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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, reading "Thomas R. Karl".

Director
National Climatic Data Center

noaa

National
Oceanic and
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		986.1	987.3	-3.5	1.7	4.1	.4	21	101	36	5		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		985.7	989.1	-6.6	6.7	3.0	1.0	3	13	-1	4		
01025 TROMSO/LANGNES	6941N	01855E	10		989.3	990.4	.2	2.9	4.7	.5	19	142	37	5		
01028 BJORNOYA	7431N	01901E	16		983.3	985.2	-1.5	5.6	4.9	1.4	17	95	64	6		
01098 VARDØ	7022N	03106E	15		991.0	992.8	-.9	2.8	4.9	.8	8	30	-23	2		
01152 BODØ VI	6715N	01422E	20		991.5	992.7	2.1	3.3	5.3	.8	25	158	58	5	0	
01241 ORLAND III	6342N	00936E	7		997.2	998.0	3.2	2.7	6.4	1.0	22	233	120	5		
01317 BERGEN/FLORIDA	6023N	00520E	36		1000.3	1004.7	4.5	1.9	7.5	1.4	28	568	333	6		
01384 OSLO/GARDERMOEN	6012N	01105E	204		979.9	1005.0	-1.5	4.2	4.6	.7	9	45	-20	2		
01415 STAVANGER/SOLA	5853N	00538E	9		1006.0	1007.2	5.2	3.0	7.8	1.6	24	200	90	5		
SWEDEN																
02080 KARESUANDO	6826N	02230E	325		953.2	994.0	-8.6	5.4	3.1	.7	9	35	11	5	0	
02128 GUNNARN	6458N	01742E	281		964.0	998.9	-5.5	5.6	3.9	1.0	6	30	-7	2		
02196 HAPARANDA	6550N	02409E	6		996.7	997.5	-4.5	5.0	4.5	1.3	18	75	33	5	5	
02226 FROSON	6312N	01430E	360		954.4	1000.5	-1.6	4.5	4.9	1.2	7	35	4	4	36	
02366 TIMRA/MIDLANDA	6231N	01727E	7		1000.6	1001.2	-3.7	3.0	4.7	1.0	8	27	-25	1		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		992.8	1006.1	.7	3.6	5.6	.7	9	35	-13	1	32	74
02512 GÖTEBORG/SAVE	5747N	01153E	16		1006.8	1009.1	3.5	3.2	7.6	1.7	16	75	0	3	26	68
02550 JONKÖPING/AXAMÖ	5745N	01405E	218		981.3	1009.1	1.4	3.4	6.3	1.1	13	44	-9	2		
02590 VISBY FLYGPLATS	5740N	01821E	41		1002.4	1008.6	2.9	2.2	6.7	.8	10	49	-2	3	49	169
FINLAND																
02801 KILPISJARVI	6903N	02047E	476		935.4	993.7	-6.7		3.4		14	64		5		
02805 KEVO	6945N	02702E	101		981.3	993.7	-6.4		3.6		9	40		5	0	
02836 SODANKYLÄ	6722N	02639E	179		975.0	997.1	-7.6	5.5	3.5		16	61	30	6	3	
02869 KUUSAMO	6558N	02911E	263		967.4	1000.2	-6.9	4.6	3.7		14	51	14	5		
02875 OULU	6456N	02522E	15		997.3	999.1	-3.9	4.3	4.5		10	31	3	4	14	
02897 KAJAANI	6417N	02741E	136		984.8	1001.4	-5.2	4.2	4.1		13	36	3	3		
02929 JOENSUU	6240N	02938E	117		988.8	1003.7	-4.8	3.4	4.4		15	80	35	5		
02935 JYVASKYLÄ	6224N	02541E	145		985.2	1002.6	-3.0	4.2	4.8		12	75	28	5	13	
02942 NIINISALO	6151N	02228E	136		987.3	1002.9	-1.5	4.1	5.4		10	55	8	4		
02963 JOKIOINEN	6049N	02330E	103		991.2	1004.1	-.8	4.1	5.8		12	64	22	5	29	107
02972 TURKU	6031N	02216E	59		996.9	1004.3	.2	3.8	5.9		15	128	69	5	32	110
02974 HELSINKI-VANTAA	6019N	02458E	56		998.0	1005.1	-.5	3.6	5.7		14	76	18	4	31	115
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		992.5	1002.5	5.5	1.6	7.8		27	153	11	3	24	185
03026 STORNOWAY	5813N	00619W	13		1004.4	1006.2	6.3	1.5	8.5		23	136	8	4	17	71
03066 KINLOSS	5739N	00334W	7		1007.4	1008.0	5.8	2.0	7.4		14	57	5	3	45	129
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		1000.9	1008.9	5.1	1.6	6.9		9	33	-40	2	66	157
03100 TIRRE	5630N	00653W	12		1008.9	1010.0	8.0	2.1	9.1		22	130	9	3	28	93
03162 ESKDALEMUIR	5519N	00312W	242		984.0	1013.8	4.0	1.5	7.7		21	177	12	4	43	113
03257 LEEMING	5418N	00132W	40		1010.8	1014.8	5.1	1.1	7.7		8	25	-27	1	67	146

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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	
03302 VALLEY	5315N	00432W	11		1015.5	1016.7	7.7	1.3	9.1		15	70	-24	2	47	96
03377 WADDINGTON	5310N	00031W	68		1008.1	1016.6	5.7	1.8	8.0		5	17	-36	1	67	137
03502 ABERPORTH	5208N	00434W	133		1001.7	1018.1	7.1	1.3	8.8		13	90	-5	3	51	109
03740 LYNEHAM	5130N	00159W	145		1001.1	1019.1	5.2	.9	8.2		8	53	-23	2	53	106
03797 MANSTON	5121N	00121E	55		1012.4	1018.5	5.7	.6	8.2		7	40	-9	2	53	104
03808 CAMBORNE	5013N	00519W	88		1009.5	1020.2	8.3		9.3		12	55		1	42	80
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1018.1	1019.3	5.6	.5	8.3		8	73	-17	3	50	88
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1006.5	1014.2	6.0	1.4	8.7		16	68	-10	2	44	116
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1014.8	1018.5	9.4	1.4	10.1	.9	21	114	-45	2	29	80
03955 CORK AIRPORT	5151N	00829W	162		998.7	1018.6	7.1	.9	9.3	.6	16	70	-66	1	51	100
03957 ROSSLARE	5215N	00620W	25		1014.6	1017.7	8.3	1.1	9.6	.8	11	57	-41	2	70	130
03962 SHANNON AIRPORT	5242N	00855W	20		1015.0	1017.4	7.5	1.0	9.0	.4	15	91	-8	3	41	90
03967 CASEMENT AERODROME	5318N	00626W	93		1004.8	1016.3				.9	12	51			48	100
03969 DUBLIN AIRPORT	5326N	00615W	85		1005.9	1016.4	6.4	.4	8.7	.6	13	45	-31	2	57	110
03973 CONNAUGHT AIRPORT	5345N	00849W	209		989.9	1015.6			8.9		22	169			34	
03976 BELMULLET	5414N	01000W	10		1013.3	1014.5	8.2	1.2	9.9	1.3	23	141	22	4	30	85
03980 MALIN HEAD	5522N	00720W	25		1009.2	1012.3	7.7	1.1	9.1	.9	20	142	39	5	29	100
ICELAND																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		984.5	990.5	.4		4.9		21	128		3		
04030 REYKJAVIK	6408N	02156W	61		983.3	990.8	-.2	.0	4.8	-.2	21	86	8	3	1	
04063 AKUREYRI	6541N	01805W	27		987.4	990.8	-1.5	.4	4.6	.0	12	40	-12	2	0	
04082 AKURNES	6418N	01513W	21		989.1	991.7	-.7		4.6		14	143		6		
GREENLAND																
04220 AASIAAT (EGEDSMINDE)	6842N	05251W	41			1000.2	-10.9	-1.1	1.8		15	46	20			
04320 DANMARKSHAVN	7646N	01840W	12			998.7	-19.7	2.1	.8		9	26	11			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			996.2	-12.5		1.5		6	17	1			
04360 TASILAQ (AMASSALIK)	6536N	03738W	52			992.4	-7.5	-.3	2.7		10	38	-68			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			995.5	-2.5	.7	3.1		15	87	-159			
DENMARK & FAROE IS.																
06011 THORSHAVN	6201N	00646W	55			996.9	4.8	1.0	6.9		28	239	68			
06030 AALBORG	5706N	00951E	13			1009.9	3.7	2.4	7.1		11	41				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1012.7	4.1		7.3		11	49				
06190 ROENNE	5504N	01445E	16			1013.6	4.4	2.1	8.0							
NETHERLANDS																
06235 DE KOOY	5255N	00447E	14		1016.6	1016.7	5.0	.8	7.9	.5	8	50	-26	2	63	170
06260 DE BILT	5206N	00511E	15		1017.7	1018.0	3.2	.0	7.3	.2	9	46	-37	2	54	126
BELGIUM																
06447 UCCLE	5048N	00421E	104		1007.2	1019.8	2.9	-.5	7.0	-.2	10	66	-10	3	49	111
LUXEMBOURG																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		974.6	1021.4	.1		5.8		11	43	-36	1	39	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.
	O'	O'	m		mb	mb	O _C	O _C	mb	mb		mm	mm		hr	
SWITZERLAND																
06660 ZURICH (TOWN/VILLE) .	4723N	00834E	569		952.9	1022.4	.7	.1	5.6	.2	6	54	-21	2	33	87
06680 SAENTIS	4715N	00921E	2500		748.1	3021.2	-4.8	1.7	2.5	.0	9	161	-85	2	155	129
06700 GENEVE-COINTRIN	4615N	00608E	416		971.7	1022.6	2.9	1.1	6.1	.5	9	58	-24	3	25	60
06770 LUGANO	4600N	00858E	276		987.4	1021.3	4.4	.8	6.1	.6	5	55	-10	3	117	100
FRANCE																
07005 ABBEVILLE	5008N	00150E	77		1010.3	1019.9	3.9		7.5		9	77			45	90
07015 LILLE	5034N	00306E	52		1013.5	1019.4	3.4		7.3		8	54			46	95
07020 LA HAGUE	4943N	00156E	9		1018.2	1019.7	9.1		9.6		8	63				
07027 CAEN	4911N	00027W	78		1012.1	1020.4	5.3	.0	8.2		9	57	-12	3	57	89
07037 ROUEN	4923N	00111E	157		1001.6	1020.5	3.2		7.3		8	83			41	90
07070 REIMS	4918N	00402E	99		1009.2	1020.6	2.0		6.7		8	34			29	60
07110 BREST	4827N	00425W	99		1009.7	1021.4	6.9	-.4	8.9		13	89	-51	2	53	84
07117 PLOUMANACH	4850N	00328W	71		1013.6	1020.7	8.2		9.4		12	67				
07130 RENNES	4804N	00144W	37		1016.0	1021.4	5.2		8.0		7	31			67	110
07139 ALENCON	4827N	00007E	144		1003.1	1021.0	3.6		7.5		11	45			56	110
07149 PARIS-ORLY	4844N	00224E	96		1009.5	1020.7	3.3		7.1		9	53				
07190 STRASBOURG	4833N	00738E	154		1002.3	1021.5	1.3	-.5	6.3		7	35	-4	3	21	50
07207 LE TALUT	4718N	00313W	43		1016.5	1021.8	8.1		9.3		8	25				
07222 NANTES	4710N	00136W	27		1018.2	1021.5	5.2	-.7	8.0		10	43	-41	2	87	126
07255 BOURGES	4704N	00222E	166		1000.9	1021.4	3.3	-.5	7.3		8	48	-15	2	44	75
07280 DIJON	4716N	00505E	227		993.3	1021.8	1.4	-.7	6.4		9	54	-8	3	35	66
07299 BALE-MILHOUSE	4736N	00731E	271		987.9	1021.9	1.2		6.0		10	63			54	105
07314 CHASSIRON	4602N	00125W	22		1018.0	1021.5	6.9		8.7		12	38				
07335 POITIERS	4635N	00019E	129		1006.7	1021.7	3.6		7.4		10	36			61	100
07434 LIMOGES	4552N	00111E	402		972.2	1021.1	4.3		7.5		12	97			86	120
07460 CLERMONT-FERRAND	4547N	00310E	332		981.0	1021.5	3.4		6.7		4	22			77	110
07471 LE BUY	4505N	00346E	833		922.2		1.4		5.7		4	21			100	135
07481 LYON/SATOLAS	4544N	00505E	248		991.8	1021.6	2.9		6.8		6	37			33	60
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1014.9	1021.6	6.1		8.6		12	68	-30	2	72	95
07535 GOURDON	4445N	00124E	264		989.5	1021.5	4.9		7.9		10	66			79	90
07560 MONT AIGOUAL	4407N	00335E	1567		841.4		.0		5.1		10	104		6		
07591 EMBRUN	4434N	00630E	876		916.2		3.2		4.4		7	41			134	95
07607 MONT-DE-MARSAN	4355N	00030W	63		1014.7	1022.2	5.8		8.9		10	88			50	65
07630 TOULOUSE/BLAGNAC	4338N	00122E	153		1002.3	1021.2	6.4		8.5		11	39	-16	2	60	70
07643 MONTPELLIER	4335N	00358E	6		1018.0	1019.0	7.9		7.7		6	80			151	120
07661 CAP CEPET	4305N	00556E	136		1000.5	1016.7	10.7		9.1		8	84				
07690 NICE	4339N	00712E	10		1013.2	1016.7	9.8		7.3		7	93	16	4	121	85
07747 PERPIGNAN	4244N	00252E	48		1013.5	1019.3	9.6		7.6		8	92	38	4	121	105
07761 AJACCIO	4155N	00848E	9		1014.4	1015.5	10.5		10.3		17	126	51	5	103	85
07790 BASTIA	4233N	00929E	12		1014.9	1016.3	10.4		10.7		14	157			119	90
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1014.9	1023.1	11.1	.2	10.6	.1	14	48	-79	1		
08015 OVIEDO	4321N	00552W	339		981.5	1022.4	8.2	-.7	9.0	.4	13	144	53	5	103	97
08023 SANTANDER	4328N	00348W	59		1015.2	1022.4	10.9	.4	10.4	.9	17	133	-8	3	72	88
08027 SAN SEBASTIAN/IGUELDO	4318N	00203W	259		990.4	1021.7	8.7	.1	9.3	.7	18	150	-14	3	60	73
08045 VIGO/PEINADOR	4213N	00838W	255		993.2	1024.6	8.7	.0	9.7	-.1	9	88	-181	2	140	149

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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	
08075 BURGOS/VILLAFRIA	4222N	00338W	891		918.7	1024.1	3.5	.3	7.1	.1	6	99	51	5	60	78
08084 LOGRONO/AGONCILLO	4227N	00220W	363		978.8	1022.7	7.4	1.1	8.6	1.1	8	37	7	4	82	84
08141 VALLADOLID	4139N	00446W	739		935.3	1022.7	4.3	.0	7.3	.1	3	17	-26	2	96	116
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		989.8	1021.0	7.9	1.4	7.9	.3	4	30	9	4	116	95
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1018.2	1018.8	11.5	1.8	9.9	1.2	9	47	-2	4	147	104
08184 GERONA/COSTA BRAVA	4154N	00246E	129		1002.9	1018.7	8.2	.5	8.0	- .5	8	91	45	5	122	87
08202 SALAMANCA/MATACAN	4057N	00530W	795		929.4	1023.6	3.9	- .2	7.1	- .4	3	14	-20	2	109	109
08221 MADRID/BARAJAS	4027N	00333W	582		952.3	1021.7	6.4	.5	7.1	- .3	3	18	-25	2	161	133
08238 TORTOSA	4049N	00030E	50		1012.2	1018.2	10.8	.3	8.9	.3	8	51	9	4	151	97
08261 CACERES	3928N	00620W	405		975.0	1023.8	8.1	- .3	8.1	- .6	3	21	-49	2	177	135
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		938.4	1021.6	6.0	.7	8.0	.5	6	29	-1	3	119	87
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1011.3	1018.9	11.4	.9	9.8	.8	10	99	58	5	127	79
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1017.1	1017.7	11.6	1.1	11.8	1.4	11	85	41	5	161	111
08314 MENORCA/MAHON	3952N	00414E	82		1006.9	1017.2	12.6	.8	11.6	.5	9	69	-5	3	125	93
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		999.2	1021.6	8.7	- .3	8.9	-1.0	3	8	-54	1	174	129
08348 CIUDAD REAL	3859N	00355W	629		947.6	1022.4	6.9	1.0	7.9	- .2	3	34	-18	2	127	102
08359 ALICANTE	3822N	00030W	82		1008.6	1018.5	12.3	.2	10.8	1.3	7	37	4	4	138	82
08373 IBIZA/ES CODOLA	3852N	00123E	12		1015.8	1018.0	13.0	.3	11.4	.3	13	156	101	5	173	112
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1016.0	1019.7	11.3		9.4		3	19		2	201	120
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1010.1	1021.3	9.5	- .2	9.6	- .3	4	46	-38	2	184	117
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1018.4	1018.7	12.3	1.0	12.3	1.8	10	125	88	5	144	99
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1017.3	1020.6	11.1	- .3	9.9	-1.6	3	18	-88	2	201	121
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1018.3	1019.2	13.1	.5	10.0	- .6	7	109	12	4	191	117
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1016.2	1018.7	13.9	.6	10.6	- .2	3	40	20	5	185	103
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5		1020.5	1021.1	13.7				7	96		2	138	95
PORTUGAL																
08506 HORTA (ACORES)	3831N	02838W	62		1020.4	1027.9	15.9	.7	13.0	-1.4	6	22	-98	1	95	114
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1015.3	1027.5	15.4	.0			7	45	-50	1		
08535 LISBOA/GEOP	3843N	00909W	95		1010.0	1021.5	11.7	- .1	10.2	-1.0	4	16	-92	1	204	144
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1009.5	1023.1	9.0	- .9	9.1	-1.0	8	112	-64	2	193	156
08558 EVORA/C. COORD	3832N	00754W	246		991.7	1021.7	8.7		8.9		3	21			206	
08575 BRAGANCA	4148N	00644W	692		941.4	1024.8	4.4	- .6	7.1	- .5	4	53	-45	3	139	134
GERMANY																
10035 SCHLESWIG	5432N	00933E	48		1008.7	1014.7	3.1	1.4	7.3	.8	12	71	-17	3	40	103
10055 WESTERMARKELSDORF	5432N	01104E	9		1013.5	1014.6	4.2		7.7		9	37			43	105
10091 ARKONA	5441N	01326E	42		1008.7	1014.0	3.8		7.4		10	40			31	80
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	15		1014.3	1016.2	3.4	1.5	7.1	.6	8	29	-43	1	41	117
10161 BOLTENHAGEN	5400N	01112E	17		1013.2	1015.3	3.3		7.1		6	24			47	130
10162 SCHWERIN	5339N	01123E	68		1007.4	1015.9	2.9		7.0		7	35		2	49	135
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1013.5	1015.0	3.9	2.0	7.2	.8	9	27	-21	1	38	106
10184 GREIFSWALD	5406N	01324E	6		1014.2	1014.9	3.5		7.2		10	36			26	60
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1015.2	1015.8	3.3		7.3		9	43			50	135
10261 SEEHAUSEN	5254N	01144E	23		1014.3	1017.2	2.7		6.7		5	23			42	125
10270 NEURUPPIN	5254N	01249E	39		1011.4	1017.0	2.4		6.6		7	26		1	34	115
10291 ANGERMUENDE	5302N	01400E	35		1009.7	1016.6	2.5		6.8		7	22			31	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	
10338 HANNOVER	5228N	00941E	59		1010.4	1017.9	3.0	1.1	6.8	.3	9	35	-25	2	48	141
10361 MAGDEBURG	5208N	01136E	85		1007.7	1018.3	2.0		6.4		3	12		1	55	135
10379 POTSDAM	5223N	01304E	100		1005.5	1018.0	1.9	1.2	6.5	.5	9	31	-24	1	41	105
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1011.7	1017.9	2.5		6.6		9	27			35	95
10385 BERLIN-SCHOENEFELD	5223N	01331E	50		1011.4	1017.7	1.8		6.4		9	33			37	
10393 LINDENBERG	5213N	01407E	104		1005.2	1018.3	1.6	1.2	6.2	.3	7	40	-10	3	35	95
10410 ESSEN	5124N	00658E	161		998.9	1019.0	2.0	-.9	6.4	-.3	9	62	-28	2	68	179
10453 BROCKEN	5148N	01037E	1153		881.7	1444 Y	-1.2		4.3		15	113			94	175
10460 ARTERN	5123N	01118E	166		998.8	1019.6	1.4		6.0		3	11			57	175
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		1002.4	1019.3	1.5		5.8		5	25		2	47	125
10474 WITTENBERG	5153N	01239E	106		1005.1	1018.4	1.6		6.2		7	25			44	115
10480 OSCHATZ	5118N	01306E	152		1000.2	1019.2	1.9		6.1		7	30			55	115
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		990.6	1019.5	1.3		5.9		7	30			65	140
10496 COTTBUS	5147N	01419E	70		1009.8	1018.4	1.8		6.1		8	39			48	115
10499 GOERLITZ	5110N	01457E	240		989.2	1018.9	.9	.7	5.9	.3	8	31	-26	1	66	147
10548 MEININGEN	5034N	01023E	453		964.6	1020.8	-1.2		5.4		8	32		2	44	145
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		979.6	1019.6	.0		5.8		5	16			64	150
10557 NEUHAUS A.R.	5030N	01108E	268		917.5	1454 Y	-1.7		4.8		11	91			95	
10567 GERA-LEUMNITZ	5053N	01208E	311		980.7	1019.3	.5		5.7		5	32			72	140
10577 CHEMNITZ	5048N	01252E	420		968.0	1019.8	.7		5.6		8	31			66	140
10578 FICHTELBERG	5026N	01257E	1215		876.4	1457 Y	-1.8	2.1	3.9	-.4	13	88	-14	3	108	189
10609 TRIER-PETRISBERG	4945N	00640E	273		986.7	1020.8	.7	-1.1	6.4	.0	11	47	-25	2	34	85
10628 GEISENHEIM	4959N	00757E	123		1005.5	1021.0	1.5	-.8	6.1	-.1	5	23	-23	2	45	118
10727 KARLSRUHE	4902N	00822E	145		1003.1	1021.3	1.6	-.6	6.7	.4	11	34	-33	2	26	55
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		972.9	1021.4	.2		5.5		9	51		4	68	110
10763 NUERNBERG	4930N	01103E	318		981.9	1021.3	.3	-.3	5.8	.1	9	29	-23	2	53	123
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		966.4	1021.7	-.8	.1	5.4	.3	8	27	-22	2	43	98
10929 KONSTANZ	4741N	00911E	447		967.2	1022.1	1.0	.0	6.1	.3	8	44	-13	3	28	76
10946 KEMPTEN	4743N	01020E	705		936.2	1022.1	-1.5		4.9		7	54			114	155
10961 ZUGSPITZE	4725N	01059E	2962		705.0	3019 Z	-7.4	2.3	1.9	-.3	9	78	-106	1	172	148
10962 HOHENPEIßENBERG	4748N	01101E	986		903.9	1475 Y	.4	.9	4.5	-.2	7	46	-20	2	128	152
AUSTRIA																
11028 ST. POELTEN	4811N	01537E	284		985.2	1020.6	.1		5.1	-.3	3	11	-32	1	44	90
11035 WIEN/HOHE WARTE	4814N	01621E	209		995.7	1021.7	1.3		5.5	.0	3	15	-28	1	41	79
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		950.1	1023.2	-1.9		4.5		5	16		1	124	180
11146 SONNBLICK	4703N	01257E	3111		692.0	3009 Z	-8.8		1.7	-.4	11	68	-194	2	175	161
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		966.5	1022.6	-2.2		4.3	-.8	5	13	-58	1	88	140
11155 FEUERKOGEL	4749N	01344E	1621		835.4	1482 Y	-.8		2.9		8	50		1	147	155
11212 VILLACHERALPE	4636N	01340E	2160		782.5	1499 Y	-3.4		2.9		4	77		3	177	155
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		964.3	1023.3	-1.4		4.8	.2	3	44	-4	3	73	138
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		977.4	1022.5	.1		5.5	.4	3	30	-3	2	92	156
CZECH REPUBLIC																
11423 PRIMDA	4940N	01240E	748		930.3		-2.6		5.1		9	44		3	30	85
11464 MILESOVKA	5033N	01356E	836		919.2		-2.3		4.8		4	27		2	56	110
11487 KOCELOVICE	4928N	01350E	522		957.4	1021.8	-1.3		5.2		5	16		1	32	70
11518 PRAHA/RUZYNE	5006N	01415E	380		975.8	1021.1	-.1	.1	5.4	.1	2	13	-12	2	37	80
11520 PRAHA-LIBUS	5000N	01427E	303		983.3	1021.2	.4		5.6		2	13		2	34	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.
					mb	mb	°C	°C	mb	mb	mm	mm	hr			
11603 LIBEREC	5046N	01501E	399		970.8	1020.5	- .3		5.6		9	39		2	29	100
11659 PRIBYSLAV	4935N	01546E	536		956.0	1021.9	- .8		5.1		4	12		1	20	50
11723 BRNO/TURANY	4910N	01642E	246		991.3	1022.0	.2	.8	5.8	.6	3	24	-3	3	30	77
11782 OSTRAVA/MOSNOV	4941N	01807E	260		988.7	1021.1	1.0	1.4	5.6	.3	2	10	-24	1	43	113
SLOVAKIA																
11903 SLIAC	4839N	01909E	315		983.6	1023.0	- .9	1.0	5.1	.2	5	47	-9	2	50	128
11934 POPRAD/TATRY	4904N	02015E	695		936.9		-2.2	1.1	4.6	.4	3	10	-18	1	87	128
POLAND																
12120 LEBA	5445N	01732E	2		1013.0	1013.7	3.1		6.9		12	57		4	28	
12160 ELBLAG	5410N	01926E	43		1009.5	1014.8	2.0		6.6		11	51		3	14	50
12205 SZCZECIN	5324N	01437E	3		1015.4	1016.2	2.9	2.1	6.7	.7	6	36	-5	2	14	50
12295 BIALYSTOK	5306N	02310E	151		997.6	1016.5	1.1	3.2	5.9	.9	9	38	-2	3	12	50
12330 POZNAN	5225N	01650E	92		1006.5	1017.5	1.7	1.8	6.3	.7	8	35	-3	3	31	97
12375 WARSZAWA-OKECIE	5210N	02058E	107		1004.3	1017.7	1.8	2.7	6.2	.8	4	17	-15	6	29	140
12424 WROCLAW II	5106N	01653E	121		1003.6	1019.3	1.4	1.2	5.7	.0	4	15	-19	1	53	136
12497 WLODAWA	5133N	02332E	179		995.9	1018.4	1.2		6.2		5	17		1	27	80
12566 KRAKOW	5005N	01948E	237		990.7	1020.6	.8	1.8	5.6	.4	3	11	-30	1	48	150
HUNGARY																
12843 BUDAPEST/LORINC	4726N	01911E	139		1005.1	1022.7	.9	.5	5.6	.0	6	39	-1	3	62	132
12882 DEBRECEN	4729N	02136E	109		1008.6	1022.3	1.0	1.2	5.8	.2	5	31	-13	2	51	113
12942 PECS/POGANY	4606N	01814E	203		997.3	1022.8	1.4	.8	6.1	.5	7	48	4	4	37	63
12982 SZEGED	4615N	02006E	83		1012.3	1022.7	1.7	1.1	6.3	.5	5	38	-2	3	62	122
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		747.2	3026 Z	-4.6		2.5		7	131		4	159	145
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		985.6	1022.6	1.5		5.9		10	148		5	61	165
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		1001.9	1022.2	2.9		6.2		9	50		3	44	90
14445 SPLIT/MARJAN	4331N	01626E	128		1002.2	1017.7	10.7		7.5		11	236		6	126	105
BOSNIA AND HERZGOVINA																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		945.6	1022.6	2.3	2.0	5.7	.4	11	92	8	4	51	127
YUGOSLAVIA																
13274 BEOGRAD	4448N	02028E	132		1006.3	1022.7	3.7	1.4	6.6	.7	7	50	-7	2	48	76
13463 PODGORICA-GRAD	4226N	01917E	50		1014.1	1020.3	9.5		8.1		12	371		5	135	125
ROMANIA																
15085 BISTRITA	4708N	02430E	367		977.3	1023.0	- .4	1.4	5.3	.3	6	46	-4	3	42	88
15090 IASI	4710N	02738E	104		1008.2	1021.3	1.5	2.1	5.5	.1	2	12	-19	1	70	123
15120 CLUJ-NAPOCA	4647N	02334E	413		972.1	1023.3	- .2	1.3	5.3	.3	6	19	-13	2	43	80
15247 TIMISOARA	4546N	02115E	88		1011.1	1021.9	2.4	1.6	6.0	.1	6	61	11	4	55	98
15260 SIBIU	4548N	02409E	444		967.9	1023.1	.5	1.6	5.3	.1	7	20	-10	2	42	75
15360 SULINA	4509N	02940E	9		1020.5	1021.2	4.6	1.6	7.4	.5	7	23	-3	4	108	180
15420 BUCURESTI/IMH	4430N	02608E	91		1009.9	1021.1	1.1	.9	5.9	.2	4	53	10	4	65	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	
15480 CONSTANTA	4413N	02838E	14		1021.4	1023.0	5.2	2.0	7.8	.9	6	71	33	5	121	151
BULGARIA																
15552 VARNA	4312N	02755E	43		1016.7	1022.0	5.9	1.4	7.5	.5	6	55	13	4	111	154
15614 SOFIA (OBSERV.)	4239N	02323E	595		950.8	1023.1	1.9	1.3	6.1	.8	6	46	2	3	58	91
ITALY																
16045 UDINE/RIVOLTO	4559N	01302E	53		1012.6	1019.0	5.5		7.5		8	107	4	3	136	
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1011.3	1019.8	4.6		7.6		11	44	-6	3	117	125
16110 TRIESTE	4539N	01345E	20		1018.1	1018.5	9.0		6.7		9	77	-14	3	120	
16158 PISA/S. GIUSTO	4341N	01023E	6		1016.6	1017.4	8.7		8.5		11	113	28	4	103	111
16325 MARINA DI GINOSA	4026N	01653E	12		1014.9	1016.3	12.4		11.8		7	80	22	2		
16420 MESSINA	3812N	01533E	51		1009.8	1016.3	14.0		13.4		15	180	63	5	77	69
16429 TRAPANI/BIRGI	3755N	01230E	14		1014.8	1016.0	14.2		12.9		15	192	127	6	115	91
MALTA																
16597 LUQA	3551N	01429E	91		1008.3	1017.0	15.0	1.2	12.9	.5	13	92	-20	3	143	90
GREECE																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1021.3	1021.8	8.6	1.9	9.1	1.2	7	49	-3	3	58	57
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1017.8	1018.3	12.7	1.6	11.4	1.1	11	110	-70	2	63	57
16648 LARISSA (AIRPORT)	3938N	02225E	74		1011.8	1020.9	7.7	1.4	9.0	1.0	8	42	-10	3	68	67
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1018.6	1020.4	12.3	.3	10.6	.5	6	76	10	4	100	79
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1017.9	1019.3	12.3	.7	11.2	.8	9	180	27	4	125	95
16746 SOUDA (AIRPORT)	3529N	02407E	151		1001.5	1019.8	13.0	.4	11.2	.5	9	55	-38	2	87	72
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1015.0	1019.7	13.9	.1	11.0	.2	10	83	6	4	98	81
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		1007.0	1023.7	8.8	.3	7.4	.2	14	126	-33	2	74	95
17030 SAMSUN	4117N	03618E	4		1022.7	1023.2	8.9	-.3	7.4	-.4	12	84	2	4	87	115
17034 GIRESUN	4055N	03823E	37		1018.7	1023.4	8.0	-1.5	7.1	-.9	15	160	29	4		
17040 RIZE	4102N	04031E	9		1021.4	1022.4	7.5	-.8	8.2	.1	16	322	80	5	58	85
17050 EDIRNE	4140N	02634E	51		1016.2	1022.5	5.5	.9	7.9	.6	8	107	37	4	87	115
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1016.8	1020.9	8.5	.4	7.7	-.8	5	26	-95	0	82	110
17074 KASTAMONU	4122N	03347E	800		928.4	1024.9	.2	-1.0	4.9	-.6	5	14	-23	1		
17084 CORUM	4033N	03457E	776		931.9	1025.6	.5	-1.5	5.4	-.3	5	10	-40	0	72	100
17090 SIVAS	3945N	03701E	1285		876.4	1028.7	-3.6	-3.4	3.9	-.8	5	30	-17	2		
17092 ERZINCAN	3945N	03930E	1218		883.4	1028.2	-3.1	-3.1	3.8	-1.0	1	4	-27	0	90	105
17096 ERZURUM	3957N	04110E	1758		826.3	1036.5	-4.1	.3	1.9	-1.6	4	8	-13	1	66	70
17098 KARS	4037N	04306E	1775		825.2	1036.0			2.0	-1.3	5	8	-12	1	102	110
17112 CANAKKALE	4008N	02624E	6		1021.4	1022.2	9.0	.5	10.2	.9	7	63	-54	2	102	100
17116 BURSA	4011N	02904E	100		1010.8	1023.2	6.3	-1.3	6.7	-1.0	10	44	-74	1	58	55
17130 ANKARA/CENTRAL	3957N	03253E	891		918.9	1024.8	2.3	-.3	5.4	-.4	3	9	-40	1	104	135
17170 VAN	3827N	04319E	1662		833.8	1026.0	-3.7	-2.8	3.7	-.4	5	41	8	4	134	100
17188 USAK	3841N	02924E	919		913.8	1022.0	4.2	.1	6.4	-.2	7	32	-54	1		
17190 AFYON	3845N	03032E	1034		902.3	1023.8	2.7	.3	6.1	.2	3	6	-40	1	66	
17199 MALATYA/BOLGE	3821N	03819E	948		913.8	1027.1	.5		4.5		4	18		1	137	130
17210 SIIRT	3755N	04157E	896		918.4	1024.9	2.6	-2.1	5.0	-.9	3	16	-80	1	148	125
17220 IZMIR/GUZELYALT	3826N	02710E	29		1016.7	1020.2	11.1	.6	9.7	.2	7	78	-75	1	125	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.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
17240 ISPARTA	3745N	03033E	997		906.2	1023.3	3.5	.1	5.7	-.4	5	15	-75	1	132	125
17244 KONYA	3758N	03233E	1031		903.3	1025.3	1.0	-1.0	4.9	-.7	1	3	-41	0	118	115
17250 NIGDE	3758N	03441E	1210		883.8	1025.5	.8	-.9	4.9	-.2	3	12	-28	1	127	110
17255 KAHRAMANMARAS	3736N	03656E	572		954.6	1023.4	5.4	-1.1	5.7	-1.2	5	62	-70	1	132	120
17270 SANLIURFA	3708N	03846E	549		956.2	1021.8	6.2	-1.0	5.4	-2.0	3	8	-79	1	159	115
17280 DIYARBAKIR	3753N	04012E	677		942.9	1024.5	1.4	-2.9	4.1	-2.5	2	5	-70	1	172	145
17285 HAKKARI	3734N	04346E	1728		829.8	1028.9	-4.3	-2.9	3.2	-.8	3	12	-81	1	151	120
17292 MUGLA	3713N	02822E	646		944.5	1021.0	7.4	.4	8.0	-.1	6	185	-96	2	118	100
17300 ANTALYA	3642N	03044E	54		1012.7	1018.9	11.2	-.2	8.1	-1.3	8	177	-45	2	176	115
17340 MERSIN	3648N	03438E	3		1020.8	1021.2	11.8	.6	7.8	-1.9	3	25	-110	0	161	100
17351 ADANA/BOLGE	3659N	03521E	27		1018.2	1021.6	9.6		7.3		4	27	0	0	145	100
CYPRUS																
17609 LARNACA AIRPORT	3453N	03338E	2		1020.3	1020.7	13.2	-.2	10.2		8	69	-11		171	92
RUSSIAN FEDERATION (EUROPE)																
22113 MURMANSK	6858N	03303E	51		990.3	996.7	-4.6	4.5	3.7	.7	10	20	-16	3	0	
22165 KANIN NOS	6839N	04318E	49		994.7	1000.9	-5.9	.5	3.7	.1	16	49	8	4		
22550 ARHANGEL'SK	6430N	04044E	8		1004.9	1005.9	-8.1	2.4	3.2	.3	13	36	-7	2	1	
22837 VYTEGRA	6101N	03627E	56		1000.6	1007.7	-4.6	3.4	4.6	1.3	10	39	-15	2	8	50
ESTONIA																
26038 TALLINN	5923N	02435E	34		1002.1	1006.3	.8	3.7			16	63	8	4	18	100
RUSSIAN FEDERATION (EUROPE)																
26063 ST. PETERBURG	5958N	03018E	6		1006.3	1007.1	-.7	3.9	5.2	1.1	12	62	12	5	9	69
ESTONIA																
26214 VILSANDI	5823N	02149E	6		1006.5	1007.3	3.9	3.6			11	57	-1	3	23	92
26242 TARTU	5818N	02644E	68		999.6	1008.4	.0	4.3			14	49	9	4	23	96
LATVIA																
26346 ALUKSNE	5726N	02702E	193		985.2	1010.0	-.8		5.7		15	63			10	35
LITHUANIA																
26509 KLAJPEDA	5544N	02104E	7		1011.2	1012.1	3.5	3.6	7.3	1.8	11	57	-11	2	28	104
26524 SIAULIAI	5556N	02319E	107		998.4	1011.8	1.2	3.8	6.1	1.3	11	37	-7	2	23	79
LATVIA																
26544 DAUGAVPILS	5552N	02637E	122		996.7	1012.3	.1	3.9	5.9	1.5	15	53	7		1	5
LITHUANIA																
26629 KAUNAS	5453N	02350E	77		1004.1	1013.7	1.3	3.6	6.3	1.5	10	36	-11		24	80
26730 VILNIUS	5438N	02506E	156		995.3	1014.1	.5	3.4	5.9	1.3	14	48	-7		14	56
BELARUS																
26850 MINSK	5356N	02738E	231		987.1	1015.0	-.3	3.5	5.5	1.1	12	38	-15	1	21	78
RUSSIAN FEDERATION (EUROPE)																

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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	%		
27037 VOLOGDA	5919N	03955E	130		994.4	1011.0	-5.8	3.1	3.8	.6	15	36	-6	2	6	30
27595 KAZAN'	5536N	04917E	116		1002.4	1017.8	-7.0	2.0	3.6	.6	14	45	8	4	5	15
27612 MOSKVA	5550N	03737E	156		994.2	1014.0	-2.9	3.2	4.6	.9	15	57	2			
UKRAINE																
33275 SUMY	5051N	03440E	181		995.8	1018.7	-1.6	2.4	5.0		9	23	-31	1		
33301 RIVNE	5035N	02608E	231		991.1	1020.0	.0	2.5	5.5		7	18	-19	1		
33345 KYIV	5024N	03034E	167		998.1	1019.3	2.2	4.5	5.5	.7	4	16	-36	1		
33377 LUBNY	5000N	03301E	158		999.5	1019.4	-4	2.7	5.5		7	28	-32	1		
33393 L'VIV	4949N	02357E	323		981.2	1021.4	.6	2.7	5.3	.5	4	9	-48	1	41	111
33415 TERNOPIL'	4932N	02540E	329		979.2	1020.2	-8	2.1	5.0		5	20	-19	1		
33429 KHMEL'NYTS'KYI	4926N	02659E	350		977.4	1021.0	-1.0	1.6	5.2		7	33	-10	2		
33506 POLTAVA	4936N	03433E	160		999.2	1019.5	-6	2.5	5.0	.3	8	26	-25	1	35	83
33526 IVANO-FRANKIVS'K	4858N	02424E	280		986.2	1021.2	-2	1.9	5.2		4	19	-21	1		
33562 VINNYTSIA	4914N	02836E	298		983.2	1020.4	-9	1.6	5.2	.5	3	22	-21	1	38	93
33587 UMAN'	4846N	03014E	216		993.6	1020.7	.3	2.7	5.6	.8	2	18	-30	1		
33631 UZHHOROD	4838N	02216E	124		1008.1	1022.9	1.1	1.5	5.6	.4	7	39	-30	1	43	93
33658 CHERNIVTSI	4822N	02554E	246		990.6	1021.4	.1	2.0	5.2	.5	4	10	-27	1	48	91
33711 KIROVOHRAD	4831N	03212E	171		998.9	1020.5	.2	2.5	5.7		2	12	-30	1		
33777 VOZNESENS'K	4734N	03120E	34		1016.5	1020.7	2.5		6.3		4	19		2		
33791 KRYVVI RIH	4802N	03313E	124		1004.8	1020.6	.5	2.1	5.8		4	21	-22	2	35	85
33837 ODESA	4626N	03046E	42		1015.9	1021.2	3.8	2.4	6.8	.9	5	33	-15	2	75	132
33889 IZMAIL	4522N	02851E	30		1017.8	1021.6	3.5	2.5	6.4	.6	7	43	2	4	114	150
33902 KHERSON	4638N	03234E	54		1013.7	1020.4	2.5	2.4	6.5		5	53	13	5	56	105
33915 ASKANIYA-NOVA	4627N	03353E	30		1017.6	1021.4	2.2	1.9	6.4	.5	7	46	9	5	67	134
33946 SIMFEROPOL'	4441N	03408E	181		999.8	1022.3	3.2	.8	6.4	-.1	7	24	-30	1	71	95
33998 AI-PETRI	4426N	03405E	1180		882.8		-1.9	-4	4.6		12	85	-88	3	85	100
34300 KHARKIV	4958N	03608E	155		1000.0	1019.5	-1.1	2.3	5.2	.6	9	36	-9	3	28	90
KAZAKHSTAN																
34398 ZHALPAKTAL	4940N	04929E	10		1019.6	1020.9	-5.0	1.8	4.1	.6	8	24	1		43	105
UKRAINE																
34415 IZIUM	4911N	03718E	78		1010.2	1020.0	-.4		5.4		8	40		3		
34504 DNIPROPETROVS'K	4836N	03458E	143		1002.0	1020.4	-.1	2.0	5.7		8	33	-19	3	35	80
34519 DONETS'K	4804N	03746E	225		992.4	1020.8	-9	1.7	5.4		11	57	5	5		
34523 LUHANS'K	4834N	03915E	62		1012.8	1020.6	-.6	1.6	5.4		11	49	6	4	32	90
34712 MARIUPOL'	4702N	03730E	70		1012.3	1021.2	.4		5.6		8	43		2		
RUSSIAN FEDERATION (EUROPE)																
34880 ASTRAHAN'	4617N	04803E	-23		1025.0	1022.3	-.3	1.5	5.6	.8	6	32	17	5		
AZERBAIJAN																
37661 SHAKI	4113N	04710E	641		946.5		2.9	.1	5.2	-.2	1	1	-27			
37735 GYANCA	4043N	04625E	311		985.8	1024.2			5.2	-.1	1	1	-17		117	
ARMENIA																
37789 YEREVAN	4008N	04428E	907		895.6	1523 Y	3.9	1.9	3.6	-1.4	1	2	-20	0	94	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.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
AZERBAIJAN																
37860 MASHTAGA	4032N	05000E	28		1016.8	1020.2	6.1	.3	7.5	.6	2	37	10		114	123
37989 ASTARA	3827N	04853E	-22		1026.9	1024.2	6.4	-.4			7	87	-16		145	132
UZBEKISTAN																
38178 AK-BAJTAL	4309N	06420E	234		995.9	1025.4	-2.2	.6	4.5	.2	1	6	-11	2		
SYRIAN ARAB REPUBLIC																
40001 KAMISHLI	3703N	04113E	455		964.8	1018.7	7.3	-.7	4.3	-3.3	2	50	-18	0		
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		975.3	1021.9	5.6	-1.7			8	32	-26			
40030 HAMA	3507N	03645E	303		986.7	1018.3	6.3	-1.6	7.6	-1.2	9	20	-46			
40045 DEIR EZZOR	3519N	04009E	212			1023.3	5.8	-2.3	.5	-7.5	7					
40061 PALMYRA	3433N	03818E	404		973.7	1022.0	5.9	-2.3	6.8	-.9	3	16	-5		199	121
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		949.0	1021.6	5.5	-1.7	5.3	-2.1	2	10	-16			
ISRAEL																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1015.4	1019.6	13.9		9.6		7	74		2		
40199 EILAT	2933N	03457E	12		1018.2	1018.5	15.6	-.6	7.7		1	22	16	5	215	95
JORDAN																
40310 MA'AN	3010N	03547E	1070		896.8	1509 Y	8.1	-.9	5.9	-.8	1	3	-4	3	231	104
ASIA																
RUSSIAN FEDERATION (IN ASIA)																
20046 POLARGMO IM. E.T. KRENKELJA	8037N	05803E	22		998.6	1006.7	-13.8	9.3	20.6	19.5		129	103	2		
20069 OSTROV VIZE	7930N	07659E	10		1006.1	1007.4	-15.3	8.6	1.9	.9	8	27	12	5		
20292 GMO IM. E.K. FEDOROVA	7743N	10418E	15		1016.5	1017.7	-24.2	1.9	1.1	.4	10	20	2	4		
20674 OSTROV DIKSON	7330N	08024E	47		1011.8	1018.2	-23.2	-.3	11.3	10.1	10	36	5	4		
20891 HATANGA	7159N	10228E	33		1021.0	1025.7	-28.6	1.1	.8	.2	4	14	-6	2		
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1022.4	1024.5	-28.6	-1.0	.6	.0	0	T	-8			
21946 CHOKURDAH	7037N	14753E	61		1017.7	1026.5	-36.0	-3.1	.4	.0	6	17	5			
23205 NAR'JAN-MAR	6738N	05302E	12		1007.0	1008.5	-13.2	1.1	2.3	.1	10	27	-3	3		
23330 SALEHARD	6632N	06640E	16		1016.4	1018.8	-24.2	-3.5	1.0	-.3	6	15	-9			0
23472 TURUHANSK	6547N	08756E	38		1024.5	1030.0	-28.3	-4.6	.5	-.6	4	12	-30	0	5	
23552 TARKO-SALE	6455N	07749E	27		1020.9	1024.8	-26.6	-4.7	.7	-.6	5	14	-16	6	0	
23724 NJAKSIMVOL'	6226N	06052E	51		1012.5	1019.7	-21.7	-4.1	1.2	-.5	9	24	-8		15	
23884 BOR	6136N	09001E	58		1023.3	1031.5	-28.0	-6.1	.7	-.6	9	32	-15	2	10	91
23933 HANTY-MANSIJSK	6101N	06902E	46		1017.0	1023.7	-21.1	-4.4	1.2	-.6	6	31	0			0
24125 OLENEK	6830N	11226E	220		998.3	1030.4	-36.2	-2.9	1.2	.6	1	12	-2			
24143 DZARDZAN	6844N	12400E	39		1026.8	1032.7	-42.4	-6.5	.2	-.1	6	19	5			
24266 VERHOJANSK	6733N	13323E	137		1013.3	1034.3	-45.3	-1.7	.1	-.1	1	9	-1			0
24507 TURA	6416N	10014E	168		1009.6	1037.4	-39.2	-7.1	.2	-.3	5	10	-11	1		
24641 VILJUJSK	6346N	12137E	111		1016.9	1033.7	-40.7	-5.7	.2	-.2	4	10	-5			0
24688 OJMJAKON	6315N	14309E	741		932.0	1042.5	-48.9	-3.3	.1	.0	1	5	-5		11	
24738 SUNTAR	6209N	11739E	133		1013.4	1033.9	-38.0	-6.8	.0	-.6	2	9	-8		14	
24817 ERBOGACEN	6116N	10801E	291		993.2	1035.6	-35.3	-6.3	.8	.1	2	9	-9		37	
24959 JAKUTSK	6201N	12943E	101		1018.6	1034.0	-43.8	-5.0	.1	-.1	2	5	-7		6	206

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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	
25173 MYS SHMIDTA	6854N	17922W	4		1018.0	1018.5	-22.1	1.4	1.1	.1	11	26	4			
25248 ILIRNEJ	6715N	16758E	353		974.8	1026.1	-38.0	-4.8	.2	-3	5	24	7			
25325 UST' -OLOJ	6633N	15925E	127		1009.7	1028.7	-38.5	-3.6	.2	-2	2	10	-6			
25399 MYS UELEN	6610N	16950W	3		1008.5	1009.3	-14.1	3.0	2.2	.5	10	23	-5			
25400 ZYRJANKA	6544N	15054E	43		1022.4	1028.7	-36.3	-1.0	.3	.0	3	7	-10			
25563 ANADYR'	6447N	17734E	61		1006.4	1014.8	-20.9	-9	1.6	.1	7	39	-1		30	
25744 KAMENSKOE	6226N	16605E	10		1011.6	1015.1	-24.7	-1.9	.7	-.4	10	44	6		13	
25954 KORF	6021N	16600E	4		1010.0	1010.4	-14.7	-1.1	1.7	-.3	5	16	-14	2	47	142
28224 PERM'	5801N	05618E	171		996.9	1019.5	-12.0		2.3		8	31	2	2	13	15
28275 TOBOL' SK	5809N	06815E	50		1017.5	1024.0	-19.6	-4.4	1.3	-.6	7	28	5	5	68	162
KAZAKHSTAN																
28679 PETROPAVLOVSK	5450N	06909E	142		1006.1	1025.3	-16.4	-2.5	1.7	-.4	12	47	27	5	23	37
RUSSIAN FEDERATION (IN ASIA)																
28698 OMSK	5501N	07323E	122		1010.0	1026.7	-17.0	-2.6	1.6	-.4	15	37	16		56	92
KAZAKHSTAN																
28766 BLACOVESSENSKA	5422N	06658E	151		1004.4	1024.7	-15.5		1.7		10	31		5		
28879 KOKSHETAY	5317N	06923E	229		995.5	1025.9	-13.0	-1.2	2.0	-.2	8	32	21	6	60	80
28952 KUSTANAI	5313N	06337E	156		1004.2	1024.3	-11.9	.8	2.5	.2	8	37	17		52	67
28966 RUZAEVKA	5249N	06658E	227		995.5	1025.6	-13.6		2.0		14	44				
RUSSIAN FEDERATION (IN ASIA)																
29231 KOLPASEVO	5819N	08257E	75		1018.1	1028.7	-22.3	-4.8	1.0	-.7	12	30	0		32	82
29263 ENISEJSK	5827N	09209E	79		1021.1	1032.2	-21.1	-2.2	.8	-.7	6	20	-15	1	60	273
29282 BOGUCANY	5823N	09727E	133		1015.6	1034.7	-27.3	-5.9	.7	-.5	4	15	-4	2	22	157
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		994.4	1031.8	-18.3		1.3		10	36		4		
KAZAKHSTAN																
29807 IRTYSHSK	5321N	07527E	94		1014.9	1027.6	-16.1	-1.9	.4	-1.7	8	35	20			
RUSSIAN FEDERATION (IN ASIA)																
29866 MINUSINSK	5342N	09142E	254		998.0	1032.2	-16.4	-.5	1.7	.0	3	10	-1	3	38	112
30230 KIRENSK	5746N	10804E	259		999.5	1036.5	-30.0	-5.5	.6	-.4	7	18	-9		50	172
30309 BRATSK	5617N	10145E	416		977.3	1033.6	-20.3	-2.7	1.2	-.4	4	14	-6		66	153
30554 BAGDARIN	5428N	11335E	903		915.6	1037.8	-29.4	-3.1	.5	-.2	01	1	-1	2		
30673 MOGOCA	5345N	11944E	625		948.1	1034.5	-29.7	-2.1	.5	-.1		4	-1	1		
30710 IRKUTSK	5216N	10419E	469		970.9	1032.9	-15.6	.4	1.8	.1	9	19	0		63	102
30758 CHITA	5205N	11329E	671		944.7	1035.1	-24.0	-1.2	.9	.0		2	-2	2	134	124
31004 ALDAN	5837N	12522E	79		940.7	1034.6	-30.7	-5.5	.5	-.3	9	26	-5		36	88
31088 OHOTSK	5922N	14312E	6		1014.6	1015.4	-22.5	-2.5	.8	-.2	4	24	7	4	60	111
31168 AJAN	5627N	13809E	8		1018.0	1019.2	-19.4	-2.9	.7	-.3	1	5	-30		82	117
31253 BOMNAK	5443N	12856E	357		977.6	1029.3	-30.0	.0	.4	-.1	2	4	-6		101	119
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1009.1	1018.3	-20.4	-.1	1.3	.1	7	54	9			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1011.8	1021.9	-25.5	-.5	.7	-.1	5	10	-5		143	123
31960 VLADIVOSTOK	4307N	13154E	183		999.3	1024.0	-10.1	-.6	2.1	-.1	5	48	29			
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1010.9	1013.9	-8.8	-.1	2.7	-.2	17	71	8	4	113	111
32618 NIKOL' SKOE	5512N	16559E	18		1001.5	1003.7	-1.8	.2	4.4	.0	16	66	-3	2	35	106

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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	
KAZAKHSTAN																
35067 ESIL'	5153N	06620E	221		997.0	1026.2	-12.9		2.3		8	24		5		
35078 ATBASAR	5149N	06822E	304		987.2	1027.6	-15.0	-1.2	2.1	.0	9	32	12	5	65	77
35108 URALSK	5115N	05117E	37				-6.4	2.0	3.8	.7	10	23	-5	0	35	54
35188 AKMOLA	5108N	07122E	350		983.1	1029.0	-12.8	-2	2.2	-1	9	36	19	5	75	80
35217 DZHAMBETY	5015N	05234E	32		1015.7	1019.9	-6.1		3.4		6	19				
35229 AKTJUBINSK	5017N	05709E	219		995.1	1023.6	-9.0	1.0	1.8	-1.0	14	45	20	5		
35376 BERLIK	4953N	06931E	349		982.4	1029.2	-13.9		2.2		4	18			86	
35394 KARAGANDA	4948N	07309E	553		958.9	1030.7	-11.6	-5	2.2	-2	8	30	8		91	92
35406 TAIPAK	4903N	05152E	2		1022.3	1022.5	-4.8	2.0	3.8	.3	02	0009	-013	4	42	59
35416 ULL	4904N	05441E	128		1010.7		-6.9	.5	3.5	.3	13	49	27	1		
35426 TEMIR	4909N	05707E	234		994.2	1024.4	-8.9		3.0		12	71		6		
35746 ARALSKOE MORE	4647N	06139E	62		1017.3	1025.8	-7.9	-8	3.1	-2	5	22	11	4	79	75
35796 BALHASH	4648N	07505E	350		986.1	1031.6	-8.0	1.9	3.0	.4	2	5	-8	1	134	102
35849 KAZALINSK	4546N	06207E	68		1016.5	1025.4	-6.2	-6	3.3	-3	3	21	9	6		
35925 SAM	4524N	05607E	88		1012.8	1024.3	-4.5	-7	4.0	-3	8	35	23			
35953 DZHUSALY	4530N	06405E	103		1011.6	1024.9	-5.4		3.5		5	15		4		
36003 PAVLODAR	5218N	07656E	122		1012.3	1028.8	-14.8		1.9		11	45		1		
36177 SEMIPALATINSK	5025N	08018E	196		1005.9	1031.9	-11.8	.7	2.4	.2	8	37	17	5	85	90
36208 LENINOGORSK	5020N	08333E	811		929.7	1032.4	-11.5	-1.0	2.1	.0	10	52	30	5		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		982.2	1035.3	-13.6		2.2		9	23			103	115
36535 KOKPEKTY	4845N	08222E	512				-14.7	2.2	2.1	.5	3	7	-26			
36859 ZHARKENT	4410N	08004E	645		950.3	1030.5	-4.8	-4	3.8	.2	6	26	14		119	82
36870 ALMATY	4314N	07656E	851		925.3	1028.9	-3.1	.7	4.2	.3	7	59	26	5	69	68
38062 KYZYLORDA	4451N	06530E	130		1009.1	1025.7	-4.0	.8	3.5	-4	3	6	-13	1		
38069 CIILI	4410N	06645E	153		1006.7	1026.2	-2.3		3.9		3	9				
38198 TURKESTAN	4316N	06813E	207		1000.0	1026.3	.5	1.9	5.1	.4	6	37	7			
UZBEKISTAN																
38262 CHIMBAJ	4257N	05949E	66		1016.0	1024.4	-2.0	.3	4.4	.1	2	8	-9	3	101	97
KAZAKHSTAN																
38328 SHYMKENT	4219N	06942E	604		952.0	1025.5	1.6		5.5		12	127		5	87	
38334 AUL TYRARA RYSKULOVA	4229N	07018E	808		928.3	1025.5	.6		4.7		14	153		5		
38341 ZHAMBYL	4251N	07123E	651		947.1	1027.3	-2.0		4.7		10	70		5	96	
38343 KOULAN	4257N	07245E	683		943.4	1028.0	-3.7		4.2		8	40		5		
TURKMENISTAN																
38388 EKEZHE	4102N	05746E	62		1017.2	1023.4	.4		6.0		3	8			116	
UZBEKISTAN																
38396 URGENCH	4134N	06034E	101		1012.1	1025.0	-2		4.7		1	13		4		
38403 BUZAUBAJ	4145N	06228E	98		1012.8	1025.3	-7		3.8		2	8		3		
38413 TAMDY	4144N	06437E	237		995.9	1025.5	1.0	.8	4.8	.2	3	22	7	4	85	79
KAZAKHSTAN																
38439 CARDARA	4122N	06800E	275		991.5	1025.2	.2		6.0		10	54				

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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	
UZBEKISTAN																
38457 TASHKENT	4116N	06916E	488		965.4	1024.8	4.2	1.0	6.3	.9	9	97	44	5	106	101
TURKMENISTAN																
38507 TURKMENBASHI	4003N	05300E	-13			1023.2	4.5	-.2	6.3	-.3	6	14	0		128	103
38511 CHAGYL	4047N	05520E	115		1009.4	1023.9	4.7		5.8		3	10				
38545 DARGANATA	4028N	06217E	142		1006.4	1024.6	3.8		4.4		4	18				
UZBEKISTAN																
38611 NAMANGAN	4059N	07135E	474		968.8	1026.9	3.5		6.8		7	40		5	77	70
38618 FERGANA	4022N	07145E	577		955.0	1025.0	2.8	1.5	6.2	.7	6	39	26	5	81	85
TURKMENISTAN																
38634 NEBITDAG	3930N	05420E	-08		1023.9	1023.0	5.6	.1	6.7	.3	5	11	-5			
38656 ERBENT	3919N	05836E	87		1012.9	1023.8	2.9	.3	5.7	.1	3	5	-8			
UZBEKISTAN																
38683 BUHARA	3943N	06437E	226		996.1	1024.9	3.2		6.3		5	22		4		
TURKMENISTAN																
38684 DJACHEV	3919N	06312E	182		1003.9	1026.7	3.4		7.0		7	27				
38687 CHARDZHEV	3905N	06336E	190		1000.9	1024.9	3.5	.2	6.8	1.0	8	34	17		73	55
UZBEKISTAN																
38696 SAMARKAND	3934N	06657E	724		936.8	1023.3	3.4	.1	6.4	.9	7	81	40	5	94	72
TURKMENISTAN																
38750 ESENGYLY	3728N	05338E	-22		1025.0	1022.1	6.8	.0	8.6	.4	7	21	-6			
38755 BYGDAILI	3832N	05418E	-01		1022.0	1021.2	5.3		5.7		2	4				
38763 GYZYLARBAT	3859N	05617E	92		1012.2	1023.0	3.8	.5	7.0	.7	4	30	6		84	76
UZBEKISTAN																
38812 KARSHI	3848N	06543E	376		977.9	1023.9	4.8		4.8		9	74		6		
TURKMENISTAN																
38895 BAJRAMALY	3736N	06211E	240		995.0	1024.9	4.3	-.5	6.7	1.3	7	35	11		91	71
UZBEKISTAN																
38927 TERMEZ	3714N	06716E	310		986.2	1024.2	5.7	.2	7.6	.9	6	43	27	5		
TURKMENISTAN																
38974 SARAGT	3632N	06113E	275		989.1	1023.1	5.5	-.4	6.7	1.0	5	28	2			
SAUDI ARABIA																
40356 TURAIIF	3141N	03844E	852		921.2	1504 Y	6.2		6.0		2	19			227	
40357 ARAR	3054N	04108E	549		956.3	1021.6	7.8		7.2		3	6				
40360 GURIAT	3124N	03716E	504		960.9	1021.0	7.6		6.1		1	6				
40361 AL-JOUF	2947N	04006E	689		942.5	1021.2	8.2		5.4		3	4				
40362 RAFHA	2937N	04329E	444		967.7	1020.9	9.1		7.1		1	20			230	

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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	
40373 AL QAYSUMAH	2819N	04607E	360		976.7	1019.4	10.5		6.0		3					
40375 TABUK	2822N	03636E	768		930.6	1019.1	10.7		6.0		0	T			271	
40377 HAFR AL-BATIN	2754N	04532E	414		971.9	1021.1	10.2		7.2							
40394 HAIL	2726N	04141E	1013		905.5	1520 Y	9.9		6.6		1	17			224	
40400 WEJH	2612N	03628E	21		1013.1	1015.9	20.0		12.5		2	7			272	
40405 GASSIM	2618N	04346E	650		944.4	1019.5	12.3		8.5		8	9				
40410 KHAYBER	2540N	03918E	754		930.6	1015.5	18.5		7.2		0	0				
40416 DHAHRAN	2616N	05009E	17		1015.7	1017.7	15.9	-1.1	11.8	1.4	6	19	8			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		1017.6	1019.2	14.7		10.2		7	45				
40420 AL AHSA	2518N	04929E	178		998.1	1019.2	14.8		10.4		4	219				
40430 MADINAH	2433N	03942E	636		943.8	1015.7	18.2	-0.8	8.2	1.6	01	1	-2		257	
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		948.8	1019.9	13.5		9.0		6	92			194	
40438 RIYADH	2443N	04644E	620		949.0	1021.0	14.3	-1.1	7.9	-0.1	10	161	151		213	
40439 YENBO	2409N	03804E	10		1013.4	1014.6	22.2		14.5		0	0				
IRAN, ISLAMIC REPUBLIC OF																
40706 TABRIZ	3805N	04617E	1361		867.9	1027.9	-2.1	-2.4	3.6	-0.9	4	8	-18		187	146
40712 ORUMIEH	3732N	04505E	1312		870.5	1025.1	-1.9	-2.3	3.9	-0.8	4	13	-19		149	126
40718 ANZALI	3728N	04928E	-23		1025.7	1022.8	8.7	-0.8	9.3	-1.0	12	231	4		133	145
40745 MASHHAD	3616N	05938E	989		905.6	1022.8	4.1	1.5	5.9	0.6	6	54	28		136	89
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		884.3	1021.2	5.3	0.3	5.6	0.4	9	32	-4		140	83
40766 KERMANSHAH	3416N	04707E	1322		871.7	1023.2	2.5	-1.0	5.2	-0.3	6	43	-27		160	109
40831 ABADAN	3022N	04815E	11		1019.8	1020.6	11.1	-2.7	9.3	-1.2	6	48	18		196	108
40841 KERMAN	3015N	05658E	1754		826.5	1019.2	6.1	-0.1	5.3	1.2	6	52	34		171	86
40848 SHIRAZ	2932N	05235E	1491		853.7	1020.1	6.6	-0.2	6.7	0.9	11	303	240		179	83
SAUDI ARABIA																
41024 JEDDAH (KING ABDUL AZIZ INT.)	2142N	03911E	17		1012.0	1013.9	24.9	0.2	19.7	1.1					205	
41030 MAKKAH	2126N	03946E	240		985.4	1012.6	24.7		16.3		3	28				
41036 TAIF	2129N	04033E	1454		856.6	1512 Y	15.0	-0.9	10.8	2.4	5	18	11		244	
41055 AL BAHA	2018N	04138E	1662		837.3	1521 Y	15.3		11.6		5	10			238	
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		945.8	1016.6	18.0		5.5		2	153			271	
41084 BISHA	1959N	04237E	1163		887.0	1014.0	17.5		10.5		1	24			248	
41112 ABHA	1814N	04239E	2093		795.3	1523 Y	13.4		11.0		1				253	
41114 KHAMIS MUSHAIT	1818N	04248E	2056		798.8	1519 Y	14.4		11.3		1	4			280	
41128 NAJHRAN	1737N	04425E	1210		882.6	1529 Y	17.7		11.5		2	5			231	
41136 SHARURAH	1728N	04707E	725		934.0	1015.2	19.5		9.6		0	0			266	
41140 GIZAN	1654N	04235E	7		1011.7	1012.5	27.1		26.8		1	4				
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		1018.5	1018.7	17.8	-1.5	14.7	-2.2	7	27	17	5	198	88
UNITED ARAB EMIRATES																
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1015.3	1018.1	21.1	1.2	16.4	0.9	3	20	11	2	242	96
OMAN																
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8		1015.8	1016.8	22.8		19.1		2	45			120	
41268 SUR	2232N	05929E	14		1015.2	1016.9	22.9		18.0		3	43				
41288 MASIRAH	2040N	05854E	19		1014.6	1016.8	24.3		20.3		1	2				

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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	%
41314 THUMRAIT	1740N	05402E	467		965.7	1019.2	20.4		12.5							
41316 SALALAH	1702N	05405E	20		1013.4	1016.2	24.6		15.9		1	2			247	
PAKISTAN																
41515 DROSH	3534N	07147E	1465			1544 Y	7.7	1.1	5.3		0	0	-46	0		
41530 PESHAWAR	3401N	07135E	360		975.9	1018.0	13.9	1.4	10.9		5	26	3	4		
41571 ISLAMABAD AIRPORT	3337N	07306E	508		957.9	1017.0	12.6	1.0	9.9		1	28	-9	0		
41594 SARGODHA	3203N	07240E	188		995.6	1017.2	14.9		11.5		2	13		0		
41598 JHELUM	3256N	07343E	234		989.0	1016.1	15.1	1.5	12.9		2	15	-15	3		
41600 SIALKOT	3230N	07432E	256		984.6	1015.6			12.3		3	21	-9	0		
41620 ZHOB	3121N	06928E	1407		860.1	1508 Y	7.6	- .6	5.3		3	38	25	5		
41624 DERA ISMAIL KHAN	3149N	07055E	173		996.6	1016.8	15.1	1.5	10.7		1	15	5	4		
41640 LAHORE CITY	3133N	07420E	215		991.0	1016.3	16.3	2.1	11.9		2	8	-5	3		
41660 QUETTA AIRPORT	3015N	06653E	1587		844.3	1534 Y	7.0	1.9	5.5							
41675 MULTAN	3012N	07126E	123		1002.3	1016.8	15.5	1.4	11.2		2	9	3	5		
41685 BAR KHAN	2953N	06943E	1097			1506 Y	12.1	- .1	5.1		2	38	32	0		
41710 NOKKUNDI	2849N	06245E	683		937.6	1016.4	13.7	.5	6.3		3	32	31	0		
41712 DAL BANDIN	2853N	06424E	850		921.3	1523 Y			4.4		3	70	63	6		
41715 JACOBABAD	2818N	06828E	56		1010.1	1017.2	17.4	1.0	9.5		1	24	21	5		
41718 KHANPUR	2839N	07041E	88		1005.7	1015.9	16.3	1.9	11.5		1	7	4	0		
41739 PANJGUR	2658N	06406E	981		906.2	1516 Y	12.9	.8	6.6		2	63	54	6		
41744 KHUZDAR	2750N	06638E	1232			1497 Y	12.8	.9	5.3		1	2	-13	0		
41749 NAWABSHAH	2615N	06822E	38		1013.0	1016.3	17.6	1.2	11.4		2	6	4	0		
41756 JIWANI	2504N	06148E	57		1008.8	1015.2	20.1	- .3	15.0		3	38	18	5		
41759 PASNI	2516N	06329E	6		1014.4	1015.0	20.7		15.6		2	39	18	0		
41768 CHHOR	2531N	06947E	6		1014.9	1015.6	18.7	1.4	9.9		1	4	3	5		
41780 KARACHI AIRPORT	2454N	06708E	22		1013.0	1015.6	22.1	2.6	9.5		1	4	0	4		
INDIA																
42027 SRINAGAR	3405N	07450E	1587		846.5	1550 Y	4.5	1.1	6.7		1	13	-41	2	88	
42071 AMRITSAR	3138N	07452E	234		989.1	1016.9	12.0	- .9	11.9		1	19	1	4	150	82
42147 MUKTESHWAR KUMAON	2928N	07939E	2311		779.3	3195 Z	11.5	3.1	5.1		0	0	-29	1		
42165 BIKANER	2800N	07318E	224			1016.1	18.3	2.2	12.3		01	1	0	4		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		391.0	1016.7	16.2	.5	12.3						112	52
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		1003.4	1016.4	18.1	1.3	16.0			29	5	4	232	
42339 JODHPUR	2618N	07301E	224			1015.9	19.9		9.0		0	0		4		
42404 DHUBRI	2601N	08959E	35		1012.2	1016.2	18.7		18.0							
42410 GAUHATI	2606N	09135E	54		1009.3	1015.7	18.6	.5	17.6		01	1	-9	2	202	87
42452 KOTA AERODROME	2509N	07551E	274			1016.5	19.6	1.0	11.2		0	0	-5	4		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		1006.3	1017.9	19.7	2.4	15.1		0	0	-10	2	86	35
42515 CHERRAPUNJI	2515N	09144E	1313		871.6	1524 Y	13.7	1.0	10.4		2	28	-1	4		
42619 SILCHAR	2445N	09248E	29		1011.7	1015.1	21.1		18.8		1	6		4		
42647 AHMADABAD	2304N	07238E	55		1008.6	1015.1	22.7	1.4	13.1		0	0	-5	4	225	78
42671 SAGAR	2351N	07845E	551		953.4	1015.9	19.5	.7	12.4		0	0	-15	2		
42731 DWARKA	2222N	06905E	11		1013.4	1014.7	24.7	1.9	16.5		0	0	-1			
42754 INDORE	2243N	07548E	567		951.2	1015.1	19.5	.7	10.7		0	0	-7	3	262	93
42867 NAGPUR SONEGAON	2106N	07903E	310		979.7	1015.1	21.3	.9	13.1		0	0	-19	2	282	105
42909 VERAVAL	2054N	07022E	8		1013.0	1013.9	25.3	2.1	18.1		0	0	0	5		
42933 AKOLA	2042N	07702E	282		982.1	1014.1	22.7	1.2	11.9		0	0	-10	2		

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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	%
42971 BHUBANESWAR	2015N	08550E	46		1009.9	1015.2	22.9	.9	18.1		0	0	-9	3	227	89
43041 JAGDALPUR	1905N	08202E	553		953.1	1015.5	19.5	.0	15.2		0	0	-4	3		
43057 BOMBAY/COLABA	1854N	07249E	11		1011.7	1012.9	26.9	.6	20.3		0	0	-2	4	235	93
43063 POONA	1832N	07351E	559		951.4	1013.5	20.1	-.1	13.5		0	0	-4	3	266	92
43128 HYDERABAD AIRPORT	1727N	07828E	545		953.5	1014.1	21.5	-.1	14.6		0	0	-3	3	269	102
43185 MACHILIPATNAM	1612N	08109E	3		1013.7	1014.1	24.6	.3	22.4		0	0	-21	2	274	
43192 GOA/PANJIM	1529N	07349E	60		1005.3	1012.1	26.6	-.3	21.0		0	0	-2	4	290	97
43279 MADRAS/MINAMBAKKAM	1300N	08011E	16		1011.5	1013.3	25.6	.6	23.2		3	15	-137	1	230	113
43314 KOZHIKODE	1115N	07547E	5		1010.6	1011.2	27.5	.3	24.3		0	T	-25	1		
43363 PAMBAN	0916N	07918E	11		1010.6	1011.9	26.0	-.3	28.6		17	197	-15	3		
43369 MINICOY	0818N	07309E	2		1010.6	1010.8	28.2	.7	29.3		3	7	-60	1	248	100
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1003.5	1010.8	27.8	.7	25.5		2	21	-44	2	220	102
SRI LANKA																
43418 TRINCOMALEE	0835N	08115E	7		1002.9	1011.7	26.2	.1	28.9	1.6	19	461	120			
43466 COLOMBO	0654N	07952E	7		1009.1	1010.3	27.0	.4	28.8	1.7	13	117	-51		188	87
43497 HAMBANTOTA	0607N	08108E	20		1008.5	1010.1	26.8	.3	29.6	2.1	10	167	49			
MONGOLIA																
44203 RINCHINLHUMBE	5107N	09940E	1583		843.8	1052.9	-27.7	2.2	.6	.1	2	6	4	6		
44207 HATGAL	5026N	10009E	1668		832.2	1037.6	-19.0	1.7	1.2	.3	3	3	2	2		
44212 ULAAN-GOM	4959N	09205E	939		919.6	1046.1	-23.8	1.7	.9	.2	5	15	11	5	61	59
44213 BARUUNTURUUN	4939N	09424E	1232		883.5	1043.4	-23.3	3.3	1.0	.2	3	8	2	4		
44214 UIGI	4856N	08956E	1715		828.8	1036.0	-15.4	-.4	1.4	-.2	4	6	5	5		
44215 OMNO-GOBI	4901N	09143E	1590		842.0	1036.6	-17.0	3.3	1.4	.3	1	5	4	5		
44218 HOVD	4801N	09134E	1405		862.8	1037.4	-16.0	4.0	1.9	.8	2	6	5	5	106	70
44225 TOSONTSENGEL	4844N	09812E	1723		829.3	1045.2	-25.4	2.8	1.0	.2	3	7	1	4		
44230 TARIALAN	4934N	10200E	1235		882.5	1037.7	-17.3	.5	1.3	.2	2	5	4	5		
44231 MUREN	4934N	10010E	1283		874.8	1037.4	-17.9	1.9	1.2	.2	2	5	4	5		
44232 HUTAG	4923N	10242E	938		915.7	1039.0	-19.5	.9	1.4	.3	1	3	1	4		
44237 ERDENEMANDAL	4832N	10123E	1509		849.5	1034.7	-15.5	1.0	1.7	.3	1	2	0	3		
44239 BULGAN	4848N	10333E	1208		880.9	1033.4	-17.2	.6	1.5	.3	1	4	3	5		
44241 BARUUNKHARAA	4855N	10604E	807		930.8	1037.9	-22.0	-1.2	1.1	.1	1	7	2	1		
44256 DASHBALBAR	4933N	11424E	705		939.0	1032.8	-21.0	-3.3	1.1	-.1	3	7	5	5		
44259 CHOIBALSAN	4805N	11433E	747		935.5	1033.7	-19.9	-2.3	1.1	-.2	2	4	2	4	166	94
44265 BAITAG	4607N	09128E	1186		889.3	1037.9	-15.3	2.7	1.8	.4	5	9	6	5		
44272 ULIASTAI	4745N	09651E	1759		822.7	1036.2	-18.1	2.2	1.3	.3	2	8	5	4	131	79
44275 BAYANBULAG	4650N	09805E	2255		772.3	1038.5	-18.7	1.4	1.0	-.1	1	4	3	1		
44277 ALTAI	4624N	09615E	2181		780.1	1029.7	-14.6	1.2	.5	-.7	2	4	3	4		
44282 TSETSERLEG	4727N	10128E	1691		829.4	1031.9	-13.1	-.2	1.3	-.1	1	3	1	2		
44284 GAIUUT	4642N	10008E	2126		786.3	1041.0	-20.3	1.8	1.2	.4	1	4	3	5		
44285 HUIJIRT	4654N	10246E	1662		833.3	1036.8	-18.0	.5	1.3	.1	01	1	-1	1	158	90
44287 BAYANHONGOR	4608N	10041E	1859		812.7	1034.8	-14.8	2.2	1.6	.5	1	5	4	5		
44288 ARVAIHEER	4616N	10247E	1813		816.5	1030.3	-11.8	1.0	1.6	.2	1	2	1	2		
44292 ULAAN-BAATOR	4755N	10652E	1306		871.5	1035.6	-17.1	4.8	1.4	.4	3	6	4	5	124	79
44294 MAANTI	4718N	10729E	1430		857.5	1035.7	-18.4	1.7	1.0	-.1		2	1	5		
44298 CHOIR	4627N	10813E	1286		873.3	1033.3	-16.7	1.6	1.9	.6	1	2	1	3		
44302 BAYAN-OVOO	4747N	11207E	926		917.7	1040.4	-21.6	-3.5	1.0	-.2	4	10	7	5		
44304 UNDERKHAAN	4719N	11038E	1033		902.2	1035.8	-21.6	-1.8	.6	-.5	3	10	8	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	hr	%		
44305 BARUUN-URT	4641N	11317E	981		908.1	1035.0	-18.7	.1	1.4	.2	2	5	4	5		
44313 KHALKH-GOL	4737N	11837E	688		942.5	1034.7	-22.9	-2.7	1.0	-1.1	4	11	8	5		
44314 MATAD	4710N	11538E	907		917.1	1034.3	-17.9	-.2	1.3	-1.1	2	6	4	5		
44336 SAIKHAN-OVOO	4527N	10354E	1316		872.0	1002.0	-15.0	2.0	1.4	.2	1	1	0	3		
44341 MANDALGOVI	4546N	10617E	1393		861.5	1032.9	-13.2	2.6	1.4	.0	0	T	-1	1		
44347 TSOGT-OVOO	4425N	10519E	1298		873.5	1033.2			1.4	-1.1	0	T	-1	1		
44352 BAYANDELGER	4544N	11222E	1101		895.0	1034.1	-16.6	-.1	1.5	.1		2	1	4	149	55
44358 ZAMYN-UUD	4344N	11154E	964				-14.2	1.7	.9	-.8	2	4	3	5		
44373 DALANZADGAD	4335N	10425E	1465		855.1	1033.1	-11.5	1.1	1.7	.2	4	6	5	5	183	80
NEPAL																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		868.3	1518 Y	12.5		11.8						192	90
HONG KONG, CHINA																
45004 KING'S PARK	2219N	11410E	66		1011.7	1019.5	18.3	.5	13.9	.3	0	0	-27	1	217	120
MACAU																
45011 TAIPA	2110N	11334E	114		1006.4	1020.0	18.0		13.3						186	110
DPR KOREA																
47014 CHUNGGANG	4147N	12653E	332		983.4	1026.3	-13.4	1.6	2.0		10	26	8	5	124	95
47016 HYESAN	4124N	12810E	714		937.2		-13.2	2.5	2.1		4	87	78	4	158	100
47025 KIMCHAEK	4040N	12912E	23		1020.0	1023.0			4.5		6	12	-17	1	177	100
47035 SINULJU	4006N	12423E	7		1026.1	1026.9	-3.9	1.5	3.5		8	51	34	3	157	85
47055 WONSAN	3911N	12726E	36		1019.5	1024.0					1	2	-29	1	152	80
47058 PYONGYANG	3902N	12547E	38		1021.8	1026.7	-1.7	2.6	4.1		6	26	5	5	139	80
47069 HAEJU	3802N	12542E	81		1014.7	1024.9	.8	2.4	4.8		4	17	-7	3	145	85
REPUBLIC OF KOREA																
47101 CHUNCHON	3754N	12744E	75		1015.4	1025.0	-.1	2.0	4.3	-.3	4	27	8	4	172	115
47105 KANGNUNG	3745N	12854E	27		1019.4	1022.7	5.2	2.4	4.0	-.2	3	12	-26	2	185	99
47108 SEOUL	3734N	12658E	87		1014.4	1025.2	1.9	2.3	4.3	.0	3	27	6	4	193	131
47115 ULLUNGDO	3729N	13054E	223		994.4	1021.4	5.7	1.7	6.5	.8	14	183	83	5	96	99
47133 TAEJON	3618N	12724E	78		1016.5	1025.0	3.1	2.9	4.9	.2	6	41	11	4	186	128
47138 POHANG	3602N	12923E	6		1022.9	1023.2	5.9	2.5	5.1	.5	2	39	13	4	191	101
47159 PUSAN	3506N	12902E	71		1014.1	1022.7	7.4	2.4	5.4	-.3	1	26	3	3	199	99
47165 MOKPO	3447N	12623E	56		1020.1	1024.7	4.8	.6	6.0	-.1	3	37	10	4	148	111
47168 YOSU	3444N	12744E	68		1015.0	1023.2	6.7	2.3	5.6	.2	2	41	20	5	192	97
47184 CHEJU	3331N	12632E	24		1021.5	1024.0	9.5	1.9	8.1	.6	3	55	6	4	102	120
JAPAN																
47401 WAKKANAI	4525N	14141E	11		1012.4	1013.9	-2.0	.1	3.7	-.1	22	171	49	5	28	100
47407 ASAHIKAWA	4346N	14222E	116		997.9	1015.8	-4.2	.0	3.8	.0	25	147	52	5	45	80
47409 ABASHIRI	4401N	14417E	43		1008.7	1014.2	-2.4	.1	3.6	-.2	15	87	36	5	120	112
47412 SAPPORO	4303N	14120E	26		1012.6	1015.9	-.8	.6	4.1	.0	16	172	72	5	71	84
47418 KUSHIRO	4259N	14424E	37		1009.8	1014.8	-1.8	.2	3.6	-.3	5	76	31	5	174	109
47420 NEMURO	4320N	14535E	39		1009.1	1014.1	-.7	-.1	4.3	-.1	9	48	-1	4	156	114
47421 SUTTSU	4248N	14014E	38		1011.9	1016.7	.3	.6	4.4	.0	21	147	29	4	14	47
47426 URAKAWA	4210N	14247E	37		1011.1	1015.8	.5	.4	4.4	.1	12	63	-1	3	107	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.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
47430 HAKODATE	4149N	14045E	43		1011.5	1017.0	.7	1.1	4.7	.1	15	159	79	6	109	124
47575 AOMORI	4049N	14046E	3		1017.1	1017.6	2.6	1.6	5.7	.5	25	240	79	5	51	98
47582 AKITA	3943N	14006E	21		1016.2	1018.9	4.2	1.7	6.0	.5	22	196	24	4	48	102
47585 MIYAKO	3939N	14158E	46		1011.0	1017.3	3.8	.9	5.1	.4	4	79	31	5	147	98
47598 ONAHAMA	3657N	14054E	5		1017.8	1018.5	7.6	1.9	6.4	.4	6	114	74	5	180	102
47600 WAJIMA	3723N	13654E	14		1018.7	1020.5	7.3	1.8	7.6	.5	22	237	-42	2	70	143
47602 AIKAWA	3802N	13815E	17		1017.8	1019.9	8.0	2.0	7.5	.7	18	124	-38	2	86	165
47605 KANAZAWA	3635N	13638E	33		1016.5	1020.7	8.2	2.2	7.6	.4	21	238	-67	2	99	150
47618 MATSUMOTO	3615N	13758E	611		946.8	1020.4	3.4	1.6	5.4	.6	4	84	59	6	171	102
47624 MAEBASHI	3624N	13904E	113		1005.1	1019.0	7.0	1.5	5.4	.2	3	32	15	5	206	108
47636 NAGOYA	3510N	13658E	56		1013.1	1019.9	8.6	2.4	7.4	.9	6	102	62	6	177	110
47648 CHOSHI	3544N	14052E	28		1014.5	1017.9	10.5	1.9	9.3	1.8	7	121	45	5	149	94
47655 OMAEZAKI	3436N	13813E	47		1012.5	1018.1	11.3	2.6	8.6	1.3	6	90	20	4	195	103
47662 TOKYO	3541N	13946E	36		1014.2	1018.7	9.9	2.0	5.9	.1	5	80	35	5	166	101
47663 OWASE	3404N	13612E	27		1016.3	1019.5	10.2	2.2	8.8	1.7	5	293	194	5	179	103
47675 OSHIMA	3445N	13222E	79		1008.3	1017.9	11.6	2.8	9.4	1.7	9	143	36	4	138	95
47678 HACHIJOJIMA	3306N	13947E	80		999.1	1017.7	14.4	1.6	11.8	1.5	16	244	71	5	127	123
47740 SAIGO	3612N	13320E	31		1017.2	1021.1	8.6	2.0	8.1	.9	12	154	-1	3	122	139
47741 MATSUE	3527N	13304E	22		1018.8	1021.6	7.9	1.5	8.2	.7	18	211	74	5	109	130
47750 MAIZURU	3527N	13519E	22		1018.4	1021.2	7.8	2.0	8.4	1.1	17	207	100	5	83	95
47755 HAMADA	3454N	13204E	20		1018.8	1021.7	9.3	1.1	8.5	1.4	13	197	86	5	100	137
47772 OSAKA	3441N	13531E	83		1010.8	1021.0	10.2	2.3	8.0	1.2	6	88	54	5	152	108
47778 SHIONOMISAKI	3327N	13546E	75		1010.5	1019.7	12.0	2.0	9.4	1.8	7	268	180	5	192	105
47800 IZUHARA	3412N	12918E	19		1019.9	1022.2	9.9	2.7	8.4	1.5	8	93	39	5	157	111
47807 FUKUOKA	3335N	13023E	15		1020.1	1021.9	10.7	2.5	8.5	1.1	12	135	75	6	144	138
47815 OITA	3314N	13137E	13		1020.2	1021.7	10.5	2.8	8.4	1.2	6	101	69	6	158	109
47817 NAGASAKI	3244N	12952E	35		1017.3	1021.7	11.0	2.2	8.8	.8	5	112	46	6	143	135
47827 KAGOSHIMA	3133N	13033E	31		1017.0	1020.9	12.9	3.7	9.7	1.1	5	155	85	5	169	120
47830 MIYAZAKI	3155N	13125E	7		1019.1	1020.9	11.1	2.4	9.7	1.5	7	163	113	6	179	99
47837 TANEGASHIMA	3044N	13100E	18		1015.7	1020.2	15.3	1.8	11.9	1.1	5	115	22	4	134	103
47843 FUKUE	3242N	12850E	26		1018.5	1021.7	11.1	2.0	8.7	.4	8	129	30	5	136	149
47887 MATSUYAMA	3350N	13247E	34		1017.4	1021.5	9.7	2.0	8.1	1.0	5	120	82	6	142	109
47891 TAKAMATSU	3419N	13403E	10		1019.7	1021.5	9.1	2.0	8.0	1.1	4	83	51	6	148	100
47898 SHIMIZU	3243N	13301E	33		1016.2	1020.2	13.2	2.5	9.7	1.8	6	165	94	5	175	99
47899 MUROTOMISAKI	3315N	13411E	186		997.6	1020.0	11.6	2.0	9.4	1.7	6	102	30	5	175	101
47909 NAZE	2823N	12930E	7		1018.7	1019.7	17.9	1.8	14.1	1.2	12	163	10	3	70	96
47918 ISHIGAKIJIMA	2420N	12410E	7		1017.0	1018.3	20.8	1.4	17.1	.3	13	100	-33	3	110	116
47927 MIYAKOJIMA	2447N	12517E	41		1013.6	1018.5	20.6	1.6	16.9	.6	13	157	5	4	110	113
47936 NAHA	2612N	12741E	53		1012.4	1018.7	20.2	2.2	15.2	.7	8	70	-53	2	113	105
47945 MINAMIDAITOJIMA	2550N	13114E	20		1015.3	1017.7	21.3	2.3	17.3	1.6	11	85	-35	3	110	104
47971 CHICHIJIMA	2705N	14211E	8		1016.2	1017.2	21.8	1.9	18.5	2.0	11	106	-6	4	112	93
47991 MINAMITORISHIMA	2418N	15358E	9		1015.0	1016.0	24.0	.0	21.7	-1.1	9	103	2		174	104
THAILAND																
48327 CHIANG MAI	1847N	09859E	314		978.2	1014.5	19.9	-1.1	17.3	-1.1		2	-18	0	252	98
48354 UDON THANI	1723N	10248E	182		988.3	1018.5	23.1	1.0								
48378 PHITSANULOK	1647N	10016E	45		1008.2	1013.5	23.6	-4	19.0	-1.2	0	0	-6	3	286	107
48400 NAKHON SAWAN	1548N	10010E	35		1009.3	1013.4	24.2	-5	19.7	-1.2	0	0	-7	3	289	107
48431 NAKHON RATCHASIMA	1458N	10205E	188		992.4	1013.9	23.6	.8	17.6	-1.4	0	0	-4	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	o _c	o _c	mb	mb	mm	mm	hr
48455 BANGKOK	1344N	10034E	20		1012.1	1012.6	27.3	1.7	20.3	-2.9	0	0	-10	3	274	105
48462 ARANYAPRATHET	1342N	10235E	49		1005.9	1013.0	25.4	.6	18.7	-2.6						
48480 CHANTHABURI	1236N	10207E	4		1011.4	1011.9	26.2	1.0	21.2	-1.0	0	0	-12	2	278	99
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1011.5	1012.2	25.1	.1	22.4	-.8	0	0	-35	1		
48517 CHUMPHON	1029N	09911E	5		1011.3	1011.8	25.9	.9	25.8	.0	1	2	-116	0		
48568 SONGKHLA	0712N	10036E	5		1010.6	1011.4	27.1	.4	28.1	-1.1	10	207	-197	1	210	115
LAO PDR																
48930 LUANG-PRABANG	1953N	10208E	305		980.7	1017.7	13.7	-4.9	16.1	-1.8	0	0	-10	1	188	109
48938 SAYABOURY	1914N	10144E	326		994.3	1014.4	19.8	1.2	16.0	-1.9	0	0	-10	1	191	110
48940 VIENTIANE	1757N	10234E	171		995.6	1015.2	21.8	.1	16.4	-1.8	0	0	-2	1	273	106
48946 THAKHEK	1723N	10439E	152		997.6	1015.3	22.6	.9	16.0	-2.2	0	0	-2		297	116
48947 SAVANNAKHET	1633N	10439E	145		999.6	1016.5	22.0	2.0	17.4	.5	0	0	-1	1	255	
48948 SENO	1640N	10500E	185		993.7	1015.2	21.9	1.9	18.1	1.2	0	0	-1	1	273	
48955 PAKSE	1507N	10510E	102		1001.0	1012.9	24.9	2.5	17.4	-1.5	0	0	-2	1	275	107
CHINA																
50527 HAILAR	4913N	11945E	611		951.8	1034.3	-23.0	-.4	1.0	.1	5	13	9	4	88	59
50745 QIQIHAR	4723N	12355E	148		1008.0	1028.2	-17.5	-1.3	1.2	.0	4	8	6	5	184	108
51076 ALTAY	4744N	08805E	737		942.3	1037.2	-12.2	1.2	2.2	.3	8	41	26	5	114	84
51431 YINING	4357N	08120E	663		947.8	1030.7	-4.2	.9	4.0	.5	9	40	21	5	125	89
51463 URUMQI	4347N	08737E	919		917.8	1034.6	-8.3		3.0		9	44	5	57	65	
51709 KASHI	3928N	07559E	1291		876.1	1028.4	-.7	3.2	4.0	.8	1	2	1	4	169	107
51777 RUOQIANG	3902N	08810E	889		922.1	1031.2	-4.2	2.0	2.8	.6	1	3	2	6	144	71
51828 HOTAN	3708N	07956E	1375		867.3	1028.1	-.3	3.1	3.3	.7	0	0	-1	4	208	114
52203 HAMI	4249N	09331E	739		940.3	1032.9	-6.1	2.2	2.4	.4	0	T	-1	3	197	98
52533 JIUQUAN	3946N	09829E	1478		856.1	1031.7	-6.0	1.7	1.9	.0	0	T	-1	1	194	92
52836 DULAN	3618N	09806E	3192		690.3		-5.9	2.9	1.4	.3	1	5	2	4	178	76
53068 ERENHOT	4339N	11200E	966		911.5	1034.2	-13.9	1.8	1.5	.3	2	4	3	5	171	83
53614 YINCHUAN	3829N	10613E	1112		896.3	1030.5	-3.3	3.0	2.9	.5	1	2	1	1	136	64
53772 TAIYUAN	3747N	11233E	779		934.6	1030.4	-2.2	2.2	3.2	.7	2	9	6	5	123	71
54292 YANJI	4253N	12928E	178		1003.5	1027.1	-11.1	.4	1.9	.2	3	10	5	5	141	97
54342 SHENYANG	4146N	12326E	43		1023.0	1029.6	-9.2	-1.3	2.6	.4	5	25	17	5	115	76
54511 BEIJING	3956N	11617E	55		1024.8	1029.0	-.5	1.7	3.4	.8	1	3	1	4	144	77
54857 QINGDAO	3604N	12020E	77		1018.7	1028.2	3.8	1.8	5.7	1.1	4	14	5	4	119	65
55591 LHASA	2940N	09108E	3650		654.2		-.4	2.1	2.0	.3	0	0	-1	5	254	97
56137 QAMDO	3109N	09710E	3307		681.4		-.5	1.7	2.2	.3	0	T	-2	2	196	96
56571 XICHANG	2754N	10216E	1599		840.9		10.5	.8	7.0	-1.1	1	7	1	3	190	90
56739 TENGCHONG	2507N	09829E	1649		837.0		9.2	.5	8.5	.4	1	3	-18	2	214	88
56778 KUNMING	2501N	10241E	1892		813.0		8.7	.8	6.9	-.7	1	8	-5	3	173	85
56985 MENGZI	2323N	10323E	1302		873.0	1018.1	12.8		9.2		0	T	1	209	105	
57036 XI'AN	3418N	10856E	398		977.2	1024.6	1.4	.5			4	26	21	2	151	124
57083 ZHENGZHOU	3443N	11339E	111		1014.8	1028.9	2.4	.6	4.9	.8	3	15	6	4	75	47
57461 YICHANG	3042N	11118E	134		1010.7	1027.3	7.4	.5	8.1	.8	6	32	11	5	72	76
57745 ZHIJIANG	2727N	10941E	273		992.2	1025.7	7.2	.2	7.8	.0	7	40	7	4	107	141
57993 GANZHOU	2551N	11457E	125		1006.8	1023.8	10.3	.3	8.8	-.2	6	25	-13	3	161	113
58362 SHANGHAI	3124N	12128E	4		1024.9	1026.1	9.1		9.3		8	87	5	103	65	
58606 NANCHANG	2836N	11555E	50		1019.0	1024.9	8.9	1.4	7.8	.3	8	46	6	4	154	113
59287 GUANGZHOU	2308N	11319E	8		1015.8	1020.9	16.5	1.5	11.3	-.5	01	1	-22	1	182	108

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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	
59316 SHANTOU	2324N	11641E	3		1019.2	1020.1	17.3	2.2	13.5	.1	2	22	-6	3	208	119
59431 NANNING	2249N	10821E	73		1005.9	1020.6	13.5	-1.1	12.0	-.6	2	12	-10	3	153	120
59758 HAIKOU	2002N	11021E	24		1015.9	1018.0	20.7	2.0	19.0	1.0	3	22	-12	3	146	100
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	56		1014.8	1021.7	16.9	.0	11.8	-1.8	6	93	-7	3	177	126
SPAIN (CANARY ISLANDS)																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1015.3	1019.8	18.8	.0	13.3	-1.0	8	14	-37	2	134	79
60030 LAS PALMAS DE GRAN CAN. /GAN.	2756N	01523W	47		1013.4	1019.0	18.7	.4	13.3	-1.4	8	36	15	4	154	85
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1016.8	1019.3	18.1	.2	13.1	-1.6	7	58	33	5	136	74
WESTERN SAHARA																
60096 VILLA CISNEROS	2342N	01552W	10		1015.8	1017.3	18.4				3	13		0	241	95
MOROCCO																
60101 TANGER (AERODROME)	3544N	00554W	21		1018.3	1020.1	12.8	-.5	11.3		7	62	-67	1	168	115
60115 OUJDA	3447N	00156W	470		964.2	1019.3	9.9	-.6	7.9		8	24	-21	6	170	200
60120 KENITRA	3418N	00636W	14		1017.7	1019.4	12.5	-.5	11.8		11	104	-31	3	171	100
60135 RABAT-SALE	3403N	00646W	75		1006.3	1015.7	17.0	3.8	17.4		12	57	-43	2	163	90
60150 MEKNES	3353N	00532W	549		953.6	1019.6	9.6	-1.1	9.5		9	59	-22	3	187	105
60155 CASABLANCA	3334N	00740W	62		1011.7	1018.7	13.5	.0	12.8		7	50	-27	2	180	55
60195 MIDELE	3241N	00444W	1515		858.6	1520 Y	4.6	-2.2	6.1		4	16	8	4	196	60
60230 MARRAKECH	3137N	00802W	466		965.0	1019.9	11.3	-1.3	9.6						216	95
60265 OUARZAZATE	3056N	00654W	1140		890.3	1520 Y	7.6	-1.9	5.8		1	21	12	5	253	80
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1012.1	1018.7	13.9	-.2	11.9	.2	9	82	31	5	169	107
ALGERIA																
60351 JIJEL ACHOUAT	3653N	00549E	10		1015.7	1017.0	12.8		31.4		15	159			103	35
60353 JIJEL PORT	3650N	00547E	2		1015.8	1016.6	13.8		11.4		18	189			112	40
60355 SKIKDA	3656N	00657E	7		1016.3	1016.6	13.6	.6	12.1		19	165	42	4	104	
60360 ANNABA	3650N	00749E	4		1015.0	1016.3	12.2	-.3	11.6		19	185	90	5	109	
60367 EL-KALA	3654N	00827E	10		1015.5	1017.0	13.7		11.9		19	200				
60387 DELLYS	3655N	00357E	12		1015.8	1016.4	13.1		11.4		16	179			126	
60390 DAR-EL-BEIDA	3643N	00315E	25		1014.6	1018.2	12.1	.0	11.6		14	109	-6	3	148	50
60395 TIZI-OUZOU	3642N	00403E	195		999.0	1017.6	11.5		11.0		15	197			120	40
60402 BEJAIA	3643N	00504E	2		1016.9	1017.7	12.2	-.5	11.3		14	136	1	3	112	35
60403 GUELMA	3628N	00728E	227		990.3	1017.6	11.1		10.4		19	130			103	
60410 TENES	3630N	00120E	59		1017.0	1019.1	13.9		11.1		11	140			136	45
60417 BOUIRA	3623N	00354E	635			1018.1	8.9		9.6		15	160			131	40
60419 CONSTANTINE	3617N	00637E	694		936.9	1018.0	7.9	.0	9.0		17	181	110	5	100	30
60421 OUM EL BOUAGHI	3553N	00707E	889		913.8	1484 Y	7.2		8.0		14	139			114	
60423 SOUK AHRAS	3617N	00758E	680		937.4	1017.1	8.5		9.4		17	195			82	
60425 CHLEF	3613N	00120E	143		1001.5	1018.8	11.2	.0	10.6		4	83	22	1	134	

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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	
60430 MILIANA	3618N	00214E	715		935.0	1019.1	8.9	-.4	9.2		14	162	43	5	137	
60437 MEDEA	3616N	00245E	981		896.8	1473 Y	6.2		8.2		16	139			117	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928		904.4	1498 Y	6.6		7.9		12	96			132	
60445 SETIF	3611N	00525E	1081		901.3	1490 Y	5.5		7.6		13	91			125	
60452 ARZEW	3549N	00016W	3		1018.0	1018.5	13.1		11.1		8	82			130	40
60457 MOSTAGANEM VILLE	3553N	00007E	137		1001.3	1018.3	11.5		10.5		8	147			155	
60461 ORAN PORT	3542N	00039W	22		1015.8	1018.5	14.1		10.8		8	70				
60467 M'SILA	3540N	00430E	441		965.6	1018.2	9.3		9.6		8	29			138	45
60471 BARIKA	3520N	00520E	460				8.9		9.3		11	79			156	50
60476 KHENCHELLA	3525N	00709E	1116		904.0	1489 Y	6.8		7.8		12	111			116	
60490 ORAN/ES SENIA	3538N	00036W	90		1001.0	1018.7	11.6	-.1	10.4		8	71	10	4	176	55
60506 MASCARA METMORE	3536N	00018E	474		965.1	1019.5	9.3		9.2		7	78			153	50
60511 TIARET	3515N	00126E	1127		905.9	1494 Y	6.0		7.8		9	64			137	45
60514 KSAR CHELLALA	3510N	00219E	800		927.0	1507 Y	7.7		8.3		6	36			155	50
60515 BOU-SAADA	3520N	00412E	461		965.8	1020.6	10.1		8.8		9	22			146	
60517 GHAZAOUET	3506N	00152W	83		1018.9	1019.5	13.4		11.2		8	63				
60518 BENI-SAF	3518N	00121W	68		1008.8	1017.4	14.1		11.9		6	90			162	50
60520 SIDI BEL ABBES	3511N	00237W	450		963.7	1020.3	8.9		8.7		7	92			166	55
60522 MAGHNA	3449N	00147W	426		969.1	1020.1	9.3		8.1		6	35			191	
60525 BISKRA	3448N	00544E	87		1007.2	1018.0	12.4	-.1	9.7		6	37	30	5	193	
60531 TLEMCCEN (ZENATA)	3501N	00128W	247		1011.4	1019.8	10.4		10.0		7	76			167	55
60535 DJELFA	3441N	00315E	1144		882.5	1490 Y	5.1	-.8	7.9		9	42	12	5	129	40
60536 SAIDA	3452N	00009E	750		934.1	1498 Y	7.6		7.9		7	88			156	
60540 EL KHEITER	3409N	00004E	1000		901.6	1480 Y	5.7		6.7		4	12			179	55
60545 LAGHOUAT	3346N	00256E	765		929.8	1496 Y	8.0		8.0		5	48			193	60
60549 MECHERIA	3456N	00026W	1149		887.7	1504 Y	6.1		7.0		3	13			191	60
60550 ELBAYADH	3340N	00100E	1341		866.6	1504 Y	4.5		6.7		4	23			155	
60555 TOUGGOURT	3307N	00608E	85		1007.4	1018.4	11.6		10.6		3	8			192	
60557 NAAMA	3316N	00018W	1166		885.0	1502 Y	5.4		6.7		3	14				
60559 EL OUED	3330N	00607E	63		1009.1	1017.4	12.0	.5	9.7		2	12	5	5	205	
60560 AIN SEFRA	3246N	00036W	1058		895.6	1492 Y	6.4		6.4		3	17			227	
60566 GHARDAIA	3223N	00349E	450		964.3	1019.0	11.3	-.3	8.8		2	2	-1	0	220	
60571 BECHAR	3137N	00214W	773		925.8	1510 Y	9.4	-1.0	6.0		5	29	21	5	242	75
60580 OUARGLA	3155N	00524E	141		1000.1	1017.7	12.7		9.6		2	8			203	
60581 HASSI-MESSAOUD	3140N	00609E	142		1000.8	1018.1	12.7	1.0	9.1		3	5	1	4		
60590 EL GOLEA	3034N	00252E	397		971.6	1019.3	11.3	.8	8.4		2	2	-4	4	235	75
60602 BENI ABBES	3008N	00210W	499		959.5	1018.8	11.6	.0	8.0		3	8	2	5	265	85
60607 TIMIMOUN	2915N	00017E	312		980.4	1018.0	12.3	.1	7.5		2	5	4	5	250	
60611 IN AMENAS	2803N	00938E	562		952.6	1018.1	12.3	1.0	6.4		1	4	1	5	182	
60620 ADRAR	2753N	00017W	263		983.9	1017.5	13.5	.6	6.5		2	2	1	5	242	
60630 IN SALAH	2712N	00228E	293		985.3	1017.0	15.4	.5	7.9		1	3	1	5	221	80
60640 ILLIZI	2630N	00825E	558		954.0	1016.9	14.6		7.2		1	2				
60656 TINDOUF	2740N	00808W	431		965.0	1017.4	12.9		7.6		0	0			290	
60670 DJANET	2433N	00928E	1054		907.6	1519 Y	14.9	1.1	4.6		0	T	-1	4	232	85
60680 TAMANRASSET	2247N	00531E	1378		865.6	1518 Y	15.7	1.8	4.3		0	T	-1	3	238	115
60686 BORDJ B.MOKHTAR	2120N	00057E	398		967.9	1013.7	19.4		3.9						216	
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1015.1	1015.6	13.8	1.3	12.2		13	18	-48	1	111	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	
60725 JENDOUBA	3629N	00848E	144		999.9	1017.2	11.6	.6	11.0		15	93	37	5	85	57
60735 KAIROUAN	3540N	01006E	68		1008.6	1016.8	13.2	.7	10.5		8	19	-16	3	138	74
60745 GAFSA	3425N	00849E	314		980.2	1018.0	11.1	1.1	8.8		4	14	-13	4	148	71
60765 GABES	3353N	01006E	5		1016.6	1017.2	13.4	.4	10.6		2	13	-20	3	178	85
NIGER																
61080 MARADI	1328N	00705E	373		967.8	1009.6	24.1		7.1			5		0	284	110
61091 MAGARIA	1259N	00856E	403		967.1	1012.8	21.7		8.0		0	0		5	292	
61096 MAINE-SOROA	1314N	01159E	337		973.1	1011.2	23.6		6.7		0	0		0	300	
61099 GAYA	1153N	00327E	203		986.5	1009.1	28.5		7.9		0	0		5	288	100
MALI																
61202 TESSALIT	2012N	00059E	491		957.3	1012.3	22.9		3.8							
61223 TOMBOUCTOU	1643N	00300W	264		982.3	1012.3	24.5		5.9			5		0	287	111
61233 NARA	1510N	00717W	265				26.1	2.6	9.9		00	0	-1			
61240 HOMBORI	1520N	00141W	288			1010.2	28.1	3.0	8.7		0	0	-1	0		
61257 KAYES	1426N	01126W	47		1006.0	1011.3	27.4	2.0	10.1		0	0	-1	0		
61265 MOPTI	1431N	00406W	272		979.6	1009.8	26.9	3.2	6.4		0	0	-1	0		
61270 KITA	1304N	00928W	334			1010.2			11.2		0	0	-1	4		
61277 SAN	1320N	00450W	284		978.4	1009.9	27.8	3.6	10.4		0	0	-1	5		
61291 BAMAKO/SENOU	1232N	00757W	381		968.6	1009.3	26.3	1.5	10.3		0	0	0		278	104
61293 KOUTIALA	1223N	00528W	367		967.5	1008.0	27.5	4.5	11.9						258	95
61297 SIKASSO	1121N	00541W	375				27.4	3.8	13.1							
MAURITANIA																
61404 ZOUERATE	2245N	01229W	343		976.8	1016.6	17.3		9.2		0	0		4		
61415 NOUADHIBOU	2056N	01702W	3		1015.7	1016.2	19.2		14.7		0	T		3	218	90
61421 ATAR	2031N	01304W	224		988.9	1014.7	21.7		12.3		0	0		4		
61437 AKJOUJT	1945N	01422W	120		1002.1	1015.8	20.5		10.5							
61442 NOUAKCHOTT	1806N	01557W	3		1016.2	1016.4	22.6		11.6						241	
61450 TIDJIKJA	1834N	01126W	402		968.3	1013.8	22.0		8.4		0	0		1		
61492 KAEDI	1609N	01331W	18		1013.5	1015.4	27.4		9.0		0	0		5		
61497 NEMA	1636N	00716W	269				26.7		7.7			5		0		
61498 KIFFA	1638N	01124W	115		998.8	1011.9	25.4		10.7		0	0		0		
61499 AIOUN EL ATRUSS	1642N	00936W	223		986.4	1011.7	25.1		8.8		0	0		5		
SENEGAL																
61600 SAINT-LOUIS	1603N	01627W	4		1012.1	1012.6	23.3		17.2	4.5	0	0	-1	0	231	100
61627 LINGUERE	1523N	01507W	21		1009.8	1012.1	26.7		11.9	2.2	0	0	-1	4	235	100
61630 MATAM	1539N	01315W	17		1009.0	1011.3	27.1		15.9	6.0					219	124
61641 DAKAR/YOFF	1444N	01730W	24		1009.3	1012.5	22.9		20.7	2.3					235	99
61666 DIOURBEL	1439N	01614W	9		910.8	1011.8	26.3		16.5	5.5					252	
61679 KAOLACK	1408N	01604W	7		1011.6	1012.4	27.3		18.2		0	0	-1	0	219	94
61687 TAMBACOUNDA	1346N	01341W	50		1004.9	1010.9	28.1		12.5	3.5	0	0	-1	0	237	96
61698 KOLDA	1253N	01458W	10		1010.5	1011.6	27.6		20.5	6.7	0	0	-1	0	189	80
61699 KEDOUGOU	1234N	01213W	167		990.2	1008.8	27.3		16.8		0	0	-1	5	234	91
OCEAN ISLANDS (UK)																
61901 ST. HELENA IS.	1556S	00504W	436		965.4	1015.8	19.8				4	11			184	

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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	
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1010.7	1011.2	27.7	.5	29.8	.3	14	111	-79	2	236	
OCEAN ISLANDS (FRANCE)																
61976 SERGE-FROLOW (ILE TROMELIN)	1553S	05431E	13		1010.7	1012.4	27.4		28.8		10	38		6	201	
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25			1014.1	25.3		25.1		14	524		6	140	
MAURITIUS																
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1012.1	1012.5	27.7	.7	28.9	.4	7	76	5	4		
61988 RODRIGUES	1941S	06325E	59		1008.3	1014.6	25.6	.1	25.1	-.5	10	37	-53	3	261	95
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1008.8	1014.7	25.4	.1	25.9	-.1	17	169	-21	3	172	70
OCEAN ISLANDS (FRANCE)																
61998 PORT-AUX-FRANCAIS (ILES KERG)	4921S	07015E	30		990.9	994.4	5.3	-1.0	6.4		8	19	-38	0	152	82
EGYPT																
62306 MERSA MATRUH	3120N	02713E	29		1016.8	1020.4	15.4	1.0	10.8	-.6	3	22		3	186	95
62337 EL ARISH	3105N	03350E	38		1015.4	1019.3	13.2	-.7	10.2	-1.1	7	35		1		
62378 HELWAN	2952N	03120E	141		1001.3	1018.4	15.2	.8	10.0	.1					213	108
62414 ASSWAN	2358N	03247E	194		994.3	1017.3	17.4	.5	8.1	.1					306	106
62435 KHARGA	2527N	03032E	73		1007.9	1017.4	15.7	.2	9.2	.2					288	104
ETHIOPIA																
63331 GONDAR	1232N	03725E	1667				19.8		10.5		0	0				102
63402 JIMMA	0740N	03650E	1725		834.8		19.0		15.5		9	84				099
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		770.8	1011.6	16.5		8.1		00	0000				090
63471 DIREDAWA	0936N	04151E	1260		886.0		22.4		14.1		1	6				094
SEYCHELLES																
63980 SEYCHELLES INT. AIRPORT	0440S	05531E	3		1010.2	1010.6	27.0	.3	29.5	.9	17	381	100	6	189	111
RWANDA																
64387 KIGALI	0158S	03007E	1497		850.6	1500 Y	20.9		18.5		12	83	-17			
CONGO																
64400 POINTE-NOIRE	0449S	01154E	17		1008.1	1010.1	26.7		30.1		8	166		3	94	60
64401 LOUBOMO	0412S	01242E	330				25.3		27.3		16	351				
64402 MOUYONDZI	0359S	01355E	512		952.1	1008.5	24.7		26.6		14	217				
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		974.2	1009.3	25.7		27.1		11	240		4	129	85
64456 MAKOUA	0001S	01535E	379				25.2		26.6		11	126		3		
64458 OUESSO	0137N	01603E	352		968.9	1009.0	25.7		28.4		4	44				
GABON																
64500 LIBREVILLE	0027N	00925E	15		1008.4	1009.8	27.3	1.1	30.7		14	604	301		167	100
64501 PORT-GENTIL	0042S	00845E	4		1009.5	1010.5	27.5	1.0	31.2		10	156	-71		148	101
64503 MAYUMBA	0325S	01039E	34		1005.8	1009.1	26.3	1.2	30.1		13	173	10			
64510 BITAM	0205N	01129E	599				24.7	.4	26.6		8	45	-14			
64550 MOULLA	0152S	01101E	89		998.8	1009.9	26.6	.0	29.3		14	182	-49			

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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	
64556 MAKOKOU	0034N	01252E	515		952.3	1008.8	24.6	1.1	26.5		8	35	-68		127	104
CENTRAL AFRICAN REPUBLIC																
64600 BERBERATI	0415N	01548E	583		944.5	1008.7	24.4		23.8		1	11				
64650 BANGUI	0424N	01831E	366		966.7	1008.5	25.2		23.6		01	1			255	
64654 N'DELE	0824N	02039E	511		952.0	1008.7	25.4		12.1		0	0				
64655 BRIA	0632N	02159E	584		944.6	1008.7	23.1		18.0		0	0				
64656 BANGASSOU	0444N	02250E	500		953.6	1008.5	24.8		22.2		0	0				
CHAD																
64700 NDJAMENA	1208N	01502E	295		976.6	1010.4	24.7		7.7	-0.7	0	0	0	0	307	101
64706 MOUNDOU	0834N	01604E	410		961.5	1008.5	24.8		12.0	-0.8	0	0	0	0	287	99
CAMEROON																
64870 NGAOUNDERE	0721N	01334E	1104		890.5	1492 Y	19.5	-0.9	9.9	-0.4					305	105
64910 DOUALA OBS.	0400N	00944E	9		1008.1	1009.1	27.9	0.7	31.0	1.5	5	80	46	5	211	115
BENIN																
65306 KANDI	1108N	00256E	292		976.8	1009.4	27.2	2.4	11.9	2.0	0	0	-1	1	286	103
65319 NATITINGOU	1019N	00123E	461		958.5	1009.5	26.7	0.3	15.9	5.1					291	112
65330 PARAKOU	0921N	00237E	393		966.0	1009.4	27.8	1.7	16.8	2.7	0	0	-6	1	258	100
65335 SAVE	0802N	00228E	200		986.6	1010.1	27.7	0.0	20.1	0.0		5	1	0	220	100
65338 BOHICON	0710N	00204E	167		991.0	1009.7	28.5	0.4	29.8	4.0	0	0	-14	1	242	114
65344 COTONOU	0621N	00223E	9		1008.6	1009.7	28.9	1.6	32.7	3.4					256	115
TOGO																
65352 MANGO	1022N	00028E	146		992.3	1009.9	28.5	1.8	14.8		0	0	-3	4		
65361 SOKODE	0859N	00109E	387		965.3	1009.0	25.5		20.0		0	0	-11	3		
65376 ATAKPAME	0735N	00107E	402		963.9	1009.5	27.3	0.7	23.8		0	9999	-014	2		
65387 LOME	0610N	00115E	25		1007.0	1009.8	28.8	1.7	32.1			5	-2	0	253	111
GHANA																
65442 KUMASI	0643N	00136W	293		978.0	1011.1	26.7		28.6		5	77			167	45
BURKINA FASO																
65501 DORI	1402N	00002W	277		979.2	1010.3	26.7		7.9		0	0		5	307	
65505 DEDOUGOU	1228N	00329W	300		976.1	1009.4	28.4		9.7		0	0		4	296	
65507 FADA N'GOURMA	1202N	00022E	309		975.1	1009.4	27.7		9.3		0	0		4	303	
65510 BOBO-DIOULASSO	1110N	00419W	460		958.5	1009.0	28.4		12.8		0	0		5	194	65
65516 BOROMO	1145N	00256W	271		978.9	1009.1	27.9		10.9		0	0		4	269	
65518 PO	1109N	00109W	322		972.0	1008.4	27.8		10.3			4		0	289	
65522 GAOUA	1020N	00311W	335		976.5	1008.9	27.5		16.8		0	0		4	265	90
COTE D'IVOIRE																
65545 BONDOUKOU	0803N	00247W	370		968.2	1009.7	26.6	1.1	26.2	6.9	1	2	-9	2		
65557 GAGNOA	0608N	00557W	210		986.4	1010.1	27.5	1.8			3	85	48	5		
65562 DIMBOKRO	0639N	00442W	92				27.8	0.9	31.1	5.4	1	42	20	0		
65594 SAN PEDRO	0445N	00639W	30		1008.5	1012.1	27.1		32.3		4	27				

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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.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
COMOROS																
67005 DZAUDZI/PAMANZI (MAYOTTE)	1248S	04517E	7			1011.1	27.4		30.1		18	256		6	205	
MADAGASCAR																
67009 DIEGO-SUAREZ	1221S	04918E	105		1009.1	1011.0	26.7	.2	25.5	-1.2	9	156	-14		203	89
67027 MAJUNGA	1540S	04621E	18		1008.4	1010.5	27.2	-.2	28.9	-.2	20	502	224	5	157	69
67161 TULEAR	2323S	04344E	8		1009.0	1009.9	28.1	1.5	19.9	.7	7	91	-6	5		
MALAWI																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		877.8	1519 Y	21.0		20.8		23	424				
ZAMBIA																
67633 MONGU	1515S	02309E	1053		894.4	1496 Y	25.3	2.4	20.5		12	93	-99	1		
67663 KABWE	1427S	02828E	1207		878.6	1491 Y	22.4	1.1	20.5		18	0225	0004	3		
67743 LIVINGSTONE	1749S	02549E	986		900.9	1475 Y	27.4	3.8	20.9		12	173	4	4		
SOUTH AFRICA																
68174 PIETERSBURG	2350S	02925E	1237		878.8	1515 Y	23.2		17.1		8	118	37	5	235	93
68242 MMABATHO	2547S	02532E	1251		872.6	1510 Y	24.4		16.6		9	129			293	
68262 PRETORIA	2544S	02811E	1306		869.9	1510 Y	22.9		18.1		15	123	15	4	255	94
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		831.7	1509 Y	19.6		15.1		15	203	100	6	240	91
68424 UPINGTON	2842S	02127E	850		915.6	1498 Y	27.9		9.9		0	0	-17	1	377	103
68438 KIMBERLEY	2848S	02446E	1196		879.4	1493 Y	24.4		15.4		9	54	8	4	314	95
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		864.4	1498 Y	22.8		14.4		9	69	9	4	300	94
68461 BETHLEHEM	2825S	02833E	1690		832.7	1511 Y	19.9		15.5		14	109		4	283	
68512 SPRINGBOK	2967S	01790E	1007		900.5	1504 Y	20.1		12.0		1	3		3	390	
68538 DE AAR	3065S	02400E	1287		869.7	1486 Y	24.4		13.3		6	57		5	376	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1010.3	1012.0	24.8		23.8		8	74	-28	2	222	117
68618 CALVINIA	3128S	01946E	975		903.1	1502 Y	21.7		10.4		1	1		2	382	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1007.7	1012.6	21.4		16.3		3	9	-8	3	331	99
68828 GEORGE AIRPORT	3401S	02223E	190		990.6	1012.8	20.6		18.9		14	243			211	
68842 PORT ELIZABETH	3398S	02562E	69		1005.1	1012.5	21.5		19.9		7	140	106	6	241	87
68858 EAST LONDON	3302S	02750E	125		999.0	1012.5	21.9		20.7		8	136	73	5	235	98
68906 GOUGH ISLAND	4021S	00953W	54		1007.0	1013.5	12.0		11.0		16	369	128	5	153	84
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1018.0	-22.6	1.4			4	8	4	5		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1009.6	-16.5	1.8	1.7		7	36	23	6		
70200 NOME	6430N	16526W	7			1006.3	-11.4	2.3	2.5		11	34	13	5		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1005.0	-9.6	3.5	2.9		2	26	1	3		
70231 MCGRATH	6258N	15537W	103			1009.1	-18.2	2.9			5	40	5	4		
70249 PUNTILLA	6206N	15245W	560				-10.6		2.9			2				
70251 TALKEETNA	6218N	15006W	109			1005.5	-6.9	4.6			12	59	11	4		
70261 FAIRBANKS/INT.	6449N	14752W	138			1011.3	-19.7	1.7			5	19	-2	6		
70273 ANCHORAGE/INT.	6110N	15001W	40			1004.1	-5.7	3.0			9	39	11	4		
70308 ST. PAUL	5709N	17013W	9			1002.9	-1.7	.0	4.7		12	39	-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	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
70316 COLD BAY	5512N	16243W	31			1001.8	- .4	.2	5.3		22	209	116	6		
70326 KING SALMON	5841N	15639W	15			1002.8	-4.5	4.4			12	56	22	5		
70341 HOMER/MUNICIPAL	5938N	15130W	22			1003.1	- .9	3.4			14	85	14	4		
70361 YAKUTAT	5931N	13940W	9			1005.9	.0	2.7	6.5		19	471	92	6		
70398 ANNETTE ISLAND	5502N	13134W	34			1011.9	3.5	1.4	6.5		17	275	-9	3		
USA																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1019.5	21.5	- .4	19.1		3	19	-32	2		
72202 MIAMI, FL.	2549N	08017W	4			1020.0	20.3	- .3	18.8		3	13	-33	2		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1020.1	18.8	- .9	16.2		6	20	-43	3		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1021.1	16.1	- .6	13.6		4	45	-9	3		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1021.5	11.6	-1.2	11.5		5	68	-1	4		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1021.7	9.7	-1.2	9.4		5	45	-30	6		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1021.2	9.7	-1.0	9.7		4	27	-53	0		
72211 TAMPA/INT., FL.	2758N	08232W	3			1021.0	16.3	- .5	13.4		4	39	-15	3		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1021.9	10.0	-1.8	10.0		9	92	-35	3		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1021.8	8.8	- .5	7.6		7	19	-90	1		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1021.5	7.4	-1.0	7.8		5	32	-54	1		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1021.7	6.9	.0	7.1		8	123	13	4		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1022.5	10.3	-1.4	10.4		5	86	-48	2		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1022.6	9.6	- .1	8.3		4	71	-61	2		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1022.6	11.3	-1.2	11.0		7	87	-59	2		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1022.4	7.8		8.5		6	106		2		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1022.6	8.1	- .7	8.3		6	133	-17	3		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1023.1	11.5	- .4	10.5		8	95	-33	2		
72242 GALVESTON, TX.	2918N	09448W	16			1022.2	13.9	.3	11.8		8	65	-23	6		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1022.2	12.1	.2	10.8		4	50	-37	2		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1021.9	9.4	.5	8.6		6	71	-33	2		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1020.9	16.9	.2	14.9		5	37	6	6		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1021.6	14.0	- .6	12.2			12	-20	0		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1021.4	11.8	.6	8.9		1	2	-36	0		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1022.3	10.0	- .9	9.3		1	8	-39	1		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1022.4	12.4	- .7	11.1		5	49	-2	3		
72256 WACO, MADISON-COOPER, TX.	3137N	09713W	155			1022.1	9.9	.8	8.7		3	33	-14	6		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1021.4	9.5	1.2	7.3		3	17	-29	1		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1022.0	8.1	.3	6.9		2	10	-10	3		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1020.3	6.8	- .2	5.9		2	3	-11	2		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1021.3	8.5	1.0	7.4		1	19	-7	2		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1020.1	5.7	.9	5.3		3	18	5	4		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1020.1	6.6	- .1	5.4		3	9	-5	3		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1018.2	11.5	.4	6.4		3	18	-9	3		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1018.5	13.3	1.0	6.8		6	40	15	5		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1018.9	14.4	.3	9.5		6	102	63	5		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1018.3	14.1	.3	6.5		8	165	123	6		
72304 CAPE HATTERAS, NC.	3516N	07533W	3				10.7	1.3			8	69	-46	1		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1020.3	6.2	.3	6.6		5	38	-44	1		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1019.4	6.8	.2	8.3		6	61	-21	1		
72310 COLUMBIA, SC.	3357N	08107W	69			1021.0	7.6	- .7	7.2		7	31	-60	1		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1020.0	6.1	- .2	6.8		8	166	61	5		

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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	
72314	CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234		1020.5	5.5	- .4	6.3		5	70	-18	6		
72315	ASHEVILLE/MUN., NC	3526N	08233W	661		1020.3	3.5	- .7	5.5		7	87	-2	3		
72317	GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270		1020.2	5.2	.5	5.9		6	72	-13	3		
72324	CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210		1022.1	5.4	.3	6.3		7	168	37	4		
72326	KNOXVILLE/MUN., TN.	3549N	08359W	299		1021.3	4.3	- .2	6.2		9	142	27	4		
72327	NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180		1021.7	4.5	- .2	6.7		8	151	34	4		
72340	NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165			5.4				4	73		1		
72344	FORT SMITH/MUN., AR.	3520N	09422W	141		1021.6	5.7	1.1	6.8		3	38	-39	2		
72351	WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314		1020.9	7.5	1.5	7.7		2	17	-15	3		
72360	CLAYTON/MUN., NM.	3627N	10309W	1515		1018.4	3.4	2.0	3.3		3	8	1	4		
72365	ALBUQUERQUE/INT., NM.	3503N	10637W	1620		1022.0	2.8	1.0	4.0		3	8	-4	3		
72386	LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664		1020.5	9.6	2.0	6.5		2	53	44	6		
72389	FRESNO/AIR TERM., CA.	3646N	11943W	100		1020.3	8.1	.7	6.5		6	80	44	5		
72401	RICHMOND/BYRD, VA.	3730N	07720W	54		1019.9	5.6	1.1	7.2		8	60	-22	2		
72405	WASHINGTON/NAT., VA.	3851N	07702W	20		1019.3	4.4	.3	5.8		7	78	-1	3		
72406	BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47		1019.1	3.0	.4	5.7		7	75	-11	3		
72407	ATLANTIC CITY, NJ.	3927N	07434W	20		1018.5	2.5	.4	6.3		7	67	-17	2		
72408	PHILADELPHIA/INT., PA.	3953N	07515W	9		1018.6	3.1	1.0	5.4		7	81	-4	3		
72411	ROANOKE/MUN., VA.	3719N	07958W	358		1020.1	4.1	.6	5.5		5	54	-21	2		
72412	BECKLEY (RALEIGH CTY. MUN), WV.	3747N	08107W	766		1020.2	1.1	.0	5.3		7	54	-28	2		
72414	CHARLESTON/KANAWHA., WV.	3822N	08136W	299		1019.8	3.1	.3	5.8		10	74	-12	6		
72421	CINCINNATI/GREATER CIN., OH.	3903N	08440W	267		1019.7	.7	- .1	5.6		8	71	-9	3		
72422	LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301		1020.3	2.2		6.6		9	86		3		
72423	LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149		1020.7	2.6	- .1	6.1		9	142	50	4		
72425	HUNTINGTON, WV	3822N	08233W	255		1019.4	3.1	.4	5.9		9	67	-18	3		
72428	COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254		1018.9	.3	.4	5.6		10	85	13	6		
72429	DAYTON/. COX, OH	3952N	08407E	306		1019.8	- .8	- .6	5.4		8	40	-34	2		
72432	EVANSVILLE/REG., IN.	3803N	08732W	118		1021.1	1.0	- .8	6.2		6	59	-34	3		
72434	ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172		1020.6	2.8	1.7	6.3		5	45	-32	3		
72438	INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246		1019.5	- .1	.5	5.7		8	50	-34	1		
72439	SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187		1019.4	.7	2.0	5.6		5	31	-38	2		
72445	COLUMBIA/REGIONAL, MO.	3849N	09213W	274		1020.0	1.9	2.0	5.7		3	25	-37	1		
72476	GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475		1025.0	-2.1	- .3	4.1		2	5	-10	1		
72483	SACRAMENTO/EXECUTIVECA.	3831N	12130W	8		1019.2	8.2	.8	9.5		8	105	42	4		
72486	ELY/YELLAND, NV.	3917N	11451W	1909		1023.1	-1.8	1.8			2	14	-3	3		
72488	RENO/INT., NV.	3930N	11947W	1341		1021.3	1.7	1.3			4	43	18	4		
72494	SAN FRANCISCO/INTL, CA.	3737N	12223W	5		1018.8	11.3	1.6	11.1		9	163	85	5		
72503	NEW YORK/LA GUARDIA, NY.	4046N	07354W	9		1017.8	3.4	.8	5.5		12	86	0	3		
72507	PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19		1017.6	1.3	.9	5.1		9	125	14	4		
72508	HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55		1017.6	-1.0	.4	4.4		9	107	8	3		
72509	BOSTON/LOGAN INT., MA	4222N	07102W	9		1016.9	1.6	.7	4.9		5	93	-8	2		
72513	WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289		1017.2	-1.0	.1	4.6		7	86	23	4		
72515	BINGHAMTON/BROOME CO., NY.	4213N	07559W	497		1017.5	-2.9	.2	4.3		11	105	29	5		
72517	ALLENTOWN/A.-BETHLEHEM., PA.	4039N	07526W	117		1018.4	.4	.5	5.0		6	98	10	6		
72519	SYRACUSE/HANCOCK, NY.	4307N	07607W	124		1016.9	-1.7	.4	4.6		14	97	16	4		
72520	PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373		1018.8	.7	1.0	5.6		7	66	-8	3		
72521	AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377		1017.8	-1.2	- .5	5.6		13	61	-13	6		
72525	YOUNGSTOWN, OH.	4116N	08040W	361		1017.6	-1.1	.3	5.3		15	92	18	4		
72528	BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215		1016.0	-1.3	.3	4.9		15	127	34	5		

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1016.6	-1.6	.0	4.9		14	76	7	4		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1017.7	-1.7	1.3	4.7		4	29	-33	2		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1019.3	-.5	2.3	5.4		6	36	-26	3		
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252			1018.9	-1.6	.3	5.9		10	68	-5	4		
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236			1018.2	-1.6	.1	5.3		13	56	-27	3		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1017.7	-1.6	.7	5.1		6	53	-21	2		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1017.5	-1.3	.8	4.9		10	74	3	6		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1018.6	-1.3	2.4	4.8		5	23	-33	2		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1019.2	-1.4	2.8	4.5		3	15	-18	2		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1019.9	-1.7	3.4	4.2			4	-14	0		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1019.4	-1.7	4.0	4.4		1	3	-16	1		
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1019.5	-.8	3.5	4.2		1	2	-9	1		
72564 CHEYENNE, WY.	4109N	10449W	1872			1018.0	.0		3.2		1	3		1		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1018.5	-1.1	3.5	3.7		1	2	-14	6		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1023.1	.4	1.7	5.0		5	13	-22	2		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1019.5	-2.7	3.5	3.2		4	5	-9	1		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1023.6	-1.1	2.9			6	21	-7	3		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1022.5	-.5	.7			3	14	-8	2		
72594 EUREKA, CA.	4048N	12410W	18				8.2	-.9			15	240	87	5		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1019.2	4.9		7.9		9	105		4		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1017.0	-2.5		4.1		9	95		4		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1016.9	-2.3	.8	4.4		7	110	-5	3		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1017.3	-4.6	.4	4.1		7	83	22	4		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1016.9	-2.4	.3	4.8		11	61	-11	3		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1017.1	-1.6	.3	5.0		13	84	7	6		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1017.6	-3.1	-.4	4.6		9	55	2	4		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1017.1	-2.5	1.7	4.4		6	39	-20	3		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1017.6	-3.3	2.4	4.2		7	37	-9	3		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1017.8	-5.8	2.4	3.8		3	15	-11	2		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1017.4	-4.9	1.7	3.9		8	57	19	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1017.7	-3.5	4.1	4.2		2	3	-14	1		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1017.6	-3.4	4.3	4.1		2	5	-6	2		
72658 MINNEAPOLIS/ST. PAUL INTL, MN.	4453N	09313W	255			1017.8	-5.3	2.5	3.6		4	11	-16	2		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1016.9	-.1	4.2	3.6		1	2	-9	1		
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1017.4	-.3	4.9	4.1		1	4	-13	0		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1017.1	.5	4.1	3.4		3	6	-14	2		
72681 BOISE/MUN., ID.	4334N	11613W	874			1022.2	1.9	3.0	6.4		3	32	-2	3		
72688 PENDLETON, OR.	4541N	11851W	456			1018.9	4.2	2.9	6.5		8	17	-24	1		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1018.7	6.3	1.7	8.0		15	99	-56	2		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1016.0	-9.7	-.1	2.9		11	102	21	4		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1015.6	-7.5	-.3	3.6		11	62	-11	3		
72745 DULUTH/INT., MN.	4650N	09211W	432			1017.2	-9.9	.8	3.0		13	55	24	5		
72747 INT. FALLS/FALLS INT. MN.	4834N	09323W	361			1018.8	-12.7	1.1	2.5		8	51	30	6		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1018.5	-7.7	3.6	3.2		6	26	10	4		
72764 BISMARCK/MUN., ND.	4646N	10045W	506			1017.0	-5.5	4.5	3.5		1	5	-8	1		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1017.0	-6.1	4.3	3.7		8	13	-1	6		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1017.2	-4.8	4.5	3.9		6	15	6	5		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1021.5	-1.3	4.7	3.7		4	9	-6	2		
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972			1021.6	-1.2	3.6			2	14	-15	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.
							°C	°C	mb	mb	mm	mm	mm	mm	hr	
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325		1020.0	1020.0	1.4	2.6	6.6		7	29	-6	3		
72785 SPOKANE/INT., WA.	4738N	11732W	721		1019.5	1019.5	.0	2.3	5.7		9	34	-27	2		
72792 OLYMPIA, WA.	4658N	12254W	61		1018.1	1018.1	5.2	1.8	8.1		14	135	-71	6		
72797 QUILLAYUTE, WA.	4757N	12433W	62		1016.9	1016.9	6.1		8.6		22	308		2		
CANADA																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74		1010.9	1021.0	-27.4	-2.2	.5		7	21	4	3	0	
71066 HIGH LEVEL, ALTA	5837N	11710W	338		975.2	1019.3	-20.5	-.3	1.0		12	51	29	6		
71069 SLAVE LAKE, ALTA	5518N	11447W	581		944.8	1017.4	-10.9	2.5	2.4		9	20	-5	3		
71078 LYNN LAKE, MAN.	5652N	10105W	357		974.1	1021.3	-26.7	-4.2	.6		6	21	-1	3	99	175
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204		991.4	1021.3	-27.0	-4.9	.6		6	20	-8	3		
71095 POND INLET, N.W.T.	7242N	07758W	55		999.8	1007.4	-32.7		.3		2	4		1		
71101 SANDSPIT, B.C.	5315N	13149W	6		1010.8	1011.6	5.1	1.6			21	180	7	4		
71109 PORT HARDY, B.C.	5041N	12722W	22		1012.7	1015.3	5.4	2.1	8.1		22	247	-13	3		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40		1008.6	1013.6	-1.1	.6	4.6		18	122	-50	1		
71600 SABLE ISLAND, N.S.	4356N	06001W	4		1015.3	1015.9	3.3	1.0	5.4		16	122	-23	2		
71603 YARMOUTH, N.S.	4350N	06605W	43		1010.6	1016.0	.1	.5	5.6		13	157	14	4	68	100
71727 BAGOTVILLE, QUE.	4820N	07100W	159		996.5	1016.9	-13.0	-.9	2.2		16	67	-10	3		
71803 GANDER INT. AIRPORT, NFLD.	4857N	05434W	151		993.4	1012.3	-2.4	1.5	4.4		16	160	47	5	70	90
71813 NATASHQUAN, QUE.	5011N	06149W	11		1010.8	1012.1	-9.3	.1	2.8		17	98	-15	3		
71816 GOOSE, NFLD.	5319N	06025W	49		1005.0	1011.3	-13.3	.1	2.1		16	76	-1	3	65	80
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195		989.8	1015.5	-21.2		1.0		12	35		2		
71828 SCHEFFERVILLE, QUE.	5448N	06648W	518		945.6	1012.5	-21.0	-1.5	1.0		19	65	12	5		
71842 SIOUX LOOKOUT, ONT.	5007N	09154W	390		967.6	1017.5	-16.0	-.6	1.8		12	88	53	6		
71867 THE PAS, MAN.	5358N	10106W	271		985.4	1020.9	-21.6	-3.6	1.1		7	42	23	6	75	90
71869 PRINCE ALBERT, SASK.	5313N	10541W	428		964.5	1019.1	-15.8	1.1	1.8		11	31	12	5		
71887 KAMLOOPS, B.C.	5042N	12027W	346		977.0	1019.7	.2	3.5	5.0		9	30	-2	4		
71905 KUUJJUARAPIK, QUE.	5517N	07746W	10		1013.2	1014.6	-19.5	-2.9	1.2		11	43	8	4		
71906 KUUJJUAQ, QUE.	5806N	06825W	37		1006.8	1012.0	-21.6	-2.5	1.0		11	52	12	5		
71907 INUKJUAQ, QUE	5827N	07807W	6		1008.8	1012.2	-21.1	-3.0	1.1		6	25	0	3		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		1001.2	1008.0	-23.8		.9		7	17		1		
71945 FORT NELSON, B.C.	5850N	12235W	382		970.2	1019.5	-19.1	1.2	1.2		10	25	7	4		
71950 SMITHERS, B.C.	5449N	12711W	523		952.0	1015.8	-4.3	3.7	3.8		12	43	-5	3		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		924.9	1012.2	-11.0	4.9	2.7		7	24	6	5		
MEXICO																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		855.4	1019.7	9.8		8.5			3		0		
76256 EMPALME, SON	2755N	11054W	11		1014.7	1016.0	17.7		11.3		1	9		3	229	
76311 CHOIX, SIN.	2643N	10817W	238		986.5	1014.0	19.1		14.0		3	23		1	167	150
76342 MONCLOVA, COAH.	2653N	10125W	615		949.9	1021.8	14.2		8.3		1	1		0	185	160
76390 SALTILLO, COAH	2527N	10059W	1790		825.1	1018.7	11.0		7.5		0	0		0	196	
76393 MONTERREY, N.L.	2552N	10012W	512		960.5	1020.5	14.4		9.8		1	2		2	158	
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1011.8	1017.6	18.5		13.0		3	5		1	224	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1014.6	1016.7	19.8		15.2		0	0		0	199	
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1014.3	1014.7	21.6	.6	20.0	.3	0	0	-25	0	205	100
76548 TAMPICO, TAMP	2213N	09751W	9		1017.6	1020.6	19.7	-.4	16.2	-2.3	2	40	1	1	136	104
76556 TEPIC, NAY	2131N	10454W	922		912.5	1014.1	19.1		16.4		0	0		0	213	
76577 GUANAJUATO, GTO.	2101N	10115W	1999		806.0	1016.9	13.5	-1.2	12.3	2.1	2	18	4	3	184	84
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1017.0	1018.3	24.0	.8	20.2	-1.7	1	1	-33	1	234	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.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
76647 VALLADOLID, YUC.	2042N	08813W	22		1014.7	1017.7	24.9		21.3		4	94		5	238	
76665 MORELIA, MICH.	1942N	10111W	1913		813.3	1016.9	14.7	.0	11.0	.0	1	4	-8	3	215	128
76675 TOLUCA, MEX	1918N	09940W	2720		738.9	1018.1	8.8		7.6		1	2		2	253	
76685 PUEBLA, PUE.	1903N	09810W	2179		787.6	1014.8	13.2		9.2		0	0		0	274	
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1017.4	1019.3	22.4	-1.1	19.8	-2.3	1	2	-25	1	159	110
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1017.4	1018.5	24.4		22.0		3	7		0	182	175
76743 VILLAHERMOSA, TAB	1759N	09255W	10		1017.1	1017.9	24.2		26.5		5	24		1	117	165
76750 CHETUMAL, Q.ROO	1829N	08818W	9		1016.2	1017.2	24.2		23.1		4	21		1	213	
76848 COMITAN, CHIS.	1615N	09208W	1530		839.8	1012.5	15.3		12.9		1	3		1	230	
76903 TAPACHULA, CHIS.	1455N	09216W	182		999.2	1012.6	27.5		25.5		1	1		1	165	150
BAHAMAS																
78073 NASSAU AIRPORT	2503N	07728W	7		1019.1	1019.9	22.1	.2	20.3	-.3	4	17	-34	1	188	88
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1015.1	1015.2	26.5		27.9		10	125			228	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1013.1	1014.7	26.9		22.8		3	11		2	235	
DOMINICAN REPUBLIC																
78458 PUERTO PLATA	1945N	07034W	5		1015.3	1015.9	24.2		26.2		20	453				
78486 SANTO DOMINGO	1826N	06953W	14		1013.5	1015.1	26.3	1.4	27.9	4.1	11	94	10	4		
PUERTO RICO AND US POSS																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1015.2	25.7	.1	27.5		19	118	-1	3		
BELIZE																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1016.6	1017.1	24.4	.2	24.7		8	88	-87	2	220	124
NICARAGUA																
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1004.8	1011.0	29.4		23.9						286	
COSTA RICA																
78762 JUAN SANTAMARIA	1000N	08413W	939		908.3	1009.7	22.5	.7	18.3		2	6	-27	4		
78767 PUERTO LIMON	1000N	08303W	3		1012.2	1012.6	24.4	.1	25.5		20	610	209	5	139	92
ST. MAARTEN, ST. EUST., SABA																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1015.4	1015.9	25.8	.0	27.8	2.3	13	79	-7	3	271	111
ST. MARTIN, ST. BARTH., GUAD.																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1012.9		25.0	-.2	24.6		17	140	3	3	189	95
MARTINIQUE																
78925 LE LAMENTIN	1436N	06100W	7		1012.5	1013.4	26.1	.7	26.4	.1	20	149	-9	3	163	68
BARBADOS																
78954 GRANTLEY ADAMS	1304N	05929W	56		1006.2	1012.6	26.6		27.8		14	107		3	271	75
TRINIDAD AND TOBAGO																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1009.5	1012.0	26.3	1.1	28.3	1.7	17	206	51	5	207	97

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
CURACAO AND BONAIRE																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1012.5	1013.4	26.7	-.1	29.7	2.1	16	76	-23	3	252	108
COLOMBIA																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1013.9	1014.0	26.2	-.8	29.8	.7	22	170	-3	3	224	108
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				27.1	.1	28.4	-.7	20	245	72	2	192	92
S AMERICA																
COLOMBIA																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.1	1009.6	28.4	1.1	27.5	.9	0	0	-10	2	281	100
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.7	1009.9	27.2	.2	27.2	-1.6	0	0	-37	2	276	110
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1008.5	1010.2	27.2	.2	28.4	.1	0	0	-24	2	283	111
80084 APARTADO/LOS CEDROS	0748N	07642W	20				27.2	.2	31.6	3.3	13	203	179	1	153	60
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.2	.3	28.7	.5	6	77	-21	3	196	102
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.1		21.2		21.5		4	95	37	5	185	100
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		976.1	1011.0	25.1	-1.1	26.1	.9	5	48	-21	3	174	94
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		989.7	1004.2	27.9	1.0	28.0	1.1	2	8	-19	4	289	125
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		790.5		26.3		25.4		11	80	53	2	139	60
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55				29.1	.8	26.0	1.1	2	41	9	3	248	102
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.2	.3	29.6	.1	29	556	-92	0	75	82
80210 PEREIRA/MATECANA	0449N	07544W	1342		864.9		21.6	.2	19.6	.4	12	183	21	1	157	88
80214 IBAGUE/PERALES	0426N	07509W	928				23.4	.3	23.4	1.1	10	42	-72	3	159	98
80222 BOGOTA/ELDORADO	0442N	07408W	2546		751.8		12.9	.0	12.5	.5	5	32	-22	3	138	83
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		958.5	1007.8	26.0	.6	25.0	.7	15	337	192	1	145	91
80259 CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		904.9		23.3		21.8		5	50	-15	4	163	95
80315 NEIVA/BENITO SALAS	0258N	07518W	443		957.4	1005.8	27.1	.1	25.7	.8	10	182	40	2	173	92
80370 IPIALES/SAN LUIS	0049N	07738W	2961				11.9	.8	11.4	.4	11	93	-1	3	137	105
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		1001.7	1011.2	26.4	.5	30.8	1.5	15	303	-4	1	170	124
VENEZUELA																
80403 CORO	1125N	06941W	17				26.6	-.1	27.6		3	28	-26	3	247	93
80407 MARACAIBO-LA CHINITA	1034N	07144W	65		994.5	1009.3	26.7	-.1	27.3		1	12	-5	4	268	113
80410 BARQUISIMETO	1004N	06919W	614		942.7		23.9	.8			3	14	-11	2	255	103
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		964.1	1012.4	25.9	2.0	22.1		1	3	-12	1	200	74
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1006.1	1011.5	25.7	.3	25.8		4	37	-17	3	218	104
80416 CARACAS/LA CARLOTA	1030N	06653W	835				21.6	.9			4	22	-20		212	100
80419 BARCELONA	1007N	06441W	7		1009.8	1010.7	29.0	3.0	27.6		2	6	-18	2	279	104
80420 CUMANÁ	1027N	06411W	4		1011.4	1012.0	26.4		26.1		8	42			260	100
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19		1009.4	1011.6	24.8		26.1		7	102			247	90
80423 GUIRIA	1035N	06219W	14				25.7	-.3	23.6		6	56	-16	3	251	118
80425 MENE GRANDE	0949N	07056W	28				27.4	.8	29.6		8	102	16	3	203	90
80426 VALERA	0921N	07037W	582				23.8		23.9		5	27			176	95
80427 ACARIGUA	0933N	06914W	225				26.8	1.2	19.4		1	2	-35	271	115	
80428 GUANARE	0901N	06944W	163				26.9	1.6	24.2		0	T	-33	257	111	
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429				25.1		21.6		1	6			256	95
80434 VALLE DE LA PASCUA	0913N	06601W	125		991.5	1006.2	26.4		26.4		2	20			267	

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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	
80435 MATURIN	0945N	06311W	66		1003.5	1011.1	26.1	.7	25.7		12	98	-13	2	226	99
80437 EL VIGIA	0838N	07139W	103				25.2		18.7		16	263			119	
80438 MERIDA	0836N	07111W	1498			1506 Y	19.1	1.0	19.9		7	86	7	4	223	95
80440 BARINAS	0837N	07013W	204				27.6		25.0		0	0			224	
80442 CALABOZO	0856N	06725W	101				28.2		28.9		1	20			299	
80444 CIUDAD BOLIVAR	0809N	06333W	48		1004.5	1009.8	27.5	.6	29.6		3	32	-9	3	254	104
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378				24.9	.3	23.9		14	193	122	5	158	82
80448 GUASDUALITO	0714N	07048W	131				26.0	.6	27.3		2	25	-17		270	105
80450 SAN FERNANDO DE APURE	0754N	06725W	48				27.6	1.1	29.1		0	0	-10	1	307	107
80453 TUMEREMO	0718N	06127W	181				24.3	-.1	27.6		5	35	-66	1	222	128
80457 PUERTO AYACUCHO	0536N	06730W	74		1003.4	1012.0	27.6	.6	19.3		5	56	14	4	257	99
80462 SANTA ELENA DE UAIREN	0436N	06107W	907				22.6	1.6	22.5		9	82	-3	3	214	100
80472 VALENCIA	1010N	06756W	431				25.9		24.0		3	6			266	
80475 STO. DOMINGO (B.A.)	0735N	07204W	327				24.7		20.4		13	240			190	115
FRENCH GUIANA																
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1009.8	1010.7	27.2		28.7		9	75	-284	1	225	136
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1009.5	1010.3	26.7		28.1		15	148	-194	1	197	132
81415 MARIPASOULA	0338N	05402W	106		998.7	1010.7	28.7		26.1		8	120	-81	1	227	124
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				29.4		27.5		1	2				
82098 MACAPA	0002N	05103W	15		1008.8	1010.4	28.4	1.4	29.1		4	105	-37	4	257	125
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90				27.1		31.2		18	152		1	156	
82113 BARCELOS	0059S	06255W	40				27.4	1.2	32.0		12	91	-37	2	193	128
82191 BELEM	0127S	04828W	10		1008.7	1009.4	27.4	1.3	30.5		13	222	6	4	184	103
82212 FONTE BOA	0232S	06610W	56		1002.0	1011.1	27.2		33.0		13	139		3	180	
82246 BELTERRA	0238S	05457W	176		991.0	1010.7	27.6	2.3	28.2		3	56	-124	2	183	102
82280 SAO LUIZ	0232S	04418W	51		1004.5	1010.3	27.6	.8	29.3		2	7	-84	2	227	110
82287 PARNAIBA	0305S	04147W	22		1004.3	1007.0	28.2	.6	25.9						269	108
82397 FORTALEZA	0346S	03836W	26		1008.7	1011.8	27.7	.4	27.6		4	26	-23	3	290	113
82425 COARI	0405S	06308W	46		1004.8	1010.3	27.6		32.4		12	222		3	183	
82445 ITAITUBA	0416S	05559W	45		1006.5	1011.7	28.9	2.1	34.1		8	58	-141	1	153	126
82533 MANICORE	0549S	06118W	50		1004.4	1009.9	26.6		27.3		10	216		2	117	
82562 MARABA	0521S	04909W	95		999.3	1010.1	27.2	1.3	28.9		8	163	-87	1	105	88
82571 BARRA DO CORDA	0530S	04516W	153		992.5	1009.8	27.8	1.9	27.9		8	59	-76	2	163	110
82578 TERESINA	0505S	04249W	74		1001.3	1011.2	28.1	.1	27.3		4	61	-65	3	252	125
82586 QUIXERAMOBIM	0512S	03918W	212		982.9	1006.5	28.4	1.5	22.5		3	5	-19	3	268	114
82598 NATAL	0546S	03512W	45		1007.0	1012.3	27.2		30.5		1	5		1	297	110
82678 FLORIANO	0646S	04301W	123		996.0	1011.4	28.5	2.2	26.4		7	130	-20	3	200	120
82704 CRUZEIRO DO SUL	0738S	07240W	170		985.3	1004.6	25.9		29.7		16	236			67	
82723 LABREA	0715S	06450W	60		1001.6	1009.8	27.9		31.8		8	144			72	
82765 CAROLINA	0720S	04728W	192		989.4	1013.3	26.6	1.2	29.4		14	262	28	5	49	38
82784 BARBALHA	0719S	03918W	409		964.6	1010.8	28.1	1.8	21.4		2	7	-85	1	268	115
82791 PATOS	0701S	03716W	249		982.2	1009.7	29.8		22.4		2	57		4	290	110
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		990.3	1007.2	26.9	1.6	29.1		12	102	-168		126	98
82900 RECIFE (CURADO)	0803S	03455W	7		1012.0	1012.9	27.2	.9	25.9		4	14	-51	1	286	112
82915 RIO BRANCO	0958S	06748W	136		990.8	1009.0	25.8	.2	30.5		22	178	-85	1	122	106
82983 PETROLINA	0923S	04029W	370		968.6	1009.8	29.3	2.2	18.6		1	2	-81	1	306	129

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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	
83064 PORTO NACIONAL	1031S	04843W	250		981.2	1009.5	27.1	1.3	27.7		11	215	-15	2	150	98
83096 ARACAJU	1055S	03703W	6		1011.7	1012.3	27.0	.6	27.3		0	0	-57	0	329	131
83186 JACOBINA	1111S	04028W	484		957.2	1010.0	26.3	1.4	21.6		1	11	-105	1	272	129
83229 SALVADOR	1301S	03831W	51		1007.0	1012.9	26.9	.9	27.9		2	11	-121	0	297	133
83235 TAGUATINGA	1216S	04626W	660		942.1	1009.1	25.8	1.8	23.9		13	123	-164	1	146	105
83236 BARREIRAS	1209S	04500W	440		960.3	1008.8	25.9	1.2	24.4		8	142	-62	3		
83242 LENCOIS	1234S	04123W	438		962.4	1011.3	25.3	.9	22.0		2	10	-162	1	207	132
83264 VERA (GLEBA CELESTE)	1212S	05630W	415		967.2	1013.4	25.9	1.1	27.9		19	423	64	5	139	130
83288 BOM JESUS DA LAPA	1316S	04325W	440		960.6	1009.1	26.6	2.4	23.0		8	174	-17	3	298	155
83332 POSSE	1406S	04622W	950		920.1	1009.3	24.7	1.3	21.5		16	120	-160	1	167	119
83344 VITORIA DA CONQUISTA	1457S	04053W	893		916.2	1011.6	21.9	.3	19.4		3	12	-115	5	227	133
83361 CUIABA	1533S	05607W	179		991.4	1011.7	27.9	1.3	27.6		15	177	-16	2	217	119
83377 BRASILIA	1547S	04756W	1158		885.5	1010.2	21.8	.3	19.5		14	126	-122	1	138	100
83423 GOIANIA	1641S	04917W	729		929.1	1009.9	24.5	1.0	23.0		19	251	-7	3		
83437 MONTES CLAROS	1643S	04352W	646		939.3	1010.1	24.2	.9	22.7		12	289	52	4	188	115
83492 TEOFILLO OTONI	1751S	04130W	356		972.0	1010.0	25.3	2.9	25.0		14	361	176	5	179	117
83498 CARAVELAS	1744S	03915W	3		1012.8	1013.3	26.1	.5	26.9		8	268	130	5	211	111
83579 ARAXA	1934S	04656W	1004		900.8	1011.2	21.9	.8	21.3		25	473	181	4	157	110
83587 BELO HORIZONTE	1950S	04356W	850		911.2	1010.5	22.6	.4	20.6		20	0500	0181	5	149	90
83592 CARATINGA	1948S	04209W	609		944.3	1011.8	23.5	1.6	23.8		19	0422	0212	5	156	96
83648 VITORIA	2019S	04020W	36		1008.9	1013.2	25.8	.4	26.3		15	242	47	4	120	
83676 CATANDUVA	2108S	04858W	536				24.5	1.7			10	148	-73	2	176	104
83698 CAMPOS	2145S	04120W	11		1011.6	1013.0	25.7		27.3		20	327		6		
83702 PONTA PORA	2232S	05544W	650		935.4	1010.3	24.5	1.0	22.1		9	73	-118	0	205	99
83766 LONDRINA	2323S	05111W	566		948.0	1012.0	23.8	.3	21.7		9	106	-126	1	205	117
83781 SAO PAULO	2330S	04637W	792		923.8	1012.0	21.5	.4	19.9		15	263	63	5		
83836 IRATI	2528S	05038W	837		914.9	1011.3	19.7		18.4		13	91		1	166	
83842 CURITIBA	2526S	04916W	923		911.2	1013.3	19.5	.2	18.5		15	160	10	3	149	99
83881 IRAI	2711S	05314W	247		981.7	1011.1	24.6	.9	20.8		6	56	-87	1	240	95
83897 FLORIANOPOLIS	2735S	04834W	2		1012.6	1013.0	23.2	.7	22.7		13	261	115	6	185	98
83967 PORTO ALEGRE	3001S	05113W	47			1013.1	23.1	-1	20.4		4	34	-67	1	239	98
83980 BAGE	3120S	05406W	217		984.9	1012.5	22.0	-7	19.0		6	39	-66	1	277	108
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1010.8	1015.1	20.7	.2	19.0		4	78	-5	3	282	107
PERU																
84370 TUMBES	0333S	08024W	27		1006.5	1009.3	26.0		24.1		1	3				
84377 IQUITOS	0345S	07315W	126		998.3	1008.8	26.3		28.1		16	496	214	5		
84401 PIURA	0511S	08036W	55		1008.1	1015.0	26.4		21.9		2	10	9	5		
84452 CHICLAYO	0647S	07950W	34		1012.2	1015.3	22.7		19.6		1	1	0	5		
84455 TARAPOTO	0627S	07623W	282		980.4	1015.3	28.2		27.8		5	97	11	4		
84501 TRUJILLO	0806S	07902W	30		1010.5	1014.5	20.9		19.5							
84515 PUCALLPA	0825S	07436W	149		991.5	1009.0	26.6		27.8		12	237		4		
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1011.2	1012.8	21.4		20.6						158	
84686 CUZCO	1333S	07159W	3249		687.6		13.4		8.8		14	91	-29	2		
84691 PISCO	1345S	07617W	7		1010.7	1011.4	21.5		20.0							
84735 JULIACA	1529S	07009W	3826		642.8		13.4		8.5		10	77	-8	3		
84752 AREQUIPA	1619S	07133W	2539		753.4		15.7		8.2		1	7	3	5		
84782 TACNA	1804S	07018W	469		962.3	1012.4	21.6		14.7							

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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	
BOLIVIA																
85207	SAN IGNACIO DE VELASCO	1623S	06058W	413	962.7	1009.0	26.8		19.2		14	299		5		
85210	SAN MATIAS	1620S	05823W	124	995.7	1010.5	28.7		20.8		11	147				
85223	COCHABAMBA	1725S	06611W	2548	747.8		20.8		8.9		7	71		2		
85230	CHARANA	1735S	06936W	4054	625.0		10.7		3.9		3	40		3		
85242	ORURO	1758S	06704W	3072	654.1		13.8		4.8		10	52		3		
85245	SANTA CRUZ/EL TROMPILLO	1748S	06311W	418	959.9	1007.0	26.8		19.1		10	141		3		
85247	SAN JOSE DE CHIQUITOS	1748S	06044W	284	997.0	1009.3	28.0		19.4		12	178		5		
85264	VALLEGRANDE	1828S	06406W	1998	782.1		19.0		11.6		11	45				
85268	ROBORE	1819S	05946W	276	978.3	1010.5	27.3		21.0		5	231		5		
85283	SUCRE	1901S	06518W	2904	719.2		16.3		8.8		8	109		3		
85289	PUERTO SUAREZ	1859S	05749W	134	991.0	1007.0	28.2		19.6		7	179		4		
85293	POTOSI	1933S	06544W	3935	636.0		19.2		5.6		8	35				
85315	CAMIRI	2000S	06332W	798	920.1	1008.0	25.3		15.8		11	181		4		
85345	VILLAMONTES	2115S	06327W	398	962.7	1007.9	27.4		19.5		9	134				
85364	TARIJA	2133S	06442W	1854	812.8		20.9		11.9		14	133		3		
85365	YACUIBA	2157S	06339W	645	937.6	1009.9	25.2		17.1		8	67		0		
CHILE																
85406	ARICA	1821S	07020W	55	1009.2	1013.7	21.8	1.2	18.6	1.4					268	110
85418	IQUIQUE	2032S	07011W	48	1008.0	1013.7	21.1	1.1	17.7	1.1					331	110
85442	ANTOFAGASTA	2326S	07027W	140	997.7	1014.5	18.8	.1	18.0	2.0					323	105
85469	ISLA DE PASCUA	2710S	10926W	69	1012.3	1020.4	21.1		19.4		10	197		5	257	105
85470	COPIAPO	2718S	07025W	290	979.3	1012.9	18.3	.0	14.0	-.7					299	100
85488	LA SERENA	2955S	07112W	146	999.1	1014.8	15.5	-.6	14.4	-.2		10	10	4	236	100
85574	PUDAHUEL	3323S	07047W	474	959.0	1013.0	19.9		9.3						338	95
85577	SANTIAGO QUINTA NORMAL	3326S	07041W	520	953.0	1012.5	20.8		10.4						328	100
85585	ISLA JUAN FERNANDEZ	3337S	07849W	30	1015.5	1019.1	17.5		14.9		1	6		1	194	100
85629	CURICO	3458S	07113W	220							1	5	-6	4	332	105
85672	CHILLAN	3635S	07202W	148							2	45	17	4	333	100
85682	CONCEPCION	3646S	07304W	13	1015.8	1016.8	15.9	.4	13.1	.1	2	0019	-009	4	317	95
85743	TEMUCO	3846S	07238W	93	1006.1	1017.2	14.7	.0	11.9	-.6	7	0035	-017	3	252	95
85766	VALDIVIA	3938S	07305W	19							10	0057	-006	4	254	95
85799	PUERTO MONTT	4126S	07306W	90	1005.7	1016.5	13.6	.2	12.6	.5	14	0085	-018	3	171	85
85864	COYHAIQUE	4536S	07206W	311	972.4	1008.8	12.6	.0	8.7	-.8	10	0085	0010	4	220	90
85874	BALMACEDA	4555S	07142W	522	947.7	1007.8	10.8	-.1	8.4	.3	6	47	16	4		
85934	PUNTA ARENAS	5300S	07051W	43	992.9	997.6	10.9	1.2	8.3	.1	7	19	-9	2		
ARGENTINA																
87007	LA QUIACA OBSERVATORIO	2206S	06536W	3459	672.2	3111 Z	14.1	1.9	8.5	.0	8	36	-41	1	287	
87022	TARTAGAL AERO	2239S	06349W	450	957.4	1007.1	26.0		22.8		9	149			200	
87046	JUJUY AERO	2423S	06505W	905	908.7	1484 Y	23.6		20.0		8	230		6	197	90
87047	SALTA AERO	2451S	06529W	1221	877.3	1494 Y	21.5	.3	18.7	.8	8	102	-36	2	177	108
87097	IGUAZU AERO	2544S	05428W	270	979.4	1009.6	24.5		21.8		4	38		3	202	
87121	TUCUMAN AERO	2651S	06506W	450	958.0	1007.9	25.0		22.9		9	209			219	
87129	SANTIAGO DEL ESTERO AERO.	2746S	06418W	199	986.3	1008.6	27.3	.8	20.5	-.1	9	46	-50	1	255	
87148	PRESIDENCIA ROQUE SAENZ PENO	2644S	06029W	93		1008.5	25.6		24.7		8	410		5	244	
87155	RESISTENCIA AERO.	2727S	05903W	52	1003.7	1009.7	25.4		23.6		6	145		4	230	105
87162	FORMOSA AERO	2612S	05814W	60	1002.3	1009.1	26.4	-.1	25.0	1.4	7	250	104	5	278	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	%			
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		921.1	1507 Y	20.7		18.5		7	109			261		
87166 CORRIENTES AERO.	2727S	05846W	62		1003.3	1010.4	25.5	-.4	23.7	1.6	7	132		4	304	104	
87178 POSADAS AERO.	2722S	05558W	125		995.9	1010.0	26.0	.3	21.6	-.4	9	112	-38	2	179	80	
87222 CATAMARCA AERO.	2836S	06546W	454			1004.4	27.6		18.8		6	75		4	245	100	
87270 RECONQUISTA AERO	2911S	05942W	53		1004.7	1010.8	24.9	.0	21.9	-.4	9	232		1	273	99	
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1003.2	1011.3	24.3	-.6	20.6	.7	7	167		4	258	125	
87311 SAN JUAN AERO	3134S	06852W	598		941.2	1006.6	26.7		14.2						296	85	
87328 VILLA DOLORES AERO	3157S	06508W	569		945.0	1008.0	23.9	-.5	16.9	.9	10	127		9	326		
87344 CORDOBA AERO	3119S	06413W	474		957.0	1010.1	22.7	.0	17.6	-.2	9	225		77	1	298	132
87349 PILAR OBSERVATORIO	3140S	06353W	338		972.7	1011.0	22.7	.1	18.2	.7	9	146		3	3	289	107
87374 PARANA AERO	3147S	06029W	78		1002.6	1011.6	23.6	.1	18.9	.3	8	192		80	5	280	103
87393 MONTE CASEROS AERO	3016S	05739W	54		1005.4	1011.5	24.4	-.3	20.0	.2	7	141		12	4	403	140
87418 MENDOZA AERO	3250S	06847W	704		930.2	1007.1	25.1	.7	13.8	.0					324	114	
87436 SAN LUIS AERO	3316S	06621W	713			1007.9	23.8	.2	14.7	.6	8	120		19	4	352	111
87448 VILLA REYNOLDS AERO	3344S	06523W	486		955.3		22.4	.0	16.2	.1	7	20	-92	0			
87453 RIO CUARTO AERO	3307S	06414W	420		962.5	1009.0	21.6	-.5	10.7	-5.4	12	144		1	3	297	
87480 ROSARIO AERO	3255S	06047W	25		1008.2	1011.1	23.5	.5	19.3	.6	9	129		9	3	318	
87506 MALARGUE AERO	3530S	06935W	1425		856.8	1494 Y	18.9	.5	8.6	-.8	1	3	-23	1	350		
87509 SAN RAFAEL AERO	3435S	06824W	748		919.3	1009.0	21.9	-.4	8.8	-4.4	3	24	-20	3	247		
87532 GENERAL PICO AERO	3542S	06345W	145		999.4	1010.4			17.7	2.1	4	26	-75	0			
87544 PEHUAJO AERO	3552S	06154W	87		1002.4		20.8	-.8	18.2	1.1	10	268	168	5	303		
87548 JUNIN AERO	3433S	06057W	81		1002.0	1011.4	21.8	.0	17.7	.9	11	228	128	5	256	93	
87550 NUEVE DE JULIO	3527S	06053W	76		1002.7	1011.4	21.9	-.5	17.6	-1.1	10	198	88	5			
87576 EZEIZA AERO	3449S	05832W	20		1010.2	1012.5	22.7	.8	17.8	.8	9	73	-20	2	245	124	
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1012.0	1012.6	23.1	.3	19.0	.2	8	76	-20	3	281	117	
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1009.5	1012.4	23.3	.3	18.2	.6	10	116	11	4	269	101	
87593 LA PLATA AERO	3458S	05754W	19		1010.1	1012.9	21.1	.0	19.1	1.4	7	104	20	4	285	120	
87645 TANDIL AERO	3714S	05915W	175		992.2	1012.5	19.9				5	50		2	211	85	
87692 MAR DEL PLATA AERO	3756S	05735W	21		1011.1	1013.6	19.7	1.2	18.2	2.1	5	55	-49	1	188		
87715 NEUQUEN AERO	3857S	06808W	271		979.7	1010.7	23.6	1.4	5.9	-3.3					211	76	
87736 RIO COLORADO	3901S	06405W	79		1001.2	1009.8	22.7		17.8		5	108		1	302		
87750 BAHIA BLANCA AERO	3844S	06210W	83		1001.3	1010.9	21.4	.0	14.4	1.5	8	211	141	5	276		
87765 BARILOCHE AERO	4109S	07110W	840		918.4	1486 Y	12.9	.0	8.1	-.7	3	8	-24	2	297	89	
87774 MAQUINCHAO	4115S	06844W	888		910.9	1474 Y	18.6	2.3	8.3	1.2	0	0	-14	1			
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1006.9	1009.2	22.1	1.0	10.8	-.3	4	46		1			
87791 VIEDMA AERO	4051S	06301W	7		1009.1	1009.9	21.6		12.7		8	75		5	309	105	
87800 EL BOLSON AERO	4158S	07131W	337		972.7	1011.9	16.9		10.9		5	27			244		
87803 ESQUEL AERO	4256S	07109W	785		919.5	1009.8	13.6	.4	7.5	.2	5	26		1	2	317	80
87823 P.MADRYN AERO	4244S	06504W	136		992.2	1007.9	20.6		9.6		0	0			293		
87828 TRELEW AERO	4312S	06516W	43		1003.5	1008.5	21.3	1.8	9.2	1.0	0	T	-14	1	299	102	
87852 PERITO MORENO AERO	4631S	07101W	429		954.9	1004.4	15.3		8.3		01	1			262		
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46		1000.8	1006.2	19.0	1.1	7.4	-.4	1	10	-5	3	287	122	
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		959.3	1000.7	16.1		6.5		2	3			219		
87896 PUERTO DESEADO AERO	4744S	06555W	80		993.2	1002.6	17.3	2.9	9.6	.5	4	170	156	4	230		
87909 SAN JULIAN AERO	4919S	06745W	62		994.7	1002.0	16.4		8.4		3	6		2	254		
87925 RIO GALLEGOS AERO	5137S	06917W	19		996.9	999.1	13.2	.5	7.6	-.1	7	32		8	4	246	
87938 USHUAIA AERO	5448S	06819W	14		995.1	998.3	9.8	.7	8.9	.4	5	52		10	1	163	

ANTARCTICA

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	QUINILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
ARGENTINA (ANTARCTIC)																
88963	BASE ESPERANZA	6324S	05659W	13	988.6	991.4	1.0	.6	5.1		7	53	-6	1	150	
88968	BASE ORCADAS	6045S	04443W	4	993.4	994.8			5.6		16	116	70	6	55	95
89053	BASE JUBANY	6214S	05838W	4	990.6	992.1	1.0		6.0		4	33			117	
89055	BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198	966.7	991.0	- .9		5.0		8	29			157	
89066	BASE SAN MARTIN	6808S	06708W	4	968.9	991.0	1.9		4.9		6	6			258	
UNITED KINGDOM (ANTARCTIC)																
89022	HALLEY	7530S	02639W	30	990.5	994.2	-5.6		3.3						235	80
89062	ROTHERA POINT	6734S	06808W	16	986.2	990.2	.5		4.6						313	145
UKRAINE (ANTARCTIC)																
89063	VERNADSKY	6515S	06416W	11	989.7	991.1	- .4		5.4		11	21		5		
USSR (ANTARCTIC)																
89050	BELLINGSHAUSEN	6212S	05856W	16	989.8	991.6	.3		5.5		12	67			128	
89512	NOVOLAZAREVSKAJA	7046S	01150E	0	974.6	989.1	.6		3.5		01	1			376	
89592	MIRNYJ	6633S	09301E	30	982.8	988.3	- .1		4.7		9	33				
GERMANY (ANTARCTIC)																
89002	NEUMAYER	7040S	00815W	50	987.5	992.7	-3.8		3.9						327	125
ARGENTINA (ANTARCTIC)																
89034	BASE BELGRANO II	7752S	03437W	256	963.1	994.8	-2.2		3.4		4	13			267	
CHILE (ANTARCTIC)																
89056	CENTRO MET. ANTARTICO ' ' PDTE. ED	6211S	05859W	48	986.1	990.8	.4		5.6	.2	12	41		4	81	95
89059	BASE BERNARDO O'HIGGINS	6319S	05641W	10	989.5	990.5	3.0	2.9	4.9	- .1	8	48	10	4	87	
JAPAN (ANTARCTIC)																
89532	SYOWA	6900S	03935E	21	987.5	990.0	.2	1.7	3.9	.3					511	
AUSTRALIA (ANTARCTIC)																
89564	MAWSON	6736S	06252E	16	987.6	989.6	.5		3.9						252	94
89571	DAVIS	6834S	07757E	13	986.9	989.7	1.9		3.6		0	T	-2	1	404	145
89611	CASEY	6617S	11031E	42	985.9	991.2	- .3		4.4		4	30				
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48601	PENANG/BAYAN LEPAS	0518N	10016E	4	1009.8	1010.1	27.7	1.0	26.9	- .8	6	36	-77	1		
48615	KOTA BHARU	0610N	10217E	5	1011.2	1011.8	26.3	.7	28.4	.5	10	264	-307	2		
48647	KUALA LUMPUR/SUBANG	0307N	10133E	22	1008.0	1010.5	26.9	.9	29.0	.5	16	154	-76	2		
48657	KUANTAN	0337N	10313E	16	1009.4	1011.2	24.5	- .1	27.4	- .3	13	928	365	5		
48665	MALACCA	0216N	10215E	9	1009.3	1010.3	26.9	.9	28.1	- .1	6	30	-93	1		
48674	MERSING	0227N	10350E	45	1005.8	1010.8	26.2	.7	29.4	1.2	16	425	-237	2		

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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	
SINGAPORE																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.5	1010.4	26.8	1.1	29.9	1.2	13	139	-165	1	152	114
USA (PACIFIC OCEAN NORTH)																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1015.5	22.9	.2	22.3		17	240	110	4		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1015.2	24.1	.7	20.9		7	151	55	5		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1015.9	22.7	.3	19.9		20	280	-25	3		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1008.1	28.2	.6	31.4		23	172	-121	2		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1009.1	27.2	-.1	30.7		22	461	75	4		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8		1007.6	1008.4	28.3	.7	30.6		17	293	88	6		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1008.3	28.3	1.2	30.9		19	281	-20	3		
91408 KOROR, PALAU IS.	0720N	13429E	33			1008.8	28.5	.8	31.1		20	152	-152	0		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1008.7	28.3	1.2	30.4		12	61	-167	0		
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1008.9	1011.0	25.7	.6	23.5		5	49	-52	2	241	95
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1003.7	1011.9	24.6	.0	22.5		7	144	72	5	267	103
TUVALU (NEW ZEALAND)																
91643 FUNAFUTI	0831S	17913E	2		1007.7	1007.9	28.9		31.6						167	
FIJI																
91650 ROTUMA	1230S	17703E	26			1008.3	27.9		32.0		18	327		4		
91652 UNDU POINT	1608S	17959W	63			1009.9	27.4		31.6		15	287		4		
91680 NANDI	1745S	17727E	25			1009.1	27.7	1.0	27.0		6	31	-128	1	201	89
91683 NAUSORI	1803S	17834E	7			1010.3	26.3		29.0		14	307		4		
91699 ONO-I-LAU	2040S	17843W	28			1011.6	26.3		28.3		7	42		1		
SAMOA (USA)																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1008.9	29.3		31.5		13	221		2		
COOK ISLANDS (NEW ZEALAND)																
91843 RAROTONGA	2112S	15949W	7		1011.7	1012.4			26.5						261	140
FRENCH POLY. (MARQUESAS)																
91925 ATUONA	0948S	13902W	52		1003.9	1009.7	27.0		25.7		12	131	34	4	132	54
FRENCH POLY. (SOCIETY IS)																
91938 TAHITI-FAAA	1733S	14937W	2		1009.0	1009.3	27.8		28.6		9	211	-106	3	240	122
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1009.1	1009.4	28.1		28.6		20	540	353	6	195	85
91945 HEREHERETUE	1952S	14500W	3		1010.4	1010.8	26.5		30.0		15	281		4	185	95
91948 RIKITEA	2308S	13458W	89		1006.4	1016.6	24.0		25.5		11	74	-129	0	171	86
FRENCH POLY. (AUSTRAL IS)																
91954 TUBUAI	2321S	14929W	3		1011.2	1011.5	25.7		27.5		14	254	67	5	199	99
91958 RAPA	2737S	14420W	2		1015.1	1015.4	23.5		25.8		13	273		4	83	55

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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	
PAPUA NEW GUINEA																
92001	0605S	14111E	35		1003.6	1007.6			30.2		16	439			182	
92003	0905S	14312E	9		1007.5	1008.5			31.1		9	61			234	
92014	0513S	14548E	5		1007.2	1008.0			31.3		21	268			165	100
92035	0923S	14713E	58		1001.3	1007.0			26.7		7	80		2	264	120
92044	0204S	14726E	5		1007.7	1008.3			31.1		16	289		3	164	75
92047	0634S	14643E	70		998.5	1006.4			28.1		5	38		0	259	130
92076	0234S	15049E	4		1007.7	1008.2			30.7		19	244			233	
92077	1019S	15020E	23		1005.9	1008.6			28.1		6	106			228	
92087	1041S	15250E	7		1007.6	1008.4			31.7		12	298			203	
NEW ZEALAND																
93292	3839S	17759E	5			1004.9	16.2	-1.5	11.7		11	59	-11	4		
93309	3901S	17411E	32			1006.2	14.3		13.6		16	97		3		
93417	4054S	17459E	12			1004.2	14.6	-1.4	13.4		10	107	24	4	224	100
93615	4243S	17059E	40			1004.4	12.0		11.8							
93678	4225S	17342E	101			1001.6	13.1		11.0		13	71		5		
93780	4329S	17233E	30			1002.0	13.0		10.7		13	110		5	201	90
93844	4625S	16819E	4			1002.8	10.5	-2.5	10.3		24	230	133	6	143	75
93947	5233S	16909E	19			999.6	7.6		8.6		22	104		2		
93987	4357S	17634W	49			999.6	11.9		12.1		18	168		6		
93994	2915S	17755W	49			1014.3	20.7		18.6		7	30		2		
AUSTRALIA																
94120	1225S	13053E	31		1003.4	1007.3	29.2		30.0		16	236	3	4	228	102
94150	1217S	13649E	54		1001.5	1007.5	28.2		29.2		8	104		3	241	95
94203	1757S	12214E	7		1006.0	1007.0	30.3		30.2		3	80	33	5	317	
94212	1814S	12740E	424		959.1	1005.4	32.4		15.5		5	20	-53	1		
94238	1938S	13411E	375		964.9	1006.2	31.3		14.0		4	12	-48	1	300	98
94287	1653S	14545E	3		1008.9	1009.8	26.8		27.4		13	243	53	4	228	96
94294	1915S	14645E	9		1008.9	1009.9	27.7		27.0		7	115	-32	3	283	103
94299	1618S	14959E	6		1008.8	1009.8	27.9		29.1							
94312	2022S	11838E	9		1005.7	1006.6	31.2		25.5		0	T	-16	1		
94326	2348S	13353E	546		948.4	1008.6	28.4		8.5		1	3	-32	1	341	108
94332	2041S	13929E	340		969.7	1007.3	29.4		17.4		7	182	120	6	299	101
94346	2326S	14417E	192		986.9	1008.4	29.4		16.2		6	62	14	4		
94367	2107S	14913E	30		1007.3	1010.9	26.4		26.1		8	117	-80	2	247	85
94374	2323S	15029E	14		1009.8	1011.4	26.6		22.5		9	91	-34	3		
94403	2848S	11442E	33		1007.6	1011.8	22.7		16.1		0	T	-4	1		
94430	2637S	11833E	517		951.0	1007.9	30.8		8.0		1	1	-10	2		
94461	2502S	12817E	598		942.9	1008.2	29.2		8.1		3	20	-9	3	319	103
94610	3156S	11559E	31		1010.4	1012.7	22.9		13.3		2	3	-6	2	367	110
94647	3141S	12853E	102		1003.2	1015.2	19.6		13.7		3	15		4		
94653	3208S	13342E	16		1012.6	1014.4	20.3		12.5		3	8	-8	3	287	95
94693	3414S	14205E	52		1006.1	1012.3	22.8		10.7		4	28	6	4	340	
94711	3129S	14550E	264		980.1	1009.9	25.2		10.2		5	34	-3	4	358	105
94767	3356S	15110E	5		1012.4	1013.0	21.3		17.2		10	94	14	4	246	96
94776	3248S	15150E	8		1011.8	1012.8	21.2		17.6		13	68	-14	3	248	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.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
94791 COFFS HARBOUR MO	3019S	15307E	5		1011.9	1012.7	21.8		19.1		8	81	-62	2	232	94
94802 ALBANY AIRPORT	3456S	11748E	69		1007.1	1015.3	17.8		13.5		2	6	-17	1	302	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1006.6	1014.8	17.1		12.6		9	44	7	4	251	101
94866 MELBOURNE AIRPORT	3740S	14451E	132		999.7	1013.7	17.5		12.8		10	59	12	4	249	
94907 EAST SALE AIRPORT	3806S	14708E	8		1012.7	1013.7	16.6		13.8		6	47	-10	3	258	107
94910 WAGGA AIRPORT	3510S	14727E	213		986.7	1011.3	21.0		11.9		8	60	12	4	328	105
94926 GAMBERRA AMO	3518S	14912E	580		946.1	1011.9	18.3		12.6		8	72	20	4	309	105
94968 LAUNCESTON AIRPORT	4132S	14712E	178				15.6		10.7		5	44	-7	3		
94975 HOBART AIRPORT	4250S	14729E	27		1009.9	1013.1	15.8		10.9		6	24	-31	1	268	116
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1012.5	1013.3	21.4		17.4		13	147	43	4		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1000.3	1014.0	20.2		17.3		4	26	-62	1	290	120
94998 MACQUARIE ISLAND	5429S	15856E	6		1001.1	1002.1	5.1		7.4		16	59	-14	2	121	115
INDONESIA (SUMATRA)																
96001 SABANG/CUT BAU	0552N	09519E	126		996.6	1010.6	26.1		28.9		15	0432		1	121	115
96035 MEDAN/POLONIA	0334N	09841E	25			1013.0	26.6		28.8		14	166		1	52	60
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1009.2	1009.9	25.8		29.0		20	273		1	125	60
96295 TELUKBETUNG/BERANTI	0516S	10511E	96		1001.5	1011.9	27.7		28.0		22	411		1		
MALAYSIA (SABAH & SARAWAK)																
96413 KUCHING	0129N	11020E	27		1007.9	1010.4	25.6		29.2		27	703		5		
96421 SIBU	0220N	11150E	8		1006.7	1010.3	26.0		29.5		25	579		5	139	90
96441 BINTULU	0312N	11302E	5		1007.2	1009.9	25.8	- .4	28.8		24	606	156	5	141	85
96449 MIRI	0420N	11359E	18		1007.7	1009.6	26.5	.3	30.1		21	330	-10	3		
96465 LABUAN	0518N	11515E	30		1006.4	1009.7	27.6		29.9	- .3	14	219		2	220	100
96471 KOTA KINABALU	0556N	11603E	3		1009.2	1009.5	26.9		28.8		12	82		1		
96481 TAWAU	0416N	11753E	20		1007.2	1009.1	26.1		29.0		14	246	111	5	189	95
96491 SANDAKAN	0554N	11804E	13		1008.6	1009.8	26.9	.4	31.6		23	651		5	130	80
INDONESIA (KALIMANTAN)																
96509 TARAKAN/JUWATA	0320N	11734E	6		1008.2	1008.9	27.6		30.6		16	283			116	
96633 BALIKPAPAN/SEPINGGAN	0116S	11654E	3			1009.2	27.1		31.0		15	282		5	96	90
96685 BANJARMASIN/SYAMSUDDIN NOOR	0326S	11445E	20			1009.7	26.5		29.8		22	415			64	70
INDONESIA (JAWA)																
96805 CILACAP	0744S	10901E	6			1009.5	27.1		30.3		3				124	80
AUSTRALIA (OCEAN ISLANDS)																
96996 COCOS ISLAND AERO	1211S	09649E	3		1010.9	1011.4	27.0		26.2		3	17	-99	1		
INDONESIA (SULAWESI)																
97014 MENADO/DR. SAM RATULANGI	0132N	12455E	80		1000.2	1009.5	26.5		28.0		13	109		0	86	55
97048 GORONTALO/JALALUDDIN	0031N	12304E	2			1008.0	27.1		29.3		11	77			182	100
97072 PALU/MUTIARA	0041S	11944E	6			1012.0	27.9		27.3		18	21			178	
INDONESIA (NUSATENGARA)																
97230 DENPASAR/NGURAH-RAI	0845S	11510E	1			1008.9	27.7		29.7		18	306		3	193	

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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 (MALUKU/IRIAN JAYA)																
97502 SORONG/JEFMAN	0056S	13107E	3		1009.0	1009.7	27.1		32.0		20	257			180	
97560 BLAK/MOKMER	0111S	13607E	11			1008.3	27.2		31.2		20	244		4	196	150
97980 MERAUKE/MOPAH	0828S	14023E	3		1007.1	1007.4	28.4		28.9		8	166		2	203	145
PHILIPPINES																
98223 LAOAG	1811N	12032E	5		1011.7	1012.3	25.6		23.4		1	6			237	
98328 BAGUIO	1625N	12036E	1501		851.8	1010.0	17.4		17.3		3	155				
98330 CABANATUAN	1529N	12058E	32		1008.7	1011.9	26.4		26.4		3	100				
98429 NINYO AQUINO INTER- NATIONAL	1431N	12100E	15		1009.7	1012.2	26.6	.6								
98430 SCIENCE GARDEN	1438N	12101E	46		1007.3	1012.2	25.6		26.4		4	60				
98444 LEGASPI	1308N	12344E	17		1008.8	1010.7	26.6	.5	29.8	1.3	15	303	-172			
98550 TACLOBAN	1115N	12500E	3		1009.1	1009.4	26.9	.6	29.8	1.1	17	203	-102		153	
98637 ILOILO	1042N	12234E	8		1009.7	1010.3	26.9	.1	29.8	.9	7	102	38			
98644 TAGBILARAN	0936N	12351E	8		1008.9	1009.8	27.5		29.8		11	72				
98646 MACTAN	1018N	12358E	24		1008.1	1009.5	27.4	.1	33.6	4.3	10	71	-32			
98836 ZAMBOANGA	0654N	12204E	6		1008.6	1009.4	28.4	1.0	29.8	.9	5	21	-30			

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	° C	° C	mb	mb		mm	mm		hr	
SEPTEMBER 2004																
AFRICA																
SUDAN																
62600 WADI HALFA	2149N	03129E	183		987.5	1008.0	32.1	.3	12.1		0	0	-T	0	302	90
62640 ABU HAMED	1932N	03319E	312		971.2	1005.6	35.5	.6	9.5		0	T	-1	0	271	75
62641 PORT SUDAN	1935N	03713E	2		1002.8	1007.6	32.1	.0	22.9		0	0	-T	0	273	75
62650 DONGOLA	1910N	03029E	226		981.7	1007.7	33.9	1.6	8.2		0	0	-7	0	257	70
62660 KARIMA	1833N	03151E	249		977.0	1005.7	34.9	.3	9.2		0	0	-1	0	263	70
62680 ATBARA	1742N	03358E	345		966.9	1004.7	35.6	1.3	15.4		1	3	-3	3	222	60
62721 KHARTOUM	1536N	03233E	380		963.9	1006.7	32.5	.0	21.4		2	10	-15	2		
62730 KASSALA	1528N	03624E	500				30.7	.3	20.5		4	57	17	4	277	75
62751 WAD MEDANI	1424N	03329E	408		965.1	1008.1	27.9	-1.2	22.9		5	21	-24	1	252	85
62752 GEDAREF	1402N	03524E	599		941.7	1007.9	28.2	.8	23.9		7	71	-14	2	268	75
62760 EL FASHER	1337N	02520E	730		967.5	1006.5	30.4	1.9	15.7		5	27	-8	3	237	65
62762 SENNAR	1333N	03337E	418		960.0	1006.1	30.3	1.7	23.3		3	43	-41	1	211	55
62770 GENEINA	1329N	02227E	805		922.7	1009.8	29.4	2.7	16.7		5	23	-42	2	247	70
62771 EL OBEID	1310N	03014E	574		944.3	1007.4	28.7	.4	21.2		4	32	-29	2	232	65
62772 KOSTI	1310N	03240E	381		965.4	1007.8	29.8	1.9	23.5		3	15	-47	1	232	65
62781 EN NAHUD	1242N	02826E	564		974.2	1009.7	29.5	.9	21.0		6	28	-16	1	243	65
62790 NYALA	1203N	02453E	674		938.1	1009.3	27.3	.4	20.7		4	40	-31	2		
62795 ABU NA'AMA	1244N	03408E	445		958.3	1007.8	27.6	.1	24.7		5	71	-29	2	224	60
62805 DAMAZINE	1147N	03423E	470		955.1	1007.4	26.7	.0	25.5		15	143	10	3	196	55
62810 KADUGLI	1100N	02943E	499		954.2	1010.6	27.9	1.2	25.6		8	123	25		211	60
62840 MALAKAL	0933N	03139E	388		966.1	1009.8	26.3	-.6	26.6		8	31	-93	0	169	45
62941 JUBA	0452N	03136E	457		957.2	1009.0	26.8	.0	24.1		7	25	-91	1	225	60
OCTOBER 2004																
ASIA																
INDIA																
42404 DHUBRI	2601N	08959E	35		1009.3	1013.2	24.9	-1.6	27.8		9	383	310	5		
42515 CHERRAPUNJI	2515N	09144E	1313		871.3	1526 Y	19.2	-.1	17.6		10	1917	1368	6		
42587 DALTONGANJ	2403N	08404E	221		986.3	1012.4	25.4	-.7	26.4		4	88	22	5		
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		989.3	1010.0	30.1	1.3	12.7		0	T	0	0	310	85
62640 ABU HAMED	1932N	03319E	312		973.5	1008.1	32.9	1.4	12.0		0	T	-1	0	309	85
62641 PORT SUDAN	1935N	03713E	2		1006.2	1011.0	30.3	1.0	27.5		1	11	-2	3	275	90
62650 DONGOLA	1910N	03029E	226		983.3	1009.6	31.5	2.1	8.7		0	0	-1	0	300	85
62660 KARIMA	1833N	03151E	249		978.9	1007.9	32.3	.8	10.6		0	0	-1	0	304	80
62680 ATBARA	1742N	03358E	345		968.3	1006.5	33.1	1.0	14.4		0	T	-1	4	291	75
62721 KHARTOUM	1536N	03233E	380		964.5	1007.4	33.2	.8	14.5		1	5	1	4		
62730 KASSALA	1528N	03624E	500				32.5	1.0	13.8		0	T	-9	0	299	80
62751 WAD MEDANI	1424N	03329E	408		962.9	1007.8	29.0	-1.0	16.5		1	11	-5	4	302	80
62752 GEDAREF	1402N	03524E	599		941.2	1006.9	30.0	.7	19.5		3	25	-6	4	274	75
62760 EL FASHER	1337N	02520E	730		927.8	1006.7	30.6	3.1	10.5		1	4	-3	4	271	75
62762 SENNAR	1333N	03337E	418		959.4	1005.5	30.3	.4	19.3		1	9	-4	4	277	75
62770 GENEINA	1329N	02227E	805		922.8	1009.5	30.7	4.0	9.6		2	9	0	4	279	75
62771 EL OBEID	1310N	03014E	574		944.3	1007.5	30.4	1.0	13.6		1	10	-4	3	271	75
62772 KOSTI	1310N	03240E	381		965.0	1007.0	31.3	2.0	20.6		0	T	-10	0	277	75
62781 EN NAHUD	1242N	02826E	564		947.0	1008.7	30.4	1.2	15.4		3	24	11	4	286	80
62790 NYALA	1203N	02453E	674		938.0	1008.7	28.8	1.1	13.6		3	35	17	5		
62795 ABU NA'AMA	1244N	03408E	445		955.7	1006.9	28.9	.0	22.0		2	33	0	4	278	75
62805 DAMAZINE	1147N	03423E	470		954.2	1006.5	27.9	-.3	24.1		2	44	-1	4	275	90
62810 KADUGLI	1100N	02943E	499		954.2	1009.4	30.3	2.6	21.3		7	67	6	4	227	60
62840 MALAKAL	0933N	03139E	388		965.3	1008.7	27.8	.1	25.0		4	45	-30	2	198	55
62941 JUBA	0452N	03136E	457		956.1	1007.6	27.9	.4	24.5		9	93	-8	3	227	60
NOVEMBER 2004																
ASIA																
PAKISTAN																
41749 NAWABSHAH	2615N	06822E	38		1011.5	1015.0	22.4	.5	11.9		0	0	-1	4	235	85
INDIA																
42404 DHUBRI	2601N	08959E	35		1011.3	1015.3	21.8	-.6	21.7		1	9	3	4		
42515 CHERRAPUNJI	2515N	09144E	1313		871.7	1526 Y	16.0	-.4	12.7		0	T	-72	1		
43192 GOA/PANJIM	1529N	07349E	60		1004.7	1011.5	28.2	.6	25.4		2	60	25	5	238	88
AFRICA																
SUDAN																
62600 WADI HALFA	2149N	03129E	183		992.1	1013.0	24.4	1.9	11.3		0	0	0	5	312	95
62640 ABU HAMED	1932N	03319E	312		975.1	1010.4	27.3	1.2	10.2		0	0	-1	0	309	90
62641 PORT SUDAN	1935N	03713E	2		1008.0	1012.7	27.9	.6	23.3		0	T	-35	0	206	60
62650 DONGOLA	1910N	03029E	226		985.7	1012.7	24.7	1.2	7.9		0	0	-1	5	313	100
62660 KARIMA	1833N	03151E	249		981.3	1011.1	26.9	1.3	8.7		0	0	-T	5	318	95
62680 ATBARA	1742N	03358E	345		969.7	1008.5	28.6	1.2	14.0		0	0	0	5	305	90

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	
62721 KHARTOUM	1536N	03233E	380		966.1	1009.6	29.3	1.2	10.5		0	0	-1	5		
62730 KASSALA	1528N	03624E	500				31.2	2.0	13.5		0	T	-1	0	298	85
62751 WAD MEDANI	1424N	03329E	408		963.7	1008.9	27.0	-.3	13.0		0	0	-1	0	313	90
62752 GEDAREF	1402N	03524E	599		941.0	1006.5	30.3	1.4	13.9		0	0	-3	0	261	80
62760 EL FASHER	1337N	02520E	730		929.3	1009.5	24.5	1.5	7.1		0	0	-T	5	312	90
62762 SENNAR	1333N	03337E	418		960.1	1006.7	27.7	.2	18.6		0	0	-1	0	304	85
62770 GENEINA	1329N	02227E	805		923.3	1010.9	25.2	1.2	5.8		0	0	-1	5	310	90
62771 EL OBEID	1310N	03014E	574		945.4	1008.9	26.2	.3	8.0		0	0	-1	0	304	85
62772 KOSTI	1310N	03240E	381		965.7	1008.0	29.4	1.8	14.9		0	0	-2	0	309	90
62781 EN NAHUD	1242N	02826E	564		948.2	1010.6	27.5	1.6	8.2		0	0	-T	0	315	85
62790 NYALA	1203N	02453E	674		939.0	1010.6	26.3	-.2	6.9		0	0	-T	5		
62795 ABU NA'AMA	1244N	03408E	445		957.5	1006.4	30.1	1.8	13.5		0	0	-1	0	298	85
62805 DAMAZINE	1147N	03423E	470		953.9	1007.0	28.9	1.0	14.9		0	T	-2	0	242	80
62810 KADUGLI	1100N	02943E	499		954.3	1009.1	30.4	2.9	12.2		0	0	-1	0	293	85
62840 MALAKAL	0933N	03139E	388		965.1	1007.8	28.7	1.2	15.4		0	T	-4	0	232	70
62941 JUBA	0452N	03136E	457		956.0	1007.5	27.9	.3	23.1		6	97	51	5	205	60
BENIN																
65306 KANDI	1108N	00256E	292		976.8	1009.3	28.4	1.9	18.9	4.0	1	2	1	5	261	93
65335 SAVE	0802N	00228E	200		987.2	1009.5	28.1	.1	29.5	5.2	2	11	-2	4	231	105
65338 BOHICON	0710N	00204E	167		991.6	1010.4	27.7	-.7	30.0	2.5	3	32	10	4	247	107
65344 COTONOU	0621N	00223E	9		1009.2	1010.3	28.4	.8	31.8	1.5	3	61	20	4	219	90
ANTARCTICA																
UNITED KINGDOM (ANTARCTIC)																
89022 HALLEY	7530S	02639W	30		986.4	990.3	-14.1		1.7						318	115
UKRAINE (ANTARCTIC)																
89063 VERNADSKY	6515S	06416W	11		991.2	992.5	-1.5		5.0							
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48674 MERSING	0227N	10350E	45		1005.6	1010.5	26.7	1.1	30.5	1.6	20	33	-342	2		

UPPER AIR

DECEMBER 2004

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 - NORWAY JAN MAYEN 01001 DEC 2004 7056N 00840W OB 3								EUROPE - NORWAY BJORNOYA 01028 DEC 2004 7431N 01901E OB 3								EUROPE - NORWAY BODO 01152 DEC 2004 6715N 01424E OB 3										
030	22909	12	-70.3	22.4	9	93	270	29	030	22607	7	-75.1	21.9	7	85	281	28	030	22826	3	-72.9	21.6	3	91	275	30
050	19613	0	-69.3	21.1	0	95	259	26	050	19575	5	-70.8	22.6	5	89	277	24	050	19776	0	-68.0	22.4	0	91	273	24
100	15375	0	-62.0	23.1	0	94	256	20	100	15351	0	-63.8	23.2	0	85	262	16	100	15536	0	-61.2	23.6	0	92	273	20
150	12845	0	-58.3	22.9	0	89	252	18	150	12842	0	-60.0	23.0	0	80	258	13	150	12998	0	-58.2	23.2	0	91	273	20
200	11031	0	-57.0	20.5	0	86	250	17	200	11038	0	-59.8	20.6	0	72	250	12	200	11189	0	-58.2	19.5	0	85	270	19
300	8461	0	-55.0	13.1	0	70	243	14	300	8495	0	-55.9	13.1	0	52	236	10	300	8621	0	-53.9	12.6	0	75	270	20
500	5068	0	-34.9	8.8	0	58	244	9	500	5091	0	-33.5	10.4	0	53	220	8	500	5191	0	-31.9	8.4	0	79	263	15
700	2641	0	-18.8	9.1	0	44	255	6	700	2649	0	-17.3	10.4	0	41	220	5	700	2733	0	-15.4	9.8	0	82	259	13
850	1172	0	-11.2	3.9	0	18	319	3	850	1168	0	-8.4	4.8	0	31	216	4	850	1241	0	-6.2	3.2	0	80	245	10
987	* 9		-3.5	2.6					984	* 18		-1.6	1.8					990	* 33		1.4	3.4				
EUROPE - NORWAY ORLAND 01241 DEC 2004 6342N 00936E OB 3								EUROPE - NORWAY STAVANGER/SOLA 01415 DEC 2004 5852N 00540E OB 3								EUROPE - SWEDEN SUNDSVALL-HARNOSAND FPL 02365 DEC 2004 6232N 01727E OB 3										
030	22982	2	-70.5	17.9	2	91	276	27	030	23191	0	-67.9	19.6	1	90	277	20	030	23091	18	-69.7	25.7	9	90	283	22
050	19910	0	-66.3	19.1	0	93	275	23	050	20087	0	-64.6	20.1	1	94	278	18	050	19939	8	-66.0	26.6	8	90	276	22
100	15646	0	-60.8	20.3	0	94	276	22	100	15814	0	-60.5	20.0	1	94	280	16	100	15681	6	-60.3	28.1	6	89	280	19
150	13108	0	-58.1	19.7	0	92	275	22	150	13276	0	-59.6	17.9	1	91	282	20	150	13138	6	-58.0	27.2	6	88	281	20
200	11298	0	-58.5	16.9	0	89	275	25	200	11483	0	-60.0	14.0	0	84	286	23	200	11330	6	-58.5	22.1	6	86	283	23
300	8730	0	-52.8	10.8	0	81	274	27	300	8906	0	-50.3	11.1	0	76	283	23	300	8764	5	-52.7	14.2	5	78	284	23
500	5269	0	-30.1	8.7	0	81	273	19	500	5401	0	-26.2	9.8	0	79	278	18	500	5297	5	-29.2	13.2	5	82	280	16
700	2794	0	-13.7	5.8	0	90	268	16	700	2889	0	-10.7	9.2	0	82	276	13	700	2810	5	-13.2	9.9	5	75	282	10
850	1291	0	-4.2	3.4	0	85	259	13	850	1373	0	1.9	12.9	0	70	269	9	850	1302	5	-3.8	8.8	5	66	286	9
997	* 10		3.5	3.3					1003	* 14		5.0	2.2					1006	* 6		-4.4	1.3				
EUROPE - SWEDEN GOTEBOG/LANDVETTER 02527 DEC 2004 5740N 01218E OB 3								EUROPE - UNITED KINGDOM LERWICK 03005 DEC 2004 6008N 00111W OB 3								EUROPE - UNITED KINGDOM CAMBORNE 03808 DEC 2004 5013N 00519W OB 3										
030	23167	19	-67.6	26.6	9	93	267	24	030	23146	3	-68.3	19.4	4	93	273	23	030	23436	0	-65.7	25.3	0	86	283	14
050	20104	5	-64.4	25.1	5	90	276	19	050	20040	2	-65.1	19.5	2	95	276	23	050	20326	0	-64.4	25.1	0	89	290	12
100	15824	0	-60.7	25.2	1	91	282	16	100	15777	1	-60.2	19.4	1	94	277	23	100	16055	0	-61.4	23.0	0	88	300	14
150	13294	0	-59.3	22.6	0	88	285	18	150	13246	0	-58.3	16.2	0	91	276	24	150	13537	0	-60.8	17.6	0	81	310	16
200	11498	0	-60.1	16.9	0	80	290	21	200	11436	0	-59.1	11.9	0	85	279	30	200	11753	0	-60.6	12.9	0	66	319	18
300	8922	0	-50.4	12.3	0	72	293	19	300	8861	0	-50.6	8.6	0	78	274	28	300	9166	0	-47.4	12.4	0	64	319	18
500	5417	0	-26.3	11.8	0	79	284	15	500	5359	0	-26.5	9.7	0	82	267	22	500	5598	0	-21.3	16.1	0	69	306	13
700	2900	0	-10.2	11.3	0	83	277	12	700	2850	0	-10.9	10.6	0	84	263	16	700	3037	0	-5.4	18.5	0	63	292	8
850	1379	0	-2.2	7.2	0	79	269	11	850	1333	0	-2.4	2.9	0	85	261	14	850	1490	0	2.0	8.7	0	64	289	7
1000	* 155		4.2	1.0					993	* 84		5.6	2.8					1010	* 88		8.6	2.8				

UPPER AIR

DECEMBER 2004

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 - IRELAND VALENTIA OBSERVATORY 03953 DEC 2004 5156N 01015W OB 3								EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 DEC 2004 6358N 02236W OB 3								EUROPE - GREENLAND DANMARKSHAVN 04320 DEC 2004 7646N 01840W OB 3										
030	23421	0	-66.2	26.6	0	90	280	16	030			-65.9	25.4	0	96	261	29	030	22329	0	-76.8	19.5	4	93	252	24
050	20315	0	-64.6	27.1	0	91	285	15	050	19876	0	-59.1	27.7	0	94	257	27	050	19366	0	-72.7	21.3	4	95	245	21
100	16049	0	-61.4	26.8	0	90	291	17	100	15607	0	-59.1	27.7	0	94	257	27	100	15205	0	-64.2	24.6	5	99	240	16
150	13532	0	-61.3	22.2	0	84	293	21	150	13046	0	-55.8	28.1	0	90	257	27	150	12704	0	-60.1	25.1	4	94	235	13
200	11752	0	-61.3	15.3	0	77	297	24	200	11213	0	-54.9	24.7	0	87	256	29	200	10907	0	-58.7	21.5	4	85	230	11
300	9166	0	-47.0	12.3	0	70	297	23	300	8609	0	-51.2	16.9	0	83	252	29	300	8369	0	-58.6	10.2	3	50	222	8
500	5586	0	-20.9	16.0	0	75	286	18	500	5162	0	-32.1	10.6	0	76	247	18	500	5025	0	-38.4	9.0	3	15	250	2
700	3022	0	-5.2	16.7	0	76	275	14	700	2709	0	-16.5	8.5	0	67	241	11	700	2636	0	-23.5	10.2	4	46	342	4
850	1476	0	1.2	5.3	0	71	269	11	850	1222	0	-6.9	5.5	0	53	233	8	850	1203	0	-19.4	8.0	4	66	343	7
1015	* 30		9.4	2.7					987	* 54		.2	4.8					998	* 12		-20.3	4.3				
EUROPE - GREENLAND ILLOQQORTOORMIUT (SCORESBYSU) 04339 DEC 2004 7029N 02157W OB 3								EUROPE - GREENLAND TASIILAQ (AMASSALIK) 04360 DEC 2004 6536N 03738W OB 3								EUROPE - NETHERLANDS DE BILT 06260 DEC 2004 5206N 00511E OB 1										
030	22623	0	-73.3	16.8	3	92	261	30	030			-65.2	20.8	4	99	246	28	030	23384	14	-65.2	21.2	9	86	276	15
050	19570	0	-69.4	18.8	0	98	253	26	050	19772	0	-65.2	20.8	4	99	246	28	050	20266	3	-63.8	21.7	3	85	283	13
100	15355	0	-61.4	22.0	0	93	250	22	100	15462	0	-59.1	22.9	2	94	243	25	100	15982	1	-60.7	21.8	1	85	292	13
150	12822	0	-57.9	22.9	1	90	246	20	150	12901	0	-56.2	23.3	2	94	243	24	150	13455	1	-60.2	18.7	1	78	301	13
200	11002	0	-56.5	20.9	0	89	246	18	200	11070	0	-55.5	21.0	2	90	243	23	200	11668	1	-61.1	13.1	1	64	304	15
300	8429	0	-55.6	11.8	1	75	245	16	300	8482	0	-54.6	11.1	1	77	239	19	300	9085	0	-48.9	11.3	2	51	305	13
500	5059	0	-36.9	6.7	0	51	236	7	500	5084	0	-35.2	7.8	1	59	236	8	500	5542	0	-23.3	15.5	0	60	290	10
700	2652	0	-21.8	7.7	4	31	291	4	700	2668	0	-20.4	7.7	1	24	196	3	700	2997	0	-7.1	16.4	1	72	279	8
850	1207	0	-16.7	6.4					850	1205	0	-11.8	7.0	2	37	82	3	850	1460	0	.3	9.5	0	71	278	7
988	* 69		-11.8	4.5					987	* 52		-6.1	2.9					1018	* 15		3.2	1.1				
EUROPE - SWITZERLAND PAYERNE 06610 DEC 2004 4649N 00657E OB 3								EUROPE - FRANCE NANCY/ESSEY 07180 DEC 2004 4841N 00613E OB 3								EUROPE - FRANCE AJACCIO 07761 DEC 2004 4155N 00848E OB 3										
030	23455	0	-64.0		0	81	271	11	030									030								
050	20324	0	-63.6		0	83	279	11	050	20322	6	-62.5		6	76	286	10	050	20392	3	-62.1		6	75	280	8
100	16038	0	-60.6		0	74	292	9	100	16033	1	-60.3		1	77	302	10	100	16097	1	-60.2		2	70	274	10
150	13504	0	-58.9		0	55	303	8	150	13493	0	-59.3		1	70	312	11	150	13552	1	-57.3		2	53	287	9
200	11703	0	-59.4	11.3	0	38	324	8	200	11698	0	-59.8		0	44	328	9	200	11736	1	-57.3		1	33	295	7
300	9119	0	-48.9	11.5	0	28	327	7	300	9112	0	-48.3		0	31	338	7	300	9140	1	-48.6		1	18	358	4
500	5574	0	-23.0	13.8	0	23	298	4	500	5568	0	-23.1	15.5	0	25	321	4	500	5587	1	-22.1	14.9	1	8	315	1
700	3026	0	-6.5	12.9	0	18	282	2	700	3020	0	-6.3	18.3	0	29	307	3	700	3025	1	-4.9	11.7	1	14	281	2
850	1486	0	.8	8.3	0	21	227	2	850	1480	0	1.0	10.7	0	28	283	3	850	1475	1	3.6	7.2	1	13	349	1
962	* 491		.9	2.0					995	* 217		.6	1.2					1015	* 9		13.3	5.2				

UPPER AIR

DECEMBER 2004

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 - SPAIN LA CORUNA 08001 DEC 2004 4322N 00825W OB 3									EUROPE - SPAIN SANTANDER 08023 DEC 2004 4328N 00348W OB 3									EUROPE - SPAIN MADRID/BARAJAS 08221 DEC 2004 4030N 00335W OB 3								
030	23362	22	-65.9	16.5	9	87	287	6	030	23537	11	-64.0		9	81	289	5	030	23579	3	-62.6	29.0	3	86	282	9
050	20227	12	-65.3	18.3	9	79	317	4	050	20407	0	-63.4		1	80	299	4	050	20431	2	-63.3	27.8	6	81	303	7
100	16000	8	-63.9	18.1	8	74	327	5	100	16131	0	-61.3		1	80	319	5	100	16163	2	-61.8	26.8	5	78	308	9
150	13503	8	-62.3	20.0	8	69	337	7	150	13585	0	-60.0		3	69	336	5	150	13636	2	-59.3	24.1	4	70	324	12
200	11729	8	-61.4	14.6	9	66	351	8	200	11782	0	-59.0		2	66	347	7	200	11829	2	-57.7	19.1	3	64	342	13
300	9108	5	-48.1	12.8	7	63	360	8	300	9187	0	-47.4	18.5	1	55	358	6	300	9227	2	-47.0	14.1	2	53	349	11
500	5569	5	-23.3	17.2	6	64	358	6	500	5628	0	-20.7	20.5	0	63	356	5	500	5645	2	-19.9	16.4	3	47	351	7
700	3029	5	-7.9	16.1	9	57	356	4	700	3051	0	-4.9	18.2	1	50	347	3	700	3067	2	-3.8	13.5	2	45	26	5
850	1496	3	-2.2	7.2	6	51	360	3	850	1510	0	2.1	7.1	1	59	308	3	850	1515	2	3.6	6.9	3	40	49	3
1015	* 67		11.0	3.5					1016	* 59		11.0	3.4					947	* 633		7.9	5.7				
EUROPE - SPAIN MURCIA 08430 DEC 2004 3800N 00110W OB 3									EUROPE - GIBRALTAR GIBRALTAR 08495 DEC 2004 3609N 00520W OB 3									EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 08579 DEC 2004 3846N 00908W OB 3								
030	23603	22	-61.2	29.3	9	88	269	5	030	23622	0	-60.6	24.9	0	87	270	9	030	23617	2	-61.9	27.4	8	91	284	4
050	20441	4	-62.9	28.3	9	81	286	4	050	20464	0	-63.2	23.1	0	82	297	6	050	20476	2	-63.4	27.2	7	81	303	3
100	16170	3	-61.4	28.2	9	68	294	4	100	16198	0	-61.9	22.0	0	80	295	10	100	16219	2	-62.4	26.1	7	72	323	4
150	13635	0	-57.5	26.9	9	58	301	5	150	13670	0	-58.3	20.9	0	63	297	10	150	13699	2	-59.4	25.2	7	68	339	6
200	11816	0	-56.3	22.6	7	44	321	5	200	11854	0	-56.5	17.1	0	51	320	11	200	11895	2	-57.8	20.7	7	68	356	7
300	9207	0	-47.4	15.1	6	32	353	4	300	9237	0	-46.4	14.2	0	42	341	10	300	9286	2	-45.8	15.9	7	61	358	7
500	5634	0	-20.5	13.9	4	37	353	3	500	5651	0	-19.6	15.9	0	37	349	6	500	5688	2	-19.1	16.7	7	61	358	5
700	3061	0	-4.3	11.9	5	31	18	2	700	3069	0	-2.9	16.0	0	28	336	3	700	3097	2	-2.1	16.0	7	59	15	4
850	1509	0	3.2	7.1	8	40	22	2	850	1509	0	4.7	9.6	0	22	22	2	850	1532	2	5.4	9.3	7	55	43	3
1013	* 62		12.3	6.6					1019	* 4		14.0	4.3					1010	* 105		12.2	5.4				
EUROPE - GERMANY SCHLESWIG 10035 DEC 2004 5432N 00933E OB 3									EUROPE - GERMANY GREIFSWALD 10184 DEC 2004 5406N 01324E OB 3									EUROPE - GERMANY EMDEN-FLUGPLATZ 10200 DEC 2004 5323N 00714E OB								
030	23316	0	-66.0		2	88	277	17	030	23316	0	-66.4		0	89	275	18	030	23344	0	-65.9	27.8	0	88	276	17
050	20201	0	-64.0		2	89	280	16	050	20196	0	-63.5		0	86	282	15	050	20229	0	-64.0	28.5	0	90	284	15
100	15917	0	-60.5	29.0	2	89	285	15	100	15912	0	-60.3	28.8	0	86	288	14	100	15945	0	-60.9	27.9	0	86	289	14
150	13386	0	-60.2	25.1	2	83	292	17	150	13377	0	-59.5	23.8	0	81	294	15	150	13415	0	-60.4	23.5	0	82	297	14
200	11598	0	-60.8	19.0	2	73	296	19	200	11585	0	-60.6	17.9	0	71	299	17	200	11629	0	-60.9	16.3	0	66	296	16
300	9020	0	-49.5	14.8	2	64	295	18	300	9009	0	-49.8	13.5	0	64	294	17	300	9050	0	-49.2	13.0	0	57	295	15
500	5494	0	-24.7	14.6	2	74	287	14	500	5487	0	-24.9	14.9	0	72	288	13	500	5514	0	-23.8	14.8	0	69	292	12
700	2962	0	-8.3	18.8	2	82	280	12	700	2957	0	-8.7	15.9	0	78	284	10	700	2974	0	-7.9	16.2	0	78	278	9
850	1433	0	-.9	13.1	2	80	275	11	850	1429	0	-.9	10.8	0	76	281	10	850	1442	0	-.3	10.6	0	73	272	9
1010	* 48		3.1	.8					1015	* 6		3.6	1.5					1016	* 5		3.4	1.2				

UPPER AIR

DECEMBER 2004

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 BERGEN 10238 DEC 2004 5249N 00956E OB									EUROPE - GERMANY LINDENBERG 10393 DEC 2004 5213N 01407E OB 3									EUROPE - GERMANY ESSEN 10410 DEC 2004 5124N 00658E OB 3								
030	23351	0	-65.3		2	85	272	16	030	23362	0	-65.5	29.1	0	86	275	17	030	23389	1	-65.5	28.6	1	84	278	16
050	20223	0	-63.2		2	88	276	15	050	20237	0	-63.1	30.0	0	86	279	13	050	20272	0	-63.6	28.8	1	86	287	14
100	15939	0	-60.5	10.0	2	84	288	13	100	15943	0	-60.3	29.8	0	82	288	13	100	15989	0	-60.5	28.8	0	84	294	13
150	13408	0	-59.6	9.4	2	81	291	14	150	13408	0	-59.6	24.6	0	75	293	13	150	13458	0	-60.4	23.5	0	73	305	12
200	11622	0	-60.8	9.1	2	64	299	14	200	11618	0	-61.0	15.5	0	66	301	15	200	11671	0	-60.8	16.7	0	58	310	13
300	9046	0	-49.1	9.4	2	58	293	15	300	9043	0	-49.6	12.8	0	56	296	13	300	9092	0	-48.9	12.3	0	45	301	11
500	5512	0	-24.1	10.6	2	74	289	12	500	5516	0	-24.3	12.4	0	66	283	11	500	5548	0	-23.3	16.2	0	57	293	9
700	2977	0	-7.9	13.0	2	75	281	9	700	2980	0	-8.2	13.7	0	72	283	8	700	3003	0	-7.0	18.7	0	66	281	7
850	1448	0	-.6	9.2	2	75	272	9	850	1450	0	-.8	10.3	0	73	277	8	850	1467	0	-.4	13.2	0	55	269	5
1009	* 69		2.2	1.8					1004	* 104		1.6	1.7					1001	* 153		2.1	1.5				
EUROPE - GERMANY MEININGEN 10548 DEC 2004 5034N 01023E OB 3									EUROPE - GERMANY STUTTGART/SCHNARRENBERG 10739 DEC 2004 4850N 00912E OB 3									EUROPE - GERMANY MUENCHEN-OBERSCHLEISSHEIM 10868 DEC 2004 4815N 01133E OB 3								
030	23404	0	-64.9		0	84	276	14	030	23444	0	-64.4	27.7	0	84	274	13	030	23466	0	-64.0	27.1	0	84	268	13
050	20272	0	-63.2		0	85	283	12	050	20308	0	-63.0	28.1	0	81	287	10	050	20323	0	-62.4	27.7	0	82	281	11
100	15983	0	-60.3	27.8	0	81	294	12	100	16017	0	-60.1	28.2	0	75	291	10	100	16022	0	-59.9	27.5	0	75	292	10
150	13449	0	-59.6	22.9	0	73	303	11	150	13481	0	-59.5	24.0	0	66	304	10	150	13484	0	-59.1	23.3	0	62	298	9
200	11661	0	-60.9	16.3	0	53	307	10	200	11692	0	-60.3	16.8	0	42	323	8	200	11691	0	-60.5	16.0	0	37	313	7
300	9083	0	-49.1	14.0	0	42	306	9	300	9111	0	-49.0	13.1	0	27	315	6	300	9109	0	-49.3	12.4	0	27	292	6
500	5545	0	-23.6	15.6	0	56	284	8	500	5570	0	-23.4	12.5	0	37	286	5	500	5568	0	-23.3	14.8	0	39	271	5
700	3002	0	-7.2	19.7	0	59	280	6	700	3023	0	-6.5	16.3	0	34	282	3	700	3020	0	-6.5	16.5	0	49	262	5
850	1466	0	.0	13.5	0	47	264	4	850	1483	0	.6	10.8	0	27	260	3	850	1480	0	1.1	12.7	0	48	260	4
965	* 453		-1.1	.9					982	* 315		1.0	2.0					962	* 489		-.7	1.8				
EUROPE - AUSTRIA WIEN/HOHE WARTE 11035 DEC 2004 4814N 01621E OB 3									EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 DEC 2004 5000N 01427E OB 3									EUROPE - SLOVAKIA POPRAD-GANOVCE 11952 DEC 2004 4902N 02019E OB 3								
030	23447	4	-63.5		4	88	268	13	030	23404	0	-64.3	26.9	0	86	274	14	030	23405	0	-64.2	28.1	0	86	269	14
050	20302	0	-62.2		0	81	278	11	050	20271	0	-62.7	27.7	0	82	280	12	050	20265	0	-62.3	29.0	0	84	281	12
100	16002	0	-59.8		0	75	290	10	100	15977	0	-60.1	27.4	0	78	292	11	100	15965	0	-60.0	29.0	0	77	289	11
150	13462	0	-59.5		0	67	290	10	150	13442	0	-59.6	22.2	0	71	297	12	150	13427	0	-59.3	24.0	0	68	291	11
200	11672	0	-60.8		0	51	304	10	200	11654	0	-61.0	14.9	0	57	304	12	200	11636	0	-61.2	15.2	0	56	303	13
300	9102	0	-49.8		0	41	288	8	300	9081	0	-49.5	11.4	0	45	296	10	300	9072	0	-50.4	11.0	0	50	299	12
500	5565	0	-23.2	13.3	0	50	280	7	500	5548	0	-23.6	13.3	0	59	280	9	500	5546	0	-23.7	13.7	0	59	291	10
700	3017	0	-6.4	14.6	0	56	282	6	700	3006	0	-7.1	15.2	0	68	283	7	700	3003	0	-7.1	13.8	0	60	282	7
850	1479	0	.7	11.3	0	54	279	5	850	1471	0	.1	9.8	1	62	269	6	850	1471	0	-1.2	7.4	0	78	253	5
997	* 200		1.9	3.5					984	* 303		.8	2.3					936	* 706		-1.4	2.7				

UPPER AIR

DECEMBER 2004

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
EUROPE - POLAND LEBA 12120 DEC 2004 5445N 01732E OB 3									EUROPE - YUGOSLAVIA BEOGRAD/KOSUTNJAK 13275 DEC 2004 4446N 02025E OB 1									EUROPE - CROATIA ZAGREB/MAKSIMIR 14240 DEC 2004 4549N 01602E OB 3										
030	23294	0	-65.9	26.0	0	88	275	18	030									030	23495	1	-62.5			1	88	267	14	
050	20177	0	-63.4	27.0	0	86	279	15	050									050	20341	0	-61.6			0	86	271	11	
100	15885	0	-59.9	27.1	0	84	287	14	100	16031	1	-60.0			1	82	286	12	100	16036	0	-59.6			0	80	280	11
150	13348	0	-59.1	23.8	0	81	292	15	150	13491	0	-59.0			0	78	285	14	150	13495	0	-58.8			0	67	285	11
200	11549	0	-60.2	16.2	0	73	300	18	200	11697	0	-60.6			0	58	285	13	200	11699	0	-60.1			0	44	289	9
300	8975	0	-50.1	11.6	0	68	301	18	300	9128	0	-50.0			1	42	281	9	300	9129	0	-49.7			0	31	281	7
500	5462	0	-25.2	11.9	0	71	291	14	500	5587	0	-22.5	15.4	0	58	270	8	500	5586	0	-22.2	15.1	0	26	264	4		
700	2938	0	-9.1	12.8	0	80	283	11	700	3034	0	-6.3	11.7	0	49	279	5	700	3030	0	-6.1	12.7	0	25	252	3		
850	1415	0	-1.6	8.0	0	77	280	10	850	1493	0	1.2	10.3	0	33	276	3	850	1489	0	1.2	10.6	0	13	198	1		
1013	* 2		3.3	1.7					997	* 203		2.7	2.4					1007	* 128		2.5	2.8						
EUROPE - ROMANIA CLUJ-NAPOCA 15120 DEC 2004 4647N 02334E OB 1									EUROPE - ROMANIA BUCURESTI/IMH 15420 DEC 2004 4430N 02608E OB 1									EUROPE - BULGARIA SOFIA (OBSERV.) 15614 DEC 2004 4239N 02323E OB 0										
030									030									030	23508	12	-60.9	23.9	9	89	269	12		
050	20304	7	-62.3	24.2	7	80	288	9	050	20345	7	-61.8	28.5	8	87	279	11	050	20355	1	-61.7	23.6	1	88	274	11		
100	15993	1	-60.0	24.1	1	79	286	12	100	16041	5	-60.2	27.7	6	83	283	13	100	16057	0	-60.3	23.3	0	87	282	14		
150	13456	1	-59.4	21.6	1	74	291	13	150	13496	1	-59.0	24.4	2	81	285	16	150	13520	0	-59.2	21.2	1	79	282	15		
200	11662	1	-61.0	14.2	1	61	295	14	200	11708	0	-61.6	13.9	0	72	287	17	200	11728	0	-60.8	14.6	0	72	278	17		
300	9099	1	-50.2	10.9	1	47	294	12	300	9147	0	-50.1	10.4	0	62	283	15	300	9061	0	-49.4	11.0	0	50	272	11		
500	5580	1	-23.6	16.5	1	62	285	10	500	5610	0	-22.8	13.9	0	61	280	10	500	5607	0	-21.3	13.3	0	57	265	8		
700	3016	1	-6.8	15.0	1	66	290	7	700	3055	0	-6.6	11.7	0	62	291	6	700	3043	0	-5.2	10.8	0	54	272	6		
850	1492	1	-5	8.2	1	63	273	5	850	1517	0	.6	9.6	0	48	292	4	850	1498	0	1.2	7.3	0	28	278	1		
972	* 413		-8	1.6					1013	* 91		1.0	2.4					952	* 595		4.0	4.3						
EUROPE - ITALY PRATICA DI MARE 16245 DEC 2004 4139N 01226E OB 3									EUROPE - ITALY TRAPANI/BIRGI 16429 DEC 2004 3755N 01230E OB 3									EUROPE - ITALY CAGLIARI/ELMAS 16560 DEC 2004 3915N 00904E OB /										
030	23522	10	-62.2	23.0	9	85	279	11	030	23587	13	-60.1	25.4	9	93	254	14	030	23582	1	-56.3	33.7	1	92	270	12		
050	20368	5	-62.4	21.9	6	84	272	10	050	20410	6	-61.8	23.7	6	91	268	11	050	20413	0	-58.4	31.6	1	86	275	9		
100	16080	2	-60.5	21.4	4	80	274	12	100	16131	3	-61.1	22.4	3	91	266	15	100	16123	0	-57.3	31.0	0	82	272	12		
150	13540	2	-57.9	20.9	4	68	274	12	150	13596	3	-58.1	22.2	3	86	268	20	150	13583	0	-53.8	31.5	0	73	264	14		
200	11726	2	-57.7	15.6	6	40	278	10	200	11780	3	-56.7	18.1	3	77	263	21	200	11754	0	-53.2	26.8	0	54	261	13		
300	9137	2	-49.1	10.4	5	20	268	5	300	9167	3	-47.4	12.3	3	54	262	13	300	9150	0	-48.2	13.2	0	26	255	7		
500	5594	1	-22.2	11.6	3	24	228	4	500	5609	3	-21.6	12.6	4	41	249	7	500	5597	0	-21.8	15.6	0	29	241	4		
700	3034	1	-4.9	9.0	2	35	203	4	700	3043	3	-4.3	8.0	5	52	224	6	700	3032	0	-4.5	12.0	0	35	245	4		
850	1478	0	3.9	4.4	0	53	185	5	850	1488	3	4.4	5.6	4	46	208	5	850	1477	0	4.1	5.5	0	23	263	3		
1012	* 32		10.6	3.2					1016	* 14		13.4	3.4					1016	* 5		12.9	2.5						

UPPER AIR

DECEMBER 2004

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 - TURKEY SAMSUN 17030 DEC 2004 4117N 03618E OB 3									EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 DEC 2004 4058N 02905E OB 3									EUROPE - TURKEY ANKARA/CENTRAL 17130 DEC 2004 3957N 03253E OB 3								
030	23541	2	-59.2	30.0	2	95	268	18	030	23588	0	-59.6	30.0	3	97	268	48	030	23611	1	-59.2	30.8	1	95	266	45
050	20342	0	-60.4	29.4	1	96	274	13	050	20413	0	-61.3	29.6	2	95	271	34	050	20426	1	-61.3	30.0	1	95	267	38
100	16023	0	-59.8	27.6	0	95	283	15	100	16118	0	-61.5	27.6	3	90	270	28	100	16128	1	-61.1	26.1	1	94	270	35
150	13481	0	-58.3	22.8	4	90	290	18	150	13595	0	-60.0	22.3	1	92	273	33	150	13611	0	-59.8	21.8	0	89	274	37
200	11678	0	-59.8	15.6	2	80	293	20	200	11800	0	-59.7	15.5	2	82	282	32	200	11814	0	-59.5	14.2	0	84	277	36
300	9112	0	-50.5	11.4	0	71	300	17	300	9204	0	-46.7	12.8	1	75	273	26	300	9220	0	-46.8	12.1	0	71	278	27
500	5581	0	-23.5	15.3	0	72	290	12	500	5626	0	-20.4	14.0	0	55	277	16	500	5634	0	-20.1	13.3	0	62	276	16
700	3043	0	-8.2	11.2	0	78	280	8	700	3050	0	-4.0	13.4	0	49	265	10	700	3059	0	-4.0	9.1	0	53	274	8
850	1509	0	1.2	11.1	0	75	275	6	850	1494	0	4.8	8.4	0	44	233	7	850	1501	0	4.5	6.6	0	31	245	3
1022	* 4		7.9	7.6					1013	* 33		11.3	5.5					916	* 891		5.2	5.5				
EUROPE - TURKEY IZMIR/GUZELYALT 17220 DEC 2004 3826N 02710E OB 3									EUROPE - TURKEY ISPARTA 17240 DEC 2004 3745N 03033E OB 3									EUROPE - TURKEY DIYARBAKIR 17280 DEC 2004 3753N 04012E OB 3								
030	23644	2	-58.2	29.7	5	98	270	43	030	23665	0	-57.9	31.5	0	95	269	40	030	23659	4	-57.4	31.4	4	95	265	40
050	20454	2	-60.9	28.1	5	98	270	39	050	20472	0	-61.0	30.6	0	94	274	34	050	20464	4	-61.7	30.2	4	95	266	34
100	16168	1	-62.1	28.2	2	96	271	37	100	16180	0	-62.2	26.7	0	95	268	37	100	16169	2	-61.5	29.4	2	95	268	42
150	13649	1	-60.0	25.9	1	95	275	42	150	13665	0	-59.8	22.8	0	93	273	42	150	13646	1	-59.2	26.9	1	91	264	46
200	11850	1	-59.1	17.4	1	91	276	42	200	11866	0	-59.4	14.1	0	88	277	43	200	11840	1	-58.6	16.1	1	87	270	46
300	9245	1	-45.5	17.5	1	83	280	32	300	9260	0	-45.4	12.4	0	78	274	34	300	9242	0	-46.3	13.2	0	72	269	29
500	5646	1	-19.3	15.0	1	68	280	21	500	5656	0	-18.5	13.7	0	68	278	18	500	5651	0	-19.1	16.3	0	70	256	16
700	3059	1	-2.4	13.4	1	44	266	9	700	3066	0	-2.9	9.0	0	43	279	8	700	3067	0	-3.5	8.0	0	67	245	9
850	1494	1	6.4	11.0	1	24	223	4	850	1502	0	5.6	5.8	0	26	76	3	850	1504	0	6.3	6.6	0	18	141	2
1014	* 29		12.9	6.5					904	* 997		4.8	3.6					940	* 677		6.8	2.8				
EUROPE - CYPRUS ATHALASSA 17607 DEC 2004 3509N 03324E OB 2									EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 DEC 2004 6437N 04030E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 DEC 2004 5545N 03757E OB 0								
030									030	22878	8	-72.3	22.1	9	88	294	28	030	23105	4	-67.3	7.5	4	88	285	21
050									050	19837	1	-67.6	22.3	2	84	292	22	050	20004	1	-64.3	7.6	1	86	285	17
100	16143	1	-62.9	28.9	0	96	279	24	100	15597	0	-61.0	24.0	0	81	292	17	100	15723	1	-59.5	7.7	1	77	293	14
150	13626	1	-59.6	27.1	0	95	283	30	150	13059	0	-58.1	22.9	0	76	294	14	150	13177	0	-58.2	6.9	0	75	298	15
200	11820	1	-57.7	21.2	0	92	286	30	200	11245	0	-57.9	18.6	0	69	295	13	200	11368	0	-59.3	5.9	0	68	306	16
300	9219	1	-47.5	15.9	0	85	291	22	300	8683	0	-54.1	11.3	0	56	298	13	300	8822	0	-53.2	5.3	0	58	302	15
500	5646	1	-20.2	14.6	0	76	290	12	500	5247	0	-31.5	9.2	0	56	292	8	500	5356	0	-28.1	6.2	0	59	296	11
700	3066	1	-3.3	18.8	0	66	297	6	700	2789	0	-15.9	8.6	0	60	269	7	700	2870	0	-13.3	6.5	0	61	287	7
850	1509	1	4.2	11.6	0	31	289	2	850	1303	0	-8.5	5.1	0	61	257	6	850	1377	0	-7.2	4.2	0	57	277	6
1000	* 161		15.4	8.0					1005	* 4		-7.5	2.0					989	* 200		-3.5	1.9				

UPPER AIR

DECEMBER 2004

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
EUROPE - ISRAEL BET DAGAN 40179 DEC 2004 3200N 03449E OB 3									EUROPE - JORDAN MAFRAQ 40265 DEC 2004 3222N 03615E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV DIKSON 20674 DEC 2004 7330N 08024E OB 3										
030									030									030										
050									050	20480	0	-59.8			2	92	262	15	050									
100	16221	0	-65.3		5	97	274	32	100	16224	0	-64.1			1	97	278	29	100	15276	22	-67.6			9	77	297	16
150	13729	0	-61.4		0	96	278	39	150	13725	0	-60.7			1	96	282	38	150	12812	17	-62.6			9	71	313	11
200	11928	0	-57.4		0	94	280	39	200	11906	0	-57.1			1	93	282	42	200	11051	8	-62.4			9	54	313	8
300	9306	0	-44.7	13.0	0	90	281	28	300	9299	0	-44.8			1	90	283	31	300	8556	4	-59.9			4	37	346	7
500	5696	0	-17.9	14.3	0	83	286	14	500	5693	0	-18.5	15.8		1	84	284	17	500	5215	3	-37.6	6.0		3	26	283	3
700	3094	0	-1.0	15.3	0	62	288	6	700	3096	0	-1.5	17.4		1	67	284	8	700	2815	3	-22.1	6.9		3	54	248	5
850	1523	0	6.8	12.8	0	32	305	2	850	1527	0	6.2	13.1		1	26	207	7	850	1367	3	-15.9	4.9		3	69	231	6
1016	* 35		13.9	7.3					942	* 687		4.9	3.9						1014	* 47		-22.7	2.5					
ASIA - RUSSIAN FEDERATION (IN ASIA) HATANGA 20891 DEC 2004 7159N 10228E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) NAR'JAN-MAR 23205 DEC 2004 6738N 05302E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) SALEHARD 23330 DEC 2004 6632N 06640E OB 3										
030	22118	20	-79.2	4.3	9	95	323	16	030	22696	9	-73.5	5.7	9	85	291	27	030										
050	19218	15	-75.6	4.4	9	82	318	12	050	19665	0	-70.1	5.7	1	81	291	21	050	19631	3	-69.9	6.6	4	87	294	21		
100	15166	11	-68.5	4.4	9	73	330	8	100	15469	0	-62.9	5.9	0	77	292	15	100	15456	0	-62.6	6.2	0	81	297	15		
150	12684	8	-64.8	4.1	8	66	346	6	150	12954	0	-60.0	5.5	0	69	291	12	150	12941	0	-60.1	5.6	0	75	302	11		
200	10943	6	-64.7	3.4	7	56	352	6	200	11154	0	-59.6	5.0	1	56	291	10	200	11151	0	-61.0	4.9	0	64	301	9		
300	8466	4	-61.7	3.2	5	46	355	7	300	8611	0	-55.7	4.5	0	46	273	9	300	8630	0	-56.6	4.6	0	42	289	7		
500	5166	3	-41.0	3.8	3	42	331	5	500	5206	0	-34.3	5.1	0	51	250	6	500	5238	0	-34.4	5.3	0	49	260	6		
700	2805	3	-26.3	3.8	3	42	312	4	700	2778	0	-19.6	3.6	0	64	230	6	700	2816	0	-19.6	7.1	0	63	241	7		
850	1383	3	-20.8	3.3	4	48	291	4	850	1313	0	-12.5	3.1	0	63	218	7	850	1358	0	-13.9	4.0	0	72	231	8		
1023	* 33		-30.9	2.7					1007	* 12		-13.0	2.0						1017	* 16		-24.1	2.6					
ASIA - RUSSIAN FEDERATION (IN ASIA) TURUHANSK 23472 DEC 2004 6547N 08756E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) SYKTYVKAR 23804 DEC 2004 6140N 05051E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OLENEK 24125 DEC 2004 6830N 11226E OB 3										
030	22575	13	-73.9	21.0	9	95	292	27	030	22834	13	-71.8	5.9	9	91	291	27	030										
050	19545	4	-70.9	22.5	4	92	299	22	050	19783	1	-68.0	6.0	1	87	289	21	050	19366	17	-70.6	4.8	9	95	294	18		
100	15379	1	-64.5	23.9	1	89	301	14	100	15548	0	-61.4	5.7	0	83	291	16	100	15217	5	-65.5	4.3	5	82	322	10		
150	12892	0	-61.6	22.0	0	83	300	11	150	13021	0	-58.9	5.1	0	77	291	13	150	12730	2	-63.0	3.7	2	87	325	8		
200	11105	0	-62.1	16.3	0	71	305	9	200	11215	0	-59.0	4.4	0	71	290	12	200	10961	0	-63.5	3.2	0	73	338	8		
300	8594	0	-58.6	10.8	0	46	301	6	300	8674	0	-56.2	3.8	0	54	283	12	300	8474	0	-60.8	2.9	0	56	352	9		
500	5245	0	-38.0	10.5	0	31	281	3	500	5260	0	-32.7	4.5	0	62	264	10	500	5155	0	-40.0	3.4	0	58	350	8		
700	2857	0	-23.4	10.6	0	32	258	3	700	2818	0	-18.5	3.5	0	66	250	8	700	2791	0	-25.7	3.1	0	53	342	5		
850	1419	0	-18.2	6.8	0	40	234	4	850	1347	0	-11.5	2.3	0	75	240	7	850	1372	0	-21.9	3.1	0	46	313	3		
1025	* 38		-28.0	4.5					998	* 116		-10.6	1.8						999	* 220		-36.3	4.2					

UPPER AIR

DECEMBER 2004

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) VERHOJANSK 24266 DEC 2004 6734N 13324E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) TURA 24507 DEC 2004 6416N 10014E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) JAKUTSK 24959 DEC 2004 6201N 12943E OB 0								
030	22429	13	-70.3	5.6	9	96	243	24	030	22583	15	-71.9	6.3	9	94	281	27	030	22734	19	-63.0	7.0	9	95	250	28
050	19342	4	-69.6	5.1	4	95	250	15	050	19533	9	-69.9	5.9	9	93	292	22	050	19604	8	-62.8	6.7	8	94	260	21
100	15166	1	-65.1	4.8	1	67	258	4	100	15346	6	-64.1	5.7	7	93	299	16	100	15281	0	-60.3	6.0	0	86	276	10
150	12680	1	-62.9	4.3	1	19	275	1	150	12843	5	-61.6	4.9	6	82	301	12	150	12739	0	-58.9	5.4	0	72	294	6
200	10909	1	-63.1	3.7	1	19	73	2	200	11060	5	-62.0	4.2	5	84	312	10	200	10934	0	-58.9	4.5	0	50	316	4
300	8427	1	-61.8	3.2	1	32	71	5	300	8563	4	-59.6	3.8	4	73	322	10	300	8411	0	-60.3	3.6	0	29	11	4
500	5131	1	-41.0	4.2	1	37	66	5	500	5231	4	-39.5	4.2	4	51	322	5	500	5121	0	-42.2	3.8	0	33	357	4
700	2773	1	-26.9	4.1	1	34	68	3	700	2855	3	-24.4	6.4	3	50	310	4	700	2777	0	-28.1	4.9	0	55	336	4
850	1365	1	-25.8	2.7	1	24	6	1	850	1424	3	-20.6	6.0	3	51	310	4	850	1374	0	-25.2	4.0	0	77	322	5
1014	* 138		-45.1	2.9					1009	* 168		-38.7	4.9					1018	* 101		-43.4	4.5				
ASIA - RUSSIAN FEDERATION (IN ASIA) SEJMCHAN 25703 DEC 2004 6255N 15225E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) VERHNEE DUBROVO 28445 DEC 2004 5644N 06104E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) OMSK 28698 DEC 2004 5456N 07324E OB 3								
030	22907	8	-61.0	9.5	9	99	242	36	030	23082	7	-68.1	7.5	9	95	281	26	030	23112	4	-66.3	9.5	4	96	278	27
050	19698	3	-60.8	8.6	7	98	236	27	050	19959	0	-64.8	7.3	0	94	287	21	050	19980	0	-63.7	9.0	0	96	280	23
100	15368	3	-58.3	7.5	3	96	230	16	100	15667	0	-59.6	7.0	0	94	288	15	100	15691	0	-59.0	8.3	0	95	281	18
150	12807	2	-57.7	6.4	2	94	224	12	150	13126	0	-57.5	6.3	0	89	289	14	150	13137	0	-57.1	7.0	0	93	281	17
200	10994	2	-59.0	5.2	2	87	214	10	200	11309	0	-58.1	5.5	0	80	290	12	200	11320	0	-57.6	6.0	0	85	279	17
300	8474	2	-59.8	4.3	2	70	206	11	300	8756	0	-54.8	5.0	0	56	292	11	300	8765	0	-54.5	4.9	0	71	282	16
500	5146	1	-39.6	6.4	1	48	195	4	500	5328	0	-32.3	5.4	0	65	278	9	500	5342	0	-32.4	5.5	0	64	279	11
700	2772	0	-25.8	6.3	1	30	92	2	700	2883	0	-17.5	5.1	0	69	264	7	700	2900	0	-17.9	6.4	0	62	273	8
850	1358	0	-25.7	4.0	1	62	22	5	850	1411	0	-11.4	2.8	0	66	255	5	850	1434	0	-12.1	5.1	0	44	258	5
999	* 205		-38.4	3.4					984	* 290		-14.6	2.5					1014	* 90		-17.0	2.9				
ASIA - RUSSIAN FEDERATION (IN ASIA) KOLPASEVO 29231 DEC 2004 5819N 08254E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) EMEL'JANOVO 29572 DEC 2004 5611N 09237E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) KIRENSK 30230 DEC 2004 5746N 10804E OB 0								
030	22949	12	-68.9	7.1	9	97	284	29	030	22942	6	-66.1	13.8	7	95	281	30	030	22887	4	-64.7	7.4	7	98	272	34
050	19845	5	-66.2	7.1	8	95	286	24	050	19829	1	-64.9	13.0	1	96	283	27	050	19741	0	-64.5	6.8	0	96	281	26
100	15581	2	-60.8	6.7	3	94	288	18	100	15565	0	-60.9	12.6	0	93	287	20	100	15465	0	-60.8	6.2	0	94	292	19
150	13049	1	-58.7	5.9	2	93	285	14	150	13030	0	-59.0	10.7	0	92	287	17	150	12937	0	-59.2	5.7	0	93	301	17
200	11242	1	-59.2	4.9	1	77	278	13	200	11227	0	-59.9	8.2	0	81	284	16	200	11137	0	-60.5	4.9	0	85	310	17
300	8698	0	-56.3	4.0	0	46	265	10	300	8705	0	-58.1	5.9	0	56	278	14	300	8619	0	-58.2	4.6	0	74	314	18
500	5308	1	-35.2	5.7	0	41	246	7	500	5331	0	-35.4	5.6	0	51	270	10	500	5263	0	-38.1	5.2	0	69	312	12
700	2891	0	-20.8	5.1	0	43	240	5	700	2913	0	-20.5	6.0	0	56	263	7	700	2878	0	-24.3	5.2	0	66	308	7
850	1435	0	-14.7	4.0	0	37	225	3	850	1457	0	-14.8	4.8	0	66	257	6	850	1448	0	-20.2	3.7	0	63	280	4
1018	* 75		-23.0	2.4					1004	* 206		-21.8	3.2					1000	* 259		-29.8	2.1				

UPPER AIR

DECEMBER 2004

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) CHITA 30758 DEC 2004 5205N 11329E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) ALDAN 31004 DEC 2004 5837N 12522E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OHOTSK 31088 DEC 2004 5922N 14312E OB 3								
030	23166	21	-59.1	8.5	9	99	264	30	030	22830	3	-61.5	7.2	3	97	259	30	030	23061	22	-57.9	10.3	9	95	240	38
050	19875	12	-59.1	8.0	9	98	274	26	050	19626	0	-61.8	6.7	0	96	265	23	050	19782	13	-57.9	8.7	9	94	245	28
100	15525	4	-58.3	7.2	4	96	284	22	100	15319	0	-59.3	6.0	0	89	282	14	100	15376	6	-57.0	6.8	6	92	240	16
150	12958	1	-57.7	6.7	1	94	289	22	150	12775	0	-58.2	5.2	0	84	297	12	150	12797	3	-56.0	6.1	3	90	238	11
200	11143	0	-59.3	5.5	0	91	299	21	200	10969	0	-58.9	4.5	0	74	311	11	200	10975	2	-56.7	5.2	2	81	228	8
300	8617	0	-58.5	4.7	0	79	309	20	300	8444	0	-59.4	3.7	0	57	320	10	300	8430	0	-59.1	3.9	0	55	178	7
500	5273	0	-38.0	5.3	0	78	317	14	500	5140	0	-42.4	3.8	0	55	328	7	500	5113	0	-40.2	4.8	0	36	164	4
700	2886	0	-23.6	5.8	0	82	318	9	700	2802	0	-29.2	3.7	0	75	333	7	700	2748	0	-25.3	5.8	0	16	136	1
850	1453	0	-18.5	3.3	0	70	310	6	850	1407	0	-26.9	3.4	0	78	316	5	850	1324	0	-20.3	5.9	1	31	36	1
945	* 671		-25.5	2.1					941	* 79		-31.4	3.1					1015	* 6		-22.7	5.0				
ASIA - RUSSIAN FEDERATION (IN ASIA) BLAGOVESCHENSK 31510 DEC 2004 5032N 12730E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HABAROVSK 31736 DEC 2004 4832N 13514E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) VLADIVOSTOK (SAD GOROD) 31977 DEC 2004 4316N 13203E OB 3								
030	23310	10	-52.9	12.4	9	95	248	31	030	23481	16	-52.8	11.3	9	94	249	28	030	23618	19	-51.7	14.4	9	96	253	23
050	20048	6	-54.1	11.3	7	96	258	27	050	20171	12	-52.8	10.9	9	95	255	27	050	20301	5	-53.1	13.2	5	97	252	25
100	15599	3	-53.3	9.4	3	98	270	23	100	15693	5	-51.9	9.8	5	96	262	26	100	15859	2	-53.8	11.9	2	98	261	34
150	12985	3	-52.5	8.1	3	95	275	21	150	13054	2	-51.3	8.4	2	96	264	26	150	13253	1	-51.9	10.8	1	97	263	37
200	11133	3	-53.7	6.7	3	92	286	20	200	11190	3	-51.5	7.2	2	93	269	25	200	11397	0	-52.0	9.8	1	97	265	39
300	8550	3	-55.4	5.2	3	80	299	18	300	8594	0	-53.2	5.3	0	82	275	21	300	8785	0	-50.5	8.6	0	94	269	39
500	5194	3	-39.0	5.3	3	75	309	12	500	5202	0	-36.9	4.8	0	67	282	12	500	5336	0	-32.2	8.7	0	92	278	25
700	2820	3	-24.7	6.0	3	81	319	9	700	2809	0	-23.5	6.0	0	65	291	8	700	2898	0	-18.3	8.8	0	87	287	15
850	1396	3	-20.8	5.5	3	80	340	8	850	1377	0	-18.9	5.7	1	60	286	5	850	1435	0	-13.3	6.8	0	73	313	11
1004	* 177		-23.2	4.5					1013	* 72		-20.0	3.6					1014	* 82		-11.1	6.3				
ASIA - RUSSIAN FEDERATION (IN ASIA) JUZHNO-SAHALINSK 32150 DEC 2004 4657N 14243E OB 1									ASIA - RUSSIAN FEDERATION (IN ASIA) PETROPAVLOVSK- KAMCATSKIJ 32540 DEC 2004 5305N 15835E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) ORENBURG 35121 DEC 2004 5141N 05506E OB 3								
030	23658	27	-48.0	13.3	9	90	263	33	030	23525	5	-48.4	14.1	6	98	241	36	030	23312	4	-64.1	11.6	4	97	273	24
050	20278	8	-50.6	13.6	8	95	247	26	050	20184	3	-50.3	12.5	4	97	244	29	050	20169	1	-61.9	11.8	1	97	279	19
100	15766	4	-50.5	11.9	5	95	261	28	100	15675	0	-50.4	10.6	0	95	247	23	100	15835	0	-57.6	10.8	0	96	278	16
150	13129	2	-49.8	10.3	3	96	264	32	150	13035	0	-50.3	8.7	0	92	245	19	150	13264	0	-55.6	9.6	0	89	277	15
200	11254	1	-49.8	8.9	1	94	265	31	200	11166	0	-51.6	7.1	0	86	238	16	200	11437	0	-56.4	8.3	0	83	278	15
300	8627	1	-51.5	6.5	1	89	266	30	300	8563	0	-53.5	5.3	0	58	222	13	300	8865	0	-52.5	7.4	0	66	278	15
500	5211	0	-35.2	5.8	0	79	268	18	500	5171	0	-36.1	5.3	0	28	173	4	500	5404	0	-29.3	9.6	0	69	264	11
700	2803	0	-21.2	5.5	0	67	278	9	700	2759	0	-19.9	5.7	0	18	104	2	700	2926	0	-14.0	7.3	0	74	258	8
850	1354	0	-14.2	3.8	0	48	302	6	850	1296	0	-11.0	4.4	0	34	45	3	850	1436	0	-7.9	4.8	0	65	251	6
1011	* 24		-9.7	2.2					994	* 84		-6.3	5.4					1007	* 117		-6.8	2.7				

UPPER AIR

DECEMBER 2004

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 - SAUDI ARABIA HAFR AL-BATIN 40373 DEC 2004 2820N 04607E OB									ASIA - SAUDI ARABIA TABUK 40375 DEC 2004 2822N 03636E OB 3									ASIA - SAUDI ARABIA KING FAHAD INT. AIRPORT 40417 DEC 2004 2627N 04949E OB 3								
030	23729	25	-53.5	19.4	9	73	261	10	030	23730	3	-53.3	18.2	3	69	251	10	030	23768	23	-54.0	22.0	9	31	245	3
050	20490	24	-61.6	18.3	9	90	268	14	050	20497	3	-61.0	17.4	3	89	271	12	050	20543	22	-61.3	19.8	9	79	262	8
100	16275	23	-67.3	19.2	9	94	271	29	100	16311	1	-67.2	17.5	1	96	278	30	100	16352	13	-68.3	19.3	9	96	264	32
150	13815	23	-63.3	18.5	9	91	278	35	150	13833	0	-62.3	17.4	0	97	281	43	150	13888	8	-63.1	19.0	9	96	262	38
200	12029	23	-58.7	18.0	9	89	279	34	200	12035	0	-57.0	17.0	0	95	282	46	200	12094	4	-56.9	18.2	6	95	263	41
300	9402	23	-43.1	16.1	9	86	281	23	300	9389	0	-41.6	15.6	0	92	283	35	300	9447	4	-40.8	16.3	5	92	263	33
500	5751	22	-15.6	16.4	9	83	279	11	500	5731	0	-15.3	20.4	0	85	283	16	500	5766	3	-13.4	20.9	4	89	262	19
700	3128	22	1.2	16.4	9	81	275	7	700	3102	0	1.7	22.9	0	65	284	6	700	3128	3	2.1	15.9	4	84	266	11
850	1542	22	9.1	17.7	9	56	286	3	850	1517	0	8.7	14.4	0	23	105	1	850	1535	3	10.3	12.6	3	62	271	5
981	* 358		11.6	15.9					930	* 768		12.4	13.0					1017	* 12		15.6	9.3				
ASIA - SAUDI ARABIA MADINAH 40430 DEC 2004 2433N 03942E OB 3									ASIA - SAUDI ARABIA KING KHALED INT. AIRPORT 40437 DEC 2004 2456N 04643E OB 3									ASIA - IRAN, ISLAMIC REPUBLIC OF MASHHAD 40745 DEC 2004 3616N 05938E OB 3								
030	23753	3	-54.1	18.6	4	28	222	3	030	23757	4	-54.1	22.4	4	19	161	2	030	23659	21	-55.5	30.6				
050	20533	3	-62.6	16.9	4	75	265	8	050	20532	3	-62.3	19.8	3	76	258	7	050	20427	2	-55.1	33.7				
100	16392	1	-71.2	17.2	1	95	272	31	100	16378	1	-70.6	19.6	1	96	266	32	100	16117	0	-61.5	29.3				
150	13957	1	-64.0	17.2	1	97	276	42	150	13932	1	-63.3	19.7	1	96	270	42	150	13591	0	-58.7	28.5				
200	12165	1	-56.2	16.5	1	95	279	45	200	12138	0	-56.2	18.5	0	92	271	42	200	11782	0	-57.8	21.8				
300	9493	1	-38.8	15.2	1	93	277	36	300	9471	0	-39.4	16.5	0	90	269	34	300	9179	0	-46.3	19.9	6	82	250	30
500	5785	1	-11.4	21.3	1	90	273	19	500	5773	0	-12.5	19.7	0	88	266	19	500	5618	0	-21.5	16.6	5	81	250	13
700	3122	1	4.3	23.6	1	74	252	7	700	3123	0	3.1	12.2	0	80	258	10	700	3055	0	-5.1	16.5	4	70	280	7
850	1519	1	12.5	12.7	1	21	154	2	850	1523	0	10.9	11.7	0	55	238	4	850	1508	0	1.7	10.5	4	55	300	3
943	* 636		19.6	15.9					948	* 612		14.8	10.2					905	* 980		1.4	2.9				
ASIA - IRAN, ISLAMIC REPUBLIC OF KERMAN 40841 DEC 2004 3015N 05658E OB 3									ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT.) 41024 DEC 2004 2142N 03911E OB 3									ASIA - SAUDI ARABIA ABHA 41112 DEC 2004 1814N 04239E OB								
030	23730	3	-53.9						030	23756	9	-54.0	18.8	9	54	109	4	030	23734	3	-55.1	19.1	3	87	96	6
050	20496	3	-60.7						050	20543	6	-64.3	18.0	8	60	276	5	050	20539	2	-64.7	17.2	3	22	240	1
100	16252	1	-65.9						100	16456	3	-74.3	18.2	3	96	272	28	100	16504	1	-75.9	17.4	2	95	272	22
150	13773	1	-61.9						150	14046	3	-66.0	18.4	3	97	274	41	150	14116	1	-67.3	17.4	1	96	274	34
200	11975	1	-57.1	14.6					200	12258	2	-55.5	17.4	2	96	278	43	200	12331	1	-54.7	16.9	1	94	271	32
300	9264	1	-41.8	13.0					300	9568	1	-36.7	17.0	1	94	280	33	300	9621	1	-34.0	18.2	1	93	277	25
500	5693	1	-17.2	12.1					500	5825	0	-8.9	21.5	1	91	273	18	500	5842	1	-7.1	21.4	1	87	275	12
700	3091	1	-2.1	8.5					700	3137	0	7.0	20.7	0	61	232	6	700	3143	1	7.8	11.4	1	80	235	6
826	*1754		2.3	4.9					850	1519	0	15.1	8.9	0	39	181	3	795	*2093		14.5	7.5				
									1012	* 17		25.7	9.1													

UPPER AIR

DECEMBER 2004

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 - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT 41217 DEC 2004 2426N 05439E OB 3									ASIA - OMAN SEEB, INTERNATIONAL AIRPORT 41256 DEC 2004 2335N 05817E OB 1									ASIA - OMAN SALALAH 41316 DEC 2004 1702N 05405E OB 3									
030									030	23760	26	-53.8	4.5	9	75	63	8	030	23727	16	-55.2	32.3	9	84	89	7	
050									050	20561	14	-63.5	15.6	9	81	249	8	050	20546	4	-66.1	28.1	6	36	214	2	
100	16407	0	-71.3	22.5	1	98	259	32	100	16443	1	-73.0	22.0	3	98	257	30	100	16522	2	-77.6	16.7	4	94	253	19	
150	13974	0	-64.2	20.7	1	96	259	43	150	14030	0	-65.4	20.4	3	96	253	41	150	14147	2	-68.1	14.3	5	94	260	27	
200	12178	0	-55.5	19.0	0	93	259	44	200	12245	0	-55.0	19.5	4	95	254	44	200	12362	2	-54.0	18.2	6	91	254	26	
300	9500	0	-38.4	18.5	0	94	256	36	300	9556	0	-37.1	19.2	3	94	253	37	300	9639	2	-33.1	25.9	5	92	252	21	
500	5790	0	-11.7	22.6	0	90	258	20	500	5826	0	-10.3	26.5	3	92	256	21	500	5856	1	-6.9	31.9	1	79	251	9	
700	3135	0	3.7	19.3	0	83	264	9	700	3155	0	4.9	20.1	3	85	260	10	700	3153	1	9.3	29.5	2	14	288	1	
850	1532	0	12.7	16.1	0	46	257	3	850	1545	0	13.8	13.0	4	47	255	5	850	1526	1	14.7	15.4	2	49	61	4	
1014	* 27		21.8	7.6					1016	* 8		20.4	4.9					1013	* 20		22.4	11.2					
ASIA - BANGLADESH DHAKA 41923 DEC 2004 2346N 09023E OB /									ASIA - INDIA SRINAGAR 42027 DEC 2004 3405N 07450E OB 3									ASIA - INDIA NEW DELHI / SAFDARJUNG 42182 DEC 2004 2835N 07712E OB 3									
030	23715	18	-55.7		9	22	272	1	030									030									
050	20531	16	-66.7		9	73	304	6	050									050	20592	10	-61.7						
100	16489	15	-75.1		9	94	277	25	100									100	16366	1	-71.9		8	95	295	20	
150	14086	15	-65.7		9	97	271	39	150									150	13923	0	-64.5	14.3	3	97	282	38	
200	12294	15	-54.3		9	96	278	40	200									200	12169	0	-56.9	12.5	1	92	281	28	
300	9581	15	-34.9	33.1	9	93	280	35	300	9316	0	-47.1	2.6	9	99	260	31	300	9479	0	-39.2	12.3	0	92	282	33	
500	5819	15	-7.1		9	95	288	21	500	5720	0	-19.3	7.4	9	85	250	10	500	5805	0	-11.5	18.8	0	91	287	18	
700	3116	15	6.4	24.6	9	75	295	10	700	3117	0	-1.1	8.0	9	75	125	3	700	3125	0	5.7	19.4	0	71	302	7	
850	1513	15	11.1	11.3	9	35	274	2	846	*1587		4.4	3.6					850	1514	0	13.2	17.8	0	26	318	6	
1014	* 9		16.8	1.5														984	* 216		15.3	6.4					
ASIA - INDIA JODHPUR 42339 DEC 2004 2618N 07301E OB 3									ASIA - INDIA LUCKNOW/AMAUST 42369 DEC 2004 2645N 08053E OB 3									ASIA - INDIA GAUHATI 42410 DEC 2004 2606N 09135E OB 3									
030									030									030									
050	20620	9	-66.0	11.4	9	71	250	6	050	20563	9	-54.3	12.9	9	55	349	5	050									
100	16439	5	-70.3	10.5	9	96	258	20	100	16264	7	-70.8	9.9	9	90	278	16	100									
150	14023	2	-65.3	10.2	9	98	260	34	150	13867	4	-67.1	9.9	8	92	274	32	150	13932	5	-65.2			9	82	278	32
200	12244	1	-57.5	10.5	3	93	259	38	200	12113	3	-56.1	13.9	8	89	274	39	200	12151	3	-56.5		5	91	282	37	
300	9560	1	-34.5	17.1	2	92	260	33	300	9460	2	-40.3	13.0	5	80	280	32	300	9473	3	-38.5		3	81	285	26	
500	5780	1	-11.8	15.9	1	92	265	20	500	5769	1	-12.2	18.2	1	85	287	18	500	5739	1	-10.2	17.7	1	84	280	14	
700	3117	0	5.6	18.0	0	83	264	8	700	3106	0	6.1	20.7	0	93	306	13	700	3089	0	2.3	11.5	0	42	267	3	
850	1511	0	13.4	15.7	0	46	272	3	850	1497	0	12.5	15.6	0	85	315	6	850	1498	0	11.2	7.2	0	26	98	1	
989	* 224		21.3	15.5					1000	* 128		16.9	4.2					1009	* 54		17.1	2.6					

UPPER AIR

DECEMBER 2004

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 - INDIA AHMADABAD 42647 DEC 2004 2304N 07238E OB 3								ASIA - INDIA CALCUTTA/DUM DUM 42809 DEC 2004 2239N 08827E OB 3								ASIA - INDIA NAGPUR SONEGAON 42867 DEC 2004 2106N 07903E OB 3											
030								030										030									
050								050										050									
100								100	16329	1	-77.4			1	95	282	15	100	16439	9	-76.7			9	75	272	8
150								150	13959	1	-66.5			0	99	278	29	150	14111	4	-68.0			5	84	259	20
200	12316	8	-56.9					200	12203	0	-58.3			0	93	278	30	200	12337	4	-56.9			5	89	261	25
300	9617	5	-35.4					300	9535	0	-37.6	12.3		0	95	288	30	300	9663	1	-34.6			1	79	265	20
500	5862	4	-7.5					500	5793	0	-8.8	19.6		0	96	296	18	500	5859	1	-7.7			1	70	286	10
700	3153	4	9.2	18.9	4	81	290	4	700	3098	0	8.1	20.8	0	22	308	11	700	3145	0	9.5	22.7	0	61	324	6	
850	1531	4	17.1	14.9	4	45	22	2	850	1493	0	11.4	8.5	0	75	323	4	850	1520	0	15.6	16.4	0	60	354	3	
1008	* 55		23.1	11.4					1013	* 6	20.2	4.9						979	* 310		21.0	11.1					
ASIA - INDIA BHUBANESWAR 42971 DEC 2004 2015N 08550E OB 3								ASIA - INDIA BOMBAY/SANTACRUZ 43003 DEC 2004 1907N 07251E OB 3								ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 DEC 2004 1742N 08318E OB 3											
030								030										030									
050								050										050									
100	16388	6	-77.9					100	16351	7	-79.1	9.7	9	94	259	7	100	14190	4	-67.1			4	87	246	13	
150	14057	3	-70.7					150	14033	6	-71.1	10.7	7	91	255	18	150	12400	2	-53.2			2	90	250	15	
200	12302	1	-58.2					200	12300	2	-57.8	13.1	2	90	250	21	200	9660	2	-32.8	12.8		2	86	264	12	
300	9615	1	-35.6					300	9609	0	-34.8	16.5	0	85	248	18	300	5860	2	-5.5	22.5		0	99	239	15	
500	5844	0	-6.9					500	5839	0	-7.3	20.1	0	61	249	6	500	5860	0	-5.5	22.5		0	99	239	15	
700	3136	0	9.5	21.0	0	93	226	9	700	3133	0	10.5	22.9	0	9	72	1	700	3139	0	10.9	25.3	0	99	247	9	
850	1512	0	13.5	9.8	0	67	355	3	850	1500	0	17.8	18.1	0	63	92	3	850	1507	0	15.9	14.4	0	86	5	5	
1009	* 46		21.0	6.0					1009	* 14	24.8	9.9						1006	* 66		24.1	6.0					
ASIA - INDIA MADRAS/MINAMBAKKAM 43279 DEC 2004 1300N 08011E OB 3								ASIA - INDIA MANGALORE/PANAMBUR 43285 DEC 2004 1257N 07450E OB 3								ASIA - INDIA PORT BLAIR 43333 DEC 2004 1140N 09243E OB 3											
030								030										030									
050								050										050									
100								100	16465	5	-79.1		9	48	120	3	100	16376	8	-72.2			9	40	69	3	
150	14187	7	-68.6					150	14148	2	-70.6		5	57	249	5	150	14076	4	-73.8			5	64	174	9	
200	12393	5	-54.9					200	12386	1	-57.0		4	64	211	6	200	12336	3	-58.8			3	57	197	6	
300	9670	4	-32.3					300	9678	1	-32.4	16.6	2	37	175	3	300	9646	3	-34.4			3	12	299	1	
500	5860	1	-5.0					500	5865	0	-5.0	21.3	0	81	96	7	500	5852	2	-5.7			2	67	49	5	
700	3142	0	10.9	22.0	1	88	67	6	700	3140	0	10.6	22.5	0	84	85	6	700	3136	2	10.1	19.3	2	50	68	2	
850	1507	0	16.1	8.0	0	89	56	6	850	1503	0	17.8	11.9	0	82	88	5	850	1504	2	16.3	6.6	2	83	74	5	
1010	* 16		24.6	5.0					1007	* 31	26.1	6.6						1002	* 79		26.3	5.5					

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
ASIA - INDIA COCHIN/WILLINGDON 43353 DEC 2004 0957N 07616E OB 3									ASIA - INDIA THIRUVANANTHAPURAM 43371 DEC 2004 0829N 07657E OB 3									ASIA - HONG KONG, CHINA KING'S PARK 45004 DEC 2004 2219N 11410E OB 1								
030									030									030	23733	9	-56.7	31.6	9	71	100	4
050									050	20545	8	-60.7		9	32	222	2	050	20561	7	-65.5	26.2	7	67	236	5
100	16422	6	-79.2						100	16429	3	-79.5		3	59	90	4	100	16521	3	-77.9	18.3	4	95	257	25
150	14101	3	-72.4						150	14117	2	-70.7		2	15	69	1	150	14145	1	-66.2	19.2	1	95	247	37
200	12356	3	-58.4						200	12365	2	-56.6		2	75	139	8	200	12346	0	-52.4	20.5	0	96	255	39
300	9667	1	-33.4						300	9648	1	-32.8		1	69	116	6	300	9603	0	-31.9	28.4	0	95	261	35
500	5861	1	-5.5						500	5839	0	-5.8	10.6	0	92	91	8	500	5819	0	-8.2	34.1	0	94	269	18
700	3143	1	10.5	12.9					700	3124	0	9.9	14.2	0	85	88	6	700	3137	0	5.0	23.5	0	62	278	7
850	1500	1	18.0	8.3					850	1485	0	17.3	7.5	0	78	59	4	850	1537	0	11.2	12.1	0	32	57	2
1009	* 3		27.5	6.7					1002	* 64		26.8	5.5					1012	* 66		16.5	5.0				
ASIA - DPR KOREA PYONGYANG 47058 DEC 2004 3902N 12547E OB 3									ASIA - REPUBLIC OF KOREA OSAN AB 47122 DEC 2004 3706N 12702E OB 3									ASIA - REPUBLIC OF KOREA POHANG 47138 DEC 2004 3602N 12923E OB 3								
030									030	23723	3	-51.3	17.2	3	96	248	17	030	23735	0	-52.8		0	91	244	12
050									050	20439	0	-56.2	15.1	0	98	257	23	050	20471	0	-57.6		0	97	254	21
100									100	16098	0	-59.4	13.9	0	98	260	40	100	16156	0	-61.2		0	99	259	41
150									150	13544	0	-56.4	14.2	0	99	259	53	150	13620	0	-57.0		0	98	257	58
200									200	11706	0	-53.6	14.1	0	98	257	55	200	11781	0	-52.3		1	98	257	61
300	8994	14	-49.7	7.6					300	9073	0	-47.9	12.5	0	96	262	43	300	9129	0	-46.0	22.4	0	96	259	47
500	5484	0	-27.2	9.3	9	87	290	17	500	5538	0	-24.5	14.0	0	94	273	26	500	5573	0	-23.3	16.4	0	95	271	26
700	2983	0	-11.9	12.7	4	85	300	10	700	3008	0	-9.0	18.8	0	92	282	15	700	3030	0	-7.9	22.5	0	90	279	13
850	1483	0	-6.4	11.1	4	76	315	5	850	1489	0	-3.6	20.0	0	74	290	7	850	1501	0	-1.4	18.7	0	62	290	5
1021	* 38		-3.8	2.9					1018	* 52		.0	5.1					1023	* 6		4.8	9.2				
ASIA - REPUBLIC OF KOREA KWANGJU AB 47158 DEC 2004 3507N 12649E OB 3									ASIA - JAPAN WAKKANAI 47401 DEC 2004 4525N 14141E OB 2									ASIA - JAPAN SAPPORO 47412 DEC 2004 4303N 14120E OB 2								
030	23770	3	-52.2	19.4	6	87	254	10	030	23612	2	-49.4		2	96	244	28	030	23682	1	-49.2		1	94	244	22
050	20497	2	-57.3	16.2	2	97	255	19	050	20285	0	-51.5		1	97	249	27	050	20363	1	-52.8		1	97	246	25
100	16191	0	-61.8	14.7	0	99	259	41	100	15804	0	-52.6		0	97	258	34	100	15905	0	-54.3		0	97	260	37
150	13654	0	-57.7	15.8	1	98	256	54	150	13180	0	-51.5		0	97	261	37	150	13294	0	-52.0		0	97	262	43
200	11817	0	-52.4	16.7	3	98	257	56	200	11307	0	-50.4		0	96	262	38	200	11425	0	-50.1		0	97	262	45
300	9161	0	-45.5	14.3	0	96	258	45	300	8674	0	-51.3		0	92	265	36	300	8784	0	-50.0		0	94	263	43
500	5592	0	-22.4	17.5	0	96	268	25	500	5250	0	-34.4	9.3	0	89	267	24	500	5324	0	-31.5	11.4	0	92	267	27
700	3039	0	-6.7	20.2	0	92	281	13	700	2830	0	-20.9	6.9	0	82	272	13	700	2873	0	-17.8	12.5	0	92	276	16
850	1504	0	-1.1	17.2	0	70	304	7	850	1373	0	-12.8	2.0	0	58	273	7	850	1402	0	-10.7	2.9	0	83	287	9
1023	* 13		2.6	4.8					1013	* 11		-2.0	5.2					1013	* 26		-1.0	5.9				

UPPER AIR

DECEMBER 2004

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 NEMURO 47420 DEC 2004 4320N 14535E OB 2									ASIA - JAPAN AKITA 47582 DEC 2004 3943N 14006E OB 2									ASIA - JAPAN WAJIMA 47600 DEC 2004 3723N 13654E OB 2								
030	23705	2	-49.0		2	95	242	19	030	23721	2	-51.1		2	96	242	15	030	23729	1	-52.1		3	92	243	12
050	20378	0	-52.3		0	96	250	25	050	20430	0	-55.8		0	97	250	21	050	20457	0	-56.9		0	96	251	21
100	15920	0	-52.9		0	97	260	34	100	16030	0	-58.2		0	97	262	43	100	16123	0	-60.4		0	98	259	43
150	13299	0	-51.6		1	97	263	44	150	13466	0	-54.8		0	97	260	54	150	13576	0	-56.1		0	98	259	61
200	11428	0	-50.4		1	97	262	48	200	11613	0	-51.1		0	97	259	56	200	11729	0	-51.6		0	97	258	66
300	8785	0	-49.3		0	92	264	45	300	8956	0	-47.2		0	95	262	51	300	9071	0	-45.7		0	96	260	52
500	5318	0	-31.1	10.9	0	89	268	27	500	5436	0	-27.2	13.5	0	94	268	32	500	5517	0	-24.6	15.6	0	95	267	30
700	2861	0	-17.2	11.8	0	84	282	16	700	2947	0	-14.4	7.3	0	94	269	18	700	2997	0	-10.5	15.7	0	91	264	17
850	1386	0	-10.0	5.8	0	70	281	9	850	1450	0	-5.7	3.2	0	87	276	11	850	1480	0	-2.6	5.3	0	73	276	7
1009	* 39		- .7	4.8					1018	* 7		3.9	4.6					1019	* 14		6.0	3.5				
ASIA - JAPAN TATENNO 47646 DEC 2004 3603N 14008E OB 2									ASIA - JAPAN HACHIJOJIMA/OMURE 47678 DEC 2004 3307N 13947E OB 2									ASIA - JAPAN YONAGO 47744 DEC 2004 3526N 13321E OB 2								
030	23764	2	-52.8		2	84	241	9	030	23790	2	-53.8		2	58	210	4	030	23741	2	-53.3		3	91	244	11
050	20506	2	-57.9		2	95	250	18	050	20556	1	-60.4		1	89	248	12	050	20483	1	-57.8		1	96	253	19
100	16208	0	-63.0		0	98	259	44	100	16335	0	-68.2		0	97	257	43	100	16194	0	-62.6		0	99	259	44
150	13688	0	-58.2		0	97	260	64	150	13868	0	-61.8		0	97	260	65	150	13674	0	-58.2		0	98	257	62
200	11851	0	-51.3		0	97	259	72	200	12048	0	-52.0		0	97	260	72	200	11840	0	-52.1		0	97	256	68
300	9169	0	-42.6		0	96	259	58	300	9335	0	-37.8	21.7	0	96	258	61	300	9168	0	-43.6		0	97	258	53
500	5571	0	-21.1	19.8	0	96	263	30	500	5667	0	-16.7	19.4	0	95	262	31	500	5581	0	-21.8	17.2	0	94	267	29
700	3015	0	-7.0	19.8	0	91	268	15	700	3067	0	-2.0	18.8	0	87	267	14	700	3030	0	-7.4	18.3	0	89	278	14
850	1479	0	.7	7.1	0	72	259	6	850	1503	0	4.9	6.8	0	68	275	7	850	1499	0	-.7	7.4	0	65	288	5
1015	* 31		5.5	4.5					999	* 153		13.9	5.3					1021	* 8		7.3	3.1				
ASIA - JAPAN SHIONOMISAKI 47778 DEC 2004 3327N 13546E OB 2									ASIA - JAPAN FUKUOKA 47807 DEC 2004 3335N 13023E OB 2									ASIA - JAPAN KAGOSHIMA 47827 DEC 2004 3133N 13033E OB 2								
030	23763	3	-54.5		3	80	235	7	030	23754	0	-53.3		0	91	241	9	030	23756	3	-54.9		3	76	234	5
050	20525	2	-60.1		3	95	251	15	050	20511	0	-59.6		0	95	250	15	050	20532	1	-61.0		1	96	251	13
100	16292	0	-67.0		0	98	257	43	100	16255	0	-65.6		0	99	256	44	100	16332	0	-68.6		0	99	256	41
150	13811	0	-60.8		0	98	257	63	150	13763	0	-59.7		0	98	255	62	150	13871	0	-61.7		0	98	254	61
200	11986	0	-51.9		0	97	256	70	200	11935	0	-52.1		0	98	252	66	200	12051	0	-52.1		0	98	253	66
300	9284	0	-39.3	21.2	0	97	256	59	300	9250	0	-41.4		1	97	255	53	300	9345	0	-38.4	20.7	0	97	255	53
500	5642	0	-18.5	19.3	0	94	262	30	500	5632	0	-19.4	15.9	0	94	263	27	500	5682	0	-16.8	16.2	0	95	260	27
700	3057	0	-4.0	22.7	0	93	268	15	700	3057	0	-4.8	22.8	0	91	281	13	700	3080	0	-1.9	19.4	0	84	267	12
850	1504	0	3.5	12.2	1	67	284	6	850	1512	0	1.6	11.0	0	61	297	5	850	1517	0	5.0	14.1	0	55	300	5
1011	* 75		11.5	5.9					1020	* 15		10.7	6.5					1017	* 31		12.7	6.4				

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 NAZE/FUNCHATOGE 47909 DEC 2004 2823N 12933E OB 2									ASIA - JAPAN ISHIGAKIJIMA 47918 DEC 2004 2420N 12410E OB 2									ASIA - JAPAN NAHA 47936 DEC 2004 2612N 12741E OB 2								
030	23741	7	-56.3		7	77	230	4	030	23739	0	-56.7		0	50	187	3	030	23741	3	-56.5		3	58	187	3
050	20548	5	-63.1		5	93	252	10	050	20557	0	-64.8		0	75	242	6	050	20553	2	-63.6		2	86	247	8
100	16428	0	-73.1		0	99	253	38	100	16510	0	-77.5		0	97	252	29	100	16479	0	-75.9		0	99	252	37
150	14015	0	-64.0		0	99	252	56	150	14134	0	-65.9		0	98	247	43	150	14091	0	-65.4		0	98	249	50
200	12206	0	-51.9		0	98	251	59	200	12332	0	-52.0		0	98	250	44	200	12288	0	-52.1		0	98	250	52
300	9473	0	-34.7	20.7	0	98	252	49	300	9587	0	-31.8	25.2	0	96	253	40	300	9546	0	-32.6	22.2	0	98	251	45
500	5748	0	-12.5	18.2	0	95	254	27	500	5806	0	-9.2	25.2	0	94	252	23	500	5786	0	-10.8	20.8	0	97	255	26
700	3108	0	.7	15.5	0	74	261	10	700	3135	0	4.4	16.0	0	71	242	7	700	3125	0	3.6	15.9	0	82	257	10
850	1529	0	6.9	3.2	1	39	6	3	850	1536	0	9.9	2.0	0	41	52	3	850	1533	0	8.8	3.0	0	27	7	3
985	* 295		15.5	5.2					1018	* 7		20.5	5.9					1016	* 27		19.9	7.1				
ASIA - JAPAN MINAMIDAITOJIMA 47945 DEC 2004 2550N 13114E OB 2									ASIA - JAPAN CHICHIJIMA 47971 DEC 2004 2705N 14211E OB 3									ASIA - JAPAN MINAMITORISHIMA 47991 DEC 2004 2418N 15358E OB 3								
030	23747	2	-56.8		3	49	183	2	030	23760	1	-55.9		1	48	132	3	030	23764	5	-56.7		5	83	85	6
050	20567	2	-64.6		2	77	234	5	050	20583	1	-65.2		1	64	240	5	050	20598	4	-66.9		4	67	107	3
100	16507	1	-77.5		0	98	251	32	100	16524	0	-77.7		0	97	253	29	100	16602	0	-80.2		0	89	264	16
150	14130	0	-65.8		0	98	249	46	150	14148	0	-65.9		0	97	258	43	150	14241	0	-66.0		0	92	276	24
200	12327	0	-52.2		0	97	251	47	200	12347	0	-52.4		0	97	261	45	200	12439	0	-51.9		0	94	279	25
300	9583	0	-31.8	22.6	0	97	249	42	300	9604	0	-31.5	16.4	0	98	259	41	300	9685	0	-30.2	25.4	0	92	275	23
500	5807	0	-9.8	18.3	0	95	253	25	500	5817	0	-9.1	16.7	0	94	261	23	500	5863	0	-6.1	27.5	0	85	278	13
700	3133	0	4.8	15.8	0	77	250	10	700	3140	0	5.5	13.3	0	90	260	11	700	3156	0	8.3	22.4	0	57	267	5
850	1533	0	10.0	2.4	0	10	21	1	850	1533	0	11.8	6.1	0	18	267	2	850	1534	0	13.7	9.2	0	18	55	2
1016	* 20		20.9	5.8					1017	* 8		21.2	5.0					1016	* 9		23.4	5.1				
ASIA - CHINA HAILAR 50527 DEC 2004 4913N 11945E OB 3									ASIA - CHINA URUMQI 51463 DEC 2004 4347N 08737E OB 3									ASIA - CHINA BEIJING 54511 DEC 2004 3956N 11617E OB 3								
030	23318	3	-54.2	7.8	3		259	32	030	23436	4	-59.6	5.3	6	96	278	27	030	23598	0	-52.7	22.4	0		257	23
050	20056	1	-55.9	7.2	1	96	267	27	050	20255	3	-60.9	6.0	3	96	278	24	050	20339	0	-57.2	21.2	0		260	23
100	15644	1	-55.2	6.5	1	96	276	25	100	15947	1	-59.9	6.1	1	96	280	26	100	15969	0	-57.6	17.2	0	97	267	33
150	13056	0	-54.6	5.9	0	96	282	24	150	13407	1	-59.1	6.6	1	97	280	31	150	13400	0	-56.0	16.8	0		265	36
200	11219	0	-55.8	5.3	0	96	289	23	200	11613	0	-60.8	6.3	0	97	278	30	200	11568	0	-56.3	15.8	0	95	269	35
300	8657	0	-56.4	4.5	0	88	302	23	300	9057	0	-51.8	5.9	0	93	277	27	300	8993	0	-52.1	14.1	0	89	279	31
500	5281	0	-37.1	4.8	0	85	311	17	500	5552	0	-25.8	7.6	0	95	283	18	500	5506	0	-27.5	16.4	0	92	285	22
700	2884	0	-23.5	5.1	0	83	319	10	700	3032	0	-10.0	8.5	0	29	305	2	700	3007	0	-12.5	16.6	0	92	289	12
850	1448	0	-18.3	3.3	0	83	312	5	850	1524	0	-7.8	3.4	0	33	101	2	850	1508	0	-6.9	14.9	0	70	307	7
952	* 611		-25.7	2.8					917	* 919		-9.4	2.2					1025	* 55		-2.9	7.2				

UPPER AIR

DECEMBER 2004

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 LHASA 55591 DEC 2004 2940N 09108E OB 3								ASIA - CHINA KUNMING 56778 DEC 2004 2501N 10241E OB 3								ASIA - CHINA SHANGHAI 58362 DEC 2004 3124N 12128E OB 3										
030	23670	10	-58.3		9	88	296	7	030	23725	5	-54.7		9	17	169	1	030	23734	0	-54.6		0	78	242	7
050	20515	8	-65.9		9	90	275	9	050	20527	2	-65.6		9	67	266	6	050	20510	0	-60.7		0		251	15
100	16376	4	-69.8		4	97	278	38	100	16466	0	-74.2		9	94	274	31	100	16290	0	-67.0	19.8	0		256	41
150	13921	3	-62.1	9.3	3	96	279	47	150	14044	0	-63.7	11.3	3	96	268	44	150	13806	0	-59.9	23.3	0	98	251	56
200	12108	1	-54.8	9.4	1	96	283	49	200	12234	0	-52.7	13.5	1	94	268	47	200	11976	0	-52.1	22.0	0	97	250	60
300	9440	1	-40.8	10.8	1	97	290	36	300	9518	0	-36.0	15.7	0	93	275	39	300	9295	0	-41.7	21.3	0	96	252	45
500	5760	0	-12.7	14.4	0	91	274	10	500	5782	0	-9.6	19.5	0	92	276	22	500	5672	0	-18.6	21.5	0	95	265	21
655	*3650		-5.0	10.4					700	3116	0	1.6	7.5	0	80	266	8	700	3086	0	-3.7	22.8	0	73	264	8
									814	*1892		5.7	3.5					850	1534	0	2.0	18.6	0	29	292	2
																		1026	* 4		7.4	2.8				
AFRICA - MADEIRA FUNCHAL 08522 DEC 2004 3238N 01654W OB 3								AFRICA - MOROCCO CASABLANCA 60155 DEC 2004 3334N 00740W OB 1								AFRICA - ALGERIA DAR-EL-BEIDA 60390 DEC 2004 3643N 00315E OB 3										
030	23676	2	-59.4		3	88	291	4	030	23656				9	90	267	11	030								
050	20518	2	-64.3		3	75	310	2	050	20487				6	80	299	6	050								
100	16308	2	-65.5		2	80	305	6	100	16246				6	88	290	14	100	16172	3	-61.2		7	86	270	13
150	13806	1	-61.1		1	75	311	8	150	13726				6	81	281	16	150	13635	0	-57.6		2	72	270	16
200	12009	0	-58.1		0	59	318	7	200	11901				5	64	299	13	200	11812	0	-55.8		2	64	270	17
300	9384	0	-44.1		1	43	334	5	300	9272				4	50	301	12	300	9195	0	-47.3		1	38	280	10
500	5749	0	-16.0	23.7	1	58	10	5	500	5670				3	35	318	5	500	5625	0	-20.5	18.4	0	39	290	6
700	3127	0	1.2	25.8	0	64	37	4	700	3074				3	29	316	3	700	3055	0	-4.5	12.6	1	45	290	5
850	1547	0	6.5	8.1	0	65	41	3	850	1507				3	24	320	2	850	1502	0	4.0	6.5	7	49	290	4
1016	* 56		18.6	8.7					1012	* 62		13.0	2.4					1016	* 25		12.9	3.8				
AFRICA - ALGERIA BECHAR 60571 DEC 2004 3137N 00214W OB 3								AFRICA - ALGERIA IN SALAH 60630 DEC 2004 2712N 00228E OB 2								AFRICA - ALGERIA TAMANRASSET 60680 DEC 2004 2247N 00531E OB 3										
030									030									030	23734	4	-55.0		4	48	230	3
050	20500	3	-62.7		7	80	270	9	050	20529	9	-60.4		9	93	250	13	050	20538	0	-64.4		0	92	270	8
100	16259				4	93	270	18	100	16336	5	-67.9		7	98	250	29	100	16431	0	-72.3		1	96	260	31
150	13750	0	-59.4		4	88	270	26	150	13867	4	-62.2		5	96	260	43	150	14016	0	-66.1		0	98	250	45
200	11933	0	-55.8		5	81	270	27	200	12073	4	-57.5		3	96	250	46	200	12233	0	-56.5		0	97	250	46
300	9295	0	-44.3		4	68	270	12	300	9424	3	-40.7		3	90	250	35	300	9554	0	-37.0	16.5	0	97	260	37
500	5683	0	-18.2	24.0	3	68	280	12	500	5748	3	-13.9	25.3	3	94	260	23	500	5820	0	-10.3	26.7	0	92	260	19
700	3088	0	-2.5	18.3	2	53	290	6	700	3110	3	2.6	24.5	3	77	250	10	700	3147	0	6.2	24.8	0	81	260	9
850	1525	0	5.9	11.7	2	25	320	2	850	1518	3	10.5	23.7	3	17	260	2	850	1526	0	18.0	30.7	0	51	200	3
927	* 773		11.9	12.6					986	* 293		18.3	16.9					866	*1378		20.5	26.8				

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
AFRICA - SENEGAL DAKAR/YOFF 61641 DEC 2004 1444N 01730W OB 3									AFRICA - MAURITIUS VACOAS (MAURITIUS) 61995 DEC 2004 2018S 05730E OB 3									AFRICA - OCEAN ISLANDS (FRANCE) MARTIN DE VIVIES (ILE AMSTER) 61996 DEC 2004 3748S 07732E OB 2								
030	23746	1	-56.0	31.0	3	72	85	5	030									030	23832	7	-52.4		9	18	126	1
050	20570	0	-65.7	26.0	3	75	260	4	050									050	20583	0	-59.7		0	75	262	6
100	16526	0	-75.4	16.5	1	97	260	21	100	16568	2	-76.2		8	72	260	5	100	16323	0	-64.6		0	92	260	23
150	14145	0	-68.5	12.9	1	94	270	27	150	14182	1	-66.9		7	87	255	14	150	13834	0	-62.2		0	91	260	30
200	12372	0	-55.8	10.8	1	92	275	29	200	12398	0	-54.2		2	88	260	17	200	12049	0	-58.2		0	85	253	32
300	9660	0	-33.3	11.1	0	91	260	20	300	9671	0	-32.4	15.5	1	90	270	11	300	9394	0	-39.6		1	88	256	30
500	5868	0	-7.1	13.8	1	88	260	8	500	5867	0	-6.1	20.5	1	71	295	5	500	5698	0	-13.2	18.8	1	92	259	25
700	3168	0	8.8	11.2	0	74	210	5	700	3157	0	9.1	16.7	0	39	360	2	700	3057	0	1.8	15.3	1	92	259	18
850	1527	0	19.8	18.2	0	15	285	1	850	1527	0	15.6	4.7	0	77	45	4	850	1475	1	7.2	9.6	2	93	264	13
1010	* 24		23.5	6.4					966	* 425		26.0	5.2					1009	* 29		16.0	4.0				
AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 DEC 2004 0902N 03845E OB 2									AFRICA - CENTRAL AFRICAN REPUBLIC BANGUI 64650 DEC 2004 0424N 01831E OB /									AFRICA - CHAD NDJAMENA 64700 DEC 2004 1208N 01502E OB /								
030									030									030	23699		-58.0	30.1	9	63	80	4
050	20540	1	-67.5		1	67	261	9	050									050	20553		-67.8	18.2	8	65	300	4
100	16550	0	-80.2	18.4	0	50	294	8	100									100	16556		-79.3	13.4	3	75	250	6
150	14200	0	-67.9	18.5	0	67	300	12	150									150	14191		-68.4	33.2	3	86	240	18
200	12420	0	-53.7	21.4	0	55	263	11	200									200	12410		-54.4	12.8	3	88	220	15
300	9680	0	-31.6	32.6	0	38	309	8	300									300	9681		-32.2	21.2	3	88	270	9
500	5867	0	-5.3	37.4	3	71	79	7	500	5901	6	-5.1	22.1				500	5874		-3.2	32.3	3	53	110	4	
700	3151	0	11.4	12.1	3	99	113	4	700	3187	4	10.1	13.2				700	3159		10.2	27.1	3	10	60	1	
772	*2354		23.2	14.9					850	1540	3	21.2	14.3				850	1514		21.1	29.0	3	45	40	2	
									968	* 366		26.0	6.0				979	* 295		20.8	17.9					
AFRICA - SOUTH AFRICA PIETERSBURG 68174 DEC 2004 2350S 02925E OB 2									AFRICA - SOUTH AFRICA BETHLEHEM 68461 DEC 2004 2825S 02833E OB									AFRICA - SOUTH AFRICA DE AAR 68538 DEC 2004 3065S 02400E OB 3								
030	23779	15	-57.1						030	23805	15	-56.5						030	23831	7	-56.2					
050	20620	6	-67.5						050	20640	5	-67.0						050	20653	3	-65.3					
100	16586	3	-77.0						100	16563	1	-73.7						100	16540	1	-71.3		9	99	279	14
150	14204	2	-66.0						150	14146	1	-64.2						150	14097	1	-62.8		9	99	277	23
200	12409	2	-53.2	12.9					200	12345	0	-54.2	16.0				200	12294	1	-54.7	17.0	9	99	273	22	
300	9671	2	-31.5	15.4					300	9631	0	-34.0	17.4				300	9600	1	-36.1	17.6	9	99	272	14	
500	5863	1	-6.5	9.9					500	5852	0	-8.1	14.8				500	5846	1	-8.9	21.3	9	99	278	12	
700	3155	1	9.4	7.0					700	3154	0	9.7	7.9				700	3152	1	9.8	11.9	7	99	305	6	
850	1514	1	18.7	6.5					833	*1687		14.9	2.0				850	1494	1	25.6	21.4	2	99	303	4	
879	*1237		19.8	4.9														870	*1287		29.9	23.9				

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 - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 DEC 2004 2997S 03095E OB 3									AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 DEC 2004 3397S 01860E OB 3									AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 DEC 2004 3398S 02562E OB 3								
030	23834	10	-56.6		9	99	89	8	030	23843	10	-56.4		9	99	92	6	030	23839	8	-56.1		7	99	104	8
050	20668	3	-66.3		5	99	89	4	050	20663	5	-63.6		4	99	13	3	050	20661	4	-64.8		3	99	3	3
100	16569	2	-72.0		3	99	276	12	100	16485	1	-67.9		0	99	287	18	100	16494	2	-68.9		1	99	285	18
150	14139	2	-63.8		3	99	266	20	150	14016	1	-61.7		0	99	282	22	150	14032	2	-62.5		1	99	280	22
200	12339	1	-54.6	14.0	2	99	274	22	200	12216	1	-56.0	11.7	0	99	280	21	200	12237	2	-56.3	11.9	1	99	287	23
300	9632	1	-34.4	15.6	3	99	274	12	300	9533	1	-36.8	17.5	0	99	281	18	300	9554	2	-36.5	16.1	1	99	287	16
500	5860	1	-7.8	18.4	2	99	259	6	500	5792	1	-9.5	25.2	0	99	288	12	500	5805	2	-9.1	24.0	1	99	284	12
700	3160	1	9.4	10.8	1	99	291	2	700	3112	1	6.9	28.5	0	99	290	7	700	3120	2	7.6	16.3	1	99	292	6
850	1521	1	17.5	6.4	1	99	331	2	850	1496	1	14.4	17.4	0	99	180	2	850	1497	2	14.6	9.8	1	99	121	2
1012	* 14		22.6	2.6					1008	* 46		18.7	4.1					1005	* 69		19.2	2.1				
AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 DEC 2004 4021S 00953W OB 3									N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 DEC 2004 7118N 15647W OB 3									N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 DEC 2004 6652N 16238W OB 3								
030	23812	0	-52.4		0	65	277	4	030	22670	2	-69.5	7.9	3	95	265	43	030	22919	5	-62.7	18.6	6	96	259	48
050	20558	0	-58.5		0	91	275	12	050	19608	0	-67.2	8.1	1	97	262	34	050	19875	5	-60.8	18.8	6	97	257	37
100	16255	0	-62.0		0	94	272	26	100	15377	0	-62.0	8.6	1	97	260	23	100	15519	4	-58.0	18.8	4	97	251	25
150	13726	0	-58.4		0	93	271	34	150	12854	0	-59.5	8.7	0	96	258	19	150	12953	3	-56.1	16.4	3	94	246	19
200	11912	0	-56.9	14.2	0	89	267	39	200	11052	0	-59.4	8.2	0	94	257	15	200	11125	3	-56.9	12.1	4	88	242	16
300	9268	0	-42.2	11.8	0	82	268	32	300	8519	0	-58.0	7.9	0	73	253	13	300	8571	2	-56.1	7.5	3	70	237	16
500	5622	0	-16.9	13.9	0	81	267	21	500	5163	0	-38.0	9.2	0	40	246	5	500	5181	1	-35.0	9.7	1	59	222	9
700	3017	0	-1.5	14.1	0	79	266	15	700	2774	0	-23.8	8.5	0	14	99	2	700	2759	1	-20.0	9.3	2	22	214	2
850	1449	0	4.8	8.6	0	73	262	11	850	1340	0	-18.6	6.9	2	28	87	3	850	1301	1	-14.6	4.4	2	31	142	3
1007	* 54		10.9	3.1					1016	* 4		-22.3	2.4					1009	* 5		-16.3	2.7				
N AMERICA - USA (ALASKA) NOME 70200 DEC 2004 6430N 16526W OB 3									N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 DEC 2004 6110N 15001W OB 3									N AMERICA - USA (ALASKA) COLD BAY 70316 DEC 2004 5512N 16243W OB 3								
030	23168	4	-60.4	18.5	6	97	260	46	030	23416	2	-58.3	19.9	6	97	270	41	030	23713	1	-51.5	23.1	1	97	264	27
050	19974	3	-58.3	18.2	4	97	254	37	050	20190	1	-56.3	19.6	2	96	266	32	050	20392	1	-51.1	23.3	1	96	253	23
100	15595	3	-55.6	18.1	4	97	248	24	100	15776	0	-54.6	19.0	1	93	259	24	100	15892	0	-51.0	22.2	0	93	246	21
150	13006	3	-54.5	16.6	5	95	242	18	150	13175	0	-53.8	16.6	0	86	254	22	150	13254	0	-51.1	20.8	0	89	243	21
200	11166	3	-55.8	13.1	4	93	235	18	200	11334	0	-55.8	11.5	1	83	248	22	200	11386	0	-51.6	17.6	0	88	238	21
300	8592	3	-54.9	8.0	5	75	222	15	300	8758	0	-52.2	7.8	0	65	233	19	300	8761	0	-49.8	11.7	0	75	241	20
500	5195	2	-33.9	8.6	2	61	227	10	500	5284	0	-29.1	7.2	0	48	221	8	500	5286	0	-29.9	9.2	0	69	232	12
700	2763	1	-19.1	8.1	2	38	214	4	700	2805	0	-14.5	9.8	1	39	182	6	700	2805	0	-13.4	11.3	1	50	240	7
850	1298	1	-12.6	4.7	1	17	163	2	850	1312	0	-6.7	7.1	0	38	125	4	850	1304	0	-6.0	5.4	1	26	221	4
1006	* 7		-11.1	2.9					998	* 40		-5.6	2.8					998	* 31		.5	2.3				

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DECEMBER 2004

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) YAKUTAT 70361 DEC 2004 5931N 13940W OB 3									N AMERICA - USA (ALASKA) SHEMYA AFB 70414 DEC 2004 5243N 17406E OB 3									N AMERICA - USA KEY WEST/INT., FL. 72201 DEC 2004 2433N 08145W OB								
030	23461	4	-58.6	17.1	7	94	286	37	030									030	23746	3	-55.9	11.5	3	57	287	4
050	20251	2	-57.1	17.2	6	94	276	29	050									050	20567	0	-65.6	8.6	0	68	257	4
100	15845	0	-55.1	17.0	4	92	271	25	100									100	16476	0	-73.1	7.6	0	94	262	21
150	13253	0	-54.9	15.0	4	88	270	23	150									150	14060	0	-65.6	8.5	0	95	261	30
200	11417	0	-55.6	11.5	4	85	271	22	200									200	12274	0	-56.2	9.7	1	92	261	30
300	8830	0	-51.3	8.1	3	65	271	18	300	8678	14	-54.2					300	9587	1	-36.4	11.3	1	89	261	24	
500	5341	0	-28.1	7.9	0	59	244	12	500	5236	11	-32.9	12.1				500	5840	0	-9.3	20.4	0	88	261	12	
700	2848	0	-12.9	7.6	0	51	203	6	700	2787	11	-16.9	15.4				700	3156	0	7.1	19.7	0	56	262	5	
850	1344	0	-5.0	4.7	0	45	165	5	850	1310	11	-9.6	6.3				850	1543	0	11.4	5.8	0	12	148	1	
1005	* 9		-.3	1.5					1000	* 31		1.1	4.9				1019	* 6		20.0	4.2					
N AMERICA - USA SHREVEPORT/REG., LA. 72248 DEC 2004 3228N 09347W OB 2									N AMERICA - USA NEWPORT, NC 72305 DEC 2004 3447N 07653W OB 2									N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 DEC 2004 3615N 08634W OB 3								
030	23649	3	-60.5	19.2					030	23618	3	-59.8	19.0					030	23607	1	-60.1	10.4	9		279	14
050	20487	3	-63.6	16.8					050	20458	1	-63.7	16.1					050	20442	0	-62.7	9.6	9		281	13
100	16287	2	-66.9	14.2					100	16242	1	-65.5	14.3					100	16184	0	-63.2	9.2				
150	13812	1	-62.1	13.2					150	13752	1	-61.0	13.4					150	13669	0	-59.5	9.5				
200	12021	1	-57.6	10.8					200	11959	0	-57.1	10.8					200	11862	0	-56.8	9.5				
300	9375	1	-41.5	11.1	6	93	261	33	300	9316	0	-42.0	10.1				300	9223	0	-43.6	11.0	7	86	272	30	
500	5714	0	-15.4	19.1	4	91	268	22	500	5669	0	-16.7	17.1	7	83	259	19	500	5611	0	-19.0	12.9	2	84	270	22
700	3091	0	.5	21.3	1	83	272	12	700	3063	0	-1.9	19.8	3	82	255	15	700	3030	0	-5.1	10.7	1	83	275	15
850	1519	0	5.8	15.4	3	64	272	7	850	1498	0	4.3	13.7	3	73	258	9	850	1486	0	.5	9.5	2	74	277	9
1012	* 79		5.1	3.3					1019	* 11		4.0	2.2				1000	* 180		1.9	3.5					
N AMERICA - USA STERLING, VA. 72403 DEC 2004 3859N 07728W OB 3									N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 DEC 2004 4108N 10041W OB 3									N AMERICA - USA MEDFORD/MEDFORD- JACKSON COU 72597 DEC 2004 4222N 12252W OB 3								
030	23541	0	-61.4	18.8	6	95	268	18	030	23598	0	-60.6	20.2	2	86	298	14	030	23713	0	-58.1	11.8	3	88	344	10
050	20388	0	-63.2	17.8	5	96	270	15	050	20421	0	-60.5	19.4	3	91	286	13	050	20507	0	-58.9	11.2	5	90	327	8
100	16115	0	-61.5	16.8	8	96	258	26	100	16110	1	-60.1	18.7	6	92	277	21	100	16187	0	-60.2	10.5	7	79	299	12
150	13582	0	-58.0	15.8	8	94	263	33	150	13558	1	-57.2	17.3	7	87	283	26	150	13654	0	-59.2	10.6	8	65	290	14
200	11766	0	-56.9	13.1	5	90	262	39	200	11738	1	-56.8	13.1	5	79	290	26	200	11848	0	-57.5	10.3	6	54	286	14
300	9140	0	-45.4	11.4	1	84	259	36	300	9131	1	-47.5	9.0	2	71	285	25	300	9227	0	-45.6	9.7	4	47	281	13
500	5557	0	-21.3	14.5	1	84	260	24	500	5566	1	-21.7	13.5	1	79	294	20	500	5632	0	-19.4	8.3	2	55	266	11
700	2993	0	-6.3	15.3	0	83	264	17	700	3011	1	-6.4	11.8	1	87	307	12	700	3046	0	-3.0	8.6	1	50	256	7
850	1460	0	-2.2	7.9	1	64	275	10	850	1468	1	2.0	11.6	2	82	320	12	850	1487	0	4.2	6.9	0	49	176	3
1009	* 98		-.8	3.1					918	* 849		-5.3	1.8				972	* 405		2.8	.6					

UPPER AIR

DECEMBER 2004

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	%
N AMERICA - USA CHANHASSEN, MN 72649 DEC 2004 4451N 09334W OB 2								N AMERICA - USA INT. FALLS/FALLS INT. MN. 72747 DEC 2004 4834N 09323W OB 3								N AMERICA - USA BISMARCK/MUN., ND. 72764 DEC 2004 4646N 10045W OB 3															
030	23475	1	-62.5	18.7	1	88	291	19	030	23399	5	-63.1	18.3	5	91	292	20	030	23461	2	-62.5	12.1									
050	20314	0	-60.7	18.5	2	93	288	19	050	20236	4	-59.8	18.5	4	94	292	22	050	20305	0	-60.5	12.3	9		289	16					
100	15964	0	-57.1	19.3	2	93	283	25	100	15866	2	-55.7	19.2	2	93	294	24	100	15957	0	-57.5	12.2	9	94	287	21					
150	13386	0	-55.2	17.1	2	89	286	28	150	13278	2	-54.2	17.3	2	90	292	24	150	13388	0	-56.0	11.2	9	91	280	22					
200	11552	0	-55.8	13.7	2	86	286	31	200	11439	2	-55.6	13.0	2	87	292	25	200	11563	0	-57.6	10.1	9	86	284	23					
300	8951	0	-49.6	8.6	2	79	289	28	300	8844	2	-51.0	8.0	2	82	300	23	300	8974	0	-49.5	9.2	4	71	302	21					
500	5433	0	-25.4	11.8	0	83	294	22	500	5361	1	-27.7	9.9	1	80	301	16	500	5451	0	-25.5	8.5	6	81	295	16					
700	2917	0	-11.4	9.7	0	78	292	13	700	2870	1	-14.0	9.6	1	82	297	12	700	2932	0	-10.3	7.2	8	82	299	13					
850	1409	0	-5.9	7.9	1	59	286	8	850	1379	1	-9.7	6.6	1	64	300	7	850	1418	0	-5.4	4.6	8	54	284	6					
981	* 287		-6.6	2.9					971	* 361		-12.9	2.0					955	* 506		-6.5	3.3									
N AMERICA - USA SPOKANE, WA 72649 DEC 2004 4451N 09334W OB 2								N AMERICA - CANADA NORMAN WELLS UA, N.W.T. 71043 DEC 2004 6517N 12645W OB 3								N AMERICA - CANADA HALL BEACH UA, N.W.T. 71081 DEC 2004 6846N 08113W OB 3															
030	23615	1	-60.1	13.9	4	89	315	17	030	23065	3	-64.9	21.7		94	292	45	030	22863	17	-64.7	22.1			90	267	24				
050	20421	1	-59.4	13.4	6	93	306	14	050	19928	2	-62.0	22.0		95	292	39	050	19428	6	-67.1	19.9	7	89	284	19					
100	16077	1	-59.1	12.7	7	92	292	16	100	15602	0	-58.3	21.0		96	291	29	100	15152	2	-62.0	20.2	3	88	288	13					
150	13525	1	-58.0	12.0	7	83	287	18	150	13041	0	-57.1	18.1	9	95	291	27	150	12623	2	-58.4	19.4	2	82	294	10					
200	11715	1	-57.7	10.6	6	77	283	21	200	11222	0	-58.1	13.3		94	292	25	200	10810	2	-57.5	16.0	3	71	295	8					
300	9121	1	-48.0	9.6	3	70	282	22	300	8676	1	-55.5	8.0		88	294	22	300	8256	2	-58.9	8.4	4	42	295	6					
500	5564	1	-22.5	9.8	2	69	280	14	500	5254	0	-32.9	8.8		84	290	14	500	4958	1	-43.3	7.2	2	42	305	5					
700	3014	1	-6.9	6.2	2	68	270	8	700	2811	0	-19.3	7.5		55	276	6	700	2625	1	-30.2	9.4	4	45	308	4					
850	1477	1	-1.1	5.8	3	68	232	6	850	1355	0	-15.7	5.8	9	25	260	2	850	1233	1	-27.0	5.6	5	48	312	3					
933	* 728		-1.4	1.3					1011	* 95		-26.8	5.4					1008	* 6		-34.6	3.8									
N AMERICA - CANADA ALERT UA, N.W.T. 71082 DEC 2004 8230N 06220W OB 3								N AMERICA - CANADA PORT HARDY UA, B.C. 71109 DEC 2004 5041N 12722W OB 3								N AMERICA - CANADA EDMONTON STONY PLAIN, ALTA 71119 DEC 2004 5332N 11406W OB 3															
030									030	23685	1	-57.9	23.2	1	89	313	20	030	23467	2	-61.4	22.1	3	89	307	27					
050	19444	18	-68.5	19.5		86	231	15	050	20459	0	-57.5	22.1	1	90	301	18	050	20293	0	-58.9	22.6	3	95	301	25					
100	15050	1	-67.6	15.4	3	30	184	3	100	16063	0	-57.1	19.8	0	84	290	19	100	15916	0	-56.8	21.2	3	94	297	25					
150	12579	0	-63.4	14.7	2	33	141	4	150	13489	0	-56.0	17.0	0	84	280	23	150	13339	0	-56.1	17.6	3	90	296	27					
200	10806	0	-62.2	12.6	2	43	128	5	200	11653	1	-56.5	13.0	1	78	279	25	200	11518	0	-57.5	11.8	3	87	297	28					
300	8296	0	-60.2	7.1	2	41	119	6	300	9060	0	-48.4	7.5	0	66	269	22	300	8942	0	-51.2	7.3	3	78	296	28					
500	4989	0	-41.7	7.4	1	30	108	4	500	5508	0	-23.2	10.2	0	65	261	14	500	5432	0	-26.1	10.1	2	81	298	19					
700	2638	0	-28.2	7.9	1	16	77	2	700	2969	0	-8.7	7.9	0	55	259	8	700	2920	0	-10.8	7.8	2	82	299	13					
850	1233	0	-25.4	5.3	1	21	301	2	850	1439	0	-8.8	2.9	0	41	228	4	850	1409	0	-5.6	7.9	2	70	302	9					
1005	* 65		-33.3	3.7					1013	* 17		4.9	1.4					923	* 766		-8.6	4.3									

UPPER AIR

DECEMBER 2004

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 SABLE ISLAND, N.S. 71600 DEC 2004 4356N 06001W OB 3									N AMERICA - CANADA YARMOUTH, N.S. 71603 DEC 2004 4352N 06606W OB 3									N AMERICA - CANADA MANIWAKI, QUE. 71722 DEC 2004 4623N 07558W OB 3								
030	23493	3	-63.6	24.1	5	97	259	22	030	23501	1	-63.0	20.3	2	97	260	22	030	23416	4	-63.2	20.6	4	96	269	22
050	20353	2	-62.6	23.0	2	97	253	20	050	20342	0	-61.3	20.2	1	97	258	22	050	20254	4	-60.5	20.8	4	97	266	22
100	16053	1	-60.7	21.8	1	95	250	28	100	16029	0	-58.7	20.0	0	95	254	28	100	15891	2	-56.8	20.8	3	96	262	25
150	13527	0	-58.6	19.5	1	93	251	37	150	13465	2	-56.2	19.1	2	94	254	37	150	13307	2	-54.5	20.0	2	93	262	28
200	11709	0	-57.8	14.9	1	90	248	41	200	11650	0	-57.4	13.7	0	89	254	41	200	11471	1	-55.2	15.7	2	91	262	33
300	9096	0	-45.9	10.9	1	86	248	38	300	9043	0	-46.8	10.2	1	84	252	37	300	8866	1	-49.5	10.7	0	80	262	29
500	5512	0	-21.4	12.8	0	89	249	29	500	5475	0	-22.6	13.2	0	87	253	28	500	5360	1	-27.3	10.4	0	81	264	20
700	2954	0	-7.0	14.3	0	87	250	20	700	2932	0	-9.0	11.6	0	82	258	16	700	2869	1	-14.7	6.6	1	78	265	13
850	1425	0	-2.5	10.8	0	76	251	11	850	1415	0	-4.2	8.1	0	63	267	9	850	1385	1	-10.6	5.5	0	51	265	6
1016	* 4		2.8	5.9					1011	* 9		-1.8	2.2					993	* 173		-12.3	1.9				
N AMERICA - CANADA ST. JOHN'S UA,NFLD 71801 DEC 2004 4737N 05245W OB 3									N AMERICA - CANADA SEPT-ILES UA,QUE. 71811 DEC 2004 5013N 06615W OB 3									N AMERICA - CANADA STEPHENVILLE UA,NFLD 71815 DEC 2004 4834N 05834W OB 3								
030	23434	4	-64.5	21.0	9	95	256	20	030	23274	1	-64.8	20.3	1	97	259	26	030	23360	1	-65.4	19.6	4	99	257	25
050	20309	3	-63.3	21.1	7	97	253	21	050	20126	0	-62.1	20.7	1	97	257	26	050	20233	1	-62.7	20.4	4	97	252	25
100	16013	2	-59.9	20.6	7	97	247	26	100	15787	0	-57.4	21.2	0	95	252	29	100	15916	0	-58.6	19.7	2	96	248	29
150	13466	3	-58.0	18.6	7	94	247	31	150	13207	0	-54.7	20.2	0	94	251	30	150	13355	0	-56.0	18.7	2	93	248	34
200	11650	3	-56.7	14.9	6	91	245	35	200	11367	0	-54.8	16.8	1	91	252	32	200	11529	0	-56.2	15.6	3	89	246	37
300	9032	3	-46.6	11.3	6	86	245	32	300	8763	0	-50.7	10.7	1	84	251	30	300	8912	0	-47.7	11.1	3	83	245	37
500	5461	2	-23.2	11.4	2	88	243	26	500	5283	0	-29.7	9.4	0	83	253	21	500	5376	0	-25.6	10.2	1	84	251	25
700	2926	2	-9.7	14.4	1	86	244	17	700	2817	0	-17.5	7.7	0	74	257	12	700	2871	0	-12.7	11.5	1	80	251	15
850	1410	2	-4.8	10.5	1	75	243	12	850	1349	0	-13.5	5.5	0	54	273	7	850	1378	0	-9.1	5.5	1	63	246	9
997	* 140		-1.9	2.3					1007	* 53		-12.9	2.7					1010	* 60		-2.2	2.9				
N AMERICA - CANADA GOOSE UA,NFLD. 71816 DEC 2004 5318N 06022W OB 3									N AMERICA - CANADA LA GRANDE IV,QUE. 71823 DEC 2004 5345N 07340W OB 3									N AMERICA - CANADA MOOSONEE,ONT. 71836 DEC 2004 5116N 08039W OB 3								
030	23195	1	-65.8	18.7	4	96	260	28	030	23108	4	-65.1	22.0	3	96	267	28	030	23245	5	-63.3	21.4		95	273	28
050	20067	1	-62.2	20.3	3	97	255	27	050	19971	4	-61.5	23.0	2	96	264	26	050	20071	3	-60.2	22.5		95	272	26
100	15724	1	-56.7	21.7	2	97	249	29	100	15619	2	-56.6	23.4	1	96	262	25	100	15704	2	-55.9	22.0		95	271	24
150	13139	0	-55.0	19.7	2	94	249	29	150	13034	2	-54.5	21.6	2	93	265	24	150	13128	0	-54.0	20.8		92	271	24
200	11301	0	-55.0	15.5	2	91	249	30	200	11197	1	-55.0	17.0	2	91	264	26	200	11276	0	-54.5	16.2	9	89	274	25
300	8701	0	-51.2	9.7	1	84	249	28	300	8610	1	-53.8	9.9	1	83	267	25	300	8685	0	-52.8	9.0	9	82	275	23
500	5242	0	-30.9	9.7	0	79	253	18	500	5191	1	-34.1	8.3	1	82	270	16	500	5242	0	-31.9	8.8	8	77	284	16
700	2785	0	-18.2	7.7	0	60	259	9	700	2770	1	-22.0	9.2	1	74	277	10	700	2799	0	-19.7	9.7	8	72	284	9
850	1320	0	-14.2	6.8	0	38	281	5	850	1330	1	-19.0	7.2	0	60	272	6	850	1346	0	-15.7	8.4	8	55	296	6
1005	* 36		-13.2	4.3					976	* 307		-23.8	4.2					1016	* 10		-20.5	3.3				

UPPER AIR

DECEMBER 2004

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
N AMERICA - CANADA PICKLE LAKE, ONT. 71845 DEC 2004 5127N 09012W OB 2									N AMERICA - CANADA THE PASS UA, MAN 71867 DEC 2004 5358N 10106W OB 3									N AMERICA - CANADA KUUJJUAQ, UA, QUE. 71906 DEC 2004 5807N 06825W OB 3									
030	23279	0	-63.5	21.1	1	92	290	25	030	23316	1	-63.2	21.6	1	92	302	27	030	22869	9	-67.8	18.9	9	96	262	32	
050	20117	0	-60.0	22.1	1	95	291	24	050	20150	1	-59.9	22.4	0	94	301	26	050	19745	6	-64.7	19.1	8	96	259	30	
100	15745	0	-56.3	22.7	0	95	291	24	100	15777	0	-56.5	21.4	0	94	303	26	100	15450	6	-58.9	19.7	6	96	256	26	
150	13156	0	-54.2	21.2	0	92	293	24	150	13196	0	-55.3	19.6	0	93	303	27	150	12880	5	-56.1	18.5	6	94	256	24	
200	11313	0	-55.1	17.1	0	88	294	24	200	11363	0	-56.3	14.1	0	90	304	29	200	11049	5	-56.1	15.4	7	91	255	23	
300	8725	0	-52.4	10.7	0	84	300	24	300	8792	0	-52.7	8.1	0	85	306	29	300	8499	4	-55.9	8.5	6	82	256	23	
500	5268	0	-31.1	10.1	0	81	300	16	500	5320	0	-29.2	10.9	0	87	304	20	500	5104	4	-36.9	7.3	5	78	253	16	
700	2815	0	-18.2	8.4	0	73	303	10	700	2847	0	-16.4	10.9	0	81	306	11	700	2710	4	-24.8	7.8	5	75	250	10	
850	1353	0	-15.9	5.6	0	46	307	5	850	1376	0	-14.2	7.5	0	50	313	5	850	1290	3	-21.3	5.2	4	53	256	6	
968	* 389		-21.1	3.1					985	* 274		-22.2	3.2						1007	* 60		-21.7	4.0				
N AMERICA - CANADA INUKJUAQ, QUE 71907 DEC 2004 5827N 07807W OB 3									N AMERICA - CANADA IQALUIT, N.W.T. 71909 DEC 2004 6345N 06833W OB 3									N AMERICA - CANADA CHURCHILL UA, MAN. 71913 DEC 2004 5844N 09405W OB 3									
030	22940	4	-65.9	21.4	4	94	276	28	030	23054	15	-63.1	25.4		92	255	21	030	22991	4	-66.2	21.0	6	94	296	33	
050	19773	0	-62.8	22.0	0	96	276	27	050	19684	8	-63.4	23.9		95	257	20	050	19862	4	-62.8	21.8	5	95	297	30	
100	15446	0	-57.1	22.7	0	95	277	22	100	15289	0	-59.6	23.6		94	251	16	100	15527	8	-57.2	22.8	8	93	300	25	
150	12868	0	-55.0	21.4	0	94	275	21	150	12735	0	-56.7	22.1		90	252	14	150	12954	8	-55.3	21.0	7	92	301	24	
200	11030	0	-54.8	17.3	0	92	275	20	200	10906	0	-55.8	17.9		85	250	13	200	11118	8	-55.5	16.9	8	91	304	25	
300	8449	0	-55.4	10.0	0	84	272	20	300	8339	0	-57.2	9.1		73	245	12	300	8558	6	-54.7	11.0	6	84	304	26	
500	5075	0	-38.1	9.8	0	78	273	13	500	5006	0	-41.2	7.2		61	231	8	500	5160	3	-36.1	12.0	3	82	305	18	
700	2698	0	-26.4	7.8	0	80	276	9	700	2654	0	-28.2	6.1		36	229	3	700	2759	3	-23.7	11.5	3	81	313	12	
850	1282	0	-22.3	7.0	0	69	269	7	850	1249	0	-24.0	4.4		23	277	2	850	1331	3	-21.0	7.8	3	73	318	10	
1009	* 6		-21.6	3.8					1003	* 34		-23.7	4.3						1014	* 29		-27.0	5.0				
N AMERICA - CANADA CORAL HARBOUR UA, N.W.T. 71915 DEC 2004 6412N 08322W OB 3									N AMERICA - CANADA EUREKA UA, N.W.T. 71917 DEC 2004 7959N 08556W OB 3									N AMERICA - CANADA RESOLUTE UA, N.W.T. 71924 DEC 2004 7442N 09458W OB 3									
030	22822	12	-66.3	22.6		91	277	27	030	22668	23	-68.0	23.0		89	246	21	030	22797	23	-64.2	25.0		88	265	28	
050	19553	4	-65.6	22.5	8	93	283	25	050	19424	18	-68.2	21.7		82	242	14	050	19447	15	-66.6	21.4		84	266	20	
100	15266	2	-59.9	24.3	6	94	286	19	100	15052	2	-66.6	17.4	7	29	310	3	100	15099	3	-65.1	16.7	5	75	306	13	
150	12718	2	-57.2	23.4	5	93	291	16	150	12570	0	-62.9	16.3	4	27	356	3	150	12604	3	-61.1	16.3	4	72	315	10	
200	10890	2	-55.8	19.3	6	88	292	15	200	10787	0	-60.9	13.9	4	32	38	4	200	10804	2	-60.0	13.3	4	64	325	9	
300	8324	2	-56.8	10.8	7	74	291	12	300	8270	0	-59.9	7.8	3	39	65	6	300	8279	2	-59.8	8.0	3	60	333	11	
500	4999	1	-41.9	7.9	6	54	296	8	500	4968	0	-42.7	6.1	3	35	66	5	500	4975	2	-42.9	7.8	2	50	335	8	
700	2654	1	-28.9	5.9	9	57	306	7	700	2629	0	-29.9	5.3	3	31	66	3	700	2638	1	-29.4	7.6	1	47	328	5	
850	1252	1	-25.0	4.3	9	38	320	4	850	1232	0	-26.0	5.0	4	22	52	2	850	1238	1	-25.4	5.3	1	43	318	4	
1001	* 57		-28.9	4.5					1008	* 10		-36.3	4.5					1000	* 40		-32.2	4.4					

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
N AMERICA - CANADA CAMBRIDGE BAY UA, N.W.T. 71925 DEC 2004 6908N 10504W OB 3									N AMERICA - CANADA BAKER LAKE UA, N.W.T. 71926 DEC 2004 6419N 09600W OB 3									N AMERICA - CANADA FORT SMITH UA, N.W.T. 71934 DEC 2004 6002N 11156W OB 3								
030	22829	16	-65.8	23.5		91	284	34	030	22997	15	-64.0	27.8		89	288	30	030	23212	3	-63.5	24.1	4	93	300	38
050	19567	4	-65.9	21.6	8	91	296	31	050	19728	9	-63.1	26.3	6	92	295	30	050	20041	1	-60.6	24.6	1	94	301	34
100	15295	0	-61.3	21.1	3	93	301	24	100	15387	6	-58.9	25.4	4	93	301	24	100	15684	0	-57.1	23.1	0	94	301	30
150	12761	0	-58.4	19.5	3	93	304	21	150	12823	5	-56.7	22.9	3	93	306	22	150	13109	0	-55.9	20.3	1	93	303	30
200	10948	0	-57.9	16.2	4	93	306	20	200	10996	4	-56.1	18.3	2	91	308	20	200	11284	0	-56.8	14.7	1	93	306	31
300	8407	0	-58.1	10.0	3	87	310	19	300	8431	4	-56.8	10.4	3	82	313	20	300	8714	0	-53.9	9.0	1	90	308	31
500	5069	0	-40.4	9.3	1	80	321	13	500	5080	4	-39.0	9.9	2	76	323	14	500	5273	0	-31.3	7.9	1	86	309	21
700	2705	0	-27.0	8.9	2	72	319	10	700	2710	4	-26.7	9.2	5	75	331	10	700	2821	0	-18.1	9.5	1	80	316	12
850	1290	0	-22.9	5.9	1	67	317	8	850	1297	4	-23.7	5.8	6	59	326	7	850	1358	0	-14.4	7.9	0	59	315	6
1012	* 26		-32.7	5.2					1012	* 50		-32.3	5.0					992	* 203		-23.4	1.8				
N AMERICA - CANADA FORT NELSON UA, B.C. 71945 DEC 2004 5850N 12236W OB 3									N AMERICA - CANADA INUUVIK UA, N.W.T. 71957 DEC 2004 6819N 13332W OB 3									N AMERICA - CANADA WHITEHORSE, UA, Y.T. 71964 DEC 2004 6042N 13504W OB 3								
030	23385	4	-61.2	28.1	4	93	295	34	030	22919	4	-66.2	21.9	5	94	283	46	030	23375	6	-61.4	28.6	7	94	290	37
050	20198	3	-59.7	28.6	2	95	293	30	050	19800	1	-63.8	21.2	1	95	283	38	050	20184	5	-58.7	27.6	6	94	285	30
100	15824	2	-56.2	28.4	2	94	293	27	100	15513	0	-59.6	20.8	0	95	283	29	100	15797	3	-55.5	25.9	4	93	280	26
150	13244	2	-56.2	23.6	1	93	289	27	150	12961	0	-57.7	18.3	0	94	282	25	150	13218	2	-55.6	20.5	4	91	278	24
200	11419	1	-57.4	15.7	1	91	288	27	200	11145	0	-57.8	13.8	0	94	280	24	200	11386	2	-57.8	13.8	4	84	273	24
300	8851	1	-52.3	8.9	1	85	286	26	300	8598	0	-56.7	8.2	0	91	280	25	300	8819	2	-51.7	8.5	5	69	273	20
500	5370	1	-28.6	9.2	0	85	287	16	500	5212	0	-35.4	9.5	0	86	283	13	500	5341	2	-29.0	8.2	3	64	260	12
700	2884	1	-14.0	10.5	0	73	295	11	700	2796	0	-21.3	11.3	0	42	286	4	700	2858	2	-14.2	7.4	3	67	242	9
850	1389	1	-8.0	9.0	0	46	285	5	850	1351	0	-17.7	7.7	0	13	110	1	850	1369	2	-9.3	5.5	3	44	175	4
970	* 378		-19.8	3.5					1012	* 103		-27.8	4.7					925	* 704		-11.1	3.8				
N AMERICA - JAMAICA KINGSTON/NORMAN MANLEY 78397 DEC 2004 1756N 07647W OB 3									N AMERICA - COSTA RICA JUAN SANTAMARIA 78762 DEC 2004 1000N 08413W OB 2									N AMERICA - ST. MAARTEN, ST. EUST., SABA JULIANA AIRPORT, ST. MAARTEN 78866 DEC 2004 1803N 06307W OB 2								
030									030	23745	12	-58.6			86			030	23821	15	-53.5		9	92	65	7
050									050	20588	12	-67.8			59			050	20619	15	-66.5		9	64	290	6
100	16578	19	-76.2	8.4					100	16603					33			100	16620	14	-75.0		9	70	299	9
150	14190	21	-65.6	10.0					150	14237	11	-66.8			89			150	14191	14	-64.4		9	95	295	24
200									200	12447	11	-55.5			77			200	12385	14	-53.2		9	84	288	23
300	9673	20	-33.0	16.3					300	9712	11	-31.8	29.8		56			300	9659	14	-33.1		1	82	305	12
500									500	5893	11	-5.4	16.5	9	88	78	6	500	5867	13	-6.4	23.3	0	73	335	5
700	3167	18	9.2	15.6					700	3168	9	10.1	1.1	9	96	70	10	700	3155	13	8.9	7.3	0	68	47	4
850	1536	18	16.6	4.9					850	1529	9	18.2	8.3	9	99	80	10	850	1533	13	15.2	11.0	1	88	70	6
1015	* 14		25.3	6.3					912	* 939		19.5	6.7					1016	* 9		23.9	2.7				

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
S AMERICA - BRAZIL SALVADOR 83229 DEC 2004 1301S 03831W OB 2									S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 DEC 2004 1552S 04756W OB 3									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 DEC 2004 2028S 05440W OB 2									
030									030	23788	13	-56.2						030	23791	7	-56.5			7	95	94	10
050									050	20626	4	-67.9						050	20629	2	-68.4			3	95	95	9
100									100	16601	0	-77.0						100	16607	1	-76.5			2	50	212	5
150									150	14227	0	-67.3						150	14215	0	-65.9			2	85	250	14
200	12413	15	-54.1						200	12436	0	-54.0						200	12417	0	-53.4			2	85	255	15
300	9685	9	-32.1	26.0	9	23	149	2	300	9702	0	-31.3	11.6				300	9683	0	-29.9	21.6	1	76	253	10		
500	5873	2	-5.4		8	73	73	4	500	5887	0	-5.7	12.6				500	5878	0	-5.9	26.1	1	62	234	4		
700	3158	2	9.5	27.5	4	40	108	2	700	3177	0	8.8	8.4				700	3168	0	8.6	9.7	1	55	302	3		
850	1527	2	15.7	6.5	3	77	81	4	850	1537	0	18.8	7.4				850	1530	0	18.9	7.8	1	62	348	4		
1008	* 51		28.5	5.8					897	*1061		22.2	3.9				948	* 567		25.5	7.3						
S AMERICA - BRAZIL TRINDADE (ILHA) 83650 DEC 2004 2030S 02919W OB 2									S AMERICA - BRAZIL GALEAO 83746 DEC 2004 2249S 04315W OB 2									S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 DEC 2004 2531S 04910W OB 2									
030									030	23816	13	-56.1	16.1	9	95	88	9	030	23847	15	-54.5	26.5					
050	20602	5	-67.9		6	94	89	8	050	20638	5	-63.7	9.5	6	92	95	6	050	20660	11	-65.8	22.1	9	60	84	3	
100	16570	3	-75.2		3	27	251	2	100	16581	1	-73.9	8.3	1	69	255	6	100	16566	8	-72.2	18.5	8	86	248	10	
150	14181	3	-67.6		3	73	225	8	150	14177	1	-65.8	9.4	1	84	262	16	150	14124	6	-62.5	20.4	7	96	265	23	
200	12403	2	-55.5		2	74	222	9	200	12385	1	-54.0	10.9	1	86	280	20	200	12322	4	-52.7	21.1	5	92	270	24	
300	9686	2	-33.0	18.3	2	47	259	4	300	9655	1	-32.4	11.8	1	91	295	16	300	9591	1	-33.9	22.4	1	89	273	17	
500	5888	2	-6.7	24.2	5	55	284	3	500	5855	0	-7.0	11.8	0	85	293	9	500	5826	0	-8.6	22.2	0	74	260	7	
700	3178	2	9.7	29.5	4	50	67	2	700	3153	0	7.9	6.1	0	73	302	6	700	3139	0	6.4	10.0	0	69	285	5	
850	1552	2	14.0	6.6	3	80	59	4	850	1520	0	16.8	4.2	0	65	327	4	850	1518	0	14.3	2.5	0	27	37	2	
1017	* 5		28.1	6.2					1012	* 6		25.7	4.4				913	* 908		19.2	3.1						
S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 DEC 2004 3000S 05111W OB 2									S AMERICA - CHILE ANTOFAGASTA 85442 DEC 2004 2326S 07027W OB 2									S AMERICA - CHILE ISLA DE PASCUA 85469 DEC 2004 2710S 10926W OB 1									
030									030									030	23796	2	-56.3	30.6	4	72	79	4	
050	20645	13	-64.5	22.0	9	31	9	2	050								050	20607	1	-63.8	28.4	2	48	84	2		
100	16518	7	-69.9	18.5	7	91	260	16	100	16580	5	-76.7					100	16429	1	-68.7		2	94	285	13		
150	14049	2	-60.9	19.6	3	93	264	27	150	14175	3	-65.3	22.0	5	94	278	19	150	13938	1	-64.1	20.0	3	95	281	21	
200	12232	1	-53.6	18.7	1	85	266	29	200	12370	2	-54.1	20.4	4	95	277	25	200	12193	1	-58.0	15.0	2	87	283	21	
300	9532	0	-36.6	19.6	0	77	256	17	300	9663	0	-33.9	27.9	4	88	259	14	300	9528	1	-38.6	17.0	1	80	278	15	
500	5800	0	-10.0	20.2	0	67	258	8	500	5865	0	-5.3	34.9				500	5813	1	-11.1	23.5	2	64	280	6		
700	3124	0	5.6	15.2	0	47	268	4	700	3142	0	11.3		1	35	132	2	700	3124	1	4.5	17.0	1	30	261	2	
850	1511	0	14.0	6.7	0	27	326	2	850	1501	0	16.6	24.3	2	88	36	3	850	1547	1	10.5	5.2	1	19	20	1	
1014	* 3		22.9	5.3					1001	* 140		17.8	3.9				1014	* 69		22.8	6.0						

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
S AMERICA - CHILE PUERTO MONTT 85799 DEC 2004 4126S 07306W OB 2									S AMERICA - CHILE PUNTA ARENAS 85934 DEC 2004 5300S 07051W OB 2									S AMERICA - ARGENTINA RESISTENCIA AERO. 87155 DEC 2004 2727S 05903W OB 2								
030	23782								030	23774	1	-47.8	32.9	1	30	111	2	030								
050	20545	5	-59.6						050	20436	1	-51.0	31.8	2	68	287	6	050								
100	16240	4	-61.6						100	15956	1	-53.9	30.2	4	89	288	17	100								
150	13715	4	-57.9	30.2					150	13343	1	-51.9	30.3	3	92	283	21	150	14126	7	-63.6					
200	11894	3	-56.4	21.2	5	91	279	30	200	11485	1	-53.7	25.9	4	89	288	23	200	12322	6	-53.9					
300	9268	3	-44.1	13.8	5	89	285	29	300	8877	1	-49.8	13.5	3	84	294	23	300	9608	4	-34.7	14.3	8	88	251	20
500	5640	3	-17.2	17.2	5	87	285	19	500	5365	0	-24.4	8.5	0	86	288	18	500	5841	2	-7.7	20.2	4	75	240	8
700	3042	3	-2.1	16.5					700	2836	0	-8.6	5.5	0	89	281	15	700	3140	1	11.1	18.4	4	48	217	4
850	1477	3	5.0	7.5	4	74	300	6	850	1300	0	-1.1	5.4	0	88	285	13	850	1506	1	17.4	10.8	1	32	49	2
1006	* 90		10.4	.7					993	* 43		8.3	3.7					1005	* 52		24.0	4.1				
S AMERICA - ARGENTINA CORDOBA AERO 87344 DEC 2004 3119S 06413W OB /									S AMERICA - ARGENTINA SANTA ROSA AERO 87623 DEC 2004 3634S 06416W OB /									S AMERICA - UK FALKLAND ISLANDS MOUNT PLEASANT AIRPORT 88889 DEC 2004 5149S 05827W OB								
030	23819	4	-55.1	28.3	6	44	72	3	030	23823	5	-54.3		7	34	285	2	030	23801	2	-49.0	28.7	2	33	186	2
050	20627	2	-64.4	25.7	4	52	17	4	050	20586	2	-60.4		5	49	285	3	050	20481	1	-52.9	26.9	1	84	267	8
100	16501	2	-69.7	22.5	3	94	265	20	100	16398	1	-64.4		4	97	271	23	100	16030	1	-54.8	25.3	1	93	274	18
150	14036	2	-61.0	22.8	3	93	271	30	150	13890	1	-59.4		3	94	270	30	150	13434	1	-53.8	23.0	1	92	274	24
200	12231	1	-55.4	17.7	4	93	264	30	200	12114	1	-56.9		3	84	274	28	200	11590	1	-54.7	16.9	1	89	275	27
300	9547	1	-37.3	17.6	4	91	262	23	300	9426	1	-39.3	14.1	3	78	274	23	300	8980	1	-48.6	9.5	1	86	275	29
500	5812	1	-9.5	14.2	5	86	266	13	500	5734	0	-13.6	17.2	2	88	263	15	500	5436	1	-22.9	10.2	1	88	275	20
700	3126	0	7.1	11.2	4	29	269	2	700	3118	0	3.8	12.0	2	68	261	7	700	2887	1	-6.4	9.9	1	86	273	15
850	1499	0	15.6	8.3	2	37	357	3	850	1497	0	13.8	13.0	3	21	228	2	850	1341	1	3.5	7.8	1	84	273	12
958	* 474		20.2	5.0					990	* 191		18.4	4.9					991	* 73		11.5	6.4				
ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 DEC 2004 7530S 02639W OB 2									ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 DEC 2004 6633S 09301E OB 1									ANTARCTICA - GERMANY (ANTARCTIC) NEUMAYER 89002 DEC 2004 7040S 00815W OB 2								
030	23778	9	-33.0	38.5	9	88	101	11	030	24126	3	-37.3	14.6	5	90	62	16	030	23754	1	-32.9	38.7	1	82	80	9
050	20248	4	-38.9	35.9	4	84	103	10	050	20611	2	-39.2	13.0	2	84	51	12	050	20195	1	-38.0	36.0	1	79	89	8
100	15605	3	-50.3	29.7	3	70	118	7	100	15911	2	-43.5	10.3	2	51	12	7	100	15553	1	-50.9	29.4	3	72	98	5
150	12984	3	-53.9	25.7	3	61	142	4	150	13199	2	-45.9	8.6	2	38	1	5	150	12937	1	-54.2	27.0	3	73	107	5
200	11145	3	-55.6	19.2	3	60	177	4	200	11294	2	-47.9	7.2	2	43	39	6	200	11099	0	-54.6	24.8	3	71	116	5
300	8579	3	-54.9	9.2	3	56	215	8	300	8651	2	-50.8	5.5	2	28	81	6	300	8526	0	-55.8	10.0	3	72	104	8
500	5152	3	-31.9	11.3	3	33	234	3	500	5173	2	-29.2	6.7	2	65	79	14	500	5121	0	-33.6	9.1	1	72	95	6
700	2702	3	-17.1	10.3	4	7	70	1	700	2694	2	-14.6	6.0	2	94	82	23	700	2686	0	-18.8	8.3	1	79	85	7
850	1222	3	-8.9	8.2	4	31	107	2	850	1204	2	-7.6	4.5	2	97	87	28	850	1213	0	-9.1	8.0	1	83	78	7
990	* 30		-5.0	3.0					984	* 30		-1.2	3.4					988	* 50		-2.8	2.8				

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
SW PACIFIC - KIRIBATI (NEW ZEALAND) TARAWA 91610 DEC 2004 0121N 17255E OB 3									SW PACIFIC - TUVALU (NEW ZEALAND) FUNAFUTI 91643 DEC 2004 0831S 17913E OB 3									SW PACIFIC - FIJI NANDI 91680 DEC 2004 1745S 17727E OB 3									
030	23731	8	-60.8						030	23750	6	-58.3		9	77	75	6	030	23841	12	-54.9						
050	20599	2	-67.7						050	20606	4	-67.1		7	25	307	2	050	20650	8	-65.8			7	30	43	4
100	16601	0	-82.8						100	16627	2	-82.4		6	36	67	4	100	16639	4	-80.4	15.9	1	66	266	8	
150	14257	0	-67.3		5	45	70	6	150	14280	1	-67.3		2	54	150	5	150	14277	1	-66.4	15.2	1	79	270	14	
200	12462	0	-52.4		2	34	88	4	200	12481	1	-52.0		2	54	164	4	200	12475	0	-51.9	17.4	1	80	273	13	
300	9706	0	-29.8	14.8	1	47	101	3	300	9719	1	-29.0	13.8	2	29	108	2	300	9720	0	-29.6	18.6	1	74	282	10	
500	5866	0	-4.7	14.0	2	69	87	5	500	5871	1	-4.4	8.9	2	40	48	3	500	5874	0	-4.5	14.8	1	60	316	4	
700	3141	0	10.7	10.2	1	35	97	2	700	3144	1	10.7	8.7	2	39	49	2	700	3146	0	10.8	12.3	3	54	7	3	
850	1497	0	18.6	8.1	1	16	96	1	850	1498	1	18.7	5.9	6	20	44	1	850	1503	0	18.1	5.9	2	61	73	3	
1008	* 4		30.8	5.6					1009	* 2		30.2	4.8					1008	* 25		30.8	8.0					
SW PACIFIC - SAMOA (USA) PAGO PAGO/INT. AIRPORT 91765 DEC 2004 1420S 17043W OB 2									SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 DEC 2004 2308S 13458W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 DEC 2004 2321S 14929W OB									
030	23753	4	-56.2	17.2	4	96	94	10	030	23770	8	-55.9		8	88	84	8	030									
050	20593	3	-67.6	8.5	3	82	93	5	050	20588	1	-65.1		1	92	91	6	050	20603	2	-65.2		2	83	84	5	
100	16610	0	-81.6	5.3	0	41	213	4	100	16508	0	-75.9		0	76	238	10	100	16533	0	-75.2		0	71	262	9	
150	14261	0	-67.4	6.5	0	68	230	9	150	14131	0	-68.5		0	80	250	18	150	14138	0	-65.0		0	75	259	15	
200	12465	0	-52.6	8.3	0	78	234	10	200	12357	0	-55.2		0	79	261	18	200	12345	0	-54.2		0	73	280	15	
300	9716	0	-30.3	11.3	0	53	225	4	300	9641	0	-33.3	11.7	0	83	266	12	300	9627	0	-33.5	13.5	0	69	280	13	
500	5883	0	-4.7	13.0	0	35	72	2	500	5849	0	-7.4	15.6	0	41	277	4	500	5836	0	-6.9	17.2	0	65	293	7	
700	3153	0	11.1	12.6	0	48	95	3	700	3153	0	7.2	16.4	0	50	55	3	700	3135	0	8.1	9.1	0	38	353	3	
850	1507	0	18.2	3.4	0	51	50	5	850	1533	0	14.5	6.0	0	81	67	7	850	1503	0	16.5	5.0	0	44	49	4	
1009	* 3		28.2	3.5					1006	* 89		25.0	3.5					1011	* 3		26.9	3.8					
SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 DEC 2004 2737S 14420W OB 3									SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 DEC 2004 3678S 17463E OB 1									SW PACIFIC - NEW ZEALAND PARAPARAMU AERODROME 93417 DEC 2004 4054S 17459E OB 1									
030	23806	9	-55.3		9	64	46	4	030	23845	3	-54.3		3	89	77	7	030	23865	6	-52.8		8	92	83	7	
050	20618	5	-64.5		5	82	102	5	050	20596	1	-58.1		1	34	25	2	050	20591	2	-55.5		6	53	355	2	
100	16511	5	-73.3		5	84	266	11	100	16286	0	-61.6		0	85	272	18	100	16204	1	-53.8		1	84	277	16	
150	14093	5	-64.7		5	84	267	19	150	13751	0	-57.6		0	89	276	29	150	13623	1	-54.6		0	85	273	26	
200	12305	4	-55.6		4	82	283	21	200	11923	0	-55.3		1	86	272	32	200	11776	1	-53.5		0	82	269	28	
300	9605	3	-34.8	10.6	4	79	285	13	300	9263	0	-41.3		0	81	273	30	300	9133	1	-44.4		0	70	269	22	
500	5837	2	-8.5	15.6	2	61	305	6	500	5613	0	-16.9	14.5	1	84	267	19	500	5523	1	-18.7	13.4	0	76	262	18	
700	3152	1	6.5	7.6	1	64	357	5	700	3001	0	-1	14.2	1	85	263	15	700	2934	1	-3.4	12.0	0	75	266	12	
850	1526	0	14.9	5.7	1	61	25	6	850	1426	0	6.1	6.5	1	83	259	11	850	1377	1	3.9	3.5	0	73	290	7	
1015	* 2		24.1	2.4					1005	* 27		16.6	5.9					1003	* 12		15.7	6.0					

UPPER AIR

DECEMBER 2004

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 DEC 2004 4625S 16819W OB 1								SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 DEC 2004 4357S 17634W OB 1								SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 DEC 2004 2915S 17755W OB 1												
030								030	23918	4	-50.8			5	97	83	9	030	23830	2	-55.5			3	75	57	6	
050	20602	4	-51.9		4	23	87	2	050	20628	1	-53.4			2	57	30	3	050	20627	0	-62.8			0	40	18	3
100	16142	0	-53.9		0	74	248	11	100	16185	0	-54.5			1	83	286	12	100	16468	0	-71.2			0	94	275	23
150	13532	0	-52.1		0	75	249	15	150	13578	0	-52.7			1	83	282	19	150	14030	0	-63.8			0	95	272	38
200	11668	0	-52.0		0	67	250	19	200	11715	0	-51.6			1	82	276	24	200	12230	0	-54.7			0	94	274	39
300	9030	0	-46.2		0	57	239	18	300	9063	0	-44.9			1	76	279	25	300	9538	0	-36.7	17.3		0	94	277	28
500	5455	0	-21.6	11.2	0	63	240	12	500	5471	0	-20.3	13.8		1	77	283	18	500	5796	0	-9.8	25.3		1	89	278	16
700	2894	0	-6.0	10.5	0	64	249	10	700	2894	0	-3.9	11.6		1	76	286	13	700	3117	0	6.5	26.6		1	76	281	9
850	1352	0	1.0	4.8	1	64	252	8	850	1337	0	3.9	6.4		2	67	284	10	850	1509	0	10.9	8.5		1	72	288	7
1003	* 4		10.9	4.1					994	* 48		12.8	3.0						1010	* 49		22.3	5.6					
SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 DEC 2004 1225S 13053E OB /								SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 DEC 2004 1217S 13649E OB /								SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 DEC 2004 1757S 12214E OB /												
030	23767	2	-56.7	30.7	2	95	92	10	030	23741	3	-57.3	31.5	3	96	93	11	030	23738	1	-57.0	31.1	1	95	83	10		
050	20600	2	-66.9	27.5	2	52	98	3	050	20580	1	-66.9	27.9	1	19	112	1	050	20575	1	-66.8	28.1	1	94	95	9		
100	16613	0	-82.3	13.8	2	65	82	6	100	16598	0	-82.7	14.6	0	76	95	6	100	16584	1	-81.3	15.3	1	69	271	7		
150	14268	0	-67.0	12.5	0	33	3	3	150	14258	0	-67.3	14.5	0	42	37	3	150	14232	1	-66.9	16.4	1	93	282	15		
200	12468	0	-51.7	14.7	0	31	307	2	200	12461	0	-52.1	16.8	0	16	304	1	200	12436	0	-52.4	19.1	0	94	265	15		
300	9707	0	-29.3	18.0	0	26	254	2	300	9703	0	-29.6	17.8	1	21	286	1	300	9688	0	-30.8	25.9	0	75	255	11		
500	5870	0	-5.1	11.7	0	27	169	2	500	5864	0	-4.6	19.2	0	21	337	1	500	5868	0	-6.6	19.4	1	34	255	2		
700	3153	0	10.2	9.5	0	69	118	7	700	3147	0	10.2	13.4	0	57	122	5	700	3164	0	10.5	10.9	1	69	95	5		
850	1505	0	20.4	8.7					850	1501	0	19.7	10.1	1	53	33	4	850	1509	0	23.1	16.9	0	26	90	2		
1006	* 31		29.3	5.2					1003	* 54		29.1	5.3					1008	* 7		29.9	5.9						
SW PACIFIC - AUSTRALIA TOWNSVILLE AERO 94294 DEC 2004 1915S 14645E OB /								SW PACIFIC - AUSTRALIA PORT HEDLAND PARDOO 94312 DEC 2004 2022S 11838E OB /								SW PACIFIC - AUSTRALIA ALICE SPRINGS AERO 94326 DEC 2004 2348S 13353E OB /												
030	23752	1	-56.0	31.4	1	98	80	10	030	23740	1	-57.2	31.2	2	98	84	11	030	23787	1	-55.8	32.0	1	95	91	9		
050	20581	0	-65.9	28.4	0	84	87	6	050	20575	1	-65.9	26.8	2	94	93	9	050	20608	1	-64.9	29.3	1	85	98	7		
100	16586	0	-81.1		0	77	274	10	100	16566	0	-80.0	15.7	1	87	278	12	100	16551	1	-76.9	19.1	1	93	268	18		
150	14231	0	-66.5	19.5	0	85	271	19	150	14204	0	-66.8	16.3	0	94	278	22	150	14159	1	-64.3	22.5	1	94	270	31		
200	12430	0	-52.0	20.6	0	88	275	19	200	12409	0	-52.7	20.3	0	96	266	23	200	12349	1	-52.4	22.4	1	94	272	31		
300	9677	0	-30.6	18.0	0	85	272	15	300	9669	0	-31.9	22.3	0	92	263	17	300	9622	1	-34.0	22.1	2	92	261	19		
500	5859	0	-5.7	21.2	0	73	269	6	500	5865	0	-7.4	21.7	0	55	260	4	500	5848	1	-8.4	23.7	1	77	245	7		
700	3151	0	8.9	12.6	0	45	171	2	700	3167	0	10.2	11.1	0	32	20	2	700	3158	1	9.1	21.1	1	35	235	3		
850	1514	0	17.8	7.6	0	58	59	3	850	1510	0	24.4	19.6	0	40	132	2	850	1518	1	19.9	20.3	2	60	94	5		
1011	* 9		29.0	6.9					1007	* 9		31.3	12.0					951	* 546		28.1	24.9						

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
SW PACIFIC - AUSTRALIA MT ISA AERO 94332 DEC 2004 2041S 13929E OB /								SW PACIFIC - AUSTRALIA GERALDTON AIRPORT 94403 DEC 2004 2848S 11442E OB /								SW PACIFIC - AUSTRALIA MEEKATHARRA AIRPORT 94430 DEC 2004 2637S 11833E OB 2										
030	23752	1	-56.0	32.0	1	93	85	10	030	23782	0	-56.4	31.9	0	92	86	8	030	23775	4	-56.5	28.8	6	93	83	9
050	20581	0	-66.3	25.9	0	94	77	7	050	20602	0	-65.0	29.0	0	78	97	6	050	20596	2	-65.4	23.8	4	96	89	7
100	16573	0	-79.7	14.8	0	84	266	12	100	16475	0	-70.7	23.5	0	94	274	17	100	16505	0	-74.0	18.5	3	93	269	17
150	14210	0	-66.1	17.1	0	91	273	25	150	14036	0	-63.3	22.6	0	95	272	29	150	14090	0	-64.1	18.5	1	97	272	30
200	12408	0	-52.1	18.5	0	91	277	24	200	12236	0	-55.1	19.7	0	94	271	30	200	12290	0	-54.1	17.7	1	95	271	33
300	9661	0	-31.4	20.8	0	91	272	17	300	9546	0	-36.9	21.8	0	89	273	20	300	9588	0	-35.7	18.2	0	88	271	21
500	5854	0	-6.1	22.8	0	66	246	6	500	5816	0	-9.9	29.3	0	82	286	10	500	5841	0	-9.7	22.8	0	82	275	9
700	3157	0	8.7	8.8	0	16	222	1	700	3134	0	8.3	27.6	0	69	311	7	700	3157	0	9.2	16.1	0	76	282	7
850	1513	0	20.7	14.3	0	42	63	3	850	1502	0	17.8	20.6	0	32	359	3	850	1512	0	21.5	19.3	0	38	26	3
972	* 340		29.4	14.8					1009	* 33		22.2	9.1					953	* 517		26.9	22.3				
SW PACIFIC - AUSTRALIA GILES 94461 DEC 2004 2502S 12817E OB /								SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 DEC 2004 3156S 11558E OB /								SW PACIFIC - AUSTRALIA EUCLA 94647 DEC 2004 3141S 12853E OB										
030	23774	1	-56.5	31.0	1	90	85	8	030	23818	1	-55.8	31.6	1	99	84	8	030	23832	8	-55.6	29.3				
050	20597	0	-65.7	26.9	0	94	90	7	050	20619	1	-63.4	29.0	1	49	98	3	050	20636	3	-63.3	25.7	5	69	89	4
100	16526	0	-75.7	18.2	0	92	264	17	100	16435	0	-68.0	24.1	0	90	274	15	100	16457	1	-68.2	21.0	3	90	263	16
150	14124	0	-64.2	20.4	0	96	269	30	150	13968	0	-62.0	21.3	0	95	272	28	150	13991	0	-62.2	19.3	2	91	263	26
200	12317	0	-53.1	20.0	0	94	268	30	200	12168	0	-56.2	16.9	0	91	274	27	200	12193	0	-56.4	14.4	3	90	265	27
300	9603	0	-35.0	18.1	0	88	261	19	300	9500	0	-39.0	17.2	0	84	276	16	300	9525	0	-38.8	13.5	3	76	260	15
500	5846	0	-9.4	17.3	0	75	240	7	500	5792	0	-11.2	24.9	0	79	285	10	500	5812	0	-11.3	18.0	3	70	255	9
700	3161	0	8.9	16.8	0	31	262	2	700	3125	0	6.6	25.2	0	58	308	5	700	3143	0	6.2	15.3	2	56	236	5
850	1518	0	20.9	21.3	0	53	51	5	850	1505	0	15.3	17.4	0	36	347	3	850	1524	0	15.3	20.2	2	29	229	2
945	* 598		27.5	23.4					1012	* 31		20.3	10.1					1005	* 102		20.4	10.4				
SW PACIFIC - AUSTRALIA COBAR 94711 DEC 2004 3129S 14550E OB /								SW PACIFIC - AUSTRALIA WILLIAMTOWN AERODROME 94776 DEC 2004 3248S 15150E OB /								SW PACIFIC - AUSTRALIA ALBANY AIRPORT 94802 DEC 2004 3456S 11748E OB /										
030	23806	1	-55.8	32.0	3	89	80	7	030	23833	7	-55.3	31.0	6	95	82	7	030	23830	2	-55.5	31.5	3	98	82	9
050	20603	1	-62.8	30.0	3	64	81	4	050	20620	4	-61.3	28.9	3	71	80	3	050	20622	2	-62.3	29.8	4	65	90	3
100	16418	0	-68.0	27.1	3	89	262	17	100	16404	2	-66.5	24.8	2	93	263	17	100	16393	1	-65.9	27.0	2	90	273	15
150	13951	0	-61.9	25.3	2	91	268	29	150	13919	2	-61.0	22.7	3	95	263	29	150	13909	1	-61.6	23.3	1	94	274	23
200	12151	0	-56.7	18.0	2	83	272	28	200	12121	2	-57.1	16.7	3	87	264	29	200	12112	0	-57.8	15.5	0	84	277	23
300	9487	0	-39.1	16.7	2	76	273	19	300	9453	1	-38.9	14.3	1	84	262	22	300	9462	0	-40.1	16.7	0	78	279	17
500	5780	0	-11.6	24.9	2	75	269	12	500	5753	1	-12.4	20.8	0	78	250	12	500	5768	0	-12.4	25.2	0	77	279	11
700	3119	0	5.4	23.3	2	58	277	6	700	3104	1	3.4	16.7	1	70	252	8	700	3111	0	5.2	26.7	0	72	285	7
850	1504	0	14.9	18.0	2	29	282	2	850	1501	1	12.0	7.5	1	57	271	5	850	1503	0	12.7	18.8	1	43	306	4
982	* 264		26.1	17.6					1013	* 8		22.8	8.0					1008	* 69		17.5	6.3				

UPPER AIR

DECEMBER 2004

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 MOUNT GAMBIER AERO 94821 DEC 2004 3744S 14047E OB /								SW PACIFIC - AUSTRALIA MELBOURNE AIRPORT 94866 DEC 2004 3740S 14451E OB								SW PACIFIC - AUSTRALIA WAGGA AIRPORT 94910 DEC 2004 3510S 14727E OB /										
030								030	23867	4	-54.2	32.6	4	96	89	8	030	23833	0	-55.0	32.1	0	96	84	7	
050	20597	7	-60.6	29.9	7	21	169	2	050	20626	3	-59.4	30.1	3	63	112	4	050	20610	0	-60.5	29.6	0	55	101	3
100	16328	2	-63.4	27.0	1	79	261	12	100	16341	0	-62.5	28.6	0	72	256	11	100	16360	0	-64.8	27.2	0	85	258	14
150	13813	1	-60.3	23.6	0	80	262	18	150	13823	0	-59.3	25.7	0	78	258	19	150	13862	0	-60.9	24.6	0	85	264	22
200	12009	0	-57.7	16.5	0	72	257	18	200	12018	0	-57.9	15.8	0	73	261	21	200	12064	0	-57.4	17.8	0	80	262	24
300	9377	0	-42.0	13.1	1	66	254	16	300	9380	0	-41.4	11.3	1	66	260	17	300	9417	0	-40.5	13.7	0	69	263	18
500	5714	0	-14.8	16.6	1	58	249	10	500	5712	0	-14.6	17.6	2	62	258	11	500	5734	0	-13.3	20.7	0	64	254	11
700	3085	0	1.9	19.4	1	34	228	4	700	3080	0	1.9	19.6	1	55	233	7	700	3093	0	2.8	19.2	0	60	258	7
850	1497	0	9.3	11.4	3	29	209	3	850	1491	0	9.3	11.2	3	55	214	4	850	1493	0	12.5	13.0	0	51	294	4
1008	* 69		18.8	8.9					1002	* 132		18.4	8.3					988	* 213		22.9	12.2				
SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 DEC 2004 4250S 14729E OB /								SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 DEC 2004 3132S 15904E OB /								SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 DEC 2004 2902S 16756E OB /										
030	23885	1	-52.5	31.4	2	95	91	9	030	23811	1	-55.6	31.3	3	93	80	6	030	23822	2	-54.8	31.8	1	82	75	6
050	20612	0	-56.2	30.5	1	54	126	3	050	20603	1	-62.1	29.4	3	35	83	2	050	20617	1	-62.5	29.8	0	59	28	3
100	16255	0	-59.5	29.4	0	75	254	10	100	16404	1	-67.9	25.5	2	95	267	20	100	16457	1	-70.7	24.5	0	93	275	23
150	13706	0	-57.5	27.3	0	80	255	17	150	13935	1	-61.4	23.9	2	98	269	34	150	14018	1	-63.2	23.5	0	94	275	39
200	11887	0	-57.3	17.1	0	73	248	20	200	12132	1	-56.2	18.3	2	96	263	35	200	12216	1	-54.5	20.9	0	93	273	38
300	9261	0	-43.5	12.6	0	69	253	20	300	9459	0	-38.6	16.4	2	93	264	25	300	9522	1	-36.6	19.0	2	91	274	28
500	5634	0	-17.2	18.1	0	66	250	12	500	5749	0	-12.0	17.8	1	87	260	14	500	5783	1	-10.1	23.4	1	87	269	16
700	3032	0	-1.1	16.5	0	73	238	9	700	3098	0	3.8	19.8	1	74	258	9	700	3113	1	5.0	20.1	0	75	266	9
850	1463	0	6.0	7.9	0	73	252	6	850	1496	0	11.3	9.4	1	60	256	6	850	1506	1	11.6	12.2	1	64	257	6
1011	* 27		17.0	8.3					1013	* 6		22.3	6.7					1001	* 109		21.7	6.7				
SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) MACQUARIE ISLAND 94998 DEC 2004 5429S 15856E OB 3								SW PACIFIC - BRUNEI DARUSSALAM BRUNEI AIRPORT 96315 DEC 2004 0456N 11456E OB 3								SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 DEC 2004 0129N 11020E OB 3										
030	24052	0	-45.2	35.2	1	95	88	8	030									030	23723	1	-60.0	28.4	3	8	297	1
050	20659	0	-47.4	34.1	1	21	103	1	050	20560	15	-66.6	27.0	9	37	254	3	050	20584	0	-67.2	22.9	0	88	281	8
100	16109	0	-50.1	33.4	2	73	238	8	100	16557	3	-83.2	11.9	3	88	102	14	100	16578	0	-81.9	11.0	0	77	95	11
150	13458	0	-49.1	33.5	3	74	243	12	150	14230	2	-68.3	10.8	2	86	111	12	150	14244	0	-68.2	10.0	0	93	102	13
200	11576	0	-50.7	28.3	3	75	245	15	200	12442	1	-53.2	11.0	1	70	120	7	200	12456	0	-53.0	8.8	0	86	104	10
300	8931	0	-47.4	15.8	2	70	242	21	300	9693	1	-30.1	9.9	1	83	108	6	300	9704	0	-29.8	6.0	0	83	101	6
500	5385	0	-23.4	14.3	3	65	245	13	500	5860	0	-5.3	5.9	0	79	85	6	500	5868	0	-5.2	2.8	0	44	98	3
700	2845	0	-8.2	13.6	2	58	251	9	700	3141	0	9.5	4.0	0	70	89	4	700	3147	0	9.8	4.6	0	17	251	1
850	1320	0	-2.8	6.0	2	49	251	6	850	1501	0	17.8	3.6	0	30	140	2	850	1506	0	18.0	3.6	0	23	286	2
1001	* 6		5.7	2.9					1005	* 15		24.6	.5					1008	* 27		24.7	1.1				

UPPER AIR

DECEMBER 2004

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(SABAH & SARAWAK) BINTULU 96441 DEC 2004 0312N 11302E OB 3								SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 96471 DEC 2004 0556N 11603E OB 3								SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 DEC 2004 0416N 11753E OB 3										
030	23721	5	-59.5	29.0	5	14	85	1	030	23710	1	-58.5	30.1	1	54	88	4	030	23721	8	-59.5	30.4	9	9	116	1
050	20582	4	-67.0	21.8	4	87	275	7	050	20571	0	-67.7	25.1	0	73	282	5	050	20580	5	-67.2	25.1	7	87	276	7
100	16573	3	-82.2	12.7	3	79	106	11	100	16576	0	-82.8	12.3	0	85	108	12	100	16580	4	-83.1	12.1	5	86	102	14
150	14243	2	-68.4	11.3	2	87	108	12	150	14245	0	-68.2	11.0	0	88	119	12	150	14247	2	-68.0	10.5	2	93	115	14
200	12455	2	-53.0	10.6	2	81	113	8	200	12456	0	-52.9	10.7	0	77	118	7	200	12457	1	-52.5	10.4	1	81	109	8
300	9703	2	-29.6	8.8	2	81	109	7	300	9704	0	-29.7	11.5	0	73	107	5	300	9704	0	-29.7	12.3	0	77	103	6
500	5864	1	-4.9	5.3	1	69	100	5	500	5866	0	-4.8	6.2	0	79	94	5	500	5866	0	-4.9	9.0	0	84	93	5
700	3143	0	9.9	5.5	0	20	98	1	700	3144	0	9.9	5.5	0	76	84	4	700	3143	0	10.1	6.4	0	57	75	3
850	1503	0	18.0	4.3	0	14	172	1	850	1502	0	18.1	4.6	0	18	53	1	850	1501	0	18.3	4.5	0	61	37	3
1007	* 5		25.0	2.4					1010	* 3		26.0	2.9					1008	* 20		25.9	4.1				
SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 DEC 2004 1211S 09649E OB 3								SW PACIFIC - INDONESIA (SULAWESI) MENADO/DR. SAM RATULANGI 97014 DEC 2004 0132N 12455E OB /																		
030	23680	1	-57.7	28.6	3	95	93	10	030	23695	9	-58.7		9	94	270	8									
050	20525	1	-67.2	22.2	2	10	122	1	050	20547	9	-66.0		9	93	267	6									
100	16544	1	-81.3	12.5	1	41	85	4	100	16534	9	-83.0		9	94	91	11									
150	14203	1	-68.3	11.5	1	50	8	6	150	14203	9	-68.6		9	94	113	13									
200	12418	1	-53.6	12.2	1	50	344	5	200	12420	9	-53.6		9	89	116	8									
300	9677	1	-30.9	17.2	1	14	51	1	300	9677	9	-30.4	4.6	9	57	87	4									
500	5854	1	-5.2	16.2	2	57	103	3	500	5851	9	-5.9	3.0	9	70	98	4									
700	3135	1	10.0	19.0	1	35	102	3	700	3139	9	8.6	1.8	9	22	359	1									
850	1500	1	15.7	4.9	1	55	107	3	850	1503	9	16.7	.7	9	52	288	3									
1011	* 3		25.5	4.0					9999	* 80		24.3	.8													

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
EUROPE - ITALY CAGLIARI/ELMAS 16560 AUG 2001 3915N 00904E OB /																											
030	24219	23	-52.4		9	96	87	11																			
050	20963	22	-57.1		9	59	88	6																			
100	16638	22	-62.0		9	79	240	13																			
150	14129	22	-59.9		9	77	283	22																			
200	12316	22	-55.6		9	69	294	22																			
300	9634	21	-37.0		9	77	306	22																			
500	5888	21	-8.5	31.2	9	81	308	19																			
700	3193	21	8.9	9.9	9	71	314	11																			
850	1557	21	19.0	17.7	9	79	330	11																			
1016	* 5		1.2	21.5																							
EUROPE - POLAND LEGIONOWO 12374 NOV 2004 5224N 02058E OB 3									EUROPE - POLAND WROCLAW I 12425 NOV 2004 5108N 01659E OB 3									EUROPE - HUNGARY BUDAPEST/LORINC 12843 NOV 2004 4726N 01911E OB 3									
030	23313	0	-66.8	25.2	0	92	285	16	030	23361	0	-65.8	27.8	0	94	286	17	030	23457	10	-64.0		9	98	278	18	
050	20212	0	-64.9	25.7	0	89	292	14	050	20251	0	-65.1	27.8	0	92	293	15	050	20322	9	-64.1		9	96	287	15	
100	15946	0	-60.9	26.0	0	84	296	14	100	15986	0	-61.0	27.7	0	86	301	14	100	16040	5	-60.8		6	87	291	13	
150	13412	0	-58.7	24.1	0	76	298	14	150	13455	0	-58.8	24.7	0	76	298	14	150	13515	3	-58.9		4	77	289	13	
200	11606	0	-58.8	16.8	0	66	296	16	200	11650	0	-58.9	17.6	0	65	302	16	200	11706	1	-59.1		2	65	287	15	
300	9019	0	-49.5	11.0	0	59	283	17	300	9060	0	-48.7	12.1	0	53	297	14	300	9121	1	-48.6	8.9	2	52	281	14	
500	5494	0	-24.7	12.8	0	61	281	13	500	5526	0	-24.1	11.0	0	56	294	11	500	5569	1	-22.8	9.1	2	54	285	9	
700	2966	0	-8.8	11.9	7	54	283	7	700	2990	0	-8.0	10.9	0	60	296	9	700	3018	1	-6.2	9.0	2	56	296	7	
850	1440	0	-1.3	6.1	0	53	289	6	850	1459	0	-.7	6.6	0	60	297	7	850	1475	1	1.6	6.4	2	49	304	6	
1004	* 96		4.3	2.3					1003	* 116		5.3	2.9					1001	* 139		6.8	4.6					
EUROPE - HUNGARY SZEGED 12982 NOV 2004 4615N 02006E OB									ASIA - INDIA PATNA 42492 NOV 2004 2536N 08506E OB 3																		
030	23465	6	-63.7		9	98	280	19	030																		
050	20320	3	-63.5		6	94	281	14	050																		
100	16057	1	-61.1		6	84	289	11	100	16346	5	-73.0															
150	13526	0	-58.6		5	74	287	11	150	13955	3	-69.0															
200	11723	0	-59.3		4	64	276	13	200	12183	1	-57.4															
300	9137	0	-48.2	8.1	2	47	280	12	300	9510	1	-39.1		2	94	267	33										
500	5580	0	-22.6	11.0	0	50	288	8	500	5788		-10.6			96	276	17										
700	3027	0	-5.9	10.1	1	47	292	6	700	3116		5.4			68	289	6										
850	1481	0	2.4	8.8	1	37	308	4	850	1511		12.7	11.9		60	293	3										
1009	* 83		4.5	1.7					1008	* 60		19.6	3.4														

STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	72517	C	ALLENTOWN/A.-BETHLEHEM-.,PA.	USA
04220	C	AASIAAT (EGEDESMINDE)	GREENLAND	36870	C	ALMATY	KAZAKHSTAN
40831	C	ABADAN	IRAN, ISLAMIC REP	08487	C	ALMERIA/AEROPUERTO	SPAIN
47409	C	ABASHIRI	JAPAN	44277	C	ALTAI	MONGOLIA
07005	C	ABBEVILLE	FRANCE	51076	C	ALTAY	CHINA
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	42071	C	AMRITSAR	INDIA
03502	C	ABERPORTH	U KINGDOM	25563	C	ANADYR'	RUSSIAN FEDERATION
41112	C	ABHA	SAUDI ARABIA	70273	CT	ANCHORAGE/INT.	USA
72266	C	ABILENE/MUN.,TX.	USA	10291	C	ANGERMUENDE	GERMANY
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	17130	CT	ANKARA/CENTRAL	TURKEY
62640	C	ABU HAMED	SUDAN	60360	C	ANNABA	ALGERIA
62795	C	ABU NA'AMA	SUDAN	70398	C	ANNETTEISLAND	USA
76805	C	ACAPULCO,GRO.	MEXICO	17300	C	ANTALYA	TURKEY
80427	C	ACARIGUA	VENEZUELA	67083	CT	ANTANANARIVO/IVATO	MADAGASCAR
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	85442	CT	ANTOFAGASTA	CHILE
60620	C	ADRAR	ALGERIA	40718	C	ANZALI	IRAN, ISLAMIC REP
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	47575	C	AOMORI	JAPAN
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	98232	C	APARRI	PHILIPPINES
17190	C	AFYON	TURKEY	80084	C	APARTADO/LOSCEDROS	COLOMBIA
61024	C	AGADEVZ	NIGER	48462	C	ARANYAPRATHET	THAILAND
61974	C	AGALEGA	MAURITIUS	40357	C	ARAR	SAUDI ARABIA
42647	CT	AHMADABAD	INDIA	80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA
47602	C	AIKAWA	JAPAN	83579	C	ARAXA	BRAZIL
60560	C	AIN SEFRA	ALGERIA	84752	C	AREQUIPA	PERU
07761	CT	AJACCIO	FRANCE	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
31168	C	AJAN	RUSSIAN FEDERATION	85406	C	ARICA	CHILE
47582	CT	AKITA	JAPAN	10091	C	ARKONA	GERMANY
42933	C	AKOLA	INDIA	10460	C	ARTERN	GERMANY
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	44288	C	ARVAIHEER	MONGOLIA
04063	C	AKUREYRI	ICELAND	60452	C	ARZEW	ALGERIA
04082	C	AKURNES	ICELAND	47407	C	ASAHIKAWA	JAPAN
40420	C	AL AHSA	SAUDI ARABIA	72315	C	ASHEVILLE/MUN.,NC	USA
40373	C	AL QAYSUMAH	SAUDI ARABIA	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
40361	C	AL-JOUF	SAUDI ARABIA	65376	C	ATAKPAME	TOGO
08280	C	ALBACETE/LOSLANOS	SPAIN	62680	C	ATBARA	SUDAN
94802	CT	ALBANY AIRPORT	AUSTRALIA	17607	T	ATHALASSA	CYPRUS
72365	C	ALBUQUERQUE/INT.,NM.	USA	16716	C	ATHINAI (AIRPORT)	GREECE
31004	CT	ALDAN	RUSSIAN FEDERATION	72219	C	ATLANTA/MUN.,GA.	USA
07139	C	ALENCON	FRANCE	72407	C	ATLANTIC CITY, NJ.	USA
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	91925	CT	ATUONA	FRENCH POLY.
71082	T	ALERT UA, N.W.T.	CANADA	72218	C	AUGUSTA/BUSHFIELD, GA.	USA
08359	C	ALICANTE	SPAIN	72254	C	AUSTIN/ROBERTMUELLER.,TX.	USA
94326	CT	ALICE SPRINGS AERO	AUSTRALIA	08330	C	BADAJOS/TALAVERALA REAL	SPAIN
42475	C	ALLAHABAD/BAMHRAULI	INDIA	30554	C	BAGDARIN	RUSSIAN FEDERATION

STATION LIST RECENT DATA

83980	C	BAGE	BRAZIL	44287	C	BAYANHONGOR	MONGOLIA
71727	C	BAGOTVILLE,QUE.	CANADA	60571	CT	BECHAR	ALGERIA
98328	C	BAGUIO	PHILIPPINES	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
87750	C	BAHIA BLANCA AERO	ARGENTINA	54511	CT	BEIJING	CHINA
41150	C	BAHRAIN(INT. AIRPORT)	BAHRAIN	60402	C	BEJAIA	ALGERIA
44265	C	BAITAG	MONGOLIA	82191	C	BELEM	BRAZIL
71926	T	BAKER LAKE UA,N.W.T.	CANADA	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
07299	C	BALE-MILHOUSE	FRANCE	43198	C	BELGAUM/SAMBRA	INDIA
35796	C	BALHASH	KAZAKHSTAN	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA	89050	C	BELLINGSHAUSEN	USSR
85874	C	BALMACEDA	CHILE	03976	C	BELMULLET	IRELAND
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	83587	C	BELO HORIZONTE	BRAZIL
43295	C	BANGALORE	INDIA	82246	C	BELTERRA	BRAZIL
48455	CT	BANGKOK	THAILAND	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
96685	C	BANJARMASIN/SYAMSUDDINNOOR	INDONESIA	60602	C	BENI ABBES	ALGERIA
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
82113	C	BARCELOS	BRAZIL	01317	C	BERGEN/FLORIDA	NORWAY
60471	C	BARIKA	ALGERIA	10385	C	BERLIN-SCHOENEFELD	GERMANY
87765	C	BARILOCHEAERO	ARGENTINA	10384	C	BERLIN-TEMPELHOF	GERMANY
80440	C	BARINAS	VENEZUELA	40179	T	BET DAGAN	ISRAEL
80410	C	BARQUISIMETO	VENEZUELA	70219	C	BETHEL/BETHELAIRPORT, AK.	USA
82571	C	BARRA DO CORDA	BRAZIL	68461	CT	BETHLEHEM	SOUTH AFRICA
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	42971	CT	BHUBANESWAR	INDIA
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	97560	C	BIAK/MOKMER	INDONESIA
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	61017	C	BILMA	NIGER
89057	C	BASE ARTUROPRAT	CHILE	72515	C	BINGHAMTON/BROOMECONY.	USA
89034	C	BASE BELGRANOII	ARGENTINA	96441	CT	BINTULU	MALAYSIA
89059	C	BASE BERNARDOO'HIGGINS	CHILE	61075	C	BIRNI-N' KONNI	NIGER
88963	C	BASE ESPERANZA	ARGENTINA	41084	C	BISHA	SAUDI ARABIA
89053	C	BASE JUBANY	ARGENTINA	60525	C	BISKRA	ALGERIA
89055	C	BASE MARAMBIO(CENTROMET. A	ARGENTINA	72764	CT	BISMARCK/MUN.,ND.	USA
88968	C	BASE ORCADAS	ARGENTINA	15085	C	BISTRITA	ROMANIA
89066	C	BASE SAN MARTIN	ARGENTINA	01028	CT	BJORNOYA	NORWAY
07790	CT	BASTIA	FRANCE	31510	T	BLAGOVESCHENSK	RUSSIAN FEDERATION
91557	C	BAUERFIELD(EFATE)	VANUATU	68442	C	BLOEMFONTEINAIRPORT	SOUTH AFRICA
44302	C	BAYAN-OVOO	MONGOLIA	82024	C	BOA VISTA	BRAZIL
44275	C	BAYANBULAG	MONGOLIA	65510	C	BOBO-DIOULASSO	BURKINA FASO
44352	C	BAYANDELGER	MONGOLIA	01152	CT	BODO	NORWAY

STATION LIST RECENT DATA

80222	C	BOGOTA/ELDORADO	COLOMBIA	80442	C	CALABOZO	VENEZUELA
29282	C	BOGUCANY	RUSSIAN FEDERATION	42807	C	CALCUTTA/ALIPORE	INDIA
65338	C	BOHICON	BENIN	42809	T	CALCUTTA/DUMDUM	INDIA
72681	C	BOISE/MUN.,ID.	USA	80259	C	CALI/ALFONSOBONILLAARAGON	COLOMBIA
87640	C	BOLIVAR AERO	ARGENTINA	68618	C	CALVINIA	SOUTH AFRICA
43057	C	BOMBAY/COLABA	INDIA	03808	T	CAMBORNE	U KINGDOM
43003	T	BOMBAY/SANTACRUZ	INDIA	71925	T	CAMBRIDGEBAY UA, N.W.T.	CANADA
31253	C	BOMNAK	RUSSIAN FEDERATION	17112	C	CANAKKALE	TURKEY
65545	C	BONDOUKOU	COTE D'IVOIRE	07661	C	CAP CEPET	FRANCE
23884	C	BOR	RUSSIAN FEDERATION	71910	C	CAPE DORSET, N.W.T.	CANADA
07510	C	BORDEAUX/MERIGNAC	FRANCE	72304	C	CAPE HATTERAS,NC.	USA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA
60686	C	BORDJ B.MOKHTAR	ALGERIA	80416	C	CARACAS/LACARLOTA	VENEZUELA
65516	C	BOROMO	BURKINA FASO	80415	C	CARACAS/MAIQUETIAAEROP. INT	VENEZUELA
72509	C	BOSTON/LOGANINT., MA	USA	83592	C	CARATINGA	BRAZIL
60515	C	BOU-SAADA	ALGERIA	72712	C	CARIBOU/MUN.,ME.	USA
60417	C	BOUIRA	ALGERIA	82765	C	CAROLINA	BRAZIL
07255	C	BOURGES	FRANCE	80022	C	CARTAGENA/RAFAELNUNEZ	COLOMBIA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	60155	CT	CASABLANCA	MOROCCO
08575	C	BRAGANCA	PORTUGAL	03967	C	CASEMENT AERODROME	IRELAND
83377	C	BRASILIA	BRAZIL	89611	CT	CASEY	AUSTRALIA
30309	C	BRATSK	RUSSIAN FEDERATION	72569	C	CASPER/NATRONACOUNTY I., WY.	USA
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	87222	C	CATAMARCAAERO.	ARGENTINA
07110	CT	BREST	FRANCE	83676	C	CATANDUVA	BRAZIL
16320	T	BRINDISI	ITALY	81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
11723	C	BRNO/TURANY	CZECH REP	94653	C	CEDUNA AIRPORT	AUSTRALIA
10453	C	BROCKEN	GERMANY	89056	C	CENTROMET.ANTARTICO''PDTE.ED	CHILE
94203	CT	BROOME AIRPORT	AUSTRALIA	87257	C	CERES AERO	ARGENTINA
72250	C	BROWNSVILLE/INT.,TX.	USA	87320	C	CHAMICAL AERO	ARGENTINA
96315	T	BRUNEI AIRPORT	BRUNEI DARUSSALAM	48480	C	CHANTHABURI	THAILAND
80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA	38687	C	CHARDZHEV	TURKMENISTAN
15420	CT	BUCURESTI/IMH	ROMANIA	72414	C	CHARLESTON/KANAWHA., WV.	USA
12843	CT	BUDAPEST/LORINC	HUNGARY	72208	C	CHARLESTON/MUN.,SC.	USA
87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA	72314	C	CHARLOTTE/DOUGLAS,NC.	USA
72528	C	BUFFALO/GREATERBUFFALO, NY.	USA	07314	C	CHASSIRON	FRANCE
44239	C	BULGAN	MONGOLIA	93986	T	CHATHAM ISLAND	N ZEALAND
08075	C	BURGOS/VILLAFRIA	SPAIN	93987	C	CHATHAM ISLANDS AWS	N ZEALAND
72617	C	BURLINGTON/INTL.,VT.	USA	72324	C	CHATTANOOGA/LOVELLFIELD, TN	USA
17116	C	BURSA	TURKEY	47184	C	CHEJU	REP KOREA
98330	C	CABANATUAN	PHILIPPINES	10577	C	CHEMNITZ	GERMANY
08261	C	CACERES	SPAIN	87322	C	CHEPES	ARGENTINA
07027	C	CAEN	FRANCE	42515	C	CHERRAPUNJI	INDIA
16560	T	CAGLIARI/ELMAS	ITALY	76750	C	CHETUMAL, Q.ROO	MEXICO
94287	C	CAIRNS AERO	AUSTRALIA	72564	C	CHEYENNE, WY.	USA

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41768	C	CHHOR	PAKISTAN	60419	C	CONSTANTINE	ALGERIA
48327	CT	CHIANG MAI	THAILAND	85470	C	COPIAPO	CHILE
72530	C	CHICAGO/O'HARE,IL.	USA	71915	T	CORAL HARBOUR UA, N.W.T.	CANADA
47971	CT	CHICHIJIMA	JAPAN	87344	CT	CORDOBA AERO	ARGENTINA
84452	C	CHICLAYO	PERU	08410	C	CORDOBA/AEROPUERTO	SPAIN
87213	C	CHILECITO AERO	ARGENTINA	03955	C	CORK AIRPORT	IRELAND
85672	C	CHILLAN	CHILE	80403	C	CORO	VENEZUELA
38262	C	CHIMBAJ	UZBEKISTAN	72251	C	CORPUS CHRISTI/INT.,TX.	USA
30758	CT	CHITA	RUSSIAN FEDERATION	87166	C	CORRIENTES AERO.	ARGENTINA
60425	C	CHLEF	ALGERIA	17084	C	CORUM	TURKEY
44259	C	CHOIBALSAN	MONGOLIA	65344	C	COTONOU	BENIN
44298	C	CHOIR	MONGOLIA	10496	C	COTTBUS	GERMANY
76311	C	CHOIX,SIN.	MEXICO	85864	C	COYHAIQUE	CHILE
21946	C	CHOKURDAH	RUSSIAN FEDERATION	78962	C	CROWN POINT AIRPORT,TOBAGO	TRINIDAD AND TOBAGO
47648	C	CHOSHI	JAPAN	82704	C	CRUZEIRO DO SUL	BRAZIL
93780	C	CHRISTCHURCH	N ZEALAND	80097	C	CUCUTA/CAMILODAZA	COLOMBIA
48517	C	CHUMPHON	THAILAND	83361	C	CUIABA	BRAZIL
47101	C	CHUNCHON	REP KOREA	80420	C	CUMANA	VENEZUELA
71913	T	CHURCHILLUA,MAN.	CANADA	85629	C	CURICO	CHILE
96805	C	CILACAP	INDONESIA	83842	C	CURITIBA	BRAZIL
72421	C	CINCINNATI/GREATERCIN., OH.	USA	96739	C	CURUG/BUDIARTO	INDONESIA
80444	C	CIUDAD BOLIVAR	VENEZUELA	84686	C	CUZCO	PERU
08348	C	CIUDAD REAL	SPAIN	43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA
72360	C	CLAYTON/MUN.,NM.	USA	98325	C	DAGUPAN	PHILIPPINES
07460	C	CLERMONT-FERRAND	FRANCE	61641	CT	DAKAR/YOFF	SENEGAL
15120	CT	CLUJ-NAPOCA	ROMANIA	41712	C	DAL BANDIN	PAKISTAN
82425	C	COARI	BRAZIL	44373	C	DALANZADGAD	MONGOLIA
94711	CT	COBAR	AUSTRALIA	72259	C	DALLAS-FORT WORTH/FORT.,TX.	USA
43353	T	COCHIN/WILLINGDON	INDIA	42587	C	DALTONGANJ	INDIA
96996	CT	COCOS ISLAND AERO	AUSTRALIA	40080	C	DAMASCUS INT.AIRPORT	SYRIAN ARAB REP
94791	C	COFFS HARBOUR MO	AUSTRALIA	62805	C	DAMAZINE	SUDAN
70316	CT	COLD BAY	USA	04320	C	DANMARKSHAVN	GREENLAND
43466	C	COLOMBO	SRI LANKA	60390	CT	DAR-EL-BEIDA	ALGERIA
76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO	94120	CT	DARWIN AIRPORT	AUSTRALIA
72310	C	COLUMBIA,SC.	USA	44256	C	DASHBALBAR	MONGOLIA
72445	C	COLUMBIA/REGIONAL,MO.	USA	26544	C	DAUGAVPILS	LATVIA
72428	C	COLUMBUS/PORTCOLUMBUS, OH.	USA	89571	CT	DAVIS	AUSTRALIA
76848	C	COMITAN,CHIS.	MEXICO	72429	C	DAYTON/. COX, OH	USA
87860	CT	COMODORORIVADAVIA AERO	ARGENTINA	06260	CT	DE BILT	NETHERLANDS
82861	C	CONCEICAODO ARAGUAIA	BRAZIL	06235	C	DE KOOY	NETHERLANDS
85682	C	CONCEPCION	CHILE	12882	C	DEBRECEN	HUNGARY
72605	C	CONCORD/MUN.,NH.	USA	65505	C	DEDOUGOU	BURKINA FASO
87395	C	CONCORDIA AERO	ARGENTINA	40045	C	DEIR EZZOR	SYRIAN ARAB REP
15480	C	CONSTANTA	ROMANIA	60387	C	DELLYS	ALGERIA

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97230	C	DENPASAR/NGURAH-RAI	INDONESIA	72486	C	ELY/YELLAND,NV.	USA
41624	C	DERA ISMAIL KHAN	PAKISTAN	07591	CT	EMBRUN	FRANCE
72546	C	DES MOINES/MUN.,IA.	USA	10200	C	EMDEN-FLUGPLATZ	GERMANY
72537	C	DETROIT/METROPOLITANMI.	USA	76256	C	EMPALME, SON	MEXICO
40416	C	DHAHRAN	SAUDI ARABIA	62781	C	EN NAHUD	SUDAN
42404	C	DHUBRI	INDIA	29263	C	ENISEJSK	RUSSIAN FEDERATION
42314	C	DIBRUGARH/MOHANBARI	INDIA	24817	C	ERBOGACEN	RUSSIAN FEDERATION
67009	C	DIEGO-SUAREZ	MADAGASCAR	44237	C	ERDENEMANDAL	MONGOLIA
07280	C	DIJON	FRANCE	53068	C	ERENHOT	CHINA
65562	C	DIMBOKRO	COTE D'IVOIRE	10554	C	ERFURT-BINDERSLEBEN	GERMANY
89054	C	DINAMET-URUGUAY	URUGUAY	17092	C	ERZINCAN	TURKEY
63471	C	DIREDAWA	ETHIOPIA	17096	C	ERZURUM	TURKEY
17280	CT	DIYARBAKIR	TURKEY	40800	C	ESFAHAN	IRAN, ISLAMIC REP
60670	C	DJANET	ALGERIA	03162	C	ESKDALEMUIR	U KINGDOM
60535	C	DJELFA	ALGERIA	87803	C	ESQUEL AERO	ARGENTINA
87648	C	DOLORES AERO	ARGENTINA	60220	C	ESSAOUIRA	MOROCCO
62650	C	DONGOLA	SUDAN	10410	CT	ESSEN	GERMANY
65501	C	DORI	BURKINAFASO	71917	T	EUREKA UA, N.W.T.	CANADA
64910	CT	DOUALA OBS.	CAMEROON	72594	C	EUREKA, CA.	USA
10488	C	DRESDEN-KLOTZSCHE	GERMANY	72432	C	EVANSVILLE/REG.,IN.	USA
41515	C	DROSH	PAKISTAN	87576	CT	EZEIZA AERO	ARGENTINA
03969	C	DUBLIN AIRPORT	IRELAND	65507	C	FADA N'GOURMA	BURKINAFASO
52836	C	DULAN	CHINA	70261	C	FAIRBANKS/INT.	USA
72745	C	DULUTH/INT.,MN.	USA	72753	C	FARGO/HECTORFIELD, ND.	USA
68588	CT	DURBANINTNL. AIRPORT	SOUTH AFRICA	76698	C	FELIPE CARRILLOPUERTO, Q.RO	MEXICO
42731	C	DWARKA	INDIA	11155	C	FEUERKOGEL	AUSTRIA
67005	C	DZAOUDZI/PAMANZI(MAYOTTE)	COMOROS	10578	C	FICHTELBERG	GERMANY
24143	C	DZARDZAN	RUSSIAN FEDERATION	72637	C	FLINT/BISHOP, MI.	USA
68858	C	EAST LONDON	SOUTH AFRICA	82678	C	FLORIANO	BRAZIL
94907	C	EAST SALE AIRPORT	AUSTRALIA	83897	C	FLORIANOPOLIS	BRAZIL
17050	C	EDIRNE	TURKEY	82212	C	FONTE BOA	BRAZIL
71119	T	EDMONTONSTONY PLAIN, ALTA	CANADA	87162	C	FORMOSA AERO	ARGENTINA
40199	C	EILAT	ISRAEL	71945	CT	FORT NELSON UA,B.C.	CANADA
62760	C	EL FASHER	SUDAN	71934	T	FORT SMITH UA,N.W.T.	CANADA
60590	C	EL GOLEA	ALGERIA	72344	C	FORT SMITH/MUN., AR.	USA
60540	C	EL KHEITER	ALGERIA	72533	C	FORT WAYNE/MUN.,BAERFL.,IN.	USA
62771	C	EL OBEID	SUDAN	67197	C	FORT-DAUPHIN	MADAGASCAR
60559	C	EL OUED	ALGERIA	82397	C	FORTALEZA	BRAZIL
72270	C	EL PASO/INT., TX.	USA	72389	C	FRESNO/AIR TERM., CA.	USA
80437	C	EL VIGIA	VENEZUELA	02226	C	FROSON	SWEDEN
60367	C	EL-KALA	ALGERIA	47843	C	FUKUE	JAPAN
60550	C	ELBAYADH	ALGERIA	47807	CT	FUKUOKA	JAPAN
12160	C	ELBLAG	POLAND	91643	CT	FUNAFUTI	TUVALU
63686	C	ELDORET	KENYA	08522	CT	FUNCHAL	MADEIRA

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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
72242	C	GALVESTON,TX.	USA	72312	C	GREENVILLE/SPATANBURGSC	USA
64454	C	GAMBOMA	CONGO	10184	CT	GREIFSWALD	GERMANY
94926	C	GANBERRA AMO	AUSTRALIA	68014	C	GROOTFONTEIN	NAMIBIA
71803	C	GANDER INT. AIRPORT,NFLD.	CANADA	87497	C	GUALEGUAYCHUAERO	ARGENTINA
57993	C	GANZHOU	CHINA	76577	C	GUANAJUATO,GTO.	MEXICO
65522	C	GAOUA	BURKINA FASO	80428	C	GUANARE	VENEZUELA
63723	C	GARISSA	KENYA	59287	C	GUANGZHOU	CHINA
42410	CT	GAUHATI	INDIA	80448	C	GUASDUALITO	VENEZUELA
62752	C	GEDAREF	SUDAN	60403	C	GUELMA	ALGERIA
10628	C	GEISENHEIM	GERMANY	80423	C	GUIRIA	VENEZUELA
62770	C	GENEINA	SUDAN	02128	C	GUNNARN	SWEDEN
87532	C	GENERAL PICO AERO	ARGENTINA	40360	C	GURIAT	SAUDI ARABIA
06700	C	GENEVE-COINTRIN	SWITZERLAND	40250	C	H-4 'IRWAISHED'	JORDAN
68828	C	GEORGE AIRPORT	SOUTH AFRICA	47678	C	HACHIJOJIMA	JAPAN
10567	C	GERA-LEUMNITZ	GERMANY	76692	C	HACIENDA YLANG YLANG VER.	MEXICO
94403	CT	GERALDTON AIRPORT	AUSTRALIA	40373	T	HAFR AL-BATIN	SAUDI ARABIA
08184	C	GERONA/COSTABRAVA	SPAIN	59758	C	HAIKOU	CHINA
60566	C	GHARDAIA	ALGERIA	40394	C	HAIL	SAUDI ARABIA
60517	C	GHAZAOUET	ALGERIA	50527	CT	HAILAR	CHINA
08495	CT	GIBALTAR	GIBALTAR	17285	C	HAKKARI	TURKEY
94461	CT	GILES	AUSTRALIA	47430	C	HAKODATE	JAPAN
17034	C	GIRESUN	TURKEY	71081	T	HALL BEACH UA,N.W.T.	CANADA
93292	C	GISBORNE AERODROME AWS	N ZEALAND	89022	CT	HALLEY	U KINGDOM
41140	C	GIZAN	SAUDI ARABIA	94212	C	HALLS CREEK AMO	AUSTRALIA
72768	C	GLASGOW/INTL,MT.	USA	40030	C	HAMA	SYRIAN ARAB REP
20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION	47755	C	HAMADA	JAPAN
43192	CT	GOA/PANJIM	INDIA	43497	C	HAMBANTOTA	SRI LANKA
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	10147	C	HAMBURG-FUHLBUETTEL	GERMANY
10499	C	GOERLITZ	GERMANY	52203	C	HAMI	CHINA
83423	C	GOIANIA	BRAZIL	10338	C	HANNOVER	GERMANY
63331	C	GONDAR	ETHIOPIA	23933	C	HANTY-MANSIJSK	RUSSIAN FEDERATION
71816	CT	GOOSE UA,NFLD.	CANADA	02196	C	HAPARANDA	SWEDEN
02527	T	GOTEBORG/LANDVETTER	SWEDEN	72508	C	HARTFORD/BRADLEY INTL, CT.	USA
02512	C	GOTEBORG/SAVE	SWEDEN	60581	C	HASSI-MESSAOUD	ALGERIA
68906	CT	GOUGH ISLAND	SOUTH AFRICA	20891	CT	HATANGA	RUSSIAN FEDERATION
07535	C	GOURDON	FRANCE	44207	C	HATGAL	MONGOLIA
61045	C	GOURE	NIGER	78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE
94150	CT	GOVE AIRPORT	AUSTRALIA	72772	C	HELENA/COUNTY-CITY MT.	USA
72476	C	GRAND JUNCTION/WALKER F.,CO.	USA	02974	C	HELSINKI-VANTAA	FINLAND
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	16754	C	HERAKLION(AIRPORT)	GREECE

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91945	C	HEREHERETUE	FRENCHPOLY.	85469	CT	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
98755	C	HINATUAN	PHILIPPINES	17062	CT	ISTANBUL/GOZTEPE	TURKEY
94975	CT	HOBART AIRPORT	AUSTRALIA	82445	C	ITAITUBA	BRAZIL
10962	C	HOHENPEISSENBERG	GERMANY	17220	CT	IZMIR/GUZELYALT	TURKEY
93615	C	HOKITIKA AERODROMEAWS	N ZEALAND	47800	C	IZUHARA	JAPAN
70341	C	HOMER/MUNICIPAL	USA	68112	C	J.G.STRIJDOM	NAMIBIA
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	43041	C	JAGDALPUR	INDIA
44218	C	HOVD	MONGOLIA	96745	C	JAKARTA/OBSERVATORY	INDONESIA
44285	C	HUJIRT	MONGOLIA	24959	CT	JAKUTSK	RUSSIAN FEDERATION
72425	C	HUNTINGTON, WV	USA	01001	CT	JAN MAYEN	NORWAY
72654	C	HURON/HURONREGIONAL., SD.	USA	96791	C	JATIWANGI	INDONESIA
44232	C	HUTAG	MONGOLIA	41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA
43128	CT	HYDERABAD AIRPORT	INDIA	60725	C	JENDOUBA	TUNISIA
15090	C	IASI	ROMANIA	08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN
80214	C	IBAGUE/PERALES	COLOMBIA	41598	C	JHELUM	PAKISTAN
08373	C	IBIZA/ES CODOLA	SPAIN	60351	C	JIJEL ACHOUAT	ALGERIA
87097	C	IGUAZU AERO	ARGENTINA	60353	C	JIJEL PORT	ALGERIA
25248	C	ILIRNEJ	RUSSIAN FEDERATION	63402	C	JIMMA	ETHIOPIA
60640	C	ILLIZI	ALGERIA	52533	C	JIUQUAN	CHINA
04339	C	ILLOQQORTOORMIUT(SCORES BYSU	GREENLAND	41756	C	JIWANI	PAKISTAN
98637	C	ILOILO	PHILIPPINES	42339	CT	JODHPUR	INDIA
31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION	02929	C	JOENSUU	FINLAND
60611	C	IN AMENAS	ALGERIA	68368	C	JOHANNESBURG INT. AIRPORT	SOUTH AFRICA
60630	CT	IN SALAH	ALGERIA	02963	CT	JOKIOINEN	FINLAND
60690	C	IN-GUEZZAM	ALGERIA	02550	C	JONKOPING/AXAMO	SWEDEN
72438	C	INDIANAPOLIS/I.-MUN/WEL., IN.	USA	78762	CT	JUAN SANTAMARIA	COSTA RICA
42754	C	INDORE	INDIA	62941	C	JUBA	SUDAN
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	87046	C	JUJUY AERO	ARGENTINA
72747	CT	INT.FALLS/FALLSINT.MN.	USA	84735	C	JULIACA	PERU
71907	CT	INUKJUAK, QUE	CANADA	78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN, ST.EUST
71957	T	INUVIK U.A., N.W.T.	CANADA	87548	C	JUNIN AERO	ARGENTINA
93844	CT	INVERCARGILLA AERODROME	N ZEALAND	32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION
80370	C	IPIALES/SAN LUIS	COLOMBIA	02935	CT	JYVASKYLA	FINLAND
71909	T	IQALUIT, N.W.T.	CANADA	67663	C	KABWE	ZAMBIA
83881	C	IRAI	BRAZIL	62810	C	KADUGLI	SUDAN
83836	C	IRATI	BRAZIL	47827	CT	KAGOSHIMA	JAPAN
30710	C	IRKUTSK	RUSSIAN FEDERATION	17255	C	KAHRAMANMARAS	TURKEY
47918	CT	ISHIGAKIJIMA	JAPAN	93678	C	KAIKOURA	N ZEALAND

STATION LIST RECENT DATA

60735	C	KAIROUAN	TUNISIA	64387	C	KIGALI	RWANDA
93012	C	KAITAIA	N ZEALAND	02801	C	KILPISJARVI	FINLAND
02897	C	KAJAANI	FINLAND	68438	C	KIMBERLEY	SOUTH AFRICA
16726	C	KALAMATA (AIRPORT)	GREECE	40417	C	KING FAHAD INT. AIRPORT	SAUDI ARABIA
25744	C	KAMENSKOE	RUSSIAN FEDERATION	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
40001	C	KAMISHLI	SYRIAN ARAB REP	70326	C	KING SALMON	USA
71887	C	KAMLOOPS,B.C.	CANADA	45004	CT	KING'S PARK	HONG KONG, CHINA
47605	C	KANAZAWA	JAPAN	78397	CT	KINGSTON/NORMANMANLEY	JAMAICA
65306	C	KANDI	BENIN	03066	C	KINLOSS	U KINGDOM
47105	C	KANGNUNG	REP KOREA	30230	CT	KIRENSK	RUSSIAN FEDERATION
22165	C	KANIN NOS	RUSSIAN FEDERATION	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
61679	C	KAOLACK	SENEGAL	26509	C	KLAJPEDA	LITHUANIA
41780	C	KARACHI AIRPORT	PAKISTAN	72326	C	KNOXVILLE/MUN.,TN.	USA
35394	C	KARAGANDA	KAZAKHSTAN	11487	C	KOCELOVICE	CZECH REP
02080	C	KARESUANDO	SWEDEN	06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.
62660	C	KARIMA	SUDAN	29231	CT	KOLPASEVO	RUSSIAN FEDERATION
10727	C	KARLSRUHE	GERMANY	10929	C	KONSTANZ	GERMANY
02418	C	KARLSTADFLYGPLATS	SWEDEN	17244	C	KONYA	TURKEY
17098	C	KARS	TURKEY	25954	CT	KORF	RUSSIAN FEDERATION
67475	C	KASAMA	ZAMBIA	91408	C	KOROR, PALAU IS.	USA FEDERATION
51709	C	KASHI	CHINA	62772	C	KOSTI	SUDAN
62730	C	KASSALA	SUDAN	42452	C	KOTA AERODROME	INDIA
17074	C	KASTAMONU	TURKEY	48615	CT	KOTA BHARU	MALAYSIA
44454	C	KATHMANDU AIRPORT	NEPAL	96471	CT	KOTA KINABALU	MALAYSIA
26629	C	KAUNAS	LITHUANIA	70133	CT	KOTZEBUE,RALPH WIEN	USA
27595	C	KAZAN'	RUSSIAN FEDERATION	91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA
61699	C	KEDOUGOU	SENEGAL	43314	C	KOZHIKODE	INDIA
68312	C	KEETMANSHOOP	NAMIBIA	12566	C	KRAKOW	POLAND
04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND	60514	C	KSAR CHELLALA	ALGERIA
10946	C	KEMPTEN	GERMANY	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
60120	C	KENITRA	MOROCCO	48657	C	KUANTAN	MALAYSIA
16641	C	KERKYRA (AIRPORT)	GREECE	96413	CT	KUCHING	MALAYSIA
93997	T	KERMADECIS.	N ZEALAND	65442	C	KUMASI	GHANA
40841	C	KERMAN	IRAN, ISLAMIC REP	56778	CT	KUNMING	CHINA
40766	C	KERMANSHAH	IRAN, ISLAMIC REP	47418	C	KUSHIRO	JAPAN
02805	C	KEVO	FINLAND	28952	C	KUSTANAI	KAZAKHSTAN
72201	C	KEY WEST/INT.,FL.	USA	71906	CT	KUUJUAQ,QUE.	CANADA
44313	C	KHALKH-GOL	MONGOLIA	71905	C	KUUJUARAPIK,QUE.	CANADA
41114	C	KHAMIS MUSHAIT	SAUDI ARABIA	02869	C	KUUSAMO	FINLAND
41718	C	KHANPUR	PAKISTAN	91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA
34300	C	KHARKIV	UKRAINE	47158	T	KWANGJU AB	REP KOREA
62721	C	KHARTOUM	SUDAN	33345	C	KYIV	UKRAINE
60476	C	KHENCHELLA	ALGERIA	33393	C	L'VIV	UKRAINE
41744	C	KHUZDAR	PAKISTAN	08001	CT	LA CORUNA	SPAIN

STATION LIST RECENT DATA

71823	T	LA GRANDEIV,QUE.	CANADA	10393	CT	LINDENBERG	GERMANY
71827	C	LA GRANDE RIVIERE, QUE	CANADA	61627	C	LINGUERE	SENEGAL
07020	CT	LA HAGUE	FRANCE	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
76405	C	LA PAZ, B.C.S.	MEXICO	08535	C	LISBOA/GEOF	PORTUGAL
87007	C	LA QUIACA OBSERVATORIO	ARGENTINA	67743	C	LIVINGSTONE	ZAMBIA
87217	C	LA RIOJA AERO.	ARGENTINA	08084	C	LOGRONO/AGONCILLO	SPAIN
85488	C	LA SERENA	CHILE	65387	C	LOME	TOGO
87534	C	LABOULAYE	ARGENTINA	83766	C	LONDRINA	BRAZIL
82723	C	LABREA	BRAZIL	94346	C	LONGREACHAIRPORT	AUSTRALIA
96465	C	LABUAN	MALAYSIA	94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA
60545	C	LAGHOUAT	ALGERIA	72295	C	LOS ANGELES/INT.,CA.	USA
41640	C	LAHORE CITY	PAKISTAN	64401	C	LOUBOMO	CONGO
08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL	72423	C	LOUISVILLE/STANDIFORD,KY.	USA
72240	C	LAKE CHARLES/MUN.,LA.	USA	48930	C	LUANG-PRABANG	LAO PDR
72576	C	LANDER/HUNT,WY.	USA	72267	C	LUBBOCK/LUBBOCKINTL, TX.	USA
60040	C	LANZAROTE/AEROPUERTO	SPAIN	42369	T	LUCKNOW/AMAUSI	INDIA
52889	T	LANZHOU	CHINA	06770	C	LUGANO	SWITZERLAND
98223	C	LAOAG	PHILIPPINES	16597	C	LUQA	MALTA
16648	C	LARISSA (AIRPORT)	GREECE	06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG
17609	C	LARNACA AIRPORT	CYPRUS	03740	C	LYNEHAM	U KINGDOM
87563	C	LAS FLORES AERO	ARGENTINA	71078	C	LYNN LAKE, MAN.	CANADA
60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN	60467	C	M'SILA	ALGERIA
72386	C	LAS VEGAS/MCCARRAN,NV.	USA	40310	C	MA'AN	JORDAN
40022	C	LATTAKIA	SYRIAN ARAB REP	44294	C	MAANTI	MONGOLIA
94968	C	LAUNCESTON AIRPORT	AUSTRALIA	82098	C	MACAPA	BRAZIL
07471	C	LE BUY	FRANCE	43185	C	MACHILIPATNAM	INDIA
78925	C	LE LAMENTIN	MARTINIQUE	94367	C	MACKAY MO	AUSTRALIA
78897	CT	LE RAIZET, GUADELOUPE	ST.MARTIN, ST.BARTH	72217	C	MACON/LEWIS B.WILSON,GA.	USA
07207	C	LE TALUT	FRANCE	94998	CT	MACQUARIE ISLAND	AUSTRALIA
12120	CT	LEBA	POLAND	98646	C	MACTAN	PHILIPPINES
03257	C	LEEMING	U KINGDOM	40430	CT	MADINAH	SAUDI ARABIA
98444	C	LEGASPI	PHILIPPINES	72641	C	MADISON/DANECOUNTY REGIONAL	USA
12374	T	LEGIONOWO	POLAND	43279	CT	MADRAS/MINAMBAKKAM	INDIA
10469	C	LEIPZIG-SCHKEUDITZ	GERMANY	08221	C	MADRID/BARAJAS	SPAIN
03005	CT	LERWICK	U KINGDOM	47624	C	MAEBASHI	JAPAN
80398	C	LETICIA/VASQUEZCOBO	COLOMBIA	40265	T	MAFRAQ	JORDAN
72422	C	LEXINGTON/BLUEGRASS, KY.	USA	10361	C	MAGDEBURG	GERMANY
55591	CT	LHASA	CHINA	60522	C	MAGHNIA	ALGERIA
11603	C	LIBEREC	CZECH REP	61096	C	MAINE-SOROA	NIGER
91165	C	LIHUE, KAUAI, HAWAII	USA EP	67073	C	MAINTIRANO	MADAGASCAR
07015	C	LILLE	FRANCE	47750	C	MAIZURU	JAPAN
67586	C	LILONGWE INT'L AIRPORT	MALAWI	91376	C	MAJUORO/MARSHALLS. INTL	USA
84628	CT	LIMA-CALLAO/AEROP.INTERNACI	PERU	41030	C	MAKKAH	SAUDI ARABIA
07434	C	LIMOGES	FRANCE	64456	C	MAKOUA	CONGO

STATION LIST RECENT DATA

48665	C	MALACCA	MALAYSIA	60338	C	MELILLA	SPAIN
08482	C	MALAGA/AEROPUERTO	SPAIN	97014	C	MENADO/DR.SAM RATULANGI	INDONESIA
62840	C	MALAKAL	SUDAN	87418	C	MENDOZA AERO	ARGENTINA
87506	C	MALARGUEAERO	ARGENTINA	80425	C	MENE GRANDE	VENEZUELA
17199	C	MALATYA/BOLGE	TURKEY	56985	C	MENGZI	CHINA
03980	C	MALIN HEAD	IRELAND	08314	C	MENORCA/MAHON	SPAIN
63799	C	MALINDI	KENYA	97980	C	MERAUKE/MOPAH	INDONESIA
78741	C	MANAGUA A.C.SANDINO	NICARAGUA	80438	C	MERIDA	VENEZUELA
03334	C	MANCHESTER AIRPORT	U KINGDOM	72234	C	MERIDIAN/KEY,MS.	USA
44341	C	MANDALGOVI	MONGOLIA	17340	C	MERSIN	TURKEY
43285	T	MANGALORE/PANAMBUR	INDIA	48674	C	MERSING	MALAYSIA
65352	C	MANGO	TOGO	16420	C	MESSINA	ITALY
82533	C	MANICORE	BRAZIL	76680	C	MEXICO (CENTRAL),D.F.	MEXICO
71722	T	MANIWAKI,QUE.	CANADA	72202	C	MIAMI, FL.	USA
03797	C	MANSTON	U KINGDOM	60195	C	MIDELT	MOROCCO
76654	C	MANZANILLO,COL.	MEXICO	72265	C	MIDLAND/MIDLANDREG., TX.	USA
87774	C	MAQUINCHAO	ARGENTINA	94693	C	MILDURA AIRPORT	AUSTRALIA
87692	C	MAR DEL PLATA AERO	ARGENTINA	11464	C	MILESOVKA	CZECH REP
82562	C	MARABA	BRAZIL	60430	C	MILIANA	ALGERIA
80407	C	MARACAIBO-LACHINITA	VENEZUELA	72640	C	MILWAUKEE/GEN.MITCHELL, WI.	USA
80413	C	MARACAY - B.A. SUCRE	VENEZUELA	47945	CT	MINAMIDAITOJIMA	JAPAN
61080	C	MARADI	NIGER	47991	CT	MINAMITORISHIMA	JAPAN
87467	C	MARCOS JUAREZ AERO	ARGENTINA	43369	CT	MINICOY	INDIA
16325	C	MARINA DI GINOSA	ITALY	72658	C	MINNEAPOLIS/ST.PAULINTL,MN.	USA
60230	C	MARRAKECH	MOROCCO	26850	C	MINSK	BELARUS
61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS	29866	C	MINUSINSK	RUSSIAN FEDERATION
60506	C	MASCARA METMORE	ALGERIA	96449	C	MIRI	MALAYSIA ERATION
40745	C	MASHHAD	IRAN, ISLAMIC REP	89592	CT	MIRNYJ	USSR N
41288	C	MASIRAH	OMAN	72773	C	MISSOULA/JOHNSON-BELLF.,MT.	USA
61630	C	MATAM	SENEGAL	47585	C	MIYAKO	JAPAN
47741	C	MATSUE	JAPAN	47927	C	MIYAKOJIMA	JAPAN
47618	C	MATSUMOTO	JAPAN	47830	C	MIYAZAKI	JAPAN
47887	C	MATSUYAMA	JAPAN	68242	C	MMABATHO	SOUTH AFRICA
80435	C	MATURIN	VENEZUELA	72223	C	MOBILE/BATESFIELD, AL.	USA
89564	CT	MAWSON	AUSTRALIA	30673	C	MOGOC A	RUSSIAN FEDERATION
70231	C	MCGRATH	USA	47165	C	MOKPO	REP KOREA
60549	C	MECHERIA	ALGERIA	72544	C	MOLINE/QUADCITY, IL.	USA
96035	C	MEDAN/POLONIA	INDONESIA	76342	C	MONCLOVA,COAH.	MEXICO
60437	C	MEDEA	ALGERIA	67633	C	MONGU	ZAMBIA
72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA	07560	C	MONT AIGOUAL	FRANCE
94430	C	MEEKATHARRAIRPORT	AUSTRALIA	07607	C	MONT-DE-MARSAN	FRANCE
10548	CT	MEININGEN	GERMANY	87393	C	MONTE CASEROS AERO	ARGENTINA
60150	C	MEKNES	MOROCCO	78388	C	MONTEGO BAY/SANGSTER	JAMAICA
94866	C	MELBOURNE AIRPORT	AUSTRALIA	76393	C	MONTERREY,N.L.	MEXICO

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83437	C	MONTES CLAROS	BRAZIL	41749	C	NAWABSHAH	PAKISTAN
72226	C	MONTGOMERY/DANNELLYAL.	USA	47909	CT	NAZE	JAPAN
07643	C	MONTPELLIER	FRANCE	64700	C	NDJAMENA	CHAD
71836	T	MOOSONEE,ONT.	CANADA	80315	C	NEIVA/BENITOSALAS	COLOMBIA
76665	C	MORELIA,MICH.	MEXICO	47420	CT	NEMURO	JAPAN
27612	CT	MOSKVA	RUSSIAN FEDERATION	10557	C	NEUHAUS A.R.	GERMANY
60457	C	MOSTAGANEMVILLE	ALGERIA	89002	CT	NEUMAYER	GERMANY
94821	CT	MOUNT GAMBIER AERO	AUSTRALIA	87715	C	NEUQUENAERO	ARGENTINA
64402	C	MOUYONDZI	CONGO	10270	C	NEURUPPIN	GERMANY
94332	CT	MT ISA AERO	AUSTRALIA	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
10870	C	MUENCHEN,FLUGHAFEN	GERMANY	72231	C	NEW ORLEANS/MOISANTINT., LA	USA
10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY	93309	C	NEW PLYMOUTH AWS	N ZEALAND
17292	C	MUGLA	TURKEY	72503	C	NEW YORK/LA GUARDIA, NY.	USA
42147	C	MUKTESHWARKUMAON	INDIA	64870	C	NGAOUNDERE	CAMEROON
41675	C	MULTAN	PAKISTAN	61052	CT	NIAMEY-AERO	NIGER
08430	T	MURCIA	SPAIN	65355	C	NIAMTOUGOU	TOGO
08433	C	MURCIA/SANJAVIER	SPAIN	07690	C	NICE	FRANCE
44231	C	MUREN	MONGOLIA	17250	C	NIGDE	TURKEY
22113	C	MURMANSK	RUSSIAN FEDERATION	02942	C	NIINISALO	FINLAND
47899	C	MUROTOMISAKI	JAPAN	32618	C	NIKOL'SKOE	RUSSIAN FEDERATION
72636	C	MUSKEGON/COUNTY,MI.	USA	31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION
25173	C	MYS SHMIDTA	RUSSIAN FEDERATION	07645	T	NIMES/COURBESSAC	FRANCE
25399	C	MYS UELEN	RUSSIAN FEDERATION	98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES
61049	C	N'GUIGMI	NIGER	23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION
60557	C	NAAMA	ALGERIA	41710	C	NOKKUNDI	PAKISTAN
47817	C	NAGASAKI	JAPAN	70200	CT	NOME	USA
47636	C	NAGOYA	JAPAN	94996	CT	NORFOLK ISLAND AERO	AUSTRALIA
42867	CT	NAGPUR SONEGAON	INDIA	72308	C	NORFOLK/INT.,VA.	USA
47936	C	NAHA	JAPAN	72556	C	NORFOLK/KARLSTEFAN, NE.	USA
41128	C	NAJLAN	SAUDI ARABIA	71043	CT	NORMAN WELLS UA, N.W.T.	CANADA
48431	C	NAKHONRATCHASIMA	THAILAND	72340	C	NORTH LITTLE ROCK/MUNICIPAL	USA
48400	C	NAKHONSAWAN	THAILAND	72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA
58606	C	NANCHANG	CHINA	61415	C	NOUADHIBOU	MAURITANIA
07180	T	NANCY/ESSEY	FRANCE	61442	C	NOUAKCHOTT	MAURITANIA
91680	CT	NANDI	FIJI	91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA
59431	C	NANNING	CHINA	89512	C	NOVOLAZAREVSKAJA	USSR
07222	C	NANTES	FRANCE	10763	C	NUERNBERG	GERMANY
23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION	04250	C	NUUK (GODTHAAB)	GREENLAND
72327	CT	NASHVILLE/METROPOLITAN,TN.	USA	62790	C	NYALA	SUDAN
78073	C	NASSAU AIRPORT	BAHAMAS	33837	C	ODESA	UKRAINE
82598	C	NATAL	BRAZIL	31088	CT	OHOTSK	RUSSIAN FEDERATION
71813	C	NATASHQUAN,QUE.	CANADA	47815	C	OITA	JAPAN
65319	C	NATITINGOU	BENIN	24688	C	OJMJAKON	RUSSIAN FEDERATION
91683	C	NAUSORI	FIJI	24125	CT	OLENEK	RUSSIAN FEDERATION

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72792	C	OLYMPIA, WA.	USA	93417	CT	PARAPARAUMUAERODROME	N ZEALAND
47655	C	OMAEZAKI	JAPAN	82287	C	PARNAIBA	BRAZIL
44215	C	OMNO-GOBI	MONGOLIA	41759	C	PASNI	PAKISTAN
28698	CT	OMSK	RUSSIAN FEDERATION	87289	C	PASO DE LOS LIBRES AERO	ARGENTINA
47598	C	ONAHAMA	JAPAN	42492	T	PATNA	INDIA
91699	C	ONO-I-LAU	FIJI	82791	C	PATOS	BRAZIL
87016	C	ORAN AERO	ARGENTINA	06610	T	PAYERNE	SWITZERLAND
60461	C	ORAN PORT	ALGERIA	12942	C	PECS/POGANY	HUNGARY
60490	C	ORAN/ES SENIA	ALGERIA	87544	C	PEHUAJO AERO	ARGENTINA
35121	T	ORENBURG	RUSSIAN FEDERATION	91554	C	PEKOA AIRPORT (SANTO)	VANUATU
01241	CT	ORLAND	NORWAY	48601	CT	PENANG/BAYANLEPAS	MALAYSIA
72205	C	ORLANDO/JETPORT,FL.	USA	72688	C	PENDLETON,OR.	USA
40712	C	ORUMIEH	IRAN, ISLAMIC REP	72532	C	PEORIA/GREATERPEORIA, IL.	USA
47772	C	OSAKA	JAPAN	80210	C	PEREIRA/MATECANA	COLOMBIA
47122	T	OSAN AB	REP KOREA	87852	C	PERITO MORENO AERO	ARGENTINA
10480	C	OSCHATZ	GERMANY	07747	C	PERPIGNAN	FRANCE
47675	C	OSHIMA	JAPAN	94610	CT	PERTH AIRPORT	AUSTRALIA
01384	C	OSLO/GARDERMOEN	NORWAY	41530	C	PESHAWAR	PAKISTAN
11782	C	OSTRAVA/MOSNOV	CZECH REP	82983	C	PETROLINA	BRAZIL
20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION	32540	T	PETROPVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION
21432	C	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION	72408	C	PHILADELPHIA/INT.,PA.	USA
20069	C	OSTROV VIZE	RUSSIAN FEDERATION	48378	C	PHITSANULOK	THAILAND
65503	C	OUAGADOUGOU	BURKINA FASO	72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA
65502	C	OUAHIGOUYA	BURKINA FASO	78970	CT	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD AND TOBAGO
60580	C	OUARGLA	ALGERIA	68174	CT	PIETERSBURG	SOUTH AFRICA
60265	C	OUARZAZATE	MOROCCO	87679	C	PIGUE AERO	ARGENTINA
64458	C	OUESSO	CONGO	87349	C	PILAR OBSERVATORIO	ARGENTINA
60115	C	OUIDA	MOROCCO	16158	C	PISA/S. GIUSTO	ITALY
02875	C	OULU	FINLAND	84691	C	PISCO	PERU
60421	C	OUM EL BOUAGHI	ALGERIA	72520	C	PITTSBURGH/GREATERPITT.,PA.	USA
08015	C	OVIEDO	SPAIN	84401	C	PIURA	PERU
47663	C	OWASE	JAPAN	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA	07117	C	PLOUMANACH	FRANCE
96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA	65518	C	PO	BURKINA FASO
48955	C	PAKSE	LAO PDR	72578	C	POCATELLO/NUM.,ID.	USA
96221	C	PALEMBANG/TALANGBETUTU	INDONESIA	13463	C	PODGORICA-GRAD	YUGOSLAVIA
08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN	61612	C	PODOR	SENEGAL
40061	C	PALMYRA	SYRIAN ARAB REP	47138	CT	POHANG	REP KOREA
43363	C	PAMBAN	INDIA	64400	C	POINTE-NOIRE	CONGO
96237	C	PANGKALPINANG/PANGKALPINANG	INDONESIA	07335	C	POITIERS	FRANCE
41739	C	PANJGUR	PAKISTAN	20046	C	POLARGMOIM. E.T. KRENKELJA	RUSSIAN FEDERATION
41560	C	PARACHINAR	PAKISTAN	91348	C	PONAPE, CAROLINE ISLANDS.	USA FEDERATION
65330	C	PARAKOU	BENIN	71095	C	POND INLET, N.W.T.	CANADA
87374	C	PARANA AERO	ARGENTINA	83702	C	PONTA PORA	BRAZIL

STATION LIST RECENT DATA

43063	C	POONA	INDIA	54857	C	QINGDAO	CHINA
11952	T	POPRAD-GANOVCE	SLOVAKIA	50745	C	QIQIHAR	CHINA
11934	C	POPRAD/TATRY	SLOVAKIA	41660	C	QUETTA AIRPORT	PAKISTAN
80421	C	PORLAMAR (AEROPUERTOINT. DE	VENEZUELA	80144	C	QUIBDO/EL CARANO	COLOMBIA
43333	CT	PORT BLAIR	INDIA	72797	C	QUILLAYUTE,WA.	USA
68842	CT	PORT ELIZABETH	SOUTH AFRICA	82586	C	QUIXERAMOBIM	BRAZIL
71109	CT	PORT HARDY UA,B.C.	CANADA	60135	C	RABAT-SALE	MOROCCO
94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA	40362	C	RAFHA	SAUDI ARABIA
62641	C	PORT SUDAN	SUDAN	72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA
71197	C	PORT-AUX-BASQUES,NFLD.	CANADA	93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND
61998	CT	PORT-AUX-FRANCAIS(ILES KERG	OCEAN ISLANDS	91958	CT	RAPA	FRENCH POLY.
72698	C	PORTLAND/INT.,OR.	USA	72662	C	RAPID CITY/REGIONALAIRPORT,	USA
72606	C	PORTLAND/INTNL.JET PORT, ME	USA	91843	C	RAROTONGA	COOK ISLANDS
83967	C	PORTO ALEGRE	BRAZIL	82900	C	RECIFE (CURADO)	BRAZIL
83064	C	PORTO NACIONAL	BRAZIL	87270	C	RECONQUISTAAERO	ARGENTINA
82825	C	PORTO VELHO	BRAZIL	07070	C	REIMS	FRANCE
08546	C	PORTO/SERRADO PILAR	PORTUGAL	96171	C	RENGAT/JAPURA	INDONESIA
87178	C	POSADAS AERO.	ARGENTINA	07130	C	RENNES	FRANCE
83332	C	POSSE	BRAZIL	72488	C	RENO/INT.,NV.	USA
10379	C	POTSDAM	GERMANY	87155	CT	RESISTENCIA AERO.	ARGENTINA
12330	C	POZNAN	POLAND	71924	T	RESOLUTE UA, N.W.T.	CANADA
48500	C	PRACHUAPKHIRIKHAN	THAILAND	04030	C	REYKJAVIK	ICELAND
11520	CT	PRAHA-LIBUS	CZECH REP	72401	C	RICHMOND/BYRD,VA.	USA
11518	C	PRAHA/RUZYNE	CZECH REP	91948	C	RIKITEA	FRENCH POLY.
16245	T	PRATICA DI MARE	ITALY	44203	C	RINCHINLHUMBE	MONGOLIA
68262	C	PRETORIA	SOUTH AFRICA	82915	C	RIO BRANCO	BRAZIL
11659	C	PRIBYSLAV	CZECH REP	87736	C	RIO COLORADO	ARGENTINA
11423	C	PRIMDA	CZECH REP	87453	C	RIO CUARTO AERO	ARGENTINA
71869	C	PRINCE ALBERT,SASK.	CANADA	87925	C	RIO GALLEGOS AERO	ARGENTINA
04390	C	PRINS CHRISTIAN SUND	GREENLAND	80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA
72507	C	PROVIDENCE/GREENSTATE, RI.	USA	40438	C	RIYADH	SAUDI ARABIA
80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA	72411	C	ROANOKE/MUN.,VA.	USA
84515	C	PUCALLPA	PERU	72644	C	ROCHESTER/MUN.,MN.	USA
85574	C	PUDAHUEL	CHILE	72529	C	ROCHESTER/R-MONROECTY., NY.	USA
80457	C	PUERTO AYACUCHO	VENEZUELA	94374	C	ROCKHAMPTON AERO	AUSTRALIA
80139	C	PUERTO CARRENO/A.GUAUQUEA	COLOMBIA	61988	C	RODRIGUES	MAURITIUS
87896	C	PUERTO DESEADO AERO	ARGENTINA	06190	C	ROENNE	DENMARK & FAROE IS.
78767	C	PUERTO LIMON	COSTA RICA	87480	C	ROSARIO AERO	ARGENTINA
85799	CT	PUERTO MONTT	CHILE	03957	C	ROSSLARE	IRELAND
85934	CT	PUNTA ARENAS	CHILE	10170	C	ROSTOCK-WARNEMUENDE	GERMANY
87596	C	PUNTA INDIO B.A.	ARGENTINA	89062	C	ROTHERA POINT	U KINGDOM
70249	C	PUNTILLA	USA	91650	C	ROTUMA	FIJI
47159	C	PUSAN	REP KOREA	07037	C	ROUEN	FRANCE
56137	C	QAMDO	CHINA	51777	C	RUOQIANG	CHINA

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28966	C	RUZAEVKA	KAZAKHSTAN	87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA
96001	C	SABANG/CUTBAU	INDONESIA	85577	C	SANTIAGO QUINTA NORMAL	CHILE
71600	CT	SABLE ISLAND,N.S.	CANADA	82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL
72483	C	SACRAMENTO/EXECUTIVECA.	USA	82280	C	SAO LUIZ	BRAZIL
06680	C	SAENTIS	SWITZERLAND	83781	C	SAO PAULO	BRAZIL
42671	C	SAGAR	INDIA	47412	CT	SAPPORO	JAPAN
60536	C	SAIDA	ALGERIA	41594	C	SARGODHA	PAKISTAN
47740	C	SAIGO	JAPAN	65599	C	SASSANDRA	COTE D'IVOIRE
44336	C	SAIKHAN-OVOO	MONGOLIA	72734	C	SAULT STE. MARIE, MI.	USA
61980	C	SAINT-DENIS/GILLOT(REUNION)	OCEAN ISLANDS	72207	C	SAVANNAH/MUNICIPAL,GA.	USA
61600	C	SAINT-LOUIS	SENEGAL	48947	C	SAVANNAKHET	LAO PDR
41316	CT	SALALAH	OMAN	65335	C	SAVE	BENIN
08202	C	SALAMANCA/MATACAN	SPAIN	48938	C	SAYABOURY	LAO PDR
23330	CT	SALEHARD	RUSSIAN FEDERATION	71828	C	SCHEFFERVILLE,QUE.	CANADA
72572	C	SALT LAKE CITY/INTL, UT.	USA	10035	CT	SCHLESWIG	GERMANY
87047	C	SALTA AERO	ARGENTINA	10162	C	SCHWERIN	GERMANY
76390	C	SALTILLO,COAH	MEXICO	98430	C	SCIENCE GARDEN	PHILIPPINES
11150	C	SALZBURG-FLUGHAFEN	AUSTRIA	72793	C	SEATTLE/S.-TACOMA,WA.	USA
35925	C	SAM	KAZAKHSTAN	41256	CT	SEEB, INTERNATIONALAIRPORT	OMAN
17030	CT	SAMSUN	TURKEY	25703	T	SEJMCHAN	RUSSIAN FEDERATION
80001	C	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA	36177	C	SEMIPALATINSK	KAZAKHSTAN
72263	C	SAN ANGELO/MATHIS,TX.	USA	62762	C	SENNAR	SUDAN
80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA	48948	C	SENO	LAO PDR
87784	C	SAN ANTONIO OESTE AERO	ARGENTINA	47108	C	SEOUL	REP KOREA
72253	C	SAN ANTONIO/INT.,TX.	USA	71811	T	SEPT-ILES UA,QUE.	CANADA
72290	C	SAN DIEGO/LINDBERGH,CA.	USA	61976	C	SERGE-FROLOW(ILE TROMELIN)	OCEAN ISLANDS
80450	C	SAN FERNANDODE APURE	VENEZUELA	60445	C	SETIF	ALGERIA
72494	C	SAN FRANCISCO/INTL,CA.	USA	08391	C	SEVILLA/SAN PABLO	SPAIN
87311	C	SAN JUAN AERO	ARGENTINA	63980	C	SEYCHELLESINT. AIRPORT	SEYCHELLES
80431	C	SAN JUAN DE LOS MORROS	VENEZUELA	58362	CT	SHANGHAI	CHINA
78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US	03962	C	SHANNON AIRPORT	IRELAND
87909	C	SAN JULIAN AERO	ARGENTINA	59316	C	SHANTOU	CHINA
87436	C	SAN LUIS AERO	ARGENTINA	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
60020	C	SANTA CRUZ DE TENE- RIFE, CM	SPAIN	40848	C	SHIRAZ	IRAN, ISLAMIC REP
80462	C	SANTA ELENA DE UAIREN	VENEZUELA	72248	C	SHREVEPORT/REG.LA.	USA
08515	C	SANTA MARIA (ACORES)	PORTUGAL	41600	C	SIALKOT	PAKISTAN
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	26524	C	SIAULIAI	LITHUANIA
87623	CT	SANTA ROSA AERO	ARGENTINA	15260	C	SIBIU	ROMANIA
08023	CT	SANTANDER	SPAIN	96073	C	SIBOLGA/PINANGSORI	INDONESIA

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96421	C	SIBU	MALAYSIA	02365	T	SUNDSVALL-HARNOSANDEPPL	SWEDEN
60520	C	SIDI BEL ABBES	ALGERIA	24738	C	SUNTAR	RUSSIAN FEDERATION
17210	C	SIIRT	TURKEY	41268	C	SUR	OMAN
42619	C	SILCHAR	INDIA	96933	C	SURABAYA/PERAK	INDONESIA
33946	C	SIMFEROPOL'	UKRAINE	98653	C	SURIGAO	PHILIPPINES
48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE	47421	C	SUTTSU	JAPAN
72557	C	SIOUX CITY/MUN.,IA.	USA	01008	C	SVALBARDLUFTHAVN	NORWAY
72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA	94767	C	SYDNEY AIRPORT	AUSTRALIA
71842	C	SIOUX LOOKOUT,ONT.	CANADA	23804	T	SYKTYVKAR	RUSSIAN FEDERATION
17090	C	SIVAS	TURKEY	89532	CT	SYOWA	JAPAN N
71069	C	SLAVE LAKE, ALTA	CANADA	72519	C	SYRACUSE/HANCOCK,NY.	USA
11903	C	SLIAC	SLOVAKIA	12205	C	SZCZECIN	POLAND
71950	C	SMITHERS,B.C.	CANADA	12982	CT	SZEGED	HUNGARY
02836	C	SODANKYLA	FINLAND	65380	C	TABLIGBO	TOGO
15614	CT	SOFIA (OBSERV.)	BULGARIA	65592	C	TABOU	COTE D'IVOIRE
65361	C	SOKODE	TOGO	40706	C	TABRIZ	IRAN, ISLAMIC REP
48568	C	SONGKHLA	THAILAND	40375	CT	TABUK	SAUDI ARABIA
11146	C	SONNBlick	AUSTRIA	98550	C	TACLOBAN	PHILIPPINES
97502	C	SORONG/JEFMAN	INDONESIA	84782	C	TACNA	PERU
16746	C	SOUDA (AIRPORT)	GREECE	47133	C	TAEJON	REP KOREA
60423	C	SOUK AHRAS	ALGERIA	98644	C	TAGBILARAN	PHILIPPINES
72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA	83235	C	TAGUATINGA	BRAZIL
72785	C	SPOKANE/INT.,WA.	USA	91938	CT	TAHITI-FAAA	FRENCH POLY.
68512	C	SPRINGBOK	SOUTH AFRICA	61043	C	TAHOA	NIGER
72439	C	SPRINGFIELD/CAPITAL,IL.	USA	41036	C	TAIF	SAUDI ARABIA
42027	CT	SRINAGAR	INDIA	53772	C	TAIYUAN	CHINA
61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS	47891	C	TAKAMATSU	JAPAN
61901	CT	ST. HELENA IS.	OCEAN ISLANDS	91943	C	TAKAROA	FRENCH POLY.
72434	C	ST. LOUIS/LAMBERT,ST., MO.	USA	70251	C	TALKEETNA	USA
70308	C	ST. PAUL	USA	72214	C	TALLAHASSEE/MUN.,FL.	USA
26063	C	ST. PETERBURG	RUSSIAN FEDERATION	26038	C	TALLINN	ESTONIA
11028	C	ST. POELTEN	AUSTRIA	60680	CT	TAMANRASSET	ALGERIA
71801	T	ST.JOHN'S UA,NLFD	CANADA	67095	C	TAMATAVE	MADAGASCAR
83997	C	ST.VITORIADO PALMAR	BRAZIL	61687	C	TAMBACOUNDA	SENEGAL
01415	CT	STAVANGER/SOLA	NORWAY	38413	C	TAMDY	UZBEKISTAN
71815	T	STEPHENVILLEUA,NLFD	CANADA	72211	C	TAMPA/INT.,FL.	USA
72403	T	STERLING, VA.	USA	76548	C	TAMPICO, TAMP	MEXICO
80475	C	STO.DOMINGO(B.A.)	VENEZUELA	87645	C	TANDIL AERO	ARGENTINA
03026	C	STORNOWAY	U KINGDOM	47837	C	TANEGASHIMA	JAPAN
07190	C	STRASBOURG	FRANCE	60101	C	TANGER(AERODROME)	MOROCCO
10738	C	STUTTGART-ECHTERDINGEN	GERMANY	76903	C	TAPACHULA,CHIS.	MEXICO
10739	T	STUTTGART/SCHNARRENBERG	GERMANY	84455	C	TARAPOTO	PERU
15360	C	SULINA	ROMANIA	91610	T	TARAWA	KIRIBATI
97260	C	SUMBAWA BESAR/SUMBAWABESAR	INDONESIA	44230	C	TARIALAN	MONGOLIA

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23552	C	TARKO-SALE	RUSSIAN FEDERATION	83618	C	TRES LAGOAS	BRAZIL
26242	C	TARTU	ESTONIA	10609	C	TRIER-PETRISBERG	GERMANY
38457	C	TASHKENT	UZBEKISTAN	16110	C	TRIESTE	ITALY
04360	C	TASIILAQ (AMASSALIK)	GREENLAND	43418	C	TRINCOMALEE	SRI LANKA
47646	T	TATENO	JAPAN	01025	C	TROMSO/LANGNES	NORWAY
96481	CT	TAWAU	MALAYSIA	84501	C	TRUJILLO	PERU
40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP	91334	C	TRUK, CAROLINEIS.	USA
96295	C	TELUKBETUNG/BERANTI	INDONESIA	44282	C	TSETSERLEG	MONGOLIA
85743	C	TEMUCO	CHILE	44347	C	TSOGT-OVOO	MONGOLIA
60410	C	TENES	ALGERIA	91954	C	TUBUAI	FRENCH POLY.
56739	C	TENGCHONG	CHINA	72274	C	TUCSON/INT.,AZ.	USA
94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA	87121	C	TUCUMAN AERO	ARGENTINA
83492	C	TEOFILO OTONI	BRAZIL	98233	C	TUGUEGARAO	PHILIPPINES
76556	C	TEPIC,NAY	MEXICO	76634	C	TULANCINGO,HGO.	MEXICO
82578	C	TERESINA	BRAZIL	67161	C	TULEAR	MADAGASCAR
48946	C	THAKHEK	LAO PDR	84370	C	TUMBES	PERU
71867	CT	THE PAS, MAN.	CANADA	80453	C	TUMEREMO	VENEZUELA
16622	C	THESSALONIKI/MIKRA	GREECE	60715	CT	TUNIS-CARTHAGE	TUNISIA
43371	CT	THIRUVANANTHAPURAM	INDIA	24507	CT	TURA	RUSSIAN FEDERATION
71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA	40356	C	TURAIIF	SAUDI ARABIA
06011	C	THORSHAVN	DENMARK & FAROE IS.	38507	C	TURKMENBASHI	TURKMENISTAN
41314	C	THUMRAIT	OMAN	02972	C	TURKU	FINLAND
60511	C	TIARET	ALGERIA	23472	CT	TURUHANSK	RUSSIAN FEDERATION
61036	C	TILLABERY	NIGER	48407	T	UBON RATCHATHANI	THAILAND
60607	C	TIMMOUN	ALGERIA	06447	C	UCCLE	BELGIUM
15247	C	TIMISOARA	ROMANIA	16045	C	UDINE/RIVOLTO	ITALY
02366	C	TIMRA/MIDLANDA	SWEDEN	48354	C	UDON THANI	THAILAND
60656	C	TINDOUF	ALGERIA	44214	C	UIGI	MONGOLIA
03100	C	TIREE	U KINGDOM	97180	C	UJUNG PANDANG/HASANUDDIN	INDONESIA
60395	C	TIZI-OUZOU	ALGERIA	44292	C	ULAAN-BAATOR	MONGOLIA
60531	C	TLEMCEN (ZENATA)	ALGERIA	44212	C	ULAAN-GOM	MONGOLIA
28275	C	TOBOL'SK	RUSSIAN FEDERATION	44272	C	ULIASTAI	MONGOLIA
47662	C	TOKYO	JAPAN	47115	C	ULLUNGDO	REP KOREA
72536	C	TOLEDO/EXPRESS,OH.	USA	44304	C	UNDERKHAAN	MONGOLIA
76675	C	TOLUCA,MEX	MEXICO	91652	C	UNDU POINT	FIJI
76382	C	TORREON,COAH.	MEXICO	76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO
08238	C	TORTOSA	SPAIN	68424	C	UPINGTON	SOUTH AFRICA
44225	C	TOSONTSENGEL	MONGOLIA	47426	C	URAKAWA	JAPAN
60555	C	TOUGGOURT	ALGERIA	51463	CT	URUMQI	CHINA
07630	C	TOULOUSE/BLAGNAC	FRANCE	17188	C	USAK	TURKEY
94294	CT	TOWNSVILLE AERO	AUSTRALIA	87938	C	USHUAIA AERO	ARGENTINA
16429	CT	TRAPANI/BIRGI	ITALY	25325	C	UST'-OLOJ	RUSSIAN FEDERATION
87828	C	TRELEW AERO	ARGENTINA	61995	T	VACOAS(MAURITIUS)	MAURITIUS
87688	C	TRES ARROYOS	ARGENTINA	85766	C	VALDIVIA	CHILE

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80472	C	VALENCIA	VENEZUELA	71964	CT	WHITEHORSE,UA, Y.T.	CANADA
08284	C	VALENCIA/AEROPUERTO	SPAIN	72351	C	WICHITA FALLS/SHEPS AFB TX	USA
03953	CT	VALENTIAOBSERVATORY	IRELAND	11035	CT	WIEN/HOHEWARTE	AUSTRIA
80426	C	VALERA	VENEZUELA	72513	C	WILKES-BARRE-SCRANTONPA.	USA
08141	C	VALLADOLID	SPAIN	94776	CT	WILLIAMTOWNAERODROME	AUSTRALIA
80434	C	VALLEDE LA PASCUA	VENEZUELA	94299	C	WILLIS ISLAND	AUSTRALIA
03302	C	VALLEY	U KINGDOM	72767	C	WILLISTON/SLOULINFIELD, ND.	USA
17170	C	VAN	TURKEY	72583	C	WINNEMUCCA/MUN.,NV.	USA
01098	C	VARDO	NORWAY	10474	C	WITTENBERG	GERMANY
15552	C	VARNA	BULGARIA	12497	C	WLODAWA	POLAND
83264	C	VERA (GLEBA CELESTE)	BRAZIL	12425	T	WROCLAWI	POLAND
42909	C	VERAVAL	INDIA	12424	C	WROCLAWII	POLAND
24266	CT	VERHOJANSK	RUSSIAN FEDERATION	57036	C	XI'AN	CHINA
89063	C	VERNADSKY	UKRAINE	56571	C	XICHANG	CHINA
16090	C	VERONA/VILLAFRANCA	ITALY	72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA
72255	C	VICTORIA/VICTORIAREG., TX.	USA	70361	CT	YAKUTAT	USA
87791	C	VIEDMA AERO	ARGENTINA	54292	C	YANJI	CHINA
48940	C	VIENTIANE	LAO PDR	91413	C	YAP, CAROLINEIS.	USA
08045	C	VIGO/PEINADOR	SPAIN	71603	CT	YARMOUTH,N.S.	CANADA
24641	C	VILJUJSK	RUSSIAN FEDERATION	40439	C	YENBO	SAUDI ARABIA
60096	C	VILLA CISNEROS	WESTERN SAHARA	57461	C	YICHANG	CHINA
87328	C	VILLA DOLORES AERO	ARGENTINA	53614	C	YINCHUAN	CHINA
87448	C	VILLA REYNOLDSAERO	ARGENTINA	51431	C	YINING	CHINA
11212	C	VILLACHERALPE	AUSTRIA	47744	T	YONAGO	JAPAN
76743	C	VILLAHERMOSA,TAB	MEXICO	47168	C	YOSU	REP KOREA
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA	72525	C	YOUNGSTOWN,OH.	USA
26730	C	VILNIUS	LITHUANIA	98836	C	ZAMBOANGA	PHILIPPINES
02590	C	VISBY FLYGPLATS	SWEDEN	44358	C	ZAMYN-UUD	MONGOLIA
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	81225	C	ZANDERIJ	SURINAME
27037	C	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				

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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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