	500	5739	0	-15.7	18.9	0	26	298	2	500	5768	0	-14.6	15.1	0	52	266	7
700	3117	0	1.9	15.3	0	30	248	3	700	3114	0	1.9	17.9	0	8	36	1	700	3130	0	3.4	13.9	0	33	235	3
850	1521	0	12.4	12.4	0	31	168	2	850	1518	0	12.8	14.0	0	35	360	2	850	1526	0	13.1	14.6	0	16	196	2
1012	* 32		20.3	8.2					1015	* 10		21.0	6.7					1017	* 5		20.9	5.9				
EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 MAY 2003 4058N 02905E OB 3									EUROPE - TURKEY ANKARA/CENTRAL 17130 MAY 2003 3957N 03253E OB 3									EUROPE - TURKEY IZMIR/GUZELYALT 17220 MAY 2003 3826N 02710E OB 3								
030	23921	4	-55.3	32.3	4	51	68	3	030	23910	1	-55.3	31.7	5	58	68	3	030	23908	2	-55.5	32.1	7	41	36	2
050	20687	3	-58.5	31.1	3	22	357	1	050	20683	0	-58.5	30.3	4	33	319	2	050	20684	2	-59.3	31.1	4	14	316	1
100	16348	3	-58.1	31.6	3	74	260	6	100	16357	0	-58.7	29.8	2	75	257	7	100	16363	1	-59.3	30.0	3	87	269	8
150	13789	2	-56.8	28.7	3	69	269	6	150	13797	0	-56.5	25.2	2	72	269	8	150	13810	1	-57.2	26.3	3	82	273	8
200	11974	1	-58.4	17.2	3	42	295	4	200	11980	0	-58.4	14.6	2	60	277	7	200	11998	1	-58.5	15.2	2	73	295	9
300	9362	1	-44.6	13.7	1	16	298	2	300	9367	0	-44.5	10.6	1	37	280	4	300	9382	1	-43.8	14.4	2	56	298	7
500	5728	1	-15.7	19.1	1	28	2	2	500	5731	0	-15.8	13.8	0	22	256	2	500	5736	0	-15.1	19.6	2	49	312	4
700	3103	1	2.4	16.1	1	31	66	2	700	3107	0	2.1	10.3	1	15	13	1	700	3104	0	3.0	16.6	1	5	280	1
850	1501	1	13.7	19.7	1	65	65	4	850	1503	0	14.0	12.9	1	58	75	3	850	1499	0	14.5	14.0	1	41	65	2
1010	* 33		15.5	5.1					914	* 891		14.2	6.3					1009	* 29		18.6	5.1				

UPPER AIR

MAY 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) MOSKVA (DOLGOPRUDNYJ) 27612 MAY 2003 5545N 03757E OB 0									EUROPE - RUSSIAN FEDERATION (EUROPE) ROSTOV-NA-DONU 34731 MAY 2003 4715N 03949E OB 3									EUROPE - LEBANON BEYROUTH (AEROPORT) 27595 MAY 2003 5536N 04917E OB 3								
030	24008	13	-51.0	15.6	9	89	85	6	030									030	23902	7	-55.6	32.1	7	55	62	2
050	20711	9	-54.0	14.7	9	48	25	2	050	20687	18	-56.2	9.2	9	57	294	2	050	20688	5	-60.9	30.6	6	33	326	2
100	16271	4	-54.6	14.3	4	84	292	6	100	16357	7	-57.0	7.8	7	75	276	6	100	16428	5	-61.6	30.1	8	96	250	16
150	13677	2	-54.2	14.6	2	85	290	10	150	13792	6	-56.1	6.7	6	72	278	7	150	13891	3	-57.6	29.5	5	98	251	24
200	11849	0	-57.8	10.1	0	78	293	15	200	11972	6	-59.1	5.9	6	65	288	8	200	12072	3	-56.3	19.9	4	97	248	23
300	9241	0	-45.4	8.3	0	69	295	15	300	9361	1	-44.9	8.0	3	51	293	7	300	9434	2	-42.1	20.0	3	92	250	17
500	5641	0	-18.6	9.0	0	68	288	9	500	5713	0	-16.5	13.3	0	48	314	6	500	5771	1	-13.9	24.9	3	80	254	11
700	3055	0	-2.4	9.4	0	62	278	7	700	3098	0	.6	14.0	0	32	332	3	700	3121	1	5.7	20.5	3	75	231	7
850	1495	0	6.1	6.3	0	48	267	4	850	1519	0	10.0	11.2	0	25	58	2	850	1500	0	17.7	21.2	3	40	220	2
994	* 200		14.5	8.8					1008	* 78		20.0	12.2					1008	* 19		22.0	7.5				
EUROPE - ISRAEL BET DAGAN 27612 MAY 2003 5545N 03757E OB 0									EUROPE - JORDAN MAFRAQ 34731 MAY 2003 4715N 03949E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV DIKSON 20674 MAY 2003 7330N 08024E OB 3								
030									030									030	24358	10	-41.6	18.5	9	86	79	6
050									050									050	20903	9	-42.1	19.0	9	72	65	4
100	16454	1	-63.4		3	98	249	21	100	16466	6	-63.7		6	91	255	20	100	16227	9	-43.6	17.5	9	41	331	3
150	13933	1	-58.5		1	98	248	30	150	13941	2	-58.8		2	98	253	31	150	13495	9	-43.5	17.0	8	55	307	4
200	12116	0	-55.9		0	98	247	29	200	12126	0	-56.4		0	98	249	31	200	11565	7	-42.4	15.5	7	51	297	5
300	9465	0	-41.2	14.8	0	95	247	20	300	9475	0	-41.1		0	94	251	23	300	8846	6	-45.4	11.0	6	40	306	8
500	5791	0	-13.5	19.4	0	94	248	12	500	5797	0	-13.2	22.9	0	93	252	13	500	5346	6	-29.4	8.9	6	39	295	7
700	3136	0	6.6	16.8	0	76	237	7	700	3138	0	6.8	17.9	0	60	235	10	700	2858	5	-15.0	9.2	5	34	290	4
850	1509	0	18.5	19.5	0	20	233	2	850	1508	0	19.0	22.4	0	7	332	9	850	1374	5	-9.6	4.4	8	24	278	2
1007	* 35		24.7	9.9					936	* 687		19.3	13.1					1007	* 47		-5.0	2.3				
ASIA - RUSSIAN FEDERATION (IN ASIA) NAR'JAN-MAR 23205 MAY 2003 6738N 05302E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) SALEHARD 23330 MAY 2003 6632N 06640E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) TURUHANSK 23472 MAY 2003 6547N 08756E OB 3								
030	24124	8	-46.3	22.0	8	93	78	5	030	24115	1	-46.4	15.2	1	91	77	5	030	24127	3	-45.8	15.0	4	91	71	6
050	20740	4	-47.6	20.0	5	61	46	2	050	20735	0	-47.7	14.2	0	71	27	3	050	20739	2	-47.0	13.7	3	60	30	3
100	16183	5	-48.9	20.0	5	80	299	5	100	16189	0	-49.2	12.5	0	80	308	6	100	16161	1	-48.7	11.5	1	80	305	6
150	13511	5	-47.7	20.8	6	83	288	8	150	13526	0	-47.8	11.0	0	84	294	9	150	13494	1	-47.7	9.9	1	83	296	10
200	11613	5	-48.6	15.7	6	78	290	11	200	11632	0	-48.8	9.2	0	79	291	12	200	11604	0	-48.0	8.3	0	82	294	14
300	8954	5	-47.2	12.1	5	69	296	13	300	8981	0	-47.4	7.1	0	73	289	17	300	8957	0	-48.5	5.9	0	73	288	20
500	5424	4	-25.9	10.6	4	66	289	10	500	5450	0	-24.8	8.8	0	74	287	13	500	5438	0	-26.3	6.9	0	69	290	14
700	2909	4	-11.5	8.9	4	66	282	8	700	2932	0	-9.7	9.1	0	75	290	9	700	2928	0	-11.6	7.1	0	70	287	9
850	1400	4	-3.8	5.9	5	56	279	6	850	1416	0	-2.9	6.4	0	60	288	6	850	1420	0	-4.7	5.9	0	56	278	5
1012	* 12		-.2	3.6					1013	* 16		2.1	4.3					1011	* 38		2.4	7.7				

UPPER AIR

MAY 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
ASIA - RUSSIAN FEDERATION (IN ASIA) SYKTYVKAR 23804 MAY 2003 6140N 05051E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HANTY-MANSIJSK 23933 MAY 2003 6101N 06902E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OLENEK 24125 MAY 2003 6830N 11226E OB 3									
030	24073	0	-49.2	20.5	0	92	81	6	030	24188	14	-47.7			9	94	66	7	030	24105	0	-44.3	15.2	0	94	75	7
050	20737	0	-50.3	19.0	0	48	76	2	050	20813	10	-48.6			9	74	46	4	050	20697	0	-45.3	14.1	0	77	62	4
100	16237	0	-51.7	17.3	0	78	299	5	100	16279	8	-50.8			8	72	303	5	100	16103	0	-46.6	12.7	0	41	329	2
150	13600	0	-50.2	16.4	0	76	285	7	150	13611	4	-50.6			6	80	284	8	150	13410	0	-45.8	11.6	0	42	309	3
200	11724	0	-51.4	12.9	0	70	281	10	200	11734	3	-51.9			3	75	270	11	200	11502	0	-46.3	9.9	0	33	289	3
300	9106	0	-48.6	7.5	0	54	278	12	300	9097	3	-47.8			2	64	266	15	300	8829	0	-48.1	6.7	0	20	264	3
500	5558	0	-22.2	8.5	0	54	277	8	500	5537	1	-22.0	9.4	3	69	262	12	500	5336	0	-28.7	7.2	0	20	276	2	
700	3002	0	-6.3	9.7	0	47	275	5	700	2983	0	-6.1	9.2	4	59	272	6	700	2855	0	-14.3	6.5	0	40	291	3	
850	1459	0	2.4	6.3	0	41	276	3	850	1443	1	2.1	7.9	3	40	262	3	850	1370	0	-8.6	4.5	0	37	288	3	
1001	* 116		10.4	8.2					1009	* 46		6.5	4.3						986	* 220		-1.2	6.3				
ASIA - RUSSIAN FEDERATION (IN ASIA) VERHOJANSK 24266 MAY 2003 6734N 13324E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) TURA 24507 MAY 2003 6416N 10014E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) JAKUTSK 24959 MAY 2003 6201N 12943E OB 0									
030	24061	0	-45.0	17.0	0	94	85	8	030	24084	19	-46.4	12.3	9	98	79	8	030	23967	1	-47.2	16.1	1	93	87	7	
050	20663	0	-46.1	16.1	0	74	91	4	050	20729	18	-46.3	11.7	9	77	50	3	050	20603	0	-48.4	14.8	0	53	90	2	
100	16076	0	-47.3	13.7	0	11	218	1	100	16144	15	-47.9	9.9	9	60	306	3	100	16064	0	-48.8	13.0	0	34	288	2	
150	13393	0	-46.9	11.6	0	12	217	1	150	13485	12	-47.9	10.0	9	85	309	8	150	13392	0	-47.4	11.6	0	35	286	3	
200	11494	0	-47.9	9.1	0	7	150	1	200	11576	12	-48.1	8.2	9	85	302	12	200	11493	0	-47.5	9.5	0	29	267	4	
300	8845	0	-49.5	5.5	0	9	121	2	300	8954	10	-48.5	6.1	9	79	304	18	300	8841	0	-50.1	5.8	0	28	239	6	
500	5354	0	-28.0	7.1	0	8	136	1	500	5443	10	-26.5	7.0	9	73	304	13	500	5366	0	-28.1	7.4	0	33	270	4	
700	2869	0	-13.4	8.6	0	5	144	0	700	2942	9	-12.3	8.0	9	67	300	7	700	2878	0	-12.6	6.6	0	46	283	4	
850	1374	0	-6.0	7.6	0	13	21	1	850	1434	6	-5.8	5.9	7	42	298	3	850	1376	0	-3.9	6.9	0	41	299	3	
993	* 138		2.3	9.3					994	* 168		-1.4	5.0						996	* 101		5.7	11.1				
ASIA - RUSSIAN FEDERATION (IN ASIA) ANADYR' 25563 MAY 2003 6444N 17732E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) SEUMCHAN 25703 MAY 2003 6255N 15225E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) KORF 25954 MAY 2003 6021N 16600E OB 3									
030	24120	30	-43.7						030	24026	6	-47.4	15.6	8	97	93	7	030	23994	19	-49.2	13.3	9	95	93	6	
050	20710	30	-45.5		9	99	85	4	050	20656	5	-48.3	14.1	5	62	107	3	050	20654	13	-49.6	12.3	9	50	108	2	
100	16130	30	-47.9						100	16098	4	-49.3	12.2	4	29	233	2	100	16121	10	-49.2	10.3	9	31	243	2	
150	13460	30	-51.1		9	99	220	4	150	13434	3	-48.4	10.4	3	41	247	4	150	13455	9	-48.2	9.5	9	32	271	4	
200	11615	29	-51.0		9	92	236	10	200	11540	2	-49.5	8.2	2	38	253	6	200	11563	7	-49.5	7.6	7	31	281	5	
300	9000	29	-50.2		9	83	206	23	300	8902	1	-48.8	5.8	1	32	258	8	300	8912	6	-47.7	5.9	6	14	298	3	
500	5480	29	-24.4	4.4	9	74	200	15	500	5388	1	-26.7	6.9	1	26	267	4	500	5398	3	-26.8	6.6	3	7	337	1	
700	2940	29	-7.5	2.4	9	68	225	11	700	2883	0	-12.0	7.3	0	21	313	2	700	2894	3	-11.8	6.9	3	21	317	2	
850	1400	29	1.7	5.3	9	71	207	10	850	1375	0	-4.1	6.2	0	27	341	2	850	1387	3	-4.9	3.9	4	14	286	1	
1010	* 6		3.0	3.4					983	* 205		3.3	7.4						1011	* 4		1.1	3.4				

UPPER AIR

MAY 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
ASIA - RUSSIAN FEDERATION (IN ASIA) VERHNEE DUBROVO 28445 MAY 2003 5644N 06104E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) OMSK 28698 MAY 2003 5456N 07324E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) KOLPASEVO 29231 MAY 2003 5819N 08254E OB 3								
030	24064	1	-50.5	13.9	1	85	72	6	030	24033	0	-50.9	14.3	0	91	66	5	030	24086	1	-49.5	14.1	2	91	77	6
050	20743	1	-51.6	12.5	1	35	34	1	050	20725	0	-52.2	12.9	0	31	8	1	050	20747	1	-50.5	12.6	1	49	21	2
100	16263	1	-53.2	10.0	1	73	290	4	100	16266	0	-53.6	11.1	0	79	283	5	100	16248	1	-52.1	10.2	1	79	304	6
150	13645	1	-52.2	8.3	1	71	276	6	150	13655	0	-52.9	9.6	0	83	274	7	150	13623	1	-52.5	8.3	1	77	296	9
200	11789	1	-54.4	6.2	1	52	266	7	200	11814	0	-56.4	7.6	0	66	263	8	200	11777	1	-55.8	6.2	1	71	297	13
300	9177	0	-47.3	5.5	1	33	242	6	300	9212	0	-46.3	8.0	0	51	254	8	300	9169	1	-47.1	6.2	1	63	297	13
500	5601	0	-20.3	8.8	0	40	225	5	500	5627	0	-19.0	12.2	0	52	253	5	500	5592	0	-20.7	9.3	0	70	294	10
700	3026	0	-4.2	5.4	0	36	234	3	700	3044	0	-2.5	10.5	0	42	252	3	700	3021	0	-4.9	10.1	0	63	287	6
850	1468	0	5.1	4.7	0	10	250	1	850	1483	0	6.9	9.4	0	28	211	2	850	1473	0	2.9	7.5	0	54	281	4
980	* 290		11.8	5.9					1005	* 90		15.1	9.9					1007	* 75		5.3	3.3				
ASIA - RUSSIAN FEDERATION (IN ASIA) EMEL'JANOVO 29572 MAY 2003 5611N 09237E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) KIRENSK 30230 MAY 2003 5746N 10804E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) CHITA 30758 MAY 2003 5205N 11329E OB 0								
030	23946	0	-51.7	31.1	0	88	63	5	030	24025	0	-49.2	13.0	0	87	66	5	030	23944	0	-51.3	14.7	0	84	51	4
050	20646	0	-52.9	30.8	0	56	351	3	050	20688	0	-50.7	11.9	0	46	348	2	050	20648	0	-53.2	13.4	0	72	315	3
100	16183	0	-53.8	30.3	0	81	300	7	100	16172	0	-50.6	10.4	0	82	300	6	100	16184	0	-52.8	12.1	0	94	287	11
150	13576	0	-53.2	29.1	0	76	301	9	150	13526	0	-49.7	9.0	0	87	303	10	150	13563	0	-51.8	10.8	0	95	288	15
200	11729	0	-56.6	18.4	0	66	301	12	200	11644	0	-51.0	7.2	0	79	305	13	200	11702	0	-53.7	8.9	0	91	286	20
300	9136	0	-48.7	10.2	0	57	307	14	300	9005	0	-48.2	5.6	0	68	303	18	300	9088	0	-47.2	8.7	0	84	290	23
500	5582	0	-21.7	12.3	0	61	301	9	500	5485	0	-25.6	6.8	0	76	301	14	500	5536	0	-22.5	12.5	0	87	301	15
700	3022	0	-5.9	13.8	0	66	294	7	700	2967	0	-10.5	6.4	0	74	293	8	700	2990	0	-6.4	11.8	0	83	308	8
850	1476	0	3.5	9.6	0	37	296	3	850	1445	0	.0	9.6	0	63	285	5	850	1444	0	5.9	18.1	0	68	311	5
991	* 206		9.8	8.9					984	* 259		7.1	9.2					934	* 671		8.9	14.8				
ASIA - RUSSIAN FEDERATION (IN ASIA) ALDAN 31004 MAY 2003 5837N 12522E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OHOTSK 31088 MAY 2003 5922N 14312E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HABAROVSK 31736 MAY 2003 4832N 13514E OB 3								
030	23974	17	-48.3	13.9	9	91	74	4	030	23978	7	-49.6	12.1	7	92	77	5	030								
050	20606	10	-50.2	12.8	9	28	344	1	050	20634	5	-50.3	11.3	5	20	62	1	050								
100	16084	7	-49.5	11.3	7	75	282	5	100	16104	4	-50.0	10.2	4	39	269	3	100	16237	3	-53.5	9.9	3	94	272	13
150	13413	6	-47.7	9.7	6	83	282	8	150	13443	3	-48.9	8.7	3	48	278	5	150	13620	1	-52.8	8.6	1	93	271	18
200	11516	6	-47.9	7.8	6	80	277	11	200	11554	3	-50.1	6.6	3	42	273	5	200	11771	1	-54.1	7.6	1	90	275	24
300	8869	6	-49.2	4.9	6	70	268	17	300	8924	2	-50.1	4.5	2	24	261	5	300	9137	1	-44.7	7.6	0	81	274	22
500	5383	6	-27.7	5.8	6	69	277	11	500	5410	2	-26.0	7.2	2	29	278	4	500	5544	0	-21.2	8.1	0	80	274	14
700	2893	6	-12.6	4.5	6	63	288	7	700	2899	2	-11.5	6.3	2	29	305	2	700	2984	0	-5.5	8.1	0	69	271	8
850	1386	6	-2.0	6.5	6	61	286	5	850	1380	2	-2.5	6.4	1	20	343	1	850	1429	0	5.0	11.4	0	69	255	7
929	* 79		2.9	8.0					1008	* 6		2.8	3.1					1001	* 72		12.6	10.5				

UPPER AIR

MAY 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
ASIA - RUSSIAN FEDERATION (IN ASIA) VLADIVOSTOK (SAD GOROD) 31977 MAY 2003 4316N 13203E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) JUZHZNO-SAHALINSK 32150 MAY 2003 4657N 14243E OB 1									ASIA - RUSSIAN FEDERATION (IN ASIA) PETROPAVLOVSK- KAMCATSKIJ 32540 MAY 2003 5305N 15835E OB 3								
030	23921	6	-52.1	13.8	6	70	230	2	030	23900	10	-51.7	13.1	9	60	230	2	030	23980	1	-50.9	13.3	1	47	124	1
050	20654	5	-56.6	12.0	5	95	269	6	050	20614	8	-54.6	12.1	8	84	263	5	050	20669	0	-51.6	12.6	0	64	247	3
100	16293	5	-56.6	10.6	5	96	271	20	100	16179	5	-53.8	11.0	5	94	273	16	100	16176	0	-51.2	11.0	0	89	261	10
150	13711	4	-55.3	9.0	4	94	272	25	150	13580	3	-52.9	9.7	3	94	273	20	150	13534	0	-50.1	9.9	0	88	261	14
200	11897	2	-56.2	7.5	2	89	271	26	200	11777	0	-54.0	7.8	1	91	273	27	200	11654	0	-50.5	8.4	0	84	264	16
300	9266	1	-42.6	8.4	1	85	270	24	300	9140	0	-44.2	7.4	0	85	271	25	300	9001	0	-46.1	7.3	0	68	271	14
500	5633	1	-17.2	11.9	1	87	275	15	500	5550	0	-20.8	10.4	0	78	274	14	500	5449	0	-24.2	8.7	0	58	274	8
700	3036	1	-1.1	12.6	1	78	276	9	700	2985	0	-4.8	10.0	0	75	274	11	700	2918	0	-8.8	8.1	0	46	280	5
850	1465	1	8.4	13.0	2	60	253	6	850	1434	0	3.4	8.9	0	74	268	9	850	1392	0	-2.2	5.6	0	37	308	3
1004	* 82		11.6	5.9					1011	* 24		8.4	4.6					1001	* 84		4.7	6.5				
ASIA - RUSSIAN FEDERATION (IN ASIA) ORENBURG 35121 MAY 2003 5141N 05506E OB 3									ASIA - SAUDI ARABIA HAFR AL-BATIN 40373 MAY 2003 2820N 04607E OB									ASIA - SAUDI ARABIA TABUK 40375 MAY 2003 2822N 03636E OB 3								
030	24040	4	-52.1	12.7	4	80	71	4	030	23865	16	-53.4	26.2	9	21	84	1	030	23874	11	-53.5	25.5	9	28	142	1
050	20751	3	-53.9	11.8	3	33	334	1	050	20667	15	-62.9	22.9	9	65	90	3	050	20657	11	-63.0	20.8	9	61	102	2
100	16323	1	-54.2	10.7	1	83	284	6	100	16548	11	-71.1	18.5	9	96	255	20	100	16503	8	-68.1	17.0	8	95	255	19
150	13712	1	-51.8	9.8	1	72	289	7	150	14103	11	-62.4	17.6	9	98	258	39	150	14029	8	-60.6	16.7	8	98	250	40
200	11852	1	-52.8	8.3	1	59	288	8	200	12297	10	-54.4	16.3	9	98	259	42	200	12213	7	-54.2	14.9	7	97	249	41
300	9218	0	-45.7	7.5	0	45	282	9	300	9584	6	-35.8	16.4	6	97	257	31	300	9529	7	-38.1	15.9	7	97	249	28
500	5628	0	-18.8	10.1	0	41	289	6	500	5847	5	-10.1	13.1	5	95	262	18	500	5818	7	-11.5	17.9	7	93	241	13
700	3039	0	-2.4	6.3	0	40	293	4	700	3160	4	10.6	15.8	4	84	260	9	700	3141	7	9.2	15.9	7	71	230	5
850	1475	3	7.5	5.6	0	25	308	2	850	1506	4	24.7	24.9	4	32	298	2	850	1493	7	23.5	22.9	7	19	317	1
999	* 117		19.5	10.5					967	* 358		33.4	28.7					924	* 768		30.1	26.9				
ASIA - SAUDI ARABIA HAIL 40394 MAY 2003 2726N 04141E OB 3									ASIA - SAUDI ARABIA KING FAHAD INT. AIRPORT 40417 MAY 2003 2627N 04949E OB 3									ASIA - SAUDI ARABIA MADINAH 40430 MAY 2003 2433N 03942E OB 3								
030	23928	9	-53.8	26.0	9	60	89	4	030	23873	12	-53.7	25.8	9	32	86	2	030	23919	5	-53.6	23.8	5	85	89	6
050	20709	9	-62.0	22.1	9	81	100	3	050	20657	12	-63.8	20.7	9	64	80	3	050	20700	5	-63.3	19.1	5	71	104	4
100	16579	6	-71.7	15.7	6	96	251	20	100	16585	1	-74.6	13.7	2	96	259	17	100	16608	3	-74.7	12.9	3	94	248	17
150	14139	6	-62.4	15.9	6	97	255	38	150	14176	1	-64.3	14.4	1	97	259	31	150	14195	2	-64.0	13.6	2	97	252	31
200	12324	4	-53.6	14.9	5	97	252	41	200	12373	1	-53.4	15.4	1	97	260	34	200	12386	1	-52.8	14.0	2	98	253	36
300	9624	4	-35.9	15.9	4	97	253	30	300	9650	1	-34.1	17.8	1	96	262	28	300	9656	1	-33.9	15.2	1	97	250	28
500	5879	4	-10.3	14.0	4	95	249	18	500	5880	1	-8.6	16.7	1	95	274	15	500	5891	1	-9.5	12.3	1	91	238	13
700	3193	4	11.1	17.9	4	74	237	6	700	3177	1	11.7	18.7	1	87	287	10	700	3185	1	12.3	17.4	1	69	232	5
850	1542	5	25.3	27.6	5	22	190	2	850	1516	1	25.1	26.2	1	63	312	5	850	1516	1	27.1	26.1	1	45	271	3
901	*1013		29.4	26.8					1005	* 12		33.9	28.8					937	* 636		34.8	29.3				

UPPER AIR

MAY 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
ASIA - SAUDI ARABIA KING KHALED INT. AIRPORT 40437 MAY 2003 2456N 04643E OB 3									ASIA - IRAN, ISLAMIC REPUBLIC OF MASHHAD 40745 MAY 2003 3616N 05938E OB 3									ASIA - IRAN, ISLAMIC REPUBLIC OF KERMAN 40841 MAY 2003 3015N 05658E OB 3																
030	23918	9	-53.1	25.6	9	76	96	5	030	23900	2	-55.5	31.7	2	89	270	4	030	23907	7	-53.0													
050	20697	8	-63.8	21.1	8	74	94	4	050	20684	1	-60.8	30.0	1	54	270	4	050	20669	5	-61.3													
100	16617	5	-75.6	14.5	5	91	254	15	100	16431	1	-63.0	29.3	1	98	270	22	100	16510	1	-70.5													
150	14216	5	-64.8	14.8	5	97	254	29	150	13898	1	-56.5	29.1	1	98	270	30	150	14061	0	-62.2													
200	12412	5	-52.8	15.5	5	98	257	32	200	12064	1	-54.6	21.2	1	99	275	34	200	12246	0	-53.6	13.2												
300	9678	5	-33.2	16.7	5	96	256	26	300	9410	1	-42.0	16.0	2	91	280	22	300	9544	0	-36.4	15.5												
500	5900	4	-8.6	11.6	4	92	261	11	500	5749	0	-14.6	16.7	1	80	260	12	500	5813	0	-11.0	11.1												
700	3189	4	12.7	18.6	4	83	243	7	700	3111	0	2.8	10.5	1	50	295	4	700	3134	0	9.8	17.0												
850	1519	4	26.8	27.5	4	36	192	3	850	1510	0	12.6	11.1	1	99	235	6	825	*1754		15.0	18.4												
941	* 612		34.3	32.4					903	* 980		12.3	4.0																					
ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT.) 41024 MAY 2003 2142N 03911E OB 3									ASIA - SAUDI ARABIA ABHA 41112 MAY 2003 1814N 04239E OB									ASIA - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT 41217 MAY 2003 2426N 05439E OB 3																
030	23863	4	-53.8	25.2	4	96	94	10	030	23825	3	-54.1	25.2	3	98	90	14	030	23880	15	-54.7		9	95	72	8								
050	20653	4	-63.7	19.4	4	85	100	6	050	20627	3	-64.1	20.8	3	91	95	7	050	20677	4	-63.2		1	56	84	4								
100	16599	1	-77.2	11.5	1	86	241	11	100	16608	1	-79.3	12.2	1	65	194	5	100	16624	2	-76.3		1	92	258	12								
150	14217	1	-65.6	12.6	1	95	250	23	150	14242	1	-66.3	13.9	1	81	230	9	150	14225	2	-64.5		1	97	258	22								
200	12419	1	-53.3	13.9	1	96	253	26	200	12446	1	-52.9	15.6	1	87	245	10	200	12419	2	-52.6	19.3	1	97	263	24								
300	9686	1	-32.4	16.3	1	96	247	22	300	9705	1	-30.9	20.0	1	87	240	8	300	9683	2	-32.5	20.7	0	96	267	21								
500	5898	1	-8.5	12.8	1	88	228	8	500	5891	0	-6.5	14.8	0	29	169	2	500	5884	2	-6.7	18.6	0	90	286	10								
700	3184	1	13.5	16.2	1	59	189	4	700	3170	0	14.3	15.6	0	66	128	3	700	3166	2	12.0	22.4	1	88	314	9								
850	1511	1	26.8	21.1	1	32	176	2	795	*2093		23.1	16.9					850	1499	0	26.4	31.8	1	83	316	7								
1005	* 17		33.3	10.1														1003	* 27		32.6	13.2												
ASIA - OMAN SEEB, INTERNATIONAL AIRPORT 41256 MAY 2003 2335N 05817E OB 1									ASIA - OMAN SALALAH 41316 MAY 2003 1702N 05405E OB 3									ASIA - BANGLADESH DHAKA 41923 MAY 2003 2346N 09023E OB /																
030	23911	26	-52.2	35.4	9	95	70	10	030	23831	22	-54.8	32.4	9	99	88	15	030	23890	17	-54.4		9	86	79	7								
050	20685	15	-63.9	14.0	9	45	64	7	050	20623	6	-64.5	25.4	9	88	104	7	050	20689	13	-65.1		9	68	98	6								
100		6	-71.9	18.4	9	88	251	11	100	16615	4	-80.7	14.4	7	82	130	7	100	16668	13	-78.8		9	80	233	10								
150		6	-64.9	13.9	9	95	254	19	150	14255	4	-66.4	14.9	6	69	178	6	150	14279	13	-63.9		9	96	254	19								
200	12470	6	-52.0	15.0	7	95	263	20	200	12457	4	-52.7	17.5	7	40	190	3	200	12459	13	-49.6		9	92	250	21								
300	9728	6	-32.0	22.0	8	93	270	20	300	9716	3	-31.0	25.2	5	49	158	2	300	9676	13	-28.2	21.3	9	87	254	18								
500	5911	6	-5.0	24.0	7	91	300	10	500	5890	3	-3.6	40.1	3	67	53	4	500	5826	12	-5.2	23.8	9	92	266	13								
700	3178	6	13.0	20.2	7	82	306	8	700	3163	3	11.8	20.6	3	93	40	11	700	3120	12	9.3	10.0	9	77	272	7								
850	1511	6	26.1	21.8	7	76	285	6	850	1500	3	24.8	24.7	3	56	107	4	850	1474	12	20.1	7.0	9	48	279	2								
1005	* 8		29.6	12.4					1006	* 20		28.8	5.0					1005	* 9		26.4	2.2												

UPPER AIR

MAY 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
ASIA - INDIA SRINAGAR 42027 MAY 2003 3405N 07450E OB 3									ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 MAY 2003 2835N 07712E OB 3									ASIA - INDIA JODHPUR 42339 MAY 2003 2618N 07301E OB 3												
030									030									030												
050									050	20724	10	-58.7						050	20822	9	-61.4									
100	16526	8	-62.9						100	16570	0	-72.7						100	16694	9	-72.9									
150	13995	1	-55.3						150	14136	0	-62.0			5	93	275	28	150	14284	3	-61.3								
200	12131	0	-51.3			9	89	255	21	200	12303	0	-49.7			2	90	285	29	200	12462	1	-48.8					99		
300	9455	0	-40.9	3.8		9	99	265	15	300	9550	0	-33.3	12.0		0	97	289	27	300	9685	1	-30.0					99		
500	5767	0	-13.3	5.8		9	68	275	4	500	5802	0	-9.9	16.6		0	95	294	12	500	5863	0	-6.2	14.8				95		
700	3100	0	6.4	6.4		9	33	250	1	700	3111	0	10.7	15.6		0	92	299	8	700	3148	0	13.6	16.4				90		
839	*1587		14.8	6.6						850	1453	0	24.2	19.8		0	65	300	4	850	1475	0	28.2	19.9				88		
										970	* 216		32.6	19.9						978	* 224		34.3	26.1						
ASIA - INDIA LUCKNOW/AMAUSI 42369 MAY 2003 2645N 08053E OB 3									ASIA - INDIA GAUHATI 42410 MAY 2003 2606N 09135E OB 3									ASIA - INDIA PATNA 42492 MAY 2003 2536N 08506E OB 3												
030									030									030												
050	21003	8	-61.3							050									050	20786	8	-63.3								
100	16803	5	-71.7							100	16743	5	-75.2			9	95	249	18	100	16717	0	-74.4							
150	14341	3	-58.7							150	14309	2	-56.5			6	98	254	27	150	14287	0	-61.8							
200	12467	1	-46.3							200	12470	1	-46.8			6	95	251	28	200	12448	0	-48.1							
300	9668	1	-28.3	10.0						300	9661	0	-27.0			4	98	249	31	300	9657	0	-27.6			1	98	271	28	
500	5854	1	-8.1	12.8		7	78	292	21	500	5794	0	-5.7	10.1		0	91	254	16	500	5827	0	-6.4			0	91	284	16	
700	3131	0	12.8	14.7		0	94	291	18	700	3099	0	9.1	6.8		0	93	251	9	700	3120	0	11.3	15.0			0	90	280	10
850	1459	0	26.6	18.8		0	96	318	11	850	1456	0	19.3	4.4		0	59	233	3	850	1458	0	24.5	15.6		0	81	281	6	
987	* 128		31.6	15.8						998	* 54		26.5	3.8						995	* 60		30.6	11.1						
ASIA - INDIA AHMADABAD 42647 MAY 2003 2304N 07238E OB 3									ASIA - INDIA CALCUTTA/DUM DUM 42809 MAY 2003 2239N 08827E OB 3									ASIA - INDIA NAGPUR SONEGAON 42867 MAY 2003 2106N 07903E OB 3												
030									030									030												
050									050	20744	2	-62.1			6	91	351	10	050	20712	8	-64.3								
100									100	16656	0	-77.4			4	49	215	5	100	16697	3	-79.9								
150									150	14271	0	-64.2			3	83	251	14	150	14327	1	-64.5								
200	12521	1	-48.5						200	12454	0	-49.9			0	90	259	19	200	12507	1	-49.4				9	81	258	10	
300	9738	0	-29.0			9	96	291	23	300	9675	0	-28.4			0	93	273	20	300	9727	0	-27.7			5	94	287	12	
500	5902	0	-3.7			6	90	289	10	500	5835	0	-5.3	17.2		0	94	294	14	500	5886	0	-4.8	15.9		0	88	303	9	
700	3168	0	13.4	17.6		2	69	282	6	700	3120	0	11.2	10.5		0	85	309	11	700	3165	0	13.8	14.8		0	68	293	5	
850	1497	0	26.8	21.1		0	87	275	8	850	1461	0	23.5	10.8		0	66	251	5	850	1485	0	29.5	23.6		0	72	312	6	
998	* 55		34.6	17.1						1001	* 6		30.6	5.7						968	* 310		36.0	21.8						

UPPER AIR

MAY 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
ASIA - INDIA BHUBANESWAR 42971 MAY 2003 2015N 08550E OB 3									ASIA - INDIA BOMBAY/SANTACRUZ 43003 MAY 2003 1907N 07251E OB 3									ASIA - INDIA HYDERABAD AIRPORT 43128 MAY 2003 1727N 07828E OB 3								
030									030									030								
050	20802	7	-63.6		9	93	96	5	050									050	20769	7	-60.7		8	99	90	11
100	16752	0	-77.2		2	41	187	4	100	16892	5	-75.9		5	71	147	3	100	16691	2	-79.3		2	87	111	9
150	14344	0	-63.2		0	57	217	7	150	14375	2	-62.4		2	69	198	7	150	14313	0	-65.2		0	55	163	6
200	12514	0	-48.7		0	71	239	9	200	12565	0	-48.5		0	70	252	6	200	12503	0	-50.8		0	41	211	3
300	9725	0	-28.1		0	78	274	9	300	9755	0	-28.0		0	85	301	7	300	9735	0	-28.7		0	51	330	4
500	5862	0	-4.5	10.7	0	81	303	3	500	5896	0	-2.4		0	69	310	4	500	5888	0	-3.7	17.2	0	73	351	6
700	3137	0	12.6	11.4	0	74	323	7	700	3157	0	12.8	16.5	0	41	263	2	700	3158	0	13.5	9.8	0	69	332	4
850	1467	0	25.3	13.5	0	37	267	3	850	1496	0	24.0	15.0	0	82	309	5	850	1477	0	28.6	17.2	0	71	325	6
997	* 46		30.6	5.6					1005	* 14		21.0	6.2					944	* 545		34.8	21.9				
ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 MAY 2003 1742N 08318E OB 3									ASIA - INDIA GOA/PANJIM 43192 MAY 2003 1529N 07349E OB 3									ASIA - INDIA MADRAS/MINAMBAKKAM 43279 MAY 2003 1300N 08011E OB 3								
030									030									030								
050									050									050								
100	16671	1	-80.1		1	75	116	8	100									100								
150	14306	0	-65.5		0	55	158	7	150	14235	6	-67.7		8	59	159	6	150								
200	12494	0	-50.4	5.4	0	44	185	5	200	12436	4	-53.1		6	33	166	2	200	12440	9	-51.7		9	69	121	7
300	9720	0	-28.3	10.9	0	41	302	3	300	9687	3	-31.1		4	61	34	4	300	9684	7	-30.3		8	69	54	4
500	5867	0	-4.2	14.1	0	67	351	5	500	5857	3	-4.8		4	72	53	5	500	5857	3	-5.4	13.3	4	81	53	6
700	3137	0	13.4	10.9	0	82	351	7	700	3142	2	10.9	12.4	4	22	130	1	700	3138	1	11.2	9.4	1	91	13	8
850	1459	0	27.1	14.9	0	39	291	3	850	1484	2	21.1	10.7	2	96	319	7	850	1477	1	23.6	12.8	1	62	311	4
996	* 66		30.1	3.8					1000	* 60		29.7	4.8					1002	* 16		31.4	6.9				
ASIA - INDIA MANGALORE/PANAMBUR 43285 MAY 2003 1257N 07450E OB 3									ASIA - INDIA PORT BLAIR 43333 MAY 2003 1140N 09243E OB 3									ASIA - INDIA COCHIN/WILLINGDON 43353 MAY 2003 0957N 07616E OB 3								
030									030									030								
050	20711	7	-60.9						050									050								
100	16578	2	-80.3		9	97	104	13	100	16688	2	-78.6		2	90	95	15	100	16593	8	-80.2					
150	14226	2	-68.2		6	95	110	12	150	14311	0	-65.2		0	89	168	16	150	14220	3	-68.0					
200	12438	2	-53.1		5	87	105	8	200	12497	0	-50.5	4.9	0	77	99	10	200	12429	1	-53.2					
300	9694	1	-30.4		3	87	64	6	300	9720	2	-28.2	5.6	0	29	117	2	300	9679	1	-30.3					
500	5868	1	-5.6	14.7	2	80	68	6	500	5864	0	-3.7	12.0	0	39	246	4	500	5859	1	-5.9	10.0				
700	3154	1	11.1	10.2	1	68	53	4	700	3130	0	11.1	7.1	0	37	256	4	700	3144	0	10.7	8.0				
850	1501	1	20.1	6.3	1	88	327	5	850	1480	0	19.4	2.7	0	70	240	8	850	1495	0	19.4	4.4				
1005	* 31		30.1	4.9					997	* 79		27.9	3.2					1007	* 3		29.4	3.9				

UPPER AIR

MAY 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
ASIA - INDIA MINICOY 43369 MAY 2003 0818N 07309E OB 3								ASIA - INDIA THIRUVANANTHAPURAM 43371 MAY 2003 0829N 07657E OB 3								ASIA - HONG KONG, CHINA KING'S PARK 45004 MAY 2003 2219N 11410E OB 1										
030								030										030	23897	2	-53.4	31.6	2	97	97	13
050								050										050	20686	2	-65.3	21.2	2	95	93	10
100								100	16586	2	-81.0			3	97	96	14	100	16679	0	-79.2	9.4	0	47	335	4
150	14409	4	-64.7		4	97	108	15	150	14232	2	-67.9		3	95	100	15	150	14299	0	-64.4	12.7	0	87	306	11
200	12579	0	-49.8		0	89	102	9	200	12441	2	-53.0		2	92	102	10	200	12485	0	-50.7	14.8	0	82	294	11
300	9795	0	-27.4	8.7	0	76	88	5	300	9688	1	-29.9		1	80	91	5	300	9715	0	-28.9	17.9	0	86	278	10
500	5925	0	-2.6	11.5	0	36	78	2	500	5859	0	-5.7	10.6	0	43	39	3	500	5867	0	-4.0	14.0	0	84	259	7
700	3175	0	12.9	8.4	0	59	75	3	700	3142	0	11.2	8.3	0	73	51	5	700	3137	0	10.4	5.8	0	81	249	6
850	1512	0	22.0	6.2	0	61	315	3	850	1489	0	19.7	3.8	0	81	309	6	850	1492	0	18.2	2.7	0	49	207	3
1008	* 2		30.1	4.4					1000	* 64		28.7	4.0					1001	* 66		25.6	2.8				
ASIA - REPUBLIC OF KOREA OSAN AB 47122 MAY 2003 3706N 12702E OB 3								ASIA - REPUBLIC OF KOREA POHANG 47138 MAY 2003 3602N 12923E OB 3								ASIA - REPUBLIC OF KOREA KWANGJU AB 47158 MAY 2003 3507N 12649E OB 3										
030	23965	0	-52.8	21.1	0	56	255	3	030	23948	0	-52.9		0	54	244	3	030	23970	0	-52.7	21.2	0	52	250	3
050	20719	0	-60.1	19.7	0	85	283	6	050	20709	0	-60.7		0	82	278	6	050	20726	0	-60.8	19.3	0	91	284	6
100	16454	0	-62.8	18.3	0	97	278	25	100	16468	0	-64.0		0	96	280	24	100	16497	0	-65.0	18.6	0	97	279	25
150	13917	0	-56.5	17.9	0	97	276	35	150	13946	0	-57.3		0	96	276	35	150	13981	0	-57.2	18.5	0	97	278	37
200	12083	0	-54.7	16.4	0	89	271	32	200	12116	0	-54.4		0	92	272	35	200	12146	0	-53.6	16.9	0	93	274	36
300	9407	0	-39.5	13.1	0	83	272	19	300	9438	0	-38.9	12.8	0	87	271	22	300	9448	0	-37.1	14.8	0	89	272	24
500	5710	0	-13.0	16.3	0	63	272	8	500	5735	0	-12.6	20.9	0	63	264	8	500	5726	0	-11.9	15.5	0	68	270	8
700	3066	0	2.8	15.6	0	18	321	1	700	3086	0	2.8	17.5	0	14	256	1	700	3070	0	3.7	12.9	0	13	203	1
850	1473	0	11.4	8.2	0	17	142	1	850	1489	0	10.9	12.0	0	38	95	3	850	1473	0	11.4	6.5	0	45	112	4
1006	* 52		17.6	6.9					1014	* 6		15.8	4.7					1011	* 13		18.0	4.6				
ASIA - JAPAN WAKKANAI 47401 MAY 2003 4525N 14141E OB 2								ASIA - JAPAN SAPPORO 47412 MAY 2003 4303N 14120E OB 2								ASIA - JAPAN NEMURO 47420 MAY 2003 4320N 14535E OB 2										
030	23930	0	-51.7		0	55	251	2	030	23929	2	-51.8		2	69	257	3	030	23940	2	-52.0		2	71	254	3
050	20646	0	-55.4		0	89	259	5	050	20654	1	-56.5		1	91	266	6	050	20663	1	-56.0		1	93	263	6
100	16242	0	-56.0		0	96	265	16	100	16292	0	-57.9		0	96	268	19	100	16288	0	-57.6		0	96	267	18
150	13658	0	-55.0		0	93	268	22	150	13726	0	-56.2		0	94	268	25	150	13722	0	-56.3		0	93	269	25
200	11825	0	-55.6		0	90	268	27	200	11904	0	-56.6		0	89	265	28	200	11894	0	-55.6		0	87	268	29
300	9191	0	-44.3		0	84	272	24	300	9269	0	-42.9		0	85	271	25	300	9254	0	-43.0		0	85	269	27
500	5592	0	-20.0	11.9	0	79	272	15	500	5638	0	-18.1	15.7	0	82	267	15	500	5627	0	-18.3	13.3	0	81	270	15
700	3016	0	-4.3	11.5	0	76	277	9	700	3043	0	-1.7	15.4	0	75	266	9	700	3036	0	-2.8	11.9	0	72	272	9
850	1458	0	5.4	11.1	0	72	264	8	850	1475	0	6.4	11.3	0	63	249	5	850	1472	0	5.7	11.4	0	65	268	6
1013	* 11		9.8	4.6					1012	* 26		12.2	7.0					1012	* 39		5.9	2.3				

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
ASIA - JAPAN AKITA 47582 MAY 2003 3943N 14006E OB 2									ASIA - JAPAN WAJIMA 47600 MAY 2003 3723N 13654E OB 2									ASIA - JAPAN TATEN0 47646 MAY 2003 3603N 14008E OB 2								
030	23941	2	-52.7		3	64	258	3	030	23942	2	-53.3		3	63	268	3	030	23946	3	-53.4		3	33	290	2
050	20679	1	-58.0		1	95	268	7	050	20696	0	-59.5		1	94	268	7	050	20702	2	-60.0		2	89	267	7
100	16367	0	-60.6		0	96	271	22	100	16427	0	-63.1		0	97	272	23	100	16455	0	-64.5		0	96	273	23
150	13825	0	-58.1		0	95	267	28	150	13901	0	-57.8		0	95	269	31	150	13946	0	-58.8		0	94	268	32
200	12009	0	-56.1		0	89	263	27	200	12078	0	-54.9		0	90	262	31	200	12128	0	-54.6		0	90	263	34
300	9358	0	-41.4		0	80	266	20	300	9412	0	-40.4		0	86	266	20	300	9449	0	-38.6	10.8	0	84	259	23
500	5695	0	-15.2	16.0	0	77	264	12	500	5725	0	-13.4	19.8	0	77	265	10	500	5743	0	-12.5	18.8	0	73	254	10
700	3073	0	.8	14.3	0	79	262	8	700	3086	0	1.9	14.1	0	66	247	5	700	3096	0	2.2	11.2	0	45	248	4
850	1489	0	8.7	11.5	1	66	228	5	850	1495	0	10.4	9.7	0	59	222	4	850	1505	0	9.6	6.0	0	44	208	3
1014	* 7		16.0	5.9					1013	* 14		15.4	4.3					1013	* 31		15.9	3.5				
ASIA - JAPAN YONAGO 47744 MAY 2003 3526N 13321E OB 2									ASIA - JAPAN SHIONOMISAKI 47778 MAY 2003 3327N 13546E OB 2									ASIA - JAPAN FUKUOKA 47807 MAY 2003 3335N 13023E OB 2								
030	23943	3	-53.5		3	56	261	3	030	23946	5	-53.7		6	30	274	2	030	23936	1	-53.6		1	33	277	2
050	20704	2	-60.5		2	92	273	7	050	20719	4	-61.2		4	76	272	5	050	20709	1	-61.3		1	83	271	5
100	16479	0	-64.8		0	98	274	24	100	16520	0	-67.4		0	96	276	23	100	16522	0	-67.0		0	97	277	23
150	13965	0	-58.2		0	97	274	34	150	14032	0	-59.2		0	96	272	34	150	14029	0	-58.8		0	95	277	36
200	12140	0	-54.0		0	92	270	36	200	12211	0	-53.7		0	91	270	36	200	12204	0	-53.3		0	92	273	37
300	9453	0	-38.1	10.6	0	89	271	23	300	9508	0	-35.5	12.3	0	92	264	28	300	9497	0	-35.5	11.6	0	88	270	27
500	5742	0	-12.2	19.0	0	67	265	8	500	5762	0	-10.7	15.7	0	74	258	10	500	5753	0	-10.2	19.7	0	71	268	9
700	3089	0	3.7	15.6	0	53	248	4	700	3099	0	4.0	10.2	0	42	216	4	700	3087	0	4.3	12.4	0	27	203	2
850	1488	0	11.3	7.9	0	40	188	4	850	1498	0	10.9	3.1	0	56	116	5	850	1481	0	12.3	6.3	1	48	146	4
1012	* 8		18.1	5.6					1006	* 75		18.9	3.3					1010	* 15		19.8	5.8				
ASIA - JAPAN KAGOSHIMA 47827 MAY 2003 3133N 13033E OB 2									ASIA - JAPAN NAZE/FUNCHAT0GE 47909 MAY 2003 2823N 12933E OB 2									ASIA - JAPAN ISHIGAKIJIMA 47918 MAY 2003 2420N 12410E OB 2								
030	23937	1	-54.2		1	19	37	1	030	23927	3	-54.2		3	67	67	4	030	23918	3	-53.9		5	95	76	8
050	20718	0	-63.0		1	60	274	3	050	20717	3	-63.9		3	9	90	1	050	20715	3	-65.0		3	94	84	6
100	16565	0	-68.9		0	96	278	21	100	16613	0	-72.8		0	96	285	18	100	16677	0	-76.5		0	85	305	9
150	14095	0	-60.3		0	96	280	35	150	14181	0	-61.8		0	94	286	28	150	14277	0	-63.6		0	91	298	18
200	12274	0	-52.5		0	92	274	35	200	12362	0	-52.4		0	94	280	30	200	12459	0	-50.8		0	94	291	21
300	9549	0	-33.8	11.8	0	91	273	27	300	9623	0	-31.7	8.5	0	93	272	24	300	9696	0	-29.7	13.2	0	96	277	16
500	5773	0	-8.7	17.3	0	76	273	11	500	5809	0	-5.9	12.8	0	95	269	16	500	5859	0	-4.4	11.9	0	93	267	11
700	3091	0	5.9	11.1	0	31	217	3	700	3104	0	7.3	7.1	0	78	263	9	700	3133	0	10.0	6.2	0	77	272	6
850	1480	0	12.3	2.5	0	49	114	5	850	1481	0	14.6	4.5	0	35	241	3	850	1492	0	17.5	6.5	0	27	261	2
1007	* 31		21.4	5.6					976	* 295		19.9	1.4					1009	* 7		25.0	4.7				

UPPER AIR

MAY 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
ASIA - JAPAN NAHA 47936 MAY 2003 2612N 12741E OB 2									ASIA - JAPAN MINAMIDAITOJIMA 47945 MAY 2003 2550N 13114E OB 2									ASIA - JAPAN CHICHIJIMA 47971 MAY 2003 2705N 14211E OB 3								
030	23923	4	-54.1		4	91	75	7	030	23915	4	-54.6		5	89	70	6	030	23926	4	-53.5		4	77	76	6
050	20715	1	-64.4		2	83	84	4	050	20712	2	-64.5		3	83	87	4	050	20710	2	-63.5		2	37	85	2
100	16647	0	-75.0		0	94	290	14	100	16647	0	-75.0		0	91	293	12	100	16612	0	-73.0		0	87	284	13
150	14234	0	-63.1		0	93	291	24	150	14235	0	-63.1		0	91	290	22	150	14189	0	-64.2		0	92	284	23
200	12417	0	-51.4		0	93	286	27	200	12421	0	-51.8		0	90	285	25	200	12392	0	-53.8		0	91	274	23
300	9666	0	-30.7	8.9	0	96	273	20	300	9673	0	-30.7	9.3	0	93	275	18	300	9664	0	-31.9	10.1	0	93	272	16
500	5839	0	-5.1	11.8	0	93	268	14	500	5846	0	-5.2	10.9	0	92	266	13	500	5855	0	-6.3	8.5	0	91	255	11
700	3123	0	9.2	8.6	0	82	266	9	700	3130	0	9.0	6.7	0	81	252	8	700	3148	0	8.5	10.2	0	80	247	6
850	1488	0	16.4	5.3	3	42	252	3	850	1496	0	16.6	4.1	0	60	229	5	850	1518	0	15.4	3.3	0	38	214	3
1007	* 27		24.1	4.3					1008	* 20		24.2	1.8					1013	* 8		23.2	2.2				
ASIA - JAPAN MINAMITORISHIMA 47991 MAY 2003 2418N 15358E OB 3									ASIA - THAILAND CHIANG MAI 48327 MAY 2003 1847N 09859E OB 1									ASIA - THAILAND UBON RATCHATHANI 48407 MAY 2003 1515N 10452E OB 1								
030	23923	5	-53.3		5	90	77	9	030									030	23916	4	-54.4		4	97	90	15
050	20709	5	-63.8		5	85	75	6	050	20704	7	-64.8		3	63	105	6	050	20707	4	-65.0		4	95	85	9
100	16627	0	-74.7		0	61	297	6	100	16702	3	-80.1		3	20	150	2	100	16710	3	-79.6		3	88	85	12
150	14221	0	-65.3		0	81	288	12	150	14330	2	-64.6		2	33	200	3	150	14340	3	-64.6		3	48	75	7
200	12427	0	-53.8		0	82	289	12	200	12513	1	-49.0		1	46	240	4	200	12529	3	-49.7		3	23	90	3
300	9695	0	-31.9	8.5	0	77	286	7	300	9730	1	-27.0	12.7	1	64	255	6	300	9752	3	-27.6	7.7	3	33	95	3
500	5883	0	-5.8	12.5	0	53	229	4	500	5864	1	-2.8	8.4	1	13	250	3	500	5893	3	-3.2	7.9	3	18	160	1
700	3168	0	9.3	16.2	0	38	177	3	700	3130	1	11.4	6.2	1	57	270	3	700	3161	3	10.6	6.0	3	29	230	2
850	1535	0	15.8	4.5	0	57	137	4	850	1479	1	20.5	6.3					850	1510	3	20.9	5.2	3	74	240	4
1014	* 9		25.1	3.5					972	* 314		25.0	3.0					9999	* 127		26.0	1.9				
ASIA - THAILAND BANGKOK 48455 MAY 2003 1344N 10034E OB 1									ASIA - CHINA HAILAR 50527 MAY 2003 4913N 11945E OB 3									ASIA - CHINA URUMQI 51463 MAY 2003 4347N 08737E OB 3								
030	23899	8	-54.2		9	89	95	15	030	23952	2	-51.2	8.6	5	75	282	9	030	23884	3	-54.4	11.8	4	67	51	2
050	20688	3	-65.1		3	95	95	10	050	20646	2	-52.7	8.1	2	93	281	13	050	20651	0	-58.8	11.0	1	80	281	4
100	16687	2	-80.3		2	93	95	13	100	16189	1	-53.8	7.6	1	95	284	19	100	16317	0	-58.0	8.5	0	94	269	15
150	14325	2	-65.0	9.4	2	63	90	10	150	13588	1	-54.4	7.1	1	93	285	26	150	13745	0	-55.4	8.1	0	95	266	18
200	12518	2	-50.2	9.0	2	41	95	5	200	11754	1	-56.4	6.4	1	90	286	26	200	11919	0	-57.8	7.2	0	89	268	17
300	9740	2	-27.7	9.5	2	36	90	3	300	9148	1	-47.0	6.4	1	83	290	25	300	9313	0	-44.9	7.2	0	83	276	15
500	5885	2	-3.1	7.2	2	29	290	2	500	5562	0	-21.1	8.1	0	80	291	16	500	5688	0	-17.3	8.3	0	82	290	9
700	3151	3	11.5	6.8	2	50	280	3	700	2999	0	-5.6	9.1	0	75	298	9	700	3084	0	-4	8.1	0	63	327	5
850	1499	3	20.8	5.8	2	64	270	5	850	1442	0	6.1	11.2	0	63	311	5	850	1499	0	10.9	10.4	0	60	322	3
1007	* 20		27.3	2.7					940	* 611		6.2	8.4					909	* 919		11.9	8.2				

UPPER AIR

MAY 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
ASIA - CHINA BEIJING 54511 MAY 2003 3956N 11617E OB 3									ASIA - CHINA LHASA 55591 MAY 2003 2940N 09108E OB 3									ASIA - CHINA KUNMING 56778 MAY 2003 2501N 10241E OB 3								
030	23892	5	-54.1		6	50	267	2	030	23864	0	-54.8		0	40	64	2	030	23848	5	-53.4		9	0	87	8
050	20674	0	-60.1		0	83	288	5	050	20672	0	-64.9		0	67	118	2	050	20658	2	-65.9		9	83	98	5
100	16394	0	-61.4	17.5	0	0	279	24	100	16594	0	-73.4		0	0	263	20	100	16655	0	-79.1		9	75	265	6
150	13844	0	-56.0	16.5	0	97	278	31	150	14156	0	-60.8	9.4	0	97	258	36	150	14269	0	-63.9	8.6	5	94	269	16
200	12014	0	-56.0	15.4	0	94	277	30	200	12318	0	-48.9	11.1	0	97	257	38	200	12448	0	-50.0	10.2	3	91	267	20
300	9369	0	-42.2	16.6	0	86	277	18	300	9556	0	-32.3	10.6	0	0	254	26	300	9676	0	-29.1	10.9	0	90	259	18
500	5706	0	-15.0	21.0	0	73	274	8	500	5782	0	-8.1	5.1	0	67	242	4	500	5833	0	-5.0	8.1	0	93	259	14
700	3077	0	2.2	14.2	0	57	278	4	652	*3650		7.5	7.9					700	3113	0	9.3	4.6	0	91	256	10
850	1479	0	12.3	10.5	0	50	237	3										809	*1892		17.3	5.1				
1009	* 55		17.9	5.6																						
ASIA - CHINA SHANGHAI 58362 MAY 2003 3124N 12128E OB 3									AFRICA - MADEIRA FUNCHAL 08522 MAY 2003 3238N 01654W OB 3									AFRICA - MOROCCO CASABLANCA 60155 MAY 2003 3334N 00740W OB 1								
030	23901	1	-53.2		1	20	127	1	030	23924	2	-54.6		2	56	113	2	030	23920	21	-55.4	32.3	9	54	91	3
050	20685	0	-64.2		0	40	285	2	050	20702	2	-60.4		2	36	70	1	050	20705	11	-60.1	30.7	9	40	118	2
100	16568	0	-71.2		0	0	280	23	100	16439	2	-63.8		2	90	265	5	100	16427	4	-63.1	30.2	4	92	273	11
150	14108	0	-60.1	12.2	0	97	284	37	150	13941	1	-62.5		2	82	275	6	150	13927	0	-61.9	23.2	1	94	268	16
200	12278	0	-51.9	11.2	0	97	279	38	200	12162	1	-59.5		4	41	283	4	200	12140	0	-58.3	17.9	1	70	279	12
300	9553	0	-34.4	11.5	0	93	278	26	300	9524	1	-40.7		1	35	303	3	300	9497	0	-40.7	19.5	1	63	283	9
500	5775	0	-8.3	15.0	0	81	278	13	500	5829	1	-11.6	22.9	2	38	315	1	500	5808	0	-12.2	25.9	2	43	285	5
700	3089	0	6.3	13.4	0	56	282	5	700	3166	1	5.7	24.1	2	43	24	2	700	3147	0	6.4	24.2	2	58	257	4
850	1477	1	12.8	8.4	0	25	347	2	850	1555	0	12.8	20.7	0	77	42	3	850	1527	0	16.0	20.6	2	36	7	2
1011	* 4		18.8	3.6					1014	* 56		21.8	9.4					1010	* 62		18.9	3.0				
AFRICA - ALGERIA DAR-EL-BEIDA 60390 MAY 2003 3643N 00315E OB 3									AFRICA - ALGERIA BECHAR 60571 MAY 2003 3137N 00214W OB 3									AFRICA - ALGERIA IN SALAH 60630 MAY 2003 2712N 00228E OB 2								
030									030									030	23900	10	-54.3		9	86	120	5
050	20710	9	-69.2						050	20701	3	-60.9		4	42	100	2	050	20685	3	-61.7		3	87	120	6
100	16398	1	-61.4		2	82	280	11	100	16453	1	-64.6		2	95	270	15	100	16512	1	-68.8		1	99	260	23
150	13871	0	-59.6		0	88	270	15	150	13957	0	-61.4		1	98	270	22	150	14053	0	-62.9		0	98	260	35
200	12075	0	-59.0		0	78	270	15	200	12165	0	-58.4		2	92	270	21	200	12256	0	-56.7		0	98	260	34
300	9448	0	-42.7		0	68	260	13	300	9522	0	-40.8		0	81	270	14	300	9585	0	-38.4	22.2	0	96	280	24
500	5784	0	-13.9	18.1	1	51	250	7	500	5832	0	-12.2	19.9	1	81	260	10	500	5871	0	-11.4	21.2	0	89	260	13
700	3141	0	3.6	16.2	2	38	260	3	700	3165	0	7.5	17.2	1	57	250	5	700	3187	0	10.7	27.2	1	59	260	6
850	1535	0	13.7	13.2	1	21	220	2	850	1530	0	20.6	23.5	0	25	120	2	850	1534	0	23.8	30.8	2	16	70	1
1015	* 25		23.2	8.4					923	* 773		26.9	24.5					980	* 293		37.1	31.5				

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
AFRICA - ALGERIA TAMANRASSET 60680 MAY 2003 2247N 00531E OB 3									AFRICA - TUNISIA TUNIS-CARTHAGE 60715 MAY 2003 3650N 01014E OB 1									AFRICA - MAURITIUS VACOAS (MAURITIUS) 61995 MAY 2003 2018S 05730E OB 3								
030									030	23900	16	-56.8	30.9	9	48	52	3	030								
050	20675	6	-63.2		8	85	85	7	050	20700	5	-60.4	28.0	7	19	53	1	050								
100	16579	1	-73.4		2	94	265	18	100	16385	1	-59.9	27.0	5	69	255	9	100	16609	5	-78.8		9	70	275	10
150	14156	0	-64.8		2	98	270	33	150	13851	0	-59.6	20.6	4	83	282	13	150	14226	5	-64.4		5	83	280	19
200	12363	0	-54.6		2	98	270	35	200	12059	0	-60.4	9.3	2	76	287	14	200	12418	5	-52.0		2	87	280	21
300	9655	0	-35.1	18.3	0	98	280	22	300	9445	0	-43.1	10.4	2	64	291	11	300	9680	5	-32.5	16.7	1	89	270	17
500	5902	0	-10.8	10.3	2	50	300	5	500	5785	0	-13.8	17.1	2	66	283	8	500	5877	6	-6.0	17.8	1	65	270	6
700	3204	0	12.8	25.2	1	49	295	4	700	3138	0	4.3	17.3	1	48	271	5	700	3169	5	8.7	9.3	0	22	95	2
850	1532	0	28.2	36.6	0	30	205	2	850	1529	0	14.2	15.4	1	23	273	2	850	1536	5	16.5	4.1	1	73	85	6
867	*1378		28.6	30.1					1016	* 4		18.8	4.3					967	* 425		21.0	1.0				
AFRICA - OCEAN ISLANDS (FRANCE) PORT-AUX-FRANCAIS (ILES KERG) 61998 MAY 2003 4921S 07015E OB 2									AFRICA - EGYPT MERSA MATRUH 62306 MAY 2003 3120N 02713E OB 3									AFRICA - EGYPT HELWAN 62378 MAY 2003 2952N 03120E OB 3								
030									030									030								
050	20210	10	-59.8		9	97	264	30	050	20769	6	-59.5	7.4	8	63	125	3	050	20777	1	-59.3	2.6	2	51	135	3
100	15862	4	-57.2		5	93	258	28	100	16497	1	-61.8	8.6	2	96	261	15	100	16532	0	-64.0	2.2	1	97	255	17
150	13286	3	-56.7		3	89	257	29	150	13961	1	-57.3	12.6	2	98	266	22	150	14010	0	-58.0	13.2	1	98	260	26
200	11467	3	-57.6		3	85	254	32	200	12140	1	-56.3	18.8	1	96	265	23	200	12185	0	-54.6	21.8	0	97	265	29
300	8864	2	-49.8		3	80	255	29	300	9491	1	-40.8	19.6	1	84	270	16	300	9516	0	-39.8	22.0	0	96	265	20
500	5352	2	-25.3	12.0	3	80	255	22	500	5802	0	-11.9	28.2	0	73	275	9	500	5820	0	-11.7	31.1	0	89	265	10
700	2829	2	-10.0	12.7	3	81	252	18	700	3133	0	6.6	29.9	0	58	280	6	700	3144	0	7.7	27.4	0	76	250	6
850	1312	2	-3.4	6.8	3	79	255	14	850	1514	0	16.4	21.8	0	40	280	3	850	1513	0	18.6	20.7	0	21	320	1
998	* 30		3.8	3.5					1010	* 29		24.6	11.9					995	* 141		32.7					
AFRICA - SUDAN KHARTOUM 62721 MAY 2003 1536N 03233E OB 3									AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 MAY 2003 0902N 03845E OB 2									AFRICA - KENYA NAIROBI/DAGORETTI 63741 MAY 2003 0118S 03645E OB 3								
030									030									030								
050	20630	10	-64.9		9	94	115	9	050	20640		-65.9		9	33	100	1	050	20620	23	-68.0		9	79	80	7
100	16609	3	-80.1		6	46	190	7	100	16630	22	-80.3		4	38	80	2	100	16592	1	-81.2		1	99	100	2
150	14250	2	-66.7		2	57	240	11	150	14260	22	-66.5		3	20	90	1	150	14232	1	-66.5		1	30	50	4
200	12456	2	-52.9		2	76	250	11	200	12460	22	-52.7		1	38	90	3	200	12438	0	-53.1		0	48	15	5
300	9710	0	-30.7	25.7	3	75	250	8	300	9720	22	-30.3		3	43	90	2	300	9697	0	-30.9		0	25	65	2
500	5890	0	-7.1	19.9	3	30	220	5	500	5885	22	-6.1		2	38	90	2	500	5872	0	-5.4	6.4	0	64	95	3
700									700	3157	22	15.2		2	28	80	1	700	3156	0	8.6	2.7	0	63	75	4
850	1501	0	27.0	31.1	2	46	340	7	772	*2354		26.6	15.2					823	*1798		15.9	.7				
963	* 380		39.6	38.5																						

UPPER AIR

MAY 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
AFRICA - SEYCHELLES SEYCHELLES INT. AIRPORT 63985 MAY 2003 0440S 05532E OB 3									AFRICA - SOUTH AFRICA IRENE 68263 MAY 2003 2555S 02813E OB 3									AFRICA - SOUTH AFRICA BETHLEHEM 68461 MAY 2003 2825S 02833E OB											
030	23759	5	-57.9	30.2	8	99	92	24	030	23862	21	-54.1			9	99	76	5	030		8	-57.2			9				7
050	20616	4	-67.0	21.7	7	71	277	5	050	20647	15	-63.1			9	46	17	3	050		8	-52.2			9	75	256	21	
100	16603	2	-80.7	13.4	5	69	56	6	100	16501	11	-69.7			9	85	271	14	100		8	-42.6			9	81	260	33	
150	14246	1	-66.8	13.3	3	34	88	4	150	14050	7	-61.8			9	95	276	26	150		8	-35.3			9	80	274	21	
200	12450	1	-52.8	13.5	2	34	98	4	200	12238	5	-55.2	22.1		9	92	277	26	200		8	-29.1	27.6		9	78	270	17	
300	9703	1	-30.4	14.5	2	19	127	1	300	9556	4	-38.0	19.9		9	89	277	23	300	8195	8	-18.9	30.1		9	80	265	12	
500	5873	1	-5.1	14.9	2	11	175	1	500	5836	4	-10.9	33.1		9	83	275	12	500	5342	8	3.0	34.3		9	74	248	9	
700	3153	1	10.6	11.6	1	24	176	2	700	3169	4	4.4	17.4		9	36	254	2	700	3054	8	9.9	26.8		9	54	258	3	
850	1508	1	18.3	5.0	1	19	130	1	850	1573	9	11.4	9.1		9	59	143	2	837	*1687		17.5	15.4						
993	* 4		28.4	4.0					854	*1523		10.4	6.4																
AFRICA - SOUTH AFRICA SPRINGBOK 68512 MAY 2003 2967S 01790E OB									AFRICA - SOUTH AFRICA DE AAR 68538 MAY 2003 3065S 02400E OB 3									AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 MAY 2003 2997S 03095E OB 3											
030	23426	4	-53.8		4	38	254	3	030	23867	3	-54.9			9	0	305	12	030	23892	15	-54.5			9	30	249	2	
050	20347	2	-61.3		2	66	292	5	050	20650	3	-61.7			9	23	67	2	050	20674	12	-61.8			9	67	269	5	
100	16282	1	-66.8		1	93	265	19	100	16429	0	-66.2			9	95	261	18	100	16466	3	-66.9			8	89	282	16	
150	13892	1	-63.2		1	90	264	26	150	13943	0	-61.4			9	93	262	21	150	13975	2	-59.8			6	90	279	24	
200	12162	1	-57.5	14.9	1	86	256	25	200	12145	0	-57.3	17.0		9	81	249	21	200	12165	1	-56.1	17.2		5	83	268	26	
300	9527	1	-39.5	17.9	1	80	250	20	300	9493	0	-40.5	19.8		9	81	251	17	300	9504	1	-40.1	16.3		6	79	262	20	
500	5822	1	-11.7	22.1	1	75	258	12	500	5809	0	-12.7	22.4		5	81	252	11	500	5813	1	-12.7	19.6		6	72	265	10	
700	3159	1	5.5	22.0	2	72	272	7	700	3159	0	3.2	17.4		3	67	279	6	700	3164	1	3.4	15.0		6	72	258	6	
850	1546	1	14.6	19.0	2	41	358	3	850	1559	0	13.7	13.5		4	39	310	2	850	1562	1	12.9	10.1		6	34	249	2	
906	*1007		13.2	12.5					878	*1287		18.0	13.7					1019	* 14		17.3	3.1							
AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 MAY 2003 3397S 01860E OB 3									AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 MAY 2003 3398S 02562E OB 3									AFRICA - SOUTH AFRICA MARION ISLAND 68994 MAY 2003 4653S 03752E OB 3											
030	23824	13	-55.9		9	0	290	15	030	23853	16	-55.1			9	95	267	14	030	23506	10	-61.4			9	98	271	35	
050	20621	9	-61.1		9	0	245	12	050	20631	2	-60.4			8	92	271	10	050	20352	2	-60.6			4	99	273	29	
100	16242	5	-63.6		9	98	268	12	100	16368	0	-63.5			4	88	269	18	100	16022	2	-58.6			4	97	273	30	
150	13784	4	-58.8		9	96	257	19	150	13856	0	-59.8			4	89	266	24	150	13463	2	-57.2			5	92	272	31	
200	12017	4	-56.1	17.1	9	97	269	16	200	12054	0	-57.9	15.6		4	81	257	25	200	11658	2	-59.7	14.8		6	90	271	36	
300	9411	4	-39.3	17.7	9	90	269	14	300	9415	0	-42.0	15.6		3	69	261	19	300	9075	2	-47.4	11.1		4	87	274	36	
500	5776	4	-13.1	29.2	9	84	263	8	500	5754	0	-14.7	21.0		4	77	267	12	500	5499	2	-21.6	11.1		3	85	273	27	
700	3147	4	3.5	29.5	9	58	281	4	700	3123	0	1.7	15.7		5	70	274	8	700	2939	2	-6.0	14.0		2	80	275	19	
850	1552	4	10.9	18.2	9	25	340	1	850	1531	0	11.4	10.1		6	75	271	8	850	1397	2	1.0	15.5		3	77	274	14	
1016	* 46								1011	* 69		13.7	2.6					1007	* 21		5.6	3.5							

UPPER AIR

MAY 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 - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 MAY 2003 7118N 15647W OB 3								N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 MAY 2003 6652N 16238W OB 3								N AMERICA - USA (ALASKA) NOME 70200 MAY 2003 6430N 16526W OB 3										
030	24070	0	-45.8	19.7	0	92	93	6	030	24017	1	-47.7	26.4	1	93	105	6	030	23993	1	-48.2	25.8	1	95	98	6
050	20672	0	-46.2	18.9	0	68	113	3	050	20648	1	-48.0	26.0	1	86	129	4	050	20634	0	-48.6	25.7	0	87	118	4
100	16080	0	-47.3	17.2	0	31	207	2	100	16085	1	-48.8	25.3	1	60	215	3	100	16081	0	-49.3	25.2	0	52	223	2
150	13400	0	-47.2	15.8	0	36	246	3	150	13420	1	-48.6	24.9	1	58	236	4	150	13420	0	-48.6	24.3	0	51	241	4
200	11495	0	-47.8	13.4	0	24	273	3	200	11530	1	-49.7	20.6	1	50	253	6	200	11532	0	-50.1	19.3	0	54	246	6
300	8838	0	-49.7	8.4	0	28	266	6	300	8895	1	-50.1	9.7	1	48	251	10	300	8896	0	-49.6	8.5	0	45	235	8
500	5367	0	-29.8	8.1	0	28	258	4	500	5407	1	-27.8	9.3	1	40	235	6	500	5398	0	-27.4	11.3	0	35	216	4
700	2892	0	-14.5	7.2	0	26	245	3	700	2908	1	-12.3	12.6	1	33	222	3	700	2898	0	-12.0	10.0	0	38	194	3
850	1399	0	-7.3	7.9	1	15	207	1	850	1402	1	-5.1	9.2	2	36	176	3	850	1390	0	-4.7	7.8	0	40	206	3
1015	* 4		-6.6	1.5					1013	* 5		1.5	3.7					1012	* 7		.5	3.2				
N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 MAY 2003 6110N 15001W OB 3								N AMERICA - USA (ALASKA) COLD BAY 70316 MAY 2003 5512N 16243W OB 3								N AMERICA - USA (ALASKA) YAKUTAT 70361 MAY 2003 5931N 13940W OB 3										
030	23975	1	-49.8	25.2	1	92	95	6	030	23933	1	-51.0	23.2	1	90	99	5	030	23967	3	-50.8	23.9	3	88	97	5
050	20638	1	-50.2	25.2	1	74	116	4	050	20620	1	-52.0	22.5	1	20	126	1	050	20648	3	-51.2	23.6	3	43	122	2
100	16114	1	-50.1	25.0	1	41	252	3	100	16142	1	-52.7	21.9	1	84	264	6	100	16138	3	-50.6	23.6	3	43	241	4
150	13461	0	-49.2	23.9	0	52	258	4	150	13510	1	-50.5	20.8	2	79	267	9	150	13481	2	-49.1	22.4	2	54	261	6
200	11578	0	-50.4	18.1	1	46	266	5	200	11638	0	-52.0	16.0	0	71	266	13	200	11596	2	-49.8	18.5	3	47	267	6
300	8954	0	-49.7	8.5	0	34	274	5	300	9007	0	-47.5	9.3	0	53	264	12	300	8959	2	-49.8	8.1	3	24	285	4
500	5450	0	-26.4	9.7	0	20	193	2	500	5461	0	-23.8	9.9	0	35	242	6	500	5457	2	-26.6	7.7	2	14	220	2
700	2937	0	-10.4	8.9	0	53	156	4	700	2925	1	-9.1	6.4	0	18	241	3	700	2950	2	-10.9	6.0	2	53	151	4
850	1416	0	-1.1	5.5	1	32	127	2	850	1401	0	-2.1	4.7	0	12	242	2	850	1430	2	-1.1	6.7	4	72	143	4
1006	* 40		6.4	5.6					1008	* 31		3.9	1.9					1013	* 9		3.3	1.0				
N AMERICA - USA (ALASKA) SHEMA AFB 70414 MAY 2003 5243N 17406E OB 3								N AMERICA - USA KEY WEST/INT., FL. 72201 MAY 2003 2433N 08145W OB								N AMERICA - USA SHREVEPORT/REG., LA. 72248 MAY 2003 3228N 09347W OB 2										
030									030	23949	1	-52.7	11.9	1	94	91	9	030	23870	2	-55.1	21.9	4	48	66	2
050									050	20715	1	-61.5	9.0	1	86	77	5	050	20658	2	-61.6	17.7	3	21	79	1
100									100	16565	0	-72.2	7.5	0	88	292	12	100	16468	2	-68.1	12.3	5	88	283	14
150	13549								150	14145	0	-65.2	8.2	0	86	286	20	150	14006	2	-64.1	8.5	5	93	282	26
200	11671	6	-50.7		9	85	270	19	200	12353	0	-55.2	9.6	0	78	283	18	200	12228	2	-58.3	6.8	3	85	289	26
300	9029	3	-46.4		6	68	268	20	300	9650	0	-34.6	13.5	0	75	288	11	300	9559	2	-37.5	10.2	4	87	277	21
500	5479	1	-24.5	16.7	4	65	266	12	500	5874	0	-7.6	16.3	0	57	290	4	500	5825	0	-9.9	14.8	1	80	274	12
700	2953	1	-9.8	12.3	4	57	262	7	700	3174	0	8.5	13.5	0	20	194	1	700	3138	0	8.4	14.2	0	70	277	8
850	1434	1	-3.1	8.7	4	50	262	5	850	1544	0	16.8	6.6	0	52	161	3	850	1508	0	16.3	8.9	0	63	245	6
1014	* 31		4.4	3.6					1015	* 6		26.5	3.4					1003	* 79		19.9	2.0				

UPPER AIR

MAY 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 - USA NEWPORT, NC 72305 MAY 2003 3447N 07653W OB 2									N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 MAY 2003 3615N 08634W OB 3									N AMERICA - USA STERLING, VA. 72403 MAY 2003 3859N 07728W OB 3								
030	23882	4	-54.6	22.4	9	24	137	1	030	23937	1	-54.0	14.6	1	22	33	1	030	23899	5	-54.7	19.2	5	13	46	1
050	20654	3	-59.4	19.4	9	42	299	2	050	20698	1	-59.1	11.0	2	39	340	2	050	20662	4	-58.6	17.9	4	37	325	2
100	16383	3	-64.6	14.1	8	84	286	11	100	16408	1	-62.8	9.7	5	88	286	13	100	16346	3	-61.4	16.4	3	82	275	11
150	13901	1	-63.3	9.4	7	88	278	21	150	13899	1	-60.9	9.4	5	91	282	24	150	13812	3	-58.0	13.4	4	84	277	20
200	12124	1	-59.3	7.5	7	85	279	25	200	12107	1	-58.1	9.4	4	90	280	29	200	12002	3	-57.7	9.1	5	85	267	30
300	9475	1	-39.3	10.3	8	87	276	21	300	9450	1	-39.3	12.4	3	89	278	25	300	9355	2	-41.9	6.7	2	83	264	24
500	5770	1	-12.2	16.3	7	84	274	14	500	5752	1	-12.6	11.8	1	87	276	17	500	5698	2	-15.2	10.6	3	83	267	13
700	3114	0	3.6	13.3	4	83	263	9	700	3101	1	3.8	12.9	1	77	275	10	700	3075	2	-1.1	5.7	4	81	256	9
850	1512	0	12.3	7.5	4	63	258	5	850	1500	1	11.7	5.7	2	67	258	7	850	1492	2	9.0	4.7	4	43	257	3
1014	* 11		17.0	1.5					993	* 180		15.3	1.8					1006	* 98		13.0	1.6				
N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 MAY 2003 4108N 10041W OB 3									N AMERICA - USA MEDFORD/MEDFORD- JACKSON COU 72597 MAY 2003 4222N 12252W OB 3									N AMERICA - USA CHANHASSEN, MN 72649 MAY 2003 4451N 09334W OB 2								
030	23878	0	-56.1	21.0	0	57	40	2	030	23887	1	-55.4	14.3	2	24	116	1	030	23900	2	-55.8	21.3	2	72	61	3
050	20663	0	-59.5	19.7	0	27	306	2	050	20648	1	-57.8	13.5	3	65	234	3	050	20672	0	-57.8	20.6	0	47	355	2
100	16351	0	-60.5	17.6	0	79	284	12	100	16304	0	-59.2	12.3	4	91	258	12	100	16308	0	-57.5	19.7	0	75	290	10
150	13810	0	-58.4	14.5	1	85	277	21	150	13744	0	-56.3	11.3	4	86	257	16	150	13729	0	-55.0	18.4	0	78	287	18
200	12000	0	-57.3	10.3	1	80	275	26	200	11919	0	-56.0	9.7	3	84	259	20	200	11888	0	-54.5	13.3	0	73	282	21
300	9360	0	-42.3	9.0	0	81	271	22	300	9285	0	-43.5	9.3	1	84	255	20	300	9256	0	-44.9	9.7	0	62	287	15
500	5702	0	-15.1	9.4	0	80	278	14	500	5659	0	-17.8	9.4	0	84	252	14	500	5639	0	-17.7	15.5	0	62	294	10
700	3069	0	2.7	9.4	1	76	288	8	700	3058	0	-2.0	11.2	0	67	244	6	700	3039	1	-2.1	14.9	0	35	309	4
850	1474	0	9.8	6.2	3	14	248	2	850	1490	0	5.9	5.3	0	9	211	1	850	1472	0	6.0	7.4	0	11	348	1
917	* 849		8.9	1.7					970	* 405		9.5	2.8					980	* 287		9.2	3.3				
N AMERICA - USA INT. FALLS/FALLS INT. MN. 72747 MAY 2003 4834N 09323W OB 3									N AMERICA - USA BISMARCK/MUN., ND. 72764 MAY 2003 4646N 10045W OB 3									N AMERICA - USA GREAT FALLS, MT 72649 MAY 2003 4451N 09334W OB 2								
030	23916	6	-55.2	21.8	6	85	73	4	030	23920	2	-55.0	18.3	7	48	52	2	030	23901	2	-55.5	15.9	2	54	89	3
050	20671	3	-56.9	20.4	3	46	3	2	050	20681	1	-56.8	16.3	7		279	2	050	20655	1	-56.7	14.8	1	36	235	2
100	16269	2	-55.5	20.9	2	70	285	8	100	16291	1	-56.1	15.3	4	69	271	9	100	16262	0	-56.5	13.7	0	86	259	10
150	13671	1	-53.2	19.8	1	74	284	12	150	13704	1	-54.8	14.0	6	77	274	15	150	13680	0	-54.8	12.8	1	88	261	14
200	11820	1	-54.2	13.4	1	69	278	14	200	11873	0	-55.2	11.4	6	70	277	16	200	11841	0	-54.7	11.0	2	84	265	17
300	9203	1	-46.1	8.6	1	60	282	11	300	9251	0	-45.3	10.4	0	57	283	13	300	9218	0	-45.7	11.1	0	76	258	19
500	5606	1	-19.6	14.7	1	34	270	5	500	5633	0	-17.6	13.7	1	59	286	9	500	5623	0	-19.9	9.4	0	83	260	12
700	3030	1	-4.9	8.3	1	12	100	1	700	3036	0	-2.2	10.2	1	35	305	3	700	3043	0	-3.3	8.2	0	77	281	7
850	1474	1	5.3	9.2	1	15	143	2	850	1468	0	6.8	6.9	2	10	184	1	850	1475	0	7.0	7.4	3	68	252	6
973	* 361		5.5	4.0					955	* 506		7.5	2.6					886	*1131		5.5	3.4				

UPPER AIR

MAY 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 - USA SPOKANE, WA 72747 MAY 2003 4834N 09323W OB 3									N AMERICA - CANADA NORMAN WELLS UA, N.W.T. 71043 MAY 2003 6517N 12645W OB 3									N AMERICA - CANADA HALL BEACH UA, N.W.T. 71081 MAY 2003 6846N 08113W OB 3								
030	23922	0	-54.5	15.7	0	52	99	2	030	24041	0	-48.4	33.5	0	85	94	6	030	24084	0	-46.4	33.4	2	80	89	6
050	20660	0	-55.5	14.5	1	63	208	3	050	20685	0	-48.9	33.2	2	31	122	2	050	20699	0	-47.4	32.6	1	37	76	2
100	16253	0	-55.8	13.3	2	91	249	9	100	16127	0	-48.2	33.2	0	51	230	4	100	16118	0	-47.3	32.3	1	49	285	4
150	13663	0	-54.0	12.6	3	91	249	13	150	13451	0	-47.4	31.2	0	59	248	6	150	13425	0	-45.1	32.3	0	62	280	7
200	11814	0	-53.8	10.9	2	86	251	17	200	11550	0	-48.1	24.5	0	63	256	8	200	11502	0	-44.6	29.1	3	62	276	8
300	9182	0	-46.2	9.1	0	80	249	21	300	8909	0	-50.5	8.9	2	50	272	9	300	8805	1	-46.2	16.1	1	61	275	13
500	5605	0	-21.3	8.4	0	84	242	12	500	5426	0	-28.6	6.4	0	58	276	7	500	5310	0	-29.2	9.7	0	57	282	9
700	3038	0	-4.4	7.2	0	75	246	6	700	2933	0	-12.1	4.9	0	71	287	6	700	2831	0	-14.5	6.6	1	44	293	5
850	1477	0	6.6	8.8	1	64	221	4	850	1416	0	-2.4	6.0	0	67	290	5	850	1341	0	-9.1	3.1	2	30	316	3
931	* 728		6.9	3.6					1005	* 95		.7	3.0					1009	* 6		-5.8	1.3				
N AMERICA - CANADA ALERT UA, N.W.T. 71082 MAY 2003 8230N 06220W OB 3									N AMERICA - CANADA PORT HARDY UA, B.C. 71109 MAY 2003 5041N 12722W OB 3									N AMERICA - CANADA EDMONTON STONY PLAIN, ALTA 71119 MAY 2003 5332N 11406W OB 3								
030	24195	0	-41.8	30.9	0	71	94	4	030	23946	0	-52.7	25.8	0	72	108	4	030	23976	1	-53.2	27.9	3	80	95	4
050	20744	0	-43.3	31.0	0	33	98	2	050	20659	0	-53.8	25.0	0	43	180	2	050	20687	1	-53.1	28.1	2	49	183	2
100	16094	0	-44.9	30.3	0	15	225	1	100	16209	0	-53.5	24.1	0	69	248	8	100	16226	1	-52.7	26.7	2	81	252	7
150	13383	0	-44.1	30.1	0	18	222	2	150	13588	0	-51.3	21.5	0	67	255	11	150	13604	1	-51.9	22.4	2	80	254	10
200	11449	0	-43.5	29.1	0	21	227	2	200	11717	0	-51.7	15.6	1	65	254	16	200	11741	1	-53.5	14.0	2	70	250	13
300	8757	0	-49.0	12.1	0	24	272	3	300	9082	0	-47.3	8.1	0	59	250	15	300	9128	1	-48.1	7.2	3	52	247	11
500	5297	0	-31.0	7.6	0	28	253	3	500	5537	0	-23.6	8.9	1	56	233	8	500	5563	0	-22.5	7.9	0	52	245	7
700	2837	0	-17.1	8.2	0	36	241	2	700	2999	0	-8.1	8.1	0	65	215	6	700	3006	0	-5.8	4.8	0	45	265	4
850	1364	0	-11.4	7.2	0	28	258	2	850	1464	0	.6	4.7	0	59	193	4	850	1453	0	4.7	8.6	0	44	315	3
1011	* 65		-12.1	2.4					1015	* 17		6.7	2.4					924	* 766		5.5	4.8				
N AMERICA - CANADA SABLE ISLAND, N.S. 71600 MAY 2003 4356N 06001W OB 3									N AMERICA - CANADA YARMOUTH, N.S. 71603 MAY 2003 4352N 06606W OB 3									N AMERICA - CANADA MANIWAKI, QUE. 71722 MAY 2003 4623N 07558W OB 3								
030	23916	1	-54.6	29.1	1	24	58	1	030	23908	0	-54.8	27.8	1	37	67	2	030	23924	0	-53.8	29.6	0	68	80	3
050	20668	1	-57.1	28.4	1	40	267	2	050	20657	0	-56.9	26.4	0	35	277	2	050	20666	0	-56.7	28.1	0	34	332	2
100	16293	0	-58.2	27.2	0	73	272	9	100	16287	0	-57.9	25.3	0	69	270	8	100	16273	0	-56.2	26.8	0	80	282	8
150	13726	0	-56.5	20.9	0	79	266	15	150	13717	0	-55.6	22.1	0	78	267	15	150	13679	0	-53.2	23.7	0	73	273	11
200	11909	0	-57.9	12.4	0	78	264	24	200	11888	0	-56.7	14.0	0	79	266	22	200	11828	1	-53.9	15.8	1	69	273	15
300	9287	0	-43.8	9.5	0	73	264	21	300	9265	0	-44.5	9.8	0	76	261	20	300	9204	0	-45.9	9.0	0	53	270	13
500	5647	0	-17.0	10.6	0	71	270	12	500	5641	0	-17.3	13.6	0	75	268	11	500	5608	0	-19.5	12.5	0	49	262	7
700	3041	0	-1.3	13.9	0	61	272	7	700	3041	0	-2.4	8.9	0	57	272	6	700	3027	0	-4.1	12.1	0	10	238	1
850	1474	0	5.9	10.4	0	34	267	4	850	1474	0	5.5	6.2	0	32	280	3	850	1473	0	3.6	5.9	0	19	102	2
1016	* 4		6.4	2.3					1011	* 9		9.0	3.1					993	* 173		7.8	1.6				

UPPER AIR

MAY 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 ST. JOHN'S UA,NLFD 71801 MAY 2003 4737N 05245W OB 3									N AMERICA - CANADA SEPT-ILES UA,QUE. 71811 MAY 2003 5013N 06615W OB 3									N AMERICA - CANADA STEPHENVILLE UA,NFLD 71815 MAY 2003 4834N 05834W OB 3								
030	23903	0	-54.0	29.0	2	54	83	3	030	23953	0	-52.6	29.1	0	80	85	4	030	23910	0	-53.7	27.3	1	67	82	3
050	20644	0	-55.9	28.1	1	26	233	1	050	20672	0	-54.8	28.5	1	21	32	1	050	20644	0	-55.7	26.6				
100	16246	0	-56.1	27.2	1	80	271	8	100	16248	0	-55.0	27.9	0	63	277	6	100	16236	0	-55.7	26.5	0	66	279	7
150	13658	0	-54.0	24.1	0	80	274	14	150	13641	0	-52.5	24.8	0	60	273	8	150	13644	0	-53.1	24.9	1	67	275	11
200	11813	0	-54.7	17.1	0	71	271	20	200	11786	0	-54.2	14.9	0	53	269	9	200	11797	0	-55.3	15.8	0	67	272	16
300	9182	0	-45.0	11.2	2	60	276	18	300	9168	0	-45.8	9.5	0	47	266	11	300	9176	0	-45.8	9.5	0	57	271	15
500	5587	0	-20.1	9.7	0	58	281	12	500	5580	0	-20.5	14.0	0	40	277	6	500	5581	0	-19.8	15.1	0	56	282	10
700	3010	0	-4.7	12.5	0	46	286	7	700	3014	0	-6.5	9.8	0	18	360	2	700	3007	0	-5.4	7.3	0	40	294	5
850	1460	0	2.4	11.5	0	31	315	4	850	1475	0	1.1	8.0	0	24	37	2	850	1458	0	2.7	8.2	0	10	315	1
1000	* 140		4.8	4.1					1012	* 53		6.7	5.1					1014	* 60		7.3	5.1				
N AMERICA - CANADA GOOSE UA,NFLD. 71816 MAY 2003 5318N 06022W OB 3									N AMERICA - CANADA LA GRANDE IV,QUE. 71823 MAY 2003 5345N 07340W OB 3									N AMERICA - CANADA MOOSONEE,ONT. 71836 MAY 2003 5116N 08039W OB 3								
030	23944	2	-52.2	31.7	2	78	82	4	030	23956	0	-52.0	29.6	9	70	88	5	030	23968	0	-52.6	29.0	6	80	69	5
050	20651	2	-53.8	31.1	2	31	4	2	050	20665	0	-54.2	28.5	9	24	345	1	050	20688	0	-54.8	28.1	5	61	35	3
100	16208	2	-53.7	31.3	2	65	293	6	100	16220	0	-53.5	25.9	9	82	297	7	100	16256	0	-54.0	26.4	5	64	299	5
150	13599	1	-51.8	29.6	2	64	295	8	150	13609	0	-51.5	21.5	9	84	285	8	150	13637	0	-51.5	22.4	6	63	281	6
200	11738	1	-53.9	17.7	1	55	289	10	200	11729	0	-53.5	13.7	9	62	277	8	200	11768	0	-53.8	15.5	8	53	280	7
300	9123	0	-46.6	12.0	1	47	286	10	300	9111	0	-47.3	8.2	9	39	272	7	300	9156	0	-47.1	10.3	6	38	290	6
500	5543	0	-22.1	13.7	0	39	297	6	500	5555	0	-23.0	10.1	9	31	277	5	500	5587	0	-21.5	13.7	5	43	287	6
700	2994	0	-7.3	12.2	0	34	335	4	700	3010	0	-7.7	9.3		23	275	3	700	3026	0	-5.9	12.7	5	25	293	3
850	1460	0	-1	10.4	1	27	334	3	850	1475	0	1.0	8.8		7	270	1	850	1481	0	2.4	9.0	6	22	294	2
1013	* 36		5.6	7.6					981	* 307		5.1	6.0					1018	* 10		6.0	4.2				
N AMERICA - CANADA PICKLE LAKE, ONT. 71845 MAY 2003 5127N 09012W OB 2									N AMERICA - CANADA THE PASS UA, MAN 71867 MAY 2003 5358N 10106W OB 3									N AMERICA - CANADA KUUJJUAQ, UA,QUE. 71906 MAY 2003 5807N 06825W OB 3								
030	23930	8	-54.1	30.0	4	87	95	5	030	23976	1	-52.9	31.2	0	85	82	5	030	24004	1	-50.1	31.1	3	83	78	5
050	20668	8	-55.4	30.0	4	30	346	1	050	20697	0	-54.0	30.3	0	22	6	1	050	20680	1	-51.6	30.0	3	21	347	1
100	16236	4	-54.2	30.1	3	75	277	7	100	16241	0	-53.1	30.0	0	71	271	7	100	16191	1	-52.0	28.7	2	70	290	6
150	13628	2	-52.6	27.7	1	70	283	10	150	13620	0	-51.8	27.1	0	78	270	11	150	13554	1	-49.9	25.7	2	72	286	9
200	11771	1	-54.0	17.0	0	65	282	11	200	11760	0	-53.2	17.5	0	67	273	12	200	11681	1	-52.8	17.6	1	62	281	11
300	9168	0	-47.3	10.4	0	52	275	10	300	9142	0	-47.8	10.8	0	46	260	10	300	9049	1	-47.1	10.8	2	57	285	12
500	5593	0	-21.2	13.1	2	37	300	5	500	5579	0	-21.6	13.1	0	48	254	7	500	5508	1	-24.4	10.8	1	60	289	10
700	3030	0	-5.7	14.6	0	26	279	3	700	3016	0	-5.2	13.8	1	43	254	5	700	2975	0	-8.7	10.2	1	65	273	8
850	1480	0	4.4	11.3	0	14	288	1	850	1462	0	4.8	10.1	0	38	230	3	850	1446	0	-1.3	9.0	0	64	263	6
972	* 389		6.5	5.4					982	* 274		5.8	5.2					1012	* 60		3.2	6.4				

UPPER AIR

MAY 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 INUKJUAK, QUE 71907 MAY 2003 5827N 07807W OB 3									N AMERICA - CANADA IQALUIT, N.W.T. 71909 MAY 2003 6345N 06833W OB 3									N AMERICA - CANADA CHURCHILL UA, MAN. 71913 MAY 2003 5844N 09405W OB 3								
030	24014	1	-50.2	31.1	0	81	67	5	030	24039	3	-48.1	32.1	9	76	102	6	030	24016	3	-51.1	29.0	3	73	66	4
050	20692	1	-51.6	30.3	0	39	21	2	050	20684	3	-49.3	31.5	9	27	82	2	050	20704	3	-52.1	28.8	3	36	347	2
100	16206	0	-51.9	29.4	1	65	292	6	100	16146	3	-50.0	30.7	9	55	295	5	100	16213	2	-51.6	28.9	2	73	279	6
150	13565	0	-49.5	27.2	0	73	282	9	150	13485	3	-47.6	30.1	9	63	281	8	150	13571	1	-50.2	27.1	1	74	273	9
200	11683	0	-51.5	18.5	0	69	276	11	200	11579	1	-48.9	23.6	9	59	281	11	200	11698	1	-52.1	19.5	1	70	279	11
300	9043	0	-46.6	12.0	0	59	277	12	300	8927	0	-47.2	13.3	9	57	273	17	300	9077	1	-48.2	10.2	1	67	279	15
500	5493	0	-24.3	14.3	0	63	271	11	500	5401	0	-26.2	9.9	9	53	268	12	500	5529	1	-23.1	11.1	1	69	278	12
700	2961	0	-8.7	10.1	0	67	272	9	700	2889	0	-11.2	10.1	9	52	261	8	700	2982	1	-6.9	10.6	1	65	279	9
850	1435	0	-1.6	9.0	0	72	263	7	850	1381	0	-6.0	4.4	9	23	240	3	850	1442	1	1.3	10.3	1	58	272	6
1013	* 6		-1.6	2.6					1009	* 34		-1.2	2.4					1012	* 29		.8	2.9				
N AMERICA - CANADA CORAL HARBOUR UA, N.W.T. 71915 MAY 2003 6412N 08322W OB 3									N AMERICA - CANADA EUREKA UA, N.W.T. 71917 MAY 2003 7959N 08556W OB 3									N AMERICA - CANADA RESOLUTE UA, N.W.T. 71924 MAY 2003 7442N 09458W OB 3								
030	24027	4	-48.8	31.9	7	79	78	5	030	24176	0	-42.4	31.8	0	78	91	5	030	24134	0	-44.3	28.6	1	84	86	5
050	20679	4	-49.7	31.5	7	21	4	2	050	20736	0	-43.8	31.8	0	55	81	3	050	20721	0	-45.4	28.1	1	44	59	2
100	16147	4	-49.9	31.2	7	65	277	6	100	16094	0	-44.9	31.5	1	11	292	1	100	16103	0	-45.5	27.9	1	46	292	3
150	13484	4	-47.6	29.6	7	68	275	9	150	13379	0	-44.0	31.6	0	12	220	1	150	13392	0	-44.1	27.9	0	48	265	3
200	11585	4	-48.6	22.6	8	76	280	14	200	11444	0	-43.6	30.0	0	8	202	1	200	11457	0	-43.6	25.6	0	47	284	4
300	8930	4	-48.0	10.0	7	73	280	18	300	8748	0	-48.3	14.7	1	20	112	3	300	8758	0	-47.9	12.3	1	39	292	6
500	5417	4	-26.1	8.1	6	73	276	13	500	5283	0	-31.7	7.7	0	23	120	2	500	5286	0	-30.8	8.0	0	37	292	5
700	2904	4	-10.9	7.3	7	70	281	10	700	2833	0	-17.8	5.8	0	12	129	1	700	2824	0	-16.3	6.9	0	29	333	2
850	1391	4	-4.6	7.8	6	55	280	6	850	1362	0	-11.5	5.7	0	19	122	1	850	1348	0	-11.8	4.0	0	27	4	2
1006	* 57		-5.3	1.5					1013	* 10		-11.0	4.6					1004	* 40		-9.3	1.9				
N AMERICA - CANADA CAMBRIDGE BAY UA, N.W.T. 71925 MAY 2003 6908N 10504W OB 3									N AMERICA - CANADA BAKER LAKE UA, N.W.T. 71926 MAY 2003 6419N 09600W OB 3									N AMERICA - CANADA FORT SMITH UA, N.W.T. 71934 MAY 2003 6002N 11156W OB 3								
030	24079	2	-46.9	32.0	3	88	86	6	030	24035	1	-49.1	32.4	2	85	82	5	030	24002	2	-50.9	30.2	1	82	91	4
050	20704	2	-48.1	31.3	2	34	42	2	050	20689	1	-49.9	31.6	1	34	35	2	050	20678	1	-51.1	30.3	0	21	198	1
100	16124	1	-47.1	31.3	0	59	271	4	100	16154	1	-49.6	31.3	1	71	286	6	100	16167	1	-50.7	30.0	0	70	255	5
150	13431	1	-45.8	30.6	0	77	269	8	150	13489	0	-47.5	31.3	0	82	274	9	150	13518	1	-49.7	26.7	0	78	260	9
200	11513	1	-45.2	26.7	0	78	271	9	200	11590	0	-48.5	25.0	1	81	273	13	200	11640	1	-51.3	17.6	0	77	260	12
300	8835	1	-49.2	10.9	1	65	270	12	300	8940	0	-48.8	9.0	2	75	277	19	300	9031	1	-50.0	6.6	1	65	255	15
500	5349	0	-28.7	9.6	1	71	278	10	500	5425	0	-26.0	7.2	0	73	279	13	500	5498	1	-24.0	9.2	1	68	261	11
700	2862	0	-13.9	9.7	0	63	292	7	700	2911	0	-10.7	6.5	0	68	284	9	700	2961	1	-7.9	7.2	0	57	273	7
850	1372	0	-9.1	6.3	0	49	305	5	850	1397	0	-4.0	8.1	0	56	289	6	850	1425	1	1.4	9.7	0	34	301	3
1012	* 26		-11.2	2.6					1012	* 50		-5.5	2.0					988	* 203		3.3	4.5				

UPPER AIR

MAY 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 FORT NELSON UA,B.C. 71945 MAY 2003 5850N 12236W OB 3									N AMERICA - CANADA INUVIK UA,N.W.T. 71957 MAY 2003 6819N 13332W OB 3									N AMERICA - CANADA WHITEHORSE, UA, Y.T. 71964 MAY 2003 6042N 13504W OB 3								
030	24020	2	-50.4	31.7	6	84	104	5	030	24067	2	-47.0	33.6	2	86	93	6	030	23990	13	-49.5	33.2		72	105	5
050	20691	1	-50.9	31.4	4	38	155	2	050	20692	2	-47.7	33.6	1	35	137	2	050	20642	7	-50.2	33.1	8	39	122	2
100	16176	1	-50.4	31.2	3	66	232	6	100	16114	1	-47.1	33.6	0	43	226	3	100	16114	4	-50.0	32.9	3	42	243	3
150	13520	1	-49.1	29.3	3	76	236	9	150	13428	1	-46.8	32.3	0	51	252	5	150	13457	3	-48.4	32.5	2	49	252	5
200	11629	1	-50.2	22.1	4	78	238	11	200	11521	1	-47.0	27.7	0	50	266	6	200	11568	2	-48.8	26.4	2	43	262	5
300	9011	1	-50.2	8.2	4	74	223	14	300	8874	0	-50.7	9.1	0	50	277	10	300	8932	1	-50.4	10.3	4	34	259	6
500	5496	1	-26.0	11.7	2	61	237	7	500	5399	0	-29.0	6.5	0	59	271	9	500	5449	1	-28.1	11.0	1	27	246	3
700	2979	1	-9.7	6.6	2	44	266	3	700	2912	0	-13.4	6.0	0	59	277	6	700	2951	0	-11.1	6.5	0	49	208	4
850	1445	1	2.3	9.8	3	40	308	3	850	1409	0	-5.6	5.6	0	55	292	4	850	1430	0	-.2	8.7	0	57	175	4
968	* 378		3.3	4.0					1008	* 103		-3.1	2.4					930	* 704		.2	6.3				
N AMERICA - ST. MAARTEN, ST.EUST., SABA JULIANA AIRPORT, ST. MAARTEN 78866 MAY 2003 1803N 06307W OB 2									N AMERICA - CURACAO AND BONAIRE HATO AIRPORT,CURACAO 78988 MAY 2003 1212N 06858W OB 3									S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 MAY 2003 0309S 05959W OB 2								
030	23921	8	-55.1		9	97	88	21	030									030	23893	10	-55.8	25.1	9	99	94	25
050	20709	3	-64.7		3	93	82	11	050									050	20719	6	-65.2	18.7	6	64	287	5
100	16621	3	-75.0		3	82	264	5	100									100	16656	4	-79.2	10.7	4	76	260	8
150	14244	2	-63.4		3	90	273	9	150	14268	26	-65.5		9	94	266	14	150	14291	3	-66.7	12.5	3	85	271	15
200	12434	0	-52.3		1	84	273	9	200	12471	23	-52.0		9	75	228	9	200	12494	3	-52.4	13.8	3	73	291	10
300	9704	0	-33.2		1	78	278	7	300	9713	16	-30.4	9.6	9	92	250	8	300	9739	3	-30.2	15.3	4	20	254	2
500	5916	0	-6.5	22.4	0	66	33	4	500	5887	8	-4.7	12.1	9	72	123	4	500	5902	3	-5.2	6.6	3	92	80	6
700	3211	0	7.7	6.5	0	79	96	6	700	3169	6	10.1	10.4	9	97	113	9	700	3175	3	9.2	3.9	3	94	85	8
850	1575	0	15.6	11.5	0	94	95	8	850	1526	4	18.2	3.9	9	99	112	10	850	1535	3	17.9	1.8	3	94	89	9
1018	* 9		25.7	20.0					1007	* 62		27.2	3.8					1004	* 84		25.8	1.1				
S AMERICA - BRAZIL FORTALEZA 82397 MAY 2003 0346S 03836W OB									S AMERICA - BRAZIL NATAL (AEROPORTO) 82599 MAY 2003 0555S 03515W OB 2									S AMERICA - BRAZIL FLORIANO 82678 MAY 2003 0646S 04301W OB 2								
030	23789	12	-57.1		9	98	96	25	030									030	23783	14	-57.6		9	99	94	20
050	20639	10	-67.8		9	60	261	6	050									050	20626	4	-67.1		4	43	272	3
100	16609	7	-79.8		8	41	287	5	100	16661	14	-77.7	16.1					100	16599	3	-79.5		3	58	286	6
150	14248	4	-67.6		4	90	268	19	150	14285	14	-66.4	18.6	9	85	267	17	150	14240	2	-67.8		2	91	258	16
200	12458	2	-53.6		2	72	272	11	200	12488	12	-52.7	20.3	9	76	271	11	200	12453	2	-53.9		2	82	263	12
300	9717	2	-30.8	21.5	2	12	257	1	300	9736	10	-30.0	23.6	9	41	264	5	300	9717	2	-31.2	20.3	2	50	253	4
500	5890	2	-4.9	16.6	2	86	94	6	500	5898	10	-5.0	19.4	9	63	113	3	500	5893	2	-5.3	18.5	2	70	84	4
700	3169	2	10.0	12.7	2	95	89	9	700	3175	9	9.9	12.5	9	85	105	6	700	3173	2	9.7	12.1	2	93	99	7
850	1533	2	17.2	5.1	2	96	108	10	850	1538	8	17.3	4.6	9	92	114	7	850	1537	2	17.8	6.4	2	96	100	8
1011	* 26		27.1	3.1					1009	* 52		29.2	4.4					1000	* 123		26.8	5.1				

UPPER AIR

MAY 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	%
S AMERICA - BRAZIL CAROLINA 82765 MAY 2003 0720S 04728W OB 2								S AMERICA - PERU LIMA-CALLAO/AEROP. INTERNACI 84628 MAY 2003 1200S 07707W OB 2								S AMERICA - CHILE ANTOFAGASTA 85442 MAY 2003 2326S 07027W OB 2															
030	23808	14	-58.4		9	99	92	21	030	23909	18	-55.2		9	99	88	16	030	23830	3	-54.0										
050	20644	8	-66.6		9	31	274	2	050	20689	14	-62.3		9	54	95	3	050	20616	3	-63.2										
100	16606	8	-79.0		9	63	277	6	100	16582	14	-78.3		9	81	262	10	100	16496	2	-72.1			5	89	275	16				
150	14248	7	-68.0		9	86	262	15	150	14203	14	-65.6		9	93	273	21	150	14068	1	-64.8			4	91	274	23				
200	12462	6	-53.9		8	77	270	12	200	12388	14	-52.8		9	88	280	17	200	12282	0	-57.6			4	88	271	25				
300	9725	6	-31.1	14.9	9	60	239	5	300	9656	13	-31.2	32.2	9	77	271	10	300	9599	0	-36.9	21.5		3	82	274	19				
500	5902	5	-5.3	12.0	7	30	68	2	500	5874	13	-6.0	17.0	9	76	34	5	500	5850	0	-8.2	32.6		5	73	281	9				
700	3183	5	8.9	8.9	7	99	98	7	700	3151	13	11.5	16.8	9	80	146	5	700	3147	0	10.3			3	70	341	4				
850	1546	5	18.3	5.9	7	92	97	8	850	1506	13	18.3	16.7	9	58	134	3	850	1504	0	19.8	30.3		3	59	72	3				
993	* 192		25.5	2.1					1012	* 13		16.7	1.4						1002	* 140		15.0	3.5								
S AMERICA - CHILE ISLA DE PASCUA 85469 MAY 2003 2710S 10926W OB 1								S AMERICA - CHILE PUERTO MONTT 85799 MAY 2003 4126S 07306W OB 2								S AMERICA - CHILE PUNTA ARENAS 85934 MAY 2003 5300S 07051W OB 2															
030	23880	4	-53.9						030	23743	4	-58.6		5	82	249	10	030													
050	20654	2	-61.4	29.8	2	46	273	2	050	20545	4	-59.5		4	89	260	12	050	20296	4	-59.5			4	96	264	22				
100	16448	2	-68.6						100	16199	0	-58.6		0	92	268	19	100	15916	1	-55.6	31.9		2	97	262	21				
150	13983	2	-62.7		3	82	263	22	150	13639	0	-55.9	30.0	0	88	267	22	150	13329	1	-54.3	30.4		1	93	264	22				
200	12196	1	-57.9	17.8	1	78	272	20	200	11809	0	-56.6		1	82	269	24	200	11498	1	-58.4	20.8		2	85	266	24				
300	9531	1	-38.4	17.5	2	75	280	15	300	9195	0	-46.0	13.8	2	67	271	20	300	8921	0	-50.4	12.0		1	76	256	25				
500	5812	0	-10.6	31.5	2	70	275	9	500	5604	0	-20.2	16.0	2	67	275	14	500	5407	0	-25.5	11.4		0	81	259	18				
700	3143	0	4.9	18.1	1	38	284	4	700	3027	0	-3.9	13.6	1	57	275	8	700	2884	0	-8.9	13.1		0	78	258	14				
850	1536	0	11.9	7.7	3	25	343	2	850	1429	0	4.3	8.7	1	47	286	4	850	1352	0	-.5	7.6		0	75	258	12				
1012	* 69		21.8	5.7					1007	* 90		7.1	.5						1001	* 43		4.9	3.7								
S AMERICA - ARGENTINA CORDOBA AERO 87344 MAY 2003 3119S 06413W OB /								S AMERICA - ARGENTINA EZEIZA AERO 87576 MAY 2003 3449S 05832W OB 3								S AMERICA - ARGENTINA SANTA ROSA AERO 87623 MAY 2003 3634S 06416W OB /															
030	23796	4	-56.7	24.8	5	84	270	7	030	23778	6	-58.4		8	92	270	11	030	23778	11	-58.0			9	90	265	9				
050	20597	1	-62.0	29.1	2	65	260	5	050	20591	4	-61.0		6	89	265	9	050	20583	2	-60.9			3	86	254	9				
100	16384	0	-66.4	26.5	0	90	270	23	100	16316	2	-63.3		4	95	270	22	100	16302	2	-61.7			2	91	265	21				
150	13869	0	-60.0	17.6	0	91	270	31	150	13809	0	-59.4		4	89	270	28	150	13736	2	-58.6			2	85	270	28				
200	12113	0	-58.9	14.3	0	85	265	34	200	12014	0	-59.5		7	86	270	35	200	11970	2	-59.0			2	81	270	31				
300	9470	0	-40.6	13.1	0	73	275	21	300	9388	0	-42.5	14.2	9	89	275	29	300	9349	2	-43.3	9.7		2	77	269	26				
500	5779	0	-12.2	23.4	1	75	265	13	500	5730	0	-14.6	20.2	9	85	270	17	500	5699	0	-16.0	16.3		0	81	258	18				
700	3114	0	5.8	23.0	1	45	290	5	700	3099	0	2.2	20.7	6	66	270	8	700	3086	0	1.0	19.6		0	63	275	8				
850	1510	0	11.0	10.6	4	44	340	4	850	1508	0	9.6	16.6	8	48	255	5	850	1499	0	8.6	12.6		0	39	250	4				
962	* 474		10.3	2.8					1016	* 20		10.7	1.2						994	* 191		7.4	2.0								

UPPER AIR

MAY 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 - UK FALKLAND ISLANDS MOUNT PLEASANT AIRPORT 88889 MAY 2003 5149S 05827W OB									ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 MAY 2003 7530S 02639W OB 2									ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 MAY 2003 6633S 09301E OB 1								
030	23473	1	-61.6	23.7	1	97	257	27	030	22088	23	-78.4	14.9	9	92	245	21	030	22643	11	-68.3	5.8	9	94	279	37
050	20295	1	-59.8	23.9	1	98	255	24	050	19150	11	-74.8	14.9	9	86	238	18	050	19529	5	-66.0	5.9	9	94	280	31
100	15922	1	-56.0	23.7	1	97	257	23	100	15001	3	-68.1	15.9	3	83	232	13	100	15299	2	-60.6	5.7	2	93	276	22
150	13340	0	-54.8	19.7	0	94	257	23	150	12535	2	-63.6	14.5	2	70	228	10	150	12760	1	-57.6	5.3	2	92	273	19
200	11516	0	-58.1	12.2	0	91	258	26	200	10768	1	-63.0	10.8	1	56	217	8	200	10946	1	-58.5	4.8	1	86	273	18
300	8940	0	-50.5	8.3	0	85	255	26	300	8273	1	-60.3	7.7	4	48	199	8	300	8394	1	-55.1	4.6	1	72	275	14
500	5427	0	-25.1	10.3	0	86	255	18	500	4940	1	-38.5	9.7	1	6	119	1	500	4987	1	-34.9	6.6	1	43	278	5
700	2898	0	-8.3	13.7	0	75	254	12	700	2549	1	-22.9	7.9	1	28	55	3	700	2572	1	-21.2	7.3	1	9	45	1
850	1367	0	-1	11.1	0	67	253	9	850	1109	1	-16.9	7.5	1	60	57	7	850	1173	1	-17.8	7.2	1	77	89	9
997	* 73		4.8	2.1					981	* 30		-22.5	2.4					981	* 30		-17.1	2.9				
ANTARCTICA - GERMANY (ANTARCTIC) NEUMAYER 89002 MAY 2003 7040S 00815W OB 2									ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 MAY 2003 6900S 03935E OB 1									ANTARCTICA - AUSTRALIA (ANTARCTIC) MAWSON 89564 MAY 2003 6736S 06252E OB 3								
030	22149	3	-75.7	15.6	4	97	260	25	030	22220	0	-75.4		0	98	274	33	030	22319	7	-73.1		7	97	273	36
050	19170	2	-73.1	16.3	3	96	257	20	050	19247	0	-72.7		0	97	274	27	050	19310	5	-70.7		7	96	271	30
100	15053	2	-66.7	19.2	3	87	256	13	100	15116	0	-66.2		0	93	272	21	100	15147	3	-64.9	26.9	5	94	267	24
150	12578	2	-62.5	20.5	3	82	252	10	150	12638	0	-62.4		0	90	269	20	150	12650	3	-60.6	26.4	5	90	265	21
200	10800	2	-62.3	16.0	3	62	253	9	200	10862	0	-62.6		0	84	266	19	200	10855	3	-60.0	20.9	5	88	264	21
300	8299	2	-60.1	6.8	3	39	250	6	300	8353	0	-58.1		0	73	263	18	300	8322	3	-57.9	12.2	5	79	263	20
500	4958	2	-37.7	9.1	4	9	262	1	500	4989	0	-37.5		0	60	261	9	500	4964	3	-37.4	11.3	5	67	257	11
700	2564	2	-22.7	8.8	4	19	59	2	700	2594	0	-22.8	7.4	0	26	270	2	700	2576	3	-24.6	13.1	4	36	230	4
850	1117	2	-15.5	7.0	4	49	66	5	850	1148	0	-15.6	7.5	0	57	33	5	850	1154	3	-22.1	8.9	3	75	104	7
981	* 50		-18.5	3.1					986	* 21		-12.8	4.1					9999	* 16							
ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 MAY 2003 6835N 07758W OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 MAY 2003 6617S 11031E OB 3									ANTARCTICA - FRANCE (ANTARCTIC) DUMONT D'URVILLE 89642 MAY 2003 6640S 14001E OB 1								
030									030	22568	6	-68.6	27.2	6	96	281	41	030								
050	19284	3	-70.4	23.3	4	95	273	29	050	19469	4	-66.7	27.1	4	94	281	33	050	19562	9	-65.1					
100	15108	1	-64.8	24.8	2	93	271	20	100	15226	1	-62.1	27.2	1	93	277	25	100	15235	3	-60.6		6	96	271	28
150	12618	0	-61.3	23.4	2	91	271	17	150	12700	1	-58.8	25.8	3	92	276	21	150	12695	2	-57.7		4	96	270	24
200	10830	0	-60.9	18.3	0	89	274	17	200	10894	1	-58.6	20.2	2	88	270	19	200	10879	3	-56.8		3	96	268	23
300	8313	0	-59.0	9.4	0	77	281	16	300	8361	0	-57.6	12.2	0	70	268	17	300	8323	3	-56.5		3	84	269	21
500	4959	0	-37.7	10.9	0	57	295	7	500	4984	0	-35.7	13.8	0	56	261	10	500	4944	2	-37.0		3	70	259	11
700	2567	0	-23.3	13.7	0	18	353	2	700	2572	0	-21.2	15.1	0	43	236	5	700	2825	2	-23.5	12.1	3	44	220	4
850	1133	0	-19.2	9.8	0	75	42	7	850	1123	0	-16.2	9.7	0	13	54	1	850	1116	2	-21.1	12.2	4	84	116	8
9999	* 13								9999	* 42								982	* 43		-16.3	7.9				

UPPER AIR

MAY 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 MAY 2003 0518N 10016E OB 3									SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 MAY 2003 0610N 10217E OB 3									SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 MAY 2003 0122N 10359E OB 3								
030	23769	11	-58.4	30.7	9	99	89	27	030	23776	0	-57.8	31.1	0	99	90	26	030	23740	0	-58.6	29.3	1	99	89	27
050	20622	10	-67.3	21.5	9	33	89	2	050	20624	0	-67.2	20.7	0	50	93	4	050	20609	0	-68.3	20.7	2	66	281	5
100	16616	0	-80.8	13.3	0	91	89	13	100	16620	0	-81.1	13.4	0	93	91	15	100	16601	0	-80.9	12.0	1	73	81	11
150	14263	0	-67.4	10.9	0	96	78	21	150	14271	0	-67.2	11.3	0	94	78	19	150	14251	0	-67.4	10.4	0	96	67	21
200	12469	0	-52.4	9.5	0	91	72	12	200	12474	0	-52.2	10.4	0	90	71	11	200	12457	0	-52.6	8.9	0	94	68	15
300	9712	0	-29.6	8.9	0	36	95	2	300	9715	0	-29.4	9.8	0	34	65	2	300	9704	0	-29.9	9.6	0	83	87	7
500	5870	0	-4.5	10.2	0	11	266	1	500	5872	0	-4.3	11.1	0	26	310	2	500	5865	0	-4.4	12.3	0	30	107	2
700	3144	0	10.5	8.4	0	63	251	5	700	3146	0	10.4	7.8	0	63	267	5	700	3141	0	10.4	9.5	0	80	262	8
850	1499	0	19.2	6.4	0	56	211	3	850	1500	0	19.6	6.5	0	68	255	4	850	1495	0	19.4	6.5	0	73	246	5
9999	* 4								9999	* 5								1006	* 16		28.9	3.5				
SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 91285 MAY 2003 1943N 15504W OB 2									SW PACIFIC - NEW CALEDONIA NOUMEA (NLE-CALEDONIE) 91592 MAY 2003 2216S 16627E OB /									SW PACIFIC - FIJI NANDI 91680 MAY 2003 1745S 17727E OB 3								
030	23847	0	-54.8	13.1	0	98	89	13	030	23847	8	-53.8		8	71	76	5	030	23919	7	-53.2					
050	20651	0	-64.2	10.1	0	95	93	8	050	20636	5	-64.4		8	60	59	3	050	20699	3	-63.5					
100	16528	0	-73.0	8.7	0	70	276	9	100	16546	7	-75.3		9	92	280	18	100	16640	0	-78.5	19.4				
150	14124	0	-66.5	9.6	0	87	281	25	150	14148	4	-65.4		7	93	276	36	150	14265	0	-66.1	18.6				
200	12338	0	-55.1	11.6	0	88	278	24	200	12350	4	-53.2		4	91	279	38	200	12463	0	-52.1	20.8	7	89	271	20
300	9630	0	-34.5	16.5	0	66	277	9	300	9622	4	-33.4	18.9	4	91	281	31	300	9710	0	-30.6	18.5	6	88	277	15
500	5857	0	-7.5	29.2	0	15	72	1	500	5844	4	-8.3	24.3	4	94	284	18	500	5886	0	-4.8	23.9	6	39	285	4
700	3163	2	7.8	26.3	0	56	130	3	700	3150	4	7.5	22.0	4	78	292	7	700	3164	0	10.5	13.0	5	16	76	1
850	1545	0	13.0	4.7	0	76	104	3	850	1530	4	14.1	4.7	5	27	37	2	850	1523	0	18.2	8.8	5	56	90	3
1017	* 11		20.4	3.5					1009	* 72		24.5	4.7					1011	* 25		29.0	6.4				
SW PACIFIC - SAMOA (USA) PAGO PAGO/INT. AIRPORT 91765 MAY 2003 1420S 17043W OB 2									SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 MAY 2003 0948S 13902W OB 3									SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 MAY 2003 1733S 14937W OB 2								
030	23824	4	-55.3	19.1	5	98	88	12	030	23764	4	-57.1		6	97	91	17	030	23808	7	-54.8					
050	20624	4	-64.6	10.5	4	84	96	4	050	20589	2	-65.5		3	20	13	1	050	20611	3	-64.3		7	73	57	4
100	16604	4	-80.3	6.2	4	78	250	6	100	16573	2	-80.1		2	88	274	11	100	16553	2	-78.0		2	85	257	11
150	14248	2	-67.4	7.5	2	69	241	10	150	14222	2	-67.2		2	95	278	20	150	14187	2	-67.4		2	89	259	17
200	12457	2	-53.0	10.0	2	61	241	9	200	12431	2	-53.0		2	86	280	16	200	12407	2	-54.2		2	78	257	16
300	9712	2	-30.6	15.0	2	41	242	4	300	9689	2	-31.3	20.7	2	75	279	9	300	9680	2	-32.3	15.4	2	81	260	11
500	5882	2	-4.8	14.6	2	30	58	2	500	5860	2	-4.5	25.2	2	20	163	2	500	5870	2	-5.7	20.4	3	33	279	3
700	3157	2	10.6	7.8	2	56	81	3	700	3136	2	10.4	19.3	3	27	28	2	700	3151	2	9.8	13.2	2	25	290	2
850	1510	2	18.3	2.3	2	89	100	6	850	1499	2	16.8	4.3	3	70	77	4	850	1516	3	17.0	6.2	2	55	52	3
1010	* 3		27.6	3.0					1004	* 52		30.0	6.8					1012	* 2		29.8	7.0				

UPPER AIR

MAY 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	%
SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 MAY 2003 2308S 13458W OB								SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 MAY 2003 2321S 14929W OB								SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 MAY 2003 2737S 14420W OB 3															
030	23834	2	-54.0		2	33	85	2	030	23837	4	-54.0		4	40	68	2	030	23832	9	-53.5										
050	20620	2	-62.5		2	44	87	2	050	20623	2	-63.0		2	55	95	3	050	20613	8	-62.4		8	50	218	3					
100	16485	1	-72.9		1	91	260	16	100	16505	2	-74.9		2	92	264	17	100	16442	9	-69.9		9	91	254	16					
150	14066	1	-64.9		1	93	256	27	150	14104	2	-66.4		2	92	263	29	150	13990	8	-62.6		8	93	258	28					
200	12278	1	-55.9		1	92	254	29	200	12322	2	-55.1		2	88	257	30	200	12196	8	-56.2		8	92	253	34					
300	9584	1	-35.9	16.8	1	89	260	21	300	9614	2	-34.5	12.3	2	89	265	22	300	9521	4	-37.8		4	91	262	27					
500	5834	1	-8.6	25.3	1	76	258	10	500	5841	2	-7.8	17.9	2	78	272	11	500	5794	2	-10.8	14.7	2	80	275	14					
700	3146	1	7.2	22.4	2	29	281	2	700	3143	1	7.9	17.5	1	59	295	5	700	3127	0	4.5	21.8	1	75	285	8					
850	1527	1	13.8	5.1	2	29	53	2	850	1522	1	14.1	5.2	1	29	43	3	850	1525	0	10.4	5.9	0	12	334	1					
1005	* 89		24.4	5.0					1015	* 3		24.5	4.4					1017	* 2		21.8	5.9									
SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 MAY 2003 3678S 17463E OB 1								SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 MAY 2003 4054S 17459E OB 1								SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 MAY 2003 4625S 16819W OB 1															
030	23835	5	-55.8		6	81	276	8	030									030													
050	20610	3	-59.6		4	89	274	10	050	20536	9	-59.2						050	20456	15	-57.4		8	96	270	18					
100	16291	0	-60.7		1	94	273	21	100	16183	0	-58.6		0	93	274	20	100	16068	2	-56.3		0	94	266	21					
150	13749	0	-57.5		1	93	278	30	150	13624	0	-56.9		0	90	275	25	150	13493	1	-56.0		0	90	263	23					
200	11925	0	-56.0		1	89	275	32	200	11805	0	-57.5		0	81	274	23	200	11676	1	-58.9		0	84	257	23					
300	9296	0	-44.5		1	82	278	22	300	9204	0	-47.6		0	71	273	16	300	9095	0	-49.0		0	78	256	21					
500	5683	0	-18.4	24.4	1	70	270	11	500	5629	0	-20.3	17.2	0	77	263	12	500	5549	0	-22.5	12.5	0	84	258	18					
700	3085	0	-1.2	19.7	1	54	277	6	700	3050	0	-3.4	13.5	0	70	275	8	700	2993	0	-6.0	11.9	1	86	263	15					
850	1515	0	5.5	6.7	1	43	292	4	850	1491	0	4.5	8.3	0	62	306	5	850	1448	0	1.4	6.2	1	87	267	13					
1016	* 27		16.2	3.6					1017	* 12		14.6	5.1					1015	* 4		9.4	2.6									
SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 MAY 2003 4357S 17634W OB 1								SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 MAY 2003 2915S 17755W OB 1								SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 MAY 2003 1225S 13053E OB /															
030	23736	5	-56.4		7	97	270	14	030	23897	5	-54.2		5	34	277	2	030	23838	1	-56.1	31.9	1	99	88	15					
050	20497	2	-57.2		3	96	269	14	050	20674	3	-61.7		2	57	251	4	050	20646	1	-64.1	28.2	1	78	97	5					
100	16117	1	-57.3		1	93	274	21	100	16457	1	-67.8		1	92	275	23	100	16643	1	-81.5	15.0	1	44	182	4					
150	13539	1	-55.3		1	92	276	25	150	13984	0	-61.9		0	96	269	38	150	14292	0	-66.7	16.3	0	46	232	5					
200	11714	1	-58.1		1	90	277	26	200	12179	0	-55.1		0	95	270	43	200	12491	0	-51.7	21.7	0	42	248	5					
300	9127	1	-48.4		1	85	277	24	300	9493	0	-37.5	16.7	0	91	271	32	300	9729	0	-29.1	27.8	0	57	242	6					
500	5567	1	-21.6	15.4	1	84	273	18	500	5782	0	-12.6	22.7	0	80	272	17	500	5885	0	-4.1	31.2	0	7	251	1					
700	3002	1	-4.7	16.9	1	82	272	14	700	3138	0	2.5	18.8	0	56	278	6	700	3156	0	10.7	24.4	1	9	263	1					
850	1450	1	2.9	9.9	1	81	265	12	850	1546	0	9.1	6.6	0	24	327	2	850	1526	0	16.6	7.7	0	93	110	7					
1009	* 48		11.7	3.5					1015	* 49		20.8	5.4					9999	* 31												

UPPER AIR

MAY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 MAY 2003 1217S 13649E OB /									SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 MAY 2003 1757S 12214E OB /									SW PACIFIC - AUSTRALIA TOWNSVILLE AERO 94294 MAY 2003 1915S 14645E OB /								
030	23810	2	-57.2	31.5	2	97	90	15	030	23826	0	-55.7	31.3	0	98	82	11	030	23842	2	-54.5	31.7	6	94	76	8
050	20630	1	-65.1	25.4	1	72	106	4	050	20632	0	-65.1	25.3	0	85	108	7	050	20640	0	-64.4	27.5	4	64	114	4
100	16635	0	-81.4	13.0	0	47	198	5	100	16628	0	-80.4	14.5	0	68	257	7	100	16580	1	-77.4	16.9	3	91	263	16
150	14286	0	-66.8	13.9	0	58	254	7	150	14268	0	-66.4	16.0	0	87	260	16	150	14192	1	-64.9	18.9	3	92	266	29
200	12486	0	-51.6	18.2	0	55	259	7	200	12464	0	-51.8	19.3	0	88	263	18	200	12385	1	-51.5	21.8	2	93	265	31
300	9724	0	-29.2	25.3	1	62	243	7	300	9704	0	-29.3	26.4	0	87	259	16	300	9638	1	-32.0	21.7	3	89	268	28
500	5882	0	-4.4	29.2	2	32	244	3	500	5874	0	-5.2	26.4	0	61	259	7	500	5849	1	-7.8	20.7	4	85	272	13
700	3155	0	10.6	19.9	0	27	300	2	700	3160	0	8.3	20.7	0	36	198	2	700	3152	1	7.6	22.6	4	62	293	4
850	1522	0	16.5	7.3	0	89	113	8	850	1533	0	17.5	15.0	0	63	91	4	850	1538	1	13.4	7.0	3	70	112	5
9999	* 54								9999	* 7								9999	* 9							
SW PACIFIC - AUSTRALIA WILLIS ISLAND 94299 MAY 2003 1618S 14959E OB /									SW PACIFIC - AUSTRALIA PORT HEDLAND PARDOO 94312 MAY 2003 2022S 11838E OB /									SW PACIFIC - AUSTRALIA ALICE SPRINGS AERO 94326 MAY 2003 2348S 13353E OB /								
030	23828	0	-55.4	31.7	3	97	84	10	030	23840	3	-54.6	31.7	4	91	88	8	030	23865	1	-54.2	32.2	1	89	67	5
050	20636	0	-64.7	28.1	3	81	104	5	050	20638	3	-65.1	25.9	4	71	98	5	050	20658	1	-63.1	29.0	1	71	121	5
100	16605	0	-79.4	15.4	2	84	259	12	100	16617	2	-79.5	16.4	3	86	266	12	100	16562	1	-75.1	20.3	1	96	253	21
150	14238	0	-66.1	16.3	2	95	269	24	150	14245	2	-65.6	19.0	2	91	269	22	150	14149	1	-62.9	23.3	1	95	256	35
200	12438	0	-52.4	18.8	2	91	271	24	200	12439	2	-51.7	21.4	2	94	268	26	200	12330	0	-50.7	25.3	0	92	253	38
300	9687	0	-30.7	24.3	2	88	275	21	300	9686	1	-30.1	25.3	1	89	265	22	300	9580	0	-32.5	25.6	0	92	251	31
500	5874	0	-6.1	23.9	2	82	288	11	500	5866	0	-5.9	30.5	1	76	261	9	500	5817	0	-9.9	30.6	0	88	256	14
700	3159	0	10.4	26.1	2	73	300	5	700	3159	0	7.8	25.5	1	29	238	2	700	3148	0	5.1	32.2	0	54	252	5
850	1528	0	14.8	5.8	2	82	116	6	850	1537	0	16.3	14.0	0	57	67	4	850	1547	0	10.7	10.5	0	42	106	4
9999	* 6								9999	* 9								9999	* 546							
SW PACIFIC - AUSTRALIA MT ISA AERO 94332 MAY 2003 2041S 13929E OB /									SW PACIFIC - AUSTRALIA GERALDTON AIRPORT 94403 MAY 2003 2848S 11442E OB /									SW PACIFIC - AUSTRALIA MEEKATHARRA AIRPORT 94430 MAY 2003 2637S 11833E OB 2								
030	23835	2	-54.7	32.0	3	90	75	7	030	23844	4	-55.1	31.6	8	49	91	3	030	23846	7	-54.9	30.5	9	22	101	1
050	20635	1	-64.1	28.9	2	73	113	5	050	20647	1	-62.9	28.4	5	22	281	2	050	20650	5	-64.3	25.7	6	47	164	3
100	16572	1	-77.2	18.2	1	91	251	18	100	16503	0	-71.3	23.1	0	95	269	23	100	16548	4	-74.2	19.4	4	96	266	21
150	14185	1	-64.6	22.1	1	94	255	30	150	14060	0	-61.7	24.3	0	96	268	43	150	14127	3	-63.0	21.4	3	96	264	38
200	12375	0	-51.2	25.5	1	92	255	35	200	12235	0	-51.4	23.6	0	96	270	47	200	12310	3	-51.4	21.3	3	96	266	44
300	9623	0	-31.5	27.2	0	89	260	30	300	9513	0	-35.5	22.5	0	91	269	34	300	9574	2	-33.9	20.1	2	92	266	34
500	5839	0	-8.4	28.6	0	88	264	13	500	5783	0	-11.4	26.9	0	84	271	15	500	5816	1	-9.9	28.9	2	83	269	14
700	3152	0	6.1	35.9	0	52	221	3	700	3125	0	4.4	25.2	0	65	285	7	700	3147	1	4.6	19.8	1	52	279	5
850	1542	0	14.5	13.3	0	33	86	3	850	1525	0	11.7	10.1	1	53	292	5	850	1539	1	13.8	13.7	1	47	336	4
9999	* 340								9999	* 33								9999	* 517							

UPPER AIR

MAY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
SW PACIFIC - AUSTRALIA GILES 94461 MAY 2003 2502S 12817E OB /									SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 MAY 2003 3156S 11558E OB /									SW PACIFIC - AUSTRALIA EUCLA 94647 MAY 2003 3141S 12853E OB									
030	23849	0	-54.6	30.4	0	78	73	5	030	23834	1	-56.0	31.2						030	23846	6	-55.5	29.8	7	0	188	0
050	20646	0	-64.0	26.1	0	58	142	4	050	20633	1	-62.1	29.3					050	20644	4	-62.0	26.9	5	69	229	4	
100	16555	0	-74.9	18.4	0	94	258	20	100	16428	1	-67.6	25.8	8	96	271	25	100	16436	0	-67.0	24.6	1	95	261	23	
150	14141	0	-62.7	21.3	0	96	254	35	150	13950	0	-59.8	25.6	2	97	271	44	150	13945	0	-58.8	24.8	1	95	254	39	
200	12321	0	-50.8	22.3	0	93	254	40	200	12122	0	-52.2	24.4	0	94	270	47	200	12113	0	-52.0	23.1	1	93	255	44	
300	9577	0	-33.4	21.6	0	89	254	33	300	9423	0	-38.6	21.9	0	90	268	33	300	9425	0	-40.2	18.2	1	84	256	26	
500	5818	0	-9.7	28.9	0	79	252	13	500	5739	0	-14.4	24.4	0	84	276	15	500	5751	0	-14.5	22.9	1	69	260	11	
700	3147	0	5.0	27.4	0	40	228	4	700	3105	0	2.1	21.2	0	75	282	8	700	3121	0	1.6	22.8	1	45	265	5	
850	1545	0	11.5	12.5	0	21	57	2	850	1515	0	9.5	8.9	1	66	302	6	850	1537	0	7.9	11.2	1	26	265	2	
9999	* 598								9999	* 31								9999	* 102								
SW PACIFIC - AUSTRALIA COBAR 94711 MAY 2003 3129S 14550E OB /									SW PACIFIC - AUSTRALIA WILLIAMTOWN AERODROME 94776 MAY 2003 3248S 15150E OB /									SW PACIFIC - AUSTRALIA ALBANY AIRPORT 94802 MAY 2003 3456S 11748E OB /									
030	23847	7	-55.0	32.3	9	70	295	3	030									030	23831	5	-56.4	31.6	9	82	264	5	
050	20634	1	-61.1	29.7	3	47	281	2	050	20628	3	-60.4	29.4	3	77	282	5	050	20618	3	-60.9	29.4	7	87	268	8	
100	16386	0	-64.2	28.0	2	95	260	19	100	16351	1	-62.3	28.1	1	93	268	18	100	16363	0	-64.5	28.1	2	96	273	26	
150	13865	0	-57.1	28.7	1	93	260	28	150	13815	1	-56.7	28.4	1	91	268	27	150	13852	0	-57.8	28.3	0	96	267	40	
200	12027	0	-53.1	25.0	1	92	262	29	200	11983	1	-55.1	22.8	1	87	270	28	200	12018	0	-53.1	24.4	0	93	267	41	
300	9370	0	-43.1	18.8	1	77	265	19	300	9345	1	-44.0	18.4	1	62	266	14	300	9351	0	-41.7	21.2	0	83	272	24	
500	5738	0	-16.9	21.2	1	41	261	6	500	5722	1	-17.2	19.3	1	42	255	6	500	5704	0	-15.9	20.8	1	83	281	13	
700	3131	0	-5	16.5	1	22	251	2	700	3116	1	-1.0	17.5	1	36	235	4	700	3085	0	.6	23.1	0	70	287	8	
850	1554	0	8.0	11.4	0	0	215	0	850	1544	0	7.0	5.7	0	33	202	3	850	1504	0	8.3	9.3	0	60	295	6	
9999	* 264								9999	* 8								9999	* 69								
SW PACIFIC - AUSTRALIA MOUNT GAMBIER AERO 94821 MAY 2003 3744S 14047E OB /									SW PACIFIC - AUSTRALIA MELBOURNE AIRPORT 94866 MAY 2003 3740S 14451E OB									SW PACIFIC - AUSTRALIA WAGGA AIRPORT 94910 MAY 2003 3510S 14727E OB /									
030	23833	5	-55.4	32.0	5	67	274	5	030	23812	3	-56.2	31.8	3	79	272	7	030	23854	3	-54.8	31.8					
050	20602	2	-58.8	31.0	2	89	259	8	050	20591	2	-59.5	30.9	2	87	263	8	050	20630	0	-59.6	30.3	7	85	267	6	
100	16279	0	-59.7	30.5	0	93	256	18	100	16269	0	-59.9	30.3	0	91	261	17	100	16323	0	-60.6	29.7	3	93	263	18	
150	13724	0	-56.6	28.3	0	93	256	23	150	13716	0	-56.6	28.0	0	92	256	21	150	13773	0	-55.7	29.4	2	93	260	23	
200	11901	0	-56.8	21.0	0	85	251	19	200	11893	0	-57.2	20.5	0	75	251	16	200	11939	0	-55.5	22.1	1	81	259	19	
300	9289	0	-46.2	14.0	0	64	253	11	300	9287	0	-46.6	14.0	0	56	247	10	300	9316	0	-45.3	16.9	1	56	259	11	
500	5694	0	-18.9	17.6	0	56	259	6	500	5695	0	-19.0	15.9	0	40	261	5	500	5710	0	-18.5	18.4	1	49	264	6	
700	3103	0	-1.9	17.9	0	39	268	4	700	3106	0	-2.0	16.8	0	42	262	4	700	3116	0	-1.6	17.0	1	28	251	3	
850	1535	0	6.0	13.2	0	39	271	3	850	1539	0	6.0	11.3	1	30	283	3	850	1547	0	6.7	10.6	1	22	262	2	
9999	* 69								9999	* 132								9999	* 213								

UPPER AIR

MAY 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 MAY 2003 4250S 14729E OB /									SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 MAY 2003 3132S 15904E OB /									SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 MAY 2003 2902S 16756E OB /									
030	23761	1	-55.9	31.0	2	92	270	12	030	23873	3	-54.4	31.1	5	28	287	1	030	23854	1	-54.9	31.3	1	33	109	2	
050	20529	0	-57.6	30.5	0	93	266	13	050	20645	3	-59.7	29.7	5	72	277	4	050	20643	1	-62.1	29.1	1	60	276	3	
100	16162	0	-57.8	29.8	0	94	265	18	100	16375	0	-63.3	28.7	3	95	274	21	100	16439	0	-67.7	26.5	0	97	279	24	
150	13598	0	-57.4	26.7	0	89	261	19	150	13855	0	-57.8	29.2	4	97	277	34	150	13966	0	-61.1	24.7	0	96	280	40	
200	11794	0	-60.0	16.9	0	82	255	17	200	12021	0	-53.2	25.9	3	92	276	36	200	12151	0	-53.9	21.7	0	96	284	45	
300	9216	0	-48.1	10.9	0	74	267	15	300	9356	0	-41.9	22.6	2	79	277	25	300	9457	0	-37.8	19.8	0	94	285	35	
500	5646	0	-20.6	12.4	0	73	266	11	500	5715	0	-16.5	25.9	3	62	256	10	500	5761	0	-13.2	20.4	0	88	287	15	
700	3068	0	-3.0	14.9	0	72	266	9	700	3103	0	-1.1	21.0	2	25	228	3	700	3116	0	3.0	22.1	0	62	301	6	
850	1508	0	4.3	7.7	0	67	266	8	850	1526	0	7.6	6.4	2	25	188	3	850	1523	0	9.5	6.6	0	17	15	2	
9999	* 27								9999	* 6									9999	* 109							
SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) MACQUARIE ISLAND 94998 MAY 2003 5429S 15856E OB 3									SW PACIFIC - BRUNEI DARUSSALAM BRUNEI AIRPORT 96315 MAY 2003 0456N 11456E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 MAY 2003 0129N 11020E OB 3									
030	23441	3	-57.6	29.3	4	97	274	33	030									030	23785	4	-58.1	30.6	4	99	89	26	
050	20216	3	-57.3	29.4	4	98	272	30	050									050	20640	0	-67.4	23.3	0	70	258	5	
100	15819	2	-55.2	29.5	4	95	268	27	100	16614	12	-81.5	12.3	9	91	86	15	100	16631	0	-81.3	14.3	0	78	86	11	
150	13228	2	-54.8	27.4	3	96	268	30	150	14266	2	-67.2	7.9	6	90	60	18	150	14277	0	-66.9	12.1	0	94	67	20	
200	11398	2	-57.3	20.2	3	94	266	34	200	12469	1	-52.0	9.1	3	88	65	13	200	12479	0	-52.1	10.7	0	93	65	15	
300	8829	1	-51.4	11.8	3	89	267	36	300	9708	1	-29.4	8.6	3	75	78	6	300	9721	0	-29.5	9.6	0	86	85	8	
500	5327	0	-26.6	10.8	2	90	263	27	500	5865	1	-4.3	9.4	2	20	295	2	500	5877	0	-4.2	12.4	0	11	91	1	
700	2815	0	-10.1	13.9	1	88	262	21	700	3140	0	10.2	7.9	1	60	259	6	700	3152	0	10.5	10.1	0	72	257	6	
850	1297	0	-3.1	5.8	1	88	267	18	850	1496	0	19.1	6.3	1	70	244	6	850	1507	0	19.3	6.2	0	67	251	4	
9999	* 6								1004	* 15		27.4	2.7						9999	* 27							
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 MAY 2003 0312N 11302E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 96471 MAY 2003 0556N 11603E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 MAY 2003 0416N 11753E OB 3									
030	23794	0	-58.0	29.5	0	93	91	25	030	23786	8	-57.7	31.4	9	99	91	26	030	23794	0	-57.9	31.0	2	99	89	26	
050	20645	0	-67.3	21.6	0	32	257	2	050	20640	2	-66.6	22.8	2	41	97	3	050	20642	0	-66.6	23.5	1	4	170	1	
100	16635	0	-81.1	13.7	0	90	85	13	100	16619	0	-82.0	13.1	0	95	85	16	100	16633	0	-81.5	14.4	1	90	85	13	
150	14283	0	-66.9	11.3	0	94	62	19	150	14275	0	-67.2	11.2	0	86	60	15	150	14286	0	-66.8	12.2	0	86	59	15	
200	12484	0	-51.8	9.9	0	93	65	14	200	12478	0	-51.9	10.3	0	84	60	12	200	12485	0	-51.6	11.5	0	84	57	12	
300	9722	0	-29.2	8.8	0	88	79	8	300	9717	0	-29.3	9.3	0	81	76	6	300	9722	0	-29.2	12.0	2	89	82	8	
500	5876	0	-4.1	10.4	0	9	331	1	500	5873	0	-4.2	10.1	0	17	284	1	500	5876	0	-4.2	9.5	2	20	336	1	
700	3149	0	10.5	9.0	0	64	262	6	700	3146	0	10.2	7.4	0	64	262	6	700	3148	0	10.7	8.9	1	55	268	5	
850	1504	0	19.3	6.1	0	74	245	5	850	1503	0	19.2	6.8	0	76	242	6	850	1502	0	19.4	5.9	1	46	257	3	
9999	* 5								9999	* 3									9999	* 20							

UPPER AIR

MAY 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	
SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 MAY 2003 1211S 09649E OB 3																											
030	23769	4	-57.0	28.9	5	97	84	16																			
050	20598	1	-65.8	21.5	4	65	104	4																			
100	16606	1	-81.4	12.4	5	31	102	3																			
150	14255	1	-67.0	12.1	3	65	17	9																			
200	12461	0	-52.7	12.6	3	64	6	7																			
300	9709	0	-29.7	18.4	1	33	1	3																			
500	5869	0	-4.2	18.8	2	11	145	1																			
700	3142	0	10.2	9.4	1	45	74	3																			
850	1501	0	17.5	3.4	1	78	84	6																			
9999	*	3																									

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED				
																											hPa	gpm	°C	°C
S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 MAR 2003 1244S 06008W OB 2									S AMERICA - BRAZIL SALVADOR 83229 MAR 2003 1301S 03831W OB 2									S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 MAR 2003 1316S 04325W OB 2												
030									030									030	23699	9	-56.5			9	99	97	18			
050									050	20585	15	-68.2			9	90	100	10	050	20560	6	-66.7			6	86	94	9		
100	16590	9	-79.8			9	60	150	4	100	16563	10	-74.7			9	17	139	1	100	16548	4	-77.9			5	50	170	3	
150	14241	9	-68.4			9	56	151	5	150	14190	10	-68.7			9	79	200	11	150	14191	4	-68.4			5	87	190	13	
200	12455	9	-53.3			9	63	137	5	200	12418	10	-54.9			9	71	205	10	200	12411	3	-54.8			4	77	209	12	
300	9706	9	-30.2	11.8		9	55	127	3	300	9690	10	-32.2	13.2		9	35	197	3	300	9682	1	-32.3	13.0		3	69	203	6	
500	5875	9	-5.4	6.5		9	57	123	2	500	5884	7	-5.8	16.1		9	55	69	3	500	5877	1	-6.3	12.1		3	38	96	2	
700	3155	8	9.2	3.1		9	67	33	3	700	3171	7	9.3	11.8		7	80	87	4	700	3168	1	8.7	8.2		2	78	97	4	
850	1515	8	18.1	3.3		9	69	33	4	850	1536	7	15.5	5.5		7	91	103	6	850	1530	1	18.1	7.3		3	89	70	5	
944	* 652		22.2	.9						1008	* 51		27.5	3.3							964	* 440		24.9	3.7					
S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 MAR 2003 1552S 04756W OB 3									S AMERICA - BRAZIL CARAVELAS 83498 MAR 2003 1744S 03915W OB 2									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 MAR 2003 2028S 05440W OB 2												
030	23746	15	-58.1							030										030										
050	20599	6	-69.0							050	20586	11	-68.3			9	96	89	12	050										
100	16578	1	-75.8							100	16562	5	-74.9			6	23	97	2	100	16611	1	-78.0							
150	14218	1	-67.8							150	14180	5	-67.6			5	55	194	8	150	14243	1	-64.5							
200	12433	0	-54.2							200	12396	4	-54.7			4	66	208	12	200	12432	1	-51.7							
300	9697	0	-31.6	12.4						300	9676	3	-33.4	16.2		3	48	206	5	300	9686	1	-31.7	14.2						
500	5885	0	-6.2	7.3						500	5882	3	-6.5	22.7		4	22	318	1	500	5874	1	-5.9	14.6						
700	3178	0	8.5	6.0						700	3175	4	8.5	12.7		5	50	78	2	700	3161	1	9.6	9.4						
850	1538	0	18.6	6.9						850	1543	3	16.7	7.7		4	78	68	6	850	1523	1	18.7	7.3						
898	*1061		20.4	2.2						1015	* 3		26.7	3.8							949	* 567		24.6	7.2					
S AMERICA - BRAZIL TRINDADE (ILHA) 83650 MAR 2003 2030S 02919W OB 2									S AMERICA - BRAZIL GALEAO 83746 MAR 2003 2249S 04315W OB 2									S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 MAR 2003 2531S 04910W OB 2												
030										030										030										
050	20619	5	-66.7			8	96	89	22	050										050										
100	16568	2	-74.3			3	33	8	2	100	16622	11	-73.4	15.4		9	31	217	2	100	16611	11	-74.5	16.7		9	71	228	8	
150	14167	2	-66.7			2	52	305	6	150	14219	9	-65.7	15.8		9	63	225	11	150	14205	10	-65.3	18.4		9	89	245	20	
200	12388	2	-56.1			2	46	323	6	200	12421	6	-53.5	25.5		7	56	241	11	200	12392	7	-53.2	20.4		8	84	257	19	
300	9686	2	-34.4	20.0		2	45	336	5	300	9687	4	-32.4	18.8		6	33	240	4	300	9660	10	-33.0	25.9		9	90	262	14	
500	5898	2	-6.3	30.9		2	23	2	2	500	5888	2	-6.9	15.3		2	50	293	3	500	5870	6	-7.0	27.1		6	69	251	4	
700	3191	3	8.4	19.3		2	54	66	4	700	3181	1	7.9	5.1		1	56	333	2	700	3165	5	7.8	13.7		5	70	298	4	
850	1562	2	16.3	7.6		2	70	59	4	850	1546	1	17.7	4.7		1	51	341	2	850	1538	5	15.3	3.5		5	39	49	2	
1017	* 5		30.1	6.5						1014	* 6		26.3	3.8							915	* 908		19.6	2.3					

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 MAR 2003 3000S 05111W OB 2																											
030	24002	9	-52.8	25.9	9	95	90	10																			
050	20760	7	-61.1	22.7	7	73	99	4																			
100	16591	3	-71.4	17.5	3	83	245	10																			
150	14158	2	-63.3	16.7	2	93	258	20																			
200	12353	2	-53.7	18.0	2	89	260	21																			
300	9636	1	-33.6	17.6	2	79	264	13																			
500	5853	3	-7.6	19.0	3	67	266	6																			
700	3155	1	7.3	13.5	1	50	276	4																			
850	1530	1	15.3	6.8	1	51	326	3																			
1014	* 3		23.2	2.6																							
ASIA - INDIA NAGPUR SONEGAON 42867 APR 2003 2106N 07903E OB 3									ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 APR 2003 1742N 08318E OB 3									ASIA - INDIA GOA/PANJIM 43192 APR 2003 1529N 07349E OB 3									
030									030									030									
050									050									050									
100	16631	5	-74.2						100	14196	2	-66.8			92	267	15	100	16586	8	-78.4			8	24	275	2
150	14214	4	-63.9						150	12393	2	-51.7			96	264	21	150	14213	6	-67.3			8	88	270	13
200	12407	2	-52.8						200	9649	2	-32.1			93	259	16	200	12413	3	-54.1			4	89	262	14
300	9687	1	-33.2		6	81	271	18	300	5858		-7.1	17.6	68	267	5	300	9686		-32.0				72	266	10	
500	5899		-7.0	13.0	4	85	284	8	500	3147		11.3	12.2	51	30	2	500	5864		-6.0				23	296	1	
700	3184		12.8	12.2		62	270	3	700	1486		23.9	14.5	64	251	3	700	3154		10.9	8.2			65	89	3	
850	1509		28.1	21.7		39	273	2	850	* 66		28.8	4.1				850	1494		23.5	13.5			50	357	2	
971	* 310		32.9	15.8					1000								1001	* 60		29.4	5.6						
ASIA - INDIA COCHIN/WILLINGDON 43353 APR 2003 0957N 07616E OB 3																											
030																											
050																											
100	16555	4	-80.4																								
150	14197		-68.9																								
200	12353		-54.5																								
300	9685		-31.3																								
500	5864		-5.1	12.4																							
700	3144		10.1	8.2																							
850	1497		19.7	4.1																							
1007	* 3		29.3	4.3																							

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
86246	C	AEROPUERTOINT GUARANI	PARAGUAY	47575	C	AOMORI	JAPAN
17190	C	AFYON	TURKEY	98232	C	APARRI	PHILIPPINES
61974	C	AGALEGA	MAURITIUS	80084	C	APARTADO/LOSCEDROS	COLOMBIA
42647	CT	AHMADABAD	INDIA	83096	C	ARACAJU	BRAZIL
47602	C	AIKAWA	JAPAN	48462	C	ARANYAPRATHET	THAILAND
60560	C	AIN SEFRA	ALGERIA	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
42933	C	AKOLA	INDIA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	85406	C	ARICA	CHILE
04063	C	AKUREYRI	ICELAND	10091	C	ARKONA	GERMANY
04082	C	AKURNES	ICELAND	86330	C	ARTIGAS	URUGUAY
40420	C	AL AHSA	SAUDI ARABIA	44288	C	ARVAIHEER	MONGOLIA
41055	C	AL BAHA	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	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
31004	CT	ALDAN	RUSSIAN FEDERATION	65376	C	ATAKPAME	TOGO
07139	C	ALENCON	FRANCE	62680	C	ATBARA	SUDAN
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	17607	T	ATHALASSA	CYPRUS
71082	T	ALERT UA, N.W.T.	CANADA	16716	C	ATHINAI (AIRPORT)	GREECE
08359	C	ALICANTE	SPAIN	72219	C	ATLANTA/MUN.,GA.	USA
94326	CT	ALICE SPRINGS AERO	AUSTRALIA	72407	C	ATLANTIC CITY, NJ.	USA

STATION LIST RECENT DATA

91925	CT	ATUONA	FRENCHPOLY.	89055	C	BASE MARAMBIO (CENTROMET. A	ARGENTINA
72218	C	AUGUSTA/BUSHFIELD, GA.	USA	88968	C	BASE ORCADAS	ARGENTINA
72254	C	AUSTIN/ROBERTMUELLER.,TX.	USA	89066	C	BASE SAN MARTIN	ARGENTINA
08330	C	BADAJEZ/TALAVERA REAL	SPAIN	07790	CT	BASTIA	FRANCE
30554	C	BAGDARIN	RUSSIAN FEDERATION	44302	C	BAYAN-OVOO	MONGOLIA
83980	C	BAGE	BRAZIL	44275	C	BAYANBULAG	MONGOLIA
71727	C	BAGOTVILLE,QUE.	CANADA	44352	C	BAYANDELGER	MONGOLIA
98328	C	BAGUIO	PHILIPPINES	44287	C	BAYANHONGOR	MONGOLIA
87750	C	BAHIA BLANCA AERO	ARGENTINA	60571	CT	BECHAR	ALGERIA
86033	C	BAHIA NEGRA	PARAGUAY	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
41150	C	BAHRAIN (INT. AIRPORT)	BAHRAIN	54511	CT	BEIJING	CHINA
44265	C	BAITAG	MONGOLIA	60402	C	BEJAIA	ALGERIA
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	82191	C	BELEM	BRAZIL
07299	C	BALE-MILHOUSE	FRANCE	82193	T	BELEM (AEROPORTO)	BRAZIL
35796	C	BALHASH	KAZAKHSTAN	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA	43198	C	BELGAUM/SAMBRA	INDIA
85874	C	BALMACEDA	CHILE	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	89050	C	BELLINGSHAUSEN	USSR
61291	C	BAMAKO/SENOU	MALI	03976	C	BELMULLET	IRELAND
43295	C	BANGALORE	INDIA	83587	C	BELO HORIZONTE	BRAZIL
64656	C	BANGASSOU	CENTRALAFRICAN REP	82246	C	BELTERRA	BRAZIL
48455	CT	BANGKOK	THAILAND	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
41685	C	BAR KHAN	PAKISTAN	60518	C	BENI-SAF	ALGERIA
82784	C	BARBALHA	BRAZIL	82410	C	BENJAMIN CONSTANT	BRAZIL
80419	C	BARCELONA	VENEZUELA	13274	C	BEOGRAD	YUGOSLAVIA
08181	C	BARCELONA/AEROPUERTO	SPAIN	13275	T	BEOGRAD/KOSUTNJAK	YUGOSLAVIA
87765	C	BARILOCHEAERO	ARGENTINA	64600	C	BERBERATI	CENTRALAFRICAN REP
80440	C	BARINAS	VENEZUELA	01317	C	BERGEN/FLORIDA	NORWAY
29838	C	BARNAUL	RUSSIAN FEDERATION	10384	C	BERLIN-TEMPELHOF	GERMANY
80410	C	BARQUISIMETO	VENEZUELA	40179	T	BET DAGAN	ISRAEL
82571	C	BARRADO CORDA	BRAZIL	70219	C	BETHEL/BETHELAIRPORT, AK.	USA
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	68461	CT	BETHLEHEM	SOUTH AFRICA
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	40100	C	BEYROUTH(AEROPORT)	LEBANON
83236	C	BARREIRAS	BRAZIL	42971	CT	BHUBANESWAR	INDIA
70026	CT	BARROW/W.POST W. ROGERS	USA	12295	C	BIALYSTOK	POLAND
44305	C	BARUUN-URT	MONGOLIA	42165	C	BIKANER	INDIA
44241	C	BARUUNKHARAA	MONGOLIA	72677	C	BILLINGS/LOGANINT., MT.	USA
44213	C	BARUUNTURUUN	MONGOLIA	72515	C	BINGHAMTON/BROOMECONY.	USA
86011	C	BASE 5 "GRAL A.JARA"	PARAGUAY	96441	CT	BINTULU	MALAYSIA
89057	C	BASE ARTUROPRAT	CHILE	61401	C	BIR MOGHREIN	MAURITANIA
89034	C	BASE BELGRANOII	ARGENTINA	41084	C	BISHA	SAUDI ARABIA
89059	C	BASE BERNARDOO'HIGGINS	CHILE	60525	C	BISKRA	ALGERIA
88963	C	BASE ESPERANZA	ARGENTINA	72764	CT	BISMARCK/MUN.,ND.	USA
89053	C	BASE JUBANY	ARGENTINA	15085	C	BISTRITA	ROMANIA

STATION LIST RECENT DATA

64510	C	BITAM	GABON	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
01028	CT	BJORNOYA	NORWAY	72528	C	BUFFALO/GREATERBUFFALO,NY.	USA
31510	CT	BLAGOVESCENSK	RUSSIAN FEDERATION	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
68442	CT	BLOEMFONTEINAIRPORT	SOUTH AFRICA	44239	C	BULGAN	MONGOLIA
82024	C	BOA VISTA	BRAZIL	08075	C	BURGOS/VILLAFRIA	SPAIN
65510	C	BOBO-DIOULASSO	BURKINAFASO	72617	C	BURLINGTON/INTL,VT.	USA
01152	CT	BODO	NORWAY	17116	C	BURSA	TURKEY
80222	C	BOGOTA/ELDORADO	COLOMBIA	98330	C	CABANATUAN	PHILIPPINES
29282	C	BOGUCANY	RUSSIAN FEDERATION	08261	C	CACERES	SPAIN
65338	C	BOHICON	BENIN	07027	C	CAEN	FRANCE
72681	C	BOISE/MUN.,ID.	USA	16560	T	CAGLIARI/ELMAS	ITALY
87640	C	BOLIVAR AERO	ARGENTINA	94287	C	CAIRNS AERO	AUSTRALIA
83288	CT	BOM JESUS DA LAPA	BRAZIL	80442	C	CALABOZO	VENEZUELA
43057	C	BOMBAY/COLABA	INDIA	42807	C	CALCUTTA/ALIPORE	INDIA
43003	T	BOMBAY/SANTACRUZ	INDIA	42809	T	CALCUTTA/DUMDUM	INDIA
31253	C	BOMNAK	RUSSIAN FEDERATION	80259	C	CALI/ALFONSOBONILLAARAGON	COLOMBIA
23884	C	BOR	RUSSIAN FEDERATION	68618	C	CALVINIA	SOUTH AFRICA
91929	C	BORA-BORA	FRENCH POLY. ON	03808	T	CAMBORNE	U KINGDOM
07510	C	BORDEAUX/MERIGNAC	FRANCE	71925	T	CAMBRIDGEBAY UA, N.W.T.	CANADA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	85315	C	CAMIRI	BOLIVIA
65516	C	BOROMO	BURKINAFASO	83612	T	CAMPO GRANDE(AEROPORTO)	BRAZIL
72509	C	BOSTON/LOGANINT.,MA	USA	83698	C	CAMPOS	BRAZIL
60515	C	BOU-SAADA	ALGERIA	17112	C	CANAKKALE	TURKEY
64601	C	BOUAR	CENTRALAFRICAN REP	07661	C	CAP CEPET	FRANCE
61296	C	BOUGOUNI	MALI	71910	C	CAPE DORSET, N.W.T.	CANADA
60417	C	BOUIRA	ALGERIA	72304	C	CAPE HATTERAS,NC.	USA
07255	C	BOURGES	FRANCE	68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	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	82425	C	COARI	BRAZIL
87257	C	CERES AERO	ARGENTINA	94711	CT	COBAR	AUSTRALIA
87320	C	CHAMICAL AERO	ARGENTINA	85041	C	COBIJA	BOLIVIA
48480	C	CHANTHABURI	THAILAND	85223	C	COCHABAMBA	BOLIVIA
85230	C	CHARANA	BOLIVIA	43353	T	COCHIN/WILLINGDON	INDIA
38687	C	CHARDZHEV	TURKMENISTAN	64504	C	COCOBACH	GABON
72414	C	CHARLESTON/KANAWHA.,WV.	USA	96996	CT	COCOS ISLAND AERO	AUSTRALIA
72208	C	CHARLESTON/MUN.,SC.	USA	94791	C	COFFS HARBOURMO	AUSTRALIA
72314	C	CHARLOTTE/DOUGLAS,NC.	USA	70316	CT	COLD BAY	USA
07314	C	CHASSIRON	FRANCE	43466	C	COLOMBO	SRI LANKA
93986	T	CHATHAM ISLAND	N ZEALAND	86560	C	COLONIA	URUGUAY
93987	C	CHATHAM ISLANDS AWS	N ZEALAND	76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO
72324	C	CHATTANOOGA/LOVELFIELD, TN	USA	72310	C	COLUMBIA, SC.	USA
47184	C	CHEJU	REP KOREA	72445	C	COLUMBIA/REGIONAL,MO.	USA
56294	C	CHENGDU	CHINA	72428	C	COLUMBUS/PORTCOLUMBUS, OH.	USA
87322	C	CHEPES	ARGENTINA	76848	C	COMITAN, CHIS.	MEXICO
42515	C	CHERRAPUNJI	INDIA	87860	C	COMODORO RIVADAVIA AERO	ARGENTINA
76750	C	CHE TUMAL, Q. ROO	MEXICO	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
72564	C	CHEYENNE, WY.	USA	86134	C	CONCEPCION	PARAGUAY
41768	C	CHHOR	PAKISTAN	72605	C	CONCORD/MUN., NH.	USA
48327	CT	CHIANG MAI	THAILAND	87395	C	CONCORDIA AERO	ARGENTINA
72530	C	CHICAGO/O'HARE, IL.	USA	15480	C	CONSTANTA	ROMANIA
47971	CT	CHICHIJIMA	JAPAN	60419	C	CONSTANTINE	ALGERIA
84452	C	CHICLAYO	PERU	85470	C	COPIAPO	CHILE
87213	C	CHILECITO AERO	ARGENTINA	71915	T	CORAL HARBOUR UA, N.W.T.	CANADA
85672	C	CHILLAN	CHILE	87344	CT	CORDOBA AERO	ARGENTINA
38262	C	CHIMBAJ	UZBEKISTAN	08410	C	CORDOBA/AEROPUERTO	SPAIN
30758	CT	CHITA	RUSSIAN FEDERATION	03955	C	CORK AIRPORT	IRELAND
44259	C	CHOIBALSAN	MONGOLIA	80403	C	CORO	VENEZUELA
44298	C	CHOIR	MONGOLIA	72251	C	CORPUS CHRISTI/INT., TX.	USA
76311	C	CHOIX, SIN.	MEXICO	87166	C	CORRIENTES AERO.	ARGENTINA
21946	C	CHOKURDAH	RUSSIAN FEDERATION	17084	C	CORUM	TURKEY
47648	C	CHOSHI	JAPAN	83552	C	CORUMBA	BRAZIL
93780	C	CHRISTCHURCH	N ZEALAND	65344	C	COTONOU	BENIN
48517	C	CHUMPHON	THAILAND	85864	C	COYHAIQUE	CHILE
47101	C	CHUNCHON	REP KOREA	82704	C	CRUZEIRO DO SUL	BRAZIL
71913	T	CHURCHILL UA, MAN.	CANADA	80097	C	CUCUTA/CAMILODAZA	COLOMBIA
72421	C	CINCINNATI/GREATERCIN., OH.	USA	83361	C	CUIABA	BRAZIL
80444	C	CIUDAD BOLIVAR	VENEZUELA	80420	C	CUMANA	VENEZUELA
86248	C	CIUDAD DEL ESTE	PARAGUAY	85629	C	CURICO	CHILE
08348	C	CIUDAD REAL	SPAIN	83842	C	CURITIBA	BRAZIL
07460	C	CLERMONT-FERRAND	FRANCE	83840	T	CURITIBA (AEROPORTO)	BRAZIL
15120	C	CLUJ-NAPOCA	ROMANIA	84686	C	CUZCO	PERU
71090	C	CLYDE, N.W.T.	CANADA	43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA

STATION LIST RECENT DATA

98325	C	DAGUPAN	PHILIPPINES	72745	C	DULUTH/INT.,MN.	USA
61641	CT	DAKAR/YOFF	SENEGAL	89642	CT	DUMONT D'URVILLE	FRANCE
41712	C	DAL BANDIN	PAKISTAN	68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA
44373	C	DALANZADGAD	MONGOLIA	42731	C	DWARKA	INDIA
72259	C	DALLAS-FORT WORTH/FORT.,TX.	USA	67005	C	DZAOUDZI/PAMANZI(MAYOTTE)	COMOROS
42587	C	DALTONGANJ	INDIA	24143	C	DZARDZAN	RUSSIAN FEDERATION
40080	C	DAMASCUS INT. AIRPORT	SYRIAN ARAB REP	68858	C	EAST LONDON	SOUTH AFRICA
62805	C	DAMAZINE	SUDAN	94907	C	EAST SALE AIRPORT	AUSTRALIA
04320	CT	DANMARKSHAVN	GREENLAND	17050	C	EDIRNE	TURKEY
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	71119	T	EDMONTON STONY PLAIN, ALTA	CANADA
60390	CT	DAR-EL-BEIDA	ALGERIA	40199	C	EILAT	ISRAEL
94120	CT	DARWIN AIRPORT	AUSTRALIA	28440	C	EKATERINBURG	RUSSIAN FEDERATION
44256	C	DASHBALBAR	MONGOLIA	62337	C	EL ARISH	EGYPT
26544	C	DAUGAVPILS	LATVIA	62760	C	EL FASHER	SUDAN
89571	CT	DAVIS	AUSTRALIA	60590	C	EL GOLEA	ALGERIA
72429	C	DAYTON/. COX, OH	USA	60540	C	EL KHEITER	ALGERIA
06260	C	DE BILT	NETHERLANDS	62771	C	EL OBEID	SUDAN
06235	C	DE KOOY	NETHERLANDS	60559	C	EL OUED	ALGERIA
12882	C	DEBRECEN	HUNGARY	72270	C	EL PASO/INT., TX.	USA
65505	C	DEDOUGOU	BURKINA FASO	80437	C	EL VIGIA	VENEZUELA
40045	C	DEIR EZZOR	SYRIAN ARAB REP	60367	C	EL-KALA	ALGERIA
60387	C	DELLYS	ALGERIA	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/METROPOLITAN,MI.	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	86297	C	ENCARNACION	PARAGUAY
89054	C	DINAMET-URUGUAY	URUGUAY	29263	C	ENISEJSK	RUSSIAN FEDERATION
63471	C	DIREDAWA	ETHIOPIA	24817	C	ERBOGACEN	RUSSIAN FEDERATION
17280	CT	DIYARBAKIR	TURKEY	44237	C	ERDENEMANDAL	MONGOLIA
60670	C	DJANET	ALGERIA	53068	C	ERENHOT	CHINA
63862	C	DODOMA	U REP TANZANIA	10554	C	ERFURT-BINDERSLEBEN	GERMANY
87648	C	DOLORES AERO	ARGENTINA	17092	C	ERZINCAN	TURKEY
62650	C	DONGOLA	SUDAN	17096	C	ERZURUM	TURKEY
65501	C	DORI	BURKINA FASO	40800	C	ESFAHAN	IRAN, ISLAMIC REP
64910	C	DOUALA OBS.	CAMEROON	03162	C	ESKDALEMUIR	U KINGDOM
10488	C	DRESDEN-KLOTZSCHE	GERMANY	87803	C	ESQUEL AERO	ARGENTINA
41515	C	DROSH	PAKISTAN	60220	C	ESSAOUIRA	MOROCCO
41194	C	DUBAI INTERNATIONALAIRPORT	U ARAB EMIRATES	10410	CT	ESSEN	GERMANY
03969	C	DUBLIN AIRPORT	IRELAND	71917	T	EUREKA UA, N.W.T.	CANADA
52836	C	DULAN	CHINA	72594	C	EUREKA,CA.	USA

STATION LIST RECENT DATA

72432	C	EVANSVILLE/REG.,IN.	USA	81001	C	GEORGETOWN	GUYANA
87576	CT	EZEIZA AERO	ARGENTINA	10567	C	GERA-LEUMNITZ	GERMANY
65507	C	FADA N'GOURMA	BURKINA FASO	94403	CT	GERALDTONAIRPORT	AUSTRALIA
70261	C	FAIRBANKS/INT.	USA	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	GIBRALTAR	GIBRALTAR
10578	C	FICHTELBERG	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	02527	T	GOTEBORG/LANDVETTER	SWEDEN
02226	C	FROSON	SWEDEN	02512	C	GOTEBORG/SAVE	SWEDEN
47843	C	FUKUE	JAPAN	07535	C	GOURDON	FRANCE
47807	CT	FUKUOKA	JAPAN	94150	CT	GOVE AIRPORT	AUSTRALIA
91643	C	FUNAFUTI	TUVALU	72476	C	GRAND JUNCTION/WALKERF.,CO.	USA
08522	C	FUNCHAL	MADEIRA	72635	C	GRAND RAPIDS/KENT CO., MI.	USA
60765	C	GABES	TUNISIA	78954	C	GRANTLEY ADAMS	BARBADOS
60745	C	GAFSA	TUNISIA	11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA
65557	C	GAGNOA	COTE D'IVOIRE	72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA
44284	C	GAIUUT	MONGOLIA	72317	C	GREENSBORO/G.-HIGHPT., NC.	USA
83746	T	GALEAO	BRAZIL	72312	C	GREENVILLE/SPATANBURGSC	USA
72242	C	GALVESTON, TX.	USA	10184	CT	GREIFSWALD	GERMANY
94926	C	GANBERRA AMO	AUSTRALIA	87497	C	GUALEGUAYCHUAERO	ARGENTINA
71803	C	GANDER INT. AIRPORT, NFLD.	CANADA	76577	C	GUANAJUATO, GTO.	MEXICO
57993	C	GANZHOU	CHINA	80428	C	GUANARE	VENEZUELA
65522	C	GAOUA	BURKINA FASO	59287	C	GUANGZHOU	CHINA
63723	C	GARISSA	KENYA	80448	C	GUASDUALITO	VENEZUELA
40405	C	GASSIM	SAUDI ARABIA	60403	C	GUELMA	ALGERIA
42410	CT	GAUHATI	INDIA	80423	C	GUIRIA	VENEZUELA
62752	C	GEDAREF	SUDAN	02128	C	GUNNARN	SWEDEN
10628	C	GEISENHEIM	GERMANY	40360	C	GURIAT	SAUDI ARABIA
62770	C	GENEINA	SUDAN	40250	C	H-4 'IRWAISHED'	JORDAN
87532	C	GENERAL PICO AERO	ARGENTINA	31735	C	HABAROVSK	RUSSIAN FEDERATION
06700	C	GENEVE-COINTRIN	SWITZERLAND	47678	CT	HACHIJOJIMA	JAPAN
68828	C	GEORGE AIRPORT	SOUTH AFRICA	76692	C	HACIENDA YLANG YLANG VER.	MEXICO

STATION LIST RECENT DATA

40373	T	HAFR AL-BATIN	SAUDI ARABIA	72654	C	HURON/HURONREGIONAL,SD.	USA
59758	C	HAIKOU	CHINA	44232	C	HUTAG	MONGOLIA
40394	CT	HAIL	SAUDI ARABIA	43128	CT	HYDERABADAIRPORT	INDIA
50527	CT	HAILAR	CHINA	15090	C	IASI	ROMANIA
17285	C	HAKKARI	TURKEY	80214	C	IBAGUE/PERALES	COLOMBIA
47430	C	HAKODATE	JAPAN	08373	C	IBIZA/ES CODOLA	SPAIN
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(SCORESBYSU	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-FUHLSBUETTEL	GERMANY	60611	C	IN AMENAS	ALGERIA
52203	C	HAMI	CHINA	60630	CT	IN SALAH	ALGERIA
10338	C	HANNOVER	GERMANY	72438	C	INDIANAPOLIS/I.-MUN/WEL.,IN.	USA
23933	CT	HANTY-MANSIJSK	RUSSIAN FEDERATION	42754	C	INDORE	INDIA
02196	C	HAPARANDA	SWEDEN	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
67774	T	HARARE (BELVEDERE)	ZIMBABWE	72747	CT	INT.FALLS/FALLSINT.MN.	USA
67775	C	HARARE (KUTSAGA)	ZIMBABWE	71907	CT	INUKJUAQ,QUE	CANADA
72508	C	HARTFORD/BRADLEYINTL, CT.	USA	71957	CT	INUVIK UA,N.W.T.	CANADA
60581	C	HASSI-MESSAOUD	ALGERIA	93844	CT	INVERCARGILLAERODROME	N ZEALAND
20891	C	HATANGA	RUSSIAN FEDERATION	80370	C	IPIALES/SANLUIS	COLOMBIA
44207	C	HATGAL	MONGOLIA	71909	CT	IQUALUIT,N.W.T.	CANADA
78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE	84377	C	IQUITOS	PERU
71935	C	HAY RIVER,N.W.T.	CANADA	83881	C	IRAI	BRAZIL
72772	C	HELENA/COUNTY-CITY,MT.	USA	83836	C	IRATI	BRAZIL
02974	C	HELSINKI-VANTAA	FINLAND	68263	T	IRENE	SOUTH AFRICA
62378	CT	HELWAN	EGYPT	30710	C	IRKUTSK	RUSSIAN FEDERATION
16754	C	HERAKLION(AIRPORT)	GREECE	47918	CT	ISHIGAKIJIMA	JAPAN
91945	C	HEREHERETUE	FRENCH POLY.	85469	C	ISLA DE PASCUA	CHILE
71066	C	HIGH LEVEL, ALTA	CANADA	85585	C	ISLA JUAN FERNANDEZ	CHILE
91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA	41571	C	ISLAMABAD AIRPORT	PAKISTAN
91285	CT	HILO/GEN.LYMAN, HAWAII,	USA ONIA	17240	CT	ISPARTA	TURKEY
94975	CT	HOBART AIRPORT	AUSTRALIA	17062	CT	ISTANBUL/GOZTEPE	TURKEY
10962	C	HOHENPEISSENBERG	GERMANY	82445	C	ITAITUBA	BRAZIL
93615	C	HOKITIKA AERODROME AWS	N ZEALAND	17220	CT	IZMIR/GUZELYALT	TURKEY
61240	C	HOMBORI	MALI	47800	C	IZUHARA	JAPAN
91182	C	HONOLULU,OAHU, HAWAII	USA	72235	C	JACKSON/ALLENC. THOMP.,MS.	USA
08506	C	HORTA (ACORES)	PORTUGAL	72206	C	JACKSONVILLE/INTNL.,FL.	USA
51828	C	HOTAN	CHINA	41715	C	JACOBABAD	PAKISTAN
72243	C	HOUSTON/INTERCONTI-NENTAL,	USA	83186	C	JACOBINA	BRAZIL
44218	C	HOVD	MONGOLIA	43041	C	JAGDALPUR	INDIA
44285	C	HUJIRT	MONGOLIA	96749	C	JAKARTA/SOEKARNO-HATTA	INDONESIA
72425	C	HUNTINGTON,WV	USA	24959	CT	JAKUTSK	RUSSIAN FEDERATION

STATION LIST RECENT DATA

01001	CT	JAN MAYEN	NORWAY	62660	C	KARIMA	SUDAN
41024	CT	JEDDAH(KING ABDUL AZIZ INT.	SAUDI ARABIA	10727	C	KARLSRUHE	GERMANY
60725	C	JENDOUBA	TUNISIA	02418	C	KARLSTADFLYGPLATS	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	61699	C	KEDOUGOU	SENEGAL
02963	CT	JOKIOINEN	FINLAND	04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND
02550	C	JONKOPING/AXAMO	SWEDEN	10946	C	KEMPTEN	GERMANY
78762	C	JUAN SANTAMARIA	COSTA RICA	61285	C	KENIEBA	MALI
62941	C	JUBA	SUDAN	60120	C	KENITRA	MOROCCO
87046	C	JUJUY AERO	ARGENTINA	16641	C	KERKYRA (AIRPORT)	GREECE
84735	C	JULIACA	PERU	93997	T	KERMADECIS.	N ZEALAND
78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN,ST.EUST	40841	CT	KERMAN	IRAN, ISLAMIC REP
87548	C	JUNIN AERO	ARGENTINA	40766	C	KERMANS SHAH	IRAN, ISLAMIC REP
32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION	02805	C	KEVO	FINLAND
02935	CT	JYVASKYLA	FINLAND	72201	C	KEY WEST/INT., FL.	USA
67663	C	KABWE	ZAMBIA	44313	C	KHALKH-GOL	MONGOLIA
62810	C	KADUGLI	SUDAN	41114	C	KHAMIS MUSHAIT	SAUDI ARABIA
47827	CT	KAGOSHIMA	JAPAN	41718	C	KHANPUR	PAKISTAN
17255	C	KAHRAMANMARAS	TURKEY	34300	C	KHARKIV	UKRAINE
93678	C	KAIKOURA	N ZEALAND	62721	CT	KHARTOUM	SUDAN
60735	C	KAIROUAN	TUNISIA	41744	C	KHUZDAR	PAKISTAN
93012	C	KAITAIA	N ZEALAND	02801	C	KILPISJARVI	FINLAND
02897	C	KAJAANI	FINLAND	68438	C	KIMBERLEY	SOUTH AFRICA
30469	C	KALAKAN	RUSSIAN FEDERATION	40417	C	KING FAHAD INT. AIRPORT	SAUDI ARABIA
16726	C	KALAMATA (AIRPORT)	GREECE	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
25744	C	KAMENSKOE	RUSSIAN FEDERATION	70326	C	KING SALMON	USA
40001	C	KAMISHLI	SYRIAN ARAB REP	45004	CT	KING'S PARK	HONG KONG, CHINA
71887	C	KAMLOOPS, B.C.	CANADA	78397	CT	KINGSTON/NORMANMANLEY	JAMAICA
47605	C	KANAZAWA	JAPAN	03066	C	KINLOSS	U KINGDOM
65306	C	KANDI	BENIN	64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG
47105	C	KANGNUNG	REP KOREA	30230	CT	KIRENSK	RUSSIAN FEDERATION
22165	C	KANIN NOS	RUSSIAN FEDERATION	61270	C	KITA	MALI
61679	C	KAOLACK	SENEGAL	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
41780	C	KARACHIAIRPORT	PAKISTAN	26509	C	KLAJPEDA	LITHUANIA
35394	C	KARAGANDA	KAZAKHSTAN	72326	C	KNOXVILLE/MUN., TN.	USA
02080	C	KARESUANDO	SWEDEN	11487	C	KOCELOVICE	CZECH REP

STATION LIST RECENT DATA

06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.	08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL
29231	CT	KOLPASEVO	RUSSIAN FEDERATION	72240	C	LAKE CHARLES/MUN.,LA.	USA
10929	C	KONSTANZ	GERMANY	64551	C	LAMBARENE	GABON
17244	C	KONYA	TURKEY	72576	C	LANDER/HUNT,WY.	USA
25954	CT	KORF	RUSSIAN FEDERATION	60040	C	LANZAROTE/AEROPUERTO	SPAIN
91408	C	KOROR, PALAU IS.	USA FEDERATION	52889	CT	LANZHOU	CHINA
62772	C	KOSTI	SUDAN	98223	C	LAOAG	PHILIPPINES
42452	C	KOTA AERODROME	INDIA	16648	C	LARISSA (AIRPORT)	GREECE
48615	CT	KOTA BHARU	MALAYSIA	17609	C	LARNACA AIRPORT	CYPRUS
96471	CT	KOTA KINABALU	MALAYSIA	87563	C	LAS FLORES AERO	ARGENTINA
70133	CT	KOTZEBUE,RALPH WIEN	USA	80241	C	LAS GAVIOTAS	COLOMBIA
91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA	87078	C	LAS LOMITAS	ARGENTINA
61293	C	KOUTIALA	MALI	60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN
43314	C	KOZHICODE	INDIA	72386	C	LAS VEGAS/MCCARRAN,NV.	USA
12566	C	KRAKOW	POLAND	40022	C	LATTAKIA	SYRIAN ARAB REP
60514	C	KSAR CHELLALA	ALGERIA	94968	C	LAUNCESTONAIRPORT	AUSTRALIA
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	07471	C	LE BUY	FRANCE
48657	C	KUANTAN	MALAYSIA	78925	C	LE LAMENTIN	MARTINIQUE
96413	CT	KUCHING	MALAYSIA	78897	C	LE RAIZET,GAUDELLOUPE	ST.MARTIN,ST.BARTH
65442	C	KUMASI	GHANA	07207	C	LE TALUT	FRANCE
56778	CT	KUNMING	CHINA	12120	CT	LEBA	POLAND
47418	C	KUSHIRO	JAPAN	03257	C	LEEMING	U KINGDOM
28952	C	KUSTANAI	KAZAKHSTAN	98444	C	LEGASPI	PHILIPPINES
71906	CT	KUUJUAQ,QUE.	CANADA	12374	T	LEGIONOWO	POLAND
71905	C	KUUJUARAPIK,QUE.	CANADA	10469	C	LEIPZIG-SCHKEUDITZ	GERMANY
02869	C	KUUSAMO	FINLAND	83242	C	LENCOIS	BRAZIL
91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA	03005	CT	LERWICK	U KINGDOM
47158	T	KWANGJU AB	REP KOREA	80398	C	LETICIA/VASQUEZCOBO	COLOMBIA
33345	C	KYIV	UKRAINE	72422	C	LEXINGTON/BLUEGRASS, KY.	USA
33393	C	L'VIV	UKRAINE	55591	CT	LHASA	CHINA
78705	C	LA CEIBA (AIRPORT)	HONDURAS	11603	C	LIBEREC	CZECH REP
08001	CT	LA CORUNA	SPAIN	64500	C	LIBREVILLE	GABON
71823	T	LA GRANDEIV,QUE.	CANADA	91165	C	LIHUE, KAUAI, HAWAII	USA
71827	C	LA GRANDERIVIERE, QUE	CANADA	07015	C	LILLE	FRANCE
07020	CT	LA HAGUE	FRANCE	84628	CT	LIMA-CALLAO/AEROPINTERNACI	PERU
78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS	07434	C	LIMOGES	FRANCE
76405	C	LA PAZ, B.C.S.	MEXICO	10393	CT	LINDENBERG	GERMANY
85201	C	LA PAZ/ALTO	BOLIVIA	61627	C	LINGUERIE	SENEGAL
87217	C	LA RIOJA AERO.	ARGENTINA	08535	C	LISBOA/GEOF	PORTUGAL
85488	C	LA SERENA	CHILE	67743	C	LIVINGSTONE	ZAMBIA
87534	C	LABOULAYE	ARGENTINA	08084	C	LOGRONO/AGONCILLO	SPAIN
82723	C	LABREA	BRAZIL	65387	C	LOME	TOGO
96465	C	LABUAN	MALAYSIA	83766	C	LONDRINA	BRAZIL
41640	C	LAHORECITY	PAKISTAN	94346	C	LONGREACHAIRPORT	AUSTRALIA

STATION LIST RECENT DATA

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	87774	C	MAQUINCHAO	ARGENTINA
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	87692	C	MAR DEL PLATA AERO	ARGENTINA
03740	C	LYNEHAM	U KINGDOM	82562	C	MARABA	BRAZIL
71078	C	LYNN LAKE, MAN.	CANADA	80407	C	MARACAIBO-LACHINITA	VENEZUELA
60467	C	M'SILA	ALGERIA	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
40310	C	MA'AN	JORDAN	87467	C	MARCOS JUAREZ AERO	ARGENTINA
44294	C	MAANTI	MONGOLIA	16325	C	MARINA DI GINOSA	ITALY
82098	C	MACAPA	BRAZIL	68994	CT	MARION ISLAND	SOUTH AFRICA
43185	C	MACHILIPATNAM	INDIA	86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY
94367	C	MACKAY MO	AUSTRALIA	60230	C	MARRAKECH	MOROCCO
72217	C	MACON/LEWIS B.WILSON,GA.	USA	61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS
94998	CT	MACQUARIE ISLAND	AUSTRALIA	40745	CT	MASHHAD	IRAN, ISLAMIC REP
98646	C	MACTAN	PHILIPPINES	41288	C	MASIRAH	OMAN
40430	CT	MADINAH	SAUDI ARABIA	61630	C	MATAM	SENEGAL
72641	C	MADISON/DANECOUNTY REGIONAL	USA	47741	C	MATSUE	JAPAN
43279	CT	MADRAS/MINAMBAKKAM	INDIA	47618	C	MATSUMOTO	JAPAN
08221	CT	MADRID/BARAJAS	SPAIN	47887	C	MATSUYAMA	JAPAN
47624	C	MAEBASHI	JAPAN	80435	C	MATURIN	VENEZUELA
40265	T	MAFRAQ	JORDAN	89564	CT	MAWSON	AUSTRALIA
85114	C	MAGDALENA	BOLIVIA	64503	C	MAYUMBA	GABON
10361	C	MAGDEBURG	GERMANY	70231	C	MCGRATH	USA
60522	C	MAGHNA	ALGERIA	60437	C	MEDEA	ALGERIA
61096	C	MAINE-SOROA	NIGER	72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA
67073	C	MAINTIRANO	MADAGASCAR	94430	C	MEEKATHARRAAIRPORT	AUSTRALIA
47750	C	MAIZURU	JAPAN	10548	CT	MEININGEN	GERMANY
91376	C	MAJUORO/MARSHALLS. INTL	USA	60150	C	MEKNES	MOROCCO
41030	C	MAKKAH	SAUDI ARABIA	94866	C	MELBOURNEAIRPORT	AUSTRALIA
48665	C	MALACCA	MALAYSIA A	60338	C	MELILLA	SPAIN
08482	C	MALAGA/AEROPUERTO	SPAIN	86440	C	MELO	URUGUAY
62840	C	MALAKAL	SUDAN	61250	C	MENAKA	MALI
87506	C	MALARGUEAERO	ARGENTINA	87418	C	MENDOZA AERO	ARGENTINA
17199	C	MALATYA/BOLGE	TURKEY	80425	C	MENE GRANDE	VENEZUELA
03980	C	MALIN HEAD	IRELAND	56985	C	MENGZI	CHINA
63799	C	MALINDI	KENYA	08314	C	MENORCA/MAHON	SPAIN
78741	C	MANAGUA A.C.SANDINO	NICARAGUA	97980	C	MERAUKE/MOPAH	INDONESIA
82332	T	MANAUS (AEROPORTO)	BRAZIL	86490	C	MERCEDES	URUGUAY
03334	C	MANCHESTER AIRPORT	U KINGDOM	80438	C	MERIDA	VENEZUELA

STATION LIST RECENT DATA

72234	C	MERIDIAN/KEY,MS.	USA	60457	C	MOSTAGANEMVILLE	ALGERIA
62306	CT	MERSA MATRUH	EGYPT	94821	CT	MOUNT GAMBIA 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	MUROTOMISAKI	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	CENTRALAFRICAN 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	NAKHONRATCHASIMA	THAILAND
72544	C	MOLINE/QUADCITY, IL.	USA	48400	C	NAKHONSAWAN	THAILAND
76342	C	MONCLOVA, COAH.	MEXICO	58606	C	NANCHANG	CHINA
67633	C	MONGU	ZAMBIA	07180	T	NANCY/ESSEY	FRANCE
07560	C	MONT AIGOUAL	FRANCE	91680	CT	NANDI	FIJI
07607	C	MONT-DE-MARSAN	FRANCE	59431	C	NANNING	CHINA
87393	C	MONTE CASEROS AERO	ARGENTINA	07222	C	NANTES	FRANCE
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION
76393	C	MONTERREY, N.L.	MEXICO	61233	C	NARA	MALI
83437	C	MONTES CLAROS	BRAZIL	04270	T	NARSARSUAQ	GREENLAND
72226	C	MONTGOMERY/DANNELLYAL.	USA	72327	CT	NASHVILLE/METROPOLITAN, TN.	USA
07643	C	MONTPELLIER	FRANCE	78073	C	NASSAU AIRPORT	BAHAMAS
71836	T	MOOSONEE, ONT.	CANADA	82598	C	NATAL	BRAZIL
61265	C	MOPTI	MALI	82599	T	NATAL (AEROPORTO)	BRAZIL
76665	C	MORELIA, MICH.	MEXICO	71813	C	NATASHQUAN, QUE.	CANADA
27612	CT	MOSKVA	RUSSIAN FEDERATION	65319	C	NATTINGOU	BENIN

STATION LIST RECENT DATA

91683	C	NAUSORI	FIJI	47655	C	OMAEZAKI	JAPAN
41749	C	NAWABSHAH	PAKISTAN	44215	C	OMNO-GOBI	MONGOLIA
47909	CT	NAZE	JAPAN	28698	CT	OMSK	RUSSIAN FEDERATION
80315	C	NEIVA/BENITOSALAS	COLOMBIA	47598	C	ONAHAMA	JAPAN
47420	CT	NEMURO	JAPAN	91699	C	ONO-I-LAU	FIJI
89002	CT	NEUMAYER	GERMANY	87016	C	ORAN AERO	ARGENTINA
87715	C	NEUQUENA AERO	ARGENTINA	60461	C	ORAN PORT	ALGERIA
10270	C	NEURUPPIN	GERMANY	60490	C	ORAN/ES SENIA	ALGERIA
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	35121	CT	ORENBURG	RUSSIAN FEDERATION
72231	C	NEW ORLEANS/MOISANTINT., LA	USA	01241	CT	ORLAND	NORWAY
93309	C	NEW PLYMOUTHAWS	N ZEALAND	72205	C	ORLANDO/JETPORT,FL.	USA
72503	C	NEW YORK/LA GUARDIA, NY.	USA	40712	C	ORUMIEH	IRAN, ISLAMIC REP
64870	C	NGAOUNDERE	CAMEROON	85242	C	ORURO	BOLIVIA
61052	T	NIAMEY-AERO	NIGER	47772	C	OSAKA	JAPAN
07690	C	NICE	FRANCE	47122	T	OSAN AB	REP KOREA
17250	C	NIGDE	TURKEY	47675	C	OSHIMA	JAPAN
02942	C	NIINISALO	FINLAND	01384	C	OSLO/GARDERMOEN	NORWAY
32618	C	NIKOL'SKOE	RUSSIAN FEDERATION	85782	C	OSORNO	CHILE
31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION	11782	C	OSTRAVA/MOSNOV	CZECH REP
07645	T	NIMES/COURBESSAC	FRANCE	20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION
98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES	21432	C	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION
61230	C	NIORO DU SAHEL	MALI	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	OUIDA	MOROCCO
71043	CT	NORMAN WELLS UA, N.W.T.	CANADA	02875	C	OULU	FINLAND
72340	C	NORTH LITTLE 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
91592	CT	NOUMEA (NLLE-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
04250	C	NUUK (GODTHAAB)	GREENLAND	80479	C	PALMICHAL	VENEZUELA
62790	C	NYALA	SUDAN	40061	C	PALMYRA	SYRIAN ARAB REP
64659	C	OBO	CENTRALAFRICAN REP	43363	C	PAMBAN	INDIA
33837	C	ODESA	UKRAINE	41739	C	PANJGUR	PAKISTAN
31088	CT	OHOTSK	RUSSIAN FEDERATION	41560	C	PARACHINAR	PAKISTAN
47815	C	OITA	JAPAN	65330	C	PARAKOU	BENIN
24688	C	OJMJAKON	RUSSIAN FEDERATION	87374	C	PARANA AERO	ARGENTINA
24125	CT	OLENEK	RUSSIAN FEDERATION	93417	CT	PARAPARAUMUAERODROME	N ZEALAND
72792	C	OLYMPIA, WA.	USA	82287	C	PARNAIBA	BRAZIL

STATION LIST RECENT DATA

41759	C	PASNI	PAKISTAN	43063	C	POONA	INDIA
87814	C	PASO DE INDIOS	ARGENTINA	11952	T	POPRAD-GANOVCE	SLOVAKIA
86460	C	PASO DE LOS TOROS	URUGUAY	11934	C	POPRAD/TATRY	SLOVAKIA
42492	T	PATNA	INDIA	80421	C	PORLAMAR (AEROPUERTOINT. DE	VENEZUELA
82791	C	PATOS	BRAZIL	43333	CT	PORT BLAIR	INDIA
06610	T	PAYERNE	SWITZERLAND	68842	CT	PORT ELIZABETH	SOUTH AFRICA
12942	C	PECS/POGANY	HUNGARY	71109	CT	PORT HARDY UA,B.C.	CANADA
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA
87544	C	PEHUAJO AERO	ARGENTINA	62641	C	PORT SUDAN	SUDAN
48601	CT	PENANG/BAYANLEPAS	MALAYSIA	71197	C	PORT-AUX-BASQUES,NFLD.	CANADA
72688	C	PENDLETON,OR.	USA	61998	CT	PORT-AUX-FRANCAIS(ILES KERG	OCEAN ISLANDS
72532	C	PEORIA/GREATERPEORIA, IL.	USA	64501	C	PORT-GENTIL	GABON
80210	C	PEREIRA/MATECANA	COLOMBIA	72698	C	PORTLAND/INT.,OR.	USA
87852	C	PERITO MORENO AERO	ARGENTINA	72606	C	PORTLAND/INTNLJET PORT, ME	USA
07747	C	PERPIGNAN	FRANCE	83967	C	PORTO ALEGRE	BRAZIL
94610	CT	PERTH AIRPORT	AUSTRALIA	83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL
41530	C	PESHAWAR	PAKISTAN	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	PRACHUAP KHIRIKHAN	THAILAND
87679	C	PIGUE AERO	ARGENTINA	11520	CT	PRAHA-LIBUS	CZECH REP
86255	C	PILAR	PARAGUAY	11518	C	PRAHA/RUZYNE	CZECH REP
87349	C	PILAR OBSERVATORIO	ARGENTINA	16245	T	PRATICA DI MARE	ITALY
16158	C	PISA/S. GIUSTO	ITALY	86065	C	PRATS-GIL	PARAGUAY
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 CHRISTIAN SUND	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	86086	C	PUERTO CASADO	PARAGUAY
91348	C	PONAPE, CAROLINE ISLANDS.	USA	87896	C	PUERTO DESEADO AERO	ARGENTINA
71095	C	POND INLET, N.W.T.	CANADA	78767	C	PUERTO LIMON	COSTA RICA
08513	C	PONTA DELGADA/(OBS.)	PORTUGAL	85799	CT	PUERTO MONTT	CHILE
83702	C	PONTA PORA	BRAZIL	85289	C	PUERTO SUAREZ	BOLIVIA

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85934	CT	PUNTA ARENAS	CHILE	03957	C	ROSSLARE	IRELAND
87596	C	PUNTA INDIO B.A.	ARGENTINA	10170	C	ROSTOCK-WARNEMUENDE	GERMANY
47159	C	PUSAN	REP KOREA	34731	T	ROSTOV-NA-DONU	RUSSIAN FEDERATION
56137	C	QAMDO	CHINA	89062	C	ROTHERA POINT	U KINGDOM N
54857	C	QINGDAO	CHINA	91650	C	ROTUMA	FIJI
50745	C	QIQIHAR	CHINA	07037	C	ROUEN	FRANCE
41660	C	QUETTA AIRPORT	PAKISTAN	51777	C	RUOQIANG	CHINA
80144	C	QUIBDO/ELCARANO	COLOMBIA	85141	C	RURRENABAQUE	BOLIVIA
72797	C	QUILLAYUTE,WA.	USA	71600	CT	SABLE ISLAND,N.S.	CANADA
85543	C	QUINTERO	CHILE	72483	C	SACRAMENTO/EXECUTIVECA.	USA
82586	C	QUIXERAMOBIM	BRAZIL	06680	C	SAENTIS	SWITZERLAND
60135	C	RABAT-SALE	MOROCCO	42671	C	SAGAR	INDIA
40362	C	RAFHA	SAUDI ARABIA	47740	C	SAIGO	JAPAN
72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA	44336	C	SAIKHAN-OVOO	MONGOLIA
93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND	61980	C	SAINT-DENIS/GILLOT(REUNION)	OCEAN ISLANDS
91958	CT	RAPA	FRENCH POLY.	61600	C	SAINT-LOUIS	SENEGAL
72662	C	RAPID CITY/REGIONALAIRPORT,	USA	08594	T	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	86210	C	SALTOS DEL GUAIRA	PARAGUAY
04030	C	REYKJAVIK	ICELAND	83229	CT	SALVADOR	BRAZIL
85043	C	RIBERALTA	BOLIVIA	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
72401	C	RICHMOND/BYRD,VA.	USA	35925	C	SAM	KAZAKHSTAN
91948	C	RIKITEA	FRENCH POLY.	17030	CT	SAMSUN	TURKEY
44203	C	RINCHINLHUMBE	MONGOLIA	61277	C	SAN	MALI
82915	C	RIO BRANCO	BRAZIL	80001	C	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA
87453	C	RIO CUARTO AERO	ARGENTINA	72263	C	SAN ANGELO/MATHIS,TX.	USA
87925	C	RIO GALLEGOS AERO	ARGENTINA	80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
40438	C	RIYADH	SAUDI ARABIA	72253	C	SAN ANTONIO/INT.,TX.	USA
72411	C	ROANOKE/MUN.,VA.	USA	72290	C	SAN DIEGO/LINDBERGH,CA.	USA
85268	C	ROBORE	BOLIVIA	80450	C	SAN FERNANDO DE APURE	VENEZUELA
86565	C	ROCHA	URUGUAY	72494	C	SAN FRANCISCO/INTL,CA.	USA
72644	C	ROCHESTER/MUN.,MN.	USA	85207	C	SAN IGNACIO DE VELASCO	BOLIVIA
72529	C	ROCHESTER/R-MONROECTY., NY.	USA	85104	C	SAN JOAQUIN	BOLIVIA
94374	C	ROCKHAMPTON AERO	AUSTRALIA	85247	C	SAN JOSE DE CHIQUITOS	BOLIVIA
61988	C	RODRIGUES	MAURITIUS	87311	C	SAN JUAN AERO	ARGENTINA
06190	C	ROENNE	DENMARK & FAROE IS.	86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY
87480	C	ROSARIO AERO	ARGENTINA	80431	C	SAN JUAN DE LOS MORROS	VENEZUELA

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78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US	58362	CT	SHANGHAI	CHINA
87909	C	SAN JULIAN AERO	ARGENTINA	03962	C	SHANNON AIRPORT	IRELAND
87436	C	SAN LUIS AERO	ARGENTINA	59316	C	SHANTOU	CHINA
86185	C	SAN PEDRO	PARAGUAY	41136	C	SHARURAH	SAUDI ARABIA
87509	C	SAN RAFAEL AERO	ARGENTINA	70414	T	SHEMYA AFB	USA
08027	C	SAN SEBASTIAN/IGUELDO	SPAIN	54342	C	SHENYANG	CHINA
96491	C	SANDAKAN	MALAYSIA	72666	C	SHERIDAN/COUNTY,WY.	USA
71101	C	SANDSPIT,B.C.	CANADA	47898	C	SHIMIZU	JAPAN
17270	C	SANLIURFA	TURKEY	47778	CT	SHIONOMISAKI	JAPAN
85123	C	SANTA ANA	BOLIVIA	40848	C	SHIRAZ	IRAN, ISLAMIC REP
60020	C	SANTA CRUZ DE TENE- RIFE, CM	SPAIN	72248	C	SHREVEPORT/REG.,LA.	USA
85245	C	SANTA CRUZ/EL TROMPILLO	BOLIVIA	41600	C	SIALKOT	PAKISTAN
80462	C	SANTA ELENA DE UAIREN	VENEZUELA	26524	C	SIAULIAI	LITHUANIA
08515	C	SANTA MARIA (ACORES)	PORTUGAL	64405	C	SIBITI	CONGO
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	15260	C	SIBIU	ROMANIA
87623	C	SANTA ROSA AERO	ARGENTINA	96073	C	SIBOLGA/PINANGSORI	INDONESIA
08023	CT	SANTANDER	SPAIN	96421	C	SIBU	MALAYSIA
87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA	60520	C	SIDI BEL ABBES	ALGERIA
85577	C	SANTIAGO QUINTA NORMAL	CHILE	17210	C	SIIRT	TURKEY
82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL	61297	C	SIKASSO	MALI
82280	C	SAO LUIZ	BRAZIL	42619	C	SILCHAR	INDIA
83781	C	SAO PAULO	BRAZIL	33946	C	SIMFEROPOL'	UKRAINE
47412	CT	SAPPORO	JAPAN	48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE
34172	C	SARATOV	RUSSIAN FEDERATION	72557	C	SIoux CITY/MUN.,IA.	USA
41594	CT	SARGODHA	PAKISTAN	72651	C	SIoux FALLS/FOSS FIELD, SD.	USA
72734	C	SAULT STE. MARIE, MI.	USA	71842	C	SIoux LOOKOUT,ONT.	CANADA
97900	C	SAUMLAKI	INDONESIA	17090	C	SIVAS	TURKEY
72207	C	SAVANNAH/MUNICIPAL,GA.	USA	71069	C	SLAVE LAKE, ALTA	CANADA
65335	C	SAVE	BENIN	11903	C	SLIAC	SLOVAKIA
71828	C	SCHEFFERVILLE,QUE.	CANADA	71950	C	SMITHERS,B.C.	CANADA
10035	CT	SCHLESWIG	GERMANY	02836	CT	SODANKYLA	FINLAND
10162	C	SCHWERIN	GERMANY	15614	CT	SOFA (OBSERV.)	BULGARIA
98430	C	SCIENCE GARDEN	PHILIPPINES	65361	C	SOKODE	TOGO
72793	C	SEATTLE/S.-TACOMA,WA.	USA	63962	C	SONGEA	U REP TANZANIA
41256	CT	SEEB, INTERNATIONALAIRPORT	OMAN	48568	CT	SONGKHLA	THAILAND
61272	C	SEGOU	MALI	11146	C	SONNBlick	AUSTRIA
25703	CT	SEJMCHAN	RUSSIAN FEDERATION	16746	C	SODA (AIRPORT)	GREECE
36177	C	SEMPALATINSK	KAZAKHSTAN	60423	C	SOUK AHRAS	ALGERIA
62762	C	SENNAR	SUDAN	72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA
47108	C	SEOUL	REP KOREA	72785	C	SPOKANE/INT.,WA.	USA
71811	T	SEPT-ILES UA,QUE.	CANADA	68512	CT	SPRINGBOK	SOUTH AFRICA
61976	C	SERGE-FROLOW(ILE TROMELIN)	OCEAN ISLANDS	72439	C	SPRINGFIELD/CAPITAL,IL.	USA
08391	C	SEVILLA/SANPABLO	SPAIN	42027	CT	SRINAGAR	INDIA
63985	T	SEYCHELLESINT. AIRPORT	SEYCHELLES	61986	C	ST. BRANDON(ST. RAPHAEL)	MAURITIUS

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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	STATIONNORD AWS	GREENLAND	72211	C	TAMPA/INT.,FL.	USA
01415	CT	STAVANGER/SOLA	NORWAY	76548	C	TAMPICO, TAMPS	MEXICO
71815	T	STEPHENVILLEUA,NFLD	CANADA	47837	C	TANEGASHIMA	JAPAN
72403	T	STERLING, VA.	USA	60101	C	TANGER(AERODROME)	MOROCCO
80475	C	STO.DOMINGO(B.A.)	VENEZUELA	96249	C	TANJUNGPANDAN/BULUHTUMBANG	INDONESIA
03026	C	STORNOWAY	U KINGDOM	76903	C	TAPACHULA,CHIS.	MEXICO
07190	C	STRASBOURG	FRANCE	84455	C	TARAPOTO	PERU
10738	C	STUTTGART-ECHTERDINGEN	GERMANY	44230	C	TARIALAN	MONGOLIA
10739	T	STUTTGART/SCHNARRENBERG	GERMANY	23552	C	TARKO-SALE	RUSSIAN FEDERATION
85283	C	SUCRE	BOLIVIA	26242	C	TARTU	ESTONIA
15360	C	SULINA	ROMANIA	38457	C	TASHKENT	UZBEKISTAN
02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN	04360	CT	TASILAQ (AMASSALIK)	GREENLAND
24738	C	SUNTAR	RUSSIAN FEDERATION	47646	T	TATENO	JAPAN
41268	C	SUR	OMAN	96481	CT	TAWAU	MALAYSIA
98653	C	SURIGAO	PHILIPPINES	78720	C	TEGUCIGALPA	HONDURAS
47421	C	SUTTSU	JAPAN	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
01008	C	SVALBARDLUFTHAVN	NORWAY	85743	C	TEMUCO	CHILE
94767	C	SYDNEY AIRPORT	AUSTRALIA	60410	C	TENES	ALGERIA
23804	CT	SYKTYVKAR	RUSSIAN FEDERATION	56739	C	TENGCHONG	CHINA
89532	CT	SYOWA	JAPAN N	94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA
72519	C	SYRACUSE/HANCOCK,NY.	USA	83492	C	TEOFILO OTONI	BRAZIL
12205	C	SZCZECIN	POLAND	76556	C	TEPIC,NAY	MEXICO
12982	CT	SZEGED	HUNGARY	82578	C	TERESINA	BRAZIL
63832	C	TABORA AIRPORT	U REP TANZANIA	61202	C	TESSALIT	MALI
65592	C	TABOU	COTE D'IVOIRE	60318	C	TETUAN/SANIARAMEL	MOROCCO
40706	C	TABRIZ	IRAN, ISLAMIC REP	71867	CT	THE PAS, MAN.	CANADA
40375	CT	TABUK	SAUDI ARABIA	16622	C	THESSALONIKI/MIKRA	GREECE
98550	C	TACLOBAN	PHILIPPINES	43371	CT	THIRUVANANTHAPURAM	INDIA
84782	C	TACNA	PERU	71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA
47133	C	TAEJON	REP KOREA	06011	CT	THORSHAVN	DENMARK & FAROE IS.
98644	C	TAGBILARAN	PHILIPPINES	41314	C	THUMRAIT	OMAN
83235	C	TAGUATINGA	BRAZIL	81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA
91938	CT	TAHITI-FAAA	FRENCH POLY.	60607	C	TIMIMOUN	ALGERIA
41036	C	TAIF	SAUDI ARABIA	15247	C	TIMISOARA	ROMANIA
45011	C	TAIPA	MACAU	02366	C	TIMRA/MIDLANDA	SWEDEN
53772	C	TAIYUAN	CHINA	03100	C	TIREE	U KINGDOM
47891	C	TAKAMATSU	JAPAN	60395	C	TIZI-OUZOU	ALGERIA

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60531	C	TLEMCEN(ZENATA)	ALGERIA	44292	C	ULAAN-BAATOR	MONGOLIA
28275	C	TOBOL'SK	RUSSIAN FEDERATION	44212	C	ULAAN-GOM	MONGOLIA
47662	C	TOKYO	JAPAN	44272	C	ULIASTAI	MONGOLIA
72536	C	TOLEDO/EXPRESS.OH.	USA	47115	C	ULLUNGDO	REP KOREA
76675	C	TOLUCA,MEX	MEXICO	44304	C	UNDERKHAAN	MONGOLIA
61223	C	TOMBOUCTOU	MALI	76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO
76382	C	TORREON,COAH.	MEXICO	68424	C	UPINGTON	SOUTH AFRICA
08238	C	TORTOSA	SPAIN	47426	C	URAKAWA	JAPAN
44225	C	TOSONTSENGEL	MONGOLIA	51463	CT	URUMQI	CHINA
07630	C	TOULOUSE/BLAGNAC	FRANCE	17188	C	USAK	TURKEY
94294	CT	TOWNSVILLEAERO	AUSTRALIA	87938	C	USHUAIA AERO	ARGENTINA
16429	C	TRAPANI/BIRGI	ITALY	30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION
86500	C	TREINTA Y TRES	URUGUAY	61995	T	VACOAS(MAURITIUS)	MAURITIUS
87828	C	TRELEW AERO	ARGENTINA	85766	C	VALDIVIA	CHILE
83618	C	TRES LAGOAS	BRAZIL	80472	C	VALENCIA	VENEZUELA
10609	C	TRIER-PETRISBERG	GERMANY	08284	C	VALENCIA/AEROPUERTO	SPAIN
43418	C	TRINCOMALEE	SRI LANKA	03953	CT	VALENTIA OBSERVATORY	IRELAND
83650	T	TRINDADE(ILHA)	BRAZIL	80426	C	VALERA	VENEZUELA
85154	C	TRINIDAD	BOLIVIA	08141	C	VALLADOLID	SPAIN
40103	C	TRIPOLI	LEBANON	80434	C	VALLE DE LA PASCUA	VENEZUELA
01025	C	TROMSO/LANGNES	NORWAY	03302	C	VALLEY	U KINGDOM
84501	C	TRUJILLO	PERU	17170	C	VAN	TURKEY
91334	C	TRUK,CAROLINEIS.	USA	01098	C	VARDO	NORWAY
44282	C	TSETSERLEG	MONGOLIA	15552	C	VARNA	BULGARIA
44347	C	TSOGT-OVOO	MONGOLIA	26477	C	VELIKIELUKI	RUSSIAN FEDERATION
91954	C	TUBUAI	FRENCHPOLY.	83264	C	VERA (GLEBA CELESTE)	BRAZIL
72274	C	TUCSON/INT.,AZ.	USA	42909	C	VERAVAL	INDIA
87121	C	TUCUMANA AERO	ARGENTINA	24266	CT	VERHOJANSK	RUSSIAN FEDERATION
98233	C	TUGUEGARAO	PHILIPPINES	89063	C	VERNADSKY	UKRAINE
76634	C	TULANCINGO,HGO.	MEXICO	16090	C	VERONA/VILAFRANCA	ITALY
67161	C	TULEAR	MADAGASCAR	72255	C	VICTORIA/VICTORIAREG., TX.	USA
84370	C	TUMBES	PERU	87791	C	VIEDMA AERO	ARGENTINA
80453	C	TUMEREMO	VENEZUELA	08045	C	VIGO/PEINADOR	SPAIN
60715	CT	TUNIS-CARTHAGE	TUNISIA	83208	T	VILHENA (AEROPORTO)	BRAZIL
24507	CT	TURA	RUSSIAN FEDERATION	24641	C	VILJUJSK	RUSSIAN FEDERATION
40356	C	TURAIIF	SAUDI ARABIA	60096	C	VILLA CISNEROS	WESTERN SAHARA
38507	C	TURKMENBASHI	TURKMENISTAN	87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA
02972	C	TURKU	FINLAND	87328	C	VILLA DOLORES AERO	ARGENTINA
23472	CT	TURUHANSK	RUSSIAN FEDERATION	87448	C	VILLA REYNOLDS AERO	ARGENTINA
48407	T	UBON RATCHATHANI	THAILAND	11212	C	VILLACHERALPE	AUSTRIA
06447	CT	UCCLE	BELGIUM	76743	C	VILLAHERMOSA,TAB	MEXICO
16045	C	UDINE/RIVOLTO	ITALY	86233	C	VILLARRICA	PARAGUAY
48354	C	UDON THANI	THAILAND	80234	C	VILLA VICENCIO/VANGUARDIA	COLOMBIA
44214	C	UIGI	MONGOLIA	26730	C	VILNIUS	LITHUANIA

STATION LIST RECENT DATA

02590	C	VISBY FLYGPLATS	SWEDEN	47168	C	YOSU	REP KOREA
43149	C	VISHAKHAPATNAM	INDIA	72525	C	YOUNGSTOWN,OH.	USA
83648	C	VITORIA	BRAZIL	98836	C	ZAMBOANGA	PHILIPPINES
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				
91413	C	YAP, CAROLINEIS.	USA				
71603	CT	YARMOUTH,N.S.	CANADA				
40439	C	YENBO	SAUDI ARABIA				
57461	C	YICHANG	CHINA				
53614	C	YINCHUAN	CHINA				
51431	C	YINING	CHINA				
47744	T	YONAGO	JAPAN				

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Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. **HPD** includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

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