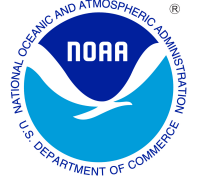




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JULY 2005

MONTHLY

CLIMATIC

DATA

FOR THE WORLD

**PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION**

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

**Director
National Climatic Data**

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**National
Climatic Data Center
Asheville, North Carolina**

PREFACE

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

REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = C, degrees = °, 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

JULY 2005

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.
EUROPE																
NORWAY																
01001 JAN MAYEN	7056N	00840W	9		1011.1	1012.2	6.1	1.9	8.4	1.0	9	30	-17	1		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1007.1	1010.4	7.2	1.4	7.3	.2	4	19	1	4		
01025 TROMSO/LANGNES	6941N	01855E	10		1011.6	1012.6	12.9	1.1	10.8	.3	9	60	-13	2		
01028 BJORNOYA	7431N	01901E	16		1010.7	1012.6	5.8	1.4	8.3	.4	5	32	2	3		
01098 VARDO	7022N	03106E	15		1011.3	1013.1	10.2	1.0	10.4	.2	11	107	58	5		
01152 BODO VI	6715N	01422E	20		1010.9	1012.4	15.0	2.5	12.3	.8	6	62	-30	2	260	151
01241 ORLAND III	6342N	00936E	7		1011.8	1012.9	14.6	1.9	13.1	.7	6	25	-60	1		
01317 BERGEN/FLORIDA	6023N	00520E	36		1007.6	1011.9	16.2	1.7	14.2	1.8	12	89	-59	2		
01384 OSLO/GARDERMOEN	6012N	01105E	204		987.0	1010.8	17.6	2.4	12.3	.8	7	66	-13	3		
01415 STAVANGER/SOLA	5853N	00538E	9		1011.2	1012.3	15.2	1.0	14.0	1.3	7	28	-63	1		
SWEDEN																
02080 KARESUANDO	6826N	02230E	325		972.6	1011.2	15.0	2.2	11.5	.6	12	88	13	4	273	112
02128 GUNNARN	6458N	01742E	281		979.3	1012.2	15.9	1.4	13.1	2.0	13	126	41	4		
02196 HAPARANDA	6550N	02409E	6		1010.5	1011.3	17.7	2.3	15.5	2.7	10	134	85	6	346	114
02226 FROSON	6312N	01430E	360		967.9	1011.7	16.1	2.7	13.4	2.4	11	79	3	3	297	130
02366 TIMRA/MIDLANDA	6231N	01727E	7		1011.0	1011.5	17.0	1.7	15.3	2.9	7	97	35	5		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		998.4	1011.0	18.8	2.7	14.3	1.0	12	71	9	4	269	102
02512 GOTEBOG/SAVE	5747N	01153E	16		1009.5	1011.6	18.0	1.8	17.5	3.6	10	140	72	5	235	97
02550 JONKOPING/AXAMO	5745N	01405E	218		985.1	1011.4	17.0	2.0	14.7	2.3	13	137	64	5		
02590 VISBY FLYGPLATS	5740N	01821E	41		1005.7	1011.7	18.1	1.8	15.7	1.3	10	78	28	4	314	111
FINLAND																
02801 KILPISJARVI	6903N	02047E	476		953.3	1012.3	13.1		10.6		7	45		2		
02805 KEVO	6945N	02702E	101		999.7	1012.2	14.2		11.4		10	100		5	258	105
02836 SODANKYLA	6722N	02639E	179		989.2	1011.5	16.3	2.2	11.9		10	76	11	4	318	116
02869 KUUSAMO	6558N	02911E	263		978.6	1011.5	17.0	2.8	12.7		9	77	4	4		
02875 OULU	6456N	02522E	15		1009.6	1011.5	18.2	2.2	14.5		10	83	26	4		
02897 KAJAANI	6417N	02741E	136		995.2	1011.9	17.6	2.0	13.7		11	70	2	3		
02929 JOENSUU	6240N	02938E	117		997.1	1012.0	18.7	2.3	13.5		8	63	-12	3		
02935 JYVASKYLA	6224N	02541E	145		994.1	1011.5	17.9	2.2	13.9		9	90	12	3	310	122
02942 NIINISALO	6151N	02228E	136		996.0	1011.5	17.9	2.2	15.5		8	76	5	4		
02963 JOKIOINEN	6049N	02330E	103		998.5	1011.4	18.0	2.2	14.1		10	75	-5	3	293	119
02972 TURKU	6031N	02216E	59		1004.3	1011.6	18.8	2.3	13.7		11	144	66	5		
02974 HELSINKI-VANTAA	6019N	02458E	56		1004.8	1011.8	19.2	2.6	14.6		6	36	-37	1	295	107
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		1003.6	1013.5	12.1	.7	12.3		12	58	-4	3	110	89

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
03026 STORNOWAY	5813N	00619W	13		1012.8	1014.6	13.1	.4	13.5		9	57	-16	2	85	66
03066 KINLOSS	5739N	00334W	7		1014.2	1014.8	15.0	.8	12.6		8	20	-35	1	134	91
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		1006.6	1014.4	14.6	.8	12.8		12	45	-15	3	158	101
03100 TIRRE	5630N	00653W	12		1014.1	1015.1	13.8	.5	13.3		8	39	-40	1	186	118
03162 ESKDALEMUIR	5519N	00312W	242		986.7	1015.5	14.0	.8	12.5		9	56	-42	2	146	97
03257 LEEMING	5418N	00132W	40		1011.1	1014.9	16.3	.8	13.7		9	67	17	4	139	85
03302 VALLEY	5315N	00432W	11		1014.6	1015.8	16.0	.7	15.0		8	46	-7	3	204	104
03377 WADDINGTON	5310N	00031W	68		1006.9	1015.0	16.7	.9	14.1		10	68	15	4	183	98
03502 ABERPORTH	5208N	00434W	133		1000.0	1015.8	15.4	.7	14.7		10	78	28	5	158	84
03740 LYNEHAM	5130N	00159W	145		998.6	1015.8	16.8	.8	14.5		12	58	3	4	206	100
03797 MANSTON	5121N	00121E	55		1009.5	1015.4	17.3	.6	14.9		12	89	44	5	153	73
03808 CAMBORNE	5013N	00519W	88		1006.7	1017.1	16.2		16.0		11	48		4	179	85
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1014.8	1016.0	17.3	1.0	15.8		8	54	14	5	219	100
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1008.3	1015.9	15.5	.8	14.0		10	44	-20	2	116	79
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1014.0	1017.6	15.7	.8	15.7	1.2	11	78	5	3	166	115
03955 CORK AIRPORT	5151N	00829W	162		997.6	1016.9	15.8	1.2	14.5	.7	9	107	42	5	167	95
03957 ROSSLARE	5215N	00620W	25		1013.1	1016.1	16.0	1.1	15.4	1.2	9	127	76	6	196	100
03962 SHANNON AIRPORT	5242N	00855W	20		1014.5	1016.9	16.1	.6	14.5	.4	12	46	-11	3	142	100
03967 CASEMENT AERODROME	5318N	00626W	93		1004.9	1016.0	15.9		14.3		9	79			144	90
03969 DUBLIN AIRPORT	5326N	00615W	85		1006.1	1016.3	15.5	.5	14.2	.7	9	83	33	5	153	90
03973 CONNAUGHT AIRPORT	5345N	00849W	209		991.7	1016.7	14.3		13.7		12	41			115	
03976 BELMULLET	5414N	01000W	10		1015.7	1016.9	15.0	.9	14.6	.7	10	32	-36	1	113	85
03980 MALIN HEAD	5522N	00720W	25		1012.8	1015.8	14.2	.5	14.0	.7	9	24	-48	1	101	75
ICELAND																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		1003.6	1009.5	11.4		11.2		11	66		1		
04063 AKUREYRI	6541N	01805W	27		1006.0	1009.3	11.9	1.4	10.6	.6	4	38	5	2	203	128
04082 AKURNES	6418N	01513W	21		1007.2	1009.7	11.2		11.4		10	204		6		
GREENLAND																
04220 AASIAAT (EGEDSMINDE)	6842N	05251W	41			1009.9	7.3	1.6	8.3		7	41	14			
04250 NUUK (GODTHAAB)	6410N	05145W	70			1010.4	7.6	1.1	8.8		3	34	-48			
04312 STATION NORD AWS	8136N	01641W	36			1009.7										
04320 DANMARKSHAVN	7646N	01840W	12			1010.7	5.3	1.6	6.0		3	9	-5			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1011.4	6.9		6.1		8	48	26			
04360 TASILAQ (AMASSALIK)	6536N	03738W	52			1010.1	8.7	2.3	8.9		12	129	82			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1010.4	9.9	3.4	8.7		9	85	-46			
DENMARK AND FAROE ISLANDS																
06011 THORSHAVN	6201N	00646W	55			1012.5	10.9	.6	11.2		9	48	-33			
06030 AALBORG	5706N	00951E	13			1011.9	17.5	1.8	15.2		8	64				

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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.
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1012.5	18.9		15.1		9	58				
06190 ROENNE	5504N	01445E	16			1013.1	18.5	1.5								
NETHERLANDS																
06235 DE KOOY	5255N	00447E	14		1014.3	1014.4	16.8	.6	15.7	.7	12	107	43	5	143	70
06260 DE BILT	5206N	00511E	15		1014.3	1014.6	17.7	.9	15.7	.8	13	159	84	5	156	83
BELGIUM																
06447 UCCLÉ	5048N	00421E	104		1003.5	1015.3	18.4	1.2	15.9	.6	14	124	49	5	175	95
LUXEMBOURG																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		972.2	1015.9	18.3		14.7		13	141	73	5	236	102
SWITZERLAND & LIECHTENSTEIN																
06660 ZURICH (TOWN/VILLE)	4723N	00834E	569		951.3	1016.2	18.3	.7	15.1	.4	14	117	-1	3	194	92
06680 SAENTIS	4715N	00921E	2500		755.4	3120 Z	5.5	.4	7.9	.8	17	264	-51	2	128	76
06700 GENEVE-COINTRIN	4615N	00608E	416		968.4	1015.9	20.9	1.8	14.2	.2	6	66	1	3	284	111
06770 LUGANO	4600N	00858E	276		982.8	1014.4	22.9	1.8	16.6	-2	6	90	-48	2	253	101
FRANCE																
07005 ABBEVILLE	5008N	00150E	77		1007.0	1016.1	17.2		16.5		9	134			184	85
07015 LILLE	5034N	00306E	52		1009.8	1015.4	18.2		16.4		16	173			170	80
07020 LA HAGUE	4943N	00156E	9		1014.8	1016.2	17.0		16.7		6	35				
07027 CAEN	4911N	00027W	78		1008.9	1016.8	17.5	.8	16.0		8	52	5	4	177	78
07037 ROUEN	4923N	00111E	157		998.5	1016.4	17.6		16.2		11	81			162	80
07070 REIMS	4918N	00402E	99		1005.0	1015.7	19.4		16.6		11	81			170	70
07110 BREST	4827N	00425W	99		1006.5	1017.7	17.2	1.2	16.1		10	93	47	5	175	76
07117 PLOUMANACH	4850N	00328W	71		1010.4	1017.3	16.9		16.6		10	85				
07130 RENNES	4804N	00144W	37		1012.3	1017.3	19.3		15.9		8	34			212	100
07139 ALENCON	4827N	00007E	144		999.9	1016.7	18.6		16.1		9	39			182	85
07149 PARIS-ORLY	4844N	00224E	96		1005.6	1016.1	20.2		15.9		6	36				
07190 STRASBOURG	4833N	00738E	154		997.8	1015.7	20.0	1.0	16.5		11	63	7	3	203	85
07207 LE TALUT	4718N	00313W	43		1012.6	1018.0	18.9		16.7		7	59				
07222 NANTES	4710N	00136W	27		1014.2	1017.4	20.2	1.2	16.0		5	29	-17	2	206	77
07240 TOURS	4727N	00043E	112		1003.8	1016.8	20.3		16.0		10	47			192	80
07255 BOURGES	4704N	00222E	166		997.4	1016.7	20.5	1.3	16.1		11	88	37	5	209	80
07280 DIJON	4716N	00505E	227		989.8	1016.0	20.7	1.1	15.0		10	31	-20	2	232	87
07299 BALE-MILHOUSE	4736N	00731E	271		984.5	1016.0	19.4		16.3		14	102			213	90
07314 CHASSIRON	4602N	00125W	22		1015.3	1017.9	19.9		18.5		5	40				
07335 POITIERS	4635N	00019E	129		1003.2	1017.3	20.1		15.5		7	45			228	90
07434 LIMOGES	4552N	00111E	402		970.9	1017.1	19.3		15.1		7	32			243	100
07460 CLERMONT-FERRAND	4547N	00310E	332		978.6	1016.4	20.8		14.6		4	30			239	95
07471 LE BUY	4505N	00346E	833		922.9		18.0		12.3		2	27			257	100

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
07481 LYON/SATOLAS	4544N	00505E	248		988.3	1015.9	22.1		15.2		6	48			258	90
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1011.4	1017.7	22.1		16.7		6	20	-26	2	273	110
07535 GOURDON	4445N	00124E	264		987.2	1017.3	21.0		15.8		6	27			276	105
07560 MONT AIGOUAL	4407N	00335E	1567		846.3		13.4		11.0		2	2		6		
07577 MONTELMAR	4435N	00444E	74		1007.0	1015.5	23.9		15.8		2	4			337	105
07591 EMBRUN	4434N	00630E	876		916.3		19.8		12.1		6	70			298	105
07607 MONT-DE-MARSAN	4355N	00030W	63		1011.0	1018.0	22.1		17.6		6	28			265	120
07630 TOULOUSE/BLAGNAC	4338N	00122E	153		999.0	1016.8	23.0		15.7		4	10	-31	1	267	105
07643 MONTPELLIER	4335N	00358E	6		1014.6	1015.5	24.3		17.2		1	2			335	95
07661 CAP CEPET	4305N	00556E	136		998.4	1014.0	23.5		17.3		0	0				
07690 NICE	4339N	00712E	10		1010.2	1013.4	24.4		18.4		2	8	-7	3	354	105
07747 PERPIGNAN	4244N	00252E	48		1010.6	1016.0	24.8		16.5		2	9	-8	1	315	105
07761 AJACCIO	4155N	00848E	9		1013.5	1014.5	22.9		18.7		0	0	-11	1	366	100
07790 BASTIA	4233N	00929E	12		1012.3	1013.7	24.3		20.2		2	16			346	100
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1010.1	1018.0	20.6	2.2	16.8	.0	7	19	-6	3	276	111
08015 OVIEDO	4321N	00552W	339		978.5	1017.4	19.7	1.6	16.6	.0	4	18	-37	1	213	120
08023 SANTANDER	4328N	00348W	59		1012.2	1019.0	20.3	1.0	19.2	1.7	5	38	-13	3	252	119
08027 SAN SEBASTIAN/IGUELDO	4318N	00203W	259		988.4	1018.3	19.8	1.4	17.8	.0	7	38	-40	2	232	120
08045 VIGO/PEINADOR	4213N	00838W	255		988.9	1018.7	20.0	.9	15.9	-9	7	47	9	4	301	103
08075 BURGOS/VILLAFRIA	4222N	00338W	891		917.5	1550 Y	20.6	2.2	12.4	-1.4	0	T	-27	1	379	117
08084 LOGRONO/AGONCILLO	4227N	00220W	363		975.1	1016.1	23.6	1.5	15.1	.2	0	0	-22	0	358	117
08141 VALLADOLID	4139N	00446W	739		932.6	1013.5	22.9	1.5	10.5	-7	0	T	-17	1	417	116
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		985.7	1014.7	26.1	1.8	14.9	-1	1	3	-12	1	403	117
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1015.8	1016.4	25.3	2.4	22.0	1.2	3	31	9	4	259	84
08184 GERONA/COSTA BRAVA	4154N	00246E	129		1001.0	1015.7	24.6	1.5	17.7	-7	2	28	-10	3	254	91
08202 SALAMANCA/MATACAN	4057N	00530W	795		926.9	1014.4	21.9	.9	11.0	-2.4	0	T	-18	1	400	110
08221 MADRID/BARAJAS	4027N	00333W	582		948.9	1012.6	26.9	2.6	9.3	-4.4	0	0	-8	2	363	104
08238 TORTOSA	4049N	00030E	50		1009.0	1014.7	27.4	2.1	20.5	.7	1	1	-12	1	335	106
08261 CACERES	3928N	00620W	405		970.2	1015.2	27.2	1.6	12.4	.2	0	T	-5	2	398	110
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		936.7	1013.3	26.3	2.2	17.3	3.6	1	5	-4	3	375	107
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1008.0	1015.2	25.5	.8	19.9	-8	4	14	-2	4	280	89
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1015.6	1016.2	25.5	1.7	22.9	2.0	0	T	-9	2	334	101
08314 MENORCA/MAHON	3952N	00414E	82		1006.2	1016.0	24.9	.7	19.2	-1.0	0	T	-3	3	321	92
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		993.9	1014.7	26.7	1.4	16.1	.1	0	T	-3	3	396	107
08348 CIUDAD REAL	3859N	00355W	629		945.0	1013.7	27.9	2.9	14.3	-1.7	0	T	-10	2	372	102
08359 ALICANTE	3822N	00030W	82		1005.9	1015.2	26.2	1.1	24.0	2.9	0	T	-4	3	306	90
08373 IBIZA/ES CODOLA	3852N	00123E	12		1013.8	1015.8	25.9	1.0	23.3	.5	0	T	-5	3	318	94
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1010.8	1014.3	28.8		20.1		0	0		5	360	100
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1004.8	1015.2	28.4	1.5	18.8	2.5	0	0	-5	3	380	106
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1014.8	1015.1	25.8	1.9	25.5	2.5	0	T	-6	3	327	116
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1013.0	1016.1	26.3	1.2	21.4	2.5	0	0	-1	4	373	105
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1014.0	1014.8	27.0	2.2	18.3	-6	0	0	-1	4	353	102
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.0	1014.4	26.5	1.1	19.4	-2.1	1	1	0	4	345	101

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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.
GIBRALTAR 08495 GIBRALTAR	3609N	00521W	5		1015.5	1016.1	24.9								351	100
PORTUGAL																
08506 HORTA (ACORES)	3831N	02838W	62		1017.5	1024.8	21.0	-1	19.3	-9	5	33	-2	3	233	100
08535 LISBOA/GEOP	3843N	00909W	95		1006.9	1018.0	21.4	-1.0	14.3	-2.7						
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1005.6	1017.5	21.1	1.2	16.6	-8	3	16	0	4	314	102
08558 EVORA/C. COORD	3832N	00754W	246		987.5	1015.7	24.7		15.1		1	2			253	
08575 BRAGANCA	4148N	00644W	692		938.2	1016.2	22.3	1.2	10.8	-2.2	1	6	-11	2	375	104
GERMANY																
10035 SCHLESWIG	5432N	00933E	48		1007.3	1013.0	17.7	1.9	15.5	1.2	10	109	17	4	139	65
10055 WESTERMARKELSDORF	5432N	01104E	9		1011.9	1012.9	18.2		16.7		13	85			224	90
10091 ARKONA	5441N	01326E	42		1008.0	1012.9	17.8		16.3		8	60			277	105
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	15		1011.5	1013.3	18.3	1.5	15.5	1.0	16	174	92	6	182	88
10161 BOLTENHAGEN	5400N	01112E	17		1011.3	1013.3	17.7		15.8		13	105			186	80
10162 SCHWERIN	5339N	01123E	68		1005.0	1013.0	18.4		15.7		13	128		5	193	90
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1011.3	1012.7	18.3	1.5	16.4	1.3	13	87	16	4	229	98
10184 GREIFSWALD	5406N	01324E	6		1012.1	1012.8	18.4		16.0		12	99		5	258	105
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1013.2	1013.8	17.6		16.2		16	94			158	80
10261 SEEHAUSEN	5254N	01144E	23		1010.5	1013.2	18.4		15.6		13	94			187	90
10270 NEURUPPIN	5254N	01249E	39		1007.9	1013.2	18.6		16.2		15	184		6	196	85
10291 ANGERMUENDE	5302N	01400E	35		1006.8	1013.3	18.5		15.8		12	118			201	85
10338 HANNOVER	5228N	00941E	59		1007.0	1014.0	18.5	1.3	15.4	.7	13	64	2	3	189	88
10361 MAGDEBURG	5208N	01136E	85		1003.9	1013.9	18.8		15.2		12	56		4	204	90
10379 POTSDAM	5223N	01304E	100		1001.7	1013.4	18.7	.8	16.2	1.9	16	149	97	6	205	89
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1007.9	1013.6	19.4		16.1		11	142			195	85
10385 BERLIN-SCHOENEFELD	5223N	01331E	50		1007.4	1013.3	19.0		15.9		12	174			201	
10393 LINDENBERG	5213N	01407E	104		1001.5	1013.7	18.9	1.0	16.2	2.3	16	155	102	6	202	89
10410 ESSEN	5124N	00658E	161		996.0	1014.8	18.1	.7	15.3	.9	16	93	4	4	190	102
10453 BROCKEN	5148N	01037E	1153		885.1	1490 Y	11.7		11.4		15	131			166	95
10460 ARTERN	5123N	01118E	166		994.9	1014.2	19.1		14.6		11	81			207	100
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		998.3	1014.1	19.0		14.8		14	129		6	197	95
10474 WITTENBERG	5153N	01239E	106		1001.2	1013.6	19.2		15.5		12	128			193	90
10480 OSCHATZ	5118N	01306E	152		996.3	1014.1	18.9		15.2		16	102			210	95
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		987.2	1014.2	18.8		15.5		15	138			213	100
10496 COTTBUS	5147N	01419E	70		1005.4	1013.5	19.1		15.7		16	171			221	95
10499 GOERLITZ	5110N	01457E	240		985.6	1013.3	18.5	1.2	15.7	1.6	9	104	34	5	213	96
10548 MEININGEN	5034N	01023E	453		962.4	1014.6	17.4		13.5		13	67		3	205	95
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		977.0	1014.3	18.1		14.2		11	70			234	105
10557 NEUHAUS A.R.	5030N	01108E	268		918.2	1501 Y	14.8		12.5		16	100			198	
10567 GERA-LEUMNITZ	5053N	01208E	311		977.5	1013.6	18.2		14.4		17	103			220	100
10577 CHEMNITZ	5048N	01252E	420		965.8	1014.2	17.8		14.6		14	107			210	105
10578 FICHTELBERG	5026N	01257E	1215		879.2	1498 Y	12.3	1.1	11.7	1.0	17	168	56	5	178	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.
10609 TRIER-PETRISBERG	4945N	00640E	273		983.7	1015.3	19.0	1.4	15.8	1.7	12	111	41	5	209	93
10628 GEISENHEIM	4959N	00757E	123		1001.0	1015.3	20.2	1.6	15.1	.7	11	44	-13	2	220	98
10727 KARLSRUHE	4902N	00822E	145		998.7	1015.5	20.7	1.1	15.8	.7	10	88	18	4	238	98
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		970.4	1015.5	18.5		14.8		15	109		5	205	85
10763 NUERNBERG	4930N	01103E	318		978.2	1014.9	18.8	.5	14.3	.4	12	79	10	3	213	91
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		963.9	1015.1	18.4	1.1	15.2	1.5	15	102	2	4	219	94
10929 KONSTANZ	4741N	00911E	447		964.7	1016.0	18.9	.4	15.8	.7	13	80	-22	2	214	88
10946 KEMPTEN	4743N	01020E	705		935.9	1015.9	16.7		14.3		12	154			190	85
10961 ZUGSPITZE	4725N	01059E	2962		713.5	3118 Z	2.6	.4	6.5	.1	20	208	25	4	146	84
10962 HOHENPEISSENBERG	4748N	01101E	986		905.4	1519 Y	15.7	.7	13.2	.6	17	184	23	3	200	87
AUSTRIA																
11035 WIEN/HOHE WARTE	4814N	01621E	209		989.8	1013.8	20.7		16.3	1.5	12	64	1	2	233	95
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		947.9	1015.5	18.0		15.2		15	149		4	206	95
11146 SONNBLICK	4703N	01257E	3111		699.6	3106 Z	2.5		6.9	.5	18	213	-36	5	163	92
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		963.8	1015.8	18.7		15.1	.7	18	217	57	4	185	83
11155 FEUERKOGEL	4749N	01344E	1621		839.4	1515 Y	11.4		11.1		17	329		4	173	90
11212 VILLACHERALPE	4636N	01340E	2160		787.6	1523 Y	9.1		10.0		13	186		3	205	90
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		960.0	1014.4	19.3		16.3	1.5	17	182	66	5	228	90
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		972.5	1014.2	20.3		17.0	1.1	16	160	34	5	216	90
CZECH REPUBLIC																
11423 PRIMDA	4940N	01240E	748		930.1		16.5		13.8		17	89		4	226	100
11464 MILESOVKA	5033N	01356E	836		919.7		15.9		14.1		16	140		5	210	90
11487 KOCELOVICE	4928N	01350E	522		954.9	1014.6	17.7		14.9		18	120		5	220	90
11518 PRAHA/RUZYNE	5006N	01415E	380		972.4	1014.5	18.4	1.3	15.1	1.3	15	122	56	5	234	104
11520 PRAHA-LIBUS	5000N	01427E	303		979.2	1014.4	19.3		15.2		13	135		5	206	90
11603 LIBEREC	5046N	01501E	399		967.8	1014.0	18.0		15.5		13	134		5	205	110
11659 PRIBYSLAV	4935N	01546E	536		953.0	1014.6	16.4		14.0		15	198		6	216	100
11723 BRNO/TURANY	4910N	01642E	246		985.7	1014.2	18.9	.4	15.2	1.0	14	94	30	5	220	94
11782 OSTRAVA/MOSNOV	4941N	01807E	260		983.9	1013.9	19.3	1.5	16.7	2.1	12	95	4	3	228	105
SLOVAKIA																
11903 SLIAC	4839N	01909E	315		977.5	1013.8	19.3	1.2	15.0	.7	11	117	59	5	238	102
11934 POPRAD/TATRY	4904N	02015E	695		934.9		17.1	1.6	14.8	2.1	12	134	66	6	229	104
POLAND																
12120 LEBA	5445N	01732E	2		1012.2	1012.9	18.0		16.3		10	52		2	296	
12160 ELBLAG	5410N	01926E	43		1008.0	1013.1	19.4		15.6		11	69		2	273	130
12205 SZCZECIN	5324N	01437E	3		1012.3	1013.1	19.0	1.3	15.9	.9	11	61	0	3	230	110
12295 BIALYSTOK	5306N	02310E	151		995.9	1013.7	18.7	1.4	14.3	-6	10	60	-20	2	299	130
12330 POZNAN	5225N	01650E	92		1003.1	1013.4	20.1	2.1	14.5	.4	12	77	8	3	247	113
12375 WARSZAWA-OKECIE	5210N	02058E	107		1000.9	1013.3	20.5	2.5	14.3	-5	11	84	15	3	376	165

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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.
12424 WROCLAW II	5106N	01653E	121		999.2	1013.9	19.5	1.8	15.0	.1	11	105	21	4	251	122
12497 WLODAWA	5133N	02332E	179		992.5	1013.5	20.0		14.8		6	80		3	311	125
12566 KRAKOW	5005N	01948E	237		986.1	1013.8	19.7	2.2	16.3	1.4	11	113	28	5	220	108
HUNGARY																
12843 BUDAPEST/LORINC	4726N	01911E	139		997.9	1014.1	21.5	.7	16.7	1.6	11	108	56	5	278	101
12882 DEBRECEN	4729N	02136E	109		1001.0	1013.6	21.0	.7	17.8	1.7	9	83	18	4	266	94
12942 PECS/POGANY	4606N	01814E	203		990.3	1014.0	20.8	.3	17.2	1.7	10	127	66	5	268	91
12982 SZEGED	4615N	02006E	83		1003.7	1013.4	21.2	.4	17.3	1.3	4	98	48	5	285	99
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		754.2	3125 Z	7.0		7.8		17	241		4	174	90
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		980.2	1014.3	21.1		17.1		14	142		4	251	95
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		994.8	1013.5	21.8		17.7		11	164		5	254	95
14445 SPLIT/MARJAN	4331N	01626E	128		997.5	1012.0	26.5		18.0		3	20		3	374	105
BOSNIA AND HERZEGOVINA																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		942.8	1014.4	19.7	.8	15.6	1.7	2	0110	0030	1	238	93
YUGOSLAVIA																
13274 BEOGRAD	4448N	02028E	132		998.2	1013.4	22.6	.9	18.2	2.0	10	91	25	5	263	93
13463 PODGORICA-GRAD	4226N	01917E	50		1007.0	1012.8	27.6		16.7		6	26		2	333	95
ROMANIA																
15085 BISTRITA	4708N	02430E	367		971.3	1013.7	19.4	1.1	16.3	.6	13	167	80	5	256	99
15090 IASI	4710N	02738E	104		1001.4	1013.5	21.8	1.3	17.3	.3	7	66	-17	3	266	98
15120 CLUJ-NAPOCA	4647N	02334E	413		966.4	1013.9	19.3	1.1	16.3	.9	13	127	46	5	262	96
15247 TIMISOARA	4546N	02115E	88		1002.8	1012.7	22.1	1.0	16.8	.2	7	45	-19	2	290	97
15260 SIBIU	4548N	02409E	444		962.5	1013.7	18.9	.2	16.0	-.1	10	108	22	4	230	94
15360 SULINA	4509N	02940E	9		1011.5	1012.2	23.7	1.7	23.7	2.6		2	-24	1	308	100
15420 BUCURESTI/IMH	4430N	02608E	91		1002.3	1012.8	21.6	-.4	18.0	.3	10	126	62	5	283	98
15480 CONSTANTA	4413N	02838E	14		1012.0	1013.5	23.4	1.4	23.1	3.3	7	84	54	6	305	96
BULGARIA																
15552 VARNA	4312N	02755E	43		1007.4	1012.3	23.3	1.3	22.2	3.0	8	64	27	5	279	99
15614 SOFIA (OBSERV.)	4239N	02323E	595		945.8	1012.6	20.4	.6	17.1	2.7	11	169	113	5	255	89
ITALY																

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
16045 UDINE/RIVOLTO	4559N	01302E	53		994.0		24.0		20.8		7	37	-42	1	246	102
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1005.5	1013.3	24.9		23.4		6	117	56	5	311	105
16110 TRIESTE	4539N	01345E	20		1012.6	1013.0	24.8		19.0		6	57	-14	3	302	105
16158 PISA/S. GIUSTO	4341N	01023E	6		1013.3	1014.0	24.4		19.0		2	11	-13	3	316	100
16325 MARINA DI GINOSA	4026N	01653E	12		1010.1	1011.5	26.6		25.0		1	23	8	4		
16420 MESSINA	3812N	01533E	51		1007.3	1013.4	27.7		27.1		1	3	-16	2	327	99
16429 TRAPANI/BIRGI	3755N	01230E	14		1013.6	1014.6	26.6		24.9		2	15	13	5	342	99
MALTA																
16597 LUQA	3551N	01429E	91		1006.1	1014.4	26.7	.8	20.4	-1.6	0	T	-1	4	363	95
GREECE																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1011.6	1012.1	27.3	.8	20.4	2.1	3	93	68	6	309	95
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1010.8	1011.2	27.6	1.2	21.1	1.4	0	T	-7	2	323	89
16648 LARISSA (AIRPORT)	3938N	02225E	74		1002.8	1011.2	28.4	1.3	17.7	1.7	2	11	-9	3	347	103
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1008.9	1010.6	28.7	.9	20.4	2.5	2	38	33	5	373	103
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1009.7	1011.0	27.0	.5	20.7	1.1	00	0	-3	2	377	106
16746 SOUDA (AIRPORT)	3529N	02407E	151		993.4	1010.6	27.9	1.5	18.8	1.6	1	2	1	5	387	103
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1005.9	1010.3	27.1	1.0	21.0	1.5	00	0	-1	5	390	105
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		995.6	1011.4	22.8	1.3	21.9	3.4	4	70	-10	3	333	100
17030 SAMSUN	4117N	03618E	4		1010.5	1011.0	24.2	1.5	23.8	3.3	2	6	-22	1	302	120
17034 GIRE SUN	4055N	03823E	37		1007.0	1011.4	23.9	1.5	22.4	1.4	4	13	-62	1		
17040 RIZE	4102N	04031E	9		1009.4	1010.4	24.5	2.3	23.8	2.6	7	43	-92	0	200	150
17050 EDIRNE	4140N	02634E	51		1006.3	1012.2	24.5	.3	19.6	3.2	9	107	81	6	326	95
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1006.8	1010.6	24.3	1.1	20.3	.6	2	40	21	5	338	100
17074 KASTAMONU	4122N	03347E	800		921.4	1009.6	21.8	2.1	14.4	1.0	3	27	-6	4	314	95
17084 CORUM	4033N	03457E	776		923.3	1008.4	23.2	2.6	17.8	4.9	3	12	-7	3	330	105
17090 SIVAS	3945N	03701E	1285		869.7	1006.3	22.1	2.4	13.9	2.3	2	10	1	4	372	100
17092 ERZINCAN	3945N	03930E	1218		874.3	1002.2	26.3	2.7	16.8	4.1	2	9	-1	4	341	90
17096 ERZURUM	3957N	04110E	1758		822.4	1003.9	20.2	.7	12.8	1.3	3	20	-7	3	360	100
17098 KARS	4037N	04306E	1775		820.8	1005.0	18.6	1.3	14.0	1.2	7	70	21	5	358	110
17112 CANAKKALE	4008N	02624E	6		1011.6	1012.3	25.5	1.0	23.9	4.1	1	33	16	5	355	90
17116 BURSA	4011N	02904E	100		999.1	1010.6	24.9	.8	19.3	1.8	3	55	39	5	332	95
17130 ANKARA/CENTRAL	3957N	03253E	891		910.8	1007.0	25.0	2.1	15.6	3.7	2	12	-1	3	363	95
17170 VAN	3827N	04319E	1662		829.4	1000.0	24.1	2.2	15.6	3.9	1	1	-3	2	384	100
17188 USAK	3841N	02924E	919		908.0	1007.6	24.0	.9	16.9	2.3	4	63	46	5		
17190 AFYON	3845N	03032E	1034		896.2	1007.4	23.7	2.0	15.6	3.4	2	14	-2	3	333	90
17199 MALATYA/BOLGE	3821N	03819E	948		901.8	1002.1	29.1		11.2						384	95
17210 SIIRT	3755N	04157E	896		904.9	999.1	31.8	1.4	13.2	2.4					385	95
17220 IZMIR/GUZELYALT	3826N	02710E	29		1004.9	1008.2	28.8	1.3	22.4	3.8					368	95
17240 ISPARTA	3745N	03033E	997		899.5	1006.6	24.8	1.6	15.4	3.1	3	30	19	5	364	100
17244 KONYA	3758N	03233E	1031		895.7	1005.8	25.3	2.0	15.4	3.3	1	12	5	4	325	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.	
17250 NIGDE	3758N	03441E	1210		877.2	1005.1	25.0	3.0	11.9	.7						386	100
17255 KAHRAMANMARAS	3736N	03656E	572		940.8	1002.9	28.6	.7	23.2	5.4						327	100
17270 SANLIURFA	3708N	03846E	549		941.2	999.7	33.0	1.5	15.7	3.2						376	95
17280 DIYARBAKIR	3753N	04012E	677		927.0	998.6	32.4	1.3								376	95
17285 HAKKARI	3734N	04346E	1728		825.2	1001.6	26.4	1.7	11.0	.1	2	12	9	5		397	100
17292 MUGLA	3713N	02822E	646		936.5	1007.0	26.8	.9	17.0	3.2	2	3	-6	3		298	80
17300 ANTALYA	3642N	03044E	54		999.1	1004.9	28.4	.3	24.5	3.3	2	34	29	5		362	95
17340 MERSIN	3648N	03438E	3		1005.8	1006.2	28.8	1.4	30.0	1.9						314	100
17351 ADANA/BOLGE	3659N	03521E	27		1002.4	1005.4	28.7		31.4		1	8		4		300	85
CYPRUS																	
17609 LARNACA AIRPORT	3453N	03338E	2		1006.1	1006.4	27.6	1.0	25.2		0	T	T			407	105
RUSSIAN FEDERATION (EUROPE)																	
22113 MURMANSK	6858N	03303E	51		1006.7	1012.8	13.3	.7	11.3	.7	12	70	9	4		297	126
22165 KANIN NOS	6839N	04318E	49		1007.1	1013.1	8.7	-.3	10.8	.8	5	23	-12	2		153	67
22550 ARHANGEL'SK	6430N	04044E	8		1011.7	1012.7	16.9	1.2	13.9	.6	4	27	-34	1		383	127
22837 VYTEGRA	6101N	03627E	56		1005.5	1012.1	18.1	1.5	14.7	.6	11	73	5	4		382	132
26063 ST. PETERBURG	5958N	03018E	6		1011.8	1012.5	20.1	2.4	16.2	1.7	11	127	50	5		325	122
LATVIA																	
26346 ALUKSNE	5726N	02702E	193		989.6	1012.8	18.1		14.2		10	67				311	115
LITHUANIA																	
26509 KLAJPEDA	5544N	02104E	7		1012.0	1012.9	19.3	2.7	16.9	1.8	9	93	19	4		324	118
26524 SIAULIAI	5556N	02319E	107		1000.3	1012.9	18.9	2.2	14.9	.7	7	25	-49	1		333	128
LATVIA																	
26544 DAUGAVPILS	5552N	02637E	122		998.6	1013.1	18.1	1.2	14.9	.9	8	54	-29			326	128
LITHUANIA																	
26629 KAUNAS	5453N	02350E	77		1004.3	1013.4	19.0	2.1	15.6	.8	7	45	-35	2		355	139
26730 VILNIUS	5438N	02506E	156		995.0	1013.2	19.1	2.2	14.2	.2	9	69	-9	3		319	146
BELARUS																	
26850 MINSK	5356N	02738E	231		987.5	1013.2	19.6	2.3	14.8	.8	8	48	-40	1		298	116
RUSSIAN FEDERATION (EUROPE)																	
27037 VOLOGDA	5919N	03955E	130		996.7	1011.9	17.7	.7	15.6	.8	10	85	8	3		329	121
27595 KAZAN'	5536N	04917E	116		997.0	1010.9	19.1	-.5	16.3	.9	13	67	-1	3		276	95

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.
27612 MOSKVA	5550N	03737E	156		994.4	1012.6	19.3	1.1	16.8	1.9	9	87	-6			
UKRAINE																
33275 SUMY	5051N	03440E	181		992.4	1013.6	19.9	.8	16.5		6	68	-9	3		
33301 RIVNE	5035N	02608E	231		986.9	1013.7	19.7	2.0	16.2		9	68	-16	2		
33345 KYIV	5024N	03034E	167		994.5	1013.8	21.4	2.1	15.7	.2	4	29	-59	1		
33377 LUBNY	5000N	03301E	158		995.2	1013.5	20.6	.9	16.2		8	52	-23	2		
33393 L'VIV	4949N	02357E	323		977.0	1014.1	19.3	2.0	16.2	1.5	11	87	-15	2	249	98
33415 TERNOPIL'	4932N	02540E	329		976.3	1014.2	19.5	2.2	15.8		8	55	-37	1		
33429 KHMEL'NYTS'KYI	4926N	02659E	350		973.8	1013.9	19.7	1.7	16.1		13	103	-4	3		
33506 POLTAVA	4936N	03433E	160		994.8	1013.4	20.5	.4	17.0	1.9	9	68	-3	3	304	101
33526 IVANO-FRANKIVS'K	4858N	02424E	280		981.4	1013.7	19.8	1.9	15.4		10	79	-24	2		
33562 VINNYTSIA	4914N	02836E	298		979.4	1013.5	20.3	2.1	14.7	-4	8	35	-58	1	305	114
33587 UMAN'	4846N	03014E	216		989.0	1013.9	20.4	1.5	16.4	.8	6	56	-31	2		
33631 UZHGOROD	4838N	02216E	124		1000.1	1013.7	21.1	1.2	17.5	2.2	10	80	-5	3	257	94
33658 CHERNIVTSI	4822N	02554E	246		984.5	1013.7	20.7	2.0	16.3	1.0	9	41	-62	1	251	102
33711 KIROVOHRAD	4831N	03212E	171		993.6	1013.4	20.6	.6	16.4		5	73	1	3		
33777 VOZNESENS'K	4734N	03120E	34		1009.1	1013.0	23.0		17.5		7	42		4		
33791 KRYVYI RIH	4802N	03313E	124		998.4	1012.8	21.9	.8	16.3		4	29	-25	2	289	95
REPUBLIC OF MOLDOVA																
33815 KISINEV	4701N	02859E	173		992.3	1012.8	22.7	1.8	16.5	1.0	5	18	-51	1	300	100
UKRAINE																
33837 ODESA	4626N	03046E	42		1007.9	1012.8	23.1	1.6	18.6	1.6	3	36	-13	3	304	97
33889 IZMAIL	4522N	02851E	30		1009.0	1012.5	23.1	1.3	17.7	.9	7	53	2	4	283	90
33902 KHERSON	4638N	03234E	54		1005.6	1011.9	23.3	1.4	17.5		4	35	-14	3	279	85
33915 ASKANIIA-NOVA	4627N	03353E	30		1008.9	1012.4	22.6	.3	18.1	2.9	5	131	89	6	281	89
33946 SIMFEROPOL'	4441N	03408E	181		991.3	1012.0	22.7	1.3	17.0	1.3	2	16	-39	1	325	95
33998 AI-PETRI	4426N	03405E	1180		882.6		16.3	1.2	12.8		2	7	-48	1	312	90
RUSSIAN FEDERATION (EUROPE)																
34123 VORONEZ	5142N	03913E	149		995.4	1012.7	20.0		16.2		6	32		1		
UKRAINE																
34300 KHARKIV	4958N	03608E	155		995.3	1013.2	20.7	.4	16.3	1.1	9	91	31	5	286	105
KAZAKHSTAN																
34398 ZHALPAKTAL	4940N	04929E	10		1008.6	1009.8	24.6	.5	14.0	.4	2	10	-12		373	117
UKRAINE																

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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.
34415 IZIUM	4911N	03718E	78		1003.6	1012.7	20.6		17.1		7	62		3		
34504 DNIPROPETROVS'K	4836N	03458E	143		996.1	1013.0	21.5	.3	17.5		5	55	-1	3	281	85
34519 DONETS'K	4804N	03746E	225		986.5	1012.5	20.7	-.1	15.3		5	109	61	5		
34523 LUHANS'K	4834N	03915E	62		1005.1	1012.3	21.2	-.5	17.5		7	95	44	5	290	95
KAZAKHSTAN																
34691 NOVYJ USTOGAN	4754N	04848E	-10		1011.1	1010.0	26.0		12.8		1	5				
UKRAINE																
34712 MARIUPOL'	4702N	03730E	70		1003.9	1011.9	22.1		17.8		7	103		5		
AZERBAIJAN																
37661 SHAKI	4113N	04710E	641		939.2	1010.3	26.1	2.1	23.5		1	2	-59			
37735 GYANCA	4043N	04625E	311		974.0	1008.7	27.3	1.9	19.7	1.8	2	5	-18		302	
ARMENIA																
37789 YEREVAN	4008N	04428E	907		885.8	1475 Y	26.9	.9	16.5	2.2	2	7	-3	2	349	102
AZERBAIJAN																
37860 MASHTAGA	4032N	05000E	28		1007.4	1010.7	26.8	2.8	25.3	4.5					353	114
37989 ASTARA	3827N	04853E	-22		1013.2	1010.7	26.6	2.4	19.4	-1.6	1	14	-20		263	93
SYRIAN ARAB REPUBLIC																
40001 KAMISHLI	3703N	04113E	455		950.0	998.7	33.9	1.7	13.3	3.3						
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		960.3	1002.5	29.4	1.1	15.0	-1.0	00	0	-1	0		
40022 LATTAKIA	3532N	03546E	7		1004.5	1005.3	27.0	.7	27.0	1.3					302	93
40030 HAMA	3507N	03645E	303		971.7	1002.1	29.1	.9	16.7	3.0						
40045 DEIR EZZOR	3519N	04009E	212		979.2	1002.3	33.8	1.2	14.4	3.2						
40061 PALMYRA	3433N	03818E	404		958.1	1002.2	30.5	1.1	15.5	2.4					401	105
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		937.6	1003.9	27.8	1.5	15.4	2.2	0	0	0	0	367	101
ISRAEL																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1004.2	1008.2	26.8		22.0		0	0		5		
40199 EILAT	2933N	03457E	12		1005.8	1006.1	33.7	1.3	13.7		0	0		5	314	80
JORDAN																
40250 H-4 'IRWAISHED'	3230N	03812E	688		928.9	1002.3	30.0		16.5		0	0		0	365	90
40310 MA'AN	3010N	03547E	1070		890.7	1480 Y	26.4	.9	11.2	-4	0	0	0	0	355	92
ASIA																

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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.
RUSSIAN FEDERATION (IN ASIA)																
20069 OSTROV VIZE	7930N	07659E	10		1008.2	1009.5	.4	-.1	5.8	-.2	6	13	-11	2	65	52
20292 GMO IM.E.K. FEDOROVA	7743N	10418E	15		1009.2	1010.3	1.8	.5	6.4	.1	6	13	-17	1	138	86
20674 OSTROV DIKSON	7330N	08024E	47		1005.3	1011.0	5.1	.7	7.6	-.1	10	45	7		155	69
20891 HATANGA	7159N	10228E	33		1004.6	1008.5	12.4	-.1	10.4	.6	7	38	6	3	312	101
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1009.1	1010.9	5.3	2.8	7.8	1.0	4	11	-20		238	142
21946 CHOKURDAH	7037N	14753E	61		1001.1	1008.5	12.2	2.7	10.7	1.6	5	22	-15		305	115
23205 NAR'JAN-MAR	6738N	05302E	12		1010.2	1011.6	13.8	.5	13.0	1.8	9	73	25	5	249	94
23330 SALEHARD	6632N	06640E	16		1008.1	1010.1	16.0	1.6	13.9	1.9	9	69	0		295	96
23472 TURUHANSK	6547N	08756E	38		1003.7	1008.2	18.3	1.7	13.5	.8	4	31	-30	1	435	136
23552 TARKO-SALE	6455N	07749E	27		1005.8	1009.0	19.0	2.7	14.1	1.4	4	39	-24	0	356	121
23724 NJAKSIMVOL'	6226N	06052E	51		1004.1	1010.1	18.4	1.4	15.2	1.6	7	75	-1		306	105
23884 BOR	6136N	09001E	58		999.9	1006.6	20.5	2.4	17.3	3.5	7	65	-1	5	329	110
23933 HANTY-MANSIJSK	6101N	06902E	46		1004.5	1009.3	19.6	1.5	15.7	.9	8	49	-32		353	116
24125 OLENEK	6830N	11226E	220		981.2	1006.9	15.8	.9	11.1	.9	7	57	7		331	99
24143 DZARDZAN	6844N	12400E	39		1001.5	1006.0	16.8	2.2	12.3	1.1	6	33	-7			
24266 VERHOJANSK	6733N	13323E	137		990.1	1006.2	16.6	1.4	12.3	2.1	9	115	79		337	103
24507 TURA	6416N	10014E	168		986.2	1007.8	18.2	1.7	12.6	.8	6	35	-27	2		
24641 VILJUSK	6346N	12137E	111		993.2	1006.1	19.1	1.0	12.1	1.2	10	51	5		306	89
24688 OJMJAKON	6315N	14309E	741		922.3	1006.2	14.4	.6	11.6	2.1	11	38	-12		248	83
24738 SUNTAR	6209N	11739E	133		989.9	1006.0	18.4	.9	15.0	3.0	10	83	32		281	87
24817 ERBOGACEN	6116N	10801E	291		973.5	1006.9	18.3	1.3	14.3	1.9	10	69	24		279	89
24959 JAKUTSK	6201N	12943E	101		993.5	1005.3	18.8	.1	14.0	1.5	12	69	30		312	90
25173 MYS SHMIDTA	6854N	17922W	4		1010.9	1011.3	5.8	1.5	7.9	.7	4	16	-20			
25248 ILIRNEJ	6715N	16758E	353		967.7	1009.4	13.2	1.1	9.7	.2	8	27	-19			
25325 UST'-OLOJ	6633N	15925E	127		993.2	1008.2	15.3	2.3	10.6	.5	8	29	-22		299	
25399 MYS UELEN	6610N	16950W	3		1009.9	1010.6	6.7	.4	8.6	.1	10	69	29		229	108
25400 ZYRJANKA	6544N	15054E	43		1001.6	1006.7	17.0	1.7	14.4	2.9	13	95	48		282	93
25563 ANADYR'	6447N	17734E	61		1003.0	1010.3	12.6	2.0	11.3	1.0	5	17	-22		293	114
25744 KAMENSKOE	6226N	16605E	10		1008.6	1011.6	14.8	1.7	12.6	1.2	7	35	-19		247	104
25954 KORF	6021N	16600E	4		1012.1	1012.5	13.1	1.3	12.2	.9	10	74	18	4	234	124
28224 PERM'	5801N	05618E	171		990.6	1010.5	18.7		14.9		4	28			311	
28275 TOBOL'SK	5809N	06815E	50		1003.6	1009.4	18.6	-.1	15.6	.2	9	58	-15	2	302	101
KAZAKHSTAN																
28679 PETROPAVLOVSK	5450N	06909E	142		991.7	1008.2	19.2	-.6	16.3	1.2	7	55	-3	3	255	83
RUSSIAN FEDERATION (IN ASIA)																
28698 OMSK	5501N	07323E	122		992.0	1007.1	19.6	-.1	17.1	2.4	12	60	-1		303	94
KAZAKHSTAN																

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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.
28766 BLACOVESCHENSKA	5422N	06658E	151		991.1	1008.6	19.3		15.8		8	95		5		
28879 KOKSHETAY	5317N	06923E	229		981.5	1007.9	19.9	-.3	16.2	1.9	8	79	11	4	339	108
28952 KUSTANAI	5313N	06337E	156		992.0	1009.5	20.3	-.7	17.4	2.9	7	40	-17		365	114
28966 RUZAEVKA	5249N	06658E	227		982.1	1008.3	19.8		15.2		8	115				
RUSSIAN FEDERATION (IN ASIA)																
29231 KOLPASEVO	5819N	08257E	75		997.6	1006.4	19.2	.8	17.9	2.8	16	203	136		240	77
29263 ENISEJSK	5827N	09209E	79		997.5	1006.7	20.8	2.3	18.4	3.6	8	49	-9	2	315	102
29282 BOGUCANY	5823N	09727E	133		991.1	1006.5	21.1	2.5	17.2	3.1	9	75	24	5	323	111
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		975.2	1006.9	20.9		18.2		8	72		2		
KAZAKHSTAN																
29807 IRTYSHSK	5321N	07527E	94		995.7	1006.5	21.2	.2	13.9	-8	6	32	-18			
RUSSIAN FEDERATION (IN ASIA)																
29866 MINUSINSK	5342N	09142E	254		977.3	1006.2	22.4	2.8	16.7	1.9	12	72	7	4	319	128
30230 KIRENSK	5746N	10804E	259		976.9	1006.8	20.1	2.4	16.5	2.1	7	42	-27		331	125
30309 BRATSK	5617N	10145E	416		959.5	1006.7	20.3	2.8	17.3	3.1	7	28	-34		348	130
30554 BAGDARIN	5428N	11335E	903		905.7	1006.0	16.5	1.6	12.4	.6	8	112	6	4		
30673 MOGOCA	5345N	11944E	625		934.4	1004.7	18.1	1.5	15.1	1.4	8	118	8	4	266	116
30710 IRKUTSK	5216N	10419E	469		953.6	1006.6	20.2	2.7	16.1	1.3	13	96	-24		318	131
30758 CHITA	5205N	11329E	671		926.9	1005.0	19.2	1.4	15.3	1.5	11	130	27	4	272	110
31004 ALDAN	5837N	12522E	79			1005.7	16.6	.4	14.4	2.3	13	166	79		243	88
31088 OHOTSK	5922N	14312E	6		1008.5	1009.2	11.6	-.4	12.7	.2	12	146	71	5	77	43
31168 AJAN	5627N	13809E	8		1007.4	1008.4	12.2	.4	12.7	.7	9	166	19		157	103
31253 BOMNAK	5443N	12856E	357		964.2	1005.7	19.4	1.7	15.0	.2	5	28	-102		353	148
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1000.0	1007.8	16.2	-.4	15.3	.1	4	23	-49			
31416 IM POLINY OSIPENKO	5225N	13630E	73		998.8	1007.3	18.5	.6	16.1	.6	10	54	-33		244	103
31960 VLADIVOSTOK	4307N	13154E	183		985.1	1007.0	17.0	-.3	17.6	-1.1	21	403	285		70	57
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1006.3	1009.1	15.8	.4	15.5	.2	5	19	-68		136	82
32618 NIKOL'SKOE	5512N	16559E	18		1010.7	1013.1	9.8	1.1	11.2	.7	5	32	-14	2	100	119
KAZAKHSTAN																
35067 ESIL'	5153N	06620E	221		983.0	1008.4	21.1		14.4		8	49		4		
35078 ATBASAR	5149N	06822E	304		973.3	1008.1	20.3	-.2	14.8	1.6	6	42	-4	3	336	104
35108 URALSK	5115N	05117E	37				22.1	-.4	16.6	1.9	9	84	47	5	320	99
35188 AKMOLA	5108N	07122E	350		967.7	1007.4	21.4	.1	14.5	1.5	8	52	3	3	305	91
35217 DZHAMBETJY	5015N	05234E	32		1005.8	1009.5	23.7		14.3		6	60				
35229 AKTJUBINSK	5017N	05709E	219		983.0	1007.9	23.9	1.5	13.8	.5	3	13	-16	2	355	107
35376 BERLIK	4953N	06931E	349		967.1	1005.6	22.5		13.0		1	23			105	
35394 KARAGANDA	4948N	07309E	553		944.7	1006.5	21.6	.8	12.3	.3	10	102	62		319	97
35406 TAIPAK	4903N	05152E	2		1008.7	1008.9	25.9	.7	12.9	-.2	4	23	8	0	392	117
35416 UIL	4904N	05441E	128		997.5		25.4	.5	12.8	.5	3	68	49	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.
35426 TEMIR	4909N	05707E	234		981.8	1008.3	24.8		12.8		3	9		1		
35746 ARALSKOE MORE	4647N	06139E	62		1000.0	1007.2	29.4	2.3	11.1	-2.0	1	1	-8	2	355	94
35796 BALHASH	4648N	07505E	350		966.0	1005.1	25.7	1.4	14.6	.1	0	T	-18		391	104
35849 KAZALINSK	4546N	06207E	68		999.9	1007.6	28.1	1.2	13.9	-2	0	T	-005	0		
35925 SAM	4524N	05607E	88		998.3	1008.3	29.3	1.7	13.7	.6	1	12	2			
35953 DZHUSALY	4530N	06405E	103		994.6	1005.9	31.1		11.8		0	T		1		
36003 PAVLODAR	5218N	07656E	122		992.0	1006.1	22.0		16.7		5	29		3		
36177 SEMIPALATINSK	5025N	08018E	196		983.8	1006.1	23.0	1.3	16.2	2.1	7	82	46	5		
36208 LENINOGORSK	5020N	08333E	811		919.9	1007.2	17.7	.4	15.0	-1.7	9	67	-14	2		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		961.2	1006.7	22.1		15.5		8	34			379	115
36535 KOKPEKTY	4845N	08222E	512				22.1	1.8	12.0	-7	5	24	-9			
36859 ZHARKENT	4410N	08004E	645		933.9	1004.3	26.0	1.8	14.1	.0	5	14	-8			
36870 ALMATY	4314N	07656E	851		912.5	1003.9	26.4	2.8	12.1	-1.0	2	17	-14	1	287	94
38062 KYZYLORDA	4451N	06530E	130		991.9	1006.2	29.7	2.2	11.3	-1.3	1	4	0	4		
38069 CILI	4410N	06645E	153		988.5	1005.5	28.2		12.7		0	0				
38198 TURKESTAN	4316N	06813E	207		981.2	1004.4	30.3	1.7	11.4	.4	0	T	-3			
UZBEKISTAN																
38262 CHIMBAJ	4257N	05949E	66		1000.6	1008.1	29.1	1.8	16.3	.0	1	2	-1	3	393	105
KAZAKHSTAN																
38328 SHYMKENT	4219N	06942E	604		937.7	1003.3	27.8		11.4		0	T		2	394	
38334 AUL TYRARA RYSKULOVA	4229N	07018E	808		916.4	1003.5	26.8		10.7		2	3		2		
38341 ZHAMBYL	4251N	07123E	651		933.1	1004.1	26.9		11.7		0	T		1	416	
38343 KOULAN	4257N	07245E	683		929.5	1003.9	26.8		10.8							
UZBEKISTAN																
38396 URGENCH	4134N	06034E	101		995.8	1007.1	29.2		15.7		0	T		0		
38403 BUZAUBAJ	4145N	06228E	98		996.5	1006.3	32.8		18.3		2	10		5		
38413 TAMDY	4144N	06437E	237		980.1	1006.3	32.0	1.1	10.1	-1.0	0	T	-3	0	400	104
KAZAKHSTAN																
38439 CARDARA	4122N	06800E	275		973.4	1003.8	30.2		14.1							
UZBEKISTAN																
38457 TASHKENT	4116N	06916E	488		949.8	1003.3	28.7	1.1	12.9	-8	0	T	-4	0	408	107
TURKMENISTAN																
38507 TURKMENBASHI	4003N	05300E	-13			1008.2	29.3	1.6	16.2	-8	0	0	-3		369	107
38545 DARGANATA	4028N	06217E	142			1005.4	28.9		15.4		1	1				
UZBEKISTAN																

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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.
38611 NAMANGAN	4059N	07135E	474		953.2	1005.4	29.0		15.6		2	3		4	376	105
38618 FERGANA	4022N	07145E	577		939.0	1004.8	28.2	1.2	17.2	1.3	0	0	-5	0	346	96
38683 BUHARA	3943N	06437E	226		978.4	1003.5	30.0		10.1		0	T		0		
TURKMENISTAN																
38687 CHARDZHEV	3905N	06336E	190		983.5	1005.0	29.2	-3	15.3	1.5	1	1	0			
UZBEKISTAN																
38696 SAMARKAND	3934N	06657E	724		924.7	1003.0	27.5	1.3	13.6	.2	0	T	-4	0	360	91
38812 KARSHI	3848N	06543E	376		960.8	1001.7	31.0		14.3		0	0		0		
38927 TERMEZ	3714N	06716E	310		966.9	1001.0	31.1	1.3	13.1	-2.1	0	T	T	0	403	105
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	852		911.8	1468 Y	30.0		9.9		0	0			389	
40357 ARAR	3054N	04108E	549		942.6	1001.2	34.5		10.0							
40360 GURIAT	3124N	03716E	504		949.4	1004.4	29.5		11.8		0	0				
40361 AL-JOUF	2947N	04006E	689		931.1	1002.5	32.5		8.5		0	0				
40362 RAFHA	2937N	04329E	444		952.3	1000.3	34.7		13.4		0	0			358	
40373 AL QAYSUMAH	2819N	04607E	360		960.0	998.3	37.2		7.6		0	0				
40375 TABUK	2822N	03636E	768		922.1		31.9		10.7		0	0			378	
40377 HAFR AL-BATIN	2754N	04532E	414		955.9	1000.1	36.4		7.1		0	0				
40394 HAIL	2726N	04141E	1013		897.0	1481 Y	33.2		8.7		0	0			334	
40400 WEJH	2612N	03628E	21		1002.1	1004.8	29.7				0	0			347	
40405 GASSIM	2618N	04346E	650		932.3	1000.6	35.8		7.9		0	0				
40410 KHAYBER	2540N	03918E	754		922.9	1006.2	38.0		1.2		0	0				
40416 DHAHRAN	2616N	05009E	17		995.2	997.1	35.6	.4	12.1	-2.6	0	0	0			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		996.5	997.9	36.5		15.0		0	0				
40420 AL AHSA	2518N	04929E	178		979.0	998.2	38.0		15.3		0	0				
40430 MADINAH	2433N	03942E	636		933.8	1000.8	36.7	.7	10.3	4.7	1	5	4		303	
40435 DAWADMI	2430N	04421E	991		903.9	999.7	36.9		4.2		0	0				
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		934.7	999.6	36.6		7.2		0	0			319	
40438 RIYADH	2443N	04644E	620		934.6	999.6	37.1	2.1	7.3	.9					311	
40439 YENBO	2409N	03804E	10		1002.7	1003.8	32.6				0	0				
IRAN, ISLAMIC REPUBLIC OF																
40706 TABRIZ	3805N	04617E	1361		860.4	1001.7	28.6	2.6	12.0	1.3					356	101
40712 ORUMIEH	3732N	04505E	1312		863.4	1000.8	26.3	2.5	15.1	1.6					366	101
40718 ANZALI	3728N	04928E	-23		1012.0	1009.0	27.3	1.3	27.5	2.0	2	4	-42		300	120
40745 MASHHAD	3616N	05938E	989		898.4	1004.2	29.1	2.4	10.4	-9					385	107
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		875.8	998.1	32.4	1.6	14.4	4.4						
40766 KERMANSHAH	3416N	04707E	1322		863.1	998.7	29.9	1.7	8.4	.5					352	101
40800 ESFAHAN	3238N	05143E	1550		839.4	995.7	31.7	2.3	10.0	1.1					352	101
40831 ABADAN	3022N	04815E	11		997.4	998.2	38.0	1.2	16.3	.9					315	103

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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.
40841 KERMAN	3015N	05658E	1754		820.7	995.9	27.9	-1.0	6.9	.1					354	108
40848 SHIRAZ	2932N	05235E	1491		845.4	995.8	31.2	1.4	12.0	2.8	1	4	3		347	101
SAUDI ARABIA																
41024 JEDDAH (KING ABDUL AZIZ INT.)	2142N	03911E	17		1002.7	1004.6	33.0	.6	26.2	1.3	0	0	-1		307	
41030 MAKKAH	2126N	03946E	240		976.9	1003.0	35.4		17.4		00	0				
41036 TAIF	2129N	04033E	1454		853.0	1477 Y	28.9	.4	9.4	1.9	1	5	2		326	
41055 AL BAHA	2018N	04138E	1662		833.6	1473 Y	28.8		10.4		3	148			271	
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		932.9	998.3	36.6		10.2						326	
41084 BISHA	1959N	04237E	1163		880.3	1470 Y	32.5		7.9		1	20			302	
41112 ABHA	1814N	04239E	2093		792.3	1476 Y	23.3		11.7		8	26			241	
41114 KHAMIS MUSHAIT	1818N	04248E	2056		796.2	1475 Y	24.6		14.3		3	14			237	
41128 NAJRAN	1737N	04425E	1210		944.2	1464 Y	32.8		13.4		00	T			244	
41136 SHARURAH	1728N	04707E	725		922.2	998.1	35.6		23.3		1	4			292	
41140 GIZAN	1654N	04235E	7		1002.3	1003.1	33.8		32.2			6				
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		997.8	998.0	34.4	.3	30.4	-1.4	00	0	0	5	308	93
UNITED ARAB EMIRATES																
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		999.7	1002.5	35.2	.9	28.8	.6	0	0	-T	4	346	105
OMAN																
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8		997.0	998.0	33.4		31.8		0	0		5	241	
41268 SUR	2232N	05929E	14		996.9	998.5	33.4		22.4		0	0		5	316	
41314 THUMRAIT	1740N	05402E	467		950.3	1003.2	29.8		21.0		0	0		5		
41316 SALALAH	1702N	05405E	20		1000.9	1003.5	25.4		28.1		6	14		1		
PAKISTAN																
41515 DROSH	3534N	07147E	1465			1406 Y	30.2	.2	14.4		3	25	4	4		
41530 PESHAWAR	3401N	07135E	360		959.0	997.5	31.4	-.8	29.3		2	21	-21	3		
41560 PARACHINAR	3352N	07005E	1725			1427 Y	24.0	-.5	18.4		6	83	-24	3		
41571 ISLAMABAD AIRPORT	3337N	07306E	508			997.9	29.1	-.6	28.7		14	175	-92	2		
41594 SARGODHA	3203N	07240E	188		978.6	997.9	31.4		32.5		10	267		6		
41598 JHELUM	3256N	07343E	234		971.9	998.0	30.2	-.7	32.1		12	210	-27	2		
41600 SIALKOT	3230N	07432E	256		969.9	998.3	29.5	-.3	32.1		13	210	-78	2		
41620 ZHOB	3121N	06928E	1407		849.7	1401 Y	29.2	-.3	18.7		10	118	70	5		
41624 DERA ISMAIL KHAN	3149N	07055E	173		978.1	996.9	31.1	-1.6	32.8		5	153	93	5		
41640 LAHORE CITY	3133N	07420E	215		974.0	997.8	30.8	-.7	34.6		9	224	22	4		
41660 QUETTA AIRPORT	3015N	06653E	1587		834.3	1425 Y	29.9	2.0	16.5		0	0	-12	2		
41675 MULTAN	3012N	07126E	123		983.6	997.7	33.4	-.5	33.0		3	108	47	5		
41685 BAR KHAN	2953N	06943E	1097			1411 Y	29.3	-.2	23.0		12	173	65	5		
41710 NOKKUNDI	2849N	06245E	683		921.8	992.6	37.2	1.4	25.2		0	0	-1	5		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
41712 DAL BANDIN	2853N	06424E	850		905.4	1419 Y	36.9	2.7			0	0	-3	4		
41715 JACOBABAD	2818N	06828E	56		990.0	996.4	35.1	.2	33.1		1	15	-21	3		
41718 KHANPUR	2839N	07041E	88		986.6	996.3	33.5	-.1	32.2		2	13	-14	3		
41739 PANJGUR	2658N	06406E	981		892.9	1418 Y	32.3	.6	19.9		0	0	-25	2		
41744 KHUZDAR	2750N	06638E	1232		866.3	1398 Y	31.0	.7	20.1		8	38	-9	3		
41749 NAWABSHAH	2615N	06822E	38		992.7	996.3	34.4	.4	26.2		2	20	-31	3		
41756 JIWANI	2504N	06148E	57		992.7	999.2	29.1	-.9	30.5		0	0	-7	4		
41759 PASNI	2516N	06329E	6		998.4	998.6	29.4		32.1							
41768 CHHOR	2531N	06947E	6		998.0	998.5	32.1	.6	30.8		3	5	-74	1		
41780 KARACHI AIRPORT	2454N	06708E	22		997.5	1000.5	29.9	-.4	30.5		1	1	-84	2		
INDIA																
42027 SRINAGAR	3405N	07450E	1587		834.6	1424 Y	23.4	-.7	20.5		9	115	53	5	188	
42071 AMRITSAR	3138N	07452E	234			998.1	29.2	-1.0	31.9		12	159	-72	1	204	95
42147 MUKTESHWAR KUMAON	2928N	07939E	2311		772.1	3138 Z	17.2	.0	18.4							
42165 BIKANER	2800N	07318E	224			996.7	33.8	1.0	28.1		8	85	-21	3		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		973.9	997.7	30.5	-.3	33.0		15	194	-43	3	108	65
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		989.7	1002.1	28.3	.6	31.9		23	458	-88	2	151	
42339 JODHPUR	2618N	07301E	224			998.3	30.8		28.3		8	114		3		
42404 DHUBRI	2601N	08959E	35		997.9	1001.9	28.3	.1	33.5		20	615	262	5		
42410 GAUHATI	2606N	09135E	54		995.0	1001.1	29.4	.9	33.7		18	175	-202	0	124	101
42452 KOTA AERODROME	2509N	07551E	274			998.8	30.0	.1	29.8		17	396	137	4		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		987.0	997.9	29.2	-.7	32.5		11	166	-99	1		
42515 CHERRAPUNJI	2515N	09144E	1313		863.7	1449 Y	20.7	.6	22.9		29	2343	-929	2		
42619 SILCHAR	2445N	09248E	29		998.9	1002.2	28.9		33.7		26	664		4		
42647 AHMADABAD	2304N	07238E	55		995.1	1001.3	29.5	.0	30.7		12	429	182	5	104	80
42671 SAGAR	2351N	07845E	551		939.1	999.2	26.6	-.1	29.3		24	1081	731	6		
42731 DWARKA	2222N	06905E	11		1000.8	1002.1	29.3	.1	33.5		7	73	-24			
42754 INDORE	2243N	07548E	567		938.6	1000.3	27.1	.6	26.3		10	235	-44	2	63	61
42807 CALCUTTA/ALIPORE	2232N	08820E	6		999.5	1000.2	29.0	-.2	33.9		25	337	-74	2	104	112
42867 NAGPUR SONEGAON	2106N	07903E	310		965.9	1000.2	27.7	-.2	30.0		21	283	-7	3	78	68
42909 VERAVAL	2054N	07022E	8		1002.1	1003.0	28.9	.5	33.9		14	150	-79	2		
42933 AKOLA	2042N	07702E	282		969.9	1001.1	28.5	.2	28.3		17	292	70	5		
42971 BHUBANESWAR	2015N	08550E	46		995.1	1000.3	29.1	.4	34.7		19	310	-7	2	82	77
43041 JAGDALPUR	1905N	08202E	553		941.1	1001.9	25.7	.0	28.3		23	308	-44	2		
43057 BOMBAY/COLABA	1854N	07249E	11		1003.1	1004.3	27.9	.2	34.5		20	645	-37	3	40	55
43063 POONA	1832N	07351E	559		942.7	1004.3	25.3	.0	26.2		19	335	172	5	87	73
43128 HYDERABAD AIRPORT	1727N	07828E	545		943.5	1003.1	26.6	-.4	26.7		15	370	215	5	101	72
43185 MACHILIPATNAM	1612N	08109E	3		1002.3	1002.5	30.1	.4	29.7		13	199	28	4	158	
43192 GOA/PANJIM	1529N	07349E	60		999.7	1006.6	26.7	.0	32.2		28	1168	315	5	55	52
43198 BELGAUM/SAMBRA	1551N	07437E	747		923.9	1005.5	23.5	.3	24.7		19	316	92	4		
43279 MADRAS/MINAMBAKKAM	1300N	08011E	16		1002.5	1004.3	31.7	1.0	27.9		7	91	-30	2	171	92
43295 BANGALORE	1258N	07735E	921		906.1	1475 Y	24.3	.4	22.7		20	163	57	5	75	68
43314 KOZHIKODE	1115N	07547E	5		1008.3	1008.9	26.6	.6	31.0		28	611	-159	2		
43333 PORT BLAIR	1140N	09243E	79		998.9	1007.8	27.0	.9	30.7		22	547	147	4	92	84
43363 PAMBAN	0916N	07918E	11		1005.4	1006.6	29.1	-.8	31.9		2	8	-10	4		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
43369 MINICOY	0818N	07309E	2		1009.5	1009.7	28.6	.8	33.3		16	239	9	3	130	75
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1002.2	1009.4	27.0	.5	28.8		20	245	70	4	100	67
SRI LANKA																
43418 TRINCOMALEE	0835N	08115E	7		998.5	1007.1	30.7	.6	30.5	3.6	2	18	-52			
43466 COLOMBO	0654N	07952E	7		1007.9	1008.7	27.9	.3	32.0	2.5	14	166	41		202	100
43497 HAMBANTOTA	0607N	08108E	20		1006.5	1008.3					9	48	0			
MALDIVES																
43555 MALE	0412N	07332E	2				28.5	2.4			12	150			218	96
NEPAL																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		859.5	1435 Y	24.8		26.3		19	254			98	75
HONG KONG, CHINA																
45004 KING'S PARK	2219N	11410E	66		999.3	1006.8	28.4	-.6	32.0	.5	11	387	60	4	245	106
MACAO, CHINA																
45011 TAIPA	2110N	11334E	114		994.0	1007.0	28.5		31.1		10	192		2	220	95
REPUBLIC OF KOREA																
47101 CHUNCHON	3754N	12744E	75		997.5	1006.1	25.4	1.1	25.1	1.1	10	322	-25	3	118	79
47105 KANGNUNG	3745N	12854E	27		1003.1	1006.0	25.3	1.4	23.2	-.4	9	219	2	4	166	115
47108 SEOUL	3734N	12658E	87		996.4	1006.2	25.3	.7	24.8	-.2	11	269	-100	3	79	65
47115 ULLUNGDO	3729N	13054E	223		981.3	1006.2	23.1	.8	24.3	1.1	8	177	54	5	153	101
47133 TAEJON	3618N	12724E	78		998.6	1006.7	25.4	.4	24.7	-1.0	12	463	147	5	123	76
47138 POHANG	3602N	12923E	6		1006.5	1006.8	25.8	1.1	26.1	1.6	11	131	-64	2	167	104
47159 PUSAN	3506N	12902E	71		999.2	1007.1	23.8	-.2	24.5	-1.0	13	314	58	4	157	95
47165 MOKPO	3447N	12623E	56		1002.7	1006.9	25.0	.3	26.9	.3	16	197	-13	3	144	92
47168 YOSU	3444N	12744E	68		999.4	1007.0	24.1	-.1	26.5	.8	13	238	-22	3	135	83
47184 CHEJU	3331N	12632E	24		1004.7	1007.1	26.9	1.3	26.0	-.9	9	121	-109	2	140	67
JAPAN																
47401 WAKKANAI	4525N	14141E	11		1007.2	1008.6	16.7	-.1	15.8	-.8	4	58	-35	2	162	107
47407 ASAHIKAWA	4346N	14222E	116		991.8	1008.0	19.8	-.6	17.8	-.6	11	83	-13	3	119	68
47409 ABASHIRI	4401N	14417E	43		1003.8	1008.9	16.8	-.3	15.4	-1.3	12	114	38	4	155	88
47412 SAPPORO	4303N	14120E	26		1004.9	1008.0	20.1	-.1	17.6	-.9	9	119	51	5	157	88
47418 KUSHIRO	4259N	14424E	37		1004.9	1009.7	14.8	-.5	15.2	-.5	13	148	38	4	58	50
47420 NEMURO	4320N	14535E	39		1005.1	1009.8	13.0	-1.2	14.0	-1.1	12	202	100	5	80	66
47421 SUTTSU	4248N	14014E	38		1003.4	1007.9	18.6	.0	18.0	-.7	10	86	-12	3	157	94
47426 URAKAWA	4210N	14247E	37		1004.5	1008.8	16.5	-.7	17.5	-.4	11	106	-31	3	102	77

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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.
47430 HAKODATE	4149N	14045E	43		1003.1	1008.2	19.3	.0	17.7	-1.4	13	181	67	5	133	91
47575 AOMORI	4049N	14046E	3		1007.0	1007.5	20.3	-.6	19.3	-1.1	10	130	30	4	138	77
47582 AKITA	3943N	14006E	21		1004.7	1007.2	22.3	-.3	21.6	-.5	15	190	4	3	120	69
47585 MIYAKO	3939N	14158E	46		1002.2	1008.1	18.8	-1.2	19.0	-1.3	15	190	67	4	107	73
47598 ONAHAMA	3657N	14054E	5		1007.2	1007.8	21.9	.4	22.6	.1	14	248	135	6	109	74
47600 WAJIMA	3723N	13654E	14		1005.7	1007.4	23.6	-.1	23.9	-.2	11	142	-50	3	125	71
47602 AIKAWA	3802N	13815E	17		1005.4	1007.4	23.3	.1	24.3	.9	11	67	-94	1	133	77
47605 KANAZAWA	3635N	13638E	33		1003.6	1007.5	25.3	.1	24.5	-.4	15	295	45	4	141	85
47618 MATSUMOTO	3615N	13758E	611		938.8	1006.3	23.5	.4	20.3	-.5	11	173	37	4	167	95
47624 MAEBASHI	3624N	13904E	113		994.1	1007.1	24.8	.4	22.1	-1.8	17	368	196	6	129	105
47636 NAGOYA	3510N	13658E	56		1000.8	1007.2	26.7	.9	24.6	-.8	9	139	-73	2	137	87
47648 CHOSHI	3544N	14052E	28		1004.2	1007.4	22.8	.2	25.9	1.3	7	179	79	4	117	72
47655 OMAEZAKI	3436N	13813E	47		1001.8	1007.1	24.5	.0	26.8	-.2	11	296	74	5	146	82
47662 TOKYO	3541N	13946E	36		1003.0	1007.1	25.6	.4	23.1	-1.1	9	248	122	5	104	76
47663 OWASE	3404N	13612E	27		1004.1	1007.3	25.9	1.0	26.9	.6	12	317	-131	3	163	117
47675 OSHIMA	3445N	13222E	79		998.2	1007.3	24.0	1.0	26.5	1.1	9	238	26	4	103	81
47678 HACHIJIJIMA	3306N	13947E	80		990.5	1008.2	24.5	-.6	29.3	1.2	9	215	26	4	97	65
47740 SAIGO	3612N	13320E	31		1003.6	1007.3	24.3	.2	24.4	-.9	12	286	91	4	146	78
47741 MATSUE	3527N	13304E	22		1004.8	1007.4	25.2	.0	25.6	-.9	14	334	66	4	138	73
47750 MAIZURU	3527N	13519E	22		1005.1	1007.7	25.5	.3	25.1	.2	15	185	16	3	95	58
47755 HAMADA	3454N	13204E	20		1004.7	1007.5	25.5	.4	27.6	1.6	14	405	141	5	158	86
47772 OSAKA	3441N	13531E	83		998.1	1007.4	27.5	.5	25.6	.3	12	196	40	4	153	84
47778 SHIONOMISAKI	3327N	13546E	75		999.2	1007.7	25.3	.1	28.2	.3	10	159	-126	2	176	94
47807 FUKUOKA	3335N	13023E	15		1006.1	1007.8	27.6	.7	26.7	-.1	12	301	44	4	138	78
47815 OITA	3314N	13137E	13		1006.3	1007.8	27.1	1.0	25.9	-.8	14	368	128	5	157	87
47817 NAGASAKI	3244N	12952E	35		1004.2	1008.3	27.0	.4	28.4	.3	12	310	-23	3	156	85
47827 KAGOSHIMA	3133N	13033E	31		1005.2	1008.8	28.4	1.0	27.9	-.6	11	314	11	3	176	93
47830 MIYAZAKI	3155N	13125E	7		1006.6	1008.3	27.6	.7	27.4	-1.1	11	315	27	4	181	85
47837 TANEGASHIMA	3044N	13100E	18		1005.0	1009.2	27.6	.6	29.5	-1.0	7	175	-14	3	211	90
47843 FUKUE	3242N	12850E	26		1005.0	1008.0	26.7	1.0	27.3	-1.4	11	347	34	4	153	94
47887 MATSUYAMA	3350N	13247E	34		1003.9	1007.8	27.0	.6	25.3	-.1	12	461	312	5	192	98
47891 TAKAMATSU	3419N	13403E	10		1005.9	1007.5	27.3	1.0	25.4	-1.2	11	216	87	4	178	86
47898 SHIMIZU	3243N	13301E	33		1004.2	1008.1	26.6	.5	28.3	-.5	6	208	-31	3	196	90
47899 MUROTOMISAKI	3315N	13411E	186		986.7	1007.8	24.9	.3	28.6	.7	9	207	-54	3	174	92
47909 NAZE	2823N	12930E	7		1009.0	1009.9	29.3	.9	28.5	-1.4	2	92	-128	2	240	108
47918 ISHIGAKIJIMA	2420N	12410E	7		1007.0	1008.3	29.3	.1	31.3	-.9	5	266	85	4	259	97
47927 MIYAKOJIMA	2447N	12517E	41		1004.2	1008.9	28.8	.5	30.5	-.9	3	157	-5	4	243	93
47936 NAHA	2612N	12741E	53		1006.6	1009.7	29.2	.9	29.9	-1.0	3	7	-183	0	242	94
47945 MINAMIDAITOJIMA	2550N	13114E	20		1008.2	1010.5	28.9	.8	30.8	-.4	2	7	-120	0	290	111
47971 CHICHIJIMA	2705N	14211E	8		1011.3	1012.2	27.6	.4	30.3	.5	6	64	-6	3	231	94
47991 MINAMITORISHIMA	2418N	15358E	9		1012.6	1013.6	28.5	.5	28.7	-.8	14	146	-36		257	97
THAILAND																
48327 CHIANG MAI	1847N	09859E	314		969.8	1004.9	27.4	.4	30.5	2.6	15	179	18	4	132	86
48354 UDON THANI	1723N	10248E	182		984.6	1004.7	28.2	.3	30.0	.4	17	247	25	5		
48378 PHITSANULOK	1647N	10016E	45		1000.5	1005.7	29.1	1.0	31.0	1.2	12	147	-43	2	170	96

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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.
48400 NAKHON SAWAN	1548N	10010E	35		1002.0	1006.0	28.7	-.2	31.3	1.6	13	164	30	4	148	83
48431 NAKHON RATCHASIMA	1458N	10205E	188		985.2	1006.2	28.7	.8	29.0	1.0	11	177	55	5		
48455 BANGKOK	1344N	10034E	20		1006.7	1007.2	29.5	1.2	30.0	.1	14	150	-5	3	143	84
48462 ARANYAPRATHET	1342N	10235E	49			1007.0	28.4	.8	30.4	.4	14	122	-60	2		
48480 CHANTHABURI	1236N	10207E	4		1007.2	1007.7	27.9	.8	31.8	1.2	22	363	-77	3	85	61
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1007.2	1007.9	27.9	.1	28.4	-2	11	111	22	4		
48517 CHUMPHON	1029N	09911E	5		1008.2	1008.7	28.0	1.0	29.7	.4	23	251	77	5		
48568 SONGKHLA	0712N	10036E	5		1008.5	1009.2	28.6	.3	28.7	-3	9	0094	-001	3	185	86
LAO PDR																
48930 LUANG-PRABANG	1953N	10208E	305		968.9	1005.1	27.2	.2	30.0	-6	18	344	116	5	145	115
48938 SAYABOURY	1914N	10144E	326		983.4	1002.6	27.9		29.6		16	168		2	144	
48940 VIENTIANE	1757N	10234E	171		986.0	1005.1	28.8	1.3	30.6	.5	14	237	-28	3	156	105
48946 THAKHEK	1723N	10439E	152		989.0	1006.2	28.0		31.3		23	736			143	
48947 SAVANNAKHET	1633N	10439E	145		991.9	1008.3	28.3	1.3	32.0	3.3	20	595	381	5	133	
48948 SENO	1640N	10500E	185		985.1	1006.0	27.8		30.3		22	513		5	148	
48955 PAKSE	1507N	10510E	102		995.6	1006.0	28.6	1.9	30.7	1.1	17	434	51	4	101	70
CHINA																
50527 HAILAR	4913N	11945E	611		935.1	1003.6	20.6	.9	17.0	1.0	13	138	35	5	213	74
50745 QIQIHAR	4723N	12355E	148		986.5	1003.5	22.4	-.4	20.9	.9	15	176	39	4	167	62
51431 YINING	4357N	08120E	663		932.0	1005.3	25.0	2.2	14.2	-7	2	7	-16	1	374	117
51463 URUMQI	4347N	08737E	919		903.7	1005.1	25.5		11.2		1	17		2	290	95
51709 KASHI	3928N	07559E	1291		865.6	1001.9	25.3	-.4	13.0	.8	4	14	7	5	316	101
51777 RUOQIANG	3902N	08810E	889		904.4	999.7	27.9	.7	13.2	1.4	3	51	41	5	271	89
51828 HOTAN	3708N	07956E	1375		856.6	1000.9	25.5	.1	12.9	.2	3	17	12	5	219	90
52203 HAMI	4249N	09331E	739		919.8	999.9	27.5	.9	13.8	1.7	1	11	5	4	334	99
52533 JIUQUAN	3946N	09829E	1478		846.2	1001.4	23.2	1.8	13.0	-1	3	8	-11	1	242	86
52836 DULAN	3618N	09806E	3192		691.7		14.2	-.5	9.5	2.1	13	84	48	5	229	85
53068 ERENHOT	4339N	11200E	966		897.8	1001.8	25.7	2.7	11.6	-8	2	14	-22	1	325	102
53614 YINCHUAN	3829N	10613E	1112		883.0	1001.8	25.3	2.0	15.8	-1.9	4	12	-30	0	263	92
53772 TAIYUAN	3747N	11233E	779		918.9	1004.1	25.5	2.2	19.4	-1.2	5	43	-77	1	252	107
54292 YANJI	4253N	12928E	178		985.5	1006.1	21.7	.5	20.4	.3	11	91	-13	2	152	85
54342 SHENYANG	4146N	12326E	43		1000.6	1005.7	24.9	.4	24.7	.9	12	180	14	3	167	78
54511 BEIJING	3956N	11617E	55		1000.0	1003.7	27.9	2.0	23.6	-1.5	7	96	-79	1	201	90
54857 QINGDAO	3604N	12020E	77		996.9	1005.6	25.2	1.4	26.0	-4	6	63	-114	1	161	88
55591 LHASA	2940N	09108E	3650		653.3		17.6	2.3	10.1	-6	11	104	-15	3	263	116
56137 QAMDO	3109N	09710E	3307		680.3	993.8	17.0	.8	11.9	.7	13	137	35	5	220	111
56571 XICHANG	2754N	10216E	1599		835.1		24.1	1.5	19.6	-5	12	170	-40	2	143	79
56739 TENGCHONG	2507N	09829E	1649		830.9		20.8	1.3	20.5	.2	22	278	0	2	68	93
56778 KUNMING	2501N	10241E	1892		808.1		21.0	1.3	17.8	-1.2	15	170	-34	3	110	78
56985 MENGZI	2323N	10323E	1302		865.3	1003.6	23.7		19.3		14	83		2	149	105
57036 XI'AN	3418N	10856E	398		958.5	1002.7	28.0	1.7	22.8	-1.2	7	46	-46	1	188	90
57083 ZHENGZHOU	3443N	11339E	111		991.2	1003.9	26.9	-.2	27.4	.4	9	214	68	4	79	37
57461 YICHANG	3042N	11118E	134		988.4	1003.5	28.9	1.0	30.3	.7	10	287	77	4	157	76

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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.
57745 ZHIJIANG	2727N	10941E	273		973.7	1004.3	28.2	.8	26.8	-1.6	5	69	-49	2	250	100
57993 GANZHOU	2551N	11457E	125		989.8	1005.3	30.3	.8	24.5	-4.0	5	33	-63	1	286	105
58362 SHANGHAI	3124N	12128E	4								8	119		3	155	70
58606 NANCHANG	2836N	11555E	50		999.1	1004.5	30.4	.9	28.5	-2.4	10	97	-25	3	274	105
59287 GUANGZHOU	2308N	11319E	8		1001.9	1006.6	29.9	1.4	29.4	-2.4	7	132	-95	1	175	80
59316 SHANTOU	2324N	11641E	3		1006.4	1006.8	29.3	1.1	28.1	-3.8	9	100	-106	1	278	113
59431 NANNING	2249N	10821E	73		991.1	1004.9	28.6	.2	31.4	.3	9	99	-102	1	231	106
59758 HAIKOU	2002N	11021E	24		1003.3	1005.0	29.4	1.0	30.7	-9	12	148	-62	2	228	88
AFRICA																
SPAIN (CANARY ISLANDS)																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1013.6	1018.0	24.8	.3	17.0	-2	0	0	0	5	346	104
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1011.9	1017.4	23.9	.6	17.6	-1.5	0	0	-1	5	319	109
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1014.8	1017.2	24.5	.8	18.0	-1.3	0	0	0	5	299	106
WESTERN SAHARA																
60096 VILLA CISNEROS	2342N	01552W	10		1012.9	1014.4	22.3				0	0		0	285	115
MOROCCO																
60101 TANGER(AERODROME)	3544N	00554W	21		1014.3	1016.1	24.4	.9	20.7		0	0	-2	0	378	110
60115 OUJDA	3447N	00156W	470		962.2	1014.0	26.4	1.6	16.2	-2	0	0	-2	0	336	200
60120 KENITRA	3418N	00636W	14		1014.4	1016.1	23.4	.4	22.0		0	0	-1	3	296	90
60135 RABAT-SALE	3403N	00646W	75		1007.1	1016.2	21.6	-6	22.6		0	0	-1	0	298	90
60150 MEKNES	3353N	00532W	549		952.4	1014.8	25.1	-1	16.0		0	0	-2	2	353	100
60155 CASABLANCA	3334N	00740W	62		1009.4	1016.2	22.8	.4	22.9		0	0	-1	2	299	65
60195 MIDELT	3241N	00444W	1515		854.1	1558 Y	26.0	1.5	13.9		1	1	-4	2	290	65
60230 MARRAKECH	3137N	00802W	466		962.2	1014.1	28.0	-3	15.0		0	0	-1	2	354	105
60265 OUARZAZATE	3056N	00654W	1140		888.7	1538 Y	31.6	2.1	6.0		1	1	0	3	346	80
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1008.7	1014.9	25.9	1.4	21.1	-1	0	0	-1	3	286	106
ALGERIA																
60351 JIJEL ACHOUAT	3653N	00549E	10		1013.6	1015.0	26.2		23.1		1	1			323	
60353 JIJEL PORT	3650N	00547E	2		1013.4	1015.1	26.5		24.8		1	2			329	55
60355 SKIKDA	3656N	00657E	7		1015.1	1015.4	26.4	2.5	24.4						335	75
60360 ANNABA	3650N	00749E	4		1014.1	1015.1	25.6	1.3	23.2		01	0003	0001	4	341	75
60387 DELLYS	3655N	00357E	12		1013.5	1014.0	24.9		23.7		1	1			315	
60390 DAR-EL-BEIDA	3643N	00315E	25		1011.7	1015.0	25.8	1.2	23.0		0	T	-4	2	333	75
60395 TIZI-OUZOU	3642N	00403E	195		996.4	1006.7	28.2		18.7		1	1			301	65

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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.
60402 BEJAIA	3643N	00504E	2		1014.9	1015.8	25.4	1.4	23.8		0	T		1	303	65
60410 TENES	3630N	00120E	59		1013.4	1015.5	25.7		23.5		0	0			319	70
60417 BOUIRA	3623N	00354E	635		951.9	1015.0	20.8		12.8		3	29			210	60
60419 CONSTANTINE	3617N	00637E	694		938.4	1014.2	26.8	1.6	16.3		2	8	0	3	334	75
60421 OUM EL BOUAGHI	3553N	00707E	889		916.0	1549 Y	27.6		16.7		2	11			324	
60423 SOUK AHRAS	3617N	00758E	680		920.3	1522 Y	26.1		18.1		4	13			343	
60425 CHLEF	3613N	00120E	143		997.3	1014.4	30.8	1.8	14.5		0	0	-1	3	343	
60430 MILIANA	3618N	00214E	715		935.2	1013.5	28.5	1.9	15.0		0	T	-5	2	347	
60437 MEDEA	3616N	00245E	981		899.7	1533 Y	26.8		16.4		0	T			351	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928			1564 Y	29.0		14.9		1	4			328	
60445 SETIF	3611N	00525E	1081		904.0	1553 Y	26.8		12.7		1	22			351	
60452 ARZEW	3549N	00016W	3		1013.8	1014.3	23.8		23.2		0	0			258	55
60457 MOSTAGANEM VILLE	3553N	00007E	137		997.9	1013.9	25.9		23.3		0	0			346	
60461 ORAN PORT	3542N	00039W	22		1012.1	1014.6	25.5		22.6		0	0				
60467 M'SILA	3540N	00430E	441		963.2	1011.3	33.4		15.7		2	3			336	75
60471 BARIKA	3520N	00520E	460		962.2	1012.4	32.7		14.8		2	8			334	75
60476 KHENCHELLA	3525N	00709E	1116		906.9	1555 Y	28.0		14.0		2	11			226	
60490 ORAN/ES SENIA	3538N	00036W	90				26.5	1.7	21.0		0	0	-1	2	341	75
60506 MASCARA METMORE	3536N	00018E	474		961.2	1015.3	-7.0				1	2			311	70
60511 TIARET	3515N	00126E	1127		907.2	1547 Y	27.5		11.8		2	5			319	70
60514 KSAR CHELLALA	3510N	00219E	800		927.2	1565 Y	30.2		12.2		2	10			321	70
60515 BOU-SAADA	3520N	00412E	461		963.6	1013.8	25.8		13.6		2	8			259	
60517 GHAZAOUET	3506N	00152W	83		1015.3	1015.9	26.3		23.1		0	0		0		
60518 BENI-SAF	3518N	00121W	68		1005.4	1016.2			23.5		0	0			297	65
60520 SIDI BEL ABBES	3511N	00237W	450		962.0	1014.7	27.7		15.5		01	1			340	
60522 MAGHNA	3449N	00147W	426		996.8	1014.4	26.8		16.3		00	0			327	
60525 BISKRA	3448N	00544E	87				35.9	2.7	14.1		1	3	2	5	341	
60531 TLEMCEN (ZENATA)	3501N	00128W	247		987.1	1015.0	26.0		18.9		0	0			103	70
60535 DJELFA	3441N	00315E	1144		885.8	1547 Y	28.9	3.2	11.2		3	12	3	5	295	
60536 SAIDA	3452N	00009E	750		930.8	1546 Y	28.5		14.9		1	11			125	80
60540 EL KHEITER	3409N	00004E	1000		902.1	1526 Y	30.0		11.4		3	7			251	55
60545 LAGHOUAT	3346N	00256E	765		929.1	1560 Y	33.5		9.7		2	11			268	60
60549 MECHERIA	3456N	00026W	1149		888.9	1546 Y	30.3		11.1			2			173	40
60550 ELBAYADH	3340N	00100E	1341		869.9	1552 Y	29.4		8.9		3	21			284	
60555 TOUGGOURT	3307N	00608E	85		1001.9	1012.0	35.8		15.6						330	
60557 NAAMA	3316N	00018W	1166		887.1	1545 Y	30.6		10.0		1	4			255	
60559 EL OUED	3330N	00607E	63		1004.1	1011.7	35.5	3.0	14.5		0	0	-1	4	321	
60560 AIN SEFRA	3246N	00036W	1058		895.8	1531 Y	32.1		12.3		0	0			251	
60566 GHARDAIA	3223N	00349E	450		961.0	1011.0	36.9	4.2	11.7		0	0	-1	4	298	
60571 BECHAR	3137N	00214W	773		923.3	1552 Y	35.8	2.8	8.0						331	75
60580 OUARGLA	3155N	00524E	141		994.2	1010.2	37.9		13.6		0	0			313	
60581 HASSI-MESSAOUD	3140N	00609E	142		995.1	1011.1	37.9	4.0	11.1		0	0	-1	5		
60590 EL GOLEA	3034N	00252E	397		966.8	1010.2	37.2	4.6	12.0		0	0	-1	5	307	
60602 BENI ABBES	3008N	00210W	499		954.1	1007.8	38.2	3.3	8.5						335	
60607 TIMIMOUN	2915N	00017E	312		974.0	1008.2	38.7	3.4	7.5		0	0	0	5	339	
60611 IN AMENAS	2803N	00938E	562		949.9	1010.4	34.3	3.3	13.8		0	0	0	5	351	

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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.
60620 ADRAR	2753N	00017W	263		977.1	1007.7	39.1	3.1	6.8		0	0	0	5	313	
60630 IN SALAH	2712N	00228E	293		978.6	1007.5	39.6	2.6	11.1		0	0	0	5	333	95
60640 ILLIZI	2630N	00825E	558		950.6	1008.9	35.8		10.7		0	0				
60656 TINDOUF	2740N	00808W	431		959.9	1008.5	33.7		34.7		0	0			332	
60670 DJANET	2433N	00928E	1054		906.7	1545 Y	32.3	1.2	6.9		0	0	-1	5	372	
60680 TAMANRASSET	2247N	00531E	1378		865.6	1539 Y	30.5	1.8	6.6		0	0	-4	2	321	95
60686 BORDJI B.MOKHTAR	2120N	00057E	398		963.7	1006.5	36.6		10.3		1	1			187	
60690 IN-GUEZZAM	1934N	00546E	411				37.9		11.8						205	
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1014.0	1014.5	28.5	2.2	20.8		1	3	0	4	342	96
60725 JENDOUBA	3629N	00848E	144		998.9	1015.0	28.8	1.8	19.4		01	1	-4	4	299	86
60735 KAIROUAN	3540N	01006E	68		1007.0	1014.8	30.9	2.4	17.9		1	8	2	5	354	98
60745 GAFSA	3425N	00849E	314		978.5	1014.0	31.6	2.7	12.9		0	0	-1	4	355	100
60765 GABES	3353N	01006E	5		1013.8	1014.2	28.7	2.1	24.8		0	0	-1	4	348	94
NIGER																
61075 BIRNI-N'KONNI	1348N	00515E	273		980.2	1010.6	28.9		27.7		11	168		4	259	95
61080 MARADI	1328N	00705E	373		968.0	1009.2	28.3		25.9		9	135		2	258	95
61091 MAGARIA	1259N	00856E	403		966.3	1010.8	28.0		25.6		12	188		4	254	
61099 GAYA	1153N	00327E	203		987.9	1010.6	27.4		28.2		12	143		2	221	105
MALI																
61202 TESSALIT	2012N	00059E	491		954.2	1006.7	35.6		13.8		3	17	1	1	152	109
61230 NIORO DU SAHEL	1514N	00921W	237		983.9	1010.3	29.7	.2	27.4		8	76	-56	1	235	95
61240 HOMBORI	1520N	00141W	288		1001.4	1009.9	31.0	-2	26.3		12	57	-46		237	98
61257 KAYES	1426N	01126W	47		980.5	1010.6	28.9	.1	22.4		11	148	-21			
61270 KITA	1304N	00928W	334		974.7	1011.0	26.9	.3	27.7		13	104	-101		220	102
61272 SEGOU	1324N	00609W	289		979.5	1011.6	28.1	.4	28.7		12	124	-36		206	83
MAURITANIA																
61401 BIR MOGHREIN	2514N	01137W	360				31.0		21.1							
61415 NOUADHIBOU	2056N	01702W	3		1012.9	1023.3			22.0		0	0		5	290	120
61442 NOUAKCHOTT	1806N	01557W	3		914.6	1014.2	27.5		26.7							
61461 BOUTILIMIT	1732N	01441W	75		1004.3	1012.9	31.4		23.7		3	0066		5		
SENEGAL																
61600 SAINT-LOUIS	1603N	01627W	4		1012.2	1012.7	28.2		30.3	2.0	6	147	107		196	80
61612 PODOR	1639N	01458W	7		1011.5	1012.3	31.0				4	70	29	4	197	
61627 LINGUERE	1523N	01507W	21		1009.5	1011.8	29.6		28.1	2.1	13	198	109	3	213	89
61630 MATAM	1539N	01315W	17		1009.0	1010.8	31.4		31.0	6.3	10	106	21	2	199	73
61641 DAKAR/YOFF	1444N	01730W	24		1010.1	1013.4	27.9		29.1	1.4	4	114	54	4	218	94
61679 KAOLACK	1408N	01604W	7		1011.0	1013.9	28.9		34.5		15	0212	0078	4	212	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.
61687 TAMBACOUNDA	1346N	01341W	50		1007.0	1014.0	28.3		28.9	1.1	1	0221	0036	1		
61695 ZIGUINCHOR	1233N	01616W	23		1010.9	1013.5					15	359	64	4	143	79
GUINEA-BISSAU																
61766 BISSAU (AEROPORTO INT. OSVAL)	1153N	01539W	36		1012.3	1013.3	28.7		31.7		10	170		4	124	
OCEAN ISLANDS (UK)																
61901 ST. HELENA IS.	1556S	00504W	436		969.6	1020.5	17.6				2	4			133	115
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1014.8	1015.3	25.8	.6	26.2	.8	17	185	84	5	248	
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1018.0	1018.4	24.0	.5	24.0	.6	13	67	8	5		
61988 RODRIGUES	1941S	06325E	59		1014.5	1020.8	22.3	.4	20.7	1.1	14	130	45	5	195	84
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1016.8	1022.7	21.2	.1	19.0	-5	15	101	-12	4	148	82
LIBYAN ARAB JAMAHIRIYA																
62002 NALUT	3152N	01059E	621		945.7	1569 Y	30.5		15.1						358	95
62007 ZUARA	3253N	01205E	3		1013.6	1014.0	29.8		26.9						330	95
62008 YEFREN	3205N	01233E	69			1577 Y	29.2		19.8						360	
62010 TRIPOLI INTERNATIONAL AIRPOR	3240N	01309E	82		1004.7	1013.9	29.3		16.8						368	100
62016 MISURATA	3225N	01503E	32		1010.5	1014.0	27.6		24.9						369	100
62019 SIRTE	3112N	01635E	14		1011.9	1013.6	27.0		27.6						375	100
62053 BENINA	3206N	02016E	132		998.0	1013.4	27.1		22.2						386	100
62055 AGEDBAIA	3043N	02010E	7		1013.4	1014.1	27.6		21.1						393	100
62056 SHAHAT	3249N	02151E	625		938.5	1509 Y	24.1		16.5		1	14		6		
62059 DERNA	3247N	02235E	26		1010.4	1013.4	26.8		24.7						369	115
EGYPT																
62306 MERSA MATRUH	3120N	02713E	29		1007.5	1011.0	25.5	.5	22.2	-1.7					383	103
62337 EL ARISH	3105N	03350E	38		1004.6	1008.4	26.8	.8	24.5	1.4						
62378 HELWAN	2952N	03120E	141		992.3	1008.4	28.9	1.2	20.6	2.2					361	103
62414 ASSWAN	2358N	03247E	194		984.4	1006.0	35.3	1.7	9.6	.1					384	103
62417 SIWA	2912N	02529E	-13		1011.4	1009.9	31.6	1.7	16.6	1.3					401	114
62435 KHARGA	2527N	03032E	73		998.2	1007.1	34.0	1.2	17.5	2.8					375	104
SUDAN																
62600 WADI HALFA	2149N	03129E	183		985.3	1005.5	35.1	2.3	13.0		0	0	-T	0	335	80
62640 ABU HAMED	1932N	03319E	312		970.8	1004.9	35.8	1.3	12.8		1	2	-3	5	285	70
62641 PORT SUDAN	1935N	03713E	2		1001.1	1005.7	35.4	1.3	23.7		2	16	13	5	186	45
62650 DONGOLA	1910N	03029E	226		981.0	1006.7	35.8	2.2	12.4		2	10	10	5	290	70
62660 KARIMA	1833N	03151E	249		977.3	1006.0	35.0	.5	14.3		2	5	-2	4	295	75
62680 ATBARA	1742N	03358E	345		967.7	1005.6	34.8	.8	18.0		2	7	-12		257	65

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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.
62721 KHARTOUM	1536N	03233E	380		965.3	1007.9	32.0	-1	19.2		3	77	31	5		
62730 KASSALA	1528N	03624E	500				29.2	-8	21.4		7	134	58	5	216	55
62751 WAD MEDANI	1424N	03329E	408		964.4	1009.3	28.0	-1.8	23.2		11	81	-7	4	191	50
62752 GEDAREF	1402N	03524E	599		943.4	1010.0	27.1	.0	23.5		12	158	-25	2	179	45
62760 EL FASHER	1337N	02520E	730		927.9	1006.9	30.1	1.2	18.9		6	58	-1	4	223	55
62762 SENNAR	1333N	03337E	418		961.6	1008.1	29.0	.1	24.5		9	127	28	4	118	45
62770 GENEINA	1329N	02227E	805		923.8	1011.5	27.9	1.0	21.9		14	268	101	5	205	50
62771 EL OBEID	1310N	03014E	574		945.0	1008.8	28.6	.1	21.6		8	56	-42	2	190	50
62772 KOSTI	1310N	03240E	381		967.1	1009.6	29.1	.4	24.6		8	111	14	4	200	60
62781 EN NAHUD	1242N	02826E	564		948.4	1010.5	28.5	.1	23.5		9	98	-7	3	220	55
62795 ABU NA'AMA	1244N	03408E	445		960.1	1009.5	27.8	.3	22.7		9	96	-40	1	153	40
62805 DAMAZINE	1147N	03423E	470		959.6	1009.3	26.6	-1	25.2		9	239	50	5	158	90
62810 KADUGLI	1100N	02943E	499		965.3	1010.7	27.8	.9	25.9		9	104	-30	3	201	60
62840 MALAKAL	0933N	03139E	388		967.9	1011.7	26.3	-2	26.0		9	113	-33	2	129	
62941 JUBA	0452N	03136E	457		959.5	1010.9	25.7	-2	23.2		11	118	-18	3	142	
ETHIOPIA																
63331 GONDAR	1232N	03725E	1667				18.6		17.2		28	289				
63402 JIMMA	0740N	03650E	1725				19.6		19.4		22	269				
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		774.2	1012.7	16.4		13.8		21	246				
63471 DIREDAWA	0936N	04151E	1260				27.1		18.3		10	85				
SEYCHELLES																
63980 SEYCHELLES INT. AIRPORT	0440S	05531E	3		1012.7	1013.1	26.1	.3	27.2	.5	16	103	23	5	230	100
RWANDA																
64387 KIGALI	0158S	03007E	1497		853.3	1528 Y	21.7		12.7							
CONGO																
64400 POINTE-NOIRE	0449S	01154E	17		1013.2	1015.2	21.9		22.0		0	T		2	106	85
64401 LOUBOMO	0412S	01242E	330				22.3		21.2		0	T		1		
64402 MOUYONDZI	0359S	01355E	512		955.7		21.6		21.5		1	40		0		
64405 SIBITI	0341S	01321E	531				20.3		21.1		2	3				
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		977.9	1013.5	23.4		21.8		1	2		3	145	110
64453 DJAMBALA	0232S	01446E	790			1010.8	21.6		21.3		3	27		4		
64454 GAMBOMA	0152S	01552E	377		969.7		26.0		24.2		2	8		4		
64456 MAKOUA	0001S	01535E	379				23.9		26.0		7	106		5		
64458 OUESSO	0137N	01603E	352				24.9		27.5		4	20		0		
CHAD																
64700 NDJAMENA	1208N	01502E	295		977.3	1010.7	27.8		27.6	2.9	10	170	26	1	228	107
CAMEROON																

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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.
64870 NGAOUNDERE	0721N	01334E	1104		892.7	1515 Y	18.0	-3.5	21.6	.8	18	164	-104	1	113	88
64910 DOUALA OBS.	0400N	00944E	9		1013.5	1014.5	25.2	.1	29.2	1.3	21	303	-391		45	63
BENIN																
65306 KANDI	1108N	00256E	292		979.2	1011.9	26.7	.3	28.3	1.4	14	390	194	6	210	94
65319 NATITINGOU	1019N	00123E	461		961.5	1012.7	25.4	.3	27.2	1.7	16	310	85	5	165	101
65330 PARAKOU	0921N	00237E	393		969.0	1012.8	25.3	.2	26.4	1.0	12	240	51	4	155	110
65335 SAVE	0802N	00228E	200		990.4	1013.0	25.5	.1	27.7	1.8	7	37	-138	1	110	102
65338 BOHICON	0710N	00204E	167		994.9	1013.9	25.1	-.4	27.4	1.1	6	134	-8	3	92	81
65344 COTONOU	0621N	00223E	9		1012.7	1013.7	25.7	-.1	28.9	.8	6	153	6	4	118	87
GHANA																
65442 KUMASI	0643N	00136W	293		981.6	1015.0	24.5		25.7		1	18				
BURKINA FASO																
65501 DORI	1402N	00002W	277		980.1	1010.9	29.2		27.0		8	120		3	260	
65502 OUAHIGOUYA	1334N	00225W	336		973.6	1010.9	28.1		27.0		7	123		2	235	
65503 OUAGADOUGOU	1221N	00131W	306		978.0	1012.1	27.5		26.9		11	251		5	217	110
65505 DEDOUGOU	1228N	00329W	300		978.2	1011.8	27.0		27.8		13	192		3	224	
65507 FADA N'GOURMA	1202N	00022E	309		977.4	1011.8	26.8		27.5		12	182		3	208	
65510 BOBO-DIOULASSO	1110N	00419W	460		961.1	1012.3	25.9		26.7		13	130		1	176	85
65516 BOROMO	1145N	00256W	271		981.6	1011.9	27.2		27.2		15	129		1	199	
65518 PO	1109N	00109W	322		975.5	1011.7	25.9		27.6		12	206		4	183	
65522 GAOUA	1020N	00311W	335		979.9	1012.6	26.1		26.9		8	116		1	179	
MADAGASCAR																
67009 DIEGO-SUAREZ	1221S	04918E	105		1004.7	1016.6	24.0	.5	18.3	-1.7	3	31	12		267	98
67083 ANTANANARIVO/IVATO	1848S	04729E	1276		880.7	1571 Y	14.0	-.1	12.3	-.4	2	27	17		190	89
67095 TAMATAVE	1807S	04924E	6		1021.4	1022.1	20.6	.2	20.9	-.2	25	360	72	4	172	106
67161 TULEAR	2323S	04344E	8		1021.0	1021.9	20.7	.4	17.6	4.9	2	28	22	6		
67197 FORT-DAUPHIN	2502S	04657E	9		1022.7	1023.7	20.0	.2	17.8	-.7	7	95	-53	3	216	102
MALAWI																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		885.1	1561 Y	15.8		10.9						287	
ZAMBIA																
67633 MONGU	1515S	02309E	1053		896.6	1517 Y			16.8		3	0032	0032	3		
67663 KABWE	1427S	02828E	1207		881.9	1525 Y			14.5		1	0007	0007	0		
67743 LIVINGSTONE	1749S	02549E	986		905.1	1535 Y	17.0	.9	16.0		1	0005	0004	2		
SOUTH AFRICA																

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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.
68174 PIETERSBURG	2350S	02925E	1237		887.9	1593 Y	13.2		8.4		0	0	-3	4	306	110
68242 MMABATHO	2547S	02532E	1251		882.4	1596 Y	13.3		5.7		0	0			317	
68262 PRETORIA	2544S	02811E	1306		879.8	1598 Y	14.1		7.5		0	0	-3	3	310	107
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		839.4	1590 Y	11.4		5.3		0	0	-4	3	300	106
68424 UPINGTON	2842S	02127E	850		928.0	1583 Y	15.3		6.0		0	0	-2	4	310	107
68438 KIMBERLEY	2848S	02446E	1196		890.3	1583 Y	11.1		5.6		0	0	-7	3	299	105
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		874.7	1589 Y	8.8		5.1		0	0	-9	3	285	105
68461 BETHLEHEM	2825S	02833E	1690		840.4	1593 Y	8.2		5.5		1	1		3	289	110
68512 SPRINGBOK	2967S	01790E	1007		908.8	1575 Y	15.5		6.5		0	T		1	281	
68538 DE AAR	3065S	02400E	1287		880.9	1585 Y	12.1		5.4		0	0		2	297	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1022.7	1024.4	16.9		13.9		2	2	-37	1	247	107
68618 CALVINIA	3128S	01946E	975		913.0	1578 Y	12.3		6.4		1	1		1	282	115
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1017.2	1022.2	13.8		12.6		5	65	-18	3	213	110
68828 GEORGE AIRPORT	3401S	02223E	190		999.7	1022.6	14.8		11.4		2	9			244	110
68842 PORT ELIZABETH	3398S	02562E	69		1015.3	1022.8	14.7		11.7		01	1	-46	0	243	107
68858 EAST LONDON	3302S	02750E	125		1009.9	1023.7	16.2		11.4		1	3	-44	1	241	102
68906 GOUGH ISLAND	4021S	00953W	54		1006.8	1013.4	9.8		9.4		26	326	53	4	110	078
68994 MARION ISLAND	4653S	03752E	21		1003.8	1006.7	4.3		6.9		24	214	20	4	69	106
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1014.2	4.0	-1	6.5		5	18	-5	4		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1008.7	13.8	1.7	12.4		9	24	-13	3		
70200 NOME	6430N	16526W	7			1009.4	11.6	.8	10.7		5	41	-14	3		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1011.3	14.6	1.8	11.8		7	31	-19	2		
70231 MCGRATH	6258N	15537W	103			1009.5	16.9	2.1	11.9		10	34	-18	2		
70249 PUNTILLA	6206N	15245W	560				13.3		16.2		2	7				
70251 TALKEETNA	6218N	15006W	109			1010.3	16.9	2.2	6.6		4	22	-70	0		
70261 FAIRBANKS/INT.	6449N	14752W	138			1009.2	16.9	.0	11.4		15	87	40	5		
70273 ANCHORAGE/INT.	6110N	15001W	40			1009.8	16.4	1.7	12.9		8	24	-19	1		
70308 ST. PAUL	5709N	17013W	9			1012.8	11.5	3.7	11.2		5	25	-23	1		
70316 COLD BAY	5512N	16243W	31			1012.6	11.3	1.0	11.3		12	51	-13	3		
70326 KING SALMON	5841N	15639W	15			1009.8	14.1	1.5	12.2		10	69	13	5		
70341 HOMER/MUNICIPAL	5938N	15130W	22			1010.6	14.5	2.6	6.5		4	21	-16	2		
70361 YAKUTAT	5931N	13940W	9			1012.0	13.5	1.5	13.2		17	236	29	5		
70398 ANNETTE ISLAND	5502N	13134W	34			1015.2	14.3	-.3	13.6		19	218	110	5		
USA																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1015.8	29.4	.3	29.5		4	164	73	5		
72202 MIAMI, FL.	2549N	08017W	4			1016.5	29.5	1.4	30.0		14	128	-16	3		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1016.7	29.0	1.1	29.2		11	76	-80	2		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1016.6	29.3	1.4	29.2		14	92	-92	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.
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1016.6	28.4	.8	28.3		11	132	-10	3		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1016.8	28.4	.7	27.6		9	99	-63	5		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1016.8	28.6	1.1	29.8		8	81	-92	1		
72211 TAMPA/INT., FL.	2758N	08232W	3			1016.4	29.0	1.0	27.6		9	86	-81	1		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1016.3	28.3	.9	27.1		14	302	78	4		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1016.2	28.6	1.3	26.4		13	181	72	5		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1016.1	27.7	.6	28.0		12	130	23	4		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1016.5	26.3	.3	25.9		18	372	245	6		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1015.6	27.8	-.1	26.9		13	412	238	6		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1015.8	27.6	.2	27.0		19	180	49	5		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1015.6	28.7	1.0	28.6		17	271	116	5		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1015.8	27.4		27.1		16	246		5		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1015.3	28.1	.6	25.0		9	117	3	3		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1015.9	28.5	.6	26.9		17	162	30	4		
72242 GALVESTON, TX.	2918N	09448W	16			1015.1	30.1	1.6	29.0		8	102	2	5		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1014.8	29.1	1.0	26.8		9	135	44	5		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1014.8	29.0	.8	24.4		9	117	24	4		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1013.5	30.0	.8	27.1		5	85	37	5		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1013.9	29.4	.5	27.8		5	47	-13	4		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1013.5	29.6	.2	24.8		6	53	-1	4		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1013.9	29.2	.0	23.9		8	70	19	3		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1014.6	29.2	.3	26.6		12	104	20	4		
72256 WACO,MADISON-COOPER, TX.	3137N	09713W	155			1014.3	29.5	-.3	22.9		5	28	-22	5		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1014.3	29.5	-.1	21.5		4	19	-39	2		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1013.6	28.3	.1	20.0		6	31	5	4		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1012.7	27.5	-.3	17.6		4	66	23	4		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1013.9	28.1	-.8	21.1		9	62	9	4		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1013.1	26.3	-.4	19.6		6	61	1	4		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1009.6	29.8	1.9	12.8		3	17	-22	2		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1009.0	32.6	2.3	13.5		6	20	-40	1		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1007.4	36.3	2.1	13.6		2	4	-17	2		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1013.0	21.1	-.6	17.6							
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1012.4	20.4	-.2	6.6		0	0	-1	4		
72304 CAPE HATTERAS, NC.	3516N	07533W	3				26.6	.9			8	231	105	5		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1016.4	27.9	2.3	24.9		11	194	93	5		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1015.9	27.2	1.5	28.5		8	93	-35	2		
72310 COLUMBIA, SC.	3357N	08107W	69			1016.3	27.8	.7	26.8		17	302	163	5		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1016.1	26.4	.7	25.1		10	225	108	5		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1016.6	26.4	.1	25.1		7	78	-21	5		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1017.3	23.6	.9	22.7		15	261	147	6		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1016.6	26.6	1.7	26.5		11	136	22	4		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1016.2	26.7	.8	25.0		14	154	31	4		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1015.9	25.7	.9	25.7		11	127	9	4		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1015.7	27.2	.9	22.7		9	61	-39	2		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				26.9				6	164		4		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141			1014.9	27.8	.3	22.5		5	56	-19	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.
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1013.8	28.8	-6	22.4		3	38	-5	3		
72360 CLAYTON/MUN., NM.	3627N	10309W	1515			1013.6	24.5	1.0	13.0		1	7	-61	0		
72365 ALBUQUERQUE/INT.,NM.	3503N	10637W	1620			1011.3	27.4	1.6	10.0		3	26	-8	3		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664			1007.6	35.2	2.4	8.6		2	23	15	5		
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100			1010.0	30.5	2.8	6.5		0	0	-1	5		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1016.4	27.5	1.9	26.4		9	236	109	5		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1016.1	27.0	.3	23.3		10	154	58	3		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1015.7	25.5	.5	23.1		10	223	130	6		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1016.3	25.0	1.3	23.5		11	113	16	4		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1015.7	26.0	1.2	21.0		10	112	4	4		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1017.2	25.4	1.2	22.6		9	126	27	5		
72412 BECKLEY(RALEIGH CTY.MUN),WV.	3747N	08107W	766			1016.8	22.3	1.4	21.1		16	127	8	4		
72414 CHARLESTON/KANAWHA.,WV.	3822N	08136W	299			1016.0	25.0	1.1	22.7		11	125	-1	5		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1015.6	25.1	1.2	21.1		7	44	-63	1		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1016.0	25.4		21.4		8	78		2		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1015.5	26.4	1.3	22.1		7	77	-37	3		
72425 HUNTINGTON, WV	3822N	08233W	255			1015.8	26.0	2.3	22.5		16	117	-1	3		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1015.8	25.0	2.1	20.5		10	46	-63	5		
72429 DAYTON/ COX, OH	3952N	08407E	306			1016.6	23.9	.5	20.7		9	50	-39	2		
72432 EVANSVILLE/REG., IN.	3803N	08732W	118			1015.7	25.4	-4	23.9		10	69	-33	3		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1015.0	26.7	.1	21.6		8	56	-41	2		
72438 INDIANAPOLIS/I.-MUN/WEL.,IN.	3944N	08616W	246			1016.0	24.6	.5	20.8		12	76	-37	2		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1015.7	24.8	.1	21.2		7	68	-21	3		
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274			1015.6	26.5	1.3	19.0		2	16	-77	1		
72476 GRAND JUNCTION/WALKER F.,CO.	3907N	10832W	1475			1010.4	26.7	.7	7.8		3	14	-2	4		
72483 SACRAMENTO/EXECUTIVECA.	3831N	12130W	8			1010.4	26.0	1.7	15.0		0	0	-1	5		
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1011.8	21.4	1.7	6.5		2	6	-11	2		
72488 RENO/INT., NV.	3930N	11947W	1341			1012.3	26.7	4.7	6.5		2	15	8	5		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1013.1	18.0	.9	14.3							
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1015.4	25.8	1.1	20.7		6	59	-44	2		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1015.7	23.4	.8	19.7		5	26	-54	1		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1015.4	23.5	.3	21.2		6	188	107	5		
72509 BOSTON/LOGAN INTL., MA	4222N	07102W	9			1015.3	22.9	-2	18.8		5	86	14	4		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1015.5	24.0	1.9	20.3		7	56	-40	2		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1016.7	22.0	1.3	18.3		8	46	-42	1		
72517 ALLENTOWN/A.-BETHLEHEM-,PA.	4039N	07526W	117			1015.8	24.2	.8	20.9		12	107	2	5		
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124			1015.2	23.6	2.3	20.5		11	117	21	4		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1016.2	23.5	1.3	20.3		9	155	52	5		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1016.4	22.5	1.2	20.1		7	81	-22	2		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1015.6	23.8	2.1	20.3		6	46	-32	2		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1015.6	22.7	1.5	20.4		6	86	18	3		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1015.7	24.2	1.3	18.2		5	50	-43	1		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1015.6	25.5	1.3	18.9		4	61	-45	2		
72533 FORT WAYNE/MUN.,BAER FL.,IN.	4100N	08512W	252			1016.3	23.9	.6	20.6		8	132	45	5		
72535 SOUTH BEND/ST.JOSEPH CO.,IN.	4142N	08619W	236			1016.3	23.5	.8	19.9		12	88	-9	3		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1015.9	23.8	1.5	19.9		10	128	45	5		

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1016.0	24.0	1.6	19.7		13	137	57	5		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1015.4	25.1	1.1	18.7		6	36	-89	1		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1014.9	25.3	.5	23.2		10	82	-14	4		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1013.9	25.3	1.2	20.4		7	40	-41	2		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1014.5	25.2	.9	23.4		8	123	40	5		
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1013.1	25.0	1.7	17.1		4	32	-45	2		
72564 CHEYENNE, WY.	4109N	10449W	1872			1012.9	22.1		9.4		8	51		4		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1012.0	22.6	1.0	9.3		3	35	3	5		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1010.6	27.2	1.7	9.9		0	T	-020	1		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1012.1	23.5	1.8	8.4		2	8	-12	2		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1013.3	21.9	.5	6.5		3	6	-10	4		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1012.1	23.9	1.6	6.5		0	0	-6	1		
72594 EUREKA, CA.	4048N	12410W	18				13.9	.0			01	1	-2	4		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1013.7	24.7		11.4		2	2		4		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1015.3	21.3		19.2		8	68		3		
72606 PORTLAND/INTNL, JET PORT, ME	4339N	07019W	19			1015.1	20.7	.4	18.1		8	72	-6	3		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1014.8	22.5	1.1	18.6		10	133	41	5		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1016.1	22.6	.6	19.4		9	72	-9	3		
72636 MUSKOGON/COUNTY, MI.	4310N	08615W	193			1016.1	22.3	1.0	18.9		9	52	-1	5		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1016.2	22.2	.8	19.8		10	138	70	5		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1015.9	22.5	.9	19.1		10	66	-22	2		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1015.8	22.3	.6	19.0		9	100	14	4		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1015.9	22.4	.8	20.5		7	130	24	4		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1015.8	21.3	.4	17.8		5	37	-41	5		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1013.4	23.9	.4	21.5		7	117	49	5		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1012.8	24.6	1.0	19.9		7	36	-31	2		
72658 MINNEAPOLIS/ST.PAUL INTL,MN.	4453N	09313W	255			1014.5	24.9	1.8	18.4		7	75	-14	3		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1012.7	24.5	2.2	12.8		6	23	-28	2		
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1012.3	22.1	1.2	11.7		3	26	4	4		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1012.1	23.5	1.0	10.1		4	45	22	5		
72681 BOISE/MUN., ID.	4334N	11613W	874			1011.6	25.8	2.5	8.6							
72688 PENDLETON, OR.	4541N	11851W	456			1012.9	23.1	.4	6.5		1	5	-3	3		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1016.5	21.3	1.2	14.2		4	10	-6	4		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1014.2	19.0	.4	15.2		8	104	3	3		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1015.2	20.2	2.5	15.4		9	78	10	4		
72745 DULUTH/INT.,MN.	4650N	09211W	432			1015.3	19.8	.9	18.0		6	21	-70	0		
72747 INT.FALLS/FALLS INT.MN.	4834N	09323W	361			1014.0	18.9	-.4	17.5		11	88	-3	3		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1013.2	21.8	.1	19.0		9	27	-41	2		
72764 BISMARCK/MUN.,ND.	4646N	10045W	506			1012.4	22.4	1.1	17.1		9	67	13	4		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1012.5	21.7	.2	15.6		8	42	-11	4		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1011.8	22.5	.9	13.4		3	8	-35	2		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1014.2	22.5	1.8	9.5		1	2	-25	1		
72773 MISSOULA/JOHNSON-BELL F.,MT.	4655N	11405W	972			1014.5	20.6	1.3	9.1		1	4	-19	1		
72781 YAKIMA/YAKIMA AIR TERM.,WA.	4634N	12032W	325			1013.5	21.7	.6	6.6		1	3	-1	4		
72785 SPOKANE/INT.,WA.	4738N	11732W	721			1013.5	21.3	.9	9.2		3	28	11	5		
72792 OLYMPIA, WA.	4658N	12254W	61			1017.3	17.7	.5	13.2		5	24	4	5		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
72793 SEATTLE/S.-TACOMA, WA.	4727N	12218W	137			1018.0	18.7	.3	6.6		4	26	7	4		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1017.8	15.3		13.7		11	119		5		
CANADA																
71066 HIGH LEVEL, ALTA	5837N	11710W	338		968.9	1009.6	15.8	-.4	12.4		12	50	-11	2		
71069 SLAVE LAKE, ALTA	5518N	11447W	581		943.2	1011.8	15.2	-.5	13.0		11	81	-15	2		
71078 LYNN LAKE, MAN.	5652N	10105W	357		966.9	1009.7	16.1	.3	12.3		13	201	124	6	277	100
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204		982.5	1009.4	15.9	.2	13.0		12	210	126	5		
71101 SANDSPIT,B.C.	5315N	13149W	6		1014.2	1015.0	15.1	1.0	12.5		11	42	-2	4		
71109 PORT HARDY,B.C.	5041N	12722W	22		1015.0	1017.6	14.6	.9	13.6		14	154	98	6		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40		1009.6	1014.4	14.5	1.0	14.9		12	63	-43	1		
71600 SABLE ISLAND,N.S.	4356N	06001W	4		1015.7	1016.3	16.2	.7	16.4		6	55	-45	2		
71603 YARMOUTH, N.S.	4350N	06605W	43		1010.4	1015.6	16.8	.5	16.7		7	85	1	3	210	95
71727 BAGOTVILLE,QUE.	4820N	07100W	159		995.0	1014.1	19.4	1.4	14.9		10	56	-58	1		
71813 NATASHQUAN,QUE.	5011N	06149W	11		1010.3	1011.6	15.9	1.7	14.5		12	94	7	3		
71816 GOOSE,NFLD.	5319N	06025W	49		1003.9	1009.8	17.3	1.8	12.2		10	94	-25	3	262	130
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195		987.9	1011.5	16.4		13.1		11	127		5		
71828 SCHEFFERVILLE,QUE.	5448N	06648W	518		949.1	1010.9	14.2	1.8	11.1		13	58	-45	0		
71842 SIOUX LOOKOUT,ONT.	5007N	09154W	390		967.8	1014.0	19.7	1.1	15.5		9	121	28	5		
71867 THE PAS, MAN.	5358N	10106W	271		977.8	1010.0	18.6	.9	15.8		9	65	-4	4		
71869 PRINCE ALBERT,SASK.	5313N	10541W	428		960.1	1010.9	17.5	-.1	14.5		13	40	-32	1		
71905 KUUIJUARAPIK, QUE.	5517N	07746W	10		1008.7	1009.9	14.8	4.6	12.0		10	80	8	4		
71906 KUUIJUQAQ, QUE.	5806N	06825W	37		1002.9	1007.8	12.6	1.6	11.0		17	72	15	4		
71907 INUKJUAQ, QUE	5827N	07807W	6		1004.4	1007.6	9.6	.5	10.1		10	50	-5	3		
71945 FORT NELSON,B.C.	5850N	12235W	382		964.5	1010.2	15.7	-1.0	12.6		13	80	-3	3		
71950 SMITHERS,B.C.	5449N	12711W	523		953.1	1014.7	13.9	-1.0	11.5		16	78	33	5		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		927.9	1011.1	13.7	-.3	9.4		8	41	3	4		
MEXICO																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		854.1	1007.7	27.6		13.8		7	68		2		
76256 EMPALME, SON	2755N	11054W	11		1008.4	1009.7	31.6		21.6		3	49		2	334	
76311 CHOIX,SIN.	2643N	10817W	238		981.7	1008.1	31.9		29.4		8	257		3	225	
76342 MONCLOVA,COAH.	2653N	10125W	615		943.8	1011.3	30.8		22.2		6	41		4	244	
76373 TEPEHUANES, DGO	2521N	10547W	1967			1008.3	24.0				12	124			225	
76382 TORREON,COAH.	2532N	10327W	1124		889.2	1008.1	28.7		18.8		3	74		5	273	
76390 SALTILLO,COAH	2527N	10059W	1790		826.2	1011.5	20.8		15.6		11	116		4	261	
76393 MONTERREY,N.L.	2552N	10012W	512		954.7	1011.3	28.8		24.0		8	347		6	237	
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1006.9	1012.4	27.3		21.4		0	0		0	324	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1008.8	1010.9	29.6		22.3		0	0		0	328	
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1011.0	1011.4	28.6	-.1	30.8	.2	12	153	-59	5	201	90
76548 TAMPICO, TAMP	2213N	09751W	9		1010.5	1013.5	29.1	1.1	30.5	1.1	9	131	20	3	214	97
76556 TEPIC,NAY	2131N	10454W	922		910.8	1010.4	24.2		25.8		17	233		1	178	
76577 GUANAJUATO,GTO.	2101N	10115W	1999		805.4	1010.9	20.4	1.1	18.0	2.8	15	202	44	1	205	101
76634 TULANCINGO, HGO.	2005N	09822W	2181		787.3	1016.9	17.9		14.4		9	53		2	260	
76644 AEROP.INTERNACIONAL MERIDA,	2059N	08939W	9		1012.5	1013.7	28.1	.7	30.3	2.3	13	173	11	3	258	105

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
76654 MANZANILLO,COL.	1903N	10420W	3		1010.2	1010.6	28.6		30.9		10	104		2	177	165
76665 MORELIA,MICH.	1942N	10111W	1913		812.0	1010.2	20.3	1.8	17.1	2.1	19	261	85	5	206	149
76675 TOLUCA, MEX	1918N	09940W	2720		739.2	1011.0	14.6		13.0		22	207		5	204	
76680 MEXICO (CENTRAL), D.F.	1924N	09912W	2308		776.2	1010.6	18.4	2.2	14.6	1.7	13	161	-22	1	184	128
76685 PUEBLA, PUE.	1903N	09810W	2179		787.0	1009.7	18.0		13.7		12	103		3	222	
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1011.4	1013.4	28.3	.7	30.1	.7	13	268	-143	2	252	123
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1013.0	1014.2	30.0		30.5		12	150		3	238	
76750 CHETUMAL,Q.ROO	1829N	08818W	9		1011.7	1012.7	29.0		30.7		13	120		2	202	175
76805 ACAPULCO,GRO.	1650N	09956W	13		1010.5	1010.9	28.7	.2	30.8	-5	11	318	109	4	260	117
76848 COMITAN,CHIS.	1615N	09208W	1530		838.4	1007.8	19.4		17.7		14	173		4	222	
76903 TAPACHULA, CHIS.	1455N	09216W	182		998.4	1011.8	27.3		29.0		24	339		4	142	175
BAHAMAS																
78073 NASSAU AIRPORT	2503N	07728W	7		1016.4	1017.2	30.1	2.2	31.8	2.8	6	54	-103	1	303	111
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1013.8	1013.9	29.0		32.7		10	297			245	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1011.2	1013.8	29.2				8	438		6	224	
HAITI																
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1011.7	1013.4	30.4	2.8	28.1		7	44	-61	2		
PUERTO RICO AND US POSS																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1015.8	28.8	.7	30.3		23	216	105	6		
BELIZE																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1012.2	1012.7	28.8	1.0	32.2		12	110	-133	1	252	110
NICARAGUA																
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1004.5	1010.7	27.4		28.8		14	0105		0	217	
COSTA RICA																
78762 JUAN SANTAMARIA	1000N	08413W	939		908.6	1009.5	22.5	.5	22.1		15	130	-51	2		
78767 PUERTO LIMON	1000N	08303W	3		1010.2	1010.6	25.9	.7	27.3		20	370	-38	3	170	142
ST.MAARTEN, ST.EUST., SABA																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1016.3	1016.8	28.6	.6	27.3	-1.1	19	212	136	6	236	92
ST.MARTIN, ST.BARTH., GUAD.																

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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.
78897 LE RAZET, GUADELOUPE	1616N	06131W	11		1014.2	1015.5	27.7	.1	30.4		15	169	19	5	205	90
MARTINIQUE																
78925 LE LAMENTIN	1436N	06100W	7		1014.0	1014.9	27.9	.7	29.9	.8	23	230	27	4	203	83
BARBADOS																
78954 GRANTLEY ADAMS	1304N	05929W	56		1008.2	1014.7	28.1		30.7		18	0111		2	222	
TRINIDAD AND TOBAGO																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1011.6	1014.1	27.1	.9	29.6	1.2	20	328	62	4	210	102
CURACAO AND BONAIRE																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1012.5	1013.4	28.5	.4	29.7	.4	3	9	-25	1	291	104
COLOMBIA																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1011.9	1012.0	28.5	.7	32.7	1.6	17	248	44	5	212	115
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				28.4		31.1		22	231		5	210	100
S AMERICA																
COLOMBIA																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.4	1009.9	29.9	1.2	30.0	.9	7	14	-41	2	237	105
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.7	1009.9	29.1	1.0	32.0	1.6	3	44	-50	1	203	94
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1008.5	1010.2	28.4	.3	31.8	1.9	7	140	70	4	239	112
80084 APARTADO/LOS CEDROS	0748N	07642W	20				28.1		31.9		16	593			138	105
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.4	.2	29.3	1.0	13	271	94	4	228	105
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		882.0		22.1		21.4		11	65	-24	1	173	100
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		975.1	1009.0	28.5	.6	22.8	.1	9	45	13	4	231	116
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		992.7	1007.2	26.2	.7	28.5	.6	14	206	-64	3	178	124
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142				17.1		15.1		11	156			238	100
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55				27.2	1.0	26.8	.3	20	388	-54	5	130	92
80144 QUIBDO/EL CARANO	0543N	07637W	53				27.3	.7	29.9	.1	28	428	-342	5	145	105
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.6		22.5	.7	19.8	.8	13	137	13	1	219	118
80214 IBAGUE/PERALES	0426N	07509W	928				25.3	.8	20.5	.4	5	41	-31	2	281	143
80222 BOGOTA/ELDORADO	0442N	07408W	2546		754.0		13.3	.2	11.8	.2	8	22	-19	2	166	117
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		962.6	1012.0	24.6	.7	24.7	.5	24	562	158	4	117	106
80259 CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		905.4		24.1		21.6		6	43	15	5	209	110
80315 NEIVA/BENITO SALAS	0258N	07518W	443		959.4	1007.8	28.7	.5	22.2	1.9	1	9	-35	2	169	96
80370 IPIALES/SAN LUIS	0049N	07738W	2961		716.7		10.5	.7	10.3	.1	8	25	-23	1	163	124
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		1006.4	1015.9	25.4	.4	26.5	-.7	5	52	-120	0	206	107

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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.
VENEZUELA																
80403 CORO	1125N	06941W	17				29.9	1.5	28.1		3	14	-21	1	292	102
80407 MARACAIBO-LA CHINITA	1034N	07144W	65		1005.8	1013.4	29.4	.9	29.4		2	13	-13	2	232	95
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		961.1	1011.8	24.6	.3	29.2		18	193	64	5	150	68
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1007.2	1012.6	28.5	2.1	29.8		9	35	-22	2	213	88
80416 CARACAS/LA CARLOTA	1030N	06653W	835		919.9				23.0		11	119	-2		170	81
80420 CUMANA	1027N	06411W	4		1012.6	1013.2	27.3		28.9		10	94			212	95
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19		1011.0	1013.2	28.5		30.7		5	52			264	105
80423 GUIRIA	1035N	06219W	14				26.4	-.5	27.8		18	231	105	5	187	93
80425 MENE GRANDE	0949N	07056W	28				28.9	1.3	30.7		11	140	38	5	250	111
80426 VALERA	0921N	07037W	582				25.8		24.4		10	60			203	100
80427 ACARIGUA	0933N	06914W	225				24.9	.0	25.3		17	189	-29		165	91
80428 GUANARE	0901N	06944W	163				25.7	1.0	28.5		17	164	-102		168	101
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429				24.1		26.1		24	390			140	70
80432 CARRIZAL	0925N	06655W	161		991.6	1009.7	25.4		27.9		19	500			143	60
80434 VALLE DE LA PASCUA	0913N	06601W	125		993.8	1008.5	25.8		28.7		16	120			193	
80435 MATURIN	0945N	06311W	66		1005.5	1013.0	26.3	.7	28.7		22	402	187	6		
80437 EL VIGIA	0838N	07139W	103				28.1		24.2		11	82			167	
80438 MERIDA	0836N	07111W	1498			1512 Y	20.9	1.6	15.8		12	54	-65	1	220	103
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378				28.7	1.9	18.5		7	19	-7	2	191	103
80448 GUASDUALITO	0714N	07048W	131				25.7	.8	28.6		18	202	-84		161	109
80450 SAN FERNANDO DE APURE	0754N	06725W	48				26.3	.6			19	213	-63	2		
80453 TUMEREMO	0718N	06127W	181				22.7	-2.2	26.7		18	184	11	4	196	105
80457 PUERTO AYACUCHO	0536N	06730W	74		1006.7		25.8	.7	21.9		17	371	-27	3	138	95
80462 SANTA ELENA DE UAIREN	0436N	06107W	907				21.1	.5	22.6		25	424	195	5	100	52
80472 VALENCIA	1010N	06756W	431				24.2		24.9		16	144			161	
80475 STO.DOMINGO (B.A.)	0735N	07204W	327				24.2				21	347			147	115
GUYANA																
81001 GEORGETOWN	0648N	05809W	2				27.3	.7	30.4	.9	21	381	113	4	172	86
81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1010.6	1014.2	27.2	1.8	29.5	1.4	21	232	-54	1	140	
FRENCH GUIANA																
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1013.2	1013.8	27.0		28.6		20	150	-94	1	183	85
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1012.7	1013.5	26.8				21	243	39	4		
81415 MARIPASOULA	0338N	05402W	106		1000.2	1012.2	27.3		28.0		22	201	-17	2	166	81
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				26.5		28.8		24	339		5	169	
82098 MACAPA	0002N	05103W	15		1011.6	1013.5	27.0	.9	30.1		16	195	11	4	224	99
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90				25.3		25.9		18	127		0	139	
82113 BARCELOS	0059S	06255W	40				26.3	.7	28.8		11	170	8	3	169	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.
82191 BELEM	0127S	04828W	10		1011.9	1012.5	27.3	1.5	31.2		10	178	26	4	269	107
82212 FONTE BOA	0232S	06610W	56		1005.8	1014.1	26.2		32.8		9	111		2	156	
82246 BELTERRA	0238S	05457W	176		993.6	1013.3	25.8	1.6	30.0		10	139	46	5		
82280 SAO LUIZ	0232S	04418W	51		1007.9	1013.7	26.3	.6	30.2		10	166	29	4		
82397 FORTALEZA	0346S	03836W	26		1012.1	1015.2	26.1	.4	27.0		7	49	-42	3	282	107
82410 BENJAMIN CONSTANT	0423S	07002W	65				26.0		28.4		5	16		1	158	
82445 ITAITUBA	0416S	05559W	45		1010.0	1015.2	28.0	1.6	31.9		5	63	-4	3		
82533 MANICORE	0549S	06118W	50		1006.4	1012.0	26.7		38.6		2	56		4	174	
82562 MARABA	0521S	04909W	95		1011.9	1012.5	29.2	2.9	22.8		0	T	-20	2		
82571 BARRA DO CORDA	0530S	04516W	153		996.4	1013.9	26.3	1.6	22.6		0	T	-14	3		
82578 TERESINA	0505S	04249W	74		1005.2	1015.4	26.4	.4	24.8		1	5	-7	3	311	105
82586 QUIXERAMOBIM	0512S	03918W	212		985.6	1009.3	25.8	.5	23.4		4	38	-7	3	182	75
82598 NATAL	0546S	03512W	45		1010.8	1016.0	25.0		27.7		13	115		2	263	125
82678 FLORIANO	0646S	04301W	123		1000.4	1016.2	28.2	3.2	18.8		0	0	-20	0	307	105
82704 CRUZEIRO DO SUL	0738S	07240W	170		990.4	1009.9	24.8		23.7		2	11		0	240	
82765 CAROLINA	0720S	04728W	192		992.9	1016.9	27.8	1.4	20.4		0	0	-9	3		
82784 BARBALHA	0719S	03918W	409		969.9	1016.8	24.3	.5	20.3		1	2	-9	2	277	110
82791 PATOS	0701S	03716W	249		988.1	1016.2	26.2		20.6		0	T		0	264	105
82825 PORTO VELHO	0846S	06305W	95		1003.8	1010.3	24.8	.8	22.9		0	0	-22	1	251	115
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		993.8	1010.6	27.8	2.4	22.3		0	0	-18	2		
82900 RECIFE (CURADO)	0803S	03455W	7		1016.2	1017.1	24.2	.2	25.6		21	183	-202	1	218	129
82915 RIO BRANCO	0958S	06748W	136		996.2	1014.7	22.6	-8	22.5		1	6	-36	1	258	127
82983 PETROLINA	0923S	04029W	370		975.1	1016.9	24.2	-5	18.3		1	4	-9	4		
83064 PORTO NACIONAL	1031S	04843W	250		985.9	1013.3	26.2	.8	19.6		0	0	-5	4		
83096 ARACAJU	1055S	03703W	6		1016.8	1017.5	24.6	.0	24.7		20	210	4	4	190	95
83186 JACOBINA	1111S	04028W	484		963.5	1017.8	21.0	-2	19.5		2	28	-13	2	163	98
83229 SALVADOR	1301S	03831W	51		1013.3	1019.3	23.7	.1	25.0		18	204	1	4	152	84
83235 TAGUATINGA	1216S	04626W	660		947.9	1014.7	24.2	.8	15.3		0	0	-2	4	271	101
83236 BARREIRAS	1209S	04500W	440		965.9	1015.4	22.5	.3	15.6		01	0020	0019	4	279	100
83242 LENCOIS	1234S	04123W	438		969.9	1019.3	20.7	-2	20.3		12	58	-7	3	167	114
83264 VERA (GLEBA CELESTE)	1212S	05630W	415		972.0	1018.8	24.1	2.2	18.6		0	0	-2	1	293	115
83288 BOM JESUS DA LAPA	1316S	04325W	440		966.8	1016.1	24.0	.3	16.7		0	0	-1	0	289	105
83332 POSSE	1406S	04622W	950		924.9	1015.6	22.3	.4	15.5		0	0	-4	4	184	70
83344 VITORIA DA CONQUISTA	1457S	04053W	893		922.1	1020.4	16.5	-1.3	16.2		8	18	1	2	110	67
83361 CUIABA	1533S	05607W	179		996.5	1017.8	23.8	1.8	20.3		0	0	-9	0	253	102
83377 BRASILIA	1547S	04756W	1158		890.6	1016.7	19.1	.0	12.3		0	0	-11	3	280	106
83423 GOIANIA	1641S	04917W	729		934.4	1016.1	22.4	1.6	15.3		0	0	-6	3		
83437 MONTES CLAROS	1643S	04352W	646		945.7	1018.3	19.9	.5	14.6		0	T	-3	3	287	111
83492 TEOFILO OTONI	1751S	04130W	356		980.3	1019.4	20.0	.5	18.7		5	56	28	5	161	99
83498 CARAVELAS	1744S	03915W	3		1021.0	1021.5	22.0	-2	25.2		7	58	-52	1	149	77
83552 CORUMBA	1900S	05739W	130		999.8	1017.8	21.6	-2	16.2		3	13	-16	3		
83579 ARAXA	1934S	04656W	1004		906.6	1019.8	18.3	.8	14.2		2	7	-13	3	262	103
83587 BELO HORIZONTE	1950S	04356W	850		917.7	1019.3	19.0	.9	13.5		2	65	50	4	223	87
83592 CARATINGA	1948S	04209W	609		951.8	1021.4	17.4	-6	17.6		2	138	124	3	190	95
83618 TRES LAGOAS	2047S	05138W	313				20.4	1.0			2	16	-13	2	201	87
83648 VITORIA	2019S	04020W	36		1017.2	1021.9	21.9	.2	20.4		8	96	18	4		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
83676 CATANDUVA	2108S	04858W	536				19.5	.4			2	39	17	4	213	88
83698 CAMPOS	2145S	04120W	11		1020.5	1021.9	21.0	.9	20.2		7	58	28	4		
83702 PONTA PORA	2232S	05544W	650		942.4	1020.5	15.4	-1.0	13.3		4	22	-33	2	222	105
83766 LONDRINA	2323S	05111W	566		955.8	1022.2	16.7	.1	15.7		8	42	-26	3	221	112
83781 SAO PAULO	2330S	04637W	792		930.9	1020.6	17.0	1.2	13.7		3	14	-30	2		
83836 IRATI	2528S	05038W	837		921.4	1019.9	12.3		12.4		6	61		2	178	
83842 CURITIBA	2526S	04916W	923		917.1	1021.2	14.0	1.2	12.9		8	104	15	3	191	130
83881 IRAI	2711S	05314W	247		990.4	1021.3	14.1	.7	13.6		5	80	-41	1	187	115
83897 FLORIANOPOLIS	2735S	04834W	2		1020.3	1020.6	17.0	.7	16.1		7	76	-18	3	208	123
83967 PORTO ALEGRE	3001S	05113W	47		1015.5	1021.5	14.9	.4	14.0		7	58	-63	1	173	117
83980 BAGE	3120S	05406W	217		991.1	1019.7	12.6	.1	12.2		6	59	-81	1	183	134
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1016.7	1021.1	12.6	1.3	13.2		4	110	-10	3	161	112
PERU																
84370 TUMBES	0333S	08024W	27		1008.3	1010.9	23.6		22.3							
84377 IQUITO	0345S	07315W	126		1003.0	1013.7	25.0		25.2		7	286	105	5		
84401 PIURA	0511S	08036W	55		1008.1	1015.0	21.0		19.0							
84452 CHICLAYO	0647S	07950W	34		1014.6	1017.6	19.2		16.5							
84455 TARAPOTO	0627S	07623W	282		985.9	1021.2	26.7		24.8		4	43	-15	2		
84501 TRUJILLO	0806S	07902W	30		1012.3	1016.3	18.0		20.6							
84515 PUCALLPA	0825S	07436W	149		996.7	1014.9	25.8		25.0							
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1013.6	1015.2	16.5		15.2							
84686 CUZCO	1333S	07159W	3249		689.8		9.9		4.8		1	2	-1	4		
84691 PISCO	1345S	07617W	7		1013.6	1014.3	16.6		16.1							
84735 JULIACA	1529S	07009W	3826		646.9		5.4		6.8							
84752 AREQUIPA	1619S	07133W	2539		755.6		13.8		2.9							
84782 TACNA	1804S	07018W	469		964.6	1016.1	14.3		13.0							
CHILE																
85406 ARICA	1821S	07020W	55		1012.6	1017.1	15.7	.1	13.0	-8					123	95
85418 IQUIQUE	2032S	07011W	48		1011.3	1017.1	15.1	-.1	12.4	-9					167	100
85442 ANTOFAGASTA	2326S	07027W	140		1000.6	1017.7	13.2	-2	12.1	.0					203	95
85469 ISLA DE PASCUA	2710S	10926W	69		1011.4	1019.6	18.1		15.5		12	220		5	142	90
85470 COPIAPO	2718S	07025W	290								1	18	12	3	174	80
85488 LA SERENA	2955S	07112W	146		1002.2	1018.3	10.8	.1	10.9	.1	1	3	-27	2	178	105
85574 PUDAHUEL	3323S	07047W	474		963.1	1019.8	8.3		8.5		3	19		1	153	115
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		957.6	1019.1	9.0		9.7		3	28		2	128	105
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1015.5	1019.1	12.4		11.8		12	168		3	122	135
85629 CURICO	3458S	07113W	220								7	96	-70	2	102	115
85672 CHILLAN	3635S	07202W	148								10	175	-45	2	106	95
85682 CONCEPCION	3646S	07304W	13		1017.6	1018.7	9.3	.5	10.1	.2	10	166	-56	2	127	95
85743 TEMUCO	3846S	07238W	93		1007.7	1019.3	7.2	.0	9.3	.3	13	122	-46	2	88	110
85766 VALDIVIA	3938S	07305W	19								15	205	-107	2	57	85
85782 OSORNO	4036S	07303W	58								16	176	-21	3		
85799 PUERTO MONTT	4126S	07306W	90		1007.8	1018.9	7.2	.6	9.7	.9	19	213	-15	3	50	70

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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.
85864 COYHAIQUE	4536S	07206W	311		978.7	1016.9	1.3	-7	5.6	-2	8	39	-121	1	90	110
85934 PUNTA ARENAS	5300S	07051W	43		1003.4	1008.5	2.1	1.0	5.1	-4	2	4	-26	1		
PARAGUAY																
86011 BASE 5 "GRAL A.JARA"	1932S	05922W	150		1001.8	1019.4	19.6		14.4		1	3		2		
86033 BAHIA NEGRA	2013S	05810W	96		1008.1	1018.2										
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	181		997.9	1016.4	18.9	-4	13.7	.2	0	0	-14	0		
86086 PUERTO CASADO	2217S	05752W	87		1008.8	1018.6	18.5	-1.4	15.5	-6	3	9	-18	2		
86097 PEDRO JUAN CABALLERO	2235S	05539W	662		954.7	1018.5	16.4		13.0		3	19		4		
86134 CONCEPCION	2325S	05718W	74		1008.9	1018.4	17.4	-1.3	14.5	-9	4	52	10	4		
86185 SAN PEDRO	2404S	05705W	80		1009.4	1018.9	16.6		14.0		4	18		2		
86210 SALTOS DEL GUAIRA	2403S	05419W	0		984.1	1020.0										
86218 ASUNCION/AEROPUERTO	2516S	05738W	101		1009.2	1019.0	17.0	-9	13.7	-9						
86233 VILLARRICA	2545S	05626W	161		998.8	1017.6	16.4	-6	13.8	-8	3	9	-58	1		
86246 AEROPUERTO INT GUARANI	2527S	05451W	236		991.9	1019.6	15.5		14.2		5	67		3		
86248 CIUDAD DEL ESTE	2532S	05436W	196		996.9	1018.7	15.9	-5	14.5	-3	5	72	-18	3		
86255 PILAR	2625S	05819W	56		1012.0	1018.4	15.5	-1.0	14.2	-3	2	14	-43	1		
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		1003.2	1018.3										
URUGUAY																
86330 ARTIGAS	3023S	05630W	120		1005.1	1019.6	13.6	.5	12.7	1.3	4	24	-78	1	210	121
86350 RIVERA	3053S	05532W	241		990.5	1019.2	13.1		12.1		3	40		2	205	130
86360 SALTO	3123S	05757W	33		1014.0	1019.1	13.0	1.0	13.3	2.3	20	38	-35	4	191	122
86430 PAYSANDU	3220S	05802W	61		1012.8	1019.9	12.9		12.5		6	0050		2	184	
86440 MELO	3222S	05413W	100		1007.2	1019.6	12.1	.6	12.2	1.0	4	32	-97	1	169	111
86460 PASO DE LOS TOROS	3248S	05631W	75		1009.7	1018.9	12.2	.8	12.4	1.3	5	37	-76	1	147	102
86490 MERCEDES	3315S	05804W	17		1016.9	1019.1	11.4	.3	11.9	.5	5	52	-18	3	143	95
86500 TREINTA Y TRES	3313S	05423W	46		1013.7	1019.4	12.2	.9	12.3	2.0	4	44	-89	1	143	108
86560 COLONIA	3427S	05750W	23		1015.2	1018.9	11.8	.4	11.7	1.0	5	101	32	5	112	79
86565 ROCHA	3429S	05418W	18		1016.7	1019.0	11.7	.8	11.6	.0	20	47	-60	0	141	103
ARGENTINA																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459		673.0	3137 Z	4.3	.5	1.9	-7					289	
87016 ORAN AERO	2309S	06419W	357		974.4	1016.0	16.2	1.8	12.0	-1.0					217	
87022 TARTAGAL AERO	2239S	06349W	450		965.3	1016.4	14.8		11.9						236	
87046 JUJUY AERO	2423S	06505W	905		914.1	1512 Y	12.7		9.1		1	5		4	218	110
87047 SALTA AERO	2451S	06529W	1221		881.5	1523 Y	10.2	.1	8.3	.0	1	2	-1	3	217	125
87097 IGUAZU AERO	2544S	05428W	270		988.7	1020.5	15.1		14.6		7	63		2	192	
87121 TUCUMAN AERO	2651S	06506W	450		965.2	1017.6	13.0		10.2						214	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		994.5	1018.4	12.8	.2	9.2	-8	01	1	-2	2	236	
87148 PRESIDENCIA ROQUE SAENZ PENO	2644S	06029W	93		1006.3	1017.6	14.4		11.7		01	1		1	246	
87155 RESISTENCIA AERO.	2727S	05903W	52		1012.5	1018.7	15.1		13.3		2	4		1	202	
87162 FORMOSA AERO	2612S	05814W	60		1011.3	1018.4	16.3	-5	14.1	-8	01	1	-48	1	252	131
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		927.5	1546 Y	13.4		11.7		5	139			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.
87166 CORRIENTES AERO.	2727S	05846W	62		1012.0	1019.4	15.5	-.1	13.7	-.4	1	3			255	137
87178 POSADAS AERO.	2722S	05558W	125		1004.9	1019.7	16.3	.1	13.5	-.8	6	49			223	
87213 CHILECITO AERO	2914S	06726W	945		912.8	1537 Y	11.6		9.3						202	
87217 LA RIOJA AERO.	2923S	06649W	429		966.2	1017.5	11.3	.4	8.0	-.3					212	104
87222 CATAMARCA AERO.	2836S	06546W	454		962.8	1015.8	12.6		7.9		2	3			212	115
87257 CERES AERO	2953S	06157W	88		1008.1	1018.7	12.5	.1	12.0	.6	3	24	6	4	211	124
87270 RECONQUISTA AERO	2911S	05942W	53		1012.9	1019.3	14.4	.6	12.6	-1.0	1	4			235	136
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1011.4	1019.8	14.2	.6	13.0	.0	2	18			208	170
87311 SAN JUAN AERO	3134S	06852W	598		949.4	1019.9	8.3		5.7						227	105
87320 CHAMICAL AERO	3022S	06617W	461		963.5	1017.5	12.2	.5	8.9	.4					214	
87328 VILLA DOLORES AERO	3157S	06508W	569		951.9	1018.2	11.3	.7	8.6	.9	3	13	3	5	203	104
87344 CORDOBA AERO	3119S	06413W	474		963.0	1018.7	11.3	.9	9.1	.4	4	20	6	5	183	104
87349 PILAR OBSERVATORIO	3140S	06353W	338		979.0	1019.2	10.7	.4	9.6	.9	4	20	5	4	196	108
87374 PARANA AERO	3147S	06029W	78		1009.9	1019.4	12.2	.7	11.8	.7	4	25			186	109
87393 MONTE CASEROS AERO	3016S	05739W	54		1013.4	1019.9	14.1	.7	13.0	.3	2	7			209	125
87395 CONCORDIA AERO	3118S	05801W	38		1015.0	1019.9	13.4	.6	12.9	.7	5	50			106	
87418 MENDOZA AERO	3250S	06847W	704		936.8	1018.8	8.9	1.2	7.0	.4	1	4			212	116
87436 SAN LUIS AERO	3316S	06621W	713		935.9	1019.0	10.0	.6	7.4	.4	2	7			213	104
87448 VILLA REYNOLDS AERO	3344S	06523W	486			1019.7	8.5	.6	7.9	.4	4	12			177	104
87453 RIO CUARTO AERO	3307S	06414W	420		968.9	1019.3	9.5	.3	8.4	.4	1	5			147	91
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1005.2	1019.0	10.2	.3	10.2	.1	7	19			163	110
87480 ROSARIO AERO	3255S	06047W	25		1015.6	1018.6	11.2	.9	11.4	.8	3	33			176	109
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1016.6	1019.1	11.7	.7	11.7	.7	3	30			133	98
87506 MALARGUE AERO	3530S	06935W	1425		859.5	1514 Y	4.3	.8	4.4	-.9	3	13			185	
87509 SAN RAFAEL AERO	3435S	06824W	748			1019.7	7.4	.1	6.2	-.1	3	15			181	
87532 GENERAL PICO AERO	3542S	06345W	145		1002.3	1018.9	8.9	.6	9.0	.5	4	9			78	
87534 LABOULAYE	3408S	06322W	137		1003.0	1019.7	9.2	.4	9.3	.6	4	34			157	101
87548 JUNIN AERO	3433S	06057W	81		1009.0	1018.8	10.0	1.1	9.8	.2	5	41			137	93
87550 NUEVE DE JULIO	3527S	06053W	76		1009.4	1018.6	9.7	.4	10.0	.2	6	56				
87563 LAS FLORES AERO	3604S	05906W	38		1014.3	1018.7	9.4		10.3		6	54			125	
87576 EZEIZA AERO	3449S	05832W	20		1017.0	1019.5	11.1	1.4	11.4	1.5	5	69	13	4	82	80
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1018.7	1019.4	12.1	1.0	11.9	1.2	4	47			126	95
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1016.3	1019.4	12.1	1.1	11.7	1.1	6	66			121	85
87623 SANTA ROSA AERO	3634S	06416W	191		996.4	1020.2	7.9	.3	7.8	-.3	2	10			143	99
87640 BOLIVAR AERO	3612S	06104W	934			1020.1	9.3		9.5		4	27			127	
87641 AZUL AERO	3650S	05953W	147		1002.2	1020.2	7.4		8.7		4	27			114	85
87645 TANDIL AERO	3714S	05915W	175		998.4	1019.8	7.1		8.8		2	34			100	75
87648 DOLORES AERO	3621S	05744W	9		1018.5	1019.5	9.2	1.0	10.2	.6	4	48			92	81
87679 PIGUE AERO	3736S	06223W	304		982.6	1019.4	7.7	1.3	8.2	.3	2	19				
87688 TRES ARROYOS	3820S	06015W	115		1005.6	1019.4	8.2		8.7		6	30			100	75
87692 MAR DEL PLATA AERO	3756S	05735W	21		1017.2	1019.8	8.3	.2	9.2	-.1	4	36			96	
87715 NEUQUEN AERO	3857S	06808W	271		987.3	1020.3	6.1	.5	6.5	.4						
87750 BAHIA BLANCA AERO	3844S	06210W	83		1009.5	1019.7	7.8	.2	8.1	.3	5	72	43	5	118	93
87765 BARILOCHE AERO	4109S	07110W	840		921.1	1491 Y	2.2	.1	5.5	-.6	8	67			141	121
87774 MAQUINCHAO	4115S	06844W	888		918.2	1486 Y	5.0	3.6	4.5	-.4	4	15				
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20			1017.3	6.3	-2.0	6.3	-1.1	0	0			179	132

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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.
87791 VIEDMA AERO	4051S	06301W	7		1018.0	1018.8	6.8		7.2					1	173	125
87800 EL BOLSON AERO	4158S	07131W	337		978.5	1020.0	2.9		6.6		10	136			77	
87803 ESQUEL AERO	4256S	07109W	785		923.6	1018.5	1.7	.1	5.1	-3	6	27	-46	1	118	
87823 P.MADRYN AERO	4244S	06504W	136		1000.2	1016.7	5.8		6.3		1	3			164	
87828 TRELEW AERO	4312S	06516W	43		1012.2	1017.5	5.6	-4	6.1	.1	2	4	-15	1	172	126
87852 PERITO MORENO AERO	4631S	07101W	429		961.8	1015.2	1.8		5.8		2	4			128	
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46		1009.6	1015.4	7.3	.9	5.7	.0	2	12	-16	2	146	128
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		968.4	1012.4	1.4		5.0		3	9			158	
87896 PUERTO DESEADO AERO	4744S	06555W	80		1003.4	1013.2	4.3	.7	6.5	.3	2	8	-19	2	95	
87925 RIO GALLEGOS AERO	5137S	06917W	19		1007.6	1010.0	1.6	.7	5.6	.2	7	11	-8	4	102	
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 BASE ESPERANZA	6324S	05659W	13		994.7	997.7	-11.5	-7	2.6		7	25	-29	1	1	
88968 BASE ORCADAS	6045S	04443W	4		998.3	999.9	-13.5	-4.1	2.5		14	65	21	4		
89053 BASE JUBANY	6214S	05838W	4		997.7	999.2	-6.2		3.7		12	73			0	
89055 BASE MARAMBIO (CENTRO MET. A)	6414S	05643W	198		971.7	997.6	-16.3		1.8		2	12			1	
89066 BASE SAN MARTIN	6808S	06708W	4		995.6	996.3	-12.3		2.2		2	8				
UNITED KINGDOM (ANTARCTIC)																
89022 HALLEY	7530S	02639W	30		983.1	987.2	-29.0		.5							
UKRAINE (ANTARCTIC)																
89063 VERNADSKY	6515S	06416W	11		995.4	996.8	-7.4		2.9		7	8		6		
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		996.2	998.2	-6.1		3.7		17	50	50		3	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		968.8	984.2	-17.0		.1		10	98	96		3	
89592 MIRNYJ	6633S	09301E	30		979.8	985.7	-19.0		1.2		7	50	44	1		
GERMANY (ANTARCTIC)																
89002 NEUMAYER	7040S	00815W	50		983.6	988.9	-26.5		.6						1	
ARGENTINA (ANTARCTIC)																
89034 BASE BELGRANO II	7752S	03437W	256		956.4	990.5	-22.6		.8		2	5			0	
URUGUAY (ANTARCTIC)																
89054 DINAMET-URUGUAY	6211S	05851W	17		996.2	998.0	-6.1		3.7		2	10			0	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
CHILE (ANTARCTIC)																
89056 CENTRO MET.ANTARTICO"PDTE.ED	6211S	05859W	48		992.2	998.2	-6.2		3.6	.1	4	24		1	4	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		996.0	997.2	-8.8	-.3	2.5	-.1						
JAPAN (ANTARCTIC)																
89532 SYOWA	6900S	03935E	21		983.5	986.2	-14.6	3.2	1.6	.4					1	
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16		988.3	990.4	-18.5		1.1						17	
89571 DAVIS	6834S	07757E	13		984.7	987.8	-20.4		.9		1	4	-2	3	13	
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		619.9		-63.2									
AUSTRALIA (ANTARCTIC)																
89611 CASEY	6617S	11031E	42		979.4	984.9	-18.5		1.3		6	20				
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1009.3	1009.7	28.1	1.2	30.3	.4	10	209	17	4		
48615 KOTA BHARU	0610N	10217E	5		1008.9	1009.5	27.5	.4	28.8	-.5	15	126	-28	3		
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1007.9	1010.4	27.5	.9	28.6	-.1	14	188	59	5		
48657 KUANTAN	0337N	10313E	16		1007.9	1009.6	27.4	1.1	30.0	.9	13	189	17	4		
48665 MALACCA	0216N	10215E	9		1008.9	1009.9	27.4	1.0	29.1	-.5	16	224	60	5		
SINGAPORE																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.1	1009.9	28.0	.9	31.7	1.9	11	104	-41	2	169	90
USA (PACIFIC OCEAN NORTH)																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1018.4	26.7	.6	24.1		10	23	-31	2		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1017.3	28.4	1.5	22.7		3	7	-8	2		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1017.7	25.1	.8	23.6		24	221	-25	4		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1009.3	28.3	.9	31.2		21	292	-73	2		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1010.3	27.4	.5	31.1		26	364	-103	2		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1009.8	28.5	.8	30.4		14	217	-48	2		
91376 MAJUORO/MARSHALL IS. INTL	0705N	17123E	3			1009.4	28.3	1.1	30.2		23	329	-1	3		
91408 KOROR, PALAU IS.	0720N	13429E	33			1009.3	27.4	.0	30.4		26	631	173	5		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
91413 YAP, CAROLINE IS.	0929N	13805E	16			1008.7	27.9	.8	31.4		24	436	67	4		
VANUATU																
91551 SOLA (VANUA LAVA)	1351S	16733E	18		1011.2	1013.3	25.1		25.3		13	203		2		
91554 PEKOA AIRPORT (SANTO)	1531S	16713E	44		1008.9	1014.6	23.9		23.6		13	98		3		
91555 LAMAP (MALEKULA)	1625S	16748E	26		1011.3	1014.0	22.0		22.5		9	104		4		
91557 BAUERFIELD (EFATE)	1742S	16818E	21		1012.8	1015.1	21.7		22.5		9	60				
91565 BURTONFIELD (TANNA)	1932S	16915E	73		1014.6	1016.9	21.3		21.8		8	61		4		
91568 ANEITYUM	2014S	16946E	7		1016.2	1016.9	21.1		19.3		15	128		5		
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1014.9	1017.0	20.5	.5	17.8		3	40	-13	3	174	84
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1009.6	1018.1	20.0	.3	17.3		14	95	22	4	161	88
TUVALU																
91643 FUNAFUTI	0831S	17913E	2		1009.8	1010.0	28.4		31.9		22	348			178	
FIJI																
91650 ROTUMA	1230S	17703E	26			1012.3	26.7		27.2		18	106		1	207	100
91652 UNDU POINT	1608S	17959W	63			1014.1	24.4		23.8		9	93		3		
91680 NANDI	1745S	17727E	25			1014.5	22.3	-1.1	20.8		4	61	14	4	226	104
91683 NAUSORI	1803S	17834E	7			1015.4	22.0		22.9		19	230		5		
91699 ONO-I-LAU	2040S	17843W	28			1016.4	25.5		23.7		5	56		2		
NEW CALEDONIA (DETACHED IS.)																
91753 HIHIFO (ILE WALLIS)	1314S	17610W	27		1008.6	1011.6	26.5		27.3		11	92		1	178	80
SAMOA AND AMERICAN SAMOA																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1012.1	26.8		28.6		12	159		3		
FRENCH POLY. (MARQUESAS)																
91925 ATUONA	0948S	13902W	52		1006.6	1012.4	25.9		25.9		12	99	-37	3	170	84
FRENCH POLY. (SOCIETY IS)																
91938 TAHITI-FAAA	1733S	14937W	2		1014.0	1014.3	25.5		24.2		5	79	19	4	248	106
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1013.5	1013.8	27.1		26.5		7	28	-62	1	230	95
91945 HEREHERETUE	1952S	14500W	3		1015.6	1016.0	24.6		24.7		13	78		2	183	80

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
91948 RIKITEA	2308S	13458W	89		1008.2	1018.5	21.2		20.8		14	63	-104	0	133	87
FRENCH POLY.(AUSTRAL IS)																
91954 TUBUAI	2321S	14929W	3		1016.2	1016.5	21.6		20.7		16	81	-63	2	157	90
91958 RAPA	2737S	14420W	2		1017.7	1018.0	18.4		17.1		15	160		2		
PAPUA NEW GUINEA																
92001 KIUNGA W.O.	0605S	14111E	35		1006.1	1010.1			28.4		23	408			75	
92004 WEWAK W.O.	0335S	14340E	4		1008.8	1009.2			29.5		19	176			160	
92035 PORT MORESBY W.O.	0923S	14713E	58		1003.7	1009.5			25.5		1	4		1		
92047 NADZAB W.O.	0634S	14643E	70		1003.0	1011.0			27.0		14	43		0	118	110
92076 KAVIENG W.O.	0234S	15049E	4		1008.9	1009.4			30.4		17	343			160	
92087 MISIMA W.O.	1041S	15250E	7		1011.3	1012.1			29.7		14	132			139	
NEW ZEALAND																
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1016.8	10.2	1.0	9.9		12	126	8	4		
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1016.9	10.7		11.0		16	171		5		
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1016.2	10.0	1.6	10.5		10	112	4	4	103	85
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1015.7	8.3		9.3		15	219		4		
93678 KAIKOURA	4225S	17342E	101			1014.4	9.3		8.2		9	126		5		
93780 CHRISTCHURCH	4329S	17233E	30			1014.1	7.1		8.0		6	37		2	112	90
93844 INVERCARGILL AERODROME	4625S	16819E	4			1012.6	6.6	1.3	8.5		14	90	14	4	103	120
93947 CAMPBELL ISLAND AWS	5233S	16909E	19			1001.5	5.8		8.0		26	111		4		
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1014.9	9.0		10.3		14	85		4		
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1020.7	16.7		14.7		11	48		0		
AUSTRALIA																
94120 DARWIN AIRPORT	1225S	13053E	31		1009.3	1013.3	25.3		18.3		0	T	-1	1	317	101
94150 GOVE AIRPORT	1217S	13649E	54		1007.2	1013.3	24.4		22.3		2	24		4	254	105
94203 BROOME AIRPORT	1757S	12214E	7		1014.0	1015.1	22.7		14.0		0	T	-2	1	303	
94212 HALLS CREEK AMO	1814S	12740E	424		967.7	1016.4	21.7		7.8		0	0	-4	1		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		975.0	1018.7	19.1		7.6		0	0	-6	1	279	88
94287 CAIRNS AERO	1653S	14545E	3		1016.3	1017.2	21.4		18.8		7	64	39	5	209	94
94294 TOWNSVILLE AERO	1915S	14645E	9		1017.6	1018.7	20.3		15.8		3	25	15	5	251	98
94299 WILLIS ISLAND	1618S	14959E	6		1014.7	1015.7	24.1		23.3							
94312 PORT HEDLAND AIRPORT	2022S	11838E	9		1015.9	1016.9	20.2		10.7		2	74	66	6		
94326 ALICE SPRINGS AERO	2348S	13353E	546		958.1	1022.4	12.2		8.8		2	57	41	5	260	91
94332 MT ISA AERO	2041S	13929E	340		978.7	1018.5	18.0		8.4		0	T	-9	1	297	99
94346 LONGREACH AIRPORT	2326S	14417E	192		997.6	1020.5	16.2		9.3		2	15	-8	4		
94367 MACKAY MO	2107S	14913E	30		1016.1	1019.9	18.4		16.8		6	63	15	4	224	100
94374 ROCKHAMPTON AERO	2323S	15029E	14		1019.4	1021.1	17.6		12.7		01	1	-31	1		
94403 GERALDTON AIRPORT	2848S	11442E	33		1017.8	1022.0	13.6		10.9		5	23	-65	0		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		960.8	1021.7	13.7		7.6		2	15	-9	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.
94461 GILES	2502S	12817E	598		951.9	1021.7	13.5		7.1		4	40	33	5	267	95
94610 PERTH AIRPORT	3156S	11559E	31		1019.9	1022.3	12.3		10.6		8	63	-95	0	216	125
94647 EUCLA	3141S	12853E	102		1010.2	1022.6	11.9		9.3		4	20		2		
94653 CEDUNA AIRPORT	3208S	13342E	16		1021.1	1023.0	11.1		9.6		5	26	-14	2	205	102
94693 MILDURA AIRPORT	3414S	14205E	52		1016.6	1023.1	10.3		9.6		6	39	13	4	197	115
94711 COBAR	3129S	14550E	264		991.6	1023.4	11.3		9.2		2	14	-15	2	216	103
94767 SYDNEY AIRPORT	3356S	15110E	5		1020.9	1021.5	13.7		9.7		5	74	20	4	239	115
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1021.0	1022.1	11.8		10.3		5	17	-46	1	188	90
94791 COFFS HARBOUR MO	3019S	15307E	5		1020.9	1021.7	14.1		11.7		2	77	15	4	249	113
94802 ALBANY AIRPORT	3456S	11748E	69		1012.2	1020.6	11.2		10.3		11	58	-64	1	194	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1012.2	1020.7	9.4		10.1		16	60	-43	1	134	101
94866 MELBOURNE AIRPORT	3740S	14451E	132		1006.7	1021.2	10.0		9.6		7	22	-16	2	137	
94907 EAST SALE AIRPORT	3806S	14708E	8		1019.3	1020.3	9.6		9.3		8	76	33	5	151	96
94910 WAGGA AIRPORT	3510S	14727E	213		997.1	1023.2	8.9		9.5		10	65	10	3	152	125
94926 GANBERRA AMO	3518S	14912E	580		953.5	1023.0	6.6		7.8		7	86	45	5	195	113
94968 LAUNCESTON AIRPORT	4132S	14712E	178		995.1	1016.8	7.7		8.9		8	51	-24	2		
94975 HOBART AIRPORT	4250S	14729E	27		1011.5	1014.9	9.8		8.1		5	23	-26	2	165	111
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1019.0	1019.9	17.1		13.6		17	208	53	5		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1005.7	1019.5	16.4		13.2		10	66	-57	1	202	111
94998 MACQUARIE ISLAND	5429S	15856E	6		995.2	996.2	3.3		6.8		25	119	50	5	24	100
INDONESIA (SUMATRA)																
96001 SABANG/CUT BAU	0552N	09519E	126		996.1	1010.4	27.6		30.8		11	811			146	
96035 MEDANG/POLONIA	0334N	09841E	25			1012.8	27.6		29.5		11	211		4	152	120
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1009.5	1010.2	25.8		27.5		16	347		2	142	
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31		1005.5	1009.4	34.9		24.2		12	466		4	151	
96171 RENGAT/JAPURA	0028N	10219E	46		1000.9	1009.4	26.8		29.7		14	97		2	135	105
96221 PALEMBANG/TALANGBETUTU	0254S	10442E	10		1009.9	1011.4	27.0		28.8		8	161			197	70
96295 TELUKBETUNG/BERANTI	0516S	10511E	96		1001.0	1012.6	26.4		27.1		9	57		4	116	60
BRUNEI DARUSSALAM																
96315 BRUNEI AIRPORT	0456N	11456E	15		1008.6	1010.5	27.6		28.1	-1.5	19	312	93	5	229	103
MALAYSIA (SABAH & SARAWAK)																
96413 KUCHING	0129N	11020E	27		1007.4	1010.0	26.7		29.8		13	120		2		
96421 SIBU	0220N	11150E	8		1006.6	1010.1	27.0		29.5		17	177		4		
96441 BINTULU	0312N	11302E	5		1007.0	1009.7	27.1	.4	29.2		19	230	-24	3		
96449 MIRI	0420N	11359E	18		1007.8	1009.7	27.3	.4	28.8		14	189	-17	3		
96465 LABUAN	0518N	11515E	30		1006.3	1009.6	28.1		27.7	-2.4	14	268		3		
96471 KOTA KINABALU	0556N	11603E	3		1009.8	1010.1	27.4		29.1		15	638		6		
96481 TAWAU	0416N	11753E	20		1007.9	1009.8	26.6		29.0		14	213	6	3		

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
96491 SANDAKAN	0554N	11804E	13		1008.3	1009.5	27.7	.6	29.5		13	177		3		
INDONESIA (KALIMANTAN) 96509 TARAKAN/JUWATA	0320N	11734E	6		1008.9	1009.9	27.3		30.3		14	159			152	
INDONESIA (JAWA) 96739 CURUG/BUDIARTO	0614S	10639E	46		1005.8	1010.7	26.1		27.9		7	102		4	180	90
96745 JAKARTA/OBSERVATORY	0611S	10650E	8		1009.7	1010.5	28.8		26.7		5	161		6	179	100
96749 JAKARTA/SOEKARNO- HATTA	0607S	10639E	8		1009.6	1010.9	27.3		28.7		5	53			140	
96805 CILACAP	0744S	10901E	6			1011.2	27.2		28.6		15	246			230	100
AUSTRALIA (OCEAN ISLANDS) 96996 COCOS ISLAND AERO	1211S	09649E	3		1012.9	1013.4	25.8		25.6		14	91	-106	2		
INDONESIA (SULAWESI) 97014 MENADO/DR. SAM RATULANGI	0132N	12455E	80			1010.3	26.4		26.1		14	122		2	140	80
97072 PALU/MUTIARA	0041S	11944E	6			1012.6	26.7		27.8		18	45			158	
97180 UJUNG PANDANG/HASANUDDIN	0504S	11933E	14		1008.7	1010.5	27.2		25.1		5	15		2	259	105
INDONESIA (NUSATENGGARA) 97230 DENPASAR/NGURAH-RAI	0845S	11510E	1		1011.0	1011.7	26.9		27.3		2	15		3	277	
INDONESIA (MALUKU/IRIAN JAYA) 97980 MERAUKE/MOPAH	0828S	14023E	3		1010.4	1010.7	25.6		26.2		9	82		5	153	100
PHILIPPINES 98223 LAOAG	1811N	12032E	5		1007.4	1008.0	29.3		33.6		10	213			253	
98232 APARRI	1822N	12138E	3		1008.3	1008.6	29.6	.9	34.6	2.5	6	60	-203			
98233 TUGUEGARAO	1737N	12144E	62		1000.8	1007.9	28.6		22.3		8	60			266	
98328 BAGUIO	1625N	12036E	1501		850.4	1007.0	19.4		20.6		24	292			293	
98330 CABANATUAN	1529N	12058E	32		1005.5	1008.7	29.0		33.6		13	94				
98429 NINOY AQUINO INTER- NATIONAL	1431N	12100E	15		1006.3	1008.7	28.7	1.0	28.7	-9						
98444 LEGASPI	1308N	12344E	17		1006.6	1008.5	28.3	.5	31.7	1.0	18	264	-2			
98550 TACLOBAN	1115N	12500E	3		1007.5	1007.8	27.8	.0	31.7	1.8	18	156	-11		181	
98637 ILOILO	1042N	12234E	8		1008.5	1009.2	27.9	.3	29.8	-1.3	23	487	174			
98644 TAGBILARAN	0936N	12351E	8		1008.3	1009.2	28.2		31.7		10	133				
98646 MACTAN	1018N	12358E	24		1007.0	1008.4	28.0	-.3	33.6	3.2	17	222	65			
98653 SURIGAO	0948N	12530E	55		1004.7	1009.8	29.1	1.3	33.6	3.2	11	126	-11			
98755 HINATUAN	0822N	12620E	3		1008.6	1009.0	28.0		31.6		13	365				
98836 ZAMBOANGA	0654N	12204E	6		1009.3	1010.1	27.0	-.4	28.7	-9	14	230	94		96	

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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.	

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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.
FEBRUARY 2002 EUROPE																
ITALY 16420 MESSINA																
	3812N	01533E	51				13.9		12.5		4	31	-67	1		140
MAY 2002 EUROPE																
ITALY 16045 UDINE/RIVOLTO 16090 VERONA/VILLAFRANCA 16110 TRIESTE 16158 PISA/S. GIUSTO																
	4559N	01302E	53				17.3		15.6		16	103	-22	2		135
	4523N	01052E	68				18.4		15.3		11	83	-2	4	221	
	4539N	01345E	20				18.6		14.4		8	8	-73	3	210	93
	4341N	01023E	6						14.5		8	62	2	4	233	97
JUNE 2002 EUROPE																
ITALY 16045 UDINE/RIVOLTO 16090 VERONA/VILLAFRANCA 16110 TRIESTE																
	4559N	01302E	53						18.7		7	34	-102	0	163	80
	4523N	01052E	68		1007.0	1015.0	23.9		20.9		10	54	-32	2	272	
	4539N	01345E	20				23.4		18.2		6	82	-19	2	291	120
JULY 2002 EUROPE																
ITALY																

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
16045 UDINE/RIVOLTO 16110 TRIESTE AUGUST 2002 EUROPE	4559N 4539N	01302E 01345E	53 20				22.9		19.3 19.6		13 7	132 36	53 -35	5 1	203 301	84 105
ITALY 16090 VERONA/VILLAFRANCA 16110 TRIESTE 16325 MARINA DI GINOSA SEPTEMBER 2002 EUROPE	4523N 4539N 4026N	01052E 01345E 01653E	68 20 12				23.2 24.2 24.4		22.8 20.1 23.6		11 12 5	160 183 26	73 83 5	5 5 4	266 245	94
ITALY 16045 UDINE/RIVOLTO 16090 VERONA/VILLAFRANCA 16110 TRIESTE 16325 MARINA DI GINOSA OCTOBER 2002 EUROPE	4559N 4523N 4539N 4026N	01302E 01052E 01345E 01653E	53 68 20 12				18.2 19.8 20.9		16.6 14.7 19.7		9 6 10 5	176 96 105 19	77 34 3 -16	5 4 3 2	99 176 178	59 85
ITALY 16090 VERONA/VILLAFRANCA 16110 TRIESTE NOVEMBER 2002 EUROPE	4523N 4539N	01052E 01345E	68 20				13.9 16.3		13.1 12.9		6 11	55 126	-26 40	3 4	146 139	83
ITALY																

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
16110 TRIESTE	4539N	01345E	20				14.3		12.7		14	182	69	5	79	80
16158 PISA/S. GIUSTO	4341N	01023E	6				14.2		13.5		15	173	51	5	65	59
16325 MARINA DI GINOSA	4026N	01653E	12				15.1		15.5		5	63	12	4		
16420 MESSINA	3812N	01533E	51				17.1		16.9		11	76	-30	2	102	74
16429 TRAPANI/BIRGI	3755N	01230E	14				17.2		15.6		8	87	23	4	142	89
DECEMBER 2002																
EUROPE																
ITALY																
16110 TRIESTE	4539N	01345E	20				7.8		7.7		11	59	-32	2	68	82
JANUARY 2005																
EUROPE																
IRELAND																
03967 CASEMENT AERODROME	5318N	00626W	93		1007.6	1019.1	6.8		8.8		12	75			43	80
FEBRUARY 2005																
ASIA																
PAKISTAN																
41515 DROSH	3534N	07147E	1465		854.6	1503 Y	5.0	-8	5.5		12	91	23	4		
41560 PARACHINAR	3352N	07005E	1725		826.9	1501 Y	2.7	-2.1	5.2		16	150	77			
41685 BAR KHAN	2953N	06943E	1097		890.5	1484 Y	9.2	-2.5	7.5		9	82	61			
MARCH 2005																
EUROPE																
IRELAND																

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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.
03953 VALENTIA OBSERVATORY ASIA	5156N	01015W	30		1011.8	1015.4	9.1	1.3	9.6	.9	14	80	-42	2	98	100
PAKISTAN 41560 PARACHINAR 41749 NAWABSHAH	3352N 2615N	07005E 06822E	1725 38		827.9 1008.0	1513 Y 1011.4	10.6 24.4	1.0 .6	7.3 15.2		13 0	91 0	-36 -3	3		
MAY 2005 ASIA																
PAKISTAN 41515 DROSH 41571 ISLAMABAD AIRPORT 41594 SARGODHA 41600 SIALKOT	3534N 3337N 3203N 3230N	07147E 07306E 07240E 07432E	1465 508 188 256		851.5 947.8 982.8 974.3	1479 Y 1003.7 1003.5 1002.5	19.1 26.3 30.0 28.5	-3.0 -1.2 30.0 -1.5	9.4 14.1 18.7 20.9		13 6 3 4	76 33 20 9	9 -6 -71 -19	4 4 0 2		
ANTARCTICA																
UKRAINE (ANTARCTIC) 89063 VERNADSKY	6515S	06416W	11		993.0	994.4	-4.0		4.2							
JUNE 2005 EUROPE																
POLAND 12566 KRAKOW ASIA	5005N	01948E	237		988.5	1016.7	16.9	.7	13.0	-.7	9	41	-56	1	249	130

SURFACE LATE REPORTS

JULY 2005

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.
INDIA																
42404 DHUBRI	2601N	08959E	35		996.5	1000.5	27.7	-1.1	33.1		22	895	756	5		
42515 CHERRAPUNJI	2515N	09144E	1313		862.6	1439 Y	21.1	.8	22.9		23	2205	-89	2		
42587 DALTONGANJ	2403N	08404E	221		971.9	996.7	34.4	1.7	25.7		7	101	-57	2		
S AMERICA																
BOLIVIA																
85041 COBIJA	1102S	06847W	235		985.5	1017.1	26.2		19.0		00	0		1		
85043 RIBERALTA	1100S	06607W	141		995.7		26.6		19.0		0	0		0		
85104 SAN JOAQUIN	1304S	06449W	140		990.6	1012.9	26.3		18.0		2	16		3		
85114 MAGDALENA	1320S	06407W	141		995.1	1011.3	26.7		18.0		0	0		0		
85123 SANTA ANA	1346S	06526W	144		993.6	1014.4	26.3		18.0		0	0		0		
85140 REYES	1419S	06723W	140		988.6	1012.8	24.2		18.6		9	149				
85141 RURRENABAQUE	1428S	06734W	204		988.8	1011.9	24.5		20.0		8	158		4		
85154 TRINIDAD	1449S	06455W	155		992.0	1011.5	25.2		17.3		3	17		2		
85196 CONCEPCION	1609S	06201W	497		957.1	1013.8	22.9		15.1		4	36		4		
85201 LA PAZ/ALTO	1631S	06811W	4038		629.9		4.2		2.0		0	0		0		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		965.0	1014.3	22.5		15.3		3	82		5		
85223 COCHABAMBA	1725S	06611W	2548		749.1		14.1		5.5		0	0		0		
85230 CHARANA	1735S	06936W	4054		631.0		1.9		1.5		0	0		0		
85242 ORURO	1758S	06704W	3072		655.5		2.9		2.0		0	0		0		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		963.3	1012.4	21.6		15.1		9	58		3		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		981.8		23.0		14.0		2	35		4		
85268 ROBORE	1819S	05946W	276		982.5	1015.4	22.9		16.0		6	33		2		
85283 SUCRE	1901S	06518W	2904		719.4		12.7		5.0		0	0		0		
85289 PUERTO SUAREZ	1859S	05749W	134		994.8	1011.9	24.8		16.0		3	13		2		
85315 CAMIRI	2000S	06332W	798		967.3	1013.0	18.8		13.1		1	3				
85365 YACUIBA	2157S	06339W	645		939.8	1013.6	16.9		12.4		4	13		3		
PARAGUAY																
86218 ASUNCION/AEROPUERTO	2516S	05738W	101		1009.2	1019.0	17.0	-6	13.7	-1.7	0	0	-72	0		
86233 VILLARRICA	2545S	05626W	161		998.8	1017.6	16.4	-4	13.8	-1.4	3	9	-107	1		
86246 AEROPUERTO INT GUARANI	2527S	05451W	236		991.9	1019.6	15.5		14.2		5	67		3		
86248 CIUDAD DEL ESTE	2532S	05436W	196		996.9	1018.7	15.9	-4	14.5	-1.1	5	72	-59	3		
86255 PILAR	2651S	05819W	56		1012.0	1018.4	15.5	-9	14.2	-9	2	14	-47	1		
SW PACIFIC																

SURFACE LATE REPORTS

JULY 2005

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.
FRENCH POLY. (MARQUESAS) 91925 ATUONA	0948S	13902W	52		1005.9	1011.7	26.1		26.6		8	68	-110	1	202	105
FRENCH POLY. (SOCIETY IS) 91938 TAHITI-FAAA	1733S	14937W	2		1013.3	1013.6	25.3		23.8		1	12	-48	1	251	114
FRENCH POLY. (TUAMOTU IS) 91943 TAKAROA 91945 HEREHERETUE 91948 RIKITEA	1429S 1952S 2308S	14502W 14500W 13458W	3 3 89		1012.6 1014.4 1004.8	1012.9 1014.7 1015.1	27.3 24.1 20.9		27.2 23.1 19.5		15 9 10	202 59 131	102 -44	5 2 3	220 175 125	100 85 90
FRENCH POLY.(AUSTRAL IS) 91954 TUBUAI 91958 RAPA	2321S 2737S	14929W 14420W	3 2		1015.0 1014.9	1015.3 1015.2	21.1 18.6		19.6 16.5		11 18	112 281	5	4 5	131 79	75 65

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
EUROPE - NORWAY JAN MAYEN 01001 JUL 2005 7056N 00840W OB 3									EUROPE - NORWAY BJORNOYA 01028 JUL 2005 7431N 01901E OB 3									EUROPE - NORWAY BODO 01152 JUL 2005 6715N 01424E OB 3									
030	24459	0	-43.7	32.7	0	88	98	5	030	24480	3	-43.5	35.4	3	85	94	4	030	24434	0	-45.0	33.9	0	86	93	4	
050	21040	0	-45.4	31.9	0	65	123	3	050	21054	1	-44.7	35.0	1	43	127	2	050	21034	0	-46.8	33.2	0	56	136	2	
100	16438	0	-47.0	30.9	0	36	252	2	100	16437	0	-46.3	34.1	0	62	262	3	100	16462	0	-48.6	32.5	0	40	238	2	
150	13754	0	-46.7	29.8	0	41	246	4	150	13744	0	-45.9	34.0	0	70	265	6	150	13796	0	-48.3	32.2	0	49	257	4	
200	11849	0	-47.8	24.1	0	40	251	6	200	11832	0	-47.0	28.2	0	60	266	8	200	11906	0	-49.7	24.4	0	39	271	4	
300	9174	0	-44.0	10.1	0	35	242	8	300	9160	0	-45.1	10.0	0	48	260	9	300	9249	0	-44.2	10.1	0	39	239	6	
500	5565	0	-18.7	11.2	0	30	234	4	500	5562	0	-19.4	10.1	0	54	259	7	500	5628	0	-17.9	12.9	0	50	247	5	
700	2979	0	-4.0	10.2	0	27	217	3	700	2982	0	-4.0	10.5	0	54	268	5	700	3034	0	-2.3	8.1	0	61	236	5	
850	1425	0	3.7	8.2	0	20	185	2	850	1429	0	2.6	6.9	0	60	281	5	850	1464	0	6.9	5.4	0	73	226	5	
1011	* 9		6.2	2.0					1011	* 18		6.0	1.6						1009	* 33		14.7	4.4				
EUROPE - NORWAY ORLAND 01241 JUL 2005 6342N 00936E OB 3									EUROPE - NORWAY STAVANGER/SOLA 01415 JUL 2005 5852N 00540E OB 3									EUROPE - SWEDEN SUNDSVALL-HARNOSAND FPL 02365 JUL 2005 6232N 01727E OB 3									
030	24417	0	-45.7	32.8	0	91	92	6	030	24375	2	-46.5	33.1	2	94	96	6	030	24399	8	-46.6	31.9	8	95	98	6	
050	21030	0	-47.5	31.9	0	70	124	3	050	21013	0	-48.7	32.3	0	62	91	2	050	21019	0	-48.3	31.5	0	48	114	2	
100	16473	0	-49.4	30.9	0	34	249	2	100	16485	0	-50.7	31.7	0	34	257	2	100	16470	0	-49.8	31.5	0	31	233	2	
150	13817	0	-49.0	29.3	0	40	260	3	150	13838	0	-49.8	30.3	0	36	270	3	150	13814	1	-49.3	31.5	1	27	257	2	
200	11933	0	-50.4	22.0	0	33	286	4	200	11963	0	-51.4	20.7	0	33	281	5	200	11931	1	-50.4	25.1	2	26	259	3	
300	9276	0	-43.7	8.9	0	26	283	4	300	9309	0	-42.8	9.6	0	22	263	4	300	9280	1	-44.4	9.2	2	25	225	4	
500	5646	0	-17.1	13.8	0	34	246	3	500	5660	0	-15.9	11.8	0	27	245	3	500	5652	2	-16.9	13.5	3	26	210	3	
700	3042	0	-1.4	8.0	0	35	227	3	700	3044	0	-2	9.5	0	16	244	2	700	3045	1	-1.3	9.1	1	15	225	1	
850	1469	0	7.6	5.4	0	44	232	3	850	1466	0	7.9	5.9	0	10	172	1	850	1468	2	8.5	5.9	3	16	245	1	
1012	* 10		14.3	3.7					1008	* 14		15.2	2.9						1011	* 6		16.9	5.3				
EUROPE - SWEDEN GOTEBORG/LANDVETTER 02527 JUL 2005 5740N 01218E OB 3									EUROPE - FINLAND SODANKYLA 02836 JUL 2005 6722N 02639E OB 3									EUROPE - FINLAND JYVASKYLA 02935 JUL 2005 6224N 02541E OB 3									
030	24363	13	-47.3	31.6	9	87	90	5	030	24443	0	-44.9	34.5	0	88	90	5	030	24434	9	-45.7	35.1	9	91	91	5	
050	21004	4	-49.2	30.5	4	63	99	3	050	21044	0	-46.5	33.3	0	31	92	1	050	21043	0	-47.5	34.0	0	61	120	2	
100	16483	1	-51.0	29.3	2	51	257	3	100	16469	0	-48.5	32.6	0	28	241	2	100	16486	0	-49.3	33.3	0	28	240	2	
150	13837	3	-49.8	28.2	4	56	262	5	150	13801	0	-48.3	31.7	0	47	264	4	150	13829	0	-49.1	33.2	0	30	244	3	
200	11957	3	-51.3	19.9	4	44	275	7	200	11911	0	-50.4	24.0	0	41	260	5	200	11945	0	-51.0	24.6	0	28	231	4	
300	9302	3	-43.0	9.9	3	34	284	6	300	9266	0	-44.3	9.9	0	34	255	6	300	9296	0	-44.0	10.6	0	17	215	3	
500	5668	2	-16.2	12.0	5	30	259	3	500	5639	0	-17.1	11.1	0	44	248	5	500	5660	0	-16.3	13.6	0	21	232	2	
700	3051	2	-.6	9.1	3	44	230	4	700	3037	0	-1.6	7.0	0	43	261	4	700	3049	0	-.8	8.8	0	21	234	2	
850	1471	2	8.7	6.0	3	54	227	4	850	1463	0	8.1	5.4	0	37	249	2	850	1471	0	8.8	6.3	0	20	218	1	
999	* 155		19.7	6.3					990	* 179		15.5	6.5						995	* 145		19.1	7.5				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - FINLAND JOKIOINEN 02963 JUL 2005 6049N 02330E OB 3									EUROPE - UNITED KINGDOM LERWICK 03005 JUL 2005 6008N 00111W OB 3									EUROPE - UNITED KINGDOM CAMBORNE 03808 JUL 2005 5013N 00519W OB 3								
030	24416	0	-46.1	35.0	0	95	102	6	030	24395	0	-45.8	35.1	0	92	93	7	030	24319	0	-48.4	34.2	0	95	85	7
050	21040	0	-48.1	34.4	0	78	105	3	050	21016	0	-48.2	34.3	0	60	100	3	050	20988	0	-51.9	33.2	0	49	104	2
100	16492	0	-49.6	33.9	0	36	222	2	100	16476	0	-50.1	33.8	0	40	247	3	100	16532	0	-54.2	32.5	0	74	264	6
150	13836	0	-49.1	32.9	0	39	250	3	150	13826	0	-49.5	33.0	0	45	261	4	150	13928	0	-53.2	29.6	0	75	277	11
200	11952	0	-50.8	23.6	0	27	238	3	200	11946	0	-50.6	24.7	0	33	265	5	200	12082	0	-54.2	17.2	0	61	290	13
300	9301	0	-44.0	8.5	0	24	204	4	300	9283	0	-42.6	10.3	0	25	216	5	300	9419	0	-40.5	11.6	0	57	290	12
500	5666	0	-16.3	12.6	0	26	219	3	500	5637	0	-16.3	11.7	0	29	213	4	500	5738	0	-13.7	11.9	0	60	285	9
700	3054	0	-.7	7.5	0	26	224	2	700	3029	0	-.8	12.1	0	31	222	3	700	3099	0	2.3	12.5	0	58	285	7
850	1475	0	9.2	5.2	0	22	214	2	850	1456	0	6.3	6.8	0	22	249	2	850	1509	0	8.8	5.2	0	55	287	5
1000	* 103		17.6	5.7					1004	* 84		11.9	1.9					1007	* 88		16.1	2.0				
EUROPE - IRELAND VALENTIA OBSERVATORY 03953 JUL 2005 5156N 01015W OB 3									EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 JUL 2005 6358N 02236W OB 3									EUROPE - DENMARK AND FAROE ISLANDS THORSHAVN 06011 JUL 2005 6201N 00646W OB 3								
030	24327	0	-48.5	32.8	0	94	94	6	030									030	24397	0	-45.7	34.0	0	91	89	5
050	20992	0	-51.5	31.6	0	60	99	2	050	21018	0	-47.3	32.8	0	60	102	3	050	21015	0	-48.0	32.6	0	76	110	3
100	16521	0	-53.7	31.2	0	77	275	5	100	16456	0	-48.7	32.2	0	45	259	3	100	16468	0	-49.7	31.9	0	39	248	2
150	13917	0	-53.4	28.8	0	78	285	9	150	13788	0	-47.3	31.8	0	52	269	6	150	13813	0	-49.0	31.2	0	40	252	5
200	12072	0	-53.8	19.3	0	69	291	12	200	11882	0	-46.8	27.2	0	52	270	9	200	11926	0	-49.5	25.0	0	33	258	6
300	9408	0	-40.7	12.0	0	63	286	12	300	9187	0	-42.6	13.9	0	45	262	11	300	9255	0	-42.6	11.3	0	21	226	5
500	5726	0	-13.9	13.0	0	66	286	9	500	5569	0	-18.4	11.2	0	36	260	5	500	5618	0	-17.0	10.2	0	25	216	4
700	3092	0	1.7	13.3	0	63	293	7	700	2977	0	-2.5	10.3	0	34	254	4	700	3013	0	-1.4	11.8	0	31	229	4
850	1506	0	8.2	5.8	0	53	305	5	850	1413	0	4.9	6.4	0	31	210	3	850	1446	0	5.1	6.7	0	33	241	4
1014	* 30		15.6	1.9					1004	* 54		11.4	3.4					1006	* 55		10.9	2.3				
EUROPE - NETHERLANDS DE BILT 06260 JUL 2005 5206N 00511E OB 1									EUROPE - SWITZERLAND & LIECHTENSTEIN PAYERNE 06610 JUL 2005 4649N 00657E OB 3									EUROPE - FRANCE NANCY/ESSEY 07180 JUL 2005 4841N 00613E OB 3								
030	24349	13	-48.2	32.4	9	94	93	7	030	24280	0	-50.3		0	95	96	7	030								
050	21010	6	-51.0	31.6	6	62		3	050	20971	0	-53.4		0	66	94	4	050	20995	7	-52.5		7	50	71	2
100	16527	2	-52.7	30.5	2	59	261	4	100	16554	0	-56.1		0	81	266	8	100	16554	1	-54.9		1	84	271	8
150	13900	2	-51.0	29.0	2	59	273	8	150	13967	0	-53.9		0	85	272	16	150	13948	0	-52.4		0	78	272	13
200	12028	2	-51.5	20.5	2	50	285	10	200	12115	0	-53.1	10.9	0	84	274	20	200	12085	0	-52.0		0	70	279	15
300	9364	2	-41.9	10.6	2	42	279	10	300	9452	0	-40.7	10.5	0	71	272	16	300	9419	0	-41.1		0	68	274	15
500	5704	2	-15.2	12.3	2	51	273	7	500	5766	0	-13.1	12.9	0	69	269	11	500	5748	0	-14.1	11.2	0	67	268	10
700	3077	1	.6	9.4	1	51	261	5	700	3124	0	2.1	6.9	0	58	248	7	700	3112	0	1.5	8.0	0	73	266	8
850	1492	1	8.7	4.8	1	64	263	6	850	1526	0	12.6	7.1	0	36	251	3	850	1519	0	11.5	5.2	0	56	261	5
1014	* 15		17.5	3.6					960	* 491		19.3	7.2					991	* 217		17.2	3.8				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
EUROPE - FRANCE NIMES/COURBESSAC 07645 JUL 2005 4352N 00424E OB 3									EUROPE - FRANCE AJACCIO 07761 JUL 2005 4155N 00848E OB 3									EUROPE - SPAIN LA CORUNA 08001 JUL 2005 4322N 00825W OB 3									
030	24266	7	-50.9		8	93	91	7	030										030	24283	23	-50.0	33.8	9	91	161	3
050	20977	4	-54.9		4	67	78	3	050	20981	1	-55.0			8	75	108	5	050	20977	18	-54.7	32.1	9	76	165	2
100	16600	0	-58.6		0	88	271	11	100	16625	1	-60.3			8	65	249	10	100	16602	14	-58.7	30.4	9	42	283	2
150	14039	0	-55.2		0	89	269	16	150	14076	0	-56.2			8	95	277	21	150	14046	12	-56.5	27.6	9	45	293	3
200	12199	0	-53.9		0	91	277	20	200	12240	0	-53.6			4	88	275	22	200	12216	9	-54.8	16.5	9	47	285	4
300	9524	0	-38.9		0	79	280	17	300	9559	0	-38.4			2	80	273	14	300	9543	6	-38.7	14.1	9	44	249	3
500	5814	0	-11.2	17.0	0	71	271	10	500	5835	0	-10.1	18.8		2	78	277	13	500	5823	3	-10.5	20.4	7	44	270	3
700	3146	0	5.8	12.6	0	71	291	8	700	3155	0	6.9	16.7		1	72	281	9	700	3153	3	5.8	17.1	9	26	297	1
850	1530	0	14.6	9.1	0	65	335	7	850	1530	0	16.8	16.1		1	67	275	3	850	1539	3	13.4	12.7	9	18	262	1
1009	* 62		21.8	8.2					1014	* 9		26.7	8.2						1011	* 67		20.2	5.6				
EUROPE - SPAIN SANTANDER 08023 JUL 2005 4328N 00348W OB 3									EUROPE - SPAIN MADRID/BARAJAS 08221 JUL 2005 4030N 00335W OB 3									EUROPE - SPAIN MURCIA 08430 JUL 2005 3800N 00110W OB 3									
030	24271	8	-50.7		9	87	144	4	030	24238	2	-51.4	33.4		2	94	99	10	030	24211	12	-52.7	32.7	9	96	98	6
050	20963	2	-55.5		4	71	125	2	050	20956	2	-56.1	32.0		2	84	93	6	050	20946	4	-57.6	31.6	9	90	103	4
100	16600	2	-59.2		3	81	275	4	100	16633	2	-62.1	29.1		2	89	265	10	100	16668	1	-65.2	29.2	9	89	255	5
150	14046	2	-56.9		4	87	274	8	150	14112	2	-58.6	25.6		2	92	260	21	150	14176	1	-60.0	28.8	8	94	258	12
200	12193	1	-55.2		3	80	286	8	200	12291	2	-54.5	17.3		2	91	261	21	200	12354	1	-52.9	25.4	8	95	258	13
300	9543	1	-38.2	18.7	2	75	290	7	300	9608	2	-37.3	16.8		2	87	263	17	300	9654	1	-36.8	22.5	5	90	258	9
500	5822	0	-10.7	24.5	2	72	265	5	500	5872	2	-9.3	22.5		2	90	254	13	500	5912	0	-8.9	25.2	5	94	252	8
700	3152	0	5.5	18.4	1	60	272	2	700	3184	2	8.3	18.4		2	87	240	8	700	3211	0	10.4	19.8	4	85	246	4
850	1542	0	12.9	10.6	1	23	255	1	850	1547	2	20.0	17.2		2	23	242	1	850	1561	0	21.2	19.4	5	43	215	1
1013	* 59		20.3	3.8					944	* 633		27.7	22.0						1009	* 62		28.5	10.3				
EUROPE - GIBRALTAR GIBRALTAR 08495 JUL 2005 3609N 00520W OB 3									EUROPE - PORTUGAL LAJES/SANTA RITA (ACORES) 08508 JUL 2005 3844N 02704W OB 3									EUROPE - GERMANY SCHLESWIG 10035 JUL 2005 5432N 00933E OB 3									
030	24182	0	-52.6		0	98	93	12	030	24195	24	-52.6							030	24362	0	-48.0	34.4	0	92	99	7
050	20924	0	-58.3		0	91	100	8	050	20923	14	-56.6							050	21009	0	-50.3	33.7	0	55	103	2
100	16668	0	-66.5		0	86	241	9	100	16596	0	-61.4							100	16509	0	-51.7	33.2	0	60	263	4
150	14191	0	-61.1		0	94	252	22	150	14066	0	-58.7							150	13870	0	-50.1	33.3	0	57	271	7
200	12371	0	-52.8		0	94	252	23	200	12253	0	-56.2							200	11996	0	-51.3	23.3	0	46	277	8
300	9667	0	-36.1	19.1	0	90	248	15	300	9586	0	-38.6	13.9						300	9340	0	-42.7	9.4	0	38	258	8
500	5914	0	-8.2	23.6	0	95	236	14	500	5861	0	-10.4	21.0						500	5687	0	-15.5	11.9	0	38	255	5
700	3205	0	11.6	25.8	0	93	231	9	700	3192	0	5.4	20.4						700	3066	0	.2	9.3	0	41	247	4
850	1555	0	20.7	21.5	0	28	175	2	850	1585	0	10.7	8.4						850	1483	0	8.6	4.3	0	45	255	4
1016	* 4		24.4	11.5					1011	* 113		22.6	8.9						1008	* 48		17.7	4.4				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - GERMANY GREIFSWALD 10184 JUL 2005 5406N 01324E OB 3									EUROPE - GERMANY EMDEN-FLUGPLATZ 10200 JUL 2005 5323N 00714E OB									EUROPE - GERMANY BERGEN 10238 JUL 2005 5249N 00956E OB								
030	24360	0	-47.9	34.5	0	92	96	7	030	24353	0	-48.1	34.5	0	92	95	7	030	24315	0	-48.8		0	94	94	7
050	21010	0	-50.4	33.7	0	56	95	2	050	21005	0	-50.8	33.4	0	57	99	3	050	20981	0	-51.4		0	43	118	2
100	16513	0	-52.0	33.1	0	69	261	4	100	16515	0	-52.4	33.1	0	61	262	4	100	16502	0	-52.7	13.6	0	72	260	4
150	13877	0	-50.3	33.5	0	63	269	7	150	13883	0	-50.8	32.9	0	57	272	7	150	13877	0	-51.0	13.1	0	64	267	7
200	12002	0	-51.6	25.0	0	56	270	9	200	12009	0	-51.6	22.7	0	49	282	10	200	12008	0	-52.1	11.4	0	57	269	11
300	9349	0	-42.7	9.7	0	53	268	11	300	9349	0	-42.4	10.6	0	37	262	8	300	9355	0	-42.2	10.4	0	41	248	9
500	5695	0	-15.3	15.1	0	49	263	6	500	5693	0	-15.3	13.4	0	42	255	6	500	5698	0	-15.0	10.8	0	47	254	7
700	3071	0	.2	9.3	0	37	248	4	700	3070	0	.4	8.5	0	49	254	5	700	3075	0	.5	8.6	0	53	260	5
850	1486	0	9.2	3.9	0	38	241	3	850	1486	0	8.5	3.4	0	54	257	5	850	1493	0	9.1	5.0	0	56	260	5
1013	* 6		18.7	4.8					1014	* 5		17.9	4.0					1006	* 69		18.0	5.3				
EUROPE - GERMANY LINDENBERG 10393 JUL 2005 5213N 01407E OB 3									EUROPE - GERMANY ESSEN 10410 JUL 2005 5124N 00658E OB 3									EUROPE - GERMANY MEININGEN 10548 JUL 2005 5034N 01023E OB 3								
030	24341	0	-48.6	33.8	0	93	85	7	030	24340	0	-48.5	34.2	0	94	100	7	030	24321	0	-49.0		0	96	95	7
050	20998	0	-51.1	33.1	0	59	91	3	050	21000	0	-51.5	33.1	0	59	102	3	050	20990	0	-51.9		0	69	100	2
100	16516	0	-52.5	32.6	0	71	264	4	100	16526	0	-53.0	32.7	0	65	260	5	100	16527	0	-53.3	30.3	0	78	264	6
150	13888	0	-51.0	32.2	0	69	274	8	150	13903	0	-51.3	32.6	0	65	274	9	150	13909	0	-51.6	30.5	0	77	272	10
200	12017	0	-52.3	21.8	0	64	274	10	200	12033	0	-51.9	22.9	0	56	277	11	200	12044	0	-52.4	21.2	0	65	272	12
300	9370	0	-42.4	9.2	0	56	258	11	300	9370	0	-42.1	11.0	0	44	273	10	300	9383	0	-41.8	12.4	0	50	258	11
500	5709	0	-14.8	10.8	0	48	264	7	500	5710	0	-15.0	15.4	0	53	264	8	500	5719	0	-14.8	15.2	0	61	267	9
700	3081	0	.3	8.0	0	44	253	4	700	3084	0	.7	9.7	0	58	258	6	700	3091	0	.8	9.9	0	67	268	7
850	1495	0	10.0	4.1	0	45	270	4	850	1498	0	9.3	4.7	0	64	256	6	850	1504	0	10.3	6.6	0	59	263	5
1001	* 104		19.0	5.4					998	* 153		18.5	5.4					963	* 453		17.7	6.3				
EUROPE - GERMANY STUTTGART/SCHNARRENBERG 10739 JUL 2005 4850N 00912E OB 3									EUROPE - GERMANY MUENCHEN-OBERSCHLEISSHEIM 10868 JUL 2005 4815N 01133E OB 3									EUROPE - AUSTRIA WIEN/HOHE WARTE 11035 JUL 2005 4814N 01621E OB 3								
030	24319	1	-49.1	33.9	1	88	96	7	030	24324	0	-49.3	34.0	0	93	97	8	030	24320	4	-49.4		4	95	96	7
050	20993	1	-52.5	32.9	1	62	90	3	050	21002	0	-52.6	32.8	0	66	107	3	050	21002	2	-52.7		2	86	108	3
100	16542	1	-54.3	32.3	1	76	267	7	100	16560	0	-54.8	32.2	0	82	260	7	100	16558	0	-54.3		0	84	260	6
150	13935	1	-52.4	32.3	1	84	275	12	150	13955	0	-52.9	31.7	0	84	275	13	150	13949	0	-52.0		0	84	272	11
200	12072	1	-52.5	22.4	1	73	277	14	200	12093	0	-52.9	21.1	0	76	278	15	200	12086	0	-52.7		0	78	277	13
300	9411	1	-41.6	10.7	1	64	270	14	300	9431	0	-41.3	10.8	0	59	271	12	300	9432	0	-41.1		0	57	275	10
500	5744	1	-14.2	14.5	1	64	269	10	500	5754	0	-13.8	12.8	0	58	271	9	500	5748	0	-13.2	11.8	0	54	281	6
700	3110	1	1.3	8.2	1	65	264	8	700	3116	0	1.7	6.9	0	65	273	8	700	3106	0	2.3	5.9	0	57	291	6
850	1518	1	11.2	5.1	1	58	271	5	850	1520	0	11.7	5.3	0	64	284	5	850	1507	0	12.6	5.8	0	58	301	5
979	* 315		19.5	6.9					960	* 489		18.2	5.4					991	* 200		20.8	6.6				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 JUL 2005 5000N 01427E OB 3									EUROPE - SLOVAKIA POPRAD-GANOVCE 11952 JUL 2005 4902N 02019E OB 3									EUROPE - POLAND LEBA 12120 JUL 2005 5445N 01732E OB 3								
030	24328	0	-49.1	32.5	0	94	88	7	030	24320	0	-49.4	33.9	0	96	96	7	030	24368	0	-47.7	34.4	0	93	99	13
050	20999	0	-51.8	31.2	0	70	96	2	050	20997	0	-52.3	32.9	0	77	106	3	050	21016	0	-49.9	33.7	0	69	93	5
100	16540	0	-53.6	29.6	0	83	260	6	100	16547	0	-54.0	31.6	0	84	260	6	100	16510	0	-51.6	33.0	0	71	254	8
150	13923	0	-51.5	29.5	0	80	271	10	150	13933	0	-51.7	31.3	0	85	266	10	150	13872	0	-50.0	32.0	0	67	264	13
200	12057	0	-52.8	19.2	0	70	274	12	200	12067	0	-52.3	21.5	0	80	270	12	200	11993	0	-50.8	22.8	0	60	270	16
300	9409	0	-41.8	9.1	0	53	262	10	300	9416	0	-41.5	9.7	0	58	273	10	300	9334	0	-42.8	10.2	0	59	274	21
500	5735	0	-13.7	10.9	0	51	266	7	500	5739	0	-13.7	10.5	0	53	278	6	500	5687	0	-15.6	15.9	0	53	264	12
700	3100	0	1.3	6.5	0	50	273	5	700	3101	0	1.8	6.3	0	33	277	3	700	3068	0	.3	10.1	0	51	256	9
850	1509	0	11.0	4.8	0	53	279	4	850	1504	0	12.4	5.1	0	11	264	1	850	1484	0	9.6	5.1	0	45	249	7
980	* 303		19.5	6.6					934	* 706		17.3	6.0					1013	* 2		17.9	4.0				
EUROPE - POLAND LEGIONOWO 12374 JUL 2005 5224N 02058E OB 3									EUROPE - POLAND WROCLAW I 12425 JUL 2005 5108N 01659E OB 3									EUROPE - HUNGARY BUDAPEST/LORINC 12843 JUL 2005 4726N 01911E OB 3								
030	24344	0	-48.7	33.1	0	96	97	8	030	24337	0	-48.6	33.9	0	97	87	14	030	24334	6	-49.6		6	96	98	8
050	21007	0	-51.1	32.4	0	70	103	3	050	21004	0	-51.3	33.0	0	77	93	6	050	21016	5	-52.9		5	75	111	3
100	16525	0	-52.7	32.1	0	81	254	6	100	16532	0	-53.1	31.2	0	81	255	11	100	16575	4	-54.6		4	90	257	7
150	13894	0	-50.4	31.7	0	84	264	8	150	13908	0	-51.0	30.5	0	80	269	19	150	13968	3	-52.1		3	86	269	11
200	12019	0	-51.8	20.7	0	72	269	10	200	12038	0	-52.6	18.9	0	71	273	23	200	12105	1	-52.2		1	79	274	13
300	9368	0	-42.4	9.4	0	67	278	12	300	9394	0	-41.9	7.9	0	54	275	20	300	9445	1	-41.0	10.1	1	57	273	9
500	5712	0	-15.0	14.0	0	56	271	6	500	5724	0	-14.1	11.0	0	51	271	13	500	5759	1	-13.1	11.0	1	57	277	6
700	3088	0	.6	8.8	0	53	258	4	700	3092	0	.9	5.8	0	40	253	8	700	3114	1	2.5	7.1	2	39	290	3
850	1499	0	11.1	5.3	0	46	245	3	850	1502	0	11.1	4.6	0	43	272	6	850	1513	1	12.6	5.6	1	20	315	1
1002	* 96		21.0	8.9					1000	* 116		19.7	6.7					998	* 139		21.7	7.4				
EUROPE - HUNGARY SZEGED 12982 JUL 2005 4615N 02006E OB									EUROPE - YUGOSLAVIA BEOGRAD/KOSUTNJAK 13275 JUL 2005 4446N 02025E OB 1									EUROPE - ROMANIA CLUJ-NAPOCA 15120 JUL 2005 4647N 02334E OB 1								
030	24314	10	-50.4		9	97	102	8	030									030								
050	21008	9	-53.6		9	80	129	3	050									050	20997	10	-54.0	32.3	9		109	3
100	16586	8	-55.4		9	94	261	8	100	16580	1	-56.5		1	90	266	11	100	16577	4	-55.2	31.0	5	93	253	10
150	13983	6	-52.4		7	85	271	12	150	13995	0	-52.9		0	87	270	15	150	13972	3	-52.3	30.0	4	91	266	13
200	12121	6	-52.4		7	80	283	12	200	12136	0	-52.6		0	78	279	14	200	12108	0	-52.2	21.1	1	83	271	14
300	9453	5	-40.6	10.2	5	47	298	7	300	9467	0	-40.2		0	64	280	11	300	9448	0	-40.7	10.2	0	70	272	10
500	5760	4	-12.7	12.1	4	54	291	5	500	5769	0	-12.2	17.0	0	68	294	9	500	5757	0	-12.7	12.8	1	60	279	6
700	3113	4	3.0	7.2	5	47	311	3	700	3116	0	3.8	10.1	0	56	297	4	700	3108	0	2.6	6.1	1	39	279	3
850	1510	4	12.9	5.2	6	25	341	2	850	1508	0	13.8	9.1	0	45	316	2	850	1507	0	12.7	3.9	1	22	165	1
1004	* 83		17.0	1.7					990	* 203		19.8	4.7					966	* 413		16.4	1.1				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
EUROPE - ROMANIA BUCURESTI/IMH 15420 JUL 2005 4430N 02608E OB 1									EUROPE - BULGARIA SOFIA (OBSERV.) 15614 JUL 2005 4239N 02323E OB 0									EUROPE - ITALY MILANO/LINATE 16080 JUL 2005 4526N 00917E OB 3										
030									030	24278	10	-50.5	31.2		9	92	105	8	030	24282	6	-50.5	31.8		6	97	96	8
050	21018	6	-55.3	31.6	6	78	119	4	050	20989	2	-55.4	30.8		3	86	111	5	050	20985	2	-54.0	30.3		3	76	98	4
100	16636	2	-57.6	29.3	2	93	239	12	100	16625	0	-58.3	29.7		1	94	248	13	100	16580	1	-57.1	28.1		1	85	271	8
150	14046	2	-52.3	30.1	2	94	250	20	150	14052	0	-53.4	30.7		1	92	259	18	150	13996	1	-54.0	25.7		1	90	275	17
200	12175	0	-51.3	20.5	0	85	253	17	200	12186	0	-50.4	23.8		0	87	266	19	200	12147	1	-52.8	17.6		1	87	284	20
300	9498	0	-39.9	11.7	0	63	257	10	300	9500	0	-39.4	13.0		1	64	275	11	300	9481	0	-40.1	12.2		0	78	283	16
500	5794	0	-11.8	14.2	1	62	279	6	500	5788	0	-11.1	18.5		1	64	266	7	500	5783	0	-11.9	16.4		3	71	281	9
700	3139	0	3.6	6.1	0	48	288	3	700	3126	0	4.6	7.2		2	46	267	4	700	3127	0	4.4	5.2		2	62	261	4
850	1529	0	14.2	6.1	0	13	301	1	850	1511	0	15.2	5.5		1	12	347	1	850	1512	0	15.4	6.8		2	6	12	
1004	* 91		19.2	2.7					946	* 595		24.4	9.4						1000	* 103		23.7	7.1					
EUROPE - ITALY PRATICA DI MARE 16245 JUL 2005 4139N 01226E OB 3									EUROPE - ITALY BRINDISI 16320 JUL 2005 4039N 01757E OB 3									EUROPE - ITALY CAGLIARI/ELMAS 16560 JUL 2005 3915N 00904E OB /										
030	24246	1	-51.4	30.5					030	24240	1	-51.7	33.3		1	97	87	10	030	24224	0	-52.4	31.7		0	97	95	10
050	20968	1	-56.2	28.9					050	20971	1	-56.8	31.8		1	83	104	5	050	20959	0	-57.1	30.2		0	82	118	7
100	16626	1	-60.3	26.2					100	16648	1	-61.0	29.6		1	94	265	13	100	16659	0	-63.8	23.2		0	89	268	12
150	14078	1	-56.2	25.2					150	14099	0	-54.9	30.3		0	90	268	22	150	14145	0	-58.4	23.2		0	94	272	24
200	12239	1	-52.9	19.5					200	12245	0	-50.6	25.2		0	88	279	23	200	12313	0	-52.7	19.3		0	94	279	25
300	9553	1	-38.3	16.3					300	9546	0	-38.4	17.4		0	85	297	18	300	9617	0	-37.0	17.8		0	93	280	21
500	5829	1	-10.1	18.6					500	5825	0	-10.2	19.7		0	84	297	12	500	5880	0	-9.5	20.8		0	93	287	16
700	3148	1	7.3	18.2					700	3148	0	6.8	13.8		0	71	307	7	700	3188	0	9.6	19.0		0	87	290	11
850	1522	1	17.4	14.8					850	1523	0	17.5	12.1		1	67	324	5	850	1547	0	19.5	17.7		0	69	296	5
1009	* 32		24.3	8.6					1012	* 10		24.3	5.0						1015	* 5		27.0	10.8					
EUROPE - TURKEY SAMSUN 17030 JUL 2005 4117N 03618E OB 3									EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 JUL 2005 4058N 02905E OB 3									EUROPE - TURKEY ANKARA/CENTRAL 17130 JUL 2005 3957N 03253E OB 3										
030	24251	1	-52.6	33.0	1	95	89	10	030	24243	3	-51.9	33.3		3	96	87	10	030	24235	0	-52.8	32.5		0	95	90	10
050	20994	1	-57.9	31.4	1	79	117	5	050	20977	3	-57.2	31.6		3	68	105	3	050	20981	0	-58.3	30.5		0	83	103	6
100	16722	0	-64.0	26.1	0	97	235	20	100	16677	3	-61.7	27.7		3	97	238	16	100	16720	0	-64.1	25.7		0	97	233	19
150	14195	0	-55.4	29.8	0	98	244	34	150	14129	3	-54.4	30.4		3	96	244	28	150	14200	0	-56.0	28.9		0	98	243	32
200	12323	0	-46.1	31.7	0	98	244	36	200	12259	1	-47.8	29.3		1	96	245	28	200	12330	0	-46.4	31.1		0	98	242	34
300	9561	0	-34.5	25.0	0	94	248	20	300	9532	1	-37.0	18.0		1	81	249	15	300	9570	0	-34.4	27.1		0	92	251	19
500	5810	0	-9.1	22.3	0	71	248	7	500	5802	0	-9.9	20.6		0	69	258	7	500	5815	0	-8.5	25.7		0	73	258	7
700	3122	0	8.2	12.6	0	65	288	4	700	3125	0	6.3	10.0		0	46	314	3	700	3126	0	7.9	12.5		0	64	266	4
850	1493	0	15.9	9.2	0	55	68	3	850	1500	0	16.9	12.3		0	72	28	5	850	1492	0	18.3	9.6		0	60	60	3
1010	* 4		20.7	3.6					1007	* 33		22.3	3.2						911	* 891		20.2	8.3					

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - TURKEY IZMIR/GUZELYALT 17220 JUL 2005 3826N 02710E OB 3									EUROPE - TURKEY ISPARTA 17240 JUL 2005 3745N 03033E OB 3									EUROPE - TURKEY DIYARBAKIR 17280 JUL 2005 3753N 04012E OB 3								
030	24214	2	-53.4	32.8	2	97	88	12	030	24209	1	-53.4	32.8	1	97	85	12	030	24209	0	-53.5	32.7	0	90	86	12
050	20963	1	-59.0	31.2	1	85	101	5	050	20965	0	-59.4	30.9	0	87	95	6	050	20976	0	-60.9	30.6	0	91	97	7
100	16707	0	-64.6	27.7	0	97	237	15	100	16739	0	-66.6	24.0	0	98	232	18	100	16804	0	-69.0	20.3	0	90	233	18
150	14188	0	-56.4	30.1	0	98	244	28	150	14239	0	-57.2	28.0	0	99	238	31	150	14326	0	-58.2	25.8	0	96	243	27
200	12323	0	-47.1	31.6	0	97	247	29	200	12376	0	-46.4	31.1	0	98	242	32	200	12467	0	-45.9	31.7	0	97	246	29
300	9571	0	-35.2	25.6	0	89	259	18	300	9600	0	-32.4	30.4	0	92	250	20	300	9660	0	-27.8	37.0	0	97	248	26
500	5821	0	-8.6	26.2	0	81	273	8	500	5828	0	-7.7	27.8	0	83	267	8	500	5841	0	-6.2	34.4	0	84	239	8
700	3130	0	8.5	17.6	0	45	304	3	700	3132	0	8.6	10.4	0	35	260	2	700	3121	0	12.7	16.0	0	48	158	2
850	1495	0	19.3	14.1	0	71	5	4	850	1491	0	19.9	12.5	0	58	2	3	850	1450	0	27.2	24.2	0	68	7	4
1006	* 29		25.6	9.9					900	* 997		19.0	7.9					928	* 677		26.2	21.2				
EUROPE - CYPRUS ATHALASSA 17607 JUL 2005 3509N 03324E OB 2									EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 JUL 2005 6437N 04030E OB 3									EUROPE - LATVIA RIGA 26422 JUL 2005 5658N 02403E OB								
030	24190	16	-52.7		9	98	97	14	030	24509	23	-44.1	10.8	9	90	89	4	030								
050	20951	1	-60.8	30.3	0	95	106	10	050	21104	5	-46.7	10.4	5	50	104	2	050								
100	16788	1	-70.3	26.8	0	95	219	15	100	16532	0	-48.7	8.9	0	44	263	2	100	16514	16	-50.5	33.7	9	62	258	3
150	14329	1	-59.4	29.6	0	98	233	24	150	13860	0	-48.1	7.6	0	39	275	4	150	13865	16	-49.3	34.0	9	60	259	5
200	12475	1	-46.5	33.7	0	98	240	26	200	11974	0	-51.2	5.5	0	34	277	5	200	11982	16	-50.0	26.3	9	49	264	6
300	9674	1	-28.3	39.9	0	97	245	23	300	9318	0	-42.7	5.0	0	26	295	5	300	9325	16	-43.8	9.8	9	21	224	3
500	5855	1	-5.6	43.3	0	85	255	8	500	5666	0	-15.6	7.4	0	27	293	4	500	5690	16	-16.3	11.5	9	39	240	4
700	3136	1	10.0	25.5	0	58	286	4	700	3047	0	-5	5.8	0	23	279	2	700	3075	16	-1	12.1	9	34	236	3
850	1491	1	21.4	15.0	0	58	328	3	850	1468	0	8.1	4.7	0	21	302	2	850	1494	16	9.5	7.5	9	47	239	3
988	* 161		36.5	19.0					1012	* 4		15.3	5.6					1011	* 26		15.8	2.9				
EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 JUL 2005 5545N 03757E OB 0									EUROPE - UKRAINE KYIV 33345 JUL 2005 5024N 03034E OB 3									EUROPE - ISRAEL BET DAGAN 40179 JUL 2005 3200N 03449E OB 3								
030	24328	27	-49.1	9.8	9	98	116	6	030									030								
050	20945	16	-51.2	8.9	9	65	127	2	050	21028		-52.2	13.6	9	63	110	2	050	20927	3	-62.5					
100	16463	1	-52.0	7.6	1	76	254	6	100	16571	14	-53.0	11.7	9	91	245	8	100	16826	1	-73.8		1	95	181	13
150	13833	0	-50.3	6.6	0	70	257	7	150	13945	9	-50.5	10.0	9	91	251	12	150	14394	1	-60.8		1	95	210	14
200	11958	0	-52.0	5.0	0	47	260	6	200	12067	7	-50.5	8.1	8	88	258	13	200	12552	1	-47.6	14.3	1	96	225	14
300	9309	0	-42.8	4.8	0	22	313	3	300	9400	6	-41.7	7.6	6	78	262	11	300	9755	1	-26.9	17.6	1	96	235	15
500	5662	0	-15.2	7.1	0	32	298	3	500	5730	6	-14.3	8.9	6	73	277	6	500	5892	1	-3.4	20.3	1	85	238	7
700	3047	0	.1	5.4	0	36	304	3	700	3098	6	.9	6.1	6	47	295	3	700	3154	1	12.6	19.0	1	74	249	6
850	1473	0	9.2	3.0	0	39	311	2	850	1509	6	11.3	5.7	6	35	306	2	850	1499	1	21.4	15.6	1	77	307	5
990	* 200		17.4	4.5					995	* 167		21.4	7.4					1005	* 35		27.0	6.0				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
EUROPE - JORDAN MAFRAQ 40265 JUL 2005 3222N 03615E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV DIKSON 20674 JUL 2005 7330N 08024E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HATANGA 20891 JUL 2005 7159N 10228E OB 3										
030									030	24584	4	-40.9			4	93	83	4	030	24410	16	-44.2	13.5		9	88	81	4
050	20940	1	-62.6		1	96	99	12	050	21135	2	-43.1			3	48	44	1	050	20992	14	-45.7	12.4		9	43	115	1
100	16827	0	-73.5		0	92	188	13	100	16481	1	-44.7			1	67	279	3	100	16393	14	-47.5	10.8		9	82	241	4
150	14400	0	-60.5		0	90	220	14	150	13767	1	-44.1			1	69	279	6	150	13713	14	-46.9	9.4		9	77	246	5
200	12556	0	-47.4		0	97	227	13	200	11835	1	-43.6			1	61	283	8	200	11809	14	-48.8	6.6		9	65	238	6
300	9755	0	-26.7		0	97	240	15	300	9140	0	-45.3	3.3		0	58	271	15	300	9148	13	-45.6	5.1		9	29	195	5
500	5890	0	-3.2	41.3	0	83	243	9	500	5543	0	-19.4	9.4		0	54	269	9	500	5540	13	-19.3	7.6		9	15	216	2
700	3151	0	13.3	32.2	0	72	237	8	700	2961	0	-4.2	9.6		0	50	279	6	700	2962	13	-4.2	4.8		9	40	255	3
850	1490	0	22.6	23.8	0	95	304	10	850	1409	0	2.1	7.1		1	29	301	2	850	1406	13	4.3	5.2		9	26	7	2
933	* 687		20.4	9.1					1005	* 47		4.5	1.6						1004	* 33		11.6	3.2					
ASIA - RUSSIAN FEDERATION (IN ASIA) NAR'JAN-MAR 23205 JUL 2005 6738N 05302E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) SALEHARD 23330 JUL 2005 6632N 06640E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) TURUHANSK 23472 JUL 2005 6547N 08756E OB 3										
030	24495	22	-44.3	11.9	9	93	100	5	030										030	24473	28	-46.1	13.7		9	99	70	6
050	21087	8	-45.7	11.8	9	52	95	1	050	21075	29	-46.6	16.5		9	64	195	2	050	21105	13	-46.8	12.8		9	25	69	1
100	16511	1	-48.1	10.4	2	46	90	2	100	16491	4	-48.3	12.1		4	56	273	2	100	16523	4	-48.1	10.7		4	79	274	4
150	13839	0	-48.0	8.7	0	51	273	5	150	13815	1	-47.8	9.5		1	61	275	4	150	13851	4	-48.3	9.0		4	85	285	6
200	11947	0	-50.6	6.9	0	49	269	7	200	11935	0	-50.8	6.9		0	51	282	6	200	11963	4	-51.2	6.8		4	82	293	9
300	9281	0	-42.5	6.1	0	37	260	7	300	9277	0	-42.2	6.3		0	43	278	6	300	9306	3	-42.5	7.0		3	62	292	9
500	5634	0	-16.2	8.4	0	41	273	5	500	5625	0	-15.2	8.5		0	57	285	5	500	5651	3	-15.3	9.4		3	68	290	6
700	3026	0	-1.4	6.6	0	38	286	4	700	3013	0	-3	5.4		0	49	297	4	700	3029	3	.0	9.5		3	64	296	4
850	1451	0	6.8	4.7	0	32	287	3	850	1441	0	8.2	5.1		0	38	307	3	850	1447	3	9.6	7.5		3	49	306	3
1011	* 12		13.7	5.2					1008	* 16		15.9	5.4						1004	* 38		18.2	7.5					
ASIA - RUSSIAN FEDERATION (IN ASIA) SYKTYVKAR 23804 JUL 2005 6140N 05051E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OLENEK 24125 JUL 2005 6830N 11226E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) VERHOJANSK 24266 JUL 2005 6734N 13324E OB 3										
030	24360	28	-46.6	13.7	9	87	47	5	030	24520	27	-43.5	17.8		9	99	107	5	030									
050	21012	22	-48.5	11.5	9	44	60	1	050	21106	25	-44.9	16.5		9	53	146	1	050	21082	21	-45.3	14.8		9	64	62	2
100	16476	4	-49.9	9.5	5	63	271	3	100	16482	20	-45.8	14.5		9	89	247	6	100	16506	7	-48.0	12.8		7	67	282	4
150	13810	2	-48.9	8.2	2	58	280	4	150	13765	17	-43.8	13.6		9	90	248	8	150	13830	5	-47.2	10.9		5	67	270	6
200	11924	1	-51.4	6.4	1	42	278	5	200	11827	17	-43.3	11.1		9	86	244	10	200	11940	5	-50.2	7.9		5	58	267	9
300	9263	1	-43.5	5.2	1	12	245	2	300	9127	16	-42.2	7.2		9	54	254	9	300	9273	4	-41.9	6.6		4	55	274	10
500	5633	1	-17.1	7.2	1	15	260	1	500	5514	15	-18.5	8.1		9	66	275	7	500	5612	3	-14.7	8.2		3	57	271	6
700	3033	0	-1.5	5.3	0	12	278	1	700	2946	15	-3.3	5.7		9	64	302	5	700	2996	3	.6	6.2		3	53	269	3
850	1462	0	7.9	3.2	0	15	268	1	850	1386	15	5.8	5.7		9	37	299	2	850	1414	3	10.3	8.6		3	12	293	1
997	* 116		16.4	5.3					981	* 220		14.3	8.6						989	* 138		17.0	8.6					

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
ASIA - RUSSIAN FEDERATION (IN ASIA) TURA 24507 JUL 2005 6416N 10014E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) JAKUTSK 24959 JUL 2005 6201N 12943E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) SEJMCHAN 25703 JUL 2005 6255N 15225E OB 3								
030	24460								030									030	24505	29	-46.0	13.0				
050	21074	22	-47.4	14.7	9	60	79	2	050	21055	21	-47.9	12.5	9	87	49	3	050	21098	23	-47.9	11.6	9	38	83	1
100	16514	9	-50.2	13.0	9	60	264	3	100	16515	1	-50.0	10.6	1	72	292	4	100	16502	13	-49.2	10.8	9	47	302	2
150	13848	4	-48.2	10.7	4	86	278	7	150	13862	0	-49.3	9.2	0	73	286	6	150	13859	9	-49.7	8.3	9	71	291	6
200	11954	1	-49.8	8.0	1	74	282	8	200	11982	0	-51.4	6.8	0	63	286	10	200	12009	6	-53.2	5.4	7	69	279	10
300	9292	1	-43.1	6.4	1	61	286	9	300	9321	0	-40.4	6.4	0	48	284	8	300	9356	4	-40.6	5.5	4	61	278	10
500	5643	1	-15.5	9.7	1	69	287	7	500	5639	0	-13.3	8.6	0	48	293	5	500	5673	3	-13.6	9.1	3	59	265	6
700	3025	1	-1	5.7	1	62	284	4	700	3003	0	2.1	7.3	0	35	286	3	700	3036	3	1.7	5.6	3	50	252	4
850	1441	1	10.3	6.1	1	20	259	1	850	1416	0	11.3	7.2	0	23	282	2	850	1441	3	11.5	7.8	3	40	221	3
987	* 168		13.2	1.9					993	* 101		19.0	8.0					983	* 205		18.3	7.3				
ASIA - RUSSIAN FEDERATION (IN ASIA) KORF 25954 JUL 2005 6021N 16600E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) VERHNEE DUBROVO 28445 JUL 2005 5644N 06104E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) OMSK 28698 JUL 2005 5456N 07324E OB 3								
030	24450	27	-45.2	15.3	9	99	77	4	030	24440	30	-46.9	13.0	9	99	95	8	030	24436	14	-47.5	18.8	9	96	83	5
050	21056	11	-48.1	12.6	9	84	54	3	050	21095	12	-49.4	12.1	9	15	270	0	050	21088	3	-49.3	16.5	3	40	40	1
100	16511	3	-50.7	10.4	4	87	303	6	100	16567	0	-50.6	10.9	0	75	283	6	100	16583	1	-50.0	14.1	1	82	274	7
150	13874	1	-50.5	8.4	1	87	298	10	150	13913	0	-48.3	9.9	0	74	285	7	150	13924	0	-47.8	11.7	0	74	275	8
200	12011	0	-53.6	5.7	0	79	295	15	200	12016	0	-50.1	7.9	0	51	277	6	200	12029	0	-49.6	8.4	0	55	283	8
300	9357	0	-41.0	6.3	0	63	295	11	300	9341	0	-41.9	7.3	0	38	272	6	300	9351	0	-40.1	7.6	0	43	283	8
500	5680	0	-14.2	10.5	0	63	300	7	500	5682	0	-14.8	10.5	0	37	279	3	500	5668	0	-13.0	10.9	0	37	289	5
700	3050	0	1.0	8.0	0	38	294	3	700	3055	0	9	8.6	0	34	294	2	700	3030	0	3.0	8.4	0	34	292	3
850	1465	0	8.2	5.6	0	20	284	1	850	1469	0	10.5	5.1	0	30	341	2	850	1437	0	12.0	5.2	0	31	320	3
1012	* 4		13.1	3.7					977	* 290		17.4	5.2					996	* 90		19.7	6.2				
ASIA - RUSSIAN FEDERATION (IN ASIA) KOLPASEVO 29231 JUL 2005 5819N 08254E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) EMEL'JANOVO 29572 JUL 2005 5611N 09237E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) KIRENSK 30230 JUL 2005 5746N 10804E OB 0								
030	24417	29	-46.8	12.0	9	99	63	5	030	24430								030	24458	27	-48.1	16.0	9	95	84	5
050	21038	28	-47.9	11.0	9	45	48	1	050	21094	28	-50.7	11.5	9	98	47	4	050	21120	15	-49.5	13.9	9	61	39	2
100	16508	15	-48.6	9.5	9	84	247	5	100	16586	7	-51.1	9.9	9	83	259	6	100	16593	7	-50.7	11.5	7	73	275	5
150	13854	12	-47.8	8.0	9	71	248	6	150	13958	1	-49.6	8.6	1	80	250	7	150	13942	6	-48.9	9.9	7	79	260	8
200	11957	11	-49.8	6.1	9	63	242	8	200	12055	0	-52.2	6.3	1	61	240	9	200	12055	6	-50.0	7.4	6	70	253	10
300	9312	8	-42.0	5.5	8	55	237	10	300	9394	0	-40.9	6.6	0	54	238	9	300	9382	5	-40.9	6.6	5	51	259	8
500	5648	7	-14.9	6.9	7	51	233	6	500	5705	0	-13.0	8.4	0	59	243	5	500	5701	4	-13.5	9.6	5	59	275	5
700	3022	6	1.0	4.5	6	48	241	4	700	3057	0	3.5	6.4	0	55	241	4	700	3060	4	2.5	7.4	4	57	271	3
850	1432	6	10.6	4.3	6	41	221	3	850	1449	0	14.3	6.1	0	33	249	2	850	1455	4	13.7	7.2	4	26	5	1
997	* 75		17.8	3.5					983	* 206		20.0	4.6					978	* 259		19.7	5.6				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
ASIA - RUSSIAN FEDERATION (IN ASIA) CHITA 30758 JUL 2005 5205N 11329E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) ALDAN 31004 JUL 2005 5837N 12522E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OHOTSK 31088 JUL 2005 5922N 14312E OB 3										
030									030	24403	27	-47.3	12.0		9	97	89	6	030	24386	25	-46.9	15.9		9	94	89	6
050	21047	18	-52.6	11.0	9	27	350	1	050	21045	19	-49.7	11.7		9	49	56	1	050	21016	15	-48.9	14.3		9	50	72	1
100	16607	5	-54.3	10.2	5	81	273	10	100	16550	9	-50.9	10.4		9	86	281	6	100	16492	2	-50.8	11.5		2	61	284	4
150	13987	2	-50.9	9.0	2	86	271	15	150	13903	8	-49.7	9.0		8	89	283	9	150	13850	2	-49.9	9.6		2	58	280	5
200	12115	1	-50.3	7.1	1	73	259	15	200	12031	7	-52.8	6.5		7	81	293	15	200	11984	0	-51.9	7.2		0	35	265	5
300	9421	1	-37.3	6.5	1	60	250	10	300	9355	7	-39.7	6.3		7	68	301	11	300	9318	0	-40.4	7.2		0	17	232	3
500	5701	0	-10.6	9.9	0	46	277	5	500	5666	7	-12.8	7.0		7	64	294	6	500	5638	0	-13.4	8.7		0	22	250	3
700	3044	0	4.5	4.8	0	37	319	3	700	3027	6	2.6	5.0		6	35	287	2	700	3009	0	1.4	5.8		0	20	222	2
850	1438	0	16.0	8.1	0	30	336	2	850	1435	6	12.3	5.5		6	29	272	2	850	1426	0	9.8	5.6		0	20	189	1
930	* 671		19.6	6.8					930	* 79		16.8	4.8						1009	* 6		11.6	1.7					
ASIA - RUSSIAN FEDERATION (IN ASIA) BLAGOVESCHENSK 31510 JUL 2005 5032N 12730E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HABAROVSK 31736 JUL 2005 4832N 13514E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) VLADIVOSTOK (SAD GOROD) 31977 JUL 2005 4316N 13203E OB 3										
030									030	24345	18	-51.4	13.5		9	96	82	6	030	24283	24	-51.4	11.9		9	96	87	8
050	20947	28	-52.1	9.3	9	96	37	5	050	21034	2	-54.3	11.1		2	65	40	2	050	21012	14	-57.1	10.3		9	90	68	4
100	16488	24	-53.7	9.0	9	94	324	7	100	16621	1	-55.5	9.5		1	79	284	9	100	16677	5	-60.4	9.3		5	81	277	11
150	13872	23	-54.1	7.7	9	84	310	5	150	14027	0	-53.0	7.9		0	76	288	14	150	14120	2	-54.7	8.5		2	84	273	17
200	12050	23	-57.5	6.5	9	46	322	3	200	12177	0	-52.7	6.1		0	64	293	14	200	12265	0	-50.4	7.0		0	79	274	19
300	9384	23	-37.4	8.3	9	24	64	1	300	9470	0	-34.2	7.2		0	60	302	10	300	9527	0	-32.6	7.4		0	71	278	12
500	5655	23	-10.2	4.6	9	68	119	4	500	5709	0	-9.3	8.4		0	54	295	5	500	5738	0	-7.2	7.8		0	69	276	7
700	2997	23	4.2	3.9	9	90	114	5	700	3042	0	4.8	4.4		0	13	302	1	700	3054	0	7.0	5.6		0	52	271	4
850	1397	23	13.6	2.9	9	91	119	7	850	1440	0	14.1	4.8		0	27	105	1	850	1443	0	14.4	3.2		0	43	237	3
983	* 177		21.9	5.8					998	* 72		20.9	3.5						997	* 82		18.4	1.9					
ASIA - RUSSIAN FEDERATION (IN ASIA) JUZHNO-SAHALINSK 32150 JUL 2005 4657N 14243E OB 1									ASIA - RUSSIAN FEDERATION (IN ASIA) PETROPAVLOVSK-KAMCATSKIJ 32540 JUL 2005 5305N 15835E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) ORENBURG 35121 JUL 2005 5141N 05506E OB 3										
030									030	24295	10	-49.5	12.5		9	98	85	6	030	24383	11	-49.0	14.6		9	95	82	7
050	21007	13	-54.6	10.7	9	80	75	3	050	20995	4	-52.0	12.2		4	62	70	2	050	21064	11	-52.2	13.3		9	54	94	1
100	16606	2	-57.3	9.3	2	73	281	8	100	16552	0	-54.3	10.0		0	81	265	7	100	16624	11	-54.0	11.3		9	91	278	10
150	14022	1	-53.5	8.6	1	76	281	14	150	13952	0	-52.9	8.1		0	84	266	11	150	13998	11	-50.1	9.8		9	94	277	15
200	12167	0	-51.4	7.2	0	70	279	17	200	12098	0	-52.4	6.4		0	71	261	13	200	12121	11	-51.7	7.4		9	83	270	14
300	9457	0	-34.7	7.6	0	70	281	12	300	9405	0	-37.3	7.2		0	46	256	7	300	9445	11	-38.2	8.0		9	66	268	9
500	5701	0	-9.1	10.5	0	60	288	5	500	5691	0	-11.6	10.4		0	24	261	2	500	5732	10	-11.4	9.8		9	66	251	6
700	3035	0	4.7	8.0	0	37	284	3	700	3048	0	2.5	6.0		0	9	175	1	700	3080	10	4.7	8.4		9	58	225	4
850	1438	0	11.3	4.5	0	20	212	1	850	1461	0	10.4	5.8		0	17	319	1	850	1473	10	16.2	10.8		9	41	164	3
1007	* 24		15.8	2.4					1002	* 84		13.8	3.2						995	* 117		24.1	12.7					

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps					
ASIA - KUWAIT KUWAIT INTERNATIONAL AIRPORT 40582 JUL 2005 2913N 04759E OB 3									ASIA - QATAR DOHA INTERNATIONAL AIRPORT 41170 JUL 2005 2515N 05134E OB 3									ASIA - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT 41217 JUL 2005 2426N 05439E OB 3													
030	24192	5	-53.2	29.8	6	99	88	20	030	24034	8	-55.1	32.3	9	99	87	25	030													
050	21002	1	-62.5	25.5	2	98	94	17	050	20842	4	-64.7	27.4	5	98	94	19	050													
100	16910	1	-73.3	15.8	1	95	116	14	100	16799	4	-77.3	12.0	5	98	96	26	100	16786	0	-77.5	12.5	1	99	92	27					
150	14463	1	-59.3	19.6	1	82	122	8	150	14395	4	-62.3	12.6	5	96	100	15	150	14386	0	-62.7	13.3	1	96	95	16					
200	12608	1	-46.3	22.7	1	63	136	4	200	12562	4	-48.2	16.7	5	92	98	9	200	12553	0	-48.1	16.3	0	94	92	11					
300	9798	1	-26.2	31.4	1	39	124	2	300	9764	4	-26.6	25.8	5	75	91	5	300	9754	0	-26.5	23.6	0	90	85	7					
500	5917	1	-2.6	27.3	1	20	174	2	500	5897	4	-4.3	17.5	6	83	81	9	500	5883	0	-4.8	16.5	0	73	68	6					
700	3158	1	16.8	27.0	1	65	312	5	700	3141	4	16.8	26.2	6	65	338	6	700	3133	0	17.0	24.8	0	28	12	2					
850	1468	1	30.6	32.6	1	93	324	10	850	1452	4	29.9	29.3	6	87	330	9	850	1444	0	29.0	24.3	0	55	292	3					
993	* 55		40.0	34.6					997	* 10		32.6	11.0					995	* 27		35.9	12.4									
ASIA - OMAN SEEB, INTERNATIONAL AIRPORT 41256 JUL 2005 2335N 05817E OB 1									ASIA - OMAN SALALAH 41316 JUL 2005 1702N 05405E OB 3									ASIA - BANGLADESH DHAKA 41923 JUL 2005 2346N 09023E OB /													
030	24022	30	-57.3	1.1	9	99	86	27	030	23909	11	-56.2	31.9	9	99	89	27	030	23987	12	-56.6		9	99	89	26					
050	20866	12	-65.3	10.2	9	99	91	22	050	20727	5	-65.6	27.7	5	99	84	24	050	20799	8	-66.0		9	99	86	23					
100	16786	3	-77.7	7.6	3	99	89	27	100	16660	5	-79.1	7.9	5	99	93	35	100	16741	7	-78.1		9	98	86	23					
150	14388	2	-62.9	10.3	2	97	95	20	150	14286	5	-65.1	9.6	5	99	96	29	150	14357	7	-64.5		9	93	75	19					
200	12557	1	-47.8	13.3	1	97	90	13	200	12476	5	-50.8	10.6	5	99	93	23	200	12534	7	-48.7		9	89	76	14					
300	9759	1	-26.7	17.3	1	95	80	8	300	9709	5	-29.2	10.1	5	98	79	12	300	9732	7	-26.1	10.6	9	87	103	9					
500	5859	0	-5.2	9.9	0	68	60	8	500	5867	4	-5.1	11.7	4	74	21	6	500	5846	7	-2.5	5.5	9	68	143	5					
700	3136	0	16.6	20.1	0	56	80	7	700	3129	4	15.3	16.3	4	79	352	6	700	3098	7	11.7	4.8	9	30	155	3					
850	1449	0	27.7	18.3	0	86	287	5	850	1448	4	25.5	16.2	4	74	240	7	850	1445	7	19.6	4.7	9	61	170	5					
997	* 8		31.2	7.7					1001	* 20		24.8	1.9					1002	* 9		26.9	1.7									
ASIA - INDIA SRINAGAR 42027 JUL 2005 3405N 07450E OB 3									ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 JUL 2005 2835N 07712E OB 3									ASIA - INDIA JODHPUR 42339 JUL 2005 2618N 07301E OB 3													
030									030									030													
050									050	20922	7	-52.4	12.9	7	90	120	18	050													
100									100	16634	0	-75.9	9.1	0	97	109	14	100	16653	4	-73.4	9.3	9	93	83	17					
150									150	14266	0	-63.9	11.7	0	72	107	7	150	14273	2	-64.4	10.9	3	86	83	12					
200	12496	10	-47.9		9	95	220	10	200	12454	0	-46.1	12.0	0	51	134	4	200	12476	1	-49.7	12.2	2	85	93	8					
300	9690	2	-26.7	9.0	9	82	250	11	300	9662	0	-26.3	11.1	0	19	103	1	300	9675	1	-26.7	14.0	2	71	79	4					
500	5819	0	-4.5	7.8	9	58	260	3	500	5796	0	-2.1	.3	0	28	45	2	500	5811	0	-2.9	14.0	1	54	333	3					
700	3085	0	13.2	7.0	1	40	305	1	700	3053	0	11.7	5.1	0	53	29	4	700	3064	0	13.2	9.8	0	64	278	4					
834	*1587		22.8	5.6					850	1391				0	22	351	1	850	1411	0	21.8	6.3	0	67	259	5					
									967	* 216		27.8	2.8					974	* 224		31.9	9.1									

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
ASIA - INDIA GAUHATI 42410 JUL 2005 2606N 09135E OB 3									ASIA - INDIA PATNA 42492 JUL 2005 2536N 08506E OB 3									ASIA - INDIA AHMADABAD 42647 JUL 2005 2304N 07238E OB 3								
030									030									030								
050									050									050								
100	16571	5	-76.0		5	92	82	16	100	16626	6	-75.4						100								
150	14215	2	-66.5		2	84	78	12	150	14255	4	-66.9						150								
200	12413	2	-51.7	7.5	2	59	72	8	200	12454	3	-51.2						200								
300	9644	2	-27.4	11.2	2	59	88	5	300	9673	2	-26.2	10.5					300	9757	9	-25.1	22.4				
500	5775	2	-3.5	4.8	2	52	155	3	500	5796	1	-2.8	7.4	4	45	114	3	500	5837	3	-1.2	7.6	6	73	10	5
700	3050	1	10.6	2.8	1	27	198	2	700	3059	1	11.0	4.8	1	38	110	3	700	3082	0	13.9	7.6	4	67	313	4
850	1415	1	18.4	2.1	1	43	230	3	850	1416	1	19.1	3.6	1	43	114	3	850	1430	0	19.9	1.6	4	96	258	7
995	* 54		28.4	2.2					993	* 60		27.8	1.5					995	* 55		29.6	5.0				
ASIA - INDIA CALCUTTA/DUM DUM 42809 JUL 2005 2239N 08827E OB 3									ASIA - INDIA NAGPUR SONEGAON 42867 JUL 2005 2106N 07903E OB 3									ASIA - INDIA BHUBANESWAR 42971 JUL 2005 2015N 08550E OB 3								
030									030									030								
050	20815	2	-55.0						050									050								
100	16584	1	-75.5						100	16512	7	-74.7	8.1	7	97	87	22	100	16611	7	-76.3		7	95	85	24
150	14217	0	-68.0						150	14169	5	-69.1	9.4	5	96	79	22	150	14246	5	-68.8		5	95	78	19
200	12426	0	-52.8		0	97	76	14	200	12385	2	-53.0	10.6	2	93	74	15	200	12451	5	-52.6		5	97	80	14
300	9658	0	-28.0	6.2	0	93	167	9	300	9630	0	-29.0	9.4	0	83	84	7	300	9680	2	-28.0	8.2	2	79	90	7
500	5792	0	-2.6	5.7	0	32	136	3	500	5778	0	-3.6	3.7	0	12	327	1	500	5812	0	-2.9	6.1	0	7	346	1
700	3051	0	11.5	3.9	0	38	212	4	700	3055	0	11.0	2.5	0	64	295	6	700	3072	0	11.9	3.9	0	59	260	5
850	1409	0	19.6	2.8	0	49	199	5	850	1416	0	19.0	2.1	0	83	287	9	850	1425	0	20.3	3.4	0	61	260	5
999	* 6		28.3	2.3					966	* 310		26.8	2.9					996	* 46		28.3	2.2				
ASIA - INDIA BOMBAY/SANTACRUZ 43003 JUL 2005 1907N 07251E OB 3									ASIA - INDIA HYDERABAD AIRPORT 43128 JUL 2005 1727N 07828E OB 3									ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 JUL 2005 1742N 08318E OB 3								
030									030									030								
050									050									050								
100	16479	7	-73.6	7.9	7	90	84	21	100					7	96	75	26	100								
150	14127	2	-70.1	9.2	2	91	87	25	150	14176	7	-70.3		7	96	75	26	150	14201	4	-68.3		4	97	60	23
200	12352	1	-53.8	9.6	1	90	85	20	200	12402	3	-54.3		3	93	77	19	200	12400	3	-51.5		3	95	66	18
300	9610	0	-29.8	8.5	0	90	82	9	300	9656	3	-29.9	11.9	3	93	83	9	300	9630	2	-28.5	9.2	2	89	80	7
500	5772	0	-4.7	6.4	0	36	323	3	500	5811	1	-4.0	7.5	1	54	277	4	500	5770	1	-3.5	5.4	1	59	260	4
700	3056	0	10.3	7.4	0	83	284	8	700	3081	0	10.7	4.4	0	83	283	9	700	3039		10.4	2.9		79	261	7
850	1426	0	16.9	2.2	0	98	268	10	850	1439	0	19.4	3.7	0	76	281	9	850	1401		19.1	2.3		85	264	7
1001	* 14		28.5	3.1					943	* 545		26.0	3.9					993	* 66		28.5	3.0				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps				
ASIA - INDIA GOA/PANJIM 43192 JUL 2005 1529N 07349E OB 3									ASIA - INDIA MADRAS/MINAMBAKKAM 43279 JUL 2005 1300N 08011E OB 3									ASIA - INDIA MANGALORE/PANAMBUR 43285 JUL 2005 1257N 07450E OB 3												
030									030									030												
050									050									050												
100									100									100												
150									150									150												
200									200									200	14178	8	-68.2									
300									300	9646	9	-26.6				9	48	87	5	300	12361	5	-53.4							
500	5800	7	-4.6	6.1					500	5809	1	-4.2	8.7			1	64	259	7	500	9647	3	-31.2	10.0						
700	3082	2	9.3	6.5	7	88	299	11	700	3088	1	9.8	4.2			1	91	274	10	700	3113	2	8.9	6.2						
850	1456	2	17.3	1.7	7	97	289	10	850	1453	1	19.7	4.7			1	94	273	9	850	1481	2	17.1	3.0	3	98	285	11		
999	* 60		26.6	1.6					1002	* 16		30.7	8.2						1005	* 31		26.2	1.4							
ASIA - INDIA PORT BLAIR 43333 JUL 2005 1140N 09243E OB 3									ASIA - INDIA COCHIN/WILLINGDON 43353 JUL 2005 0957N 07616E OB 3									ASIA - INDIA MINICOY 43369 JUL 2005 0818N 07309E OB 3												
030									030									030												
050	20558	9	-59.0						050									050												
100	16447	4	-74.2						100									100												
150	14118	2	-69.3						150	14115	11	-72.8						150												
200	12362	0	-56.8						200	12344	0	-56.5						200	12404	8	-53.6			9	69	82	18			
300	9648	0	-32.1	6.9					300	9631	0	-32.3	10.5					300	9622	2	-33.7	10.5	5	59	97	13				
500	5835	0	-6.0	7.0	9	40	258	3	500	5816	0	-5.4	8.4					500	5799	0	-6.5	9.8	4	62	306	10				
700	3121	0	9.5	7.1	7	75	259	8	700	3103	0	9.0	4.6					700	3095	0	8.2	9.7	2	88	299	12				
850	1480	0	18.4	4.0	5	87	247	11	850	1477	0	16.6	2.4					850	1479	0	16.2	4.5	1	93	294	13				
998	* 79		26.8	2.9					1008	* 3		26.6	2.3					1009	* 2		28.5	3.0								
ASIA - INDIA THIRUVANANTHAPURAM 43371 JUL 2005 0829N 07657E OB 3									ASIA - HONG KONG, CHINA KING'S PARK 45004 JUL 2005 2219N 11410E OB 1									ASIA - REPUBLIC OF KOREA OSAN AB 47122 JUL 2005 3706N 12702E OB 3												
030									030	23957	16	-56.5	30.5			9	99	91	28	030	24193	0	-52.7	22.7			0	98	88	12
050	20612	7	-59.7						050	20769	8	-64.8	28.2			8	99	88	23	050	20943	0	-59.4	16.7			0	96	77	8
100	16436	0	-73.2						100	16699	3	-78.0	13.7			3	97	72	18	100	16704	0	-67.2	13.2			0	70	299	9
150	14093	0	-71.1		1	99	83	32	150	14319	3	-64.5	14.4			3	87	78	13	150	14226	0	-60.7	14.8			0	85	278	22
200	12333	0	-56.6		1	98	81	26	200	12501	2	-49.7	16.8			2	71	83	8	200	12392	0	-49.8	15.8			0	87	271	24
300	9622	0	-33.1	10.0	0	90	93	10	300	9722	1	-28.5	18.4			2	68	95	6	300	9625	0	-30.1	14.6			0	82	270	18
500	5821	0	-5.7	8.5	0	59	279	4	500	5870	1	-3.4	15.2			1	38	135	3	500	5796	0	-5.1	24.0			0	84	267	10
700	3106	0	9.2	7.0	0	91	292	11	700	3134	0	11.3	8.3			0	60	166	5	700	3081	0	9.6	10.3			0	78	271	6
850	1477	0	16.9	3.5	0	93	300	13	850	1486	0	19.2	4.4			0	50	176	4	850	1448	0	17.8	5.2			0	54	255	4
1001	* 64		26.4	2.6					1000	* 66		27.0	1.7						1000	* 52		24.6	2.3							

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
ASIA - REPUBLIC OF KOREA POHANG 47138 JUL 2005 3602N 12923E OB 3									ASIA - REPUBLIC OF KOREA KWANGJU AB 47158 JUL 2005 3507N 12649E OB 3									ASIA - JAPAN WAKKANAI 47401 JUL 2005 4525N 14141E OB 2										
030	24189	0	-52.9		0	98	87	13	030	24173	1	-52.9	23.1		1	99	88	14	030	24277	1	-50.9			2	97	78	7
050	20943	0	-59.9		0	97	81	9	050	20930	1	-60.2	15.6		1	98	82	10	050	20987	1	-55.1			1	88	70	3
100	16721	0	-68.4		0	58	306	7	100	16716	0	-69.5	10.7		0	63	310	7	100	16617	0	-58.9			0	75	284	8
150	14263	0	-61.8		0	80	281	19	150	14263	0	-62.0	12.4		0	83	284	18	150	14053	0	-54.7			0	77	278	15
200	12437	0	-50.4		0	82	273	20	200	12436	0	-50.0	14.3		0	83	277	20	200	12203	0	-52.1			0	71	281	18
300	9671	0	-29.7	11.2	0	83	267	18	300	9662	0	-29.2	14.7		0	80	269	16	300	9494	0	-35.0	8.1		0	62	286	11
500	5837	0	-4.8	19.0	0	83	272	11	500	5821	0	-4.3	23.5		0	83	264	11	500	5732	0	-9.0	13.1		0	52	285	5
700	3116	0	9.8	9.3	0	76	270	7	700	3099	0	10.3	10.3		0	80	267	8	700	3058	0	4.4	6.0		0	38	314	3
850	1474	0	18.2	6.1	0	58	272	4	850	1461	0	18.7	6.1		0	61	255	5	850	1451	0	12.4	5.4	2	24	245	2	
1007	* 6		25.2	3.7					1005	* 13		25.1	2.3						1008	* 11		16.1	2.6					
ASIA - JAPAN SAPPORO 47412 JUL 2005 4303N 14120E OB 2									ASIA - JAPAN NEMURO 47420 JUL 2005 4320N 14535E OB 2									ASIA - JAPAN AKITA 47582 JUL 2005 3943N 14006E OB 2										
030	24262	6	-51.4		6	98	84	8	030	24254	4	-51.5			6	98	84	8	030	24225	0	-52.4			0	99	84	9
050	20978	1	-56.3		2	91	65	4	050	20971	1	-56.2			2	86	73	4	050	20960	0	-57.7			0	96	75	5
100	16638	0	-60.8		0	71	286	9	100	16627	0	-60.4			0	65	284	7	100	16672	0	-63.7			0	73	293	9
150	14096	0	-56.3		0	76	279	18	150	14080	0	-56.2			0	70	279	16	150	14171	0	-59.4			0	80	281	21
200	12249	0	-51.4		0	71	281	20	200	12234	0	-50.8			0	66	277	19	200	12339	0	-51.1			0	76	282	24
300	9526	0	-34.0	8.2	0	61	286	13	300	9508	0	-34.5	11.1		0	54	270	11	300	9594	0	-31.5	9.4		0	78	280	19
500	5749	0	-7.9	11.4	0	64	286	8	500	5741	0	-8.9	9.4		0	49	264	6	500	5784	0	-6.4	12.9		0	75	277	11
700	3064	0	5.5	7.7	0	38	293	3	700	3063	0	5.3	8.6		0	36	250	3	700	3083	0	7.2	7.5		0	76	272	7
850	1454	0	12.5	3.5	0	24	191	2	850	1454	0	11.9	4.2		0	9	219	1	850	1461	0	14.8	3.9		0	70	237	5
1006	* 26		19.4	3.8					1006	* 39		12.3	.4						1007	* 7		22.1	3.2					
ASIA - JAPAN WAJIMA 47600 JUL 2005 3723N 13654E OB 2									ASIA - JAPAN TATENO 47646 JUL 2005 3603N 14008E OB 2									ASIA - JAPAN HACHIJOJIMA/OMURE 47678 JUL 2005 3307N 13947E OB 2										
030	24199	3	-52.9		3	99	82	11	030	24178	5	-53.3			5	99	83	11	030	24165	3	-53.1			3	99	84	14
050	20947	2	-59.0		2	97	74	7	050	20934	3	-59.3			3	96	80	8	050	20923	2	-60.0			2	97	81	11
100	16699	0	-67.1		0	66	298	8	100	16697	0	-68.2			0	65	311	7	100	16721	1	-70.9			1	54	346	6
150	14229	0	-61.6		0	80	282	20	150	14243	0	-62.5			0	77	290	17	150	14296	0	-64.0			1	71	302	13
200	12405	0	-50.8		0	78	280	22	200	12424	0	-51.1			0	76	284	19	200	12485	0	-51.4			1	71	293	13
300	9648	0	-30.3	8.4	0	78	277	18	300	9664	0	-30.0	6.8		0	82	281	15	300	9720	0	-28.8	11.1		1	82	278	12
500	5817	0	-5.1	13.3	0	78	277	11	500	5829	0	-4.8	7.0		0	83	271	11	500	5872	0	-4.3	10.0		1	86	272	11
700	3104	0	8.7	5.7	0	71	273	8	700	3113	0	8.6	3.9		0	71	276	7	700	3144	0	10.6	7.5		0	74	270	9
850	1470	0	16.5	4.5	1	79	248	7	850	1476	0	17.9	4.3		0	38	213	2	850	1495	0	19.8	6.8		0	76	262	8
1006	* 14		22.9	2.4					1004	* 31		22.9	2.7						990	* 153		23.8	.3					

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
ASIA - JAPAN YONAGO 47744 JUL 2005 3526N 13321E OB 2									ASIA - JAPAN SHIONOMISAKI 47778 JUL 2005 3327N 13546E OB 2									ASIA - JAPAN FUKUOKA 47807 JUL 2005 3335N 13023E OB 2								
030	24177	2	-53.1		2	98	81	12	030	24153	4	-53.2		5	99	84	14	030	24152	3	-53.6		3	99	82	13
050	20935	1	-59.8		1	97	78	8	050	20915	3	-60.4		3	98	81	11	050	20921	1	-61.0		1	98	80	10
100	16721	0	-69.1		0	61	309	7	100	16724	0	-71.3		0	56	331	6	100	16739	0	-71.3		0	54	333	6
150	14272	0	-62.5		0	76	283	16	150	14295	0	-63.6		0	69	296	12	150	14307	0	-62.9		0	75	287	13
200	12451	0	-50.3		0	74	276	18	200	12479	0	-50.7		0	70	282	12	200	12487	0	-50.2		0	78	275	14
300	9683	0	-29.3	10.9	0	79	279	15	300	9708	0	-28.6	9.2	0	72	288	11	300	9713	0	-28.3	9.4	0	73	278	12
500	5842	0	-4.3	11.3	0	75	279	11	500	5860	0	-4.5	12.5	0	70	280	9	500	5863	0	-4.3	11.7	0	73	275	10
700	3119	0	9.5	7.3	0	72	280	9	700	3135	0	10.4	6.5	0	70	279	9	700	3135	0	10.6	8.5	0	72	271	9
850	1479	0	17.9	3.5	0	79	257	7	850	1488	0	19.2	5.2	0	61	281	6	850	1488	0	19.4	6.0	0	68	248	7
1007	* 8		25.2	3.3					999	* 75		24.8	1.9					1006	* 15		27.2	4.9				
ASIA - JAPAN KAGOSHIMA 47827 JUL 2005 3133N 13033E OB 2									ASIA - JAPAN NAZE/FUNCHATOGE 47909 JUL 2005 2823N 12933E OB 2									ASIA - JAPAN ISHIGAKIJIMA 47918 JUL 2005 2420N 12410E OB 2								
030	24129	3	-53.9		3	99	80	15	030	24080	1	-54.6		1	99	83	19	030	24022	4	-55.5		4	99	84	23
050	20902	3	-61.6		3	98	83	12	050	20867	0	-62.4		0	99	83	15	050	20822	4	-63.7		4	99	86	19
100	16746	0	-73.1		0	54	2	5	100	16742	0	-75.8		0	79	44	8	100	16730	0	-77.7		0	94	71	14
150	14329	0	-63.6		0	68	297	10	150	14345	0	-64.0		0	41	339	5	150	14349	0	-64.2		0	74	71	9
200	12509	0	-50.0		0	68	292	9	200	12525	0	-49.6		0	30	312	3	200	12528	0	-49.3		0	65	80	8
300	9731	0	-28.4	9.2	0	68	288	8	300	9746	0	-28.5	10.8	0	37	320	2	300	9743	0	-27.9	14.5	0	44	107	4
500	5879	0	-4.1	15.8	0	66	283	9	500	5899	0	-4.6	12.0	0	49	278	5	500	5886	0	-3.7	13.3	0	54	137	5
700	3148	0	10.9	8.6	0	68	267	8	700	3167	0	11.9	9.8	0	36	248	3	700	3149	0	11.9	10.1	0	59	147	6
850	1500	0	19.7	6.0	0	60	260	5	850	1513	0	20.1	6.4	0	33	237	3	850	1496	0	19.6	4.4	0	62	165	6
1005	* 31		27.9	4.9					977	* 295		25.4	2.4					1007	* 7		28.8	3.9				
ASIA - JAPAN NAHA 47936 JUL 2005 2612N 12741E OB 2									ASIA - JAPAN MINAMIDAITOJIMA 47945 JUL 2005 2550N 13114E OB 2									ASIA - JAPAN CHICHIJIMA 47971 JUL 2005 2705N 14211E OB 3								
030	24045	3	-54.9		3	99	85	22	030	24053	5	-54.2		5	99	85	22	030	24062	4	-54.4		4	99	85	20
050	20841	1	-63.3		1	99	86	17	050	20839	5	-62.7		5	99	84	16	050	20842	3	-61.6		3	99	84	15
100	16736	0	-76.5		0	86	59	11	100	16720	1	-76.6		1	84	60	11	100	16692	0	-74.8		0	82	52	9
150	14349	0	-64.2		0	37	36	5	150	14336	0	-64.8		0	41	43	6	150	14305	0	-65.4		0	54	12	7
200	12529	0	-49.6		0	33	58	4	200	12522	0	-50.3		0	31	42	4	200	12501	0	-51.5		0	31	20	3
300	9748	0	-28.3	12.2	0	31	43	2	300	9748	0	-28.9	14.5	0	20	13	1	300	9740	0	-29.5	16.3	0	11	349	1
500	5899	0	-4.4	13.5	0	14	151	1	500	5906	0	-4.4	14.3	0	15	31	1	500	5902	0	-4.9	14.8	0	14	219	1
700	3165	0	12.3	12.0	0	35	167	3	700	3173	0	12.1	12.0	0	21	101	2	700	3179	0	10.8	9.3	0	30	200	3
850	1511	0	20.0	7.3	0	42	177	4	850	1520	0	19.8	6.8	0	20	131	2	850	1532	0	18.9	5.5	0	33	193	3
1007	* 27		28.7	4.5					1009	* 20		28.2	3.5					1012	* 8		27.1	2.7				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps					
ASIA - JAPAN MINAMITORISHIMA 47991 JUL 2005 2418N 15358E OB 3									ASIA - THAILAND CHIANG MAI 48327 JUL 2005 1847N 09859E OB 1									ASIA - THAILAND UBON RATCHATHANI 48407 JUL 2005 1515N 10452E OB 1													
030	24050	1	-54.5		1	99	84	23	030										030												
050	20833	1	-61.3		1	99	90	18	050										050	20767	5	-65.1				4	93	85	18		
100	16651	0	-71.7		0	94	51	12	100	16708	9	-78.1			9	97	80	23	100	16682	3	-79.0				3	93	80	21		
150	14256	0	-66.9		0	65	18	13	150	14327	9	-64.1			9	97	75	18	150	14316	1	-64.9				1	89	65	16		
200	12462	0	-52.8		0	61	12	10	200	12510	9	-49.2			9	95	75	12	200	12508	0	-50.1				0	85	50	10		
300	9718	0	-30.8	10.7	0	73	24	7	300	9723	9	-26.6	8.2		9	85	70	6	300	9732	0	-27.5	7.3			0	35	75	2		
500	5896	0	-6.0	6.9	0	67	59	4	500	5855	9	-2.6	5.1		9	32	155	1	500	5874	0	-3.2	5.8			0	20	230	1		
700	3182	0	9.7	8.9	0	47	105	3	700	3115	9	11.8	4.4		9	83	270	5	700	3139	0	11.0	4.6			0	74	265	5		
850	1543	0	18.0	6.0	0	61	117	4	850	1464	9	19.8	4.3		9	94	275	4	850	1492	0	19.7	4.5			0	87	265	7		
1013	* 9		27.6	4.2					971	* 314		25.0	2.1						994	* 127		25.2	1.1								
ASIA - THAILAND BANGKOK 48455 JUL 2005 1344N 10034E OB 1									ASIA - THAILAND SONGKHLA 48568 JUL 2005 0712N 10036E OB 1									ASIA - CHINA HAILAR 50527 JUL 2005 4913N 11945E OB 3													
030									030										030	24333	2	-50.0	9.5			2	83	83	5		
050	20742	7	-65.2		7	98	90	22	050	20698	4	-65.5			5	97	85	15	050	21029	1	-54.5	8.5			1	33	23	1		
100	16670	6	-79.6		6	97	85	25	100	16603	0	-78.7			0	98	80	20	100	16616	1	-55.1	7.8			1	80	286	8		
150	14308	6	-65.3	10.1	6	98	75	20	150	14250	0	-67.1			0	97	75	22	150	14017	1	-53.1	7.2			1	79	281	11		
200	12503	6	-50.5	8.8	6	85	70	10	200	12459	0	-52.1			0	95	65	14	200	12171	1	-54.5	6.2			1	50	263	8		
300	9732	6	-27.9	7.4	6	65	60	4	300	9707	0	-29.3	.6		9	86	65	7	300	9482	1	-36.4	6.9			1	43	263	6		
500	5875	6	-3.2	5.2	6	52	295	3	500	5869	0	-4.2	.7		1	36	265	2	500	5733	0	-9.7	7.1			1	27	292	3		
700	3143	6	10.7	5.1	6	78	285	6	700	3146	0	10.5	9.1		0	80	270	7	700	3057	0	5.7	5.2			0	25	8	2		
850	1497	7	19.7	5.6	7	91	270	10	850	1504	0	19.6	7.8		0	90	255	8	850	1437	0	15.6	4.8			0	33	66	2		
1008	* 20		26.6	2.9					1009	* 5		25.8	2.5						935	* 611		20.8	2.6								
ASIA - CHINA URUMQI 51463 JUL 2005 4347N 08737E OB 3									ASIA - CHINA BELJING 54511 JUL 2005 3956N 11617E OB 3									ASIA - CHINA LHASA 55591 JUL 2005 2940N 09108E OB 3													
030	24273	0	-52.8	11.0	1	89	86	8	030	24231	2	-52.6			2	92	89	11	030	24037	9	-56.0				9		88	20		
050	21021	0	-58.8	9.8	1	67	58	2	050	20982	1	-59.3			1		70	7	050	20863	3	-66.5				4		85	17		
100	16726	0	-61.2	8.9	0	95	269	18	100	16730	0	-64.9	22.3		0	86	298	12	100	16824	1	-76.0				1	92	71	11		
150	14170	0	-53.4	8.7	0	94	265	29	150	14222	0	-57.0	22.0		0	88	290	22	150	14412	0	-62.2	8.5			0	45	78	5		
200	12287	0	-46.1	8.6	0	94	262	31	200	12365	0	-47.9	22.1		0	87	283	26	200	12573	0	-47.6	5.9			0	22	10	2		
300	9543	0	-35.8	6.9	0	86	259	18	300	9605	0	-32.5	20.1		0	82	273	18	300	9761	0	-25.1	5.8			0	33	237	2		
500	5796	0	-9.7	7.3	0	78	266	7	500	5806	0	-6.2	21.1		0	75	280	9	500	5866	0	-1.4	2.8			0	60	231	3		
700	3112	0	8.0	10.1	0	80	352	4	700	3100	0	8.9	10.0		0	44	290	4	655	*3650		13.1	5.5								
850	1473	0	20.3	13.8	0	67	320	2	850	1458	0	19.4	10.1		0	33	292	2													
904	* 919		21.4	12.3					1001	* 55		25.6	6.8																		

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps						
ASIA - CHINA KUNMING 56778 JUL 2005 2501N 10241E OB 3									ASIA - CHINA SHANGHAI 58362 JUL 2005 3124N 12128E OB 3									AFRICA - MOROCCO CASABLANCA 60155 JUL 2005 3334N 00740W OB 1														
030	23988	5	-54.8		9	96	90	25	030	24129	0	-53.9		0			88	19	030													
050	20797	3	-65.6		9		85	21	050	20912	0	-62.2		0			80	14	050													
100	16755	1	-77.7		3	95	70	20	100	16778	0	-73.1		0	64	16	7	100	16679	9	-68.3	27.4	9	86	214	8						
150	14358	0	-63.4		0	89	66	17	150	14357	0	-63.0	11.1	0	69	306	9	150	14219	7	-62.0	27.1	8	94	247	20						
200	12531	0	-48.9	6.5	0	87	62	13	200	12531	0	-49.3	11.4	0	64	289	9	200	12402	6	-51.9	27.4	7	94	250	21						
300	9737	0	-26.9	7.6	0	78	73	7	300	9742	0	-27.1	11.6	0	64	259	7	300	9681	5	-34.8	27.1	6	94	247	15						
500	5859	0	-2.8	4.6	0	17	233	1	500	5875	0	-3.9	11.8	0	62	241	8	500	5920	3	-7.5	26.8	3	95	222	12						
700	3115	0	11.2	1.9	0	63	233	5	700	3142	0	11.6	8.8	0	67	226	8	700	3204	3	12.7	30.2	3	96	225	9						
808	*1892		18.8	2.6					850	1489	0	20.7	7.6	0	50	233	5	850	1549	3	21.6	25.5	3	40	205	2						
									1006	* 4		28.5	4.2					1010	* 62		21.7	2.0										
AFRICA - ALGERIA DAR-EL-BEIDA 60390 JUL 2005 3643N 00315E OB 3									AFRICA - ALGERIA BECHAR 60571 JUL 2005 3137N 00214W OB 3									AFRICA - ALGERIA IN SALAH 60630 JUL 2005 2712N 00228E OB 2														
030									030									030														
050		3	-59.1		4	94	90	8	050	20891	5	-61.0		7	91	90	10	050	20832	0	-62.5		9	98	110	18						
100	16695	1	-67.1		1	86	260	12	100	16714	1	-71.4		4	88	190	6	100	16708	0	-74.3		7	64	110	6						
150	14219	0	-60.7		0	91	270	21	150	14275	0	-62.8		4	80	250	12	150	14300	0	-64.0		4	62	210	6						
200	12395	0	-52.2		0	98	270	25	200	12464	0	-52.0		4	92	250	13	200	12488	0	-51.9		3	64	240	5						
300	9684	0	-36.0	19.9	0	93	280	20	300	9737	0	-34.0	26.1	5	87	250	9	300	9753	0	-32.4	28.7	1	46	270	3						
500	5936	0	-9.5	15.4	0	92	270	19	500	5971	0	-8.9	11.6	4	49	240	4	500	5964	0	-8.3	22.5	0	77	70	7						
700	3228	0	12.8	19.9	0	84	260	10	700	3247	0	15.7	23.6	2	75	210	6	700	3243	0	15.0	25.7	0	70	90	5						
850	1563	0	24.2	22.4	0	34	270	2	850	1507	0	31.7	36.5	3	85	210	8	850	1558	0	30.4	35.4	0	72	110	6						
1013	* 25		22.4	2.8					923	* 773		24.9	35.7					979	* 293		44.8	35.7										
AFRICA - ALGERIA TAMANRASSET 60680 JUL 2005 2247N 00531E OB 3									AFRICA - TUNISIA TUNIS-CARTHAGE 60715 JUL 2005 3650N 01014E OB 1									AFRICA - NIGER NIAMEY-AERO 61052 JUL 2005 1329N 00210E OB 2														
030									030									030														
050	20788	8	-63.8		9	98	90	21	050									050														
100	16697	2	-77.0		2	92	110	13	100	16688	11	-66.9	21.1	9	86	259	12	100	16619	7	-77.6	14.0	9	94	94	16						
150	14307	1	-64.8		1	84	120	9	150	14205	11	-59.3	23.9	9	96	271	25	150	14251	2	-67.2	12.9	2	92	96	16						
200	12500	0	-52.0		0	58	130	4	200	12369	11	-50.8	25.0	9	95	277	26	200	12459	2	-53.0	13.0	2	89	91	12						
300	9754	0	-31.1	29.1	0	63	100	4	300	9645	11	-36.0	19.9	9	93	283	22	300	9715	2	-30.9	13.1	2	90	91	9						
500	5944	0	-7.2	24.5	1	92	60	9	500	5898	11	-9.1	20.2	9	93	294	16	500	5896	2	-6.3	12.0	2	90	86	9						
700	3227	0	14.1	22.3	1	77	80	6	700	3197	11	10.3	18.0	9	85	286	12	700	3185	2	10.8	10.7	0	23	86	11						
850	1547	0	29.8	34.7	0	74	120	4	850	1555	10	19.8	16.3	9	57	292	4	850	1533	2	21.0	9.4	2	15	112	1						
866	*1378		30.7	29.8					1016	* 4		27.6	9.3					987	* 227		29.1	6.6										

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
AFRICA - SENEGAL DAKAR/YOFF 61641 JUL 2005 1444N 01730W OB 3									AFRICA - OCEAN ISLANDS (UK) ST. HELENA IS. 61901 JUL 2005 1556S 00504W OB 3									AFRICA - EGYPT MERSA MATRUH 62306 JUL 2005 3120N 02713E OB 3									
030	23897	2	-57.3	31.5	3	99	90	27	030	23875	12	-56.4							030	20945	11	-61.2	11.4	9	98	112	13
050	20720	1	-64.9	27.5	2	97	90	20	050	20681	10	-63.0			9	77	112	5	050	16817	6	-72.8	14.8	6	93	202	12
100	16624	0	-76.8	12.8	1	92	95	12	100	16585	10	-75.4			9	56	288	5	100	14377	4	-60.6	14.8	4	94	231	18
150	14255	0	-67.5	12.3	1	93	105	13	150	14195	10	-66.6			9	72	290	10	150	12529	4	-47.1	18.1	4	95	244	20
200	12465	0	-53.2	13.2	1	85	110	10	200	12409	10	-54.5			9	77	287	13	200	9728	4	-27.1	23.1	4	96	251	19
300	9722	0	-30.9	15.9	0	84	90	7	300	9686	10	-32.7	26.0		9	60	285	9	300	5884	4	-4.9	34.1	4	70	289	6
500	5905	0	-6.7	10.4	0	91	90	11	500	5888	10	-6.3	41.1		9	29	282	3	500	3158	4	11.6	31.9	4	74	329	6
700	3193	0	11.4	12.5	0	95	85	13	700	3184	10	8.5	32.1		9	28	8	2	700	1512	4	20.1	21.8	4	72	320	5
850	1540	0	20.9	12.7	0	57	85	4	850	1556	10	13.7	13.9		9	60	84	5	850	* 29		28.5	10.6				
1011	* 24		27.8	4.3					971	* 436		18.2	4.5														
AFRICA - EGYPT HELWAN 62378 JUL 2005 2952N 03120E OB 3									AFRICA - EGYPT ASSWAN 62414 JUL 2005 2358N 03247E OB 3									AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 JUL 2005 0902N 03845E OB 2									
030	24072	2	-54.2	32.6	2	98	91	16	030	24092	9	-58.0			9	93	95	21	030	20670	16	-66.4		9	99	91	18
050	20858	2	-63.2	29.9	2	97	97	15	050	20890	5	-63.3			5		95	21	050	16600	5	-77.3	17.8	9	99	94	21
100	16785	2	-75.2	19.3	2	92	150	11	100	16809	0	-76.6			2	98	115	22	100	14210	4	-66.3	14.7	9	97	96	32
150	14366	2	-61.9	21.3	2	85	190	10	150	14409	0	-62.9			0	95	120	18	150	12420	3	-53.4	15.0	7	96	86	24
200	12530	2	-48.1	28.1	2	85	214	9	200	12578	0	-48.5	21.6		0	96	110	12	200	9687	1	-31.4	14.7	3	92	68	13
300	9738	2	-27.4	36.5	2	90	233	11	300	9787	0	-27.4	26.9		0	94	110	7	300	5872	0	-6.5	6.1	0	88	74	8
500	5877	2	-3.6	46.8	2	69	240	6	500	5910	0	-2.8	35.0		0	72	210	3	500	3156	0	10.5	6.3	0		258	4
700	3147	2	12.2	38.8	2	64	265	4	700	3174	0	13.3	25.7		0	67	265	6	773	*2354		18.9	6.1				
850	1498	2	20.8	20.2	2	59	341	3	850	1507	0	26.5	26.7		0	84	320	7									
992	* 141		35.0	23.9					984	* 194		40.7	39.2														
AFRICA - SEYCHELLES SEYCHELLES INT. AIRPORT 63985 JUL 2005 0440S 05532E OB 3									AFRICA - MADAGASCAR FORT-DAUPHIN 67197 JUL 2005 2502S 04657E OB 3									AFRICA - SOUTH AFRICA BLOEMFONTEIN AIRPORT 68442 JUL 2005 2911S 02630E OB 3									
030	23793	0	-58.0	31.4	1	99	91	27	030	23899	0	-54.3	32.5		2	55	91	5	030	23891	4	-55.2					
050	20650	0	-67.0	26.2	1	74	85	7	050	20686	0	-62.3	30.2		2	16	126	1	050	20676	3	-61.3					
100	16572	0	-75.9	13.8	0	10	142	1	100	16531	0	-71.6	26.1		4	93	273	16	100	16482	3	-69.3					
150	14170	0	-65.4	10.8	1	98	69	33	150	14093	0	-62.7	29.1		3	94	282	30	150	14025	3	-61.1					
200	12388	0	-55.3	7.5	1	98	66	24	200	12279	0	-52.2	32.2		3	94	289	35	200	12211	3	-54.9	22.6				
300	9671	0	-32.8	11.0	1	68	98	7	300	9561	0	-35.7	34.2		2	88	281	28	300	9530	3	-38.8	26.8				
500	5867	0	-5.5	21.7	1	43	134	2	500	5836	0	-11.5	38.6		1	71	277	9	500	5842	2	-12.9	32.5				
700	3152	0	9.9	16.1	1	46	206	3	700	3176	0	4.7	37.3		1	20	251	2	700	3195	2	3.7	27.6				
850	1516	0	16.5	4.0	1	96	136	9	850	1575	0	11.2	12.9		1	30	354	3	850	1590	2	13.4	21.8				
1012	* 4		26.4	3.9					1022	* 9		22.6	6.9						875	*1359		1.5	6.2				

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND									
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
AFRICA - SOUTH AFRICA SPRINGBOK 68512 JUL 2005 2967S 01790E OB									AFRICA - SOUTH AFRICA DE AAR 68538 JUL 2005 3065S 02400E OB 3									AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 JUL 2005 2997S 03095E OB 3																	
030	23899	8	-55.4		9	99	276	7	030	23876	4	-55.6							030	23908	10	-54.9			9	99	278	3							
050	20682	2	-61.2		3	99	292	5	050	20657	2	-61.5							050	20686	3	-60.8			5	99	287	5							
100	16484	2	-69.7		3	99	272	23	100	16459	1	-68.5			9	99	268	16	100	16473	1	-67.9			2	99	263	20							
150	14031	2	-62.4		3	99	267	35	150	13993	1	-61.1			9	99	262	35	150	14000	1	-60.4			2	99	259	30							
200	12228	2	-55.2	17.1	3	99	263	37	200	12184	1	-55.2	17.8		9	99	256	38	200	12184	1	-54.9	20.6		2	99	249	33							
300	9546	2	-38.6	21.1	3	99	268	27	300	9512	1	-40.1	19.3		9	99	255	23	300	9514	1	-39.7	21.8		2	99	249	23							
500	5847	2	-11.9	28.0	3	99	272	12	500	5835	0	-13.7	25.4		4	99	258	11	500	5839	1	-14.0	25.3		2	99	257	10							
700	3185	1	5.2	29.2	2	99	301	8	700	3191	0	3.4	23.0		1	99	284	8	700	3196	1	3.8	24.0		2	99	247	5							
850	1575	1	14.5	22.9	2	99	335	5	850	1592	0	13.1	17.8		0	99	309	4	850	1594	1	12.4	16.4		2	99	283	2							
909	*1007		12.5	13.2					881	*1287		17.9	20.4						1024	* 14		14.9	3.5												
AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 JUL 2005 3397S 01860E OB 3									AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 JUL 2005 3398S 02562E OB 3									AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 JUL 2005 4021S 00953W OB 3																	
030	23859	1	-55.5		1	99	280	15	030	23853	12	-56.0			9	99	276	15	030	23627	11	-57.2			9	98	281	36							
050	20639	1	-59.7		1	99	285	14	050	20639	3	-59.4			3	99	280	12	050	20406	4	-58.4			6	98	281	32							
100	16380	1	-65.4		1	99	272	30	100	16369	3	-64.5			3	99	266	28	100	16054	0	-58.5			2	97	281	34							
150	13893	1	-60.5		1	99	267	39	150	13875	3	-60.1			3	99	260	38	150	13494	0	-57.3			2	96	280	40							
200	12087	1	-56.1	17.8	1	99	265	39	200	12064	3	-56.5	19.2		3	99	261	37	200	11682	0	-58.7	14.3		2	91	277	42							
300	9439	1	-41.9	17.3	1	99	268	27	300	9423	3	-42.8	15.0		3	99	263	26	300	9093	0	-47.6	9.9		4	90	285	38							
500	5783	1	-14.5	24.3	1	99	278	16	500	5781	0	-15.0	24.5		0	99	269	17	500	5523	0	-21.6	14.2		3	91	287	28							
700	3149	1	2.1	25.7	2	99	292	10	700	3153	0	1.9	26.4		0	99	276	11	700	2966	0	-6.7	14.5		3	85	278	19							
850	1558	1	10.5	18.5	2	99	311	6	850	1562	0	10.9	13.9		0	99	281	9	850	1426	0	1.0	7.0		4	83	270	15							
1017	* 46		11.2	1.9					1015	* 69		11.7	3.6						1005	* 54		9.7	3.7												
AFRICA - SOUTH AFRICA MARION ISLAND 68994 JUL 2005 4653S 03752E OB 3									N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 JUL 2005 7118N 15647W OB 3									N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 JUL 2005 6652N 16238W OB 3																	
030	23413	8	-59.8		8	99	273	52	030	24385	0	-44.0	28.4		0	97	75	6	030	24385	0	-43.9	26.9		0	97	89	6							
050	20225	0	-58.7		0	99	269	44	050	20966	0	-45.0	27.5		0	92	62	4	050	20972	0	-45.5	26.6		0	82	69	3							
100	15872	0	-57.7		0	99	264	40	100	16367	0	-47.9	23.5		0	49	41	3	100	16380	0	-48.2	25.7		0	41	33	2							
150	13309	0	-56.8		0	99	261	39	150	13692	0	-47.8	20.1		0	38	14	3	150	13710	0	-47.9	25.0		0	17	346	2							
200	11497	0	-59.3	16.8	0	99	261	39	200	11798	0	-50.3	14.2		0	25	18	3	200	11817	0	-50.1	18.5		0	12	324	1							
300	8920	0	-49.3	14.2	0	99	259	37	300	9154	0	-45.4	9.4		0	16	358	3	300	9187	0	-46.4	7.4		0	9	266	2							
500	5398	0	-24.9	12.6	0	99	262	27	500	5559	0	-19.6	18.7		0	19	351	3	500	5589	0	-18.7	11.6		0	27	251	3							
700	2876	0	-10.0	10.9	0	99	266	20	700	2983	0	-4.7	13.4		0	10	322	1	700	2998	0	-2.7	9.4		0	21	218	2							
850	1353	0	-1.4	7.1	0	99	270	17	850	1432	0	3.0	8.6		0	10	94	1	850	1431	0	6.7	7.6		0	11	162	1							
1002	* 21		4.1	2.5					1012	* 4		2.1	1.3						1009	* 5		14.1	5.0												

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
N AMERICA - USA (ALASKA) NOME 70200 JUL 2005 6430N 16526W OB 3									N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 JUL 2005 6110N 15001W OB 3									N AMERICA - USA (ALASKA) COLD BAY 70316 JUL 2005 5512N 16243W OB 3								
030	24361	2	-44.5	26.3	1	98	74	6	030	24299	5	-45.8	25.1	5	97	81	6	030	24298	2	-46.7	25.6	2	95	82	5
050	20960	2	-46.2	25.9	1	90	58	4	050	20909	5	-47.0	24.7	5	86	78	4	050	20930	2	-48.8	24.6	2	65	13	2
100	16383	2	-48.8	24.7	1	56	14	4	100	16350	2	-48.9	23.4	2	34	357	2	100	16408	2	-51.3	23.0	2	83	296	7
150	13717	1	-48.3	24.0	1	45	344	4	150	13688	1	-48.7	22.6	1	41	347	2	150	13765	3	-49.2	22.6	3	83	293	11
200	11827	2	-50.3	15.8	1	35	328	4	200	11800	1	-50.0	15.5	1	41	5	3	200	11880	3	-50.1	16.5	3	78	291	14
300	9199	2	-46.4	5.5	2	18	259	3	300	9184	0	-47.6	5.2	0	44	51	5	300	9224	1	-44.4	7.1	1	57	298	10
500	5596	2	-18.0	9.3	2	10	247	1	500	5597	0	-19.4	7.3	0	36	73	3	500	5605	0	-17.5	11.4	1	50	297	6
700	2998	2	-2.0	7.5	1	29	227	3	700	3013	0	-3.0	4.1	0	35	88	2	700	3005	0	-1.9	9.8	1	40	299	3
850	1427	1	7.1	7.0	1	38	207	3	850	1446	0	6.8	3.3	1	18	184	1	850	1439	0	4.6	3.4	2	33	318	2
1009	* 7		9.7	3.2					1005	* 40		14.3	3.7					1009	* 31		9.7	1.2				
N AMERICA - USA (ALASKA) YAKUTAT 70361 JUL 2005 5931N 13940W OB 3									N AMERICA - USA (ALASKA) SHEMYA AFB 70414 JUL 2005 5243N 17406E OB 3									N AMERICA - USA KEY WEST/INT., FL. 72201 JUL 2005 2433N 08145W OB								
030	24305	1	-46.2	23.9	1	95	86	6	030									030	24036	3	-53.8	12.4	3	99	94	22
050	20920	0	-47.5	23.2	1	64	122	2	050									050	20812	1	-61.4	8.5	1	99	88	20
100	16353	0	-48.9	22.8	0	74	245	3	100									100	16652	1	-73.2	6.8	1	95	65	10
150	13689	0	-48.3	22.0	0	65	253	3	150									150	14258	1	-66.3	7.5	1	61	44	7
200	11795	0	-49.1	16.2	0	41	239	3	200									200	12462	1	-53.1	8.9	1	49	50	6
300	9162	0	-47.8	5.5	0	34	136	4	300	9394	12	-38.9						300	9724	1	-31.4	9.6	1	68	62	4
500	5589	0	-20.1	10.2	0	31	135	2	500	5684	9	-12.8	15.4	9	62	293	8	500	5913	1	-6.2	11.4	1	73	91	4
700	3010	0	-3.7	4.0	0	25	144	2	700	3042	9	1.7	10.6	9	38	320	4	700	3198	1	9.7	10.1	1	61	123	4
850	1450	0	5.1	2.6	2	36	180	2	850	1454	9	8.7	8.8	9	33	316	3	850	1553	0	18.4	6.0	1	69	123	5
1011	* 9		11.4	.6					1010	* 31		8.3	.7					1015	* 6		27.9	4.2				
N AMERICA - USA SHREVEPORT/REG., LA. 72248 JUL 2005 3228N 09347W OB 2									N AMERICA - USA NEWPORT, NC 72305 JUL 2005 3447N 07653W OB 2									N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 JUL 2005 3615N 08634W OB 3								
030	24090	2	-53.9	23.1	2	99	89	14	030	24111	2	-52.4	23.9	2	98	93	13	030	24194	3	-51.7	20.2	4	97	88	11
050	20859	1	-60.7	18.7	1	98	84	12	050	20863	2	-60.0	19.1	2	97	84	11	050	20926	1	-58.2	13.6	2	97	82	9
100	16655	1	-70.8	10.2	1	40	76	3	100	16645	2	-70.7	8.9	2	34	352	3	100	16673	1	-68.2	9.3	1	31	283	2
150	14236	1	-65.0	9.8	2	76	252	8	150	14230	2	-66.6	6.8	3	69	299	10	150	14224	1	-63.2	10.3	1	88	255	14
200	12434	1	-53.2	10.1	1	81	258	10	200	12440	2	-54.1	7.2	2	72	287	10	200	12418	0	-52.8	11.1	0	62	220	15
300	9699	1	-31.9	14.2	1	63	273	5	300	9708	2	-31.8	10.7	2	67	276	7	300	9680	0	-32.1	13.2	0	76	246	9
500	5896	1	-6.9	11.8	1	27	276	2	500	5902	1	-6.8	9.0	1	77	267	7	500	5884	1	-6.9	17.3	1	65	244	6
700	3190	1	8.8	9.7	1	25	258	1	700	3197	1	8.5	8.2	1	75	272	6	700	3181	0	8.0	7.4	1	52	248	5
850	1552	1	18.6	6.4	1	37	219	2	850	1562	1	17.7	4.6	1	69	267	4	850	1546	1	17.6	5.4	3	56	262	4
1006	* 79		24.1	2.7					1016	* 11		24.1	1.1					995	* 180		22.2	1.6				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
N AMERICA - USA STERLING, VA. 72403 JUL 2005 3859N 07728W OB 3									N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 JUL 2005 4108N 10041W OB 3									N AMERICA - USA MEDFORD/MEDFORD- JACKSON COU 72597 JUL 2005 4222N 12252W OB 3									
030	24177	3	-51.6	24.4	3	98	89	10	030	24172	2	-52.9	22.1	2	97	86	8	030	24220	0	-51.6	14.1	0	96	83	8	
050	20909	3	-58.0	21.5	3	98	85	8	050	20911	1	-58.3	19.1	1	93	79	5	050	20946	0	-57.1	12.3	0	81	99	3	
100	16640	3	-66.7	13.5	3	60	278	5	100	16631	1	-65.1	14.0	1	79	292	7	100	16636	0	-63.5	10.5	1	93	256	13	
150	14185	2	-64.1	10.4	2	83	275	16	150	14150	1	-61.5	12.0	1	87	284	13	150	14134	0	-59.4	11.1	1	95	251	22	
200	12386	2	-54.1	9.5	2	84	270	19	200	12341	1	-54.5	11.6	1	75	279	12	200	12310	0	-53.2	12.1	1	92	250	25	
300	9662	0	-32.9	12.0	0	86	268	14	300	9641	1	-35.7	14.0	1	76	286	10	300	9605	0	-35.6	16.6	0	89	250	20	
500	5875	0	-7.8	16.0	1	86	276	10	500	5884	1	-8.6	13.5	1	74	298	8	500	5842	0	-7.9	21.0	0	91	238	13	
700	3178	0	7.9	13.0	2	85	275	8	700	3176	1	11.9	14.4	1	63	276	5	700	3145	0	8.9	19.4	0	85	234	7	
850	1550	0	16.6	5.6	0	64	307	4	850	1517	1	22.1	13.3	2	56	225	6	850	1513	0	16.1	11.2	1	13	218	1	
1007	* 98		21.5	1.4					918	* 849		18.5	3.9						969	* 405		16.8	6.0				
N AMERICA - USA CHANHASSEN, MN 72649 JUL 2005 4451N 09334W OB 2									N AMERICA - USA INT.FALLS/FALLS INT.MN. 72747 JUL 2005 4834N 09323W OB 3									N AMERICA - USA BISMARCK/MUN.,ND. 72764 JUL 2005 4646N 10045W OB 3									
030	24221	6	-51.5	23.5	6	97	84	8	030	24255	1	-50.0	23.6	1	86	85	6	030	24280	1	-50.1	20.5	1	96	82	6	
050	20945	5	-56.3	21.7	5	79	73	4	050	20954	0	-54.4	21.8	1	53	78	2	050	20979	0	-54.6	16.0	1	39	44	2	
100	16607	5	-61.4	17.7	5	81	282	9	100	16560	0	-57.4	19.8	1	86	273	9	100	16602	0	-59.4	12.5	3	88	276	10	
150	14077	4	-58.6	14.5	4	84	285	18	150	13997	0	-56.4	17.2	2	80	281	15	150	14060	0	-57.3	11.9	3	91	276	18	
200	12264	3	-54.7	10.4	3	78	275	23	200	12165	0	-54.1	13.1	0	85	278	21	200	12233	0	-54.8	11.2	3	86	270	20	
300	9570	3	-36.5	13.8	3	80	280	17	300	9485	0	-38.4	11.5	0	84	281	20	300	9544	0	-37.0	13.9	3	86	273	18	
500	5828	3	-9.7	16.3	3	82	278	11	500	5771	0	-11.5	17.2	0	85	274	13	500	5813	0	-10.3	18.4	3	87	272	13	
700	3146	3	6.9	12.4	3	71	270	8	700	3109	0	5.0	14.0	0	77	271	9	700	3132	0	7.3	15.5	3	81	277	7	
850	1522	2	15.9	6.6	2	59	257	5	850	1499	0	13.5	7.4	1	61	254	5	850	1502	0	17.8	10.4	3	22	256	2	
981	* 287		19.3	3.2					972	* 361		14.0	1.1						955	* 506		15.9	1.9				
N AMERICA - USA GREAT FALLS, MT 72776 JUL 2005 4728N 11123W OB 2									N AMERICA - USA SPOKANE, WA 72786 JUL 2005 4741N 11738W OB									N AMERICA - CANADA NORMAN WELLS UA, N.W.T. 71043 JUL 2005 6517N 12645W OB 3									
030	24270	2	-50.0	16.4	2	93	90	6	030	24254	0	-49.9	17.6	0	89	80	6	030	24367	0	-44.4	30.6	1	90	93	5	
050	20966	1	-54.4	13.4	2	3	93		050	20950	0	-53.9	14.6	0	10	100	1	050	20960	0	-46.0	30.2	2	62	108	3	
100	16581	1	-59.3	11.2	1	91	268	13	100	16560	0	-58.4	12.8	0	92	256	14	100	16359	0	-47.4	28.9	1	43	223	2	
150	14032	1	-56.7	11.0	1	93	268	23	150	14005	0	-56.3	12.5	0	93	258	25	150	13681	0	-47.6	26.9	1	54	270	3	
200	12201	0	-53.9	10.9	0	89	268	25	200	12172	0	-54.4	11.6	0	91	256	28	200	11784	0	-50.8	17.1	1	61	271	5	
300	9518	0	-38.0	12.4	0	88	268	23	300	9490	0	-38.3	13.2	0	89	254	25	300	9171	0	-47.0	6.2	1	56	279	7	
500	5796	0	-11.2	17.0	0	92	264	16	500	5773	0	-11.6	20.2	0	89	251	16	500	5579	0	-19.2	7.1	1	71	286	6	
700	3125	0	6.9	14.4	1	91	266	10	700	3113	0	4.8	18.0	1	89	245	10	700	2994	0	-3.2	5.4	1	78	292	5	
850	1496	0	18.3	17.0	1	71	253	5	850	1499	0	16.2	17.0	1	70	234	5	850	1431	0	5.6	4.8	1	59	311	4	
887	*1131		12.5	7.1					931	* 728		13.4	7.0						1002	* 95		10.8	4.5				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
N AMERICA - CANADA HALL BEACH UA,N.W.T. 71081 JUL 2005 6846N 08113W OB 3									N AMERICA - CANADA ALERT UA, N.W.T. 71082 JUL 2005 8230N 06220W OB 3									N AMERICA - CANADA PORT HARDY UA,B.C. 71109 JUL 2005 5041N 12722W OB 3								
030	24397	5	-43.9	31.3	9	82	92	6	030	24512	0	-41.6	33.4	2	61	117	3	030	24276	0	-49.1	26.7	2	85	93	5
050	20987	1	-45.8	31.3	7	60	105	3	050	21062	0	-43.2	32.7	2	40	144	2	050	20949	0	-52.1	25.5	1	47	225	2
100	16382	0	-46.3	31.2	5	30	198	2	100	16403	0	-44.3	32.0	3	18	212	1	100	16487	0	-54.0	23.5	1	92	252	14
150	13681	0	-45.0	31.0	4	42	213	4	150	13684	0	-43.7	31.1	2	32	227	3	150	13874	0	-52.2	21.5	0	93	256	23
200	11756	0	-45.2	26.6	4	43	215	6	200	11750	0	-43.8	27.5	1	40	238	4	200	12015	0	-52.5	15.4	1	90	254	29
300	9077	0	-45.8	8.1	4	42	207	8	300	9063	0	-46.7	8.5	3	33	220	6	300	9346	0	-41.2	9.2	0	85	259	25
500	5486	0	-20.1	11.5	2	40	216	5	500	5495	0	-21.7	9.4	2	33	224	4	500	5685	0	-15.8	10.5	0	85	256	15
700	2916	0	-5.4	7.8	3	25	227	3	700	2935	0	-6.3	7.2	0	36	223	3	700	3068	0	-.6	8.7	0	69	248	8
850	1370	0	2.0	5.2	2	11	225	1	850	1395	0	1.0	6.7	1	23	270	2	850	1494	0	6.7	5.2	0	46	221	4
1005	* 6		4.2	1.2					1006	* 65		2.5	2.0					1015	* 17		12.4	1.6				
N AMERICA - CANADA EDMONTON STONY PLAIN, ALTA 71119 JUL 2005 5332N 11406W OB 3									N AMERICA - CANADA SABLE ISLAND,N.S. 71600 JUL 2005 4356N 06001W OB 3									N AMERICA - CANADA YARMOUTH, N.S. 71603 JUL 2005 4352N 06606W OB 3								
030	24295	0	-48.3	26.9	0	80	105	4	030	24244	0	-50.5	28.2	2	97	88	8	030	24238	8	-50.9	26.1	7	97	87	8
050	20960	0	-51.6	25.9	2	37	231	2	050	20950	0	-55.4	25.4	4	81	84	5	050	20951	6	-55.5	24.7	7	70	78	4
100	16481	0	-52.9	24.6	0	90	261	12	100	16599	0	-60.9	19.3	0	72	274	7	100	16605	5	-61.5	19.5	5	77	282	8
150	13857	0	-51.4	22.5	0	92	262	20	150	14074	0	-59.5	15.4	0	81	270	16	150	14084	5	-60.0	15.0	7	85	280	19
200	11989	0	-51.7	16.7	0	88	261	26	200	12251	0	-53.3	13.1	0	77	266	19	200	12267	5	-52.9	13.6	5	81	283	22
300	9325	0	-42.3	8.8	0	84	259	24	300	9546	0	-36.0	13.8	0	76	256	18	300	9555	5	-35.8	11.2	5	77	276	19
500	5676	0	-16.2	9.8	0	89	261	13	500	5803	0	-10.3	14.8	0	84	259	12	500	5805	4	-9.5	18.3	4	80	275	12
700	3059	0	.0	4.6	1	86	276	9	700	3131	0	5.3	17.4	0	84	261	9	700	3127	4	6.1	16.9	3	77	272	8
850	1468	0	11.9	8.6	0	57	290	4	850	1520	0	13.0	9.1	0	78	259	7	850	1513	3	13.5	6.1	3	63	270	6
924	* 766		11.8	2.2					1016	* 4		15.9	1.6					1011	* 9		16.8	1.9				
N AMERICA - CANADA MANIWAKI,QUE. 71722 JUL 2005 4623N 07558W OB 3									N AMERICA - CANADA ST.JOHN'S UA,NLFD 71801 JUL 2005 4737N 05245W OB 3									N AMERICA - CANADA SEPT-ILES UA,QUE. 71811 JUL 2005 5013N 06615W OB 3								
030	24256	1	-50.4	25.7	2	94	83	7	030	24279	0	-50.0	28.0	1	96	91	7	030	24269	0	-49.5	27.4	0	94	91	6
050	20957	1	-54.6	24.7	2	72	69	3	050	20969	0	-53.9	25.9	5	66	84	3	050	20951	0	-53.0	26.3	0	48	93	2
100	16579	0	-59.0	20.4	0	75	277	9	100	16575	0	-58.6	21.0	0	72	265	7	100	16519	0	-55.7	24.3	0	74	271	8
150	14035	0	-57.2	18.0	0	78	273	18	150	14029	0	-58.5	15.8	0	77	259	15	150	13931	0	-54.1	22.1	0	77	273	16
200	12202	0	-53.1	13.8	1	79	272	23	200	12211	1	-54.1	12.0	0	68	254	20	200	12077	0	-51.3	18.3	1	70	278	19
300	9507	0	-37.4	11.3	0	78	274	20	300	9510	0	-36.9	8.7	0	69	246	19	300	9389	0	-40.1	11.4	0	63	275	17
500	5784	0	-11.7	15.6	0	75	282	11	500	5782	0	-11.4	12.6	0	75	249	13	500	5707	0	-13.6	17.5	0	68	281	11
700	3124	0	4.4	16.5	0	62	289	7	700	3119	0	4.4	14.6	0	76	246	9	700	3067	0	1.5	11.9	0	72	284	8
850	1518	0	12.8	8.8	0	53	285	4	850	1513	0	12.4	9.3	0	75	242	7	850	1479	0	10.5	7.5	0	58	291	5
994	* 173		16.2	.9					999	* 140		17.1	2.8					1006	* 53		14.5	4.4				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
N AMERICA - CANADA STEPHENVILLE UA,NFLD 71815 JUL 2005 4834N 05834W OB 3									N AMERICA - CANADA GOOSE UA,NFLD. 71816 JUL 2005 5318N 06022W OB 3									N AMERICA - CANADA LA GRANDE IV,QUE. 71823 JUL 2005 5345N 07340W OB 3								
030	24266	0	-49.4	29.2	1	93	89	7	030	24308	0	-48.6	23.6	1	91	91	5	030	24305	1	-48.5	26.5	1	89	90	5
050	20954	0	-53.7	27.6	2	54	82	2	050	20970	0	-51.7	22.9	1	38	80	2	050	20968	0	-51.2	25.9	1	25	84	1
100	16546	0	-57.1	24.5	0	75	265	8	100	16499	0	-53.2	22.2	0	73	263	7	100	16492	0	-53.3	24.3	0	78	276	8
150	13976	0	-55.9	20.4	0	81	263	15	150	13882	0	-52.0	20.2	0	77	263	14	150	13866	1	-51.6	22.6	0	83	276	14
200	12134	0	-51.8	16.1	0	75	259	20	200	12009	0	-50.0	16.3	1	70	265	18	200	12004	0	-50.6	17.6	0	75	279	18
300	9441	0	-38.6	11.1	0	72	251	19	300	9323	0	-41.0	8.0	0	63	262	18	300	9326	0	-41.4	11.7	0	73	278	16
500	5734	0	-12.3	14.3	0	78	256	12	500	5655	0	-15.2	10.7	0	67	271	11	500	5664	0	-15.6	12.7	0	79	276	13
700	3082	0	3.4	14.3	0	73	258	8	700	3031	0	.1	9.4	0	66	274	8	700	3042	0	.4	10.5	0	74	276	9
850	1484	0	11.0	8.3	0	63	254	6	850	1448	0	8.8	6.1	0	55	271	6	850	1459	0	8.5	6.6	0	72	276	7
1011	* 60		16.9	5.4					1005	* 36		15.8	6.0					975	* 307		15.1	5.3				
N AMERICA - CANADA MOOSONEE,ONT. 71836 JUL 2005 5116N 08039W OB 3									N AMERICA - CANADA PICKLE LAKE, ONT. 71845 JUL 2005 5127N 09012W OB 2									N AMERICA - CANADA THE PASS UA, MAN 71867 JUL 2005 5358N 10106W OB 3								
030	24275	1	-49.7	25.5	1	90	87	5	030	24290	1	-49.0	27.0	1	84	94	5	030	24291	0	-48.7	28.9	0	83	99	4
050	20952	1	-52.8	24.9	1	24	79	1	050	20965	1	-52.2	25.9	2	18	188	1	050	20958	0	-52.1	27.8				
100	16511	0	-55.1	22.9	0	82	279	9	100	16527	0	-55.2	23.7	1	87	277	10	100	16488	0	-53.1	27.2	0	90	265	10
150	13916	0	-54.0	20.3	0	82	278	16	150	13936	1	-54.1	20.2	1	87	280	18	150	13870	0	-51.8	25.1	0	89	265	16
200	12058	0	-51.2	16.6	0	76	279	20	200	12092	1	-52.6	15.0	1	83	278	22	200	12004	0	-51.8	16.9	0	83	260	21
300	9378	0	-40.7	12.2	1	76	280	18	300	9407	1	-39.6	13.1	2	81	283	19	300	9338	0	-41.8	8.8	0	80	266	19
500	5704	0	-14.1	16.2	0	83	280	13	500	5718	1	-13.3	14.4	1	81	279	13	500	5672	0	-14.8	13.4	0	81	269	12
700	3067	0	1.6	12.7	0	80	275	9	700	3073	1	2.7	12.2	1	78	274	9	700	3045	0	.8	7.6	0	74	274	8
850	1478	0	10.2	7.1	0	70	267	7	850	1476	1	11.2	7.2	2	65	265	6	850	1454	0	11.1	7.1	0	58	270	5
1012	* 10		15.6	3.2					968	* 389		15.6	3.0					978	* 274		15.1	1.5				
N AMERICA - CANADA KUUVJUAQ, UA,QUE. 71906 JUL 2005 5807N 06825W OB 3									N AMERICA - CANADA INUKJUAQ, QUE 71907 JUL 2005 5827N 07807W OB 3									N AMERICA - CANADA IQUALUIT, N.W.T. 71909 JUL 2005 6345N 06833W OB 3								
030	24328	27	-46.2	26.5		88	131	3	030	24334	1	-46.7	27.2	0	89	85	5	030	24373	6	-45.2	29.8	9	88	97	7
050	20975	25	-48.3	27.3		47	118	2	050	20966	1	-49.1	26.2	2	25	96	1	050	20982	6	-47.4	28.4	9	56	96	3
100	16460	5	-50.2	26.0	5	64	261	5	100	16436	1	-50.2	24.7	0	76	270	6	100	16413	4	-48.1	27.7		36	283	3
150	13799	3	-48.9	24.1	3	70	273	10	150	13782	1	-49.2	23.5	0	83	275	13	150	13730	3	-46.4	27.2	8	40	261	5
200	11906	3	-47.4	20.3	2	69	278	13	200	11874	2	-48.8	19.5	2	79	279	16	200	11814	3	-46.9	20.8		51	271	10
300	9219	3	-43.1	8.9	2	64	276	14	300	9216	1	-43.1	9.9	1	70	280	18	300	9134	1	-44.0	9.1	9	45	262	10
500	5580	2	-17.2	8.8	2	72	273	10	500	5582	1	-16.9	9.8	0	75	279	12	500	5521	0	-18.6	9.9		48	211	7
700	2978	2	-1.8	8.4	2	74	274	9	700	2977	1	-1.8	8.8	0	73	275	9	700	2934	0	-3.8	8.6		42	169	5
850	1410	2	5.1	4.0	2	68	273	7	850	1407	1	6.2	6.5	0	60	267	7	850	1381	0	2.5	4.8		57	139	7
1003	* 60		11.7	3.7					1004	* 6		8.3	1.7					1003	* 34		6.8	2.4				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
N AMERICA - CANADA CHURCHILL UA,MAN. 71913 JUL 2005 5844N 09405W OB 3									N AMERICA - CANADA CORAL HARBOUR UA, N.W.T. 71915 JUL 2005 6412N 08322W OB 3									N AMERICA - CANADA EUREKA UA, N.W.T. 71917 JUL 2005 7959N 08556W OB 3								
030	24340	0	-46.8	27.7	1	83	84	5	030	24367	0	-45.1	27.6	3	87	95	6	030	24486	0	-42.2	31.6	2	68	136	4
050	20974	0	-48.9	27.0	1	16	117	1	050	20972	0	-46.9	26.4	3	49	108	2	050	21042	0	-43.5	30.8	4	47	129	2
100	16435	0	-50.1	26.0	1	84	274	8	100	16393	0	-47.7	25.6	1	44	253	4	100	16390	0	-44.6	29.5	2	44	187	3
150	13780	0	-48.8	24.3	0	88	271	14	150	13707	0	-46.1	25.5	2	62	260	7	150	13677	0	-44.1	29.3	2	50	193	4
200	11890	0	-49.7	16.4	0	82	266	19	200	11794	0	-46.8	20.5	2	63	257	11	200	11747	0	-44.2	26.0	2	44	198	4
300	9231	0	-43.9	6.9	0	71	270	16	300	9122	0	-45.2	6.9	2	49	257	10	300	9052	0	-45.8	10.4	2	35	208	6
500	5594	0	-17.3	8.9	0	75	283	11	500	5516	0	-18.9	9.9	3	49	277	6	500	5484	0	-21.9	9.6	2	35	200	4
700	2994	0	-1.7	6.8	0	69	286	8	700	2932	0	-4.3	7.8	2	38	293	4	700	2929	0	-7.1	7.2	2	41	178	3
850	1423	0	6.6	4.5	0	52	286	5	850	1378	0	3.1	3.9	2	26	306	3	850	1393	0	.3	4.1	2	44	158	3
1005	* 29		12.1	1.5					998	* 57		7.7	2.2					1007	* 10		6.3	4.6				
N AMERICA - CANADA RESOLUTE UA, N.W.T. 71924 JUL 2005 7442N 09458W OB 3									N AMERICA - CANADA CAMBRIDGE BAY UA, N.W.T. 71925 JUL 2005 6908N 10504W OB 3									N AMERICA - CANADA BAKER LAKE UA, N.W.T. 71926 JUL 2005 6419N 09600W OB 3								
030	24446	0	-42.9	28.3	6	80	123	7	030	24394	1	-44.1	28.7	2	88	96	5	030	24365	5	-44.9	28.4	4	91	89	5
050	21013	0	-44.1	28.5	6	78	132	7	050	20979	1	-44.9	28.4	2	55	99	3	050	20966	5	-46.7	27.5	5	55	103	2
100	16373	0	-45.0	27.9	6	57	143	5	100	16357	1	-45.6	28.3	2	12	286	1	100	16380	5	-47.1	27.3	4	67	256	4
150	13661	0	-44.0	27.8	7	64	143	7	150	13650	1	-44.7	27.9	2	41	266	3	150	13685	4	-45.8	27.3	3	81	263	8
200	11726	0	-43.6	25.8	5	57	141	8	200	11724	1	-44.5	24.3	2	51	272	5	200	11771	4	-46.6	23.4	4	77	266	10
300	9031	0	-45.6	9.0	5	51	150	9	300	9045	1	-47.2	7.9	3	47	302	9	300	9101	4	-46.2	8.3	4	63	278	12
500	5456	0	-21.8	9.3	7	32	126	5	500	5477	1	-21.5	7.3	2	57	300	8	500	5518	4	-20.4	8.8	3	75	289	9
700	2900	0	-6.9	5.8	7	55	108	6	700	2919	1	-6.0	6.7	2	64	297	6	700	2946	4	-5.2	7.9	3	64	303	6
850	1363	0	.1	3.2	5	41	124	5	850	1376	1	1.3	5.1	2	59	313	5	850	1399	4	2.4	3.6	3	52	307	4
998	* 40		3.2	1.4					1004	* 26		5.1	1.4					1005	* 50		8.4	4.2				
N AMERICA - CANADA FORT SMITH UA, N.W.T. 71934 JUL 2005 6002N 11156W OB 3									N AMERICA - CANADA FORT NELSON UA, B.C. 71945 JUL 2005 5850N 12236W OB 3									N AMERICA - CANADA INUVIK UA, N.W.T. 71957 JUL 2005 6819N 13332W OB 3								
030	24328	0	-46.2	28.7	1	77	91	4	030	24350	3	-46.1	29.9	3	88	107	5	030	24389	1	-43.7	29.8	2	92	89	6
050	20951	0	-48.1	27.8	2	19	189	1	050	20973	2	-48.0	29.1	2	18	225	1	050	20969	1	-45.0	29.7	3	64	88	3
100	16399	0	-48.9	27.3	1	87	260	8	100	16413	2	-48.4	29.8	2	85	244	8	100	16357	1	-47.2	28.4	2	13	99	1
150	13731	0	-48.3	25.6	0	86	262	11	150	13743	1	-48.2	28.9	1	85	249	10	150	13675	1	-47.1	27.4	1	32	315	2
200	11836	0	-49.8	18.2	1	86	260	13	200	11849	1	-49.3	16.9	0	80	251	10	200	11773	1	-49.0	19.5	2	43	298	5
300	9196	0	-45.4	7.4	1	71	269	12	300	9215	0	-46.4	5.7	0	49	242	8	300	9135	1	-46.6	7.2	2	49	282	10
500	5592	0	-18.4	10.2	1	70	275	7	500	5614	0	-18.5	7.3	0	53	262	4	500	5551	1	-20.3	8.6	2	57	278	8
700	2999	0	-2.4	4.8	1	66	283	5	700	3020	0	-2.2	2.8	1	55	289	4	700	2976	1	-4.6	6.4	1	57	285	6
850	1427	0	8.1	6.0	1	35	292	2	850	1443	0	9.4	6.9	0	61	303	4	850	1423	1	3.1	5.8	2	55	304	4
984	* 203		11.5	2.3					965	* 378		10.7	1.1					1003	* 103		6.8	1.5				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
N AMERICA - CANADA WHITEHORSE, UA, Y.T. 71964 JUL 2005 6042N 13504W OB 3									N AMERICA - MEXICO AEROP. INTERNACIONALMEXICO, 76679 JUL 2005 1926N 09905W OB 3									N AMERICA - COSTA RICA JUAN SANTAMARIA 78762 JUL 2005 1000N 08413W OB 2									
030	24322	3	-45.4	28.6	2	88	97	5	030									030	23860	0	-58.6		1	99	90	31	
050	20927	1	-47.2	27.9	1	66	145	3	050									050	20711	0	-65.0		0	99	85	18	
100	16352	0	-48.3	27.5	0	69	238	3	100	16637	3	-76.6			4	266	9	100	16613	0	-76.4		0	83	80	7	
150	13684	0	-48.3	26.1	0	73	244	3	150	14273	3	-67.1			3	62	7	150	14258	0	-68.7		1	70	69	10	
200	11793	0	-49.6	17.3	0	41	230	3	200	12476	3	-52.5			3	45	6	200	12475	0	-54.0		0	71	70	8	
300	9174	0	-47.7	5.4	0	28	172	3	300	9720	3	-30.0	10.8		4	54	3	300	9735	0	-30.8		0	83	84	6	
500	5589	0	-19.7	7.6	0	18	163	1	500	5890	2	-5.7	5.1		3	263	5	500	5912	0	-5.6	6.8	0	59	115	4	
700	3007	0	-3.0	4.2	0	34	207	2	700	3159	2	13.5	9.9		3	34	3	700	3192	0	10.3	6.7	0	74	101	5	
850	1440	0	7.1	6.0	0	35	210	2	773	*2234		21.6	11.4					850	1547	0	17.0	4.7	0	90	91	5	
929	* 704		8.8	3.4														912	* 939		19.9	2.5					
N AMERICA - BARBADOS GRANTLEY ADAMS 78954 JUL 2005 1304N 05929W OB									N AMERICA - TRINIDAD AND TOBAGO PIARCO INT. AIRPORT, TRINIDAD 78970 JUL 2005 1037N 06121W OB 2									N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 78988 JUL 2005 1212N 06858W OB 3									
030	23935	10	-56.9	11.4	9	99	86	27	030	23915	2	-57.6			3	99	90	35	030	23899	4	-57.5		4	99	92	27
050	20759	9	-65.3	8.2	9	99	87	18	050	20750	1	-66.3			1	99	95	19	050	20735	1	-65.5		1	99	90	18
100	16645	9	-75.7	7.0	9	83	82	6	100	16650	1	-75.5			1	88	90	7	100	16615	1	-74.8		1	83	72	5
150	14266	9	-67.4	7.8	9	15	52	1	150	14264	1	-66.8			1	40	85	3	150	14237	1	-67.6		1	45	7	5
200	12478	9	-53.5	9.2	9	22	88	2	200	12471	0	-52.9			0	66	75	5	200	12449	1	-53.4		1	45	33	4
300	9739	9	-31.1	12.0	9	76	111	4	300	9727	0	-30.7	14.1		0	89	100	7	300	9707	1	-28.9	14.3	1	64	102	4
500	5917	9	-5.3	14.3	9	89	90	7	500	5902	0	-5.5	10.8		0	94	95	8	500	5886	0	-5.4	9.7	0	87	96	8
700	3201	9	9.7	10.1	9	91	94	8	700	3187	0	9.2	7.8		0	83	120	8	700	3168	0	9.7	7.0	0	90	114	9
850	1561	9	17.8	4.1	9	90	92	8	850	1548	0	17.7	3.5		0	72	130	7	850	1525	0	18.7	4.6	0	87	124	10
1010	* 56		27.4	3.2					1014	* 15		26.8	2.5					1006	* 62		26.6	3.1					
N AMERICA - COLOMBIA SAN ANDRES (ISLA)/SESQUICENT 80001 JUL 2005 1235N 08143W OB 2									S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 JUL 2005 0442N 07408W OB 3									S AMERICA - BRAZIL BELEM (AEROPORTO) 82193 JUL 2005 0123S 04829W OB 2									
030	23915	16	-58.2	10.3	9	99	91	28	030	23782	5	-61.0			9	99	91	32	030								
050	20744	14	-65.0	8.3	9	99	83	9	050	20650	0	-68.4			9	90	87	12	050	20672	12	-67.7	10.5	9	95	81	10
100	16635	10	-74.8	7.3	9	86	78	8	100	16570	0	-77.1			9	69	119	6	100	16596	3	-77.0	7.9	3	43	97	3
150	14265	21	-67.3	8.0	9	83	88	11	150	14206	0	-68.2			9	50	146	7	150	14224	3	-66.9	10.3	3	55	264	8
200	12473	10	-53.0	9.5	9	57	132	6	200	12420	0	-53.8			9	70	145	10	200	12434	3	-53.9	12.4	3	5	56	1
300	9738	10	-30.4	14.0	9	71	120	5	300	9684	0	-31.4	13.7		9	90	106	9	300	9701	3	-31.6	17.4	3	67	92	8
500	5898	10	-5.2	9.8	9	70	123	5	500	5867	0	-5.4	9.7		9	95	101	9	500	5884	3	-5.4	19.1	3	95	76	9
700	3177	10	10.2	7.8	9	65	115	5	700	3158	0	8.1	3.8		2	71	150	5	700	3174	3	8.1	8.6	3	99	94	9
850	1533	10	18.6	4.3	9	86	98	7	754	*2546		.9	1.1					850	1542	3	18.0	6.2	3	96	130	10	
1012	* 6		27.3	2.4														1013	* 16		27.4	3.7					

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 JUL 2005 0309S 05959W OB 2									S AMERICA - BRAZIL FORTALEZA 82397 JUL 2005 0346S 03836W OB									S AMERICA - BRAZIL FLORIANO 82678 JUL 2005 0646S 04301W OB 2										
030	23865	6	-56.9	25.5	9	99	94	25	030									030										
050	20703	4	-66.9	20.6	4	86	86	10	050	20642	10	-67.7			9	81	89	8	050	20662	5	-65.9			7	80	84	8
100	16603	2	-75.7	14.8	2	7	157	1	100	16574	5	-77.5			6	31	73	2	100	16589	1	-77.1			1	17	11	1
150	14225	1	-67.1	15.9	1	43	288	5	150	14204	4	-67.2			4	65	257	8	150	14218	1	-67.5			1	56	257	7
200	12433	1	-53.5	17.5	1	53	344	8	200	12418	3	-54.1			3	19	228	2	200	12434	1	-54.4			1	43	233	5
300	9698	1	-31.6	21.6	1	64	76	7	300	9691	3	-32.4	26.5		3	35	81	4	300	9705	1	-32.2	28.1		1	21	134	2
500	5883	1	-6.2	18.9	1	95	79	10	500	5877	3	-6.1	27.7		3	88	83	8	500	5893	1	-5.4	34.1		2	86	86	6
700	3177	1	7.9	6.5	1	88	82	8	700	3169	3	8.9	16.3		3	88	88	8	700	3177	1	8.4	14.0		2	71	101	5
850	1545	1	17.2	2.6	1	91	105	8	850	1541	3	15.6	6.8		3	95	130	10	850	1551	1	17.2	9.9		2	95	106	8
1005	* 84		25.5	1.8					1013	* 26		25.9	4.0						1003	* 123		26.3	8.8					
S AMERICA - BRAZIL CAROLINA 82765 JUL 2005 0720S 04728W OB 2									S AMERICA - BRAZIL PORTO VELHO (AEROPORTO) 82824 JUL 2005 0846S 06355W OB									S AMERICA - BRAZIL RECIFE (CURADO) 82900 JUL 2005 0803S 03455W OB 2										
030	23840	11	-58.1		9	99	96	22	030	23782	14	-59.8						030	23831	10	-57.8			9	98	91	23	
050	20689	4	-65.4		4	80	83	8	050	20630	5	-65.9			9	74	94	7	050	20667	3	-65.4			3	71	94	6
100	16606	1	-76.5		1	14	328	1	100	16555	2	-76.6			9	47	272	4	100	16591	1	-77.1			1	46	300	3
150	14223	1	-67.6		1	64	263	8	150	14187	2	-68.2			9	80	275	12	150	14214	1	-66.8			1	55	262	6
200	12449	1	-54.3		1	50	261	6	200	12405	1	-54.7			9	63	291	8	200	12426	1	-54.3			1	37	300	4
300	9718	1	-31.9	16.0	1	21	161	2	300	9684	1	-32.8	20.7		9	29	12	2	300	9698	1	-32.4	31.3		1	17	318	2
500	5903	1	-5.2	36.2	1	79	84	6	500	5878	1	-6.3	26.6		9	67	79	4	500	5888	1	-5.5	42.6		1	62	99	4
700	3188	1	8.0	15.5	1	75	70	9	700	3169	1	8.5	16.6		9	75	65	4	700	3178	1	8.6	19.5		2	33	87	2
850	1560	1	18.2	10.9	1	96	104	7	850	1540	1	16.9	6.3		9	89	87	6	850	1551	1	14.4	6.7		2	93	140	8
995	* 192		24.2	6.7					1005	* 102		21.6	1.0						1017	* 7		25.8	3.7					
S AMERICA - BRAZIL SALVADOR 83229 JUL 2005 1301S 03831W OB 2									S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 JUL 2005 1539S 05606W OB									S AMERICA - BRAZIL CARAVELAS 83498 JUL 2005 1744S 03915W OB 2										
030									030	23860	16	-58.1						030	23860	16	-57.5							
050	20664	10	-63.2		9	80	102	6	050	20674	14	-62.0						050	20673	14	-62.3			9	33	130	2	
100	16573	8	-76.6		9	78	283	9	100	16563	7	-76.2			9	93	282	12	100	16550	9	-75.1			9	88	268	14
150	14192	8	-64.5		9	57	256	8	150	14175	4	-67.6			9	88	271	15	150	14158	9	-67.0			9	83	272	18
200	12408	7	-54.8		8	56	254	8	200	12395	3	-54.8			6	82	275	16	200	12375	9	-55.0			9	80	269	18
300	9685	7	-32.4	32.8	8	57	250	6	300	9678	3	-33.6	26.1		4	86	277	16	300	9660	9	-34.1	25.5		9	79	275	15
500	5884	5	-6.2	37.7	5	18	283	1	500	5888	2	-6.5	37.0		3	47	282	4	500	5882	9	-7.4	39.0		9	47	267	4
700	3177	5	7.4	21.3	5	69	119	10	700	3185	2	6.8	17.4		3	25	343	2	700	3186	9	6.9	28.6		9	36	104	2
850	1560	5	13.1	4.8	5	90	128	8	850	1561	2	17.0	11.1		3	68	34	4	850	1576	9	11.9	7.0		9	72	125	4
1014	* 51		24.1	2.7					997	* 182		18.7	5.3						1022	* 3		22.2	2.0					

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps			
S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 JUL 2005 2028S 05440W OB 2									S AMERICA - BRAZIL TRINDADE (ILHA) 83650 JUL 2005 2030S 02919W OB 2									S AMERICA - BRAZIL GALEAO 83746 JUL 2005 2249S 04315W OB 2											
030									030	23880	8	-56.1			9	75	92	4	030	23909	14	-54.9	16.8						
050	20689	8	-60.8		9	58	282	4	050	20676	6	-62.4			7	73	274	4	050	20684	7	-60.1	14.0			7	93	270	6
100	16542	3	-74.8		6	91	278	16	100	16524	4	-73.6			5	90	272	18	100	16505	3	-72.1	10.6			3	91	268	20
150	14145	1	-66.6		2	95	277	26	150	14118	2	-66.2			3	90	273	22	150	14085	3	-65.0	12.3			3	90	270	30
200	12360	1	-54.9		2	92	273	28	200	12332	1	-55.6			2	81	272	24	200	12300	2	-55.6	13.8			2	91	273	32
300	9653	1	-35.0	26.5	1	88	274	24	300	9629	1	-35.2	25.1		1	90	269	22	300	9604	2	-36.2	17.9			2	85	266	23
500	5889	1	-7.9	31.5	2	37	241	5	500	5875	1	-8.9	38.5		1	76	255	8	500	5864	2	-9.6	23.8			2	65	242	8
700	3196	2	7.0	16.2	1	57	313	6	700	3188	1	6.6	26.1		1	33	177	2	700	3185	2	-5.2	16.3			2	50	274	4
850	1576	1	15.9	14.5	1	49	347	4	850	1582	1	9.8	5.5		1	56	94	4	850	1579	2	12.2	5.2			2	9	325	1
955	* 567		17.5	9.8					1024	* 5		23.8	6.8						1022	* 6		19.6	2.5						
S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 JUL 2005 2531S 04910W OB 2									S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 JUL 2005 3000S 05111W OB 2									S AMERICA - CHILE ANTOFAGASTA 85442 JUL 2005 2326S 07027W OB 2											
030									030	23816	15	-56.3	15.9		9	71	274	10	030	23875	0	-55.1	31.9			0	71	282	5
050									050	20598	5	-61.3	13.1		6	96	273	11	050	20651	0	-59.6	30.4			0	89	260	9
100	16458	10	-70.7	9.9	9	96	268	23	100	16367	2	-67.4	11.3		2	96	272	24	100	16479	0	-71.2				0	93	275	19
150	14013	8	-63.9	11.0	9	96	272	38	150	13888	2	-60.7	12.4		2	92	272	36	150	14047	0	-64.5	20.0			0	95	274	35
200	12228	7	-55.5	12.4	9	94	275	39	200	12082	2	-56.0	13.0		2	89	272	35	200	12254	0	-55.1	19.3			0	95	271	41
300	9550	4	-38.2	14.4	6	87	278	26	300	9429	2	-41.5	15.3		2	86	277	57	300	9557	0	-36.9	23.1			0	92	274	29
500	5830	2	-11.1	20.8	2	80	278	12	500	5766	1	-14.2	20.1		1	84	278	16	500	5826	0	-10.0	34.9			0	92	279	13
700	3163	1	4.8	19.6	3	81	285	8	700	3130	1	2.0	19.7		1	74	284	8	700	3138	0	9.0				0	76	306	5
850	1564	1	10.0	5.0	1	43	329	4	850	1546	1	8.2	9.0		1	67	296	6	850	1508	0	16.8	34.0			0	51	87	2
919	* 908		12.1	.8					1022	* 3		12.4	1.6						1004	* 140		11.7	3.8						
S AMERICA - CHILE ISLA DE PASCUA 85469 JUL 2005 2710S 10926W OB 1									S AMERICA - CHILE PUERTO MONTT 85799 JUL 2005 4126S 07306W OB 2									S AMERICA - CHILE PUNTA ARENAS 85934 JUL 2005 5300S 07051W OB 2											
030	23833	5	-56.0	30.6	5	92	276	9	030	23631	2	-60.1			2	97	263	25	030										
050	20613	3	-60.6	29.2	4	90	260	8	050	20444	1	-59.6			1	96	269	20	050	20041									
100	16387	2	-67.8		3	96	265	25	100	16102	0	-59.1			0	92	275	21	100	15755	3	-60.5	25.7			3	96	262	27
150	13919	2	-61.9	21.8	3	97	263	41	150	13540	0	-56.6			0	89	275	22	150	13216	3	-58.4	22.8			3	89	261	23
200	12121	1	-56.9	16.6	2	94	266	44	200	11726	0	-59.5			0	78	272	25	200	11420	3	-61.4				3	81	256	23
300	9456	1	-39.4	12.8	2	93	263	38	300	9141	0	-48.6	12.1		0	71	273	22	300	8877	2	-52.7	10.9			2	72	256	23
500	5757	1	-12.5	20.7	2	91	267	23	500	5589	0	-22.2	13.4		0	68	273	13	500	5389	1	-27.3	12.6			2	69	258	15
700	3109	1	3.0	24.6	2	82	275	13	700	3033	0	-5.5	13.6		0	60	282	8	700	2883	1	-11.1	14.9			1	70	255	11
850	1522	1	7.4	5.9	1	54	288	6	850	1484	0	2.9	11.0		0	50	312	6	850	1367	1	-3.0	7.9			1	71	253	9
1013	* 69		18.9	6.3					1009	* 90		5.8	.4						1003	* 43		1.2	2.0						

UPPER AIR

JULY 2005

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	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
S AMERICA - ARGENTINA RESISTENCIA AERO. 87155 JUL 2005 2727S 05903W OB 2									S AMERICA - ARGENTINA CORDOBA AERO 87344 JUL 2005 3119S 06413W OB /									S AMERICA - ARGENTINA EZEIZA AERO 87576 JUL 2005 3449S 05832W OB 3																	
030									030	23776	7	-56.6	28.9		9	69	273	12	030	23745	2	-58.2				3	84	270	16						
050									050	20577	1	-60.7	27.4		3	89	260	11	050	20542	1	-60.8				2	91	265	14						
100									100	16331	1	-65.2	23.4		3	95	273	26	100	16261	0	-58.5				1	96	270	25						
150	13974	4	-62.2						150	13839	1	-60.2	22.5		2	94	275	37	150	13740	0	-58.9				1	94	270	35						
200	12163	1	-55.4						200	12034	1	-56.8	17.8		2	90	273	35	200	11933	0	-57.9				1	90	265	34						
300	9493	1	-39.4	18.4	4	91	270	29	300	9395	1	-42.3	16.0		2	84	278	25	300	9314	0	-44.5	13.9	3	82	260	25								
500	5796	0	-11.8	25.0	1	87	275	14	500	5746	1	-14.7	20.7		3	80	274	13	500	5695	0	-17.3	17.7	3	81	270	15								
700	3131	0	4.6	23.9	1	60	313	7	700	3101	1	4.2	27.1		3	70	265	7	700	3086	0	-6	18.7	2	54	280	7								
850	1532	0	11.2	17.7	1	47	319	5	850	1509	1	8.9	11.8		7	27	241	2	850	1508	0	6.8	17.0	1	42	280	4								
1013	* 52		11.0	2.0					963	* 474		7.5	2.8						1018	* 20		8.8	1.5												
S AMERICA - ARGENTINA SANTA ROSA AERO 87623 JUL 2005 3634S 06416W OB /									S AMERICA - UK FALKLAND ISLANDS MOUNT PLEASANT AIRPORT 88889 JUL 2005 5149S 05827W OB									ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 JUL 2005 7530S 02639W OB 2																	
030	23705	1	-58.8		3	92	268	19	030	23128	1	-68.4	19.8		1	99	263	48	030	21255	7	-88.5	7.0	7	95	240	22								
050	20507	1	-60.8		2	96	263	16	050	20037	0	-64.8	20.0		1	98	261	40	050	18473	2	-86.8	7.1	2	95	232	18								
100	16206	1	-61.6		1	96	272	27	100	15760	0	-60.0	20.4		1	97	258	30	100	14622	1	-80.1	7.4	1	94	227	15								
150	13677	0	-58.4		1	79	271	27	150	13218	0	-58.5	18.2		0	94	256	26	150	12299	1	-74.9	7.7	1	84	226	13								
200	11867	0	-58.6		1	89	265	41	200	11416	0	-59.6	13.5		0	88	252	26	200	10616	1	-71.9	7.4	1	80	224	13								
300	9264	0	-46.0	13.2	2	71	275	26	300	8858	0	-52.3	10.7		0	77	248	24	300	8183	1	-62.8	7.5	1	68	223	13								
500	5666	0	-19.0	17.1	3	74	265	16	500	5380	0	-27.9	10.7		0	75	251	16	500	4883	1	-40.9	8.5	1	61	221	9								
700	3072	0	-1.7	19.9	1	49	267	6	700	2883	0	-11.7	11.4		0	73	249	11	700	2520	1	-26.5	8.6	1	38	212	4								
850	1503	0	6.0	17.5	2	22	232	2	850	1371	0	-3.5	7.6		0	70	243	10	850	1102	1	-22.3	6.7	1	23	65	2								
996	* 191		4.0	2.1					999	* 73		2.3	1.9						984	* 30		-28.5	3.1												
ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 JUL 2005 6633S 09301E OB 1									ANTARCTICA - GERMANY (ANTARCTIC) NEUMAYER 89002 JUL 2005 7040S 00815W OB 2									ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 JUL 2005 6900S 03935E OB 1																	
030									030	21350	6	-86.7	7.5		8	90	262	24	030	21430	0	-85.5				0	97	274	34						
050									050	18550	6	-84.7	7.6		8	87	256	20	050	18615	0	-84.0				0	96	275	28						
100	14844	14	-75.5	5.6	9	92	272	44	100	14675	6	-79.0	8.6		9	87	246	14	100	14725	0	-78.2				0	95	277	20						
150	12468	11	-72.7	5.5	9	82	274	29	150	12342	6	-74.4	9.7		8	77	245	11	150	12386	0	-74.0				0	92	283	15						
200	10775	11	-70.3	5.7	9	58	280	17	200	10657	5	-72.3	8.3		8	73	243	11	200	10702	0	-72.5				0	82	288	13						
300	8311	11	-59.2	6.6	9	44	295	13	300	8225	4	-62.8	7.8		6	66	239	11	300	8270	0	-62.0				0	63	302	10						
500	4943	11	-36.3	8.3	9	20	351	6	500	4921	4	-40.5	7.7		6	47	233	5	500	4946	0	-39.1				0	42	320	5						
700	2541	11	-23.4	7.8	9	33	88	9	700	2550	4	-24.9	9.9		8	27	215	2	700	2562	0	-23.4	4.9	0	52	12	5								
850	1111	11	-21.1	6.1	9	84	86	24	850	1123	4	-20.2	8.2		8	24	158	2	850	1124	0	-17.3	6.4	3	85	34	9								
981	* 30		-19.7	3.3					984	* 50		-27.0	3.3						984	* 21		-14.4	3.8												

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
ANTARCTICA - AUSTRALIA (ANTARCTIC) MAWSON 89564 JUL 2005 6736S 06252E OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 JUL 2005 6835N 07758W OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 JUL 2005 6617S 11031E OB 3								
030									030									030	21775	4	-78.4	15.4	5	99	280	50
050									050	18716	3	-81.6	15.1	6	95	269	32	050	18874	2	-78.0	15.5	2	97	280	38
100	14829	5	-75.9	15.0	5	90	269	24	100	14781	3	-76.3	15.4	6	89	264	21	100	14881	0	-73.2	15.2	2	94	277	26
150	12446	2	-72.2	13.5	2	79	269	18	150	12420	3	-72.3	15.0	7	76	262	15	150	12489	0	-70.1	15.0	2	91	273	19
200	10750	2	-71.5	11.7	2	64	272	15	200	10721	3	-70.3	13.6	7	65	257	13	200	10775	0	-68.9	13.6	2	81	270	16
300	8300	1	-61.1	10.4	3	47	271	11	300	8271	3	-60.9	12.7	6	51	244	11	300	8310	0	-59.9	12.4	3	62	272	11
500	4955	1	-37.7	11.1	1	41	245	7	500	4927	3	-37.9	14.5	5	44	229	6	500	4948	0	-36.1	14.1	0	44	256	7
700	2563	1	-23.7	12.9	1	23	203	3	700	2544	3	-25.2	12.7	5	13	154	1	700	2540	0	-22.3	14.1	0	20	189	2
850	1133	0	-20.9	11.3	1	84	111	8	850	1120	3	-21.1	11.5	5	54	56	4	850	1101	0	-17.9	8.4	0	46	62	4
989	* 16		-18.5	6.9					986	* 13		-21.9	6.4					980	* 42		-18.9	3.4				
SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 JUL 2005 0518N 10016E OB 3									W PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 JUL 2005 0610N 10217E OB 3									SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 JUL 2005 0122N 10359E OB 3								
030	23793	1	-58.2	31.4	1		89	34	030	23793	1	-58.4	30.9	1	99	89	34	030	23767	0	-59.1	29.9	0	99	91	31
050	20654	0	-67.2	28.5	0	94	87	13	050	20657	0	-67.3	28.1	0	96	89	14	050	20640	0	-68.2	26.9	0	88	84	7
100	16576	0	-78.4	12.7	0	94	82	20	100	16577	0	-78.6	12.7	0	93	80	20	100	16558	0	-77.5	13.0	0	86	80	13
150	14225	0	-67.9	11.0	0	96	76	26	150	14228	0	-68.0	11.4	0	96	74	23	150	14208	0	-68.0	12.3	0	95	75	23
200	12436	0	-53.1	10.0	0	95	67	19	200	12439	0	-53.2	10.3	0	95	64	16	200	12421	0	-53.6	11.0	0	96	69	18
300	9688	0	-30.3	8.5	0	92	76	10	300	9691	0	-30.1	9.8	0	89	73	9	300	9679	0	-30.7	9.9	0	96	86	12
500	5859	0	-5.4	6.6					500	5860	0	-5.3	6.5	0	17	264	1	500	5854	0	-5.7	5.8	0	38	97	2
700	3142	0	9.5	8.5	0	70	271	6	700	3143	0	9.6	9.0	0	78	281	7	700	3139	0	9.4	7.2	0	43	261	3
850	1502	0	18.7	7.6	0	60	253	3	850	1503	0	18.8	6.6	0	80	264	6	850	1500	0	18.3	6.1	0	64	227	4
1009	* 4		27.2	3.3					1009	* 5		26.5	2.8					1008	* 16		27.4	2.7				
SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII 91285 JUL 2005 1943N 15504W OB 2									SW PACIFIC - NEW CALEDONIA NOUMEA (NLE-CALEDONIE) 91592 JUL 2005 2216S 16627E OB /									SW PACIFIC - KIRIBATI TARAWA 91610 JUL 2005 0121N 17255E OB 3								
030	23917	0	-56.3	12.1	0	99	88	24	030	23910	8	-55.4		8	86	80	9	030	23786	3	-59.2		3		91	28
050	20731	0	-63.8	9.7	0	99	87	17	050	20697	1	-61.2		1	55	112	3	050	20649	2	-67.6		3	74	84	6
100	16593	0	-73.3	8.0	0	81	140	5	100	16557	1	-74.5		1	95	265	18	100	16572	0	-78.9		2	8	86	1
150	14186	0	-65.3	9.3	0	76	233	11	150	14155	1	-64.9		1	95	262	31	150	14227	0	-68.2		1	17	226	2
200	12394	0	-54.6	11.1	0	77	240	11	200	12355	1	-52.6		1	93	265	35	200	12437	0	-53.3		0	12	81	2
300	9679	0	-33.5	17.9	0	64	250	6	300	9617	1	-32.4	28.1	1	90	267	29	300	9691	0	-30.5	17.4	0	39	99	4
500	5877	0	-5.1	30.1	0	15	85	2	500	5832	1	-8.2	29.7	1	88	263	15	500	5863	0	-5.0	17.2	0	85	95	8
700	3167	3	7.7	19.4	0	73	92	5	700	3144	1	5.7	28.0	1	59	267	5	700	3143	0	10.0	10.8	0	92	91	9
850	1548	0	13.7	1.3	0	85	67	4	850	1541	1	9.5	3.7	1	50	112	3	850	1504	0	18.0	8.2	0	95	98	7
1016	* 11		22.5	2.7					1013	* 72		21.4	6.2					1010	* 4		29.9	5.3				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
SW PACIFIC - TUVALU FUNAFUTI 91643 JUL 2005 0831S 17913E OB 3									SW PACIFIC - FIJI NANDI 91680 JUL 2005 1745S 17727E OB 3									SW PACIFIC - SAMOA AND AMERICAN SAMOA PAGO PAGO/INT. AIRPORT 91765 JUL 2005 1420S 17043W OB 2										
030	23821	2	-58.9						030	23979	16	-54.9							030	23852	1	-57.2	19.7		1	98	92	13
050	20668	2	-65.3		8	85	89	7	050	20753	7	-60.3						050	20668	1	-62.9	13.9		1	64	85	2	
100	16594	0	-79.7		6	30	67	3	100	16623	2	-76.2	20.6		6	91	264	14	100	16584	1	-77.6	7.5		1	82	277	7
150	14249	0	-68.2		5	48	230	4	150	14237	1	-66.3	19.9		4	97	265	23	150	14218	0	-67.8	9.5		0	93	266	14
200	12460	0	-53.3		5	35	244	3	200	12436	1	-52.7	25.0		3	95	266	24	200	12430	0	-53.5	14.2		0	88	268	14
300	9713	0	-30.1	17.1	4	21	188	2	300	9690	1	-31.0	30.8		3	85	264	20	300	9692	0	-31.0	21.9		0	80	268	11
500	5879	0	-5.1	12.2	2	73	82	5	500	5870	1	-6.0	31.5		1	75	279	9	500	5876	0	-5.6	20.6		1	49	307	5
700	3156	0	10.2	10.7	3	91	83	7	700	3153	0	9.8	30.8		0	61	273	5	700	3159	0	9.4	11.4		0	46	330	3
850	1514	0	18.3	6.4	3	91	85	8	850	1527	0	14.4	11.3		2	57	108	4	850	1521	0	16.7	4.2		0	59	90	4
1011	* 2		29.8	4.4					1014	* 25		26.0	7.8						1012	* 3		26.2	3.3					
SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 JUL 2005 2308S 13458W OB									SW PACIFIC - FRENCH POLY.(AUSTRAL IS) TUBUAI 91954 JUL 2005 2321S 14929W OB									SW PACIFIC - FRENCH POLY.(AUSTRAL IS) RAPA 91958 JUL 2005 2737S 14420W OB 3										
030	23873	5	-55.0		5	50	286	3	030	23881	8	-55.5			8	6	307	1	030									
050	20638	0	-61.2		0	55	256	3	050	20666	2	-61.5			2	50	249	3	050									
100	16486	0	-73.6		0	98	263	21	100	16510	1	-73.1			1	93	272	22	100									
150	14083	0	-66.1		0	97	265	31	150	14101	1	-65.6			1	94	270	33	150									
200	12298	0	-55.5		0	96	259	34	200	12311	1	-55.0			1	95	271	36	200									
300	9602	0	-35.5	22.4	0	96	267	26	300	9603	1	-34.8	19.0		1	93	278	29	300	9496	4	-37.1			5	95	272	43
500	5841	0	-8.1	27.1	0	94	274	15	500	5835	1	-8.1	21.4		1	93	283	19	500	5766	4	-11.4	20.0		4	96	275	28
700	3147	0	7.0	23.2	0	78	281	7	700	3142	1	7.6	21.0		1	88	298	11	700	3111	0	3.4	17.9		0	90	287	14
850	1533	0	12.8	8.4	0	38	312	3	850	1526	0	12.5	7.1		0	60	310	5	850	1514	0	9.4	6.3		0	63	300	6
1007	* 89		22.0	3.7					1016	* 3		23.1	4.9						1017	* 2		19.9	5.1					
SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 JUL 2005 3678S 17463E OB 1									SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 JUL 2005 4054S 17459E OB 1									SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 JUL 2005 4625S 16819W OB 1										
030	23891	6	-53.7		7	63	254	6	030	23868	9	-53.0							030									
050	20623	1	-55.6		1	87	263	8	050	20583	3	-54.0			4	96	269	14	050	20463	4	-54.1			4	98	266	26
100	16226	0	-56.5		0	96	261	21	100	16145	3	-54.0			0	96	266	22	100	15996	2	-53.6			0	98	266	25
150	13635	0	-53.7		0	95	265	30	150	13534	2	-53.0			0	95	264	24	150	13391	0	-53.6			0	96	265	23
200	11784	0	-54.1		0	92	266	34	200	11683	2	-55.5			0	90	266	22	200	11555	0	-57.2			0	92	264	21
300	9170	0	-48.0		0	80	265	22	300	9099	1	-50.4			0	73	269	16	300	8989	0	-52.9			0	80	270	18
500	5607	0	-21.3	16.4	1	73	267	13	500	5566	1	-23.3	13.2		1	72	266	11	500	5492	0	-25.2	15.5		0	77	268	14
700	3041	0	-4.4	15.2	1	55	271	7	700	3013	1	-5.7	16.3		2	56	275	7	700	2960	0	-8.3	13.5		1	81	271	12
850	1488	0	2.9	5.8	1	49	280	6	850	1467	1	2.2	6.2		2	45	297	5	850	1428	0	.3	7.6		2	81	273	11
1014	* 27		13.5	3.5					1016	* 12		11.8	4.6						1013	* 4		6.6	2.2					

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 JUL 2005 4357S 17634W OB 1									SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 JUL 2005 2915S 17755W OB 1									SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 JUL 2005 1225S 13053E OB /									
030	23802	9	-53.4		9	98	265	24	030	23928	7	-54.1			8	71	89	7	030	23834	0	-58.1	31.4	0	99	86	17
050	20505	7	-53.4		7	98	268	21	050	20679	5	-58.4			5	15	195	1	050	20663	0	-63.0	30.0	0	83	95	5
100	16048	2	-53.2		3	97	268	21	100	16406	2	-64.8			3	97	268	26	100	16590	0	-80.5	13.9	0	51	108	5
150	13433	2	-53.3		3	96	264	21	150	13904	2	-59.5			3	96	266	43	150	14243	0	-67.9	15.6	0	11	316	1
200	11597	2	-57.4		3	91	264	21	200	12083	0	-53.4			0	93	268	50	200	12455	0	-53.2	20.4	0	51	330	4
300	9033	1	-52.0		2	70	260	14	300	9399	0	-39.5			0	92	273	41	300	9709	0	-30.3	29.8	0	39	300	3
500	5526	1	-24.8	13.3	2	53	257	8	500	5730	0	-15.8	23.7		0	85	269	20	500	5874	0	-5.0	28.5	0	14	313	1
700	2974	0	-4.5	16.0	0	52	270	7	700	3115	0	.0	25.7		1	65	260	7	700	3156	0	9.8	24.0	0	20	49	1
850	1453	0	2.9	6.4	0	39	286	5	850	1541	0	5.7	5.7		1	22	281	2	850	1531	0	15.1	8.4	2	96	100	8
1009	* 48		9.9	2.4					1016	* 49		18.3	6.0						1012	* 31		24.1	9.5				
SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 JUL 2005 1217S 13649E OB /									SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 JUL 2005 1757S 12214E OB /									SW PACIFIC - AUSTRALIA TOWNSVILLE AERO 94294 JUL 2005 1915S 14645E OB /									
030	23864	0	-57.9	31.5	0	98	86	17	030	23856	1	-57.0	31.6		1	96	87	10	030	23854	1	-56.8	31.0	3	98	80	9
050	20690	0	-62.4	30.1	0	81	95	5	050	20668	1	-62.9	29.0		1	59	120	4	050	20663	0	-63.0	29.4	3	33	116	2
100	16602	0	-80.0	14.5	0	48	113	4	100	16588	0	-79.1	14.2		0	58	262	6	100	16574	0	-78.3	15.8	2	69	271	8
150	14250	0	-67.7	15.7	0	41	351	4	150	14225	0	-67.0	16.9		0	74	262	13	150	14205	0	-66.6	19.3	2	87	269	18
200	12461	0	-53.1	17.9	0	80	334	6	200	12431	0	-52.9	21.6		0	83	270	14	200	12411	0	-53.0	24.0	1	89	274	21
300	9713	0	-30.0	29.0	0	23	321	2	300	9685	0	-30.6	31.9		0	84	269	14	300	9667	0	-31.1	32.6	0	89	275	19
500	5875	0	-5.0	22.8	1	23	290	2	500	5857	0	-5.0	37.8		1	68	273	9	500	5858	0	-6.0	41.5	0	74	283	9
700	3154	0	9.8	22.1	0	17	53	1	700	3149	0	7.0	24.0		0	51	299	4	700	3156	0	7.2	30.3	0	35	279	3
850	1526	0	15.2	8.8	2	95	107	10	850	1536	0	14.7	12.5		0	53	40	4	850	1547	0	11.3	10.6	0	71	98	6
1009	* 54		25.4	6.2					1015	* 7		18.8	8.3						1020	* 9		21.9	9.4				
SW PACIFIC - AUSTRALIA PORT HEDLAND PARDOO 94312 JUL 2005 2022S 11838E OB /									SW PACIFIC - AUSTRALIA ALICE SPRINGS AERO 94326 JUL 2005 2348S 13353E OB /									SW PACIFIC - AUSTRALIA MT ISA AERO 94332 JUL 2005 2041S 13929E OB /									
030	23854	5	-56.7	28.6	7	96	84	9	030	23881	1	-55.8	30.3		1	95	84	10	030	23851	0	-56.5	31.8	1	93	90	9
050	20665	5	-62.9	26.2	7	49	127	3	050	20673	0	-62.3	26.7		0	32	130	2	050	20659	0	-62.9	29.2	1	64	120	4
100	16576	4	-78.0	13.8	7	80	265	10	100	16541	0	-74.5	16.5		0	90	272	19	100	16563	0	-77.0	15.3	1	75	269	11
150	14203	4	-66.2	16.9	6	89	269	20	150	14137	0	-64.5	18.8		0	92	271	31	150	14188	0	-66.6	17.6	0	87	270	22
200	12405	3	-52.9	20.1	5	92	269	23	200	12329	0	-51.9	22.9		0	90	273	35	200	12391	0	-52.8	22.5	0	90	274	24
300	9659	3	-30.6	29.3	4	89	268	22	300	9585	0	-32.1	27.8		0	89	273	32	300	9649	0	-31.2	32.2	0	86	276	23
500	5844	3	-5.6	38.9	4	92	278	16	500	5811	0	-9.0	35.1		0	90	271	18	500	5845	0	-6.6	36.6	0	80	270	12
700	3143	3	7.2	36.9	4	64	294	5	700	3143	0	4.2	30.3		1	43	261	5	700	3151	0	6.2	31.0	0	41	263	4
850	1537	3	12.2	12.3	4	42	26	3	850	1553	0	8.0	13.2		0	43	113	4	850	1546	0	12.3	18.4	0	39	74	3
1017	* 9		16.6	10.0					960	* 546		9.6	3.9						981	* 340		17.7	13.1				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
SW PACIFIC - AUSTRALIA GERALDTON AIRPORT 94403 JUL 2005 2848S 11442E OB /									SW PACIFIC - AUSTRALIA MEEKATHARRA AIRPORT 94430 JUL 2005 2637S 11833E OB 2									SW PACIFIC - AUSTRALIA GILES 94461 JUL 2005 2502S 12817E OB /								
030	23893	1	-53.8	32.1	1	75	97	5	030	23872	1	-54.9	30.2	2	88	87	7	030	23877	1	-55.4	31.6				
050	20658	0	-60.4	30.2	0	59	257	3	050	20656	1	-62.1	27.6	1	22	222	1	050	20664	1	-61.9	29.1				
100	16446	0	-68.6	24.3	0	94	268	26	100	16486	1	-71.4	18.7	1	93	265	26	100	16512	1	-73.1	20.1				
150	13985	0	-61.1	26.0	0	94	266	42	150	14053	1	-62.7	20.5	1	94	267	39	150	14094	1	-63.7	23.2				
200	12157	0	-51.0	28.4	0	93	264	48	200	12234	1	-51.4	24.1	1	90	266	43	200	12279	1	-51.5	27.6				
300	9432	0	-36.1	31.0	0	87	263	38	300	9499	0	-33.8	29.1	0	88	267	38	300	9544	1	-33.5	29.1				
500	5738	0	-15.0	35.3	0	81	263	13	500	5764	0	-12.6	36.6	0	83	270	15	500	5790	1	-10.8	36.0				
700	3116	0	.5	32.5	1	52	255	5	700	3126	0	1.7	30.1	0	44	263	4	700	3135	1	2.6	35.8				
850	1540	0	6.7	13.7	0	23	289	2	850	1545	0	8.0	12.2	0	26	5	2	850	1551	1	8.4	14.5	9	42	45	3
1018	* 33		9.8	3.6					962	* 517		8.8	5.8					953	* 598		10.4	7.6				
SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 JUL 2005 3156S 11558E OB /									SW PACIFIC - AUSTRALIA EUCLA 94647 JUL 2005 3141S 12853E OB									SW PACIFIC - AUSTRALIA COBAR 94711 JUL 2005 3129S 14550E OB /								
030	23884	0	-53.1	32.7	0	35	70	2	030	23902	4	-53.2	25.1	5	67	71	5	030	23892	4	-53.9	31.7	4	70	81	5
050	20639	0	-59.1	31.0	0	80	274	6	050	20648	0	-59.0	23.4	0	68	273	4	050	20644	1	-58.9	29.7	1	38	263	3
100	16364	0	-64.7	27.4	0	95	268	30	100	16375	0	-64.2	20.2	0	92	272	25	100	16378	0	-65.2	27.6	0	95	269	26
150	13861	0	-58.7	27.8	0	94	267	43	150	13866	0	-58.1	21.1	0	92	270	41	150	13877	0	-59.0	27.8	0	95	270	44
200	12024	0	-51.4	28.6	0	93	264	49	200	12027	0	-51.3	21.3	0	90	268	51	200	12044	0	-51.7	28.7	0	91	269	53
300	9334	0	-41.1	24.4	0	86	265	32	300	9333	0	-40.1	19.8	0	87	267	38	300	9346	0	-39.9	23.9	0	89	269	41
500	5699	0	-17.8	27.9	0	84	265	15	500	5699	0	-18.4	22.0	0	80	269	14	500	5700	0	-18.6	26.8	0	80	272	14
700	3096	0	-1.3	28.3	1	69	259	8	700	3103	0	-1.9	21.5	0	66	272	8	700	3111	0	-2.0	27.0	0	58	273	7
850	1532	0	4.7	10.2	1	54	273	5	850	1541	0	4.4	11.0	0	58	262	5	850	1548	0	4.6	13.3	0	36	266	3
1021	* 31		8.7	2.4					1012	* 102		9.4	4.5					993	* 264		10.8	4.4				
SW PACIFIC - AUSTRALIA WILLIAMTOWN AERODROME 94776 JUL 2005 3248S 15150E OB /									SW PACIFIC - AUSTRALIA ALBANY AIRPORT 94802 JUL 2005 3456S 11748E OB /									SW PACIFIC - AUSTRALIA MOUNT GAMBIER AERO 94821 JUL 2005 3744S 14047E OB /								
030	23924	6	-53.6	32.5	7	42	94	3	030	23886	2	-53.0	32.9					030								
050	20672	3	-57.7	31.4	4	31	263	2	050	20624	2	-57.0	31.7					050	20609	9	-55.0	32.3	9	92	275	11
100	16370	1	-62.9	27.4	1	94	266	24	100	16284	0	-60.8	30.4	5	97	264	26	100	16219	5	-57.2	31.1	3	95	276	26
150	13845	1	-57.2	27.8	2	94	263	43	150	13743	0	-56.4	30.5	0	95	266	42	150	13637	5	-53.8	31.6	3	93	271	34
200	12006	1	-51.8	26.4	1	92	264	53	200	11898	0	-52.5	28.0	0	93	264	45	200	11792	4	-53.8	27.6	1	91	268	37
300	9312	0	-41.3	21.2	0	91	265	39	300	9246	0	-44.3	20.0	0	87	263	32	300	9170	4	-48.0	19.2	1	80	273	26
500	5693	0	-19.3	23.0	0	78	262	14	500	5651	0	-19.6	26.5	0	85	269	16	500	5612	4	-22.1	21.0	1	79	274	15
700	3102	0	-1.5	24.7	0	70	254	9	700	3067	0	-2.4	27.7	0	70	266	10	700	3051	4	-5.5	19.6	2	80	277	10
850	1538	0	4.3	7.6	0	67	253	7	850	1509	0	3.3	8.8	0	71	273	9	850	1505	4	1.5	9.7	2	75	281	8
1022	* 8		12.3	4.3					1013	* 69		8.6	2.1					1013	* 69		8.8	1.6				

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
SW PACIFIC - AUSTRALIA MELBOURNE AIRPORT 94866 JUL 2005 3740S 14451E OB									SW PACIFIC - AUSTRALIA WAGGA AIRPORT 94910 JUL 2005 3510S 14727E OB /									SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 JUL 2005 4250S 14729E OB /									
030	23899	5	-52.8	31.7	5	73	287	8	030	23928	5	-52.6	31.6	6	33	354	2	030	23804	0	-53.5	31.6	2	93	279	20	
050	20626	2	-55.7	30.1	2	87	277	10	050	20649	2	-56.7	30.1	2	82	271	7	050	20519	0	-54.0	31.4	1	96	275	20	
100	16242	0	-57.7	28.8	0	95	271	26	100	16304	0	-60.3	29.3	0	96	269	26	100	16090	0	-54.6	31.3	1	97	273	25	
150	13664	0	-54.2	29.0	0	93	268	35	150	13751	0	-55.6	28.8	0	93	267	39	150	13487	0	-53.1	31.1	1	95	274	27	
200	11811	0	-52.9	25.4	0	92	265	37	200	11902	0	-51.9	27.6	0	90	263	43	200	11642	0	-56.4	24.0	1	92	268	26	
300	9185	0	-47.4	15.0	0	83	269	24	300	9244	0	-44.3	20.6	0	88	264	29	300	9067	0	-50.7	13.9	0	78	273	19	
500	5624	0	-21.8	16.2	0	76	269	13	500	5656	0	-20.8	19.8	0	76	266	12	500	5543	0	-23.6	19.3	0	78	274	14	
700	3061	0	-5.1	17.0	0	74	271	9	700	3083	0	-3.9	19.9	0	76	266	9	700	2996	0	-6.2	19.4	0	80	273	13	
850	1513	0	2.3	8.3	1	70	274	7	850	1530	0	2.9	11.2	1	66	262	5	850	1454	0	1.1	7.3	0	75	273	11	
1008	* 132		9.7	3.5					998	* 213		8.4	2.3						1013	* 27		9.3	4.8				
SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 JUL 2005 3132S 15904E OB /									SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 JUL 2005 2902S 16756E OB /									SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) MACQUARIE ISLAND 94998 JUL 2005 5429S 15856E OB 3									
030	23945	0	-53.1	31.0	6	54	82	4	030	23924	4	-53.9		3	65	92	6	030	23236	1	-59.9	26.6	2	98	273	58	
050	20684	0	-57.6	29.9	7	21	278	1	050	20681	4	-59.0		1	10	28	1	050	20040	1	-58.9	27.1	2	98	276	47	
100	16388	0	-63.9	28.6	3	97	264	26	100	16426	2	-66.5	27.1	1	98	268	26	100	15672	1	-56.7	27.9	2	98	274	36	
150	13874	0	-57.8	29.9	1	94	261	42	150	13941	2	-59.8	28.2	1	97	266	43	150	13099	1	-56.3	26.3	2	96	272	30	
200	12034	0	-51.2	30.3	1	94	263	51	200	12115	2	-52.1	26.0	1	95	267	52	200	11281	1	-58.7	20.3	2	92	272	29	
300	9343	0	-40.8	23.6	0	91	265	39	300	9411	1	-38.0	24.9	1	92	268	45	300	8727	1	-53.5	15.8	2	81	271	27	
500	5702	0	-17.4	29.5	0	74	268	15	500	5733	1	-15.4	34.3	0	88	267	19	500	5272	1	-29.4	12.5	1	78	274	21	
700	3102	0	-1.3	22.7	0	64	256	8	700	3111	1	.5	32.3	1	65	268	8	700	2785	1	-12.8	14.3	1	76	276	14	
850	1532	0	5.9	5.8	0	42	257	4	850	1533	1	6.7	8.4	1	51	269	5	850	1282	1	-5.2	4.8	1	80	279	13	
1020	* 6		18.1	6.5					1007	* 109		17.5	6.6						997	* 6		3.2	2.4				
SW PACIFIC - BRUNEI DARUSSALAM BRUNEI AIRPORT 96315 JUL 2005 0456N 11456E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 JUL 2005 0129N 11020E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 JUL 2005 0312N 11302E OB 3									
030									030	23787	0	-58.9	29.6	1		90	31	030	23800	5	-58.8	31.0	5	99	91	32	
050	20652		-67.0	26.1	9	55	79	5	050	20655	0	-67.4	27.3	1	85	90	7	050	20667	3	-67.8	26.6	3	90	92	8	
100	16576	7	-78.6	11.6	8	83	86	13	100	16573	0	-77.9	14.6	0	87	83	11	100	16586	0	-78.6	10.8	0	84	85	13	
150	14228	1	-68.2	10.2	1	94	70	23	150	14221	0	-67.9	13.1	0	94	76	23	150	14235	0	-67.8	9.9	0	93	71	22	
200	12441	1	-53.3	9.4	1	94	68	17	200	12434	0	-53.5	11.3	0	95	69	19	200	12446	0	-53.1	9.1	0	95	68	18	
300	9695	0	-30.5	9.1	0	87	83	8	300	9691	0	-30.5	10.0	0	96	89	11	300	9699	0	-30.3	8.9	0	94	87	10	
500	5865	0	-5.2	5.5	0	33	98	2	500	5862	0	-5.6	5.3	0	54	83	4	500	5866	0	-5.2	5.2	0	49	80	4	
700	3146	0	9.3	5.5	1	57	275	4	700	3145	0	9.8	7.2	0	46	278	3	700	3148	0	9.6	5.7	0	53	290	4	
850	1506	0	18.6	6.3	1	74	267	5	850	1504	0	18.6	6.5	0	45	238	2	850	1507	0	18.8	5.4	0	64	269	3	
1005	* 15		26.9	4.2					1007	* 27		25.5	1.9					1007	* 5		26.5	3.1					

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 96471 JUL 2005 0556N 11603E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 JUL 2005 0416N 11753E OB 3									SW PACIFIC - INDONESIA (JAWA) JAKARTA/SOEKARNO- HATTA 96749 JUL 2005 0607S 10639E OB /								
030	23815	2	-58.6	31.0	2	99	89	32	030	23801	10	-58.2	30.3	9		89	31	030	23864	4	-55.2		4	99	91	26
050	20664	1	-66.7	28.0	1	97	89	14	050	20654	8	-66.8	27.7	8	95	89	12	050	20688	3	-64.2		3	91	96	8
100	16582	0	-78.9	12.6	0	83	90	13	100	16576	7	-78.8	14.6	7	74	90	10	100	16581	2	-77.3		2	85	80	12
150	14236	0	-68.0	11.3	0	92	69	21	150	14225	7	-67.7	14.0	8	92	67	21	150	14231	1	-67.5		1	89	75	18
200	12447	0	-53.1	10.4	0	93	67	15	200	12436	7	-53.4	12.6	8	94	71	16	200	12440	1	-53.0		1	88	70	13
300	9699	0	-30.2	9.0	0	85	84	8	300	9692	6	-30.6	10.7	7	93	90	9	300	9692	1	-30.1	21.9	1	94	92	11
500	5867	0	-5.2	6.3	0	32	119	2	500	5862	6	-5.2	7.2	6	66	107	4	500	5861	1	-5.8	10.6	1	84	73	6
700	3148	0	9.5	6.6	0	63	276	5	700	3143	6	9.7	6.3	6	11	331	1	700	3145	0	9.3	12.0	0	30	91	2
850	1509	0	18.3	6.6	0	82	263	5	850	1503	6	18.5	6.0	6	59	289	3	850	1510	0	17.3	5.3	0	64	112	3
1010	* 3		26.5	3.4					1008	* 20		26.1	4.7					99999	* 8		24.0	1.9				
SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 JUL 2005 1211S 09649E OB 3									SW PACIFIC - INDONESIA (SULAWESI) MENADO/DR. SAM RATULANGI 97014 JUL 2005 0132N 12455E OB /																	
030	23791	6	-57.7	26.0	7	98	90	19	030	23720	9	-55.5		9	69	80	9									
050	20627	4	-64.0	22.6	6	90	94	6	050		9	-64.9		9	67	86	7									
100	16554	4	-79.1	11.2	4	90	91	12	100	16497	9	-77.5		9	91	57	26									
150	14206	4	-68.4	11.1	4	83	63	10	150	14154	9	-69.5		9	89	79	12									
200	12422	4	-53.7	14.2	4	62	58	7	200	12379	9	-55.0		9	94	83	11									
300	9683	2	-30.9	20.5	2	70	85	6	300	9651	9	-32.3	3.9	9	89	95	7									
500	5856	2	-4.7	25.3	2	57	112	3	500	5838	9	-6.6	2.2	9	30	82	2									
700	3140	2	8.4	12.7	2	18	144	1	700	3131	9	7.9	1.5	9	15	257	1									
850	1513	2	15.2	4.5	2	86	106	7	850	1500	9	16.4	1.3	9	57	203	2									
1013	* 3		25.1	3.9					901	* 80																

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
EUROPE - ITALY																											
BRINDISI																											
16320 MAR 2002 4039N 01757E OB 3																											
030	23641	5	-59.5		5	28	317	3																			
050	20462	2	-61.4		2	67	290	8																			
100	16165	0	-60.0		0	89	280	30																			
150	13608	0	-54.9		0	87	282	35																			
200	11764	0	-55.3		0	81	281	36																			
300	9165	0	-48.5		0	58	280	24																			
500	5604	0	-21.6	33.3	0	46	288	12																			
700	3039	0	-4.3	15.4	0	38	293	8																			
850	1480	0	5.8	5.7	0	25	326	5																			
1015	* 10		15.2	8.2																							
EUROPE - ITALY																											
TRAPANI/BIRGI																											
16429 APR 2002 3755N 01230E OB 3																											
030	23787	1	-55.5		2	41	272	5																			
050	20564	1	-59.4		2	65	256	7																			
100	16220				2	94	268	31																			
150	13649	0	-54.6		1	94	272	46																			
200	11812	0	-55.7		0	89	270	50																			
300	9197	0	-4.7		0	79	275	38																			
500	5620	0		35.3	0	77	273	23																			
700	3039	0	-2.4	16.9	0	70	271	15																			
850	1470	0	7.3	.3	0	54	267	9																			
1012	* 14		16.4	10.1																							
EUROPE - ITALY																											
TRAPANI/BIRGI																											
16429 NOV 2002 3755N 01230E OB 3																											
030	23739	1	-57.2		2	56	292	8																			
050	20538	1	-60.6		2	66	279	11																			
100	16241				1	83	268	25																			
150	13725	0	-59.5		1	78	271	32																			
200	11921	0	-57.8		1	68	271	35																			
300	9300	0	-44.2		1	62	267	31																			
500	5675	0	-1.7	31.6	1	62	258	21																			
700	3064	0	-.2	14.3	0	59	249	15																			
850	1485	0	8.7	.5	0	54	227	11																			
1013	* 14		17.9	13.9																							

UPPER AIR

JULY 2005

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
EUROPE - ITALY TRAPANI/BIRGI 16429 DEC 2002 3755N 01230E OB 3																											
030	23621	1	-57.1		1	92	284	26																			
050	20409	4	-61.1		0	95	288	25																			
100	16133	0	-61.2		0	96	283	36																			
150	13600	0	-58.4		0	93	283	44																			
200	11791				0	88	290	48																			
300	9198	0	-47.6		0	79	292	38																			
500	5617	0	-20.3	32.7	0	81	297	24																			
700	3037	0	-3.1	16.9	0	77	297	17																			
850	1477	0	4.8	.2	0	66	290	11																			
1015	* 14		13.5	10.6																							
ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 JUN 2005 2835N 07712E OB 3									ASIA - INDIA MADRAS/MINAMBAKKAM 43279 JUN 2005 1300N 08011E OB 3																		
030									030																		
050									050																		
100	16617		-77.1	8.9		56	120	6	100																		
150	14256		-61.5	12.5		57	271	8	150																		
200	12409		-49.7	14.8		75	278	12	200																		
300	9635		-27.6	17.4		79	284	14	300	9679	8	-28.8			8	80	70	6									
500	5818		-5.6	27.3		78	307	8	500	5831	2	-4.0	7.8		2	65	265	4									
700	3109		12.7	9.9		81	314	8	700	3097	1	11.2	6.8		1	58	266	4									
850	1414		24.7	14.4		68	317	5	850	1450	1	22.0	7.2		1	89	271	7									
966	* 216		32.6	12.1					1000	* 16		32.1	10.2														

WMO PUB 9 VOL A

06030	C	AALBORG	DENMARK AND FAROE I	08487	C	ALMERIA/AEROPUERTO	SPAIN
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	44277	C	ALTAI	MONGOLIA
40831	C	ABADAN	IRAN, ISLAMIC REP	26346	C	ALUKSNE	LATVIA
07005	C	ABBEVILLE	FRANCE	64754	C	AM-TIMAN	CHAD
03091	C	ABERDEEN/DYCE AIRPORT	U KINGDOM	97724	C	AMBON/PATTIMURA	INDONESIA
41112	CT	ABHA	SAUDI ARABIA	40270	C	AMMAN AIRPORT	JORDAN
65578	CT	ABIDJAN	COTE D'IVOIRE	97240	C	AMPENAN/SELAPARANG	INDONESIA
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	42071	C	AMRITSAR	INDIA
76805	C	ACAPULCO,GRO.	MEXICO	25563	CT	ANADYR'	RUSSIAN FEDERATION
17351	C	ADANA/BOLGE	TURKEY	16665	C	ANCHIALOS (AIRPORT)	GREECE
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	16682	C	ANDRAVIDA (AIRPORT)	GREECE
41480	C	ADEN	YEMEN	91568	C	ANEITYUM	VANUATU
65585	C	ADIAKE	COTE D'IVOIRE	10291	C	ANGERMUENDE	GERMANY
60620	C	ADRAR	ALGERIA	70232	C	ANIAK	USA
76644	C	AEROP.INTERNACIONAL MERIDA,	MEXICO	17130	CT	ANKARA/CENTRAL	TURKEY
17190	C	AFYON	TURKEY	60360	C	ANNABA	ALGERIA
61024	C	AGADEZ	NIGER	84542	C	ANTA (HUARAZ)	PERU
37893	C	AGDAM	AZERBAIJAN	40718	C	ANZALI	IRAN, ISLAMIC REP
62055	C	AGEDBAIA	LIBYAN ARAB JAMAHIR	47575	C	AOMORI	JAPAN
42261	C	AGRA	INDIA	72220	CT	APALACHICOLA/MUN., FL.	USA
42647	CT	AHMADABAD	INDIA	91762	C	APIA	SAMOA AND AMERICAN
33998	C	AI-PETRI	UKRAINE	85151	C	APOLO	BOLIVIA
47602	C	AIKAWA	JAPAN	35746	CT	ARALSKOE MORE	KAZAKHSTAN
60560	C	AIN SEFRA	ALGERIA	84752	C	AREQUIPA	PERU
61499	C	AIOUN EL ATROUSS	MAURITANIA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
07761	CT	AJACCIO	FRANCE	60478	C	ARIS	ALGERIA
38178	C	AK-BAJTAL	UZBEKISTAN	10091	C	ARKONA	GERMANY
47582	CT	AKITA	JAPAN	76840	C	ARRIAGA, CHIS.	MEXICO
61437	C	AKJOUJT	MAURITANIA	10460	C	ARTERN	GERMANY
35188	C	AKMOLA	KAZAKHSTAN	44288	C	ARVAIHEER	MONGOLIA
42933	C	AKOLA	INDIA	60452	C	ARZEW	ALGERIA
72521	C	AKRON/AKRON-CANTON REG., OH.	USA	47407	C	ASAHIKAWA	JAPAN
35229	CT	AKTJUBINSK	KAZAKHSTAN	85175	C	ASCENION DE GUARAYOS	BOLIVIA
04063	C	AKUREYRI	ICELAND	38880	CT	ASHGABAT	TURKMENISTAN
40420	C	AL AHSA	SAUDI ARABIA	33915	C	ASKANIYA-NOVA	UKRAINE
40361	C	AL-JOUF	SAUDI ARABIA	63021	CT	ASMARA	ERITREA
98435	C	ALABAT	PHILIPPINES	62414	CT	ASSWAN	EGYPT
08280	C	ALBACETE/LOS LLANOS	SPAIN	37989	C	ASTARA	AZERBAIJAN
31004	CT	ALDAN	RUSSIAN FEDERATION	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
07139	C	ALENCON	FRANCE	61421	C	ATAR	MAURITANIA
61997	C	ALFRED FAURE (ILES CROZET)	OCEAN ISLANDS	35078	C	ATBASAR	KAZAKHSTAN
16520	C	ALGHERO	ITALY	17607	T	ATHALASSA	CYPRUS
16674	C	ALIARTOS	GREECE	64751	C	ATI	CHAD
42475	C	ALLAHABAD/BAMHRAULI	INDIA	72219	C	ATLANTA/MUN., GA.	USA

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91925	CT	ATUONA	FRENCH POLY.	74492	C	BLUE HILL OBS., MA.	USA
35700	T	ATYRAY	KAZAKHSTAN	61881	C	BO	SIERRA LEONE
93119	C	AUCKLAND AIRPORT	N ZEALAND	82024	C	BOA VISTA	BRAZIL
72218	C	AUGUSTA/BUSH FIELD, GA.	USA	65510	C	BOBO-DIOULASSO	BURKINA FASO
38334	C	AUL TYRARA RYSKULOVA	KAZAKHSTAN	01152	CT	BODO	NORWAY
74745	C	AUSTIN-BERGSTROM INTL, TX.	USA	64126	C	BOENDE	DEMO. REP THE CONG
07265	C	AUXERRE	FRANCE	29282	C	BOGUCANY	RUSSIAN FEDERATION
84673	C	AYACUCHO	PERU	65338	C	BOHICON	BENIN
87641	C	AZUL AERO	ARGENTINA	72681	C	BOISE/MUN., ID.	USA
87163	C	B.DE IRIGOYEN AERO	ARGENTINA	61816	C	BOKE	GUINEA
08330	C	BADAJOS/TALAVERA LA REAL	SPAIN	36428	C	BOL'SHE NARYMSKOE	KAZAKHSTAN
30554	CT	BAGDARIN	RUSSIAN FEDERATION	43057	C	BOMBAY/COLABA	INDIA
41678	CT	BAHAWALNAGAR	PAKISTAN	61866	C	BONTHE	SIERRA LEONE
44265	C	BAITAG	MONGOLIA	23884	C	BOR	RUSSIAN FEDERATION
38895	C	BAJRAMALY	TURKMENISTAN	64610	C	BOSSANGO	CENTRAL AFRICAN REP
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	60515	C	BOU-SAADA	ALGERIA
07299	C	BALE-MILHOUSE	FRANCE	08575	C	BRAGANCA	PORTUGAL
61291	CT	BAMAKO/SENOU	MALI	07110	CT	BREST	FRANCE
43295	C	BANGALORE	INDIA	16320	CT	BRINDISI	ITALY
41685	CT	BAR KHAN	PAKISTAN	11723	C	BRNO/TURANY	CZECH REP
98135	C	BASCO	PHILIPPINES	71861	T	BROADVIEW,SASK.	CANADA
64931	C	BATOURI	CAMEROON	96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM
91557	CT	BAUERFIELD (EFATE)	VANUATU	15420	CT	BUCURESTI/IMH	ROMANIA
44275	C	BAYANBULAG	MONGOLIA	12843	CT	BUDAPEST/LORINC	HUNGARY
60571	CT	BECHAR	ALGERIA	80252	C	BUENAVENTURA	COLOMBIA
54511	CT	BEIJING	CHINA	72528	C	BUFFALO/GREATER BUFFALO, NY.	USA
08562	C	BEJA	PORTUGAL	38683	C	BUHARA	UZBEKISTAN
82191	C	BELEM	BRAZIL	64390	C	BUJUMBURA	BURUNDI
40180	C	BEN-GURION INT. AIRPORT	ISRAEL	64180	C	BUKAVU	DEMO. REP THE CONG
13274	C	BEOGRAD	YUGOSLAVIA	67964	CT	BULAWAYO (GOETZ OBSY.)	ZIMBABWE
64600	C	BERBERATI	CENTRAL AFRICAN REP	64076	C	BUNIA	DEMO. REP THE CONG
40179	CT	BET DAGAN	ISRAEL	08075	C	BURGOS/VILLAFRIA	SPAIN
40100	CT	BEYROUGH (AEROPORT)	LEBANON	64034	C	BUTA	DEMO. REP THE CONG
42971	CT	BHUBANESWAR	INDIA	38403	C	BUZAUBAJ	UZBEKISTAN
12295	C	BIALYSTOK	POLAND	38755	C	BYGDAILI	TURKMENISTAN
42165	C	BIKANER	INDIA	48914	C	CA MAU	VIET NAM
61017	C	BILMA	NIGER	98330	C	CABANATUAN	PHILIPPINES
72515	C	BINGHAMTON/BROOME CO., NY.	USA	08261	C	CACERES	SPAIN
61075	C	BIRNI-N'KONNI	NIGER	07027	C	CAEN	FRANCE
41084	C	BISHA	SAUDI ARABIA	16560	CT	CAGLIARI/ELMAS	ITALY
64510	C	BITAM	GABON	94287	C	CAIRNS AERO	AUSTRALIA
01028	CT	BJORNOYA	NORWAY	84472	C	CAJAMARCA	PERU
28766	C	BLACOVESCENSKA	KAZAKHSTAN	42807	C	CALCUTTA/ALIPORE	INDIA
68442	CT	BLOEMFONTEIN AIRPORT	SOUTH AFRICA	03808	CT	CAMBORNE	U KINGDOM

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17112	C	CANAKKALE	TURKEY	84686	C	CUZCO	PERU
48808	C	CAO BANG	VIET NAM	43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA
07661	C	CAP CEPET	FRANCE	48855	CT	DA NANG	VIET NAM
80415	C	CARACAS/MAIQUETIA AEROP. INT	VENEZUELA	98440	C	DAET	PHILIPPINES
60155	CT	CASABLANCA	MOROCCO	98325	C	DAGUPAN	PHILIPPINES
16460	C	CATANIA/FONTANAROSSA	ITALY	62467	C	DAHAB	EGYPT
81405	CT	CAYENNE/ROCHAMBEAU	FRENCH GUIANA	61641	CT	DAKAR/YOFF	SENEGAL
94653	C	CEDUNA AIRPORT	AUSTRALIA	41712	CT	DAL BANDIN	PAKISTAN
89056	C	CENTRO MET.ANTARTICO"PDTE.ED	CHILE	40080	CT	DAMASCUS INT.AIRPORT	SYRIAN ARAB REP
87257	C	CERES AERO	ARGENTINA	04320	CT	DANMARKSHAVN	GREENLAND
38511	C	CHAGYL	TURKMENISTAN	65351	C	DAPAON	TOGO
10577	C	CHEMNITZ	GERMANY	60390	CT	DAR-EL-BEIDA	ALGERIA
41768	CT	CHHOR	PAKISTAN	38392	CT	DASHKHOVUZ	TURKMENISTAN
48327	CT	CHIANG MAI	THAILAND	26544	C	DAUGAVPILS	LATVIA
60425	C	CHLEF	ALGERIA	38527	CT	DAVALY	TURKMENISTAN
21946	C	CHOKURDAH	RUSSIAN FEDERATION	40435	C	DAWADMI	SAUDI ARABIA
16624	C	CHRYSOUPOLI(AIRPORT)	GREECE	72429	C	DAYTON/. COX, OH	USA
47101	C	CHUNCHON	REP KOREA	06260	CT	DE BILT	NETHERLANDS
38069	C	CIILI	KAZAKHSTAN	71958	C	DEASE LAKE B.C.	CANADA
96805	C	CILACAP	INDONESIA	12882	C	DEBRECEN	HUNGARY
72421	C	CINCINNATI/GREATER CIN., OH.	USA	65505	C	DEDOUGOU	BURKINA FASO
80444	C	CIUDAD BOLIVAR	VENEZUELA	40045	C	DEIR EZZOR	SYRIAN ARAB REP
72360	C	CLAYTON/MUN., NM.	USA	60387	C	DELLYS	ALGERIA
07460	C	CLERMONT-FERRAND	FRANCE	38829	C	DENAU	UZBEKISTAN
15120	CT	CLUJ-NAPOCA	ROMANIA	41624	CT	DERA ISMAIL KHAN	PAKISTAN
71090	C	CLYDE,N.W.T.	CANADA	72546	C	DES MOINES/MUN., IA.	USA
76741	C	COATZACOALCOS,VER.	MEXICO	72537	C	DETROIT/METROPOLITAN, MI.	USA
94711	CT	COBAR	AUSTRALIA	40416	CT	DHAHRAN	SAUDI ARABIA
43353	T	COCHIN/WILLINGDON	INDIA	42404	C	DHUBRI	INDIA
94791	C	COFFS HARBOUR MO	AUSTRALIA	42314	C	DIBRUGARH/MOHANBARI	INDIA
43466	C	COLOMBO	SRI LANKA	61967	CT	DIEGO GARCIA	OCEAN ISLANDS
71193	C	COMFORT COVE,NFLD.	CANADA	61085	C	DIFFA	NIGER
61832	C	CONAKRY/GBESSIA	GUINEA	07280	C	DIJON	FRANCE
85470	C	COPIAPO	CHILE	65562	C	DIMBOKRO	COTE D'IVOIRE
71915	T	CORAL HARBOUR UA, N.W.T.	CANADA	89054	C	DINAMET-URUGUAY	URUGUAY
10496	C	COTTBUS	GERMANY	61666	C	DIORBEL	SENEGAL
41992	C	COX'S BAZAR	BANGLADESH	98741	C	DIPOLOG	PHILIPPINES
85864	C	COYHAIQUE	CHILE	41508	C	DIR	PAKISTAN
78962	C	CROWN POINT AIRPORT,TOBAGO	TRINIDAD AND TOBAGO	40672	C	DIWANIYA	IRAQ
82704	C	CRUZEIRO DO SUL	BRAZIL	17280	CT	DIYARBAKIR	TURKEY
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA	38684	C	DJACHEV	TURKMENISTAN
83361	C	CUIABA	BRAZIL	60535	C	DJELFA	ALGERIA
80420	C	CUMANA	VENEZUELA	63125	C	DJIBOUTI	DJIBOUTI
83840	T	CURITIBA (AEROPORTO)	BRAZIL	34504	C	DNIPROPETROVS'K	UKRAINE

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63862	C	DODOMA	U REP TANZANIA	38750	C	ESENGYLY	TURKMENISTAN
41170	CT	DOHA INTERNATIONAL AIRPORT	QATAR	40800	C	ESFAHAN	IRAN, ISLAMIC REP
87648	C	DOLORES AERO	ARGENTINA	35067	C	ESIL'	KAZAKHSTAN
34519	C	DONETS'K	UKRAINE	03162	C	ESKDALEMUIR	U KINGDOM
65501	C	DORI	BURKINA FASO	87803	C	ESQUEL AERO	ARGENTINA
64910	CT	DOUALA OBS.	CAMEROON	60220	C	ESSAOUIRA	MOROCCO
10486	T	DRESDEN	GERMANY	94647	CT	EUCLA	AUSTRALIA
41515	CT	DROSH	PAKISTAN	71917	T	EUREKA UA, N.W.T.	CANADA
03969	C	DUBLIN AIRPORT	IRELAND	72432	C	EVANSVILLE/REG., IN.	USA
52836	C	DULAN	CHINA	37747	C	EVLAKH AIRPORT	AZERBAIJAN
98642	C	DUMAGUETE	PHILIPPINES	08558	C	EVORA/C. COORD	PORTUGAL
68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA	87576	CT	EZEIZA AERO	ARGENTINA
38836	C	DUSHANBE	TAJIKISTAN	65507	C	FADA N'GOURMA	BURKINA FASO
42731	C	DWARKA	INDIA	70261	C	FAIRBANKS/INT.	USA
24143	C	DZARDZAN	RUSSIAN FEDERATION	16191	C	FALCONARA	ITALY
35217	C	DZHAMBETJY	KAZAKHSTAN	61833	C	FARANAH/BADALA	GUINEA
71735	C	EARLTON,ONT.	CANADA	64753	C	FAYA	CHAD
68858	C	EAST LONDON	SOUTH AFRICA	76698	C	FELIPE CARRILLO PUERTO, Q.RO	MEXICO
03160	C	EDINBURGH AIRPORT	U KINGDOM	41943	C	FENI	BANGLADESH
71123	C	EDMONTON INT.,ALTA.	CANADA	38618	C	FERGANA	UZBEKISTAN
40199	C	EILAT	ISRAEL	11155	C	FEUERKOGEL	AUSTRIA
28440	C	EKATERINBURG	RUSSIAN FEDERATION	10578	C	FICHTELBERG	GERMANY
38388	C	EKEZHE	TURKMENISTAN	72637	C	FLINT/BISHOP, MI.	USA
62337	C	EL ARISH	EGYPT	16613	C	FLORINA	GREECE
60367	C	EL-KALA	ALGERIA	82212	C	FONTE BOA	BRAZIL
60550	CT	ELBAYADH	ALGERIA	71932	C	FORT MCMURRAY,ALTA.	CANADA
63686	C	ELDORET	KENYA	71700	C	FREDERICTON,N.B.	CANADA
16718	C	ELEFSIS (AIRPORT)	GREECE	02226	C	FROSON	SWEDEN
72486	C	ELY/YELLAND, NV.	USA	47843	C	FUKUE	JAPAN
07591	CT	EMBRUN	FRANCE	08522	CT	FUNCHAL	MADEIRA
10200	CT	EMDEN-FLUGPLATZ	GERMANY	60765	C	GABES	TUNISIA
29572	T	EMEL'JANOVO	RUSSIAN FEDERATION	60745	C	GAFSA	TUNISIA
76256	C	EMPALME, SON	MEXICO	65557	C	GAGNOA	COTE D'IVOIRE
62781	C	EN NAHUD	SUDAN	44284	C	GAIUUT	MONGOLIA
86297	C	ENCARNACION	PARAGUAY	72242	C	GALVESTON, TX.	USA
29263	C	ENISEJSK	RUSSIAN FEDERATION	64454	C	GAMBOMA	CONGO
63705	CT	ENTEbbe AIRPORT	UGANDA	43599	C	GAN	MALDIVES
65257	C	ENUGU	NIGERIA	61226	C	GAO	MALI
72550	C	EPPLEY FIELD,OMAHA, NE.	USA	62120	C	GARIAT EL-SHARGHIA	LIBYAN ARAB JAMAHIR
38656	C	ERBENT	TURKMENISTAN	40405	C	GASSIM	SAUDI ARABIA
44237	C	ERDENEMANDAL	MONGOLIA	42410	CT	GAUHATI	INDIA
53068	C	ERENHOT	CHINA	61099	C	GAYA	NIGER
10554	C	ERFURT-BINDERSLEBEN	GERMANY	62752	C	GEDAREF	SUDAN
17092	C	ERZINCAN	TURKEY	10628	C	GEISENHEIM	GERMANY

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64006	C	GEMENA	DEMO. REP THE CONG	40373	T	HAFR AL-BATIN	SAUDI ARABIA
06700	C	GENEVE-COINTRIN	SWITZERLAND & LIECH	40394	CT	HAIL	SAUDI ARABIA
68828	C	GEORGE AIRPORT	SOUTH AFRICA	17285	C	HAKKARI	TURKEY
08184	C	GERONA/COSTA BRAVA	SPAIN	71081	CT	HALL BEACH UA,N.W.T.	CANADA
60517	C	GHAZAOUET	ALGERIA	10147	C	HAMBURG-FUHLBUETTEL	GERMANY
62176	C	GIARABUB	LIBYAN ARAB JAMAHIR	10338	C	HANNOVER	GERMANY
08495	CT	GIBRALTAR	GIBRALTAR	02196	C	HAPARANDA	SWEDEN
71912	C	GILLAM,MAN.	CANADA	67774	T	HARARE (BELVEDERE)	ZIMBABWE
17034	C	GIRESUN	TURKEY	60581	C	HASSI-MESSAOUD	ALGERIA
64381	C	GISENYI	RWANDA	20891	CT	HATANGA	RUSSIAN FEDERATION
41140	C	GIZAN	SAUDI ARABIA	71935	C	HAY RIVER,N.W.T.	CANADA
72768	C	GLASGOW/INTL, MT.	USA	02974	C	HELSINKI-VANTAA	FINLAND
20292	CT	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION	03496	T	HEMSBY	U KINGDOM
43192	CT	GOA/PANJIM	INDIA	33910	C	HENICHES'K	UKRAINE
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	16754	CT	HERAKLION (AIRPORT)	GREECE
10499	C	GOERLITZ	GERMANY	71066	C	HIGH LEVEL, ALTA	CANADA
83423	C	GOIANIA	BRAZIL	91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA
63331	C	GONDAR	ETHIOPIA	91285	CT	HILO/GEN. LYMAN, HAWAII,	USA ONIA
71816	CT	GOOSE UA,NFLD.	CANADA	98755	C	HINATUAN	PHILIPPINES
97048	C	GORONTALO/JALALUDDIN	INDONESIA	94975	CT	HOBART AIRPORT	AUSTRALIA
02527	T	GOTEBORG/LANDVETTER	SWEDEN	10962	C	HOHENPEISSENBERG	GERMANY
07535	C	GOURDON	FRANCE	93615	C	HOKITIKA AERODROME AWS	N ZEALAND
94150	CT	GOVE AIRPORT	AUSTRALIA	61240	C	HOMBORI	MALI
71940	C	GRANDE PRAIRIE,ALTA.	CANADA	62131	C	HON	LIBYAN ARAB JAMAHIR
72317	C	GREENSBORO/G.-HIGH PT., NC.	USA	08506	C	HORTA (ACORES)	PORTUGAL
68014	CT	GROOTFONTEIN	NAMIBIA	23219	C	HOSEDA-HARD	RUSSIAN FEDERATION
76612	C	GUADALAJARA,JAL.	MEXICO	51828	C	HOTAN	CHINA
60403	C	GUELMA	ALGERIA	72243	C	HOUSTON/INTERCONTI- NENTAL,	USA
80423	C	GUIRIA	VENEZUELA	44218	C	HOVD	MONGOLIA
63630	C	GULU	UGANDA	78806	T	HOWARD AFB	PANAMA
37686	C	GUMRI	ARMENIA	66318	C	HUAMBO (NOVA LISBOA)	ANGOLA
02128	C	GUNNARN	SWEDEN	48852	C	HUE	VIET NAM
40360	C	GURIAT	SAUDI ARABIA	44285	C	HUJIRT	MONGOLIA
70367	C	GUSTAVUS	USA	72323	C	HUNTSVILLE/MADISON CO., AL.	USA
68034	C	GWETA	BOTSWANA	72654	C	HURON/HURON REGIONAL, SD.	USA
37735	C	GYANCA	AZERBAIJAN	44232	C	HUTAG	MONGOLIA
37749	C	GYOYCHAY	AZERBAIJAN	43128	CT	HYDERABAD AIRPORT	INDIA
38763	C	GYZYLARBAT	TURKMENISTAN	47016	C	HYESAN	DPR KOREA
40250	C	H-4 'IRWAISHED'	JORDAN	15090	C	IASI	ROMANIA
48820	CT	HA NOI	VIET NAM	82067	C	IAUARETE	BRAZIL
31735	C	HABAROVSK	RUSSIAN FEDERATION	80214	C	IBAGUE/PERALES	COLOMBIA
47678	CT	HACHIJOJIMA	JAPAN	08373	C	IBIZA/ES CODOLA	SPAIN
40634	C	HADITHA	IRAQ	32411	C	ICA	RUSSIAN FEDERATION
47069	C	HAEJU	DPR KOREA	16756	C	IERAPETRA	GREECE

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87097	C	IGUAZU AERO	ARGENTINA	97690	C	JAYAPURA/SENTANI	INDONESIA
61970	C	ILE JUAN DE NOVA	OCEAN ISLANDS	41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA
25248	C	ILIRNEJ	RUSSIAN FEDERATION	60725	C	JENDOUBA	TUNISIA
04339	CT	ILLOQQORTOORMIUT (SCORESBYSU	GREENLAND	08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN
65101	C	ILORIN	NIGERIA	41936	C	JESSORE	BANGLADESH
31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION	41598	CT	JHELUM	PAKISTAN
64459	C	IMPFONDO	CONGO	60351	C	JIJEL ACHOUAT	ALGERIA
60611	C	IN AMENAS	ALGERIA	63402	C	JIMMA	ETHIOPIA
60690	C	IN-GUEZZAM	ALGERIA	52533	C	JIUQUAN	CHINA
42754	C	INDORE	INDIA	41756	CT	JIWANI	PAKISTAN
98434	C	INFANTA	PHILIPPINES	42339	CT	JODHPUR	INDIA
67323	C	INHAMBANE	MOZAMBIQUE	02929	C	JOENSUU	FINLAND
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	68368	C	JOHANNESBURG INT. AIRPORT	SOUTH AFRICA
64115	C	INONGO	DEMO. REP THE CONG	02963	CT	JOKIOINEN	FINLAND
72747	CT	INT.FALLS/FALLS INT.MN.	USA	02550	C	JONKOPING/AXAMO	SWEDEN
71907	CT	INUKJUAK, QUE	CANADA	65134	C	JOS	NIGERIA
93844	CT	INVERCARGILL AERODROME	N ZEALAND	78762	CT	JUAN SANTAMARIA	COSTA RICA
16642	C	IOANNINA (AIRPORT)	GREECE	62941	C	JUBA	SUDAN
80370	C	IPIALES/SAN LUIS	COLOMBIA	83692	C	JUIZ DE FORA	BRAZIL
71909	CT	IQUALUIT, N.W.T.	CANADA	87046	C	JUJUY AERO	ARGENTINA
84377	C	IQUITOS	PERU	78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN, ST.EUST
83836	C	IRATI	BRAZIL	87548	C	JUNIN AERO	ARGENTINA
40255	C	IRBID	JORDAN	32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION
68263	T	IRENE	SOUTH AFRICA	02935	CT	JYVASKYLA	FINLAND
30710	C	IRKUTSK	RUSSIAN FEDERATION	43588	C	KAADEDHDHOO	MALDIVES
29807	C	IRTYSHSK	KAZAKHSTAN	40948	CT	KABUL AIRPORT	AFGHANISTAN
47918	CT	ISHIGAKIJIMA	JAPAN	62810	C	KADUGLI	SUDAN
64062	C	ISIRO	DEMO. REP THE CONG	61492	C	KAEDI	MAURITANIA
41571	CT	ISLAMABAD AIRPORT	PAKISTAN	47827	CT	KAGOSHIMA	JAPAN
17240	CT	ISPARTA	TURKEY	17255	C	KAHRAMANMARAS	TURKEY
17062	CT	ISTANBUL/GOZTEPE	TURKEY	60735	C	KAIROUAN	TUNISIA
82336	C	ITACOATIARA	BRAZIL	02897	C	KAJAANI	FINLAND
98132	C	ITBAYAT	PHILIPPINES	41535	C	KAKUL	PAKISTAN
33526	C	IVANO-FRANKIVS'K	UKRAINE	16726	C	KALAMATA (AIRPORT)	GREECE
34415	C	IZIUM	UKRAINE	64380	C	KAMEMBE	RWANDA
17220	CT	IZMIR/GUZELYALT	TURKEY	40637	C	KANAQIN	IRAQ
84088	C	IZOBAMBA	ECUADOR	61679	C	KAOLACK	SENEGAL
68112	CT	J.G.STRIJDOM	NAMIBIA	71831	C	KAPUSKASING,ONT.	CANADA
72235	C	JACKSON/ALLEN C. THOMP., MS.	USA	02080	C	KARESUANDO	SWEDEN
43041	C	JAGDALPUR	INDIA	10438	C	KASSEL	GERMANY
24959	CT	JAKUTSK	RUSSIAN FEDERATION	44454	CT	KATHMANDU AIRPORT	NEPAL
01001	CT	JAN MAYEN	NORWAY	26629	C	KAUNAS	LITHUANIA
38141	C	JASLYK	UZBEKISTAN	92076	C	KAVIENG W.O.	PAPUA N GUINEA
96791	C	JATIWANGI	INDONESIA	67403	C	KAWAMBWA	ZAMBIA

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61257	C	KAYES	MALI	33791	C	KRYVYI RIH	UKRAINE
27595	CT	KAZAN'	RUSSIAN FEDERATION	60514	C	KSAR CHELLALA	ALGERIA
61699	C	KEDOUGOU	SENEGAL	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
68312	C	KEETMANSHOOP	NAMIBIA	37675	C	KUBA	AZERBAIJAN
04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND	96413	CT	KUCHING	MALAYSIA
10946	C	KEMPTEN	GERMANY	62271	C	KUFRA	LIBYAN ARAB JAMAHIR
60120	C	KENITRA	MOROCCO	47819	C	KUMAMOTO	JAPAN
33983	C	KERCH	UKRAINE	56778	CT	KUNMING	CHINA
02805	C	KEVO	FINLAND	97372	C	KUPANG/EL TARI	INDONESIA
72201	CT	KEY WEST/INT., FL.	USA	28952	CT	KUSTANAI	KAZAKHSTAN
37673	C	KHACHMAZ AERODROME	AZERBAIJAN	40665	C	KUT-AL-HAI	IRAQ
33902	C	KHERSON	UKRAINE	02869	C	KUUSAMO	FINLAND
33429	C	KHMEL'NYTS'KYI	UKRAINE	40582	CT	KUWAIT INT'L. AIRPORT	KUWAIT
38599	C	KHUDJAND	TAJIKISTAN	47158	T	KWANGJU AB	REP KOREA
61214	C	KIDAL	MALI	33345	CT	KYIV	UKRAINE
61498	C	KIFFA	MAURITANIA	34609	C	KYRYLIVKA	UKRAINE
64387	C	KIGALI	RWANDA	16743	C	KYTHIRA	GREECE
64222	C	KIKWIT	DEMO. REP THE CONG	38062	CT	KYZYLORDA	KAZAKHSTAN
02801	C	KILPISJARVI	FINLAND	33393	CT	L'VIV	UKRAINE
47025	C	KIMCHAEK	DPR KOREA	78705	C	LA CEIBA (AIRPORT)	HONDURAS
61818	C	KINDIA	GUINEA	61809	C	LABE	GUINEA
27199	C	KIROV	RUSSIAN FEDERATION	60545	C	LAGHOUAT	ALGERIA
64040	C	KISANGANI	DEMO. REP THE CONG	41640	CT	LAHORE CITY	PAKISTAN
61270	C	KITA	MALI	08508	T	LAJES/SANTA RITA (ACORES)	PORTUGAL
92001	C	KIUNGA W.O.	PAPUA N GUINEA	72240	C	LAKE CHARLES/MUN., LA.	USA
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	16675	C	LAMIA	GREECE
33939	C	KLEPYNINE	UKRAINE	72576	C	LANDER/HUNT, WY.	USA
72326	C	KNOXVILLE/MUN., TN.	USA	98223	C	LAOAG	PHILIPPINES
11487	C	KOCELOVICE	CZECH REP	16648	C	LARISSA (AIRPORT)	GREECE
06181	T	KOEBENHAVN/JAEGERSBORG	DENMARK AND FAROE I	80241	CT	LAS GAVIOTAS	COLOMBIA
47638	C	KOFU	JAPAN	40022	C	LATTAKIA	SYRIAN ARAB REP
41564	C	KOHAT	PAKISTAN	94968	C	LAUNCESTON AIRPORT	AUSTRALIA
28879	C	KOKSHETAY	KAZAKHSTAN	07207	C	LE TALUT	FRANCE
61698	C	KOLDA	SENEGAL	12120	CT	LEBA	POLAND
33723	C	KOMISARIVKA	UKRAINE	03257	C	LEEMING	U KINGDOM
10929	C	KONSTANZ	GERMANY	12374	T	LEGIONOWO	POLAND
25954	CT	KORF	RUSSIAN FEDERATION	10469	C	LEIPZIG-SCHKEUDITZ	GERMANY
16742	C	KOS (AIRPORT)	GREECE	38998	C	LEKKER	TURKMENISTAN
42452	C	KOTA AERODROME	INDIA	36208	C	LENINOGORSK	KAZAKHSTAN
38343	C	KOULAN	KAZAKHSTAN	03005	CT	LERWICK	U KINGDOM
16632	C	KOZANI (AIRPORT)	GREECE	78447	C	LES CAYES	HAITI
12566	C	KRAKOW	POLAND	71874	C	LETHBRIDGE,ALTA.	CANADA
14008	C	KREDARICA	SLOVENIA	72422	C	LEXINGTON/BLUE GRASS, KY.	USA
64971	C	KRIBI	CAMEROON	55591	CT	LHASA	CHINA

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64015	C	LIBENGE	DEMO. REP THE CONG	67027	C	MAJUNGA	MADAGASCAR
67217	C	LICHINGA	MOZAMBIQUE	41030	C	MAKKAH	SAUDI ARABIA
91165	CT	LIHUE, KAUAI, HAWAII	USA QUE	03980	C	MALIN HEAD	IRELAND
07015	C	LILLE	FRANCE	61820	C	MAMOU	GUINEA
07434	C	LIMOGES	FRANCE	03334	C	MANCHESTER AIRPORT	U KINGDOM
10393	CT	LINDENBERG	GERMANY	64701	C	MAO	CHAD
08535	C	LISBOA/GEOF	PORTUGAL	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
33761	C	LIUBASHIVKA	UKRAINE	87774	C	MAQUINCHAO	ARGENTINA
67743	C	LIVINGSTONE	ZAMBIA	80407	C	MARACAIBO-LA CHINITA	VENEZUELA
14015	C	LJUBLJANA/BEZIGRAD	SLOVENIA	60506	C	MASCARA METMORE	ALGERIA
84545	C	LLATA	PERU	44314	C	MATAD	MONGOLIA
64146	C	LODJA	DEMO. REP THE CONG	68032	C	MAUN	BOTSWANA
08084	C	LOGRONO/AGONCILLO	SPAIN	66447	C	MAVINGA	ANGOLA
84270	C	LOJA/LA ARGELIA	ECUADOR	89564	CT	MAWSON	AUSTRALIA
15511	C	LOM	BULGARIA	64503	C	MAYUMBA	GABON
71623	C	LONDON,ONT.	CANADA	40911	C	MAZAR-I-SHARIF	AFGHANISTAN
94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA	64005	C	MBANDAKA	DEMO. REP THE CONG
78652	C	LOS ANDES	EL SALVADOR	64247	C	MBUJI-MAYI	DEMO. REP THE CONG
64401	C	LOUBOMO	CONGO	70231	C	MCGRATH	USA
48930	C	LUANG-PRABANG	LAO PDR	71897	C	MCINNES IS.,B.C.	CANADA
33377	C	LUBNY	UKRAINE	71125	C	MEADOW LAKE,SASK.	CANADA
42369	T	LUCKNOW/AMAUSI	INDIA	60549	C	MECHERIA	ALGERIA
42099	C	LUDHIANA	INDIA	60437	C	MEDEA	ALGERIA
10156	C	LUEBECK-BLANKENSEE	GERMANY	94430	CT	MEEKATHARRA AIRPORT	AUSTRALIA
06770	C	LUGANO	SWITZERLAND & LIECH	10548	CT	MEININGEN	GERMANY
34523	C	LUHANS'K	UKRAINE	60150	C	MEKNES	MOROCCO
98747	C	LUMBIA AIRPORT	PHILIPPINES	60338	C	MELILLA	SPAIN
61856	C	LUNGI	SIERRA LEONE	61250	C	MENAKA	MALI
64209	C	LUOZI	DEMO. REP THE CONG	86490	C	MERCEDES	URUGUAY
16597	C	LUQA	MALTA	16420	C	MESSINA	ITALY
67665	C	LUSAKA INTERNATIONALAIRPORT	ZAMBIA	16734	C	METHONI	GREECE
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	76680	C	MEXICO (CENTRAL), D.F.	MEXICO
03740	C	LYNEHAM	U KINGDOM	67599	C	MFUWE	ZAMBIA
07481	C	LYON/SATOLAS	FRANCE	41592	C	MIANWALI	PAKISTAN
64452	C	M'POUYA	CONGO	60195	C	MIDELT	MOROCCO
60467	C	M'SILA	ALGERIA	33846	C	MIKOLAIV	UKRAINE
40310	C	MA'AN	JORDAN	84202	C	MILAGRO	ECUADOR
44294	C	MAANTI	MONGOLIA	47945	CT	MINAMIDAITOJIMA	JAPAN
43185	C	MACHILIPATNAM	INDIA	89592	CT	MIRNYJ	USSR
92014	C	MADANG W.O.	PAPUA N GUINEA	12772	C	MISKOLC	HUNGARY
47624	C	MAEBASHI	JAPAN	64552	C	MITZIC	GABON
40265	T	MAFRAQ	JORDAN	47585	C	MIYAKO	JAPAN
10361	C	MAGDEBURG	GERMANY	68242	CT	MMABATHO	SOUTH AFRICA
47750	C	MAIZURU	JAPAN	64565	C	MOANDA	GABON

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64665	C	MOBAYE	CENTRAL AFRICAN REP	23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION
66422	C	MOCAMEDES	ANGOLA	40676	C	NASIRIYA	IRAQ
30673	C	MOGOCA	RUSSIAN FEDERATION	65319	C	NATITINGOU	BENIN
47165	C	MOKPO	REP KOREA	91683	C	NAUSORI	FIJI
72544	C	MOLINE/QUAD CITY, IL.	USA	41749	CT	NAWABSHAH	PAKISTAN
92044	CT	MOMOTE W.O.	PAPUA N GUINEA	16732	C	NAXOS	GREECE
07560	C	MONT AIGOUAL	FRANCE	47909	CT	NAZE	JAPAN
71836	T	MOOSONEE,ONT.	CANADA	64700	CT	NDJAMENA	CHAD
61265	C	MOPTI	MALI	67561	C	NDOLA	ZAMBIA
47584	C	MORIOKA	JAPAN	38634	C	NEBITDAG	TURKMENISTAN
27612	CT	MOSKVA	RUSSIAN FEDERATION	80315	C	NEIVA/BENITO SALAS	COLOMBIA
64402	C	MOUYONDZI	CONGO	47420	CT	NEMURO	JAPAN
63619	C	MOYALE	KENYA	10280	C	NEUBRANDENBURG	GERMANY
67477	C	MPIKA	ZAMBIA	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
94332	CT	MT ISA AERO	AUSTRALIA	64870	C	NGAOUNDERE	CAMEROON
63971	C	MTWARA	U REP TANZANIA	48877	C	NHA TRANG	VIET NAM
10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY	61052	CT	NIAMEY-AERO	NIGER
17292	C	MUGLA	TURKEY	07690	C	NICE	FRANCE
42147	C	MUKTESHWAR KUMAON	INDIA	17250	C	NIGDE	TURKEY
41675	CT	MULTAN	PAKISTAN	02942	C	NIINISALO	FINLAND
98329	C	MUNOZ	PHILIPPINES	32618	C	NIKOL'SKOE	RUSSIAN FEDERATION
08430	T	MURCIA	SPAIN	07645	T	NIMES/COURBESSAC	FRANCE
72636	C	MUSKEGON/COUNTY, MI.	USA	98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES
41006	C	MUWAIH	SAUDI ARABIA	61230	C	NIORO DU SAHEL	MALI
63756	C	MWANZA	U REP TANZANIA	71130	C	NIPAWIN, SASK.	CANADA
67441	C	MWINILUNGA	ZAMBIA	23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION
48008	C	MYITKYINA	MYANMAR	41710	CT	NOKKUNDI	PAKISTAN
33466	C	MYRONIVKA	UKRAINE	70200	CT	NOME	USA
25173	CT	MYS SHMIDTA	RUSSIAN FEDERATION	94996	CT	NORFOLK ISLAND AERO	AUSTRALIA
16667	C	MYTILINI (AIRPORT)	GREECE	61415	CT	NOUADHIBOU	MAURITANIA
64654	C	N'DELE	CENTRAL AFRICAN REP	34691	C	NOVYJ USTOGAN	KAZAKHSTAN
61049	C	N'GUIGMI	NIGER	10763	C	NUERNBERG	GERMANY
61849	C	N'ZEREKORE	GUINEA	04250	C	NUUK (GODTHAAB)	GREENLAND
60557	C	NAAMA	ALGERIA	91212	C	NWSO AGANA, GUAM, MARIANA,	USA
92047	C	NADZAB W.O.	PAPUA N GUINEA	62790	C	NYALA	SUDAN
42867	CT	NAGPUR SONEGAON	INDIA	62200	C	OBARI	LIBYAN ARAB JAMAHIR
47936	CT	NAHA	JAPAN	47417	C	OBIHIRO	JAPAN
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	64659	C	OBO	CENTRAL AFRICAN REP
41128	C	NAJRAN	SAUDI ARABIA	33837	CT	ODESA	UKRAINE
48400	C	NAKHON SAWAN	THAILAND	65528	C	ODIENNE	COTE D'IVOIRE
62002	C	NALUT	LIBYAN ARAB JAMAHIR	31088	CT	OHOTSK	RUSSIAN FEDERATION
38611	CT	NAMANGAN	UZBEKISTAN	47815	C	OITA	JAPAN
07180	CT	NANCY/ESSEY	FRANCE	24688	C	OJMJAKON	RUSSIAN FEDERATION
16289	C	NAPOLI/CAPODICHINO	ITALY	24125	CT	OLENEK	RUSSIAN FEDERATION

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72792	C	OLYMPIA, WA.	USA	80210	C	PEREIRA/MATECANA	COLOMBIA
47655	C	OMAEZAKI	JAPAN	16230	C	PESCARA	ITALY
44215	C	OMNO-GOBI	MONGOLIA	28679	C	PETROPAVLOVSK	KAZAKHSTAN
28698	CT	OMSK	RUSSIAN FEDERATION	48887	C	PHANTHIEP	VIET NAM
47598	C	ONAHAMA	JAPAN	48378	C	PHITSANULOK	THAILAND
91699	C	ONO-I-LAU	FIJI	48991	C	PHNOM-PENH/POCHENTONG	CAMBODIA
60461	C	ORAN PORT	ALGERIA	72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA
35121	CT	ORENBURG	RUSSIAN FEDERATION	48826	C	PHU LIEN	VIET NAM
01241	CT	ORLAND	NORWAY	78970	CT	PIARCO INT. AIRPORT, TRINIDAD	TRINIDAD AND TOBAGO
40712	C	ORUMIEH	IRAN, ISLAMIC REP	71845	CT	PICKLE LAKE, ONT.	CANADA
47122	T	OSAN AB	REP KOREA	68174	CT	PIETERSBURG	SOUTH AFRICA
10480	C	OSCHATZ	GERMANY	87679	C	PIGUE AERO	ARGENTINA
47675	C	OSHIMA	JAPAN	86255	C	PILAR	PARAGUAY
01384	CT	OSLO/GARDERMOEN	NORWAY	16158	C	PISA/S. GIUSTO	ITALY
85782	C	OSORNO	CHILE	84401	C	PIURA	PERU
11782	C	OSTRAVA/MOSNOV	CZECH REP	37050	C	PJATIGORSK	RUSSIAN FEDERATION
71628	C	OTTAWA INT'L. ONT.	CANADA	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
65502	C	OUAHIGOUYA	BURKINA FASO	07117	C	PLOUMANACH	FRANCE
07100	C	OUESSANT	FRANCE	65518	C	PO	BURKINA FASO
60115	C	OUIDA	MOROCCO	72578	C	POCATELLO/NUM., ID.	USA
02875	C	OULU	FINLAND	13463	C	PODGORICA-GRAD	YUGOSLAVIA
60421	C	OUM EL BOUAGHI	ALGERIA	47138	CT	POHANG	REP KOREA
08015	C	OVIEDO	SPAIN	07335	C	POITIERS	FRANCE
47663	C	OWASE	JAPAN	20046	CT	POLARGMO IM. E.T. KRENKELJA	RUSSIAN FEDERATION
87823	C	P.MADRYN AERO	ARGENTINA	33705	C	POMICHTNA	UKRAINE
41746	C	PAD IDAN	PAKISTAN	08513	C	PONTA DELGADA/(OBS.)	PORTUGAL
91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA AND AMERICAN	43063	C	POONA	INDIA
48955	C	PAKSE	LAO PDR	11934	C	POPRAD/TATRY	SLOVAKIA
64709	C	PALA	CHAD	43333	CT	PORT BLAIR	INDIA
43363	C	PAMBAN	INDIA	83332	C	POSSE	BRAZIL
41739	CT	PANJGUR	PAKISTAN	85293	C	POTOSI	BOLIVIA
41560	CT	PARACHINAR	PAKISTAN	12330	CT	POZNAN	POLAND
41759	C	PASNI	PAKISTAN	11520	CT	PRAHA-LIBUS	CZECH REP
42492	T	PATNA	INDIA	68262	C	PRETORIA	SOUTH AFRICA
36003	CT	PAVLODAR	KAZAKHSTAN	04390	C	PRINS CHRISTIAN SUND	GREENLAND
06610	CT	PAYERNE	SWITZERLAND & LIECH	72507	C	PROVIDENCE/GREEN STATE, RI.	USA
71068	C	PEACE RIVER, ALTA.	CANADA	12695	C	PRZEMYSL	POLAND
12942	C	PECS/POGANY	HUNGARY	80412	C	PTO. CABELLO	VENEZUELA
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	84515	C	PUCALLPA	PERU
87544	C	PEHUAJO AERO	ARGENTINA	85574	C	PUDAHUEL	CHILE
91554	C	PEKOA AIRPORT (SANTO)	VANUATU	76685	C	PUEBLA, PUE.	MEXICO
67215	C	PEMBA	MOZAMBIQUE	70249	C	PUNTILLA	USA
48601	CT	PENANG/BAYAN LEPAS	MALAYSIA	84705	C	PUQUIO	PERU
72532	C	PEORIA/GREATER PEORIA, IL.	USA	47159	C	PUSAN	REP KOREA

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84179	C	PUYO	ECUADOR	06190	C	ROENNE	DENMARK AND FAROE I
47058	CT	PYONGYANG	DPR KOREA	41725	C	ROHRI	PAKISTAN
37740	C	QABALA	AZERBAIJAN	16239	C	ROMA/CIAMPINO	ITALY
68456	C	QACHA'S NEK	LESOTHO	03957	C	ROSSLARE	IRELAND
56137	C	QAMDO	CHINA	89062	C	ROTHERA POINT	U KINGDOM
54857	C	QINGDAO	CHINA	07037	C	ROUEN	FRANCE
50745	C	QIQIHAR	CHINA	98538	C	ROXAS	PHILIPPINES
41660	C	QUETTA AIRPORT	PAKISTAN	33834	C	ROZDIL'NA	UKRAINE
72797	C	QUILLAYUTE, WA.	USA	64383	C	RUHENGERI	RWANDA
48870	C	QUY NHON	VIET NAM	47406	C	RUMOI	JAPAN
60135	C	RABAT-SALE	MOROCCO	51777	C	RUOQIANG	CHINA
40362	C	RAFHA	SAUDI ARABIA	85141	C	RURRENABAQUE	BOLIVIA
72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA	40642	C	RUTBAH	IRAQ
41859	C	RANGPUR	BANGLADESH	28966	C	RUZAEVKA	KAZAKHSTAN
91997	T	RAOUL ISLAND, KERMADEC IS.	N ZEALAND	61931	C	S. TOME	OCEAN ISLANDS
91958	CT	RAPA	FRENCH POLY.	71600	CT	SABLE ISLAND,N.S.	CANADA
91843	CT	RAROTONGA	COOK ISLANDS	72483	C	SACRAMENTO/EXECUTIVECA.	USA
40102	C	RAYACK	LEBANON	06680	C	SAENTIS	SWITZERLAND & LIECH
22602	C	REBOLY	RUSSIAN FEDERATION	42671	C	SAGAR	INDIA
82900	CT	RECIFE (CURADO)	BRAZIL	41523	C	SAIDU SHARIF	PAKISTAN
71854	C	RED LAKE,ONT.	CANADA	08202	C	SALAMANCA/MATACAN	SPAIN
71863	C	REGINA,SASK.	CANADA	16723	C	SAMOS (AIRPORT)	GREECE
07070	C	REIMS	FRANCE	08023	CT	SANTANDER	SPAIN
82979	C	REMANSO	BRAZIL	83780	T	SAO PAULO (AEROPOR- TO)	BRAZIL
07130	C	RENNES	FRANCE	47412	CT	SAPORO	JAPAN
84396	C	REQUENA	PERU	14654	C	SARAJEVO/BEJELAVE	BOSNIA AND HERZEGOV
87155	CT	RESISTENCIA AERO.	ARGENTINA	65599	C	SASSANDRA	COTE D'IVOIRE
16758	C	RETHYMNON	GREECE	71260	C	SAULT STE MARIE, ONT.	CANADA
85140	C	REYES	BOLIVIA	48947	C	SAVANNAKHET	LAO PDR
16749	C	RHODES (AIRPORT)	GREECE	48938	C	SAYABOURY	LAO PDR
85043	C	RIBERALTA	BOLIVIA	71828	C	SCHEFFERVILLE,QUE.	CANADA
72401	C	RICHMOND/BYRD, VA.	USA	98430	C	SCIENCE GARDEN	PHILIPPINES
26422	T	RIGA	LATVIA	72793	C	SEATTLE/S.-TACOMA, WA.	USA
91948	CT	RIKITEA	FRENCH POLY.	62124	CT	SEBHA	LIBYAN ARAB JAMAHIR
44203	C	RINCHINHUMBE	MONGOLIA	10261	C	SEEHAUSEN	GERMANY
80035	T	RIOHACHA/ALMIRANTE PADILLA	COLOMBIA	61892	C	SEFADU	SIERRA LEONE
41533	C	RISALPUR	PAKISTAN	61272	C	SEGOU	MALI
33301	C	RIVNE	UKRAINE	25703	CT	SEJMCHAN	RUSSIAN FEDERATION
40438	C	RIYADH	SAUDI ARABIA	36177	C	SEMIPALATINSK	KAZAKHSTAN
17040	C	RIZE	TURKEY	62762	C	SENNAR	SUDAN
72411	C	ROANOKE/MUN., VA.	USA	47108	C	SEOUL	REP KOREA
65660	C	ROBERTS FIELD	LIBERIA	71811	CT	SEPT-ILES UA,QUE.	CANADA
72529	C	ROCHESTER/R-MONROE CTY., NY.	USA	16606	C	SERRAI	GREECE
61988	C	RODRIGUES	MAURITIUS	67741	C	SESHEKE	ZAMBIA

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60445	C	SETIF	ALGERIA	07190	C	STRASBOURG	FRANCE
08391	C	SEVILLA/SAN PABLO	SPAIN	10738	C	STUTTGART- ECHTERDINGEN	GERMANY
70277	C	SEWARD	USA	85283	C	SUCRE	BOLIVIA
63980	C	SEYCHELLES INT. AIRPORT	SEYCHELLES	71730	C	SUDBURY,ONT.	CANADA
37661	C	SHAKI	AZERBAIJAN	15360	C	SULINA	ROMANIA
70414	T	SHEMYA AFB	USA	33275	C	SUMY	UKRAINE
47778	CT	SHIONOMISAKI	JAPAN	02365	T	SUNDSVALL-HARNOSAND FPL	SWEDEN
72248	CT	SHREVEPORT/REG., LA.	USA	41268	C	SUR	OMAN
38328	C	SHYMKENT	KAZAKHSTAN	47421	C	SUTTSU	JAPAN
26524	C	SIAULIAI	LITHUANIA	01008	C	SVALBARD LUFTHAVN	NORWAY
15260	C	SIBIU	ROMANIA	71870	C	SWIFT CURRENT,SASK.	CANADA
60520	C	SIDI BEL ABBES	ALGERIA	71707	C	SYDNEY,N.S.	CANADA
48966	C	SIEMREAP	CAMBODIA	23804	CT	SYKTYVKAR	RUSSIAN FEDERATION
61811	C	SIGUIRI	GUINEA	41891	C	SYLHET	BANGLADESH
17210	C	SIIRT	TURKEY	89532	CT	SYOWA	JAPAN
61297	C	SIKASSO	MALI	72519	C	SYRACUSE/HANCOCK, NY.	USA
42619	C	SILCHAR	INDIA	12205	C	SZCZECIN	POLAND
32195	C	SIMUSIR	RUSSIAN FEDERATION	12982	CT	SZEGED	HUNGARY
48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE	12812	C	SZOMBATHELY	HUNGARY
71842	C	SIoux LOOKOUT,ONT.	CANADA	40706	CT	TABRIZ	IRAN, ISLAMIC REP
62019	CT	SIRTE	LIBYAN ARAB JAMAHR	84782	C	TACNA	PERU
16757	C	SITIA	GREECE	47133	C	TAEJON	REP KOREA
17090	C	SIVAS	TURKEY	38989	T	TAGTABAZAR	TURKMENISTAN
62417	C	SIWA	EGYPT	61043	C	TAHOUA	NIGER
60355	C	SKIKDA	ALGERIA	35406	C	TAIPAK	KAZAKHSTAN
16684	C	SKYROS (AIRPORT)	GREECE	47612	C	TAKADA	JAPAN
71069	C	SLAVE LAKE, ALTA	CANADA	26038	CT	TALLINN	ESTONIA
11903	C	SLIAC	SLOVAKIA	38413	C	TAMDY	UZBEKISTAN
71950	C	SMITHERS,B.C.	CANADA	16699	C	TANAGRA (AIRPORT)	GREECE
02836	CT	SODANKYLA	FINLAND	76903	C	TAPACHULA, CHIS.	MEXICO
15614	CT	SOFIA (OBSERV.)	BULGARIA	84455	C	TARAPOTO	PERU
65361	C	SOKODE	TOGO	04360	CT	TASIILAQ (AMASSALIK)	GREENLAND
67551	C	SOLWEZI	ZAMBIA	16715	C	TATOI	GREECE
48806	C	SON LA	VIET NAM	96481	CT	TAWAU	MALAYSIA
97502	C	SORONG/JEFMAN	INDONESIA	98427	C	TAYABAS	PHILIPPINES
64460	C	SOUANKE	CONGO	62259	C	TAZERBO	LIBYAN ARAB JAMAHR
14445	C	SPLIT/MARJAN	CROATIA	37549	CT	TBILISI	GEORGIA
72785	C	SPOKANE/INT.,WA.	USA	64507	C	TCHIBANGA	GABON
68512	CT	SPRINGBOK	SOUTH AFRICA	78720	CT	TEGUCIGALPA	HONDURAS
42027	CT	SRINAGAR	INDIA	40754	CT	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS	78706	C	TELA	HONDURAS
01415	CT	STAVANGER/SOLA	NORWAY	35426	C	TEMIR	KAZAKHSTAN
71815	CT	STEPHENVILLE UA,NFLD	CANADA	56739	C	TENGCHONG	CHINA
80475	C	STO.DOMINGO (B.A.)	VENEZUELA	83492	C	TEOFILO OTONI	BRAZIL

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76373	C	TEPEHUANES, DGO	MEXICO	48354	C	UDON THANI	THAILAND
33415	C	TERNOPIL'	UKRAINE	44214	C	UIGI	MONGOLIA
61202	CT	TESSALIT	MALI	35416	C	UIL	KAZAKHSTAN
60318	C	TETUAN/SANIA RAMEL	MOROCCO	97180	CT	UJUNG PANDANG/HASANUDDIN	INDONESIA
48840	C	THANH HOA	VIET NAM	44212	C	ULAAN-GOM	MONGOLIA
16622	C	THESSALONIKI/MIKRA	GREECE	44272	C	ULIATAI	MONGOLIA
16744	C	THIRA (AIRPORT)	GREECE	47115	C	ULLUNGDO	REP KOREA
06011	CT	THORSHAVN	DENMARK AND FAROE I	33587	C	UMAN'	UKRAINE
41314	C	THUMRAIT	OMAN	44304	C	UNDERKHAAN	MONGOLIA
60511	C	TIARET	ALGERIA	76225	C	UNIV. DE CHIHUAHUA, CHIHUAHU	MEXICO
61450	C	TIDJIKJA	MAURITANIA	04210	C	UPERNAVIK	GREENLAND
61036	C	TILLABERY	NIGER	68424	CT	UPINGTON	SOUTH AFRICA
02366	C	TIMRA/MIDLANDA	SWEDEN	72501	T	UPTON, NY	USA
60656	C	TINDOUF	ALGERIA	47426	C	URAKAWA	JAPAN
03100	C	TIREE	U KINGDOM	38396	C	URGENCH	UZBEKISTAN
60395	C	TIZI-OUZOU	ALGERIA	51463	CT	URUMQI	CHINA
60531	C	TLEMCEN (ZENATA)	ALGERIA	17188	C	USAK	TURKEY
28275	C	TOBOL'SK	RUSSIAN FEDERATION	87938	C	USHUAIA AERO	ARGENTINA
47662	C	TOKYO	JAPAN	25325	C	UST'-OLOJ	RUSSIAN FEDERATION
72536	C	TOLEDO/EXPRESS, OH.	USA	33631	CT	UZHROD	UKRAINE
61223	CT	TOMBOUCTOU	MALI	61995	T	VACOS(MAURITIUS)	MAURITIUS
08238	C	TORTOSA	SPAIN	08284	C	VALENCIA/AEROPUERTO	SPAIN
44225	C	TOSONTSENGEL	MONGOLIA	71136	T	VANSCOY UPPER-AIR, SASK	CANADA
07240	CT	TOURS	FRANCE	01098	C	VARDO	NORWAY
94294	CT	TOWNSVILLE AERO	AUSTRALIA	26477	C	VELIKIE LUKI	RUSSIAN FEDERATION
47747	C	TOYOOKA	JAPAN	16105	C	VENEZIA/TESSERA	ITALY
16429	CT	TRAPANI/BIRGI	ITALY	24266	CT	VERHOJANSK	RUSSIAN FEDERATION
71621	C	TRENTON,ONT.	CANADA	71799	C	VICTORIA INT.AIRPORTB.C.	CANADA
10609	C	TRIER-PETRISBERG	GERMANY	48940	C	VIENTIANE	LAO PDR
01025	C	TROMSO/LANGNES	NORWAY	98222	C	VIGAN	PHILIPPINES
84501	C	TRUJILLO	PERU	24641	C	VILJUJSK	RUSSIAN FEDERATION
44282	C	TSETSERLEG	MONGOLIA	48845	C	VINH	VIET NAM
44347	C	TSOGT-OVOO	MONGOLIA	85244	C	VIRU-VIRU	BOLIVIA
91954	CT	TUBUAI	FRENCH POLY.	02590	C	VISBY FLYGPLATS	SWEDEN
72274	C	TUCSON/INT., AZ.	USA	83648	C	VITORIA	BRAZIL
98233	C	TUGUEGARAO	PHILIPPINES	31960	C	VLADIVOSTOK	RUSSIAN FEDERATION
67161	C	TULEAR	MADAGASCAR	27037	CT	VOLOGDA	RUSSIAN FEDERATION
80453	C	TUMEREMO	VENEZUELA	34123	C	VORONEZ	RUSSIAN FEDERATION
60715	CT	TUNIS-CARTHAGE	TUNISIA	89606	C	VOSTOK	USSR
24507	CT	TURA	RUSSIAN FEDERATION	33777	C	VOZNESENS'K	UKRAINE
16759	C	TYMBAKION (AIRPORT)	GREECE	22837	C	VYTEGRA	RUSSIAN FEDERATION
48407	T	UBON RATCHATHANI	THAILAND	71825	C	WABUSH LAKE,NFLD.	CANADA
06447	CT	UCCLE	BELGIUM	72256	C	WACO,MADISON-COOPER, TX.	USA
16045	CT	UDINE/RIVOLTO	ITALY	03377	C	WADDINGTON	U KINGDOM

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94910	CT	WAGGA AIRPORT	AUSTRALIA	47744	CT	YONAGO	JAPAN
97340	C	WAINGAPU/MAU HAU	INDONESIA	71138	C	YORKTON,SASK.	CANADA
47600	CT	WAJIMA	JAPAN	47168	C	YOSU	REP KOREA
47401	CT	WAKKANAI	JAPAN	72525	C	YOUNGSTOWN, OH.	USA
97686	C	WAMENA/WAMENA	INDONESIA	84425	C	YURIMAGUAS	PERU
12375	C	WARSZAWA-OKECIE	POLAND	14236	C	ZAGREB/GRIC	CROATIA
72405	C	WASHINGTON/NAT., VA.	USA	37575	C	ZAKATALA	AZERBAIJAN
71953	C	WATSON LAKE,Y.T.	CANADA	67531	C	ZAMBEZI	ZAMBIA
71738	C	WAWA, ONT.	CANADA	81225	C	ZANDERIJ	SURINAME
40400	C	WEJH	SAUDI ARABIA	34601	C	ZAPORIZHZHIA	UKRAINE
72203	C	WEST PALM BEACH/INT., FL.	USA	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
92004	C	WEWAK W.O.	PAPUA N GUINEA	34398	C	ZHALPAKTAL	KAZAKHSTAN
93112	T	WHENUAPAI	N ZEALAND	35671	T	ZHEZKAZGAN	KAZAKHSTAN
72632	T	WHITE LAKE, MI	USA	57745	C	ZHIJIANG	CHINA
71633	C	WIARTON,ONT.	CANADA	41620	CT	ZHOB	PAKISTAN
72351	C	WICHITA FALLS/SHEPS AFB TX	USA	33325	C	ZHYTOMYR	UKRAINE
61902	T	WIDE AWAKE FIELD (ASCENSION)	OCEAN ISLANDS	61695	C	ZIGUINCHOR	SENEGAL
11035	CT	WIEN/HOHE WARTE	AUSTRIA	61090	C	ZINDER	NIGER
71104	C	WILLIAMS LAKE,B.C.	CANADA	33484	C	ZOLOTONOSHA	UKRAINE
71538	C	WINDSOR, ONT.	CANADA	17022	C	ZONGULDAK	TURKEY
10474	C	WITTENBERG	GERMANY	61404	C	ZOUERATE	MAURITANIA
12497	C	WLODAWA	POLAND	62007	C	ZUARA	LIBYAN ARAB JAMAHIR
47055	C	WONSAN	DPR KOREA	10961	C	ZUGSPITZE	GERMANY
70387	C	WRANGELL	USA	06660	C	ZURICH (TOWN/VILLE)	SWITZERLAND & LIECH
12424	C	WROCLAW II	POLAND	25400	C	ZYRJANKA	RUSSIAN FEDERATION
57036	C	XI'AN	CHINA				
56571	C	XICHANG	CHINA				
85365	C	YACUIBA	BOLIVIA				
70361	CT	YAKUTAT	USA				
33990	C	YALTA	UKRAINE				
47588	C	YAMAGATA	JAPAN				
48097	CT	YANGON	MYANMAR				
64950	C	YAOUNDE	CAMEROON				
91413	C	YAP, CAROLINE IS.	USA				
37981	C	YARDIMLI	AZERBAIJAN				
84710	C	YAURI	PERU				
62008	C	YEFREN	LIBYAN ARAB JAMAHIR				
61877	C	YELE	SIERRA LEONE				
40439	C	YENBO	SAUDI ARABIA				
37789	C	YEREVAN	ARMENIA				
57461	C	YICHANG	CHINA				
53614	C	YINCHUAN	CHINA				
64900	C	YOKO	CAMEROON				
65167	C	YOLA	NIGERIA				

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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 3 hourly weather observations for that month and a 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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