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MONTHLY

CLIMATIC

DATA

FOR THE WORLD

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

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

A handwritten signature in black ink, appearing to read "Thomas R. Karl".

**Director
National Climatic Data Center**

noaa

**National
Oceanic and
Atmospheric Administration**

**National
Environmental Satellite, Data
and Information Service**

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

PREFACE

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

REFERENCE NOTES

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

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

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

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

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

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

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

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

SURFACE DATA TABLES

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

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

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

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

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

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

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

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

UPPER AIR DATA TABLES

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

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

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

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

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SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
EUROPE																
NORWAY																
01001 JAN MAYEN	7056N	00840W	10		1014.8	1016.0	6.7	2.5	8.4	1.0	9	34	-13	2		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1012.9	1016.2	7.7	1.9	7.3	.2	2	4	-14	1		
01025 TROMSO/LANGNES	6941N	01855E	10		1010.5	1011.5	12.3	.5	10.5	.0	6	29	-44	1		
01026 TROMSO	6939N	01856E	115		997.6	1011.3	12.6		10.2		5	28		1	273	133
01028 BJORNOYA	7431N	01901E	16		1012.8	1014.8	4.1	-3	7.6	-3	2	12	-18	1		
01098 VARDØ	7022N	03106E	15		1010.9	1012.7	8.5	-7	9.7	-5	10	53	4	3		
01152 BODØ VI	6716N	01422E	13		1008.2	1009.8	13.9	1.4	11.4	-1	4	30	-62	1	239	139
01212 ONA II	6252N	00632E	15		1006.8	1008.4	12.9		13.2		14	92		4		
01238 FOKSTUA II	6207N	00917E	974		897.0	1006.6	11.0		9.5		16	81		4		
01241 ORLAND III	6342N	00936E	7		1007.1	1008.2	14.2	1.5	12.8	.4	11	88	3	3		
01317 BERGEN/FLORIDA	6023N	00520E	36		1005.3	1006.7	16.8	2.3	13.6	1.2	18	154	6	4		
01384 OSLO/GARDERMOEN	6012N	01105E	204		983.1	1006.9	15.9	.7	13.8	2.3	20	181	102	6		
01403 UTSIRA FYR	5918N	00453E	56		1000.6	1007.1	15.8		15.3		16	124		5		
01415 STAVANGER/SOLA	5853N	00538E	9		1006.4	1007.5	16.5	2.3	14.9	2.2	16	204	113	5		
01465 TORUNGEN FYR	5824N	00848E	15		1006.1	1007.5	17.1		15.4		12	129		5		
SWEDEN																
02120 KVIKKJOKK-ARRENJARKA	6653N	01801E	320		972.7	1009.6	13.9		11.4		16	114		4		
02128 GUNNARN	6500N	01742E	283		976.3	1009.4	14.1	-4	12.4	1.3	12	109	24	4		
02196 HAPARANDA	6550N	02409E	6		1008.3	1010.1	15.5	.1			8	41	-8	3	247	81
02226 OSTERSUND FROSON	6312N	01430E	376		963.9	1007.5	14.2	.8	12.2	1.2	19	144	68	5	207	91
02366 TIMRA/MIDLANDA	6231N	01727E	8		1007.3	1007.9	15.4	.1	13.9	1.5	11	134	72	6		
02410 MALUNG	6041N	01342E	308		971.8	1007.6	14.7		14.1		18	199		6		
02485 STOCKHOLM	5921N	01804E	52		1002.1	1008.3	17.8	.6	15.7	2.2	11	87	15	4	221	85
02550 JONKOPING/AXAMO	5745N	01405E	224		982.4	1008.7	16.3	1.3	15.1	2.7	18	108	35	4		
02590 VISBY	5740N	01821E	51		1003.8	1009.7	17.1	.8	15.7	1.3	10	154	104	6	292	103
FINLAND																
02801 KILPISJARVI	6903N	02047E	478		952.7	1011.7	10.8		10.0		6	38		2		
02805 KEVO	6945N	02702E	107		998.7	1012.0	11.9		10.5		10	41		2	174	70
02836 SODANKYLA	6722N	02639E	179		988.5	1010.8	13.7	-4	11.3		10	78	13	4	221	81
02869 KUUSAMO	6558N	02911E	263		977.5	1010.4	13.6	-6	11.9							
02875 OULU	6456N	02522E	15		1007.8	1009.6	15.6	-4	13.1						267	94
02897 KAJAANI	6417N	02741E	143		993.1	1009.8	15.4	-2	13.1							
02929 JOENSUU	6240N	02938E	119		994.8	1009.6	16.2	-2	13.5							
02935 JYVASKYLA	6224N	02541E	145		992.1	1009.7	15.8	.1	12.8		10	89	11	3	249	98
02942 NIINISALO	6151N	02228E	136		993.7	1009.3	15.9	.2	13.4		11	84	13	4		
02963 JOKIOINEN	6049N	02330E	104		996.6	1009.4	16.2	.4	13.9		11	60	-20	2	221	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.
02972 TURKU	6031N	02216E	59		1002.0	1009.3	16.5	.0	14.0							
02974 HELSINKI-VANTAA	6019N	02458E	56		1003.1	1010.2	17.2	.6	14.3		12	102	29	5	264	96
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		997.9	1007.7	13.5	2.1	13.3		11	67	5	4	115	93
03026 STORNOWAY AIRPORT	5813N	00619W	15		1004.4	1005.8	14.4	1.7	13.9		20	134	61	5	146	114
03066 KINLOSS	5739N	00334W	7		1006.8	1007.5	15.4	1.2	13.2		19	106	51	5	170	116
03091 DYCE	5712N	00213W	69		999.5	1007.5	15.1	1.3	13.3		17	105	45	5	145	92
03100 TIREE	5630N	00653W	12		1006.0	1007.6	14.1	.8	14.0		15	101	22	5	211	134
03162 ESKDALEMUIR	5519N	00312W	242		980.1	1008.9	14.4	1.2	13.2		19	193	95	5	109	73
03257 LEEMING	5418N	00132W	40		1005.1	1009.5	15.8	.3	13.4		10	139	89	5	165	101
03302 VALLEY	5315N	00432W	11		1008.6	1009.9	15.8	.5	14.8		18	117	64	6	176	89
03377 WADDINGTON	5310N	00031W	70		1001.9	1010.6	16.8	1.0	13.7		14	97	44	5	185	99
03502 ABERPORTH	5208N	00434W	134		994.8	1010.8	15.2	.5	14.4		20	155	105	6	157	83
03740 LYNEHAM	5130N	00159W	147		995.0	1012.4	16.0	.0	14.1		16	99	44	5	199	97
03797 MANSTON	5121N	00120E	54		1006.8	1012.7	17.9	1.2	15.1		8	56	11	5	249	118
03808 CAMBORNE	5013N	00519W	88		1002.3	1013.0	15.6		15.1		18	222		6	156	75
03862 HURN	5047N	00150W	11		1011.8	1013.2	16.7	.4	14.9		16	75	35	5	187	85
03917 ALDERGROVE	5439N	00613W	81		1000.6	1008.1	15.5	.8	14.1		21	101	37	5	132	90
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1006.1	1009.6	15.2	.3	14.4	-1	25	256	183	6	158	115
03955 CORK AIRPORT	5151N	00829W	162		990.5	1009.8	14.2	-4	13.6	-2	21	204	139	6	175	100
03962 SHANNON AIRPORT	5242N	00855W	20		1006.5	1008.8	15.9	.4	14.3	.2	21	115	58	5	163	115
03967 CASEMENT AERODROME	5318N	00626W	97		997.9	1009.0	15.0		14.0		18	111			164	105
03969 DUBLIN AIRPORT	5326N	00615W	85		998.8	1008.9	14.9	-1	13.9	.4	19	165	115	6	162	95
03973 CONNAUGHT AIRPORT	5354N	00849W	209		983.4	1008.2	13.6		13.3		25	170			145	
03976 BELMULLET	5414N	01000W	10		1006.5	1007.6	15.1	1.0	14.6	.7	19	110	42	5	188	140
03980 MALIN HEAD	5522N	00720W	25		1004.6	1007.6	14.9	1.2	13.9	.6	15	72	0	3	191	140
ICELAND																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		1006.0	1012.6	12.3		10.6		3	15				
04030 REYKJAVIK	6408N	02156W	61		1005.0	1012.5	12.8	2.2	11.0	.7	4	12	-39	0	259	151
04063 AKUREYRI	6541N	01805W	27		1010.0	1014.1	11.1	.6	10.0	.0	7	30	-3	3	212	134
04082 AKURNES	6418N	01513W	21		1011.0	1012.5	11.0		10.6		10	44				
GREENLAND																
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	43			1017.4	7.9	2.2	8.6							
04250 NUK (GODTHAAB)	6410N	05145W	84			1016.1	7.9	1.4	8.8		3	22	-60			
04312 STATION NORD AWS	8136N	01641W	36			1020.1	4.6	1.3	6.6							
04320 DANMARKSHAVN	7646N	01840W	12			1020.5	5.0	1.3	6.6							
04339 ITTOQQORTOORMIIT (SCORESBYSU)	7029N	02157W	69			1018.7	6.8		7.4							
04360 TASHILAQ (AMMASSALIK)	6536N	03738W	52			1017.7	8.1	1.7	8.2		7	70	23			

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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.
04390 PRINS CHRISTIAN SUND	6003N	04310W	88			1015.9	7.4	.9	8.0		8	60	-71			
DENMARK AND FAROE ISLANDS																
06011 TORSHAVN	6201N	00646W	61			1009.8	11.0	.7	11.7		6	44	-37			
06030 AALBORG	5706N	00951E	13			1008.9	17.7	2.0	15.2		11	78				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1010.6	19.0		15.2		10	56				
06190 ROENNE	5504N	01445E	17			1011.6	18.2	1.2								
NETHERLANDS																
06235 DE KOOY	5256N	00447E	2		1012.0	1012.1	17.7	1.5	15.3	.3	11	57	-7	3	271	133
06260 DE BILT	5206N	00511E	4		1012.5	1012.8	18.1	1.3	15.5	.6	15	107	32	4	233	125
06280 EELDE/GRONINGEN AP EELDE	5307N	00635E	4		1011.4	1011.9	17.3	1.4	16.1	1.1	14	103	27	5	239	134
06310 VLISSINGEN	5127N	00336E	10		1012.2	1013.2	18.2	1.3	15.7	.5	13	78	10	4	233	115
LUXEMBOURG																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	376		971.4	1015.0	18.4		14.5		13	75	7	3	262	113
SWITZERLAND & LIECHTENSTEIN																
06610 PAYERNE	4649N	00657E	491		960.3	1016.5	19.0		15.4		11	87			223	90
06660 ZUERICH-METEOSCHWEIZ	4723N	00834E	569		952.7	1016.2	18.6	1.0	15.2	.5	14	154	36	4	207	99
06680 SAENTIS	4715N	00921E	2502		756.6	3128 Z	6.3	1.2	8.1	1.0	20	367	52	4	127	75
06700 GENEVE-COINTRIN	4615N	00608E	420		968.9	1016.1	20.5	1.4	14.8	.8	7	84	19	4	252	99
06717 GRAND ST. BERNARD	4552N	00710E	2479		757.9	3140 Z	8.3		8.4		13	123			230	105
06770 LUGANO	4600N	00858E	276		980.3	1014.7	22.2	1.1	17.5	.7	11	397	259	6	276	110
FRANCE																
07005 ABBEVILLE	5008N	00150E	77		1005.4	1014.5	17.5		15.1		14	72			219	100
07015 LILLE	5034N	00306E	52		1008.4	1013.9	18.4		14.9		13	75		5	207	100
07020 LA HAGUE	4943N	00156W	12		1013.6	1014.5	16.7		16.5		13	61		5		
07027 CAEN	4911N	00027W	67		1007.2	1015.1	17.4	.7	15.1		17	77	30	5	205	91
07037 ROUEN	4923N	00111E	156		997.2	1015.0	17.5		14.8		13	82			186	80
07070 REIMS	4918N	00402E	91		1004.3	1015.0	19.2		15.6		11	73		5	204	85
07110 BREST	4827N	00425W	99		1004.0	1015.3	16.5	.5	15.7		21	136	90	6	143	62
07117 PLOUMANAC'H PERROS GUIREC	4850N	00328W	58		1008.1	1015.0	16.7		15.3		13	65				
07130 RENNES	4804N	00144W	43		1010.9	1015.9	17.8		14.9		11	59		5	202	80
07139 ALENCON	4826N	00006E	144		998.7	1015.6	17.9		14.4		8	38			204	85
07149 PARIS-ORLY	4843N	00223E	90		1004.8	1015.4	19.7		14.3		11	40			216	
07168 TROYES	4820N	00401E	118		1002.0	1015.8	19.6		15.5		12	97			225	
07181 NANCY-COCHY	4835N	00558E	351		976.1	1015.7	18.5		15.2		13	121				
07190 STRASBOURG-ENTZHEIM	4833N	00738E	153		997.8	1015.7	19.9	.9	16.2		14	130	74	6	214	90
07207 POINTE DU TALUT	4718N	00310W	43		1011.9	1017.0	17.8		16.9		11	35				
07222 NANTES	4709N	00136W	27		1013.7	1016.8	18.0	-1.0	15.6		10	52	6	2	217	82
07240 TOURS	4727N	00044E	112		1003.2	1016.3	19.4		14.2		9	38			250	95

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
07255 BOURGES	4704N	00222E	166		997.3	1016.6	20.1	.9	15.2		11	57	6	2	216	83
07280 DIJON	4716N	00505E	227		990.0	1016.3	19.9	.3	15.8		10	138	87	6	221	83
07299 BALE-MULHOUSE	4736N	00731E	271		984.6	1016.2	19.5		16.5		11	106		5	220	85
07314 CHASSIRON	4603N	00125W	22		1015.1	1017.8	19.3		17.9		10	76		5		
07335 POITIERS	4635N	00018E	120		1002.9	1017.4	19.4		14.6		7	54			241	85
07434 LIMOGES	4552N	00111E	402		970.8	1017.1	18.9		14.8		8	37			242	90
07460 CLERMONT-FERRAND	4547N	00310E	330		978.9	1016.8	20.6		15.2		8	74		5	244	90
07471 LE PUY	4505N	00346E	833		923.1	1533 Y	17.9		12.5		5	30			269	
07481 LYON-SATOLAS	4544N	00505E	248		988.6	1016.2	22.3		14.7		8	49				
07510 BORDEAUX MERIGNAC	4450N	00041W	61		1011.4	1017.7	21.1		16.3		7	47	1	2	263	95
07535 GOURDON	4445N	00124E	261		987.0	1017.2	21.1		14.7		5	19		1	285	100
07560 MONT AIGOUAL	4407N	00335E	1567		846.9	1016.2	13.5		11.1		7	39				
07577 MONTELMAR	4435N	00444E	74		1007.4	1015.9	24.3		15.0		3	15			344	100
07591 EMBRUN	4434N	00630E	876		916.6	1524 Y	20.7		12.2		3	42			312	100
07607 MONT-DE-MARSAN	4355N	00030W	60		1010.9	1017.8	21.7		17.2		6	26			250	95
07621 TARBES-OSSUN	4311N	00000W	364		976.0	1017.8	19.9		16.5		9	55			219	100
07627 SAINT GIRONS	4300N	00106E	412		970.3	1017.4	19.9		16.8		10	47			211	90
07630 TOULOUSE BLAGNAC	4338N	00122E	154		998.9	1017.2	22.7		15.6		4	17	-24	2	263	95
07643 MONTPELLIER	4335N	00358E	8		1015.3	1016.2	24.4		17.3		1	3		1	342	95
07650 MARIGNANE	4327N	00514E	32		1011.6	1015.3	25.4		16.8		0	T	-13	1	373	100
07661 CAP CEPET	4305N	00556E	136		999.4	1014.6	23.7		18.4		0	T				
07690 NICE	4339N	00712E	27		1011.6	1014.8	24.1		20.3		01	1	-14	1	372	105
07747 PERPIGNAN	4244N	00252E	47		1011.3	1016.7	24.6		17.4		3	18	1	2	288	90
07761 AJACCIO	4155N	00848E	9		1014.9	1015.9	23.6		19.4		0	0	-11	1	396	105
07790 BASTIA	4233N	00929E	12		1013.6	1015.0	24.4		20.4		0	T		1	365	100
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1011.1	1019.0	19.0	.6	16.4	-4	12	97	72	5	227	92
08015 OVIEDO	4321N	00552W	339		978.5	1017.6	18.5	.4	16.5	-1	7	46	-9	3	188	106
08023 SANTANDER	4329N	00348W	59		1011.8	1018.7	19.8	.5	18.7	1.2	9	48	-3	3	233	110
08025 BILBAO/SONDICA	4318N	00254W	42		1013.9	1018.4	21.3		17.0		8	26		2	174	90
08027 SAN SEBASTIAN/IGUELDO	4318N	00202W	259		988.0	1018.0	19.5	1.1	18.0	.2	10	115	37	5	237	122
08045 VIGO/PEINADOR	4214N	00838W	256		989.2	1019.2	18.1	-1.0	15.9	-9	9	68	30	4	287	99
08048 ORENSE	4220N	00752W	147		1000.3	1017.3	21.0		15.7		2	69		6	274	100
08053 PONFERRADA	4234N	00636W	550		954.7	1016.8	20.7		13.3		2	53		5	345	115
08055 LEON/VIRGEN DEL CAMINO	4235N	00539W	916		914.0	1014.7	18.8		11.2		1	20		3	375	100
08075 BURGOS/VILLAFRIA	4221N	00338W	890		916.4	1542 Y	20.1	1.7	11.5	-2.3	1	4	-23	1	371	114
08084 LOGRONO/AGONCILLO	4227N	00220W	363		974.6	1015.6	23.8	1.7	13.0	-1.9	0	T	-22	1	359	117
08085 PAMPLONA/NOAIN	4246N	00138W	459		965.1	1016.1	22.8		14.4			2		0	362	120
08130 ZAMORA	4131N	00544W	667		941.6	1015.6	22.6		11.0		1	5		3		
08141 VALLADOLID	4139N	00446W	735		932.9	1013.9	22.6	1.2	10.6	-6	1	1	-16	1	381	106
08148 SORIA	4146N	00228W	1082		896.4	1013.1	21.5		9.8		1	2		1		
08160 ZARAGOZA/AEROPUERTO	4140N	00100W	263		985.7	1014.6	26.8	2.5	15.1	.1	2	6	-9	2	385	112
08171 LERIDA	4138N	00036E	199		992.7	1015.2	26.3		18.9		3	11		4	368	110
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1015.8	1016.4	25.2	2.3	21.0	.2	2	18	-4	4		
08202 SALAMANCA/MATACAN	4057N	00530W	794		927.3	1014.7	20.8	-2	10.4	-3.0	0	T	-18	1	405	112

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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.
08215 NAVACERRADA	4047N	00401W	1894		816.5	1541 Y	17.4		7.9		0	T		1		
08221 MADRID/BARAJAS	4030N	00335W	633		949.5	1013.3	26.3	2.0	8.4	-5.3	0	T	-8	2	377	108
08231 CUENCA	4004N	00208W	946		911.0	1552 Y	25.5		9.7		0	0		1	369	110
08235 TERUEL	4021N	00107W	902		915.6		23.7		14.4		2	26				
08238 TORTOSA	4049N	00030E	50		1009.6	1015.3	27.5	2.2	21.5	1.7	1	4	-9	2	318	101
08261 CACERES	3928N	00620W	405		971.2	1016.4	25.7	.1	11.0	-1.2	0	T	-5	2	410	110
08272 TOLEDO	3953N	00403W	516		956.7	1013.7	27.5		10.9		0	T		1	415	110
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		937.5	1014.2	26.6	2.5	11.8	-1.9	0	T	-9	2	373	107
08284 VALENCIA/AEROPUERTO	3930N	00028W	69		1008.6	1015.7	25.8	1.1	19.3	-1.4	0	T	-16	2	328	104
08286 CASTELLON	3957N	00004W	35		1011.1	1015.1	26.3		21.7		3	6				
08301 PALMA DE MALLORCA	3933N	00237E	6		1014.8	1015.5	26.4		26.2		0	T		2	353	105
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	7		1016.0	1016.6	25.7	1.9	21.3	.4	0	T	-9	2	345	104
08314 MENORCA/MAHON	3952N	00414E	89		1006.9	1016.7	25.5	1.3	22.5	2.3	2	4	1	4	320	92
08330 BADAJOZ/TALAVERA LA REAL	3853N	00650W	192		994.6	1016.4	25.5	.2	15.6	-4	0	T	-3	3	397	108
08348 CIUDAD REAL	3859N	00355W	629		946.0	1014.8	27.7	2.7	12.0	-4.0	0	T	-10	2		
08359 ALICANTE	3822N	00030W	82		1006.3	1015.6	26.9	1.8	26.7	5.6	0	T	-4	3	345	101
08360 ALICANTE/EL ALTET	3817N	00033W	43		1012.2	1015.8	25.5		20.6		0	T			312	
08373 IBIZA/ES CODOLA	3853N	00123E	17		1014.3	1016.3	26.0	1.1	25.0	2.2	0	T	-5	3	331	98
08383 HUELVA	3717N	00655W	20		1014.7	1016.9	26.4		17.3		0	0		4		
08391 SEVILLA/SAN PABLO	3725N	00554W	34		1011.9	1015.5	29.4		13.9		0	0		5	362	100
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1004.7	1015.1	28.4	1.5	10.5	-5.8	0	0	-5	3	379	106
08417 JAEN	3747N	00348W	582		952.1	1015.7	28.2		15.2		0	0		5		
08419 GRANADA/AEROPUERTO	3711N	00347W	570		951.8	1014.4	25.8		10.6		0	0		4	377	100
08430 MURCIA	3800N	00110W	62		1008.4	1015.4	29.1		20.0		0	T		3	363	110
08433 MURCIA/SAN JAVIER	3747N	00048W	5		1015.4	1015.8	26.1	2.2	22.8	-2	1	5	-1	4	352	125
08451 JEREZ DE LA FRONTERA AEROPUE	3645N	00604W	28		1013.2	1016.3	25.4	.3	16.2	-2.7	0	T	-1	4	375	106
08482 MALAGA/AEROPUERTO	3640N	00429W	16		1015.1	1015.9	27.1	2.3	18.8	-1	0	0	-1	4	370	107
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1013.2	1015.6	26.0	.6	22.7	1.2	0	T	-1	4	360	105
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5		1015.5	1016.1	25.1				0	0		1	356	110
PORTUGAL																
08501 FLORES (ACORES)	3927N	03108W	29		1017.9	1021.6	20.6		18.5		13	109		5	189	90
08509 LAJES (ACORES)	3846N	02706W	54		1015.5	1021.9	20.2		18.8		7	25		2	280	120
08512 PONTA DELGADA/NORDELA (ACORE)	3744N	02542W	72		1013.4	1023.1	19.9				8	38		4		
08535 LISBOA/GEOF	3843N	00909W	95		1007.1	1018.2	21.9	-5	15.8	-1.2	0	0	-5	2	370	105
08548 COIMBRA/CERNACHE	4009N	00828W	179		998.9	1019.1	19.1		15.9		1	27			323	
08570 CASTELO BRANCO	3950N	00729W	386		972.5	1016.5	23.5		11.4		1	1			371	
08575 BRAGANCA	4148N	00644W	692		938.9	1016.9	20.4	-7	12.3	-7	1	19	2	4	381	105
GERMANY																
10015 HELGOLAND	5411N	00754E	8		1010.6	1011.6	17.5		16.6		15	99		5	241	105
10020 LIST/SYLT	5501N	00825E	29		1007.3	1010.8	17.8		15.7		13	68			246	105

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
10028 ST PETER-ORDING	5420N	00836E	11		1010.0	1011.3	17.9		16.1		19	86			243	115
10035 SCHLESWIG	5432N	00933E	48		1005.7	1011.3	17.6	1.8	15.5	1.2	17	114	22	4	223	105
10055 WESTERMARKELSDORF	5432N	01104E	9		1010.3	1011.3	18.3		16.8		14	73			263	105
10091 ARKONA	5441N	01326E	42		1006.4	1011.3	18.0		16.3		12	51			265	100
10113 NORDERNEY	5343N	00709E	16		1009.8	1011.7	17.8		15.8		15	112			243	115
10129 BREMERHAVEN	5332N	00835E	11		1010.6	1011.8	18.3		16.2		18	114			204	105
10131 CUXHAVEN	5352N	00842E	12		1010.2	1011.6	17.9		16.1		16	111			224	100
10142 ITZEHOE	5359N	00934E	26		1008.7	1011.7	18.1		16.2		19	144			212	95
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	16		1010.3	1012.0	18.4	1.6	15.1	.6	16	115	33	5	219	106
10161 BOLTENHAGEN	5400N	01112E	17		1009.9	1011.9	17.9		16.0		15	73			240	105
10162 SCHWERIN	5339N	01123E	68		1004.0	1012.0	18.4		15.3		11	85		4	238	110
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1010.3	1011.8	18.3	1.5	15.9	.8	15	101	30	5	239	103
10180 BARTH	5420N	01243E	7		1011.3	1011.8	18.0		15.9		14	63			242	100
10184 GREIFSWALD	5406N	01324E	6		1011.2	1012.0	18.5		16.1		13	91			231	95
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1011.7	1011.9	17.5		15.6		18	141			205	100
10215 OLDENBURG	5311N	00810E	20		1010.8	1012.3	18.1		15.4		15	90			224	120
10224 BREMEN	5303N	00848E	5		1011.8	1012.4	18.1		15.2		18	117		5	232	120
10249 BOIZENBURG	5324N	01041E	46		1006.8	1012.2	18.6		15.2		13	122			230	105
10261 SEEHAUSEN	5254N	01144E	23		1010.1	1012.8	19.3		15.2		11	51			228	115
10264 MARNITZ	5319N	01156E	87		1001.9	1012.1	18.6		15.3		9	73			224	
10270 NEURUPPIN	5254N	01249E	45		1007.1	1012.4	19.1		15.6		10	50			245	110
10291 ANGERMUENDE	5302N	01400E	55		1006.1	1012.5	19.0		15.9		8	88			236	100
10305 LINGEN	5231N	00718E	26		1009.2	1012.2	18.2		15.3		17	99			216	115
10315 MUENSTER/OSNABRUECK	5208N	00742E	53		1006.7	1012.9	18.5		14.6		14	116			214	110
10321 DIEPHOLZ	5235N	00821E	43		1007.7	1012.7	18.3		15.0		18	82			216	
10325 BAD SALZUFLEN	5206N	00845E	139		997.0	1013.0	18.1		14.8		15	80			216	120
10338 HANNOVER	5228N	00941E	59		1005.9	1012.8	18.7	1.5	14.6	-.1	13	87	25	5	215	100
10348 BRAUNSCHWEIG	5218N	01027E	88		1002.6	1012.8	18.9		15.0		14	75			241	120
10359 GARDELEGEN	5231N	01124E	48		1007.7	1013.3	18.9		15.2		12	76			231	110
10361 MAGDEBURG	5206N	01135E	85		1003.0	1013.0	19.4		15.3		10	61		4	227	100
10379 POTSDAM	5223N	01304E	100		1001.4	1013.0	19.2	1.3	15.7	1.4	11	60	8	4	230	100
10382 BERLIN-TEGEL	5234N	01319E	37		1008.8	1013.1	19.9		15.0		13	46			227	100
10384 BERLIN-TEMPELHOF	5228N	01324E	50		1007.4	1013.1	20.1		15.3		8	70			219	95
10385 BERLIN-SCHOENEFELD	5223N	01332E	48		1007.3	1013.2	19.3		15.5		11	38			214	
10393 LINDENBERG	5213N	01407E	112		1001.4	1013.5	19.4	1.5	16.0	2.1	13	92	39	5	224	98
10396 MANSCHNOW	5233N	01433E	16		1011.4	1012.9	19.3		15.9		10	84			235	105
10400 DUESSELDORF	5118N	00646E	45		1009.0	1013.7	19.0		14.8		15	138		5	212	105
10410 ESSEN-BREDENEY	5124N	00658E	161		996.1	1013.6	18.3	.9	14.9	.5	17	148	59	5	210	113
10418 LUEDENSCHIED	5115N	00739E	392		968.6	1013.9	16.6		14.3		19	132			182	
10427 KAHLER ASTEN	5111N	00829E	859		916.7	1493 Y	13.9		13.1		17	159			169	95
10430 BAD LIPPSPRINGE	5147N	00850E	158		995.2	1013.7	18.2		14.5		15	131			197	105
10444 GOETTINGEN	5130N	00957E	175		994.3	1013.8	18.0		15.1		13	70			194	105
10449 LEINEFELDE	5124N	01019E	356		972.8	1013.7	17.2		14.0		16	90			198	100
10453 BROCKEN	5148N	01037E	1153		884.1	1481 Y	11.5		11.8		20	169			171	100
10460 ARTERN	5123N	01118E	166		994.9	1014.2	18.6		15.5		12	95			213	105
10469 LEIPZIG-SCHKEUDITZ	5126N	01214E	141		998.0	1013.8	19.2		15.0		10	83		5	215	105

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
10474 WITTENBERG	5153N	01239E	106		1001.2	1013.5	19.2		15.2		10	55			213	95
10480 OSCHATZ	5118N	01306E	152		996.6	1014.2	19.3		15.6		9	54			212	100
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		987.1	1014.1	18.8		15.1		15	91			211	100
10496 COTTBUS	5146N	01419E	70		1005.3	1013.4	19.4		16.0		12	47			214	90
10499 GOERLITZ	5110N	01457E	240		986.5	1014.3	18.6	1.3	16.0	1.9	12	83	13	4	225	102
10501 AACHEN	5047N	00606E	205		990.2	1014.1	18.6		14.9		14	80			228	115
10506 NUERBURG-BARWEILER	5022N	00652E	488		958.6	1014.4	16.9		14.2		14	62			208	
10513 KOELN/BONN	5052N	00710E	100		1002.6	1014.2	19.1		15.3		15	83			194	95
10526 BAD MARIENBERG	5040N	00758E	555		950.7	1014.3	16.1		14.3		20	120			177	90
10532 GIESSEN	5035N	00842E	195		990.2	1014.0	18.3		15.1		15	68			207	95
10542 BAD HERSFELD	5051N	00944E	273		983.2	1014.8	18.0		15.1		15	137			194	85
10544 WASSERKUPPE	5030N	00957E	925		910.1	1499 Y	14.0		13.2		19	157			170	80
10548 MEININGEN	5034N	01023E	453		962.5	1014.6	17.2		14.3		16	83		4	180	85
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		976.9	1014.2	18.0		14.4		10	72			201	90
10557 NEUHAUS A.R.	5030N	01108E	851		918.3	1501 Y	14.6		13.5		16	93			159	
10567 GERA-LEUMNITZ	5053N	01208E	312		978.1	1014.2	18.1		14.7		12	66			188	85
10577 CHEMNITZ	5048N	01252E	420		966.0	1014.3	17.8		14.9		15	184			201	100
10578 FICHTELBERG	5026N	01257E	1215		879.7	1502 Y	12.4	1.2	12.5	1.8	19	143	31	4	180	94
10582 ZINNWALD-GEORGENFELD	5044N	01345E	882		915.1	1502 Y	14.4		13.2		19	114			179	95
10591 LICHTENHAIN-MITTELNDORF	5056N	01413E	352		977.6	1014.4	17.8		15.4		15	90			180	85
10609 TRIER-PETRISBERG	4945N	00640E	273		983.3	1014.9	18.4	.8	15.3	1.2	15	115	45	5	216	96
10628 GEISENHEIM	4959N	00757E	123		1001.8	1014.8	19.5	.9	14.8	.4	12	66	9	4	215	96
10637 FRANKFURT/M-FLUGHAFEN	5003N	00836E	113		1001.6	1014.7	19.8		15.4		15	104		5	223	95
10648 MICHELSTADT-VIELBRUNN	4943N	00906E	455		962.5	1014.8	17.5		14.9		13	105			193	85
10655 WUERZBURG	4946N	00958E	272		983.3	1014.8	19.0		15.5		13	79			195	85
10658 BAD KISSINGEN	5014N	01005E	282		982.1	1014.8	17.8		15.2		16	114			186	90
10675 BAMBERG	4953N	01055E	243		987.2	1015.2	18.4		15.2		11	87			179	80
10685 HOF	5019N	01153E	568		949.9	1014.8	16.7		14.0		14	72		3	169	80
10688 WEIDEN	4940N	01211E	439		965.2	1015.3	17.8		15.0		13	139			188	85
10708 SAARBRUECKEN/ENSHEIM	4913N	00707E	322		978.3	1015.3	17.9		15.5		16	112			212	85
10724 WEINBIET	4923N	00807E	557		950.6	1014.2	17.0		14.2		15	104			185	85
10729 MANNHEIM	4931N	00833E	100		1003.7	1015.4	19.8		15.5		16	96			192	80
10738 STUTTGART-ECHTERDINGEN	4841N	00914E	396		970.6	1015.6	18.8		14.7		12	126		5	217	90
10742 OEHRINGEN	4913N	00931E	277		983.6	1015.3	19.2		15.5		16	153			196	80
10761 WEISSENBURG	4901N	01058E	424		966.9	1015.2	18.6		14.6		13	104			191	80
10763 NUERNBERG	4930N	01103E	319		978.5	1015.2	18.5	.2	15.6	1.7	18	132	63	5		
10776 REGENSBURG	4903N	01206E	371		973.1	1015.4	19.0		16.3		14	92			199	85
10788 STRAUBING	4850N	01234E	360		974.7	1015.7	18.7		16.2		10	83			221	90
10791 GROSSER ARBER	4907N	01308E	1446		856.6	1510 Y	11.9		12.2		21	257			175	75
10803 FREIBURG	4800N	00751E	300		988.4	1016.0	19.6		16.2		15	155			198	85
10805 LAHR	4822N	00750E	157		997.6	1015.9	19.8		16.7		13	102			220	85
10815 FREUDENSTADT	4827N	00825E	801		925.5	1516 Y	15.8		13.4		17	232			194	80
10836 STOETTEN	4840N	00952E	737		931.9	1015.5	16.6		14.5		16	111			200	80
10838 ULM	4823N	00957E	571		950.6	1015.6	17.9		14.6		15	93			217	85
10852 AUGSBURG	4826N	01056E	477		961.2	1015.5	17.7		15.2		12	109			213	85
10870 MUENCHEN, FLUGHAFEN	4822N	01149E	453		964.7	1015.6	18.7	1.4	15.8	2.1	12	107	7	4	227	98

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JULY 2009

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.
10875 MUEHL DORF	4817N	01230E	410		968.7	1015.9	18.2		16.2		14	166			225	95
10895 FUERSTENZELL	4833N	01321E	480		960.8	1015.5	18.1		15.9		14	137			210	90
10908 FELDBERG/SCHWARZWALD	4753N	00800E	1493		852.9	1521 Y	11.4		11.4		17	170			168	75
10929 KONSTANZ	4741N	00911E	447		965.1	1016.3	19.1	.6	15.7	.6	12	117	15	4	237	97
10946 KEMPTEN	4743N	01020E	705		936.0	1015.8	17.2		14.7		12	106			194	85
10948 OBERSTDORF	4724N	01017E	812		925.6	1527 Y	16.2		14.4		14	176			156	75
10961 ZUGSPITZE	4725N	01059E	2962		714.1	3122 Z	3.3	1.1	6.6	.2	19	154	-29	2	150	86
10962 HOHENPEISSENBERG	4748N	01101E	986		905.7	1522 Y	16.3	1.3	13.4	.8	12	102	-59	1	212	93
10980 WENDELSTEIN	4742N	01201E	1835		819.0	1524 Y	10.7		10.0		16	160			160	85
AUSTRIA																
11035 WIEN/HOHE WARTE	4815N	01622E	200		990.5	1014.4	21.4		17.5	2.7	9	149	86	5	327	133
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	584		948.3	1015.9	18.4		15.5		14	148		4	220	100
11146 SONNBLICK	4703N	01257E	3111		700.7	3115 Z	3.6		7.2	.8	19	148	-101	2	169	95
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		964.2	1015.9	19.1		14.5	.1	19	246	86	5	177	79
11155 FEUERKOGEL	4749N	01343E	1621		840.3	1524 Y	12.4		11.3		16	291		5	184	100
11212 VILLACHERALPE	4636N	01340E	2160		788.9	1533 Y	10.2		10.7		10	162		3	265	120
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		960.8	1015.0	20.3		16.6	1.8	10	90	-26	1	294	117
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		973.3	1014.9	21.2		16.7	.8	13	165	39	5	310	130
CZECH REPUBLIC																
11423 PRIMDA	4940N	01240E	748		930.5		16.1		14.0		15	122		5	219	100
11464 MILESOVKA	5033N	01356E	836		919.4		16.0		13.8		15	81		4	212	95
11487 KOCELOVICE	4928N	01350E	522		955.3	1015.0	17.8		15.2		15	107		5	256	110
11518 PRAHA/RUZYNE	5006N	01415E	380		972.7	1014.8	18.5	1.4	15.2	1.4	9	65	-1	3	216	96
11520 PRAHA-LIBUS	5001N	01427E	303		979.6	1014.7	19.5		15.3		10	79		3	207	90
11603 LIBEREC	5046N	01501E	405		967.4	1013.7	17.5		13.5		14	103		4	188	100
11659 PRIBYSLAV	4935N	01546E	536		953.5	1014.9	17.2		15.0		12	120		5	243	115
11723 BRNO/TURANY	4909N	01642E	246		986.3	1014.7	20.2	1.7	16.2	2.0	10	120	56	5	273	116
11782 OSTRAVA/MOSNOV	4941N	01807E	260		984.5	1014.5	20.1	2.3	16.7	2.1	11	113	22	4	265	122
SLOVAKIA																
11826 PIESTANY	4837N	01750E	164		995.9	1014.9	21.0		16.7		9	121		5	325	125
11858 HURBANOVO	4752N	01812E	124		1000.2	1014.5	22.2	2.0	16.5	1.1	7	46	-4	3	331	128
11934 POPRAD/TATRY	4904N	02015E	696		935.7		18.0	2.5	14.1	1.4	9	87	19	4	301	136
POLAND																
12120 LEBA	5445N	01732E	6		1011.3	1012.0	17.7		16.4		15	129		5	271	
12160 ELBLAG	5410N	01926E	43		1007.4	1012.5	18.5		16.3		14	126		5	251	120
12205 SZCZECIN	5324N	01437E	7		1011.6	1012.4	19.1	1.4	16.4	1.4	11	80	19	4	238	115
12295 BIALYSTOK	5306N	02310E	151		995.2	1012.8	18.4	1.1	16.5	1.6	10	93	13	4	282	125
12330 POZNAN	5225N	01651E	84		1003.0	1013.3	19.5	1.5	16.6	2.5	15	86	17	4	258	118
12375 WARSZAWA-OKECIE	5210N	02058E	106		1000.7	1013.2	20.0	2.0	16.8	2.0	11	88	19	4	355	155

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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	124		999.6	1014.2	19.4	1.7	16.1	1.2	13	124	40	5	272	133
12497 WLODAWA	5133N	02332E	179		992.6	1013.6	19.6		16.7		8	40		1	290	115
12566 KRAKOW	5005N	01948E	237		986.7	1014.4	19.8	2.3	16.4	1.5	12	83	-2	3		
HUNGARY																
12843 BUDAPEST/PESTSZENTLORINC	4726N	01911E	139		998.6	1014.8	23.0	2.2	15.1	.0	5	33	-19	2	356	130
12882 DEBRECEN	4729N	02136E	109		1001.9	1014.5	22.8	2.5	15.9	-2	3	8	-57	1	348	123
12942 PECS/POGANY	4600N	01814E	203		992.1	1015.7	22.5	2.0	16.1	.6	6	27	-34	1	346	118
12982 SZEGED	4615N	02006E	83		1005.2	1014.8	23.0	2.2	16.1	.1	4	25	-25	1	365	127
SERBIA AND MONTENEGRO																
13274 BEOGRAD	4448N	02028E	132		999.3	1014.5	24.0	2.3	17.9	1.7	8	80	14	4	345	121
13388 NIS	4320N	02154E	202		991.2	1014.7	22.8		18.0		3	44		4	300	100
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		754.8	3134 Z	7.7		8.1		14	219		3	225	115
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	299		981.3	1015.3	21.7		17.4		10	168		5	298	115
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		995.8	1014.5	23.1		17.8		9	29		3	305	
14445 SPLIT/MARJAN	4331N	01626E	128		998.9	1013.4	26.9		18.4		3	42		4	385	110
BOSNIA AND HERZEGOVINA																
14648 MOSTAR	4321N	01748E	108		1001.7	1014.0	26.3		18.1		3	16		2	362	110
14652 BJELASNICA	4343N	01816E	2070		798.7	1536 Y	11.3		10.3		11	174		5	279	80
14654 SARAJEVO-BJELAVE	4352N	01826E	638		943.8	1015.3	20.6	1.7	16.9	3.0	9	93	13	4	300	117
ROMANIA																
15023 SUCEAVA	4738N	02615E	352		972.0	1012.4	20.4		16.5		9	121		4	325	135
15085 BISTRITA	4709N	02431E	367		971.7	1013.9	20.8	2.5	15.7	.0	5	28	-59	1	342	132
15090 IASI	4710N	02738E	104		1001.0	1013.0	23.1	2.6	17.6	.6	6	30	-53	1	296	109
15120 CLUJ-NAPOCA	4647N	02334E	414		967.0	1014.5	20.8	2.6	16.3	.9	7	54	-27	2	346	127
15247 TIMISOARA	4546N	02115E	88		1003.8	1013.7	23.1	2.0	18.3	1.7	8	40	-24	2	281	94
15260 SIBIU	4548N	02409E	444		963.2	1014.2	20.9	2.2	15.3	-8	11	154	68	5	264	108
15280 VARFU OMU	4527N	02527E	2509		754.7		7.2	2.1	9.0	.9	11	203	59	4	221	149
15292 CARANSEBES	4525N	02215E	242		986.6	1014.0	21.7		18.4		8	57		2	311	115
15310 GALATI	4529N	02802E	71		1004.1	1012.3	24.9	2.9	17.2	-2	7	56	10	4	294	96
15350 BUZAU	4509N	02649E	97		1001.9	1013.1	24.6		15.7		4	33		2	333	115
15360 SULINA	4510N	02944E	9		1010.3	1011.7	24.2	2.2	20.8	-3	4	40	14	5	352	114
15420 BUCURESTI BANEASA	4430N	02608E	91		1003.9	1013.7	23.2	1.2	16.2	-1.5	7	112	48	5	325	112
15450 CRAIOVA	4419N	02352E	195		990.8	1013.2	23.7	1.8	18.2	.4	5	102	47	5	281	89
15480 CONSTANTA	4413N	02839E	14		1010.7	1012.3	24.7	2.7	18.5	-1.3	6	107	77	6	343	108

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.	
BULGARIA																	
15502 VIDIN	4359N	02251E	595			1013.4	23.3			20.1		8	85		5	339	105
15552 VARNA	4312N	02757E	43		1007.7	1012.3	23.9	1.9		20.9	1.7	8	74	37	5	318	112
15614 SOFIA (OBSERV.)	4239N	02323E	595		946.8	1013.4	21.5	1.7		15.9	1.5	9	80	24	5	325	114
15730 KURDJALI	4139N	02523E	331		975.1	1012.2	23.1			17.0		3	36		3	294	90
ITALY																	
16008 S. VALENTINO ALLA MUTA	4645N	01032E	1461		856.1	1521 Y	13.8			10.2		11	99	16	4		
16022 PAGANELLA	4609N	01102E	2129		790.5	1521 Y	11.2			11.3		14	157	62	5	246	
16033 DOBBIACO	4644N	01213E	1226		881.0	1531 Y	18.7			14.9		12	106	-3	3		
16052 PIAN ROSA	4554N	00742E	3488		670.3	1532 Y	3.6			5.2			3		6	249	100
16061 BRIC DELLA CROCE	4502N	00743E	710		933.8		21.2					3	45	-1	4	253	110
16088 BRESCIA/GHEDI	4525N	01017E	97				21.3			16.5		5	47	-25	2		
16110 TRIESTE	4539N	01345E	4		1013.8	1014.2	25.0			19.1		6	52	-19	2	295	102
16134 MONTE CIMONE	4411N	01042E	2173		788.1	1535 Y	12.9			11.4		5	247	196	2		
16148 CERVIA	4413N	01218E	10		1012.9	1014.0	24.2			21.5		2	11	-60	2	337	
16153 CAPO MELE	4357N	00811E	221		989.3	1014.7	23.4			21.8		1	2	-9	2	320	109
16158 PISA/S. GIUSTO	4341N	01023E	6		1014.5	1015.2	24.0			19.3		0	T	-24	1	352	111
16179 FRONTONE	4331N	01244E	574		949.4		24.5			13.9		4	56	-9	3		
16206 GROSSETO	4244N	01103E	7		1014.2	1015.0	24.4			20.4		0	T	-20	1		
16219 MONTE TERMINILLO	4228N	01259E	1875		814.7		14.9			12.0						278	101
16224 VIGNA DI VALLE	4205N	01213E	266		984.0	1014.0	24.2			20.1		1	2	-17	1	372	110
16232 TERMOLI	4200N	01500E	44		1009.2	1014.0	27.0			22.9		3	18	-6	3	349	115
16245 PRATICA DI MARE	4139N	01227E	21		1012.4	1015.0	24.3			22.3		0	T	-11	1		
16252 CAMPOBASSO	4134N	01439E	807		925.2		23.3			16.8		0	T	-35	1	269	98
16253 GRAZZANISE	4103N	01404E	10		1014.3	1015.0	24.3			24.1		0	T	-18	1	340	110
16258 MONTE S. ANGELO	4142N	01557E	848		919.1		22.3			14.5		4	24	-19	3		
16344 MONTE SCURO	3920N	01624E	1677		836.2	1538 Y	16.9			11.7		3	22	1	3	320	
16360 S. MARIA DI LEUCA	3949N	01821E	112		1000.5	1013.4	25.5			19.8		0	T	-17	2	382	
16400 USTICA	3842N	01311E	243		989.2	1016.7	27.1			23.6		0	T	-3	3	370	107
16420 MESSINA	3812N	01533E	54		1008.6	1014.8	28.0			26.8		1	4	-15	2	362	109
16429 TRAPANI BIRGI	3755N	01230E	9		1014.7	1015.7	26.0			23.1		0	T	-2	3	378	109
16459 CATANIA SIGONELLA	3724N	01455E	29		1011.3	1014.7	26.4			21.0		1	2	0	4		
16480 COZZO SPADARO	3641N	01508E	51		1008.0	1013.9	27.3			24.4		0	T	-2	3	383	
16522 CAPO CACCIA	4034N	00810E	204		992.7	1016.1	24.7			22.4		0	T		0	379	105
16546 DECIMOMANNU	3921N	00858E	24		1012.7	1015.5	27.3			18.5		0	T	-3	1		
16550 CAPO BELLAVISTA	3955N	00942E	150		998.0	1015.1	26.5			25.6		0	T	-3	2	379	
MALTA																	
16597 LUQA	3551N	01429E	91		1007.2	1015.5	27.0	1.1		19.0	-3.0	0	T	-1	4	386	105
GREECE																	

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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.
16622 THESSALONIKI (AIRPORT)	4031N	02258E	8		1012.5	1013.2	27.8	1.3	18.8	.5	2	8	-17	2	371	114
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1011.8	1012.2	27.5	1.1	20.9	1.2	0	0	-7	2	355	98
16648 LARISSA (AIRPORT)	3938N	02225E	74		1004.1	1012.5	28.4	1.3	17.0	1.0	4	31	11	4	350	104
16716 ATHINAI (AIRPORT)	3754N	02344E	28		1009.7	1011.4	29.6	1.8	18.4	.5	1	1	-4	4	382	105
16723 SAMOS (AIRPORT)	3742N	02655E	7		1007.4	1008.2	30.2	1.8	25.1	8.6	0	0	-1	0	414	110
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1010.1	1011.4	27.5	1.0	20.0	.4	0	0	-3	2	381	107
16734 METHONI	3650N	02142E	34		1004.5	1010.5	25.2	.3	23.7	.6	0	0	-1	4	387	100
16746 SOUDA (AIRPORT)	3529N	02407E	151		993.7	1010.9	27.6	1.2	18.6	1.4	0	0	-1	0	383	102
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1005.9	1010.3	27.1	1.0	23.3	3.8	0	0	-1	5	380	102
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		996.0	1011.5	23.0	1.5	21.1	2.6	8	168	88	5	322	100
17030 SAMSUN	4117N	03618E	4		1010.6	1011.1	24.5	1.8	23.3	2.8	6	81	53	5	272	110
17034 GIRE SUN	4055N	03823E	37		1008.6	1013.0	24.2	1.8	21.4	.4	13	522	447	6		
17040 RIZE	4102N	04031E	9		1009.6	1010.6	24.4	2.2	22.8	1.6	11	299	164	6	187	120
17050 EDIRNE	4140N	02634E	51		1006.9	1012.8	25.8	1.6	17.3	.9	5	89	63	6	334	100
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1009.8	1011.9	25.8	2.6	20.4	.7	1	3	-16	2		
17074 KASTAMONU	4122N	03347E	800		921.9	1010.8	19.6	-1	15.1	1.7	9	120	87	5	217	65
17084 CORUM	4033N	03457E	776		923.4	1009.1	21.5	.9	15.4	2.5	9	58	39	5	284	90
17092 ERZINCAN	3942N	03931E	1154		873.9	1003.2	22.9	-7	15.0	2.3	3	13	3	4	289	80
17096 ERZURUM	3957N	04110E	1758		821.4	1004.7	17.2	-2.3	11.4	-1	7	29	2	3	297	80
17098 KARS	4033N	04305E	1795		820.8	1006.9	16.1	-1.2	12.9	.1	12	149	100	6	293	90
17112 CANAKKALE	4008N	02624E	6		1012.0	1012.3	26.4	1.9	19.2	-6	1	1	-16	2	373	95
17116 BURSA	4011N	02904E	100		999.7	1011.1	25.7	1.6	17.9	.4	2	4	-12	2	313	90
17130 ANKARA/CENTRAL	3957N	03253E	891		911.3	1008.1	23.6	.7	12.8	.9	4	14	1	4	247	65
17155 KUTAHYA	3925N	02958E	969		904.0	1009.6	21.7		13.7		2	21		4	299	95
17170 VAN	3827N	04319E	1669		828.4	1001.0	21.2	-7	11.1	-6	4	21	17	6	366	95
17188 USAK	3841N	02924E	919		908.0	1007.5	23.9	.8	11.9	-2.7	0	0	-17	2	339	85
17190 AFYON	3845N	03032E	1034		896.4	1008.1	22.6	.9	11.9	-3	1	14	-2	3	318	85
17199 MALATYA/BOLGE	3821N	03819E	948		901.1	1002.0	27.0		12.9		2	6		5	344	85
17240 ISPARTA	3745N	03033E	997		899.5	1006.7	23.6	.4	12.8	.5	2	18	7	5	292	75
17244 KONYA	3758N	03233E	1032		895.6	1006.3	23.6	.3	11.8	-3	3	12	5	4	287	75
17250 NIGDE	3758N	03441E	1210		877.0	1006.3	21.8	-2	12.2	1.0	7	38	33	6	316	85
17255 KAHRAMANMARAS	3736N	03656E	572		939.5	1001.6	28.5	.6	21.4	3.6	3	7	5	5	311	95
17270 SANLIURFA	3708N	03846E	549		940.4	999.5	32.0	.5	14.4	1.9	1	3	1	5	365	90
17280 DIYARBAKIR	3753N	04012E	687		926.7	998.9	29.5	-1.6	10.1	-2.1	1	1	0	0	343	85
17285 HAKKARI	3734N	04346E	1728		821.1	997.7	22.9	-1.8	11.8	.9	0	0	-3	4	348	95
17292 MUGLA	3713N	02822E	646		935.8	1006.2	27.2	1.3	13.2	-6	01	1	-8	3		
17300 ANTALYA	3652N	03044E	64		994.8	1002.0	29.7	1.6	18.9	-2.3	0	0	-5	4	331	90
17340 MERSIN	3648N	03438E	3		1004.3	1004.7	29.0	1.6	29.3	1.2	1	2	-11	4	331	110
17351 ADANA/BOLGE	3659N	03521E	27		1001.4	1004.4	28.4		30.6		2	23		5	331	95
CYPRUS																
17609 LARNACA AIRPORT	3453N	03338E	2		1005.1	1005.4	28.9	2.3	26.4		0	T	T		407	105

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JULY 2009

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 (EUROPE)																
22165 KANIN NOS	6839N	04318E	49		1007.8	1013.8	9.3	.3	10.4	.4	9	59	24	5		
22471 MEZEN'	6552N	04413E	19		1008.7	1010.9	13.9		12.4		10	107		5	279	100
22520 KEM'-PORT	6459N	03448E	8		1009.4	1010.3	13.9		13.1		15	124		6	220	70
22550 ARHANGEL'SK	6433N	04035E	4		1009.8	1010.8	15.5	-2	13.4	.1	11	131	70	5	260	86
22619 PADANY	6316N	03325E	128		994.9	1010.2	15.8		13.9		15	77		4	282	
22641 ONEGA	6354N	03807E	13		1008.8	1010.3	16.3	.1	13.7	.5	10	68	5	3	310	101
22676 SURA	6335N	04538E	62		1003.2	1010.7	15.0		13.0		15	113		5		
22768 SHENKURSK	6206N	04254E	45		1005.6	1011.0	16.7		13.3		8	96		5	283	95
22802 SORTAVALA	6143N	03043E	19		1008.9	1011.1	16.6	.1	14.8	1.1	13	68	12	4	295	98
22820 PETROZAVODSK	6149N	03416E	110		997.6	1010.7	16.3	.3	14.2	1.0	16	113	43	5	292	102
22837 VYTEGRA	6101N	03627E	56		1004.3	1011.0	16.6	.0	14.6	.5	11	157	89	5	321	111
26063 ST.PETERSBURG (VOEJKOVO)	5958N	03018E	6		1010.4	1011.1	18.2	.5	14.9	.4	14	63	-14	3	284	106
26157 GDOV	5844N	02750E	40		1007.1	1011.8	17.6		15.4		15	111			313	
26275 STARAYA RUSSA	5801N	03119E	25		1008.9	1011.8	18.0		15.9		13	131			289	95
26359 PUSKINSKIE GORY	5701N	02854E	108		999.6	1012.4	17.6		16.0		12	84				
26781 SMOLENSK	5445N	03204E	239		984.6	1012.3	17.3	.5	15.7	.8	10	81	-14		293	113
26997 TRUBCHEVSK	5235N	03346E	178		991.8	1012.5	19.3		17.1		11	67		3		
27037 VOLOGDA	5919N	03955E	130		996.4	1011.6	16.9	-1	14.7	-1	8	42	-35	2	281	103
27051 TOT'MA	5953N	04245E	134		995.7	1011.4	16.8	.1	14.6	.3	9	55	-25	3	254	93
27333 KOSTROMA	5744N	04047E	126		996.9	1011.7	18.0	.1	16.0	1.1	11	72	-10	3	286	101
27459 NIZHNIJ NOVGOROD	5616N	04400E	157		993.3	1011.6	19.3		15.7		10	127		5	316	110
27595 KAZAN'	5536N	04917E	116		997.6	1011.4	19.7	.1	14.3	-1.1	10	81	13	4	333	114
27612 MOSKVA	5550N	03737E	156		993.9	1012.1	18.8	.6	16.8	1.9	10	91	-2			
27648 ELAT'MA	5457N	04146E	136		996.0	1011.4	18.8	.3	16.5	1.0	11	65	-20	2	286	101
27675 PORETSKOE	5511N	04620E	136		995.5	1011.4	19.2		15.3		12	94		4	305	105
27707 SUHINICHI	5406N	03521E	238		984.6	1012.3	18.2		16.6		9	110				
27823 PAVELETS	5347N	03915E	209		987.9	1012.1	19.5	1.3	15.7	.8	7	38	-37	1	309	114
27857 ZAMETCHINO	5329N	04238E	131		996.3	1011.5	20.7		15.4		8	63		3	311	110
27995 SAMARA (BEZENCHUK)	5259N	04926E	46		1006.0	1011.3	21.7		14.8		4	24		1	357	115
34110 BOGORODITSKOE-FENINO	5110N	03721E	226		985.5	1011.5	20.9		16.1		9	54		2	297	
34123 VORONEZ	5142N	03913E	149		994.5	1011.7	21.6		16.0		7	41		1		
34152 BALASHOV	5133N	04309E	159		993.1	1011.3	22.7		14.5		5	24		1		
34163 OKTJABR'SKIJ GORODOK	5138N	04527E	201		988.0	1010.7	22.4		13.7		3	14		1	365	119
34186 ERSHOV	5122N	04818E	111		998.2	1010.9	24.0		11.4		2	18		1	383	115
34579 VERHNIJ BASKUNCHAK	4813N	04644E	34		1006.0	1009.9	27.5		12.7		2	20		4		
34720 TAGANROG	4712N	03854E	32		1006.5	1010.3	26.0		19.2		4	38			304	
34740 GIGANT	4631N	04121E	79		1000.7	1009.6	26.2		14.1		6	80			311	
34866 YASHKUL'	4611N	04521E	-7		1011.1	1010.3	27.3	1.7	13.9	-1.9	7	44	14			
34927 KRASNODAR-KRUGLIK	4503N	03902E	29		1006.5	1009.9	25.6		19.1		10	80		4	318	105
34949 STAVROPOL'	4507N	04205E	452		958.7	1009.3	23.8		14.8		8	91			270	
37001 ANAPA	4453N	03717E	32		1006.2	1009.9	25.4		21.8		7	36		4	329	95
37061 BUDENNOVSK	4447N	04408E	136		993.8	1009.2	26.2		14.9		6	51			323	
37107 KRASNAYA POLYANA	4341N	04012E	569		946.2	1009.9	20.5		13		13	189			253	105
37126 SHADZHATMAZ	4344N	04240E	2056		795.4	1496 Y	11.8		11.0		13	163			223	
37228 VLADIKAVKAZ	4303N	04439E	703		931.2	1009.0	21.4		17.3		9	85			220	

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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.
37470 DERBENT	4204N	04818E	-18		1011.6	1009.4	26.4		24.7		2	15		4	284	105
37472 MAHACHKALA	4250N	04733E	32		1009.2	1011.4	25.0	.2	21.0	.6	2	23	-3	3	265	94
37663 AHY	4128N	04745E	1015		898.3	1470 Y	20.5		16.0		6	40		3	282	105
ARMENIA																
37789 YEREVAN/YEREVAN-ARABKIR	4008N	04428E	1140		885.2	1465 Y	24.4	-1.6	19.7	5.4	9	62	52	6	345	101
AZERBAIJAN																
37661 SHAKI	4113N	04710E	641		937.8	1007.8	25.6	1.6	19.2	2.6	2	32	-29			
37735 GANDJA	4043N	04625E	311		963.4	997.8	27.1	1.7	18.7	.8	4	26	3		281	
37747 EVLAKH AIRPORT	4037N	04709E	15		1006.5	1008.2	29.6	1.8	16.5	-2.1	1	13	-9		108	39
37936 NAXCIVAN	3912N	04525E	885		905.9	999.6	29.1	2.2	18.4	6.0	0	0	-17			
37989 ASTARA	3827N	04853E	-22		1011.5	1009.0	26.9	2.7	27.5	6.5	0	0	-34		212	75
BELARUS																
26554 VERHNEDVINSK	5549N	02757E	132		997.0	1012.5	17.2		15.5		10	100		4	281	
26666 VITEBSK	5510N	03013E	176		992.3	1012.7	18.2	1.1	15.3	.7	12	119	27	4		
26825 GRODNO	5336N	02403E	134		995.4	1012.7	18.8		16.6		13	151		5		
26850 MINSK	5356N	02738E	231		987.1	1012.9	18.6	1.3	15.6	1.6	13	162	74	5	259	100
26863 MOGILEV	5357N	03004E	192		990.1	1012.6	17.8	.5	16.2	1.7	11	212	127	5		
26941 BARANOVICHI	5307N	02600E	193		990.6	1013.0	18.8		16.4		13	154		5		
26951 SLUTSK	5302N	02733E	162		994.0	1012.9	18.7		17.0		11	103		5		
33008 BREST	5207N	02341E	146		996.6	1013.5	20.0	2.0	16.7	2.2	10	67	-13	3	270	104
33019 PINSK	5207N	02607E	142		996.7	1013.3	19.7		17.4		12	112		5	291	110
33036 MOZYR	5157N	02910E	190		990.9	1012.7	19.7		16.2		12	151		5		
33038 VASILEVICHI	5215N	02950E	142		996.2	1012.8	19.5	1.4	16.7	1.7	9	120	32	4	315	116
33041 GOMEL	5224N	03057E	126		997.8	1012.6	20.2	1.8	16.5	1.6	12	233	151	6	310	119
ESTONIA																
26038 TALLINN	5923N	02435E	34		1006.6	1010.5	16.9	.6	14.7	.5	13	121	42	5	277	99
26214 VILSANDI	5823N	02149E	6		1009.6	1010.3	17.4	1.2	16.5	1.7	7	54	3	3	282	93
26242 TARTU	5818N	02644E	68		1002.9	1011.2	17.3	.8	15.3	1.2	15	112	41	5	270	102
GEORGIA																
37279 ZUGDIDI	4231N	04153E	118		996.3	1009.6	23.3		23.8			266				
37395 KUTAISI	4216N	04238E	114		997.1	1010.2	23.5		23.1			265				
37432 PASANAURI	4221N	04442E	1070		892.1	1482 Y	18.7		14.0			63				
37484 BATUMI	4139N	04138E	2		1012.1	1013.0	22.6					80				
37545 TBILISI	4145N	04446E	427		960.0	1007.6	24.2					81				
37621 BOLNISI	4127N	04433E	534		948.0	1008.0	25.0					33				
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.
34398 ZHALPAKTAL	4940N	04929E	10		1008.5	1010.0	26.1	2.0	11.1	-2.5	4	15	-7		399	125
34691 NOVYJ USHTOGAN	4754N	04848E	-10		1010.9	1009.8	27.5		12.8		3	10				
LATVIA																
26346 ALUKSNE	5726N	02702E	193		988.4	1011.7	16.7		15.1		16	90			285	105
26406 LIEPAJA	5629N	02101E	7		1011.0	1011.6	17.9	1.5	16.6	2.6	11	132	58		322	115
26544 DAUGAVPILS	5552N	02637E	122		997.6	1012.1	17.3	.4	15.5	1.5	12	74	-9		291	114
LITHUANIA																
26509 KLAIPEDA	5544N	02104E	7		1010.7	1011.6	18.7	2.1	17.4	2.3	9	74	0	3	324	118
26524 SIAULIAI	5556N	02319E	107		998.9	1011.5	18.2	1.5	15.3	1.1	10	78	4	3		
26629 KAUNAS	5453N	02350E	77		1003.4	1012.5	18.4	1.5	16.3	1.5	15	83	3	3	294	115
26730 VILNIUS	5438N	02506E	162		993.9	1012.5	18.0	1.1	15.5	1.5	15	107	29	4	270	123
REPUBLIC OF MOLDOVA																
33748 CORNESTI	4720N	02805E	232		985.6	1012.3	23.0		14.9		8	31		1		
33815 CHISINAU	4701N	02859E	173		992.2	1011.7	24.0	3.1	15.5	.0	8	68	-1	3	358	120
33829 TIRASPOL	4654N	02936E	40		1007.1	1011.8	24.3		17.7		6	46		2	334	110
33883 KOMRAT	4618N	02838E	133		996.4	1012.0	24.2		15.2		6	46		3		
UKRAINE																
33177 VOLODYMYR-VOLYNS'KYI	5050N	02419E	194		991.1	1013.8	19.9		16.4		6	29		1		
33275 SUMY	5051N	03440E	181		990.8	1011.8	20.7	1.6	17.4		13	119	42	5		
33301 RIVNE	5035N	02608E	231		987.0	1013.7	19.9	2.2	16.6		8	44	-40	1		
33345 KIEV	5024N	03034E	167		993.3	1012.5	21.7	2.4	16.8	1.3	9	38	-50	1		
33377 LUBNY	5000N	03301E	158		993.7	1012.0	21.4	1.7	17.2		9	68	-7	2		
33393 L'VIV	4949N	02357E	323		977.1	1014.3	19.4	2.1	16.4	1.7	9	65	-37	2	287	113
33415 TERNOPIL'	4932N	02540E	329		976.2	1014.0	19.9	2.6	15.9		6	24	-68	0		
33429 KHMEL'NYTS'KYI	4926N	02659E	350		973.6	1013.7	19.9	1.9	16.6		8	73	-34	2		
33506 POLTAVA	4936N	03433E	160		993.0	1011.4	22.1	2.0	17.3	2.2	8	117	46	5		
33526 IVANO-FRANKIVS'K	4858N	02424E	280		982.1	1014.4	20.1	2.2	17.0		8	39	-64	1		
33562 VINNYTSIA	4914N	02836E	298		979.0	1013.2	20.4	2.2	16.3	1.2	8	46	-47	1	313	117
33587 UMAN'	4846N	03014E	216		988.0	1012.8	21.2	2.3	17.5	1.9	8	86	-1	3		
33631 UZHGOROD	4838N	02216E	124		1000.5	1014.0	22.1	2.2	17.0	1.7	5	45	-40	1	348	127
33658 CHERNIVTSI	4822N	02554E	246		985.7	1014.0	21.5	2.8	15.6	.3	4	46	-57	1	355	144
33711 KIROVOHRAD	4831N	03212E	171		992.2	1011.9	21.8	1.8	17.3		8	65	-7	3		
33777 VOZNESENS'K	4734N	03120E	34		1007.9	1011.8	24.1		18.0		10	59		5		
33791 KRYVYI RIH	4802N	03313E	124		997.0	1011.3	23.1	2.0	17.0		7	46	-8	3	300	100
33837 ODESA	4626N	03046E	42		1006.8	1011.7	24.5	3.0	18.7	1.7	7	40	-9	3	341	109
33889 IZMAIL	4522N	02851E	30		1008.8	1012.3	24.9	3.1	17.6	.8	7	68	17	4	332	110
33902 KHERSON	4638N	03234E	54		1004.4	1010.6	24.4	2.5	17.8		5	22	-27	2	318	95
33915 ASKANIIA-NOVA	4627N	03353E	30		1007.3	1010.7	25.0	2.7	16.5	1.3	6	20	-22	2	326	103
33946 SIMFEROPOL'	4441N	03408E	181		990.4	1011.0	23.8	2.4	18.1	2.4	5	43	-12	3	319	94

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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.
33998 AI-PETRI	4426N	03405E	1180		882.1		17.2	2.1	12.6		9	118	63	5	302	85
34300 KHARKIV	4958N	03608E	155		993.3	1011.2	22.9	2.6	15.7	.5	9	59	-1	3	308	113
34415 IZIUM	4911N	03718E	78		1001.8	1010.8	23.0		17.0		9	63		3		
34504 DNIPROPETROVS'K	4836N	03458E	143		994.0	1010.7	23.9	2.7	17.3		6	48	-8	3	303	90
34519 DONETS'K	4804N	03746E	225		984.9	1010.5	23.9	3.1	15.0		6	22	-26	2		
34523 LUHANS'K	4834N	03915E	62		1003.2	1010.3	24.4	2.7	15.6		3	41	-10	3	295	95
34712 MARIUPOL'	4702N	03730E	70		1002.0	1010.0	24.9		20.5		5	37		2		
SYRIAN ARAB REPUBLIC																
40001 KAMISHLI	3703N	04113E	455		948.9	997.7	32.2	.0	9.9	-1	0	0	-1	0		
40007 ALEPPO INT. AEROPORT	3611N	03712E	393		959.6	1001.7	29.4	1.1	15.7	-3	0	0	-1			
40022 LATTAKIA	3532N	03546E	7		1004.0	1004.8	28.5	2.2	27.8	2.1	1	20	19	3	307	94
40030 HAMA	3507N	03645E	303		969.7	1003.2	29.1	.9	16.4	2.7	0	0	-1			
40045 DEIR EZZOR	3519N	04009E	215		978.3	1001.2	33.0	.4	13.1	1.9	0	0	0			
40061 PALMYRA	3433N	03818E	408		957.3	1001.5	30.2	.8	17.3	4.2	0	0	0		394	103
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		936.7	1002.9	28.0	1.7	14.3	1.1	0	0	0			
ISRAEL																
40179 BET DAGAN	3200N	03449E	35		1003.8	1007.2	27.7	2.6	23.8		0	0		5	364	99
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1002.8	1007.5	28.0		22.4		0	0		5		
40199 EILAT	2933N	03457E	12		1005.1	1005.4	34.5	2.1	13.6		0	0		5	367	95
JORDAN																
40250 H-4 'IRWAISHED'	3230N	03812E	683		928.4	1001.9	28.9		13.9		0	0		0	393	100
40265 MAFRAQ	3222N	03615E	683		931.9	1007.1	25.5		18.7		0	0		0	357	100
40296 GHOR SAFI	3102N	03528E	-350		1046.6	1006.8	35.3		22.8		0	0			360	95
40310 MA'AN	3010N	03547E	1069		890.1	1473 Y	25.7	.2	11.5	-1	0	0	0	0	366	95
ASIA																
RUSSIAN FEDERATION (ASIA)																
20046 POLARGMO IM. E.T. KRENKELJA	8037N	05803E	22		1011.8	1015.0	.6	-2	6.0	.1	7	34	9		136	80
20069 OSTROV VIZE	7930N	07659E	10		1013.7	1015.0	.9	.4	6.2	.2	6	28	4	4	184	148
20087 OSTROV GOLOMJANNYJ	7933N	09037E	8		1014.2	1015.2	1.5		6.3		3	16		2	220	140
20292 GMO IM.E.K. FEDOROVA	7743N	10410E	15		1014.9	1016.0	1.5	.2	6.5	.2	5	26	-4	0	153	95
20476 MYS STERLEGOVA	7525N	08854E	11		1012.7	1014.0	6.1		8.5		6	29				
20667 IM. M.V. POPOVA	7320N	07003E	7		1012.3	1013.0	4.5		7.8		12	56			133	
20674 OSTROV DIKSON	7330N	08024E	47		1007.0	1012.7	7.1	2.7	9.4	1.7	11	39	1	3	218	97
20744 MALYE KARMAKULY	7222N	05242E	15		1011.2	1012.9	7.6	.7	8.7	.5	2	9	-32		186	81
20891 HATANGA	7159N	10220E	33		1008.2	1012.2	14.5	2.0	11.0	1.2	6	51	19	4	408	132
21432 OSTROV KOTEL'NYJ	7600N	13750E	8		1013.1	1015.0	2.2	-3	6.6	-2	9	57	26		107	64
21802 SASKYLAH	7158N	11400E	18		1010.6	1012.9	12.1		9.9		5	12			339	

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JULY 2009

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.
21908 DZALINDA	7008N	11350E	62		1003.9	1011.3	15.2		10.1		5	20			389	135
21921 KJUSJUR	7041N	12720E	33		1000.4	1004.4	12.5		9.6		4	27				
21931 JUBILEJNAJA	7046N	13610E	24		1008.5	1011.4	29.2		.9		1	11			237	80
21946 CHOKURDAH	7037N	14750E	61		1005.6	1013.0	8.5	-1.0	9.0	-1	6	25	-12		222	83
21982 OSTROV VRANGELJA	7059N	17820E	5		1014.3	1014.9	4.6	2.1	7.8	1.3	6	25	3		171	76
23022 AMDERMA	6945N	06142E	49		1007.6	1013.4	7.6		8.9		7	36			296	
23032 MARESALE	6943N	06648E	25		1009.3	1012.2	7.6		9.6		5	39			309	
23058 ANTIPAJUTA	6905N	07651E	3		1011.1	1011.4	13.2		10.2		2	15				
23074 DUDINKA	6924N	08610E	19		1008.2	1010.5	16.5	2.7	11.2	.1	4	64	19	4	422	137
23205 NAR'JAN-MAR	6738N	05302E	12		1010.5	1011.9	12.9	-4	10.8	-4	7	26	-22	2	315	119
23242 NOVYJ PORT	6741N	07253E	12		1009.1	1010.6	11.7		11.1		3	28			306	
23256 TAZOVSKOE	6728N	07844E	8		1006.7	1010.0	15.1		13.5		8	46			335	
23274 IGARKA	6728N	08634E	31		1005.9	1009.5	17.4		12.8		5	19		1	353	110
23324 PETRUN'	6626N	06046E	62		1004.4	1011.8	13.9		11.0		5	56		4	327	115
23330 SALEHARD	6632N	06640E	16		1009.4	1011.4	13.7	-7	11.0	-1.0	6	32	-37		348	113
23383 AGATA	6653N	09328E	278		977.8	1010.3	15.8		10.4		6	20		1		
23405 UST'-CIL'MA	6526N	05216E	68		1002.3	1011.0	14.7	-6	11.4	-1.2	7	58	-8	2	301	109
23445 NADYM	6528N	07240E	19		1007.0	1009.4	15.2		11.7		12	64				
23463 YANOV-STAN	6559N	08416E	40		1004.4	1008.9	16.1		12.8		9	62		4		
23472 TURUHANSK	6547N	08756E	38		1004.1	1008.5	18.2	1.6	13.0	.3	6	30	-31	1	350	109
23552 TARKO-SALE	6455N	07749E	27		1004.9	1008.1	16.6	.3	13.7	1.0	8	75	12	6	319	108
23631 BEREZOVO	6356N	06503E	32		1006.3	1010.2	15.3	-1.4	12.4	-1.5	6	68	0	5	319	103
23662 TOL'KA	6359N	08205E	33		1003.4	1007.5	17.3		13.3		11	43			304	
23678 VERHNEIMBATSK	6309N	08757E	46		1002.1	1007.4	18.5		14.4		10	74		4		
23711 TROICKO-PECHERSKOE	6242N	05612E	139		994.4	1011.8	15.1	-1.4	11.5	-1.9	7	87	15	4	275	96
23724 NJAKSIMVOL'	6226N	06052E	51		1003.5	1009.5	16.6	-4	11.3	-2.3	8	51	-25		297	102
23734 OKTJABR'SKOE	6227N	06603E	72		1000.4	1008.7	15.9		12.1		9	92			288	45
23867 LAR' YAK	6106N	08015E	57		999.0	1005.6	19.0		14.5		8	42			335	
23884 BOR	6136N	09001E	58				20.1	2.0	15.1	1.3	8	38	-28	1	331	111
23891 BAJKIT	6140N	09622E	262		979.6		16.9	-1	15.4	3.0	7	62	9	4	283	98
23914 CHERDYN'	6024N	05631E	207		985.7	1010.1	15.6	-1.8	13.1	-5	12	114	28	4	280	97
23921 IVDEL'	6041N	06027E	95		998.2	1009.4	15.7	-1.7	12.6	.2	14	72	-17	2	299	106
23933 HANTY-MANSIJSK	6101N	06902E	46		1001.7	1007.2	16.3	-1.8	13.9	-9	9	74	-7		289	95
23955 ALEKSANDROVSKOE	6026N	07752E	48		999.9	1005.6	18.0	-1	14.6	-4	9	56	-7		319	105
23966 VANZIL'-KYNAC	6021N	08405E	99		994.5	1006.0	18.5		15.0		9	96			271	100
23986 SEVERO-ENISEJSK	6023N	09320E	519		949.5	1007.8	18.2		12.7		13	69		3		
24125 OLENEK	6830N	11220E	220		984.7	1010.6	15.6	.7	10.1	-1	7	77	27		388	116
24136 SUHANA	6837N	11820E	77		1000.9	1010.1	15.4		10.3		6	28			362	100
24143 DZARDZAN	6844N	12400E	39		1004.0	1008.6	14.9	.3	12.5	1.3	7	83	43			
24266 VERHOJANSK	6733N	13320E	137		992.0	1008.1	16.0	.8	11.0	.8	5	36	0		323	99
24329 SHELAGONTSY	6615N	11410E	236		982.3	1010.1	14.3	-2	10.5	.1	8	102	45		294	100
24343 ZHIGANSK	6646N	12320E	92		996.5	1007.4	15.8	-1	12.0	.6	5	70	23		331	93
24382 UST'-MOMA	6627N	14310E	196		985.3	1008.4	14.8		11.0		8	39			296	95
24507 TURA	6416N	10010E	168		989.0	1010.7	16.7	.2	11.6	-2	5	18	-44	1	329	114
24606 KISLOKAN	6335N	10350E	211		985.3	1010.0	15.8		12.1		7	128		6	321	105
24641 VILJUJSK	6346N	12130E	111		994.3	1007.3	18.2	.1	13.0	2.1	9	44	-2		325	95

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
24661 SEGEN-KYUEL'	6400N	13010E	208		981.0	1005.1	18.4		12.9		6	49				
24671 TOMPO	6357N	13550E	402		958.9	1005.0	16.8		13.1		9	77				
24688 OJMJAKON	6315N	14300E	741		922.1	1005.8	15.4	1.6	11.1	1.6	13	44	-6		341	114
24713 NAKANNO	6253N	10820E	246		980.4	1009.0	16.4		12.6		7	30			282	
24738 SUNTAR	6209N	11730E	133		991.0	1007.1	18.2	.7	15.7	3.7	9	68	17		314	97
24790 SUSUMAN	6247N	14810E	655		932.3	1006.8	14.9		10.3		8	44			327	
24817 ERBOGACEN	6116N	10800E	291		974.8	1008.1	16.9	-1	14.0	1.6	7	72	27		256	81
24908 VANAVARA	6020N	10210E	260		978.4	1008.6	17.3	.1	12.6	-1	7	24	-33	1	327	111
24959 JAKUTSK	6201N	12940E	101		993.1	1004.8	20.5	1.8	13.4	.9	5	26	-13		377	109
24966 UST'-MAJYA	6023N	13420E	170		985.4	1005.0	19.9	2.1	13.8	.6	5	17	-36		379	118
24967 TEGYULTYA	6028N	13000E	171		986.2	1006.0	18.9		13.9		9	48				
25062 MYS BILLINGS	6953N	17540E	3		1011.6	1012.0	3.7		7.5		8	19				
25138 OSTROVNOE	6807N	16410E	94		997.9	1009.3	11.6		9.8		7	41			260	
25173 MYS SHMIDTA	6854N	17920W	4		1012.1	1012.5	5.7	1.4	8.1	.9	9	41	5			
25206 SREDNE-KOLYMSK	6727N	15340E	21		1007.9	1010.4	12.6		10.0		6	12				
25248 ILIRNEJ	6715N	16750E	353		967.3	1009.2	10.6	-1.5	8.3	-1.2	8	23	-23			
25282 MYS VANKAREM	6750N	17050W	5		1012.1	1012.7	6.6		8.4		4	11			134	
25325 UST'-OLOJ	6633N	15920E	127		994.0	1009.3	11.0	-2.0	9.3	-8	9	42	-9		227	
25356 EN' MUVEEM	6623N	17320E	77		1000.1	1009.3	10.5		9.7		13	67			110	
25378 EGVEKINOT	6621N	17900W	26		1008.9	1012.0	9.0		9.1		21	202				
25399 MYS UELEN	6610N	16950W	3		1012.9	1013.8	6.4	.1	8.7	.2	6	33	-7		92	43
25400 ZYRYANKA	6544N	15050E	43		1004.2	1009.3	14.7	-6	11.1	-4	7	26	-21			
25428 OMOLON	6514N	16030E	264		976.6	1007.4	12.1		9.3		11	55			256	
25503 KORKODON	6445N	15350E	98		996.9	1008.6	14.0		11.1		6	27			268	
25538 VERHNEE PENZINO	6413N	16410E	326		968.6	1007.0	11.7		9.1		12	45		3	163	65
25551 MARKOVO	6441N	17020E	26		1004.7	1007.5	11.2	-2.6	10.6	-6	12	73	19		135	51
25563 ANADYR'	6447N	17730E	61		1001.8	1009.2	8.1	-2.5	9.5	-8	15	87	48		125	49
25594 BUHTA PROVIDENJA	6425N	17310W	40		1007.4	1012.1	7.8	-8	9.0	-2	4	10	-52			
25677 BERINGOVSKAJA	6303N	17910E	82		1007.4	1008.0	6.9		9.3		16	117				
25705 SREDNIKAN	6227N	15210E	260		976.2	1006.5	15.4		11.8		6	33			223	
25927 BROHOVO	5939N	15410E	5		1006.5	1007.1	14.0		13.1		1	3		0	278	
25932 TAJGONOS	6041N	16020E	30		1003.6	1007.2	11.2		10.1		8	83			174	
25954 KORF	6021N	16600E	4		1005.9	1006.3	12.7	.9	11.2	-1	10	49	-7	3	178	95
28009 KIRS	5922N	05213E	169		991.1	1011.1	15.9		13.6		10	103		4		
28064 LEUSI	5937N	06543E	72		999.8	1008.3	16.6	-1.9	14.1	-4	12	124	50		269	88
28138 BISER	5831N	05851E	463		956.0	1009.8	13.9	-2.1	11.6	-1.7	14	109	6	3	280	96
28224 PERM'	5801N	05618E	171		989.8	1009.8	16.4		13.9		11	86			273	
28255 TURINSK	5803N	06341E	103		995.9	1008.0	16.5		15.0		16	78		3	258	90
28275 TOBOL'SK	5809N	06815E	50		1001.1	1007.0	17.2	-1.5	14.8	-6	14	91	18	3	274	92
28418 SARAPUL	5628N	05344E	133		995.2	1010.8	17.9		14.4		8	53		3	314	105
28434 KRASNOUFIMSK	5639N	05747E	206		985.4	1009.5	16.2	-1.9	14.0	-9	11	140	62	5	264	99
28493 TARA	5654N	07423E	73		997.0	1005.6	17.7	-1.1	15.9	.8	13	91	25	4	269	86
28552 SADRIKSK	5604N	06339E	89		997.4	1007.8	17.8	-1.6	14.1	-1.3	13	79	7	4	341	114
28573 ISHIM	5606N	06926E	82		996.6	1006.2	18.4		14.7		7	46			334	
28666 MAKUSINO	5515N	06718E	140		990.7	1006.7	18.5		12.9		4	9		0	326	
28698 OMSK	5501N	07323E	122		991.0	1005.3	18.2	-1.5	15.4	.7	18	162	101		273	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.
28704 CULPANOVO	5430N	05025E	78		1002.2	1011.3	19.5		14.4		5	39		2	353	115
28722 UFA-DIOMA	5443N	05550E	104		997.7	1009.1	18.5	-8	14.5	-1.3	8	52	-11		336	116
28748 TROIJK	5405N	06137E	192		986.1	1008.3	18.8		12.6		9	55		2	346	65
29111 SREDNY VASJUGAN	5913N	07814E	69		998.0	1005.5	18.9		15.9		14	116			266	
29231 KOLPASEVO	5819N	08257E	75		997.0	1005.5	18.6	.2	16.0	.9	5	121	54		285	91
29263 ENISEJSK	5827N	09209E	79		997.7	1007.3	19.4	.9	14.7	-1	7	42	-16	2	368	119
29282 BOGUCANY	5823N	09727E	133		992.3	1007.8	19.0	.4	14.3	.2	6	46	-5	3	324	111
29313 PUDINO	5732N	07922E	97		993.6	1004.9	17.7		15.3		14	95			274	
29328 BAKCHAR	5705N	08155E	110		992.5	1005.3	17.6		15.3		14	151			252	
29379 TASEEVO	5712N	09433E	168		988.4	1007.8	18.9		14.8		4	31				
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		974.9	1006.8	18.9		15.1		12	50		1		
29594 TAJSHET	5557N	09800E	307		971.4	1006.6	19.0		14.5		1	23			379	
29612 BARABINSK	5520N	07822E	120		990.8	1004.8	17.8	-1.5	15.0	-1	10	81	19		276	85
29645 KEMEROVO CGMS	5645N	08613E	148		988.9	1006.0	19.1		15.9		6	72			331	
29752 NENASTNAYA	5445N	08849E	1183		875.7	1433 Y	13.7		12.0		12	90		3	239	95
29789 VERHNJAJA GUTARA	5413N	09658E	984		896.9	1005.9	14.4		13.2		19	190			176	
29866 MINUSINSK	5342N	09142E	254		976.5	1005.6	20.0	.4	16.0	1.2	10	76	11	4	275	110
29939 BIJSK ZONAL'NAYA	5241N	08457E	228		980.0	1005.9	19.7		15.1		8	45		1		
30054 VITIM	5927N	11230E	190		984.7	1006.7	18.6	1.1	14.7	.6	10	71	17		287	104
30089 DZHIKIMDA	5901N	12140E	175		985.1	1005.5	17.7		14.9		9	95				
30230 KIRENSK	5746N	10800E	259		977.0	1007.0	17.9	.2	15.4	1.0	7	55	-14		285	108
30252 MAMAKAN	5749N	11410E	249		977.1	1005.8	18.1		16.1		16	86			225	
30309 BRATSK	5617N	10140E	416		959.0	1006.5	18.5	1.0	15.5	1.3	8	74	12		340	127
30372 CHARA	5654N	11810E	711		924.3	1004.0	16.6	.7	12.7	.1	11	50	-19	2	266	107
30385 UST'-NJUKZHA	5635N	12120E	426		954.5	1003.0	17.7		14.9		13	113			239	45
30433 NIZHNEANGARSK	5547N	10930E	487		950.7	1005.2	18.0	2.5	13.8	.8	5	32	-30	1	326	136
30521 ZHIGALOVO	5448N	10510E	426		957.8	1005.6	17.9	.8	14.0	-4	10	57	-17		259	112
30554 BAGDARIN	5428N	11330E	903		904.7	1005.3	15.5	.6	12.6	.8	14	108	2	4	208	86
30612 BALAGANSK	5400N	10300E	427		957.1	1005.7	18.3		15.1		8	86				
30636 BARGUZIN	5337N	10930E	489		948.4	1003.4	19.7		14.0		7	48		2	336	122
30650 ROMANOVKA	5312N	11240E	923		901.9	1004.0	16.4		13.3		12	121		4		
30673 MOGOCHA	5345N	11940E	625		933.2	1003.8	16.7	.1	15.1	1.4	15	161	51	5	219	95
30710 IRKUTSK	5216N	10410E	469		952.5	1005.6	19.0	1.5	15.1	.3	9	99	-21		270	111
30758 CHITA	5205N	11320E	671		928.7	1003.5	19.2	1.4	13.9	.1	10	103	0	3	305	123
30777 SRETEJSK	5214N	11740E	525		943.9	1003.1	18.6		15.3		11	113		4	238	101
30844 HILOK	5121N	11020E	802		914.7	1003.9	17.3		13.6		11	66		2		
30879 NERCHINSKIJ ZAVOD	5119N	11930E	619		933.4	1002.9	17.7	-3	15.1	.0	14	113	-11	3	267	105
30925 KJAHTA	5022N	10620E	797		915.0	1002.9	19.5		15.2		9	48		1	266	104
30935 KRASNYY CHIKOJ	5022N	10840E	771		918.1	1003.7	18.0		14.2		6	78		3	259	110
30949 KYRA	4934N	11150E	908		903.6	1003.5	18.0	.8	15.0	1.7	7	77	-48	1	261	104
30965 BORZYA	5024N	11630E	676		927.7	1002.9	19.2	.5	15.2	.3	9	87	-4	3	315	115
31004 ALDAN	5837N	12520E	679		928.5	1004.8	17.1	.9	13.5	1.4	13	119	32		302	109
31088 OHOTSK	5922N	14310E	6		1007.7	1008.4	13.7	1.7	14.1	1.6	2	5	-70	0	249	139
31137 TOKO	5617N	13100E	850		909.9	1005.3	14.4		12.1		11	80				
31152 NEL'KAN	5739N	13600E	318		968.9	1005.5	17.5		11.7		8	52			258	
31168 AYAN	5627N	13800E	8		1007.8	1008.9	12.6	.8	12.9	.9	8	95	-52		194	128

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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	QUANTILE	TOTAL	% of AV.
31174 BOL'SHOJ SHANTAR	5450N	13730E	21		1007.0	1008.1	10.9		11.9		6	55			268	130
31253 BOMNAK	5443N	12850E	357		963.0	1004.6	18.4	.7	15.4	.6	6	49	-81	1	275	116
31329 EKIMCHAN	5304N	13250E	542		943.4	1004.9	16.6	-.3	14.5	-.2	11	85	-58	2	245	111
31369 NIKOLAEVSK-NA-AMURE	5309N	14040E	68		999.8	1007.6	16.2	-.4	15.5	.3	4	26	-46			
31416 IM POLINY OSIPENKO	5225N	13630E	73		997.7	1006.1	17.9	.0	15.9	.4	9	72	-15		254	107
31439 BOGORODSKOE	5223N	14020E	35		1003.7	1007.8	18.0		15.0		5	34				
31707 EKATERINO-NIKOL'SKOE	4744N	13050E	73		995.3	1003.7	19.9	-1.2	19.1	-1.0	13	281	139			
31770 SOVETSKAYA GAVAN'	5100N	13950E	238		1005.0	1007.9	13.8		13.9		11	149			187	100
31829 ZOLOTIJ	4719N	13850E	26		1004.8	1007.9	12.6	-1.1	13.9	-.7	12	156	55			
31873 DAL'NERECHENSK	4552N	13340E	101		993.1	1004.7	19.7		19.9		14	151				
31960 VLADIVOSTOK	4307N	13150E	183		984.3	1006.3	15.8	-1.5	17.0	-1.7	15	206	88		86	70
31989 PREOBRAZHENIE	4254N	13350E	43		1001.8	1006.9	15.5		16.3		10	124				
32027 POGIBI	5213N	14130E	6		1007.9	1008.8	14.6		14.1		3	6			203	
32061 ALEKSANDROVSK-SAHALINSKIJ	5054N	14210E	31		1004.8	1008.4	14.8	-.3	14.2	.0	6	45	-17	2	275	129
32076 POGRANICHNOE	5024N	14340E	8		1006.4	1007.4	8.8		10.8		6	86		1	166	90
32098 PORONAJSK	4913N	14300E	8		1008.8	1009.8	12.8	-.7	13.6	-.5	7	103	24	4	159	107
32099 MYS TERPENIYA	4839N	14440E	6		1009.0	1009.8	9.3		11.6		5	74			105	20
32150 JUZHNO-SAHALINSK	4657N	14240E	24		1005.5	1008.3	13.7	-1.7	13.8	-1.5	9	210	123	5	134	81
32165 JUZHNO-KURIL'SK	4401N	14550E	49		1002.5	1008.3	11.9	-.2	13.3	-.5	18	324	201	6	107	104
32213 MYS LOPATKA	5052N	15640E	47		1003.1	1009.2	8.6		10.7		1	6		0	96	110
32287 UST'- HAJRJUZOVO	5705N	15640E	8		1007.6	1008.5	11.6		11.9		3	14		1	227	135
32389 KLJUCHI	5619N	16050E	29		1002.7	1006.2	15.9	1.2	13.6	1.1	8	50	2	3	255	121
32477 SOBOLEVO	5418N	15550E	14		1005.8	1008.8	12.0		11.8		4	27		1	203	145
32509 SEMYACHIK	5407N	15950E	27		1003.1	1006.3	13.4		13.3		5	29		1	108	
32618 OSTROV BERINGA	5512N	16550E	18		1004.8	1007.2	10.2	1.5	11.5	1.0	6	39	-7	3	128	152
35011 SORCHINSK	5226N	05308E	123		996.3	1010.5	21.8		11.8		3	11		1		
36038 ZMEINOGORSK	5109N	08212E	355		965.4	1006.0	18.4		14.3		11	76			258	
36064 YAJLJU	5146N	08736E	480		952.9	1007.4	16.9		14.4		15	155			257	
36096 KYZYL	5143N	09430E	628		933.7	1004.1	20.3		12.7		5	32		2	283	95
36229 UST'- KOKSA	5017N	08537E	978		898.8	1007.4	15.4		12.5		12	62			274	
36259 KOSH-AGACH	5001N	08841E	1759		818.1	1436 Y	15.1		10.9		5	19			310	
36307 ERZIN	5016N	09507E	1101		884.5	1443 Y	18.4		3.6		12	79		0		
KAZAKHSTAN																
28679 PETROPAVLOVSK	5450N	06909E	142		990.1	1006.6	18.4	-1.4	14.4	-.7	7	50	-8	3	248	81
28766 BLAGOVESHCHENKA	5422N	06658E	151		989.2	1006.8	18.6		13.0		5	25		2		
28879 KOKSHETAY	5317N	06923E	229		979.9	1006.4	18.3	-1.9	13.4	-.9	12	93	25	4	301	96
28952 KOSTANAY	5313N	06337E	170		990.7	1008.3	19.5	-1.5	15.9	1.4	8	31	-26		337	105
28966 RUZAEVKA	5249N	06658E	227		980.8	1007.1	18.0		12.4		9	26				
29807 IRTYSHSK	5321N	07527E	94		993.9	1004.7	19.1	-1.9	14.0	-.7	15	116	66			
35067 ESIL'	5153N	06620E	221		982.1	1007.5	19.2		11.4		3	25		2		
35078 ATBASAR	5149N	06822E	304		972.0	1007.0	18.2	-2.3	12.2	-1.0	11	57	11	5	282	87
35108 URALSK	5115N	05117E	37		1006.1	1010.4	23.3	.8	12.3	-2.4	3	20	-17	2	375	116
35188 ASTANA	5108N	07122E	350		966.3	1006.2	18.9	-2.4	13.0	.0	11	87	38	5	296	88
35217 DZHAMBEJTY	5015N	05234E	32		1006.3	1009.9	24.9		11.0		2	12				
35229 AKTOBE	5017N	05709E	219		984.0	1009.0	22.8	.4	11.6	-1.7	2	6	-23	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.
35394 KARAGANDA	4948N	07309E	553		944.0	1006.5	18.7	-2.1	11.3	-.7	9	37	-3		305	92
35406 TAIPAK	4903N	05152E	2		1009.2	1009.4	26.6	1.4	10.2	-2.9	2	5	-10		414	124
35416 UIL	4904N	05441E	128		998.4	1009.1	25.5	.6	10.3	-2.0	0	T	-19	5	402	117
35426 TEMIR	4909N	05707E	234		982.3	1008.9	23.6		10.3		1	2		1		
35671 ZHEZKAZGAN	4748N	06743E	346		966.6	1005.6	23.4		9.4		1	5			373	
35700 ATYRAU	4707N	05155E	-22		1011.4	1009.3	27.5	1.3	12.6	-1.7	1	2	-13		391	114
35746 ARALSKOE MORE	4647N	06139E	62		999.6	1006.8	27.4	.3	13.7	.6	0	T	-9	1	389	103
35796 BALHASH	4648N	07505E	350		965.8	1005.2	22.8	-1.5	14.4	-.1	1	12	-6		383	102
35849 KAZALINSK	4546N	06207E	68		999.5	1007.4	25.9	-1.0	11.9	-2.2		2	-3	3	389	100
35925 SAM	4524N	05607E	88		998.2	1008.1	28.6	1.0	9.6	-3.5	4	35	25			
35953 DZHUSALY	4530N	06405E	103		994.8	1006.4	27.2		10.7		0	T		1		
36003 PAVLODAR	5218N	07656E	122		990.8	1004.9	19.3		15.3		14	109		6	273	
36177 SEMIPALATINSK	5025N	08018E	196		983.0	1005.4	20.7	-1.0	14.1	.0	7	35	-1	3	294	86
36208 LENINOGORSK	5020N	08333E	811		915.4	1005.4	16.4	-.9	13.3	.0	17	101	20	3		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401				20.3		14.2		9	30			351	105
36535 KOKPEKTY	4845N	08222E	512		948.3	1005.3	20.0	-.3	11.8	-.9	9	25	-8		317	93
36859 ZHARKENT	4410N	08004E	645		933.4	1004.3	23.5	-.7	12.9	-1.2	4	18	-4		320	97
36870 ALMATY	4314N	07656E	851		912.7	1004.9	24.0	.4	10.8	-2.3	6	23	-8	2	288	94
38001 FORT SHEVCHENKO	4433N	05015E	-25		1011.8	1009.1	26.8	1.3	18.2	-1.7	1	2	-13			
38062 KYZYLORDA	4451N	06530E	130		991.2	1005.9	27.4	-.1	10.7	-1.9	0	T	-4	1		
38069 CHILI	4410N	06645E	153		988.2	1005.6	27.2		11.0		0	0		0		
38198 TURKESTAN	4316N	06813E	207		980.3	1003.6	28.5	-.1	10.1	-.9	0	T	-3			
38328 SHYMKENT	4219N	06942E	604		937.3	1003.3	26.1		10.6		0	T		3	371	
38334 AUL TURARA RYSKULOVA	4229N	07018E	808		916.2	1003.6	24.8		10.1		1	3		2		
38341 ZHAMBYL	4251N	07123E	655		932.7	1004.1	25.3		10.0		2	21		5	408	
38343 KULAN	4257N	07245E	683		927.5	1004.3	24.5		10.1		1	3		2		
38439 CHARDARA	4122N	06800E	275		972.7	1003.2	28.7		12.1							
TAJIKISTAN																
38836 DUSHANBE	3833N	06847E	800		915.0	1001.0	26.3	-.8	10.5	-4.1	0	0	-3		292	83
TURKMENISTAN																
38388 EKEZHE	4102N	05746E	62		1000.2	1006.5	32.0		7.1		0	0			391	
38507 TURKMENBASHI	4003N	05300E	82		997.0	1006.4	29.5	1.8	17.0	.0	0	0	-3		294	85
38511 CHAGYL	4047N	05520E	115		993.5	1006.3	31.6		9.9		0	0			353	
38545 DARGANATA	4028N	06217E	142		989.0	1005.0	28.3		12.4		0	T			344	
38656 ERBENT	3919N	05836E	87		995.4	1005.3	33.3	.9	8.5	-3.2	1	3	1			
38687 CHARDZHEV	3905N	06336E	190		982.6	1004.2	28.6	-.9	12.1	-1.7	0	0	-1		396	100
38750 ESENGYLY	3728N	05338E	-22		1009.8	1007.2	28.7	1.7	26.7	1.6	2	4	-4		280	90
38763 GYZYLARBAT	3859N	05617E	92		995.9	1005.5	32.2	.7	14.5	-2.7	0	0	-10		339	96
38880 ASHGABAT KESHI	3755N	05808E	312		982.1	1005.4	30.2	-.7	12.9	-2.1	0	T	-3			
38895 BAJRAMALY	3736N	06211E	240		978.1	1004.5	31.2	.5	11.7	.7	0	0	0		357	96
38974 SARAGT	3632N	06113E	275		973.2	1003.8	31.5	.7	10.2	.3	0	0	-1		377	100
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.
38178 AK-BAJTAJ	4309N	06420E	234		980.3	1006.2	28.9	-8	8.5	-3.2	0	T	-4	0	393	100
38262 CHIMBAJ	4257N	05949E	66		999.3	1006.8	28.0	.7	14.6	-1.7	1	9	6	5	385	103
38396 URGENCH	4134N	06034E	101		995.1	1006.5	27.9		13.7		0	T		1		
38403 BUZAUBAJ	4145N	06228E	98		994.4	1005.4	31.1		15.3		1	3		4		
38413 TAMDY	4144N	06437E	237		978.9		30.7	-2	10.6	-5	0	0	-3	0	384	100
38457 TASHKENT	4116N	06916E	488		949.3	1002.9	27.8	.2	11.9	-1.8	0	T	-4	0	397	104
38611 NAMANGAN	4059N	07135E	474		951.6	1003.6	28.4		14.4		1	1		3	372	105
38618 FERGANA	4022N	07145E	577		938.7	1001.5	27.7	.7	17.4	1.5	1	3	-2	3	354	98
38683 BUHARA	3943N	06437E	226		978.1	1003.3	29.0		9.4		0	0		0		
38696 SAMARKAND	3934N	06657E	724		923.7	1001.9	27.2	1.0	14.5	1.1	0	T	-4	0	362	91
38812 KARSHI	3848N	06543E	376		960.0	1001.2	29.8		15.1		0	0				
38927 TERMEZ	3714N	06716E	310		965.9	1000.0	30.0	.2	13.6	-1.6	0	0	0	0	403	105
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	855		911.1	1459 Y	28.6		10.9		0	0			392	
40357 ARAR	3054N	04108E	555		941.9	1000.8	33.6		13.3		0	0				
40360 GURIAT	3124N	03717E	509		948.8	1003.3	29.0		12.7							
40361 AL-JOUF	2947N	04006E	689		930.6	1001.9	32.8		8.3		0	0				
40362 RAFHA	2937N	04329E	449		952.1	999.8	34.0		11.0		0	0			363	
40373 AL-QAISUMAH	2819N	04608E	358		960.4	998.8	36.4		10.5		0	0				
40375 TABUK	2823N	03636E	778		921.4	1003.0	31.7		8.6		0	0			369	
40377 HAFR AL-BATIN	2755N	04531E	414		955.6	1000.1	35.4		11.6		0	0				
40394 HAIL	2726N	04141E	1015		896.2	1474 Y	32.8		8.9		0	0			120	
40400 AL-WEJH	2612N	03629E	24		1001.2	1003.9	30.3		30.4		0	0			359	
40405 GASSIM	2618N	04346E	648		931.7	1000.2	35.1		11.7		0	0				
40416 DHAHRAN	2616N	05010E	26		994.4	996.2	37.5	2.3	16.3	1.6	0	0	0			
40417 K.F.I.A. (KING FAHAD INT. AI	2627N	04949E	22		996.3	997.7	36.9		9.6		0	0				
40420 AL-AHSA	2518N	04929E	179		979.0	998.1	37.8		15.1		0	0				
40430 AL-MADINAH	2433N	03942E	654		932.9	999.9	36.7	.7	7.9	2.3	0	0	-1		286	
40437 KING KHALED INT. AIRPORT	2456N	04643E	614		943.7	999.8	35.6		8.0		0	0			315	
40438 RIYADH OBS. (O.A.P.)	2442N	04644E	635		934.6	1000.0	36.7	1.7	7.9	1.5	0	0	-1		269	
40439 YENBO	2408N	03804E	10		1001.3	1002.3	33.2		23.6		0	0				
41024 JEDDAH (KING ABDUL AZIZ INT.	2142N	03911E	17		1002.0	1003.5	33.3	.9	23.8	-1.1	0	0	-1		309	
41030 MAKKAH	2126N	03946E	240		976.4	1002.3	36.3		17.5		0	0				
41036 AL-TAIF	2129N	04033E	1478		852.8	1475 Y	29.3	.8	9.5	2.0	0	0	-3	2	323	
41055 AL-BAHA	2018N	04139E	1672		833.3	1471 Y	29.1		10.9		3	8			264	
41061 WADI AL-DAWASSER AIRPORT	2030N	04515E	629		932.8	998.2	36.5		11.5		0	0			303	
41084 BISHA	1959N	04238E	1167		880.0	1468 Y	33.8		10.6		0	0			284	
41112 ABHA	1814N	04239E	2093		792.9	1476 Y	24.0		12.9		4	11			197	
41114 KHAMIS MUSHAIT	1818N	04248E	2066		795.9	1472 Y	24.6		13.0		1	2			212	
41128 NAJRAN	1737N	04425E	1214		876.6	1484 Y	34.1		14.9		0	0			296	
41136 SHARORAH	1728N	04706E	725		924.5		35.7		10.4		1	7			304	
41140 GIZAN	1653N	04235E	7		1001.9	1002.7	34.8		30.4		0	0				
IRAN, ISLAMIC REPUBLIC OF																

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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.
40706 TABRIZ	3805N	04617E	1367		859.3	1000.7	27.1	1.1	11.8	1.1	0	0	-3		307	87
40712 ORUMIEH	3732N	04505E	1316		861.9	1001.5	24.6	.8	15.1	1.6	0	T	-4		358	98
40745 MASHHAD	3616N	05938E	999		897.0	1003.0	27.9	1.2	12.4	1.1	2	4	3		359	99
40754 TEHRAN-MEHRABAD	3541N	05119E	1204		874.2	996.6	32.0	1.2	12.8	2.8	0	0	-2		302	88
40766 KERMANSHAH	3416N	04707E	1322			997.8	28.6	.4	7.8	-1	0	0	-1		231	66
40800 ESFAHAN	3228N	05140E	1550		837.6	994.0	31.4	2.0	7.3	-1.6	0	0	-1		332	96
40841 KERMAN	3015N	05658E	1754		819.4	994.8	28.9	.0	6.0	-8	0	0	-1		387	118
AFGHANISTAN, ISLAMIC STATE OF																
40938 HERAT	3413N	06213E	964				31.5	1.7								
40948 KABUL AIRPORT	3433N	06913E	1791				26.6	1.6			0	0	-6			
40990 KANDAHAR AIRPORT	3130N	06551E	1010				32.6	.7			0	0	-2			
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		997.5	997.7	35.5	1.4	22.4	-9.4	0	0	0	5	289	87
QATAR																
41170 DOHA INTERNATIONAL AIRPORT	2515N	05134E	11		997.1	998.0	37.3	2.6	29.0	3.3	0	0	0		279	86
UNITED ARAB EMIRATES																
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		993.7	996.5	34.4	.1	30.1	1.9	0	0	-T	5	319	97
OMAN																
41288 MASIRAH	2040N	05854E	19		996.6	998.8	28.1		28.2		0	0		0		
PAKISTAN																
41515 DROSH	3534N	07147E	1465			1409 Y	29.6	-.4	11.6		2	4	-17	1		
41530 PESHAWAR	3401N	07135E	360		957.0	995.8	32.6	.4	25.8		4	18	-24	2		
41560 PARACHINAR	3352N	07005E	1726		820.9	1420 Y	24.6	.1	15.6		13	137	30	5		
41571 ISLAMABAD AIRPORT	3337N	07306E	508			996.6	31.8	2.1	22.7		7	58	-209	1		
41598 JHELUM	3256N	07343E	234		970.9	996.5	32.2	1.3	27.0		11	131	-106	1		
41600 SIALKOT	3230N	07432E	256		968.9	996.7	31.1	1.3	28.2		11	260	-28	3		
41620 ZHOB	3121N	06928E	1407		849.6	1401 Y	29.3	-2	16.1		6	99	51	5		
41624 DERA ISMAIL KHAN	3149N	07055E	173		976.9	995.6	32.9	.2	32.3		3	71	11	4		
41640 LAHORE CITY	3133N	07420E	215		973.2	996.7	32.1	.6	30.4		8	110	-92	1		
41660 QUETTA AIRPORT	3015N	06653E	1589		833.9	1417 Y	29.6	1.7	14.1		1	1	-11	3		
41675 MULTAN	3012N	07126E	123		982.5	996.7	34.1	.2	31.4		4	43	-18	3		
41685 BARKHAN	2953N	06943E	1098			1404 Y	29.3	-2	22.4		11	146	38	4		
41710 NOKKUNDI	2849N	06245E	683		922.0	992.8	37.1	1.3	7.2		0	0	-1	5		
41712 DAL BANDIN	2853N	06424E	850		904.3	1407 Y	36.8	2.6	10.9		0	0	-3	4		
41715 JACOBABAD	2818N	06828E	56		989.0	995.0	36.3	1.4	31.7		1	2	-34	2		
41718 KHANPUR	2839N	07041E	88		985.6	995.2	34.0	.4	32.0		3	49	22	5		

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.
41739 PANJGUR	2658N	06406E	981		891.8	1417 Y	33.8	2.1	14.9		0	0	-25	2		
41744 KHUZDAR	2750N	06638E	1232				31.2	.9	20.4		4	29	-18	3		
41749 NAWABSHAH	2615N	06822E	38		992.2	995.2	34.1	.1	31.8		4	75	24	4		
41756 JIWANI	2504N	06148E	57		991.1	997.3	30.8	.8	34.3		0	0	-7	4		
41759 PASNI	2516N	06329E	6		997.8	998.3	30.7		36.1		1	2	-3	4		
41768 CHHOR	2531N	06947E	6		996.0	996.6	31.9	.4	32.8		7	172	93	5		
41780 KARACHI AIRPORT	2454N	06708E	22		995.7	998.4	30.9	.6	34.1		4	160	75	4		
INDIA																
42027 SRINAGAR	3405N	07450E	1587		834.1	1418 Y	23.4	-.7	17.5		4	21	-41	1	243	
42147 MUKTESHWAR KUMAON	2928N	07939E	2311				18.3	1.1	17.6		6	75	-238	0		
42165 BIKANER	2800N	07318E	224		971.0	995.3	33.7	.9	27.6		8	157	51	5		
42314 DIBRUGARH /MOHANBARI	2729N	09501E	111		988.0	1000.3	28.7	1.0	32.3		24	382	-164	1	122	
42339 JODHPUR	2618N	07301E	224		972.5	996.5	32.6		28.3		6	132		3		
42404 DHUBRI	2601N	08959E	36		996.2	1000.1	29.9		35.1		15	189		1		
42410 GUWAHATI	2606N	09135E	54		993.3	999.3	30.2	1.7	33.9		20	388	11	4		
42452 KOTA AERODROME	2509N	07551E	274		967.2	997.1	30.4	.5	28.8		9	309	50	4		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		986.2	996.9	31.3	1.4	34.0		8	111	-154	3	85	59
42515 CHERRAPUNJI	2515N	09144E	1313		862.1	1442 Y	21.3	1.2	23.4		28	2513	-759	3		
42619 SILCHAR	2445N	09248E	29		996.7	999.9	29.9		35.0		21	379		0		
42647 AHMADABAD	2304N	07238E	55		993.2	999.1	30.3	.8	31.9		14	303	56	4	98	75
42671 SAGAR	2351N	07845E	551		938.2	998.3	27.5	.8	29.4		16	240	-110	2		
42731 DWARKA	2222N	06905E	11		998.3	999.6	29.0	-.2	34.8		13	494	397			
42754 INDORE	2243N	07548E	567		937.1	998.9	26.5	.0	28.2		16	408	129	5	89	86
42807 CALCUTTA/ALIPORE	2232N	08820E	6		997.5	998.2	29.5	.3	34.9		24	388	-23	3	90	97
42867 NAGPUR SONEGAON	2106N	07903E	310		965.6	999.9	27.7	-.2	30.8		22	393	103	4	89	77
42909 VERAVAL	2054N	07022E	8		999.5	1000.4	28.2	-.2	34.4		19	1532	1303	6		
42933 AKOLA	2042N	07702E	282		968.7	999.7	28.3	.0	29.0		19	219	-3	3		
42971 BHUBANESHWAR	2015N	08550E	46		993.7	998.9	28.4	-.3	33.9		21	488	171	5	48	45
43041 JAGDALPUR	1905N	08202E	553		941.2	1001.7	25.4	-.3	28.1		22	484	132	5		
43057 BOMBAY / COLABA	1854N	07249E	11		1001.7	1002.9	27.7	.0	35.3		27	771	89	3	32	44
43063 PUNE	1832N	07351E	559		941.3	1002.7	25.5	.2	25.2		21	270	107	5	74	62
43128 HYDERABAD AIRPORT	1727N	07828E	545		943.1	1002.1	27.5	.5	24.8		8	55	-100	1	133	94
43150 CWC VISHAKHAPATNAM/WALTAIR	1742N	08318E	66		993.5	1000.9	28.4		31.1		14	96			62	50
43185 MACHILIPATNAM/FRANCPET	1612N	08109E	3		1001.7	1001.9	31.1	1.4	29.4		12	71	-100	1	119	
43192 GOA/PANJIM	1529N	07349E	60		999.2	1005.9	26.8	.1	32.2		30	1180	327	5	66	63
43198 BELGAUM/SAMBRE	1551N	07437E	758		923.4	1005.1	22.9	-.3	24.9		30	434	210	5		
43279 CHENNAI/MINAMBAKKAM	1300N	08011E	16		1003.1	1004.8	32.7	2.0	24.7		7	68	-53	2	147	79
43284 BAJPE	1255N	07453E	102		996.5	1008.0	25.9		30.1		30	1631			57	90
43295 BANGALORE	1258N	07735E	921		906.2	1476 Y	24.0	.1	21.5		6	18	-88	0	50	45
43314 KOZHICODE	1115N	07547E	5		1008.9	1009.5	26.2	.2	30.9		30	1464	694	5		
43333 PORT BLAIR	1140N	09243E	79		998.7	1007.6	27.5	1.4	32.0		22	179	-221	1	63	57
43363 PAMBAN	0916N	07918E	11		1005.4	1006.7	30.0	.1	35.4		01	1	-17	3		
43369 MINICOY	0818N	07309E	2		1009.4	1009.6	28.1	.3	32.6		16	177	-53	2	167	97
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1002.3	1009.6	27.0	.5	29.9		17	210	35	3	112	75

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
SRI LANKA																
43424 PUTTALAM	0802N	07950E	2		1007.5	1007.9	28.6	.1	31.7	2.5	3	7	-9			
43441 KURUNEGALA	0728N	08022E	116		995.8	1008.7	27.4	.1	27.4	-1	6	76	-38			
43466 COLOMBO	0654N	07952E	7		1008.1	1009.3	27.9	.3	30.5	1.0	13	114	-11		226	112
43473 NUWARA ELIYA	0658N	08046E	1880		812.5		15.4	-.3	15.6	.0	20	94	-80			
43497 HAMBANTOTA	0607N	08108E	20		1006.5	1008.3	28.3	.7	31.6	3.5	5	25	-23			
MALDIVES																
43555 MALE	0412N	07332E	2				28.7	2.6			12	276			245	108
MONGOLIA																
44203 RINCHINHUMBE	5107N	09940E	1583		834.9	1005.4	14.0	1.4	10.7	.9	15	62	-16	2		
44207 HATGAL	5026N	10000E	1669		826.9	1006.6	12.2	.6	9.4	.0	13	72	-11	3		
44212 ULAANGOM	4948N	09205E	940		900.5	1003.1	20.3	1.4	10.0	-2.1	4	12	-23	1	303	99
44213 BARUUNTURUUN	4939N	09424E	1232		869.9	1003.5	18.5	1.4	9.9	-1.8	5	35	-19	2		
44214 ULGI	4856N	08956E	1716		821.6	1003.3	17.6	1.3	6.8	-4.0	6	16	-18	1		
44215 OMNO-GOBI	4901N	09143E	1590		834.0	1002.2	17.4	1.2	9.2	-1.5	6	46	2	3		
44218 HOVD	4801N	09134E	1406		852.6	1002.6	19.9	1.3	8.1	-3.1	7	27	-8	3	255	84
44225 TOSONTSENGEL	4844N	09812E	1724		821.8	1004.4	15.6	1.8	9.2	-8	11	49	-11	2		
44230 TARIALAN	4934N	10200E	1236		871.7	1006.7	16.9	.9	13.1	.8	13	113	9	4		
44231 MUREN	4938N	10010E	1285		864.5	1003.1	17.8	1.6	10.8	-8	8	50	-9	2	251	92
44232 HUTAG	4923N	10240E	938		899.8	1004.4	18.3	.9	14.2	.7	11	120	17	4		
44237 ERDENEMANDAL	4832N	10120E	1510		841.8	1003.1	16.1	1.5	11.3	-1.0	10	69	-20	2		
44239 BULGAN	4848N	10330E	1209		871.2	1002.2	17.3	1.4	12.1	-3	10	63	-8	1		
44241 BARUUNHARAA	4855N	10600E	811		915.2	1004.4	20.2	2.0	13.6	.3	10	70	8	3		
44256 DASHBALBAR	4933N	11420E	706		923.4	1002.1	19.8	1.2	17.1	3.1	9	54	-58	1		
44259 CHOIBALSAN	4805N	11430E	747		919.9	1002.5	21.4	1.6	12.8	-1.6	4	26	-31	1		
44265 BAITAG	4607N	09128E	1186		875.2	1002.1	21.3	.4	10.2	-2.0	2	20	6	4		
44272 ULIASTAI	4745N	09651E	1761		816.1	999.6	17.0	2.0	10.8	1.2	7	48	-6	2	272	93
44275 BAYANBULAG	4650N	09805E	2255		770.8	1001.8	14.6	2.7	9.6	.6	2	15	-17	1		
44277 ALTAI	4624N	09615E	2182		778.3		15.8	2.1	6.1	-2.2	3	10	-38	1		
44282 TSETSERLEG	4727N	10120E	1693		824.1	1003.7	16.2	1.9	9.9	-1.0	13	76	1	2		
44284 GALUUT	4642N	10000E	2126		783.0		15.9	2.9	7.4	-1.3	8	51	-8	2		
44285 HUIJRT	4654N	10240E	1662		827.2	1005.6	16.8	2.3	10.3	-9	12	56	-4	2		
44287 BAYANHONGOR	4608N	10040E	1860		807.8	1001.1	18.4	2.2	7.8	-2.8	9	42	-14	2	318	103
44288 ARVAIHER	4616N	10240E	1813		812.6	1002.0	17.6	2.3	8.3	-2.3	12	62	2	2		
44292 ULAANBAATAR	4755N	10650E	1307		862.8	1003.6	19.3	2.7	11.8	.2	12	116	59	5	224	90
44294 MAANTI	4718N	10720E	1430		850.5	1002.7	17.7	1.5	11.0	-1.5	8	89	31	4		
44298 CHOIR	4627N	10810E	1287		863.9	1001.5	20.1	1.5	13.7	.1	5	53	-2	3		
44302 BAYAN-OVOO	4747N	11200E	926		904.6	1007.4	19.8	1.0	14.3	.6	6	38	-41	1		
44304 UNDERKHAAN	4719N	11030E	1035		889.8	1001.0	19.8	1.3	13.3	.4	10	95	30	5		
44305 BARUUN-URT	4641N	11310E	982		895.3	1002.4	21.4	1.4	11.8	-2.0	6	33	-28	2		
44313 KHALKH-GOL	4737N	11830E	689		926.6	1003.4	19.8	-.2	16.7	1.3	8	94	-1	3		
44314 MATAD	4710N	11530E	907		904.1	1004.1	19.8	-.7	13.8	.1	7	63	22	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.
44317 ERDENETSAGAAN	4554N	11520E	1076		886.4	1003.2	19.8		14.0		7	59		2		
44336 SAIKHAN-OVOO	4527N	10350E	1317		860.6	1001.9	22.8	2.7	9.0	-2.6	6	11	-27	1		
44341 MANDALGOBI	4546N	10610E	1396		853.1	1001.2	20.9	2.2	9.4	-2.2	7	22	-17	1		
44347 TSOGT-OVOO	4425N	10510E	1298		862.5	998.8	23.6	2.2	12.7	-2	1	3	-24	1		
44352 BAYANDELGER	4544N	11220E	1101		882.9	1001.4	20.9	.4	14.5	.5	5	44	-11	3		
44354 SAINSHAND	4454N	11000E	938		899.2	997.5	25.3	2.6	14.1	-5	5	31	0	3		
44358 ZAMYN-UUD	4344N	11150E	965		896.8	1000.8	24.4	1.6	10.9	-3.7	1	8	-20	1		
44373 DALANZADGAD	4335N	10420E	1465		846.1	999.2	23.6	2.6	7.7	-4.2	3	12	-20	1	317	105
HONG KONG, CHINA																
45004 KOWLOON	2219N	11410E	66		997.7	1005.1	28.8	-2	32.0	.5	20	395	68	4	197	85
MACAO, CHINA																
45011 TAIPA GRANDE	2210N	11330E	114		992.0	1004.8	28.1		27.2		11	229		2	238	105
DPR KOREA																
47014 CHUNGGANG	4147N	12650E	331		968.3	1005.6	21.1	-1.5	19.4		18	195	2	4	124	30
47016 HYESAN	4124N	12810E	715		926.2	1009.0	19.0	-1.7	17.4		17	188	53	6	136	70
47025 KIMCHAEK	4040N	12910E	23		1001.5	1004.2	19.1	-1.0	19.8		7	144	24	3	151	105
47035 SINUIJU	4006N	12420E	7		1004.2	1005.0	23.1	-6	24.0		8	218	-85	4	152	90
47055 WONSAN	3911N	12720E	36		1001.7	1005.9	21.6	-9	21.6		9	403	99	1	138	85
47058 PYONGYANG	3902N	12540E	36		1001.3	1005.7	23.5	-7	23.6		9	477	196	5	159	90
47069 HAEJU	3802N	12540E	81		995.7	1004.9	23.5	-1	24.0		9	274	-70	2	147	100
REPUBLIC OF KOREA																
47101 CHUNCHEON	3754N	12740E	78		996.5	1005.3	23.8	-5	22.2	-1.8	11	628	281	5	160	107
47105 GANGNEUNG	3745N	12850E	26		1002.5	1005.5	22.8	-1.1	21.6	-2.0	13	405	188	5	114	79
47108 SEOUL	3734N	12650E	86		995.3	1004.9	24.3	-3	22.6	-2.4	14	659	290	6	116	96
47115 ULLEUNGDO	3729N	13050E	221		980.6	1005.6	20.8	-1.5	21.8	-1.4	15	301	178	5	83	55
47133 DAEJEON	3622N	12720E	72		997.8	1004.9	22.9	-2.1	21.0	-4.7	16	429	113	5	124	77
47138 POHANG	3602N	12920E	4		1005.9	1006.0	23.4	-1.3	23.9	-6	12	340	145	5	104	65
47159 BUSAN	3506N	12900E	70		998.5	1006.3	23.3	-7	23.9	-1.6	16	886	630	6	84	51
47165 MOKPO	3449N	12620E	39		1001.6	1005.8	23.6	-1.1	26.2	-4	15	466	256	5	123	78
47168 YEOSU	3444N	12740E	67		998.8	1007.1	23.6	-6	24.6	-1.1	15	481	221	5	113	69
47184 JEJU	3331N	12630E	23		1003.8	1006.1	25.8	.2	23.5	-3.4	12	201	-29	3	154	74
JAPAN																
47401 WAKKANAI	4525N	14140E	12		1006.0	1007.4	14.8	-2.0	15.3	-1.3	12	122	29	5	87	58
47407 ASAHIKAWA	4345N	14220E	140		990.2	1006.5	18.9	-1.5	17.8	-6	18	305	209	5	108	61
47409 ABASHIRI	4401N	14410E	44		1002.5	1007.6	15.2	-1.9	14.7	-2.0	15	210	134	6	99	56
47412 SAPPORO	4304N	14120E	26		1003.4	1006.4	19.7	-5	18.2	-3	13	188	120	5	83	46
47418 KUSHIRO	4259N	14420E	40		1002.8	1007.5	15.2	-1	15.0	-7	16	279	169	6	121	105
47420 NEMURO	4320N	14530E	39		1003.1	1007.8	13.4	-8	13.4	-1.7	17	337	235	6	123	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.
47421 SUTTSU	4248N	14010E	38		1002.4	1006.5	18.4	-2	18.6	-1	12	185	87	5	86	51
47426 URAKAWA	4210N	14240E	37		1002.7	1007.0	16.8	-4	18.5	.6	15	378	241	6	110	83
47430 HAKODATE	4149N	14040E	44		1001.5	1006.6	19.6	.3	18.7	-4	16	334	220	6	94	64
47570 WAKAMATSU	3729N	13950E	217		982.9	1007.5	22.9	-5	23.1	.5	20	189	31	4	82	50
47575 AOMORI	4049N	14040E	4		1006.1	1006.6	20.8	-1	20.3	-1	14	259	159	5	125	70
47582 AKITA	3943N	14000E	22		1004.5	1007.0	22.4	-2	22.4	.3	18	328	142	5	99	57
47590 SENDAI	3816N	14050E	44		1002.5	1007.6	22.7	.7	22.5	.2	16	131	-19	3	105	85
47600 WAJIMA	3724N	13650E	15		1005.3	1007.0	23.1	-6	22.9	-1.2	17	431	239	6	59	33
47605 KANAZAWA	3635N	13630E	34		1003.3	1007.1	24.9	-3	22.8	-2.1	16	447	197	5	88	53
47624 MAEBASHI	3624N	13900E	114		994.3	1007.3	25.4	1.0	23.0	-9	18	160	-12	2	95	77
47636 NAGOYA	3510N	13650E	56		1001.6	1008.0	26.4	.6	24.8	-6	17	254	42	4	95	61
47648 CHOSHI	3544N	14050E	28		1004.9	1008.1	22.9	.3	24.9	.3	6	49	-51	1	126	77
47655 OMAEZAKI	3436N	13810E	47		1003.1	1008.5	24.3	-2	28.0	1.0	15	161	-61	2	101	57
47662 TOKYO	3541N	13940E	36		1003.3	1007.4	26.3	1.1	24.5	.3	14	79	-47	1	104	76
47675 OSHIMA	3445N	13920E	80		999.5	1008.6	24.2	1.2	26.8	1.4	13	299	87	4	78	61
47678 HACHIOJIMA	3307N	13940E	156		992.4	1010.1	24.9	-2	29.9	1.8	11	141	-48	3	67	45
47740 SAIGO	3612N	13320E	32		1003.1	1006.8	23.5	-6	24.0	-1.3	16	284	89	4	76	41
47741 MATSUE	3527N	13300E	23		1004.3	1006.9	24.7	-5	24.8	-1.7	16	318	50	4	67	36
47746 TOTTORI	3529N	13410E	16		1005.3	1007.1	25.4	-1	24.5	-1.0	16	239	37	3	79	44
47750 MAIZURU	3527N	13510E	23		1004.9	1007.5	25.3	.1	26.1	1.2	15	149	-20	2	55	34
47772 OSAKA	3441N	13530E	83		998.2	1007.6	27.3	.3	25.5	.2	16	162	6	4	134	73
47778 SHIONOMISAKI	3327N	13540E	76		1000.1	1008.7	25.4	.2	29.9	2.0	18	615	330	5	125	67
47800 IZUHARA	3412N	12910E	19		1004.7	1006.9	24.6	-2	26.5	-2	17	729	387	5	68	51
47807 FUKUOKA	3335N	13020E	15		1005.4	1007.1	26.8	-1	25.2	-1.6	13	620	363	5	87	49
47815 OITA	3314N	13130E	13		1005.9	1007.4	26.1	.0	25.3	-1.4	14	229	-11	4	116	64
47817 NAGASAKI	3244N	12950E	36		1003.6	1007.7	26.3	-3	27.6	-5	13	415	82	4	104	57
47827 KAGOSHIMA	3133N	13030E	32		1004.9	1008.5	27.8	.4	27.9	-6	11	130	-173	1	141	75
47830 MIYAZAKI	3156N	13120E	15		1006.3	1008.0	27.1	.2	27.5	-1.0	9	95	-193	1	158	74
47843 FUKUE	3242N	12850E	27		1004.3	1007.3	26.1	.4	28.6	-1	11	336	23	4	91	56
47887 MATSUYAMA	3351N	13240E	34		1003.6	1007.5	26.6	.2	24.3	-1.1	14	330	181	5	118	61
47891 TAKAMATSU	3419N	13400E	14		1005.9	1007.5	26.7	.4	26.1	-5	10	190	61	4	121	58
47909 NAZE	2823N	12930E	8		1008.3	1009.2	28.9	.5	29.5	-4	10	126	-94	2	201	90
47918 ISHIGAKIJIMA	2420N	12410E	11		1006.1	1007.8	29.7	.5	31.4	-8	5	51	-130	2	275	103
47927 MIYAKOJIMA	2448N	12510E	42		1003.6	1008.3	28.9	.6	31.6	.2	11	198	36	4	236	90
47936 NAHA	2612N	12740E	28		1003.4	1009.0	29.2	.9	31.1	.2	5	62	-128	2	254	98
47945 MINAMIDAITOJIMA	2550N	13110E	21		1007.9	1010.2	29.1	1.0	31.6	.4	2	12	-115	1	313	119
47971 CHICHIIJIMA	2706N	14210E	8		1011.3	1012.2	28.1	.9	32.0	2.2	12	150	80	5	239	98
47991 MINAMITORISHIMA	2417N	15350E	9		1012.2	1013.2	28.2	.2	29.9	.4	12	152	-30		237	89
THAILAND																
48327 CHIANG MAI	1847N	09859E	314		970.4	1005.3	27.8	.8	28.4	.5	12	124	-37	3	112	73
48354 UDON THANI	1723N	10240E	178		984.3	1004.3	28.0	.1	30.0	.4	21	297	75	5		
48378 PHITSANULOK	1647N	10010E	46		1000.6	1005.8	28.1	.0	31.3	1.5	18	189	-1	3	126	71
48400 NAKHON SAWAN	1548N	10010E	35		1001.7	1005.7	28.5	-4	31.1	1.4	13	192	58	4	119	67
48431 NAKHON RATCHASIMA	1458N	10200E	187		984.5	1005.5	28.8	.9	28.8	.8	7	135	13	3		
48455 BANGKOK	1344N	10030E	4		1006.6	1007.1	28.9	.6	30.0	.1	11	173	18	4	116	68

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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.
48462 ARANYAPRATHET	1342N	10230E	49		1001.6	1007.2	28.5	.9	30.0	.0	11	59	-123	0		
48480 CHANTHA BURI	1237N	10200E	4		1007.2	1007.6	27.8	.7	30.9	.3	22	543	103	4	122	87
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1007.0	1007.7	27.5	-.3	30.2	1.6	17	211	122	5		
48517 CHUMPHON	1029N	09911E	6		1008.0	1008.7	27.2	.2	29.8	.5	19	244	70	5		
48568 SONGKHLA	0712N	10030E	7		1008.1	1008.8	28.7	.4	28.8	-.2	11	64	-31	2	195	91
LAO PDR																
48930 LUANG-PRABANG	1953N	10200E	305		970.0	1004.2	27.1	.1	30.0	-.6	20	371	143	5	108	86
48938 SAYABOURY	1914N	10140E	326		970.8	1003.5	27.8		30.0		20	189		3	108	
48940 VIENTIANE	1757N	10230E	171		985.0	1004.2	27.8	.3	30.8	.7	22	338	73	4	137	93
48946 THAKHEK	1723N	10430E	152		985.7	1004.8	27.9		31.5		20	550			126	
48947 SAVANNAKHET	1633N	10430E	145		989.5	1005.8	27.2	.2	30.3	1.6	17	167	-47	3	134	
48948 SENO	1640N	10500E	185		984.9	1003.9	26.9		32.2		20	207		3	138	
48955 PAKSE	1507N	10510E	102		994.9	1005.8	27.6	.9	29.9	.3	25	612	229	5	126	87
CHINA																
50527 HAILAR	4913N	11940E	611		934.2	1003.0	19.4	-.3	14.4	-1.6	7	67	-36	1	228	79
50745 QIQIHAR	4723N	12350E	148		985.7	1002.8	22.9	.1	18.6	-1.4	7	53	-84	1	303	113
51076 ALTAY	4744N	08805E	737		922.4	1004.2	21.4	-.6	11.7	-.7	2	10	-12	2	348	102
51431 YINING	4357N	08120E	664		931.6	1005.3	23.2	.4	11.8	-3.1	3	27	4	4	325	101
51463 WU LU MU QI	4348N	08739E	947		902.6	1004.5	23.7		10.0		3	11		1	329	110
51709 KASHI	3928N	07559E	1291		863.5	999.0	26.2	.5	9.3	-2.9	2	5	-2	3	359	115
51777 RUOQIANG	3902N	08810E	889		903.1	998.5	27.1	-.1	12.9	1.1	2	11	1	4	294	97
51828 HOTAN	3708N	07956E	1375		854.6	998.0	26.9	1.5	9.7	-3.0	0	T	-5	1	271	112
52203 HAMI	4249N	09331E	739		918.3	998.3	27.0	.4	11.8	-.3	2	5	-1	3	373	110
52533 JIUQUAN	3946N	09829E	1478		844.7	999.9	22.7	1.3	13.4	.3	2	17	-2	3	237	84
52836 DOULAN	3618N	09806E	3190		690.3		14.8	.1	9.3	1.9	8	107	71	6	201	74
53068 ERENHOT	4339N	11200E	966		896.7	1000.9	25.0	2.0	10.7	-1.7	1	8	-28	0	328	103
53614 YINCHUAN	3828N	10610E	1112		881.7	1000.5	24.8	1.5	14.4	-3.3	1	14	-28	0	283	99
53772 TAIYUAN	3747N	11230E	779		917.9	1003.1	25.0	1.7	18.9	-1.7	5	155	35	5	228	97
54292 YANJI	4252N	12930E	178		975.0	1004.9	19.5	-1.7	18.1	-2.0	10	83	-21	2	164	92
54342 SHENYANG	4144N	12331E	43		997.9	1003.6	23.1	-1.4	22.5	-1.3	11	122	-44	2	217	101
54511 BEIJING	3956N	11610E	55		999.1	1002.8	27.0	1.1	23.1	-2.0	11	197	22	3	185	83
54857 QINGDAO	3604N	12020E	77		996.2	1004.9	23.8	.0	25.8	-.6	13	259	82	5	192	105
55591 LHASA	2940N	09108E	3650		651.9		19.6	4.3	8.8	-1.9	6	81	-38	2	255	112
56137 QAMDO	3109N	09710E	3307		679.8	991.1	18.5	2.3	11.1	-.1	15	98	-4	4	184	93
56571 XICHANG	2754N	10210E	1599		834.1		23.0	.4	19.3	-.8	13	260	50	4	117	64
56739 TENGCHONG	2507N	09829E	1649		829.6		20.5	1.0	19.5	-.8	24	212	-66	1	82	112
56778 KUNMING	2501N	10240E	1892		806.7		21.3	1.6	19.3	.3	10	91	-113	1	93	66
56985 MENGZI	2323N	10320E	1302		863.6	1001.4	24.2		21.5		15	117		2	126	90
57083 ZHENGZHOU	3443N	11330E	111		990.3	1003.0	27.9	.8	26.0	-1.0	8	125	-21	3	156	73
57461 YICHANG	3042N	11110E	134		987.6	1002.8	28.5	.6	28.6	-1.0	11	257	47	4	153	74
57745 ZHIJIANG	2727N	10940E	273		972.6	1003.3	26.8	-.6	25.5	-2.9	10	159	41	4	173	69
57993 GANZHOU	2552N	11500E	138		988.8	1004.3	29.7	.2	26.3	-2.2	8	214	118	5	255	93
58362 SHANGHAI	3124N	12120E	8		1003.9	1004.7	28.8		27.9		12	217		4	188	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.
58606 NANCHANG	2836N	11550E	50		998.6	1004.0	29.7	.2	28.3	-2.6	8	142	20	4	239	91
59287 GUANGZHOU	2310N	11320E	42		1000.1	1004.8	29.6	1.1	29.6	-2.2	14	222	-5	3	186	85
59316 SHANTOU	2324N	11640E	3		1005.2	1005.6	29.0	.8	31.7	-.2	16	187	-19	2	238	96
59431 NANNING	2238N	10810E	126		989.3	1003.2	28.3	-1	30.1	-1.0	15	241	40	4	208	95
59758 HAIKOU	2002N	11020E	24		996.2	1003.5	28.3	-1	30.6	-1.0	14	242	32	4	222	85
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	58		1013.6	1020.4	23.1	2.0	19.4	.1	0	T	-2	3	223	98
SPAIN (CANARY ISLANDS)																
60001 HIERRO/AEROPUERTO	2749N	01753W	32		1014.3	1018.0	24.4		21.2		0	T			250	115
60005 LA PALMA/AEROPUERTO	2837N	01745W	31		1015.3	1018.9	25.2		21.1		0	T			248	
60010 IZANA	2819N	01630W	2371		775.4		19.8		5.2		0	0		5		
60020 STA. CRUZ DE TENERIFE	2827N	01615W	36		1012.8	1017.1	27.0	2.5	20.1	2.9	0	0	0	5	349	105
60030 LAS PALMAS DE GRAN CANARIA/G	2756N	01523W	47		1010.1	1015.5	25.1	1.8	18.5	-6	0	0	-1	5	284	97
60035 FUERTEVENTURA/AEROPUERTO	2827N	01352W	30		1012.5	1015.9	26.4		21.2		0	0			315	110
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1013.4	1015.8	27.0	3.3	19.9	.6	0	0	0	5	349	124
MOROCCO																
60101 TANGER (AERODROME)	3544N	00554W	21		1014.8	1017.3	23.9	.4	19.2		0	0	-2	0	359	105
60115 OUJDA	3447N	00156W	470		963.4	1015.0	28.4	3.6	13.4		1	1	-1	3	390	135
60120 KENITRA	3418N	00636W	14		1015.3	1017.0	24.7	1.7	22.4		0	0	-1	3	357	105
60135 RABAT-SALE	3403N	00646W	84		1008.3	1017.0	23.1	.9	19.3		0	0	-1	0	350	80
60150 MEKNES	3353N	00532W	576		953.7	1015.8	27.2	2.0	14.0		2	6	4	6	335	95
60155 CASABLANCA	3334N	00740W	57		1009.9	1016.6	23.7	1.3	23.3		0	T	-1	2	334	75
60230 MARRAKECH	3137N	00802W	468		962.6	1014.1	30.8	2.5	13.9		0	0	-1	2	339	100
60265 OUARZAZATE	3056N	00654W	1140		890.6	1559 Y	31.7	2.2	6.6		2	5	4	5	299	70
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1009.6	1015.8	27.5	3.0	22.3	1.1	0	0	-1	3	364	134
ALGERIA																
60351 JIJEL-ACHOUAT	3648N	00553E	10		1014.0	1015.3	27.4		24.2		1	1			345	80
60353 JIJEL-PORT	3649N	00553E	6		1015.6		27.6		26.4		1	1			349	75
60360 ANNABA	3650N	00749E	4		1015.3	1016.3	26.0	1.7	23.5		2	2	0	2	367	80
60367 EL-KALA	3654N	00827E	13		1015.6	1017.1	27.4		25.5		0	0				
60369 ALGER-PORT	3646N	00306E	12		1014.6	1015.4	27.4		22.0		2	4		4		
60387 DELLYS	3655N	00357E	8		1014.0	1014.6	26.4		23.8		0	0			344	
60390 DAR-EL-BEIDA	3641N	00313E	29		1012.4	1015.7	27.6	3.0	23.9		01	1	-3	4	344	75

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
60395 TIZI-OUZOU	3642N	00403E	189		997.2	1014.5	29.6		21.2		1	3			344	95
60401 BEJAIA-PORT	3645N	00506E	4		1014.9	1015.4	28.2		24.4		0	T				
60402 BEJAIA-AEROPORT	3643N	00504E	3		1015.2	1015.9	26.5	2.5	24.6		2	4	-1	4	321	70
60403 GUELMA	3628N	00728E	228		990.3	1017.9	28.5		18.5		2	8			361	
60405 BOUCHEGOUF	3630N	00743E	111		1003.1	1015.9	29.2		20.1		0	0				
60410 TENES	3630N	00120E	18		1015.3	1017.4	26.9		24.6		0	0		0		
60415 AIN-BESSAM	3619N	00332E	748		933.1	1571 Y	29.3		14.4		0	T			355	80
60417 BOUIRA	3623N	00353E	560		952.7	1013.9	29.9		16.8		0	T			333	105
60419 CONSTANTINE	3617N	00637E	694		939.4	1014.8	28.3	3.1	15.9		2	2	-6	2	348	75
60421 OUM EL BOUAGHI	3552N	00707E	891		917.4	1563 Y	28.2		13.9		2	5			326	
60423 SOUK AHRAS	3617N	00758E	680		924.7	1562 Y	27.7		16.1		1	4			362	
60425 CHLEF	3613N	00120E	144		996.4	1014.7	31.4	2.4	16.2		0	0	-1	3	353	
60430 MILIANA	3618N	00214E	721		936.7	1014.8	29.4	2.8	16.5		1	6	1	4	366	
60437 MEDEA	3617N	00244E	1036		900.9	1546 Y	28.1		14.8		2	9			364	
60444 BORDJ-BOU-ARRERIDJ	3604N	00446E	930			1572 Y	29.5		14.8		2	25			353	
60445 SETIF	3611N	00515E	1040		905.6	1567 Y	27.9		12.9		1	3			337	
60452 ARZEW	3549N	00016W	4		1015.0	1015.5	27.2		21.7		0	0			328	75
60457 MOSTAGANEM	3553N	00007E	138		999.3	1015.3	26.4		21.0		0	0			349	
60461 ORAN-PORT	3542N	00039W	22		1013.2	1015.6	25.7		23.5		0	0				
60467 M'SILA	3540N	00430E	442		965.0	1013.0	33.9		14.7		0	T			329	75
60468 BATNA	3545N	00619E	826		924.9	1567 Y	28.7	3.8	12.5		4	7	0	5	346	
60471 BARIKA	3520N	00520E	461		963.6	1013.9	33.0		15.0		2	6			344	80
60475 TEBESSA	3525N	00807E	823		925.8	1570 Y	28.7	3.3	15.0		3	23	12	5	345	75
60476 KHENCHELLA	3528N	00705E	987		908.2	1568 Y	28.3		17.5		3	21			261	
60490 ORAN-SENIA	3538N	00036W	91		1005.0	1015.4	27.0	2.2	21.4		0	0	-1	2	363	85
60511 TIARET	3521N	00128E	978		908.6	1561 Y	28.4		11.7		1	1			346	80
60514 KSAR CHELLALA	3510N	00219E	801		928.6	1581 Y	31.1		11.4		2	6			318	75
60515 BOU-SAADA	3520N	00412E	461		964.6	1014.8	34.3		15.3		4	6			319	
60517 GHAZAOUET	3506N	00152W	5		1015.7	1016.2	26.8		21.3		0	0				
60518 BENI-SAF	3518N	00121W	70		1006.3	1014.3	27.2		25.3		0	0			356	80
60520 SIDI-BEL-ABBES	3512N	00037W	476		960.7	1014.5	28.1		13.0		0	0			355	
60522 MAGHNIA	3449N	00147W	428		968.0	1015.4	28.6		13.3						352	
60525 BISKRA	3448N	00544E	89		1003.3	1013.1	35.9	2.7	14.2		2	4	3	4	63	
60531 TLEMCEN-ZENATA	3501N	00128W	247			1015.9	27.0		18.5		0	0			344	80
60535 DJELFA	3420N	00323E	1185		887.6	1566 Y	28.4	2.7	12.4		4	15	6	5	297	70
60536 SAIDA	3452N	00009E	752		932.2	1563 Y	29.3		12.9		1	2			335	
60540 EL-KHEITER	3409N	00004E	1001		904.2	1529 Y	29.7		10.3		4	15			329	75
60545 LAGHOUAT	3346N	00256E	763		931.1	1560 Y	32.7		13.5		1	30		1	272	65
60549 MECHERIA	3335N	00017W	1150		894.1	1570 Y	29.8		10.2		4	8			312	70
60550 EL-BAYADH	3340N	00100E	1347		871.7	1571 Y	29.0		9.2		3	7			335	
60555 TOUGGOURT	3307N	00608E	92		1003.6	1013.8	35.2		17.4		0	0			362	
60557 NAAMA	3316N	00018W	1166		889.1	1565 Y	30.0		9.1		1	2			315	
60559 EL-OUED	3330N	00647E	69		1005.9	1013.5	35.4	2.9	15.1		0	0	-1	4	356	
60560 AIN-SEFRA	3246N	00036W	1059		897.8	1550 Y	31.2		13.3		1	4			307	
60563 HASSIR'MEL	3256N	00317E	764		930.7	1578 Y	33.6		14.2		0	0			344	75
60566 GHARDAIA	3224N	00348E	469		962.4	1013.2	35.9	3.2	11.9		1	3	2	5	349	

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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.
60571 BECHAR	3130N	00215W	816		925.5	1571 Y	35.1	2.1	11.8		1	4	3	5	335	75
60580 OUARGLA	3156N	00524E	148		996.2	1012.4	37.1		15.3		0	0			337	
60581 HASSI-MESSAOUD	3140N	00609E	144		996.6	1012.4	36.8	2.9	13.2		0	0	-1	5	355	
60590 EL-GOLEA	3034N	00252E	403		968.7	1012.3	36.1	3.5	13.3		0	0	-1	5		
60602 BENI-ABBES	3008N	00210W	505		955.9	1009.8	37.8	2.9	8.6		0	0	-1	4	316	
60607 TIMMOUN	2915N	00017E	317		975.4	1010.5	37.9	2.6	8.8		0	0	0	5	329	
60620 ADRAR	2753N	00011W	283		978.4	1009.0	38.6	2.6	6.8		0	0	0	5	329	
60630 IN-SALAH	2714N	00230E	269		979.5	1008.6	38.9	1.9	8.9		0	T	T	5	350	95
60640 ILLIZI	2630N	00825E	544		951.1	1009.7	35.0		13.5		0	0			293	
60656 TINDOUF	2742N	00810W	443		960.2	1008.3	36.4		10.8		0	0			352	
60670 DJANET	2416N	00928E	970		906.6	1543 Y	32.2	1.1	7.5		0	0	-1	5	384	105
60680 TAMANRASSET	2248N	00526E	1364		865.2	1534 Y	30.1	1.4	7.5		1	6	2	4	282	85
60686 BORDJ-BADJ-MOKHTAR	2120N	00057E	399		963.5	1006.2	37.6		10.2		0	0			177	
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1015.7	1016.2	29.0	2.7	21.5		0	0	-3	3	379	106
60725 JENDOUBA	3629N	00848E	144		999.6	1015.7	29.4	2.4	19.9		1	2	-3	4	376	108
60735 KAIROUAN	3540N	01006E	68		1008.0	1015.7	31.9	3.4	18.4		2	3	-3	4	368	102
60745 GAFSA	3425N	00849E	314		979.8	1016.8	33.0	4.1	13.9		0	0	-1	4	363	102
60765 GABES	3353N	01006E	5		1015.3	1015.6	27.9	1.3	28.9		0	0	-1	4	316	85
NIGER																
61017 BILMA	1841N	01255E	357		967.7	1006.3	35.3		15.7		2	5		4	314	90
61024 AGADEZ	1658N	00759E	502		952.8	1007.0	33.2		17.4		4	21		2	189	60
61036 TILLABERY	1412N	00127E	210		986.1	1009.3	31.3		25.1		4	47		1	264	100
61043 TAHOUA	1454N	00515E	391		966.5	1009.4	30.7		23.7		9	68		1	251	90
61045 GOURE	1359N	01018E	464				30.2		22.6		5	70		1	271	
61049 N'GUIGMI	1415N	01307E	286		976.4	1008.1	31.8		24.4		7	51		3	259	95
61052 NIAMEY-AERO	1329N	00210E	227		985.1	1009.8	30.0		26.1		9	183		4	242	90
61075 BIRNI-N'KONNI	1348N	00515E	273		979.3	1009.5	30.4		25.2		4	80		1	266	95
61080 MARADI	1328N	00705E	373		967.2	1008.2	29.4		24.7		6	129		2	268	100
61085 DIFFA	1325N	01247E	305				30.2		25.3		11	104		1		
61090 ZINDER	1347N	00859E	453		959.5	1009.2	29.8		23.8		8	58		2	276	110
61091 MAGARIA	1259N	00856E	403		965.5	1010.0	28.4		25.6		13	217		4	240	90
61096 MAINE-SOROA	1314N	01159E	338		971.0	1008.1	29.9		26.2		6	186		5	242	95
61099 GAYA	1153N	00327E	203		986.9	1009.5	28.0		28.7		10	194		4	238	100
MALI																
61223 TOMBOUCTOU	1643N	00300W	264		980.2	1008.9	33.5		21.7		5	36	-9	5	219	88
61233 NARA	1510N	00717W	271				30.2	.7	24.5		8	95	-18			
61240 HOMBORI	1520N	00141W	288		977.3	1008.9	32.3	1.1	31.3		10	67	-36			
61265 MOPTI	1431N	00406W	276		979.8	1009.7	30.3	1.2	24.8		10	113	-14		268	110
61270 KITA	1304N	00928W	334				27.3	.7	27.4		13	171	-34		208	96
61277 SAN	1320N	00450W	284		979.4	1010.8	29.2	1.2	27.0		14	176	-1	3	249	102

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
61285 KENIEBA	1251N	01114W	132		997.7	1012.6	28.0	.6	29.1		14	222	-30	2	203	107
61291 BAMAKO/SENOU	1232N	00757W	381		970.4	1011.0	26.9	.1	27.1		13	209	-8		238	110
61293 KOUTIALA	1223N	00528W	367				27.2	.8	27.4		10	200	-18	3	233	95
61296 BOUGOUNI	1125N	00730W	351		973.0	1011.8	26.9	.9	29.0		12	181	-65	2	169	80
MAURITANIA																
61404 ZOUERATE	2245N	01229W	343		972.1	1009.5	34.8		16.6		0	T		4		
61415 NOUADHIBOU	2056N	01702W	5		1012.0	1012.5	23.8		22.8		0	T		4	279	115
61442 NOUAKCHOTT	1806N	01557W	3		1011.4	1011.8	28.0		28.0		2	29			247	
61450 TIDJIKJA	1834N	01126W	402		966.2	1009.0	33.6		18.5		3	10		5		
61461 BOUTILIMIT	1732N	01441W	77		1003.9	1012.3	31.2		22.8		2	10		0		
61489 ROSSO	1630N	01549W	6		1013.1	1013.9	30.5		13.1		5	65		4		
61492 KAEDI	1609N	01331W	18		1012.5	1014.4	32.2		24.7		6	32		2		
61497 NEMA	1636N	00716W	269		984.4		33.0		22.7		4	27				
61498 KIFFA	1638N	01124W	115		995.7	1008.4	34.0		17.7		5	83		4		
61499 AIOUN EL ATROUSS	1642N	00936W	223		985.1	1009.7	33.2		23.8		6	46		3		
SENEGAL																
61600 SAINT-LOUIS	1603N	01627W	4		1011.9	1012.4	28.3		32.0	3.7	4	14	-26	1	237	97
61612 PODOR	1639N	01458W	7		1010.7	1011.5	31.5		26.8	5.4	7	89	48	4	249	
61627 LINGUERE	1523N	01507W	21				30.8		26.5	.5	8	227	138	5	249	105
61630 MATAM	1539N	01315W	17		1009.3	1011.0	31.2		30.2	5.5	9	112	27	6	207	76
61641 DAKAR/YOFF	1444N	01730W	27		1009.8	1013.0	28.0		29.1	1.4	10	72	12	3	244	105
61679 KAOLACK	1408N	01604W	7		1012.8	1013.5	29.4		32.7		14	175	41	3	266	107
61687 TAMBACOUNDA	1346N	01341W	50		1006.8	1012.4	28.3		28.1	.3	14	174	-11	2	220	103
61698 KOLDA	1253N	01458W	10		1011.8	1012.9	28.0		30.2	1.3		197	-58			
61699 KEDOUGOU	1234N	01213W	178		991.7	1010.4	27.3		30.0		11	141	-120	1	208	96
OCEAN ISLANDS																
61901 ST. HELENA IS.	1556S	00540W	436		969.2	1020.2	17.0				12	53			125	105
61976 SERGE-FROLOW (ILE TROMELIN)	1548S	05430E	13		1017.5	1019.0	24.4		22.9		16	58			212	
61996 MARTIN DE VIVIES (ILE AMSTER)	3748S	07730E	29			1017.3	10.7		10.3		22	151	47			
61998 PORT-AUX-FRANCAIS (ILES KERG)	4918S	07012E	29			998.9	1.3	-7			9	34	-31		81	96
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1014.4	1014.9	25.6	.4	25.7	.3	9	56	-45	2	257	70
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1017.9	1018.3	24.1	.6	23.1	-.3	20	69	10	5		
61988 RODRIGUES	1941S	06325E	59		1021.0	1027.3	22.2	.3	20.1	.5	14	106	21	5	190	82
61990 PLAISANCE (MAURITIUS)	2026S	05741E	57		1015.9	1022.2	22.2	1.1	19.9	.4	16	83	-30	3	143	79
61995 VACOAS (MAURITIUS)	2018S	05730E	425		972.5		19.0	7.7	18.7		20	118		3	208	90
EGYPT																
62306 MERSA MATRUH	3120N	02713E	28		1007.1	1010.5	26.3	1.3	24.4	.5	0	0		0		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
62337 EL ARISH	3105N	03349E	32		1003.5	1007.3	27.6	1.6	25.0	1.9	0	0		0	394	100
62378 HELWAN	2952N	03120E	141		993.5	1009.7	29.9	2.2	17.7	-7	0	0		5		
62387 MINYA	2805N	03044E	40		1000.7	1006.1	31.4	2.7	20.8	3.1	0	0			390	102
62403 SOUTH OF VALLEY UNIVERSITY	2612N	03245E	96		995.0	1005.7	33.8		14.9		0	0		0	386	100
62414 ASSWAN	2358N	03247E	200		983.5	1005.5	35.7	2.1	11.2	1.7	0	0		3	388	104
62417 SIWA	2912N	02519E	-13		1011.0	1009.5	31.5	1.6	17.4	2.1	0	0		0	404	114
62423 FARAFRA	2703N	02759E	78		999.6	1008.7	31.3	1.0	12.6	.9	0	0		0	391	
62435 KHARGA	2527N	03032E	78			1005.3	34.2	1.4	13.6	-1.1	0	0		3		
62453 ELHASANA	3027N	03346E	255		981.5	1007.5	28.1		19.5		0	0		0	393	105
62467 DAHAB	2829N	03430E	19		1002.2	1004.4	33.0		17.5		0	0		0	386	100
ETHIOPIA																
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.8	1012.4	16.4		13.4		26	238		2	106	
UNITED REPUBLIC OF TANZANIA																
63756 MWANZA	0228S	03255E	1140		888.5	1521 Y	22.4		14.5		0	0	-13		320	
63832 TABORA AIRPORT	0505S	03250E	1190		884.3	1515 Y	21.7		12.5		0	0	0	0	328	
63862 DODOMA	0610S	03546E	1120		893.7	1545 Y	20.0		13.2		0	0	0	0	323	
63894 DAR ES SALAAM INT	0652S	03912E	55		1011.6	1017.9	23.9		22.2		1	1	-30		259	
63962 SONGEA	1041S	03535E	1067		1001.6	1017.9	23.9		22.2		1	1	-2		259	
63971 MTWARA	1016S	04011E	113		1005.5	1018.5	23.8		22.1		0	0	-14		288	
SEYCHELLES																
63980 SEYCHELLES INTERNATIONAL AIR	0440S	05531E	3		1012.4	1012.8	26.6	.8	27.3	.6	19	288	208	6	207	90
GABON																
64500 LIBREVILLE	0027N	00925E	15		1012.3	1013.7	24.9	.6	25.4		0	0	-6		131	110
64501 PORT-GENTIL	0042S	00845E	4		1013.6	1014.6	23.6	.1	24.7		1	2	-1			
64510 BITAM	0205N	01129E	600				23.5	.1	24.6		2	13	-35			
64556 MAKOKOU	0034N	01252E	515		955.3	1014.4	22.5	.3	25.9							
CENTRAL AFRICAN REPUBLIC																
64600 BERBERATI	0415N	01548E	583		946.6	1010.9	23.7		25.2		13	131			169	
64601 BOUAR	0558N	01538E	1020		901.2	1523 Y	21.6		22.1		16	265				
64605 BOSSEMBELE	0516N	01738E	674		936.9	1010.2	23.8		25.0		15	356				
64610 BOSSANGOA	0629N	01726E	465				26.0		27.0		10	149				
64650 BANGUI	0424N	01831E	366		970.5	1011.4	25.1		26.7		13	333			170	
64654 N'DELE	0824N	02039E	511		954.7	1011.1	25.6		26.7		16	174				
64655 BRIA	0632N	02159E	584		946.7	1010.4	24.7		25.5		9	148				
64656 BANGASSOU	0444N	02250E	500		956.2	1011.1	25.1		26.6		7	187				
64660 BAMBARI	0551N	02039E	475		958.0	1010.2	24.9		26.2		14	166				
64661 YALINGA	0630N	02316E	602		945.1	1010.8	24.2		25.3		11	177				
64665 MOBAYE	0419N	02111E	406				25.3		27.4		10	130				

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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.
CAMEROON 64910 DOUALA OBS.	0400N	00944E	10		1013.1	1014.1	25.6	.5	29.6	1.7	19	266	-428	0	87	121
NIGERIA 65201 LAGOS/IKEJA	0635N	00320E	40		1009.6	1015.0	25.6		29.2	.6	9	119	-124	1	63	64
BENIN 65306 KANDI	1108N	00256E	292		978.6	1011.2	27.3	.9	29.0	2.1	12	188	-8	3	190	85
65319 NATITINGOU	1019N	00123E	461		961.2	1012.4	25.3	.2	28.0	2.5	20	230	5		145	88
65330 PARAKOU	0921N	00237E	393		968.6	1012.5	25.2	.1	26.2	.8	3	207	18	4	161	115
65335 SAVE	0802N	00228E	200		989.9	1012.5	25.8	.4	27.3	1.4	16	216	41	4	164	152
65338 BOHICON	0710N	00204E	167		994.2	1013.4	25.6	.1	27.8	1.5	6	125	-17	3	133	117
65344 COTONOU	0621N	00223E	9		1011.1	1012.2	26.5	.7	28.8	.7	6	209	62	4	114	84
GHANA 65442 KUMASI	0643N	00136W	293		981.0	1014.4	24.5		26.7		10	273			90	
BURKINA FASO 65501 DORI	1402N	00002W	277		979.4	1010.1	30.6		24.8		5	53		1	262	95
65502 OUAHIGOUYA	1334N	00225W	337		973.1	1010.3	28.6		25.5		14	230		5	264	100
65503 OUAGADOUGOU	1221N	00131W	316		977.4	1011.4	28.0		26.7		16	168		2	238	100
65505 DEDOUGOU	1228N	00329W	300		977.8	1011.2	27.5		27.3		10	234		4	236	95
65507 FADA N'GOURMA	1202N	00022E	309		976.8	1011.3	27.0		28.1		9	200		4	230	100
65510 BOBO-DIOULASSO	1110N	00419W	460		961.0	1011.9	25.9		26.1		13	218		3	205	100
65516 BOROMO	1145N	00256W	271		981.1	1011.3	27.7		27.6		14	138		2	209	95
65518 PO	1109N	00109W	322		975.0	1011.0	26.6		26.9		12	156		2	225	95
65522 GAOUA	1020N	00311W	335		979.4	1012.2	26.2		27.4		11	182		3	205	100
MOZAMBIQUE 67215 PEMBA	1259S	04032E	101		1008.3	1019.7	23.0				2	12			274	75
67217 LICHINGA	1318S	03514E	1365		873.7	1593 Y	14.3		12.0		1	1		3	206	60
67237 NAMPULA	1506S	03917E	441		970.6	1022.5	20.2		16.7		3	9		1	222	65
67261 TETE	1611S	03335E	150		1004.8	1022.4	22.3		16.0		2	5		1	221	
67283 QUELIMANE	1753S	03653E	16		1021.4	1023.3	20.7		18.2		13	50		0	207	
67297 BEIRA	1948S	03454E	16		1023.0	1023.9	20.4		19.2		11	136		5		
67323 INHAMBANE	2352S	03523E	15		1022.1	1023.7	20.9		17.6		6	32		6	223	
67341 MAPUTO/MAVALANE	2555S	03234E	44		1017.8	1025.3	18.8		16.3		1	2		2		
MALAWI 67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		885.1	1560 Y	15.5		10.8		0	0		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.
SOUTH AFRICA																
68174 PIETERSBURG	2350S	02925E	1228		887.5	1587 Y	11.6		7.8		1	7	4	5	270	97
68424 UPINGTON	2825S	02116E	851		928.8	1584 Y	12.5		4.5		1	1	-1	4	293	101
68438 KIMBERLEY	2848S	02446E	1204		890.8	1586 Y	9.8		5.3		3	12	5	4	270	94
68442 BLOEMFONTEIN AIRPORT	2906S	02618E	1359		880.1	1637 Y	6.0		5.2		1	13	4	4	260	96
68461 BETHLEHEM	2815S	02820E	1690		839.9	1589 Y	5.3		4.7		1	8		4	281	110
68512 SPRINGBOK	2940S	01754E	1007		909.0	1572 Y	13.1		8.3		4	18		2	244	
68538 DE AAR	3039S	02400E	1287		881.0	1583 Y	9.2		6.0		1	5		4	265	
68588 DURBAN INTNL. AIRPORT	2958S	03057E	14		1021.9	1023.6	16.3		11.9		1	9	-30	2	259	113
68618 CALVINIA	3128S	01946E	975		913.0	1576 Y	10.4		6.7		3	11		2	238	110
68816 CAPE TOWN INTNL. AIRPORT	3358S	01836E	46				13.7		11.6		10	88	5	3	211	109
68828 GEORGE AIRPORT	3401S	02223E	191				14.5		10.5		5	43			188	85
68842 PORT ELIZABETH	3359S	02537E	69				14.9		11.9		5	46	-1	4	212	93
68858 EAST LONDON	3302S	02750E	131				16.6		10.1		3	23	-24	3	228	97
68906 GOUGH ISLAND	4021S	00953W	54		1012.7	1019.2	11.1		10.7		19	321	48	4	70	99
68994 MARION ISLAND	4653S	03752E	22		1010.5	1013.4	3.5		6.3		20	133	-61	1	83	128
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7117N	15647W	12			1018.8	6.7	2.6	8.8		3	18	-5	3		
70086 BARTER ISLAND	7008N	14338W	15				5.3		7.9							
70133 KOTZEBUE, RALPH WIEN	6653N	16236W	5			1014.0	16.1	4.0	12.9		4	21	-16	2		
70200 NOME, AK	6430N	16526W	6			1013.1	12.9	2.1	11.6		11	34	-21	2		
70219 BETHEL/BETHEL AIRPORT, AK	6046N	16150W	44			1013.8	13.7	.9	11.3		15	100	50	5		
70231 MCGRATH, AK	6257N	15530W	103			1014.7	17.3	2.5	12.1		5	29	-23	2		
70249 PUNTILLA	6206N	15240W	560				14.2				2	4				
70251 TALKEETNA	6218N	15000W	109			1016.7	17.1	2.4	13.7		11	41	-51	1		
70261 FAIRBANKS/INT., AK	6448N	14750W	135			1014.6	19.3	2.4	11.8		1	2	-45	5		
70273 ANCHORAGE/INT., AK	6109N	14950W	50			1016.8	15.3	.6	12.1		8	36	-7	2		
70308 ST. PAUL ISLANDS, AK	5709N	17013W	10			1009.4	7.1	-7	9.7		10	93	45	5		
70316 COLD BAY, AK	5512N	16240W	31			1012.2	10.5	.2	11.2		19	104	40	5		
70326 KING SALMON, AK	5840N	15630W	14			1013.3	13.9	1.3	11.6		11	69	13	4		
70341 HOMER/MUNICIPAL	5938N	15130W	24			1016.9	12.7	.8	12.0		9	24	-13	2		
70361 YAKUTAT, AK	5931N	13940W	13			1020.0	13.3	1.3	12.6		9	157	-50	6		
70398 ANNETTE ISLAND, AK	5502N	13130W	35			1019.3	16.4	1.8	14.7		6	92	-16	2		
USA																
72201 KEY WEST/INT., FL	2433N	08145W	5			1017.2	29.2	.1	29.3		9	56	-35	2		
72202 MIAMI, FL	2545N	08023W	5			1017.5	29.4	1.3	28.4		12	157	13	3		
72203 WEST PALM BEACH/ INT. FL.	2641N	08006W	7			1017.0	28.2	.3	27.3		14	100	-56	2		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUANTILE	TOTAL	% of AV.
72205 ORLANDO/JETPORT FL.	2826N	08119W	32			1017.0	27.7	-2	26.2		15	154	-30	2		
72206 JACKSONVILLE/INTNL.,	3029N	08142W	11			1016.1	27.3	-3	26.0		16	139	-3	3		
72207 SAVANNAH/MUNICIPAL,	3208N	08112W	15			1015.6	27.1	-6	24.9		14	167	5	6		
72208 CHARLESTON/MUN., SC.	3253N	08001W	15			1015.3	27.1	-4	25.5		9	207	34	4		
72211 TAMPA/INT., FL.	2758N	08232W	8			1017.0	28.4	.4	28.0		13	260	93	5		
72214 TALLAHASSEE/MUN.,	3023N	08421W	19			1016.0	27.4	.0	24.8		14	114	-110	1		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1015.3	26.7	-6	21.0		11	56	-53	2		
72218 AUGUSTA/BUSH FIELD,	3322N	08158W	45			1014.8	26.5	-6	21.3		9	84	-23	2		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1015.4	25.6	-4	21.4		9	128	1	4		
72223 MOBILE/BATES FIELD,	3041N	08815W	67			1015.9	27.8	-1	24.2		13	144	-30	2		
72226 MONTGOMERY/DANNELLY,	3218N	08624W	67			1015.4	26.8	-6	22.9		13	144	13	5		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1016.0	29.0	1.3	25.9		12	146	-9	2		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1015.4	26.5		22.8		11	139		4		
72235 JACKSON/ALLEN C. THOMPSON FI	3219N	09004W	91			1015.2	27.2	-3	23.5		14	209	95	5		
72240 LAKE CHARLES/MUN.,	3007N	09312W	5			1015.9	28.8	.9	28.6		14	280	148	5		
72242 GALVESTON, TX.	2918N	09448W	16			1015.2	30.1	1.6	31.1		5	69	-31	6		
72243 HOUSTON/INTERCONTINENTAL, TX	2958N	09521W	33			1014.6	30.8	2.7	26.1		7	72	-19	3		
72248 SHREVEPORT/REG., LA.	3227N	09350W	85			1014.1	28.8	.6	24.1		9	165	72	5		
72250 BROWNSVILLE/INT., TX	2555N	09725W	8			1013.9	30.5	1.3	25.7		3	6	-42	5		
72251 CORPUS CHRISTI/INT.,	2746N	09730W	15			1013.7	31.0	2.1	27.5		1	4	-56	1		
72253 SAN ANTONIO/INT.,	2932N	09828W	247			1012.8	31.5	2.1	22.7		4	12	-42	3		
72254 AUSTIN/CTY, TX.	3018N	09742W	193			1013.0	31.0	1.8	22.2		3	33	-18	3		
72255 VICTORIA/VICTORIA REGIONAL,	2851N	09655W	36			1014.3	31.2	2.3	25.1		3	37	-47	2		
72256 WACO, MADISON-COOPER,	3137N	09713W	157			1013.3	30.9	1.1	22.5		7	71	21	6		
72259 DALLAS-FORT WORTH/FORT WORTH	3254N	09702W	182			1013.1	30.3	.7	20.6		9	53	-5	4		
72263 SAN ANGELO/MATHIS,	3122N	10030W	584			1012.7	29.4	1.2	21.3		14	118	92	5		
72265 MIDLAND/MIDLAND REG. AIR TER	3156N	10210W	875			1011.8	28.0	.2	18.4		10	166	123	6		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1013.1	28.9	.0	20.6		10	65	12	4		
72267 LUBBOCK/LUBBOCK INTERNATIONAL	3339N	10140W	996			1012.2	27.3	.6	17.7		11	43	-17	4		
72270 EL PASO/INT., TX.	3148N	10620W	1206			1009.7	30.4	2.5	12.9		4	13	-26	3		
72274 TUCSON/INT., AZ.	3207N	11050W	788			1010.0	32.3	2.0	15.1		4	49	-11	4		
72278 PHOENIX/SKY HARBOR,	3326N	11200W	344			1007.9	36.8	2.6	14.5		2	10	-11	3		
72290 SAN DIEGO/LINDBERGH,	3244N	11710W	9			1013.9	21.5	-2	18.5		0	0	-1	4		
72295 LOS ANGELES /INT.,	3356N	11820W	38			1013.5	20.2	-4	17.6		0	0	-1	4		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1014.7	26.4	.8	20.0		12	55	-46	2		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1014.3	25.3	-4	21.1		8	63	-65	1		
72310 COLUMBIA, SC.	3357N	08107W	72			1014.7	27.1	.0	21.3		10	149	10	4		
72312 GREENVILLE/GREENVILLE SPARTA	3454N	08213W	296			1014.4	25.8	.1	19.3		5	45	-72	1		
72314 CHARLOTTE/DOUGLAS,	3513N	08056W	234			1014.8	24.9	-1.4	20.1		11	119	20	6		
72315 ASHEVILLE/MUN., NC.	3526N	08233W	661			1015.7	21.5	-1.2	18.9		16	73	-41	3		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	277			1014.8	24.7	-2	18.5		7	28	-86	1		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1015.1	25.8	-1	20.3		8	110	-13	3		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1014.8	23.6	-1.2	20.2		10	177	59	4		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1015.0	24.3	-2.0	20.6		10	153	53	5		
72344 FORT SMITH/MUN., AR.	3520N	09422W	143			1013.8	27.4	-1	20.9		8	118	43	4		
72351 WICHITA FALLS/SHEPS AFB/WICH	3358N	09829W	314			1012.7	29.1	-3	20.2		7	74	31	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	QUANTILE	TOTAL	% of AV.
72353 OKLAHOMA CITY/W. ROGERS WORL	3523N	09736W	398			1013.1	28.0	.2	18.2		7	90	24	4		
72360 CLAYTON/MUN., NM.	3627N	10300W	1515			1013.4	24.7	1.2	12.5		12	81	13	4		
72365 ALBUQUERQUE/INT., NM.	3502N	10630W	1619			1011.5	26.9	1.1	10.0		5	20	-14	3		
72386 LAS VEGAS/MCCARRAN,	3605N	11510W	664			1007.4	34.9	2.1	9.1		2	7	-1	3		
72389 FRESNO/AIR TERM.,	3646N	11940W	101			1011.0	29.4	1.7	11.0		0	0	-1	5		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1014.8	25.0	-6	19.4		10	86	-41	2		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1014.2	24.9	-1.8	17.6		7	27	-69	1		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	48			1013.7	23.6	-1.4	17.7		8	84	-9	3		
72407 ATLANTIC CITY, NJ.	3927N	07434W	21			1014.2	23.2	-5	20.2		6	98	1	3		
72408 PHILADELPHIA/INT.,	3953N	07515W	9			1013.8	24.3	-5	17.7		10	85	-23	3		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1015.5	22.9	-1.3	18.1		11	148	49	5		
72412 BECKLEY (RALEIGH CTY. MEMORI	3747N	08107W	766			1015.4	19.0	-1.9	17.5		13	186	67	5		
72414 CHARLESTON/KANAWHA.,	3822N	08136W	299			1014.8	21.7	-2.2	18.8		12	135	9	6		
72421 CINCINNATI/GREATER CINCINNAT	3903N	08440W	271			1014.3	21.1	-2.8	19.4		12	136	29	4		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1015.0	22.2		18.7		13	192		5		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	151			1014.4	23.0	-2.1	19.5		13	153	39	5		
72425 HUNTINGTON, WV.	3822N	08233W	255			1014.6	21.5	-2.2	19.7		13	215	97	5		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08253W	254			1013.9	21.7	-1.2	16.4		12	125	16	6		
72429 DAYTON/ COX, OH.	3952N	08407W	307			1014.7	20.8	-2.6	15.9		6	102	13	4		
72432 EVANSVILLE/REG., IN.	3803N	08732W	127			1014.6	23.0	-2.8	20.4		12	164	62	5		
72434 ST. LOUIS/LAMBERT,	3845N	09022W	174			1013.9	24.2	-2.4	19.1		9	107	10	4		
72438 INDIANAPOLIS/I.-MUN/WEIR COO	3944N	08616W	246			1014.1	21.6	-2.5	17.2		11	117	4	4		
72439 SPRINGFIELD/CAPITAL,	3951N	08940W	187			1014.5	21.8	-2.9	19.3		7	83	-6	3		
72445 COLUMBIA/REGIONAL,	3849N	09213W	274			1014.5	22.4	-2.8	20.6		11	181	88	6		
72451 DODGE CITY/MUN., KS.	3745N	09958W	790			1013.4	25.5	-1.3	16.5		11	109	27	4		
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	453			1014.2	23.8	-2.6	19.4		11	98	6	5		
72476 GRAND JUNCTION/WALKER FIELD,	3907N	10830W	1474			1010.8	26.5	.5	10.1		2	3	-13	1		
72483 SACRAMENTO/EXECUTIVE CA.	3831N	12130W	8			1011.8	24.1	-2	12.7		0	0	-1	5		
72486 ELY/YELLAND, NV.	3917N	11450W	1909			1013.1	19.2	-5	7.3		7	23	6	6		
72488 RENO/INT., NV.	3930N	11940W	1344			1013.0	25.4	3.4	6.4		0	T	-7	1		
72494 SAN FRANCISCO/INT.,	3737N	12220W	6			1014.7	16.9	-2	13.2		0	0	-1	4		
72503 NEW YORK/LA GUARDIA,	4046N	07354W	9			1013.3	23.6	-1.1	17.2		11	168	65	5		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1013.8	21.2	-1.4	17.7		14	268	188	6		
72508 HARTFORD/BRADLEY INTNL., CT.	4156N	07241W	55			1013.3	21.2	-2.0	18.2		16	284	203	6		
72509 BOSTON/LOGAN INT.,	4222N	07102W	9			1013.4	21.4	-1.7	17.7		10	175	103	5		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	292			1012.8	20.0	-2.1	16.2		9	113	17	4		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1014.5	18.5	-2.2	15.6		12	95	7	4		
72517 ALLENTOWN/A.-BETHLEHEM-EASTO	4039N	07526W	118			1013.8	21.1	-2.3	18.4		10	151	46	6		
72519 SYRACUSE/HANCOCK,	4307N	07607W	128			1012.7	20.1	-1.2	16.4		10	52	-44	2		
72520 PITTSBURGH/GREATER PITTSBURG	4030N	08013W	373			1014.6	20.7	-1.6	15.5		9	105	10	4		
72521 AKRON/AKRON-CANTON REG. OH.	4055N	08126W	377			1014.0	20.0	-2.2	16.0		10	83	-20	6		
72525 YOUNGSTOWN, OH.	4116N	08040W	365			1014.0	19.6	-1.7	15.3		11	89	-14	3		
72528 BUFFALO/GREATER BUFFALO INT.	4256N	07843W	219			1013.0	19.3	-2.4	16.5		9	111	33	5		
72529 ROCHESTER/ROCHESTER-MONROE C	4307N	07740W	171			1013.1	18.9	-2.3	16.6		10	110	42	5		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1013.9	20.8	-2.1	14.8		9	39	-54	2		
72532 PEORIA/GREATER PEORIA MUN.,	4040N	08941W	202			1014.4	21.5	-2.7	17.6		12	99	-7	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	QUANTILE	TOTAL	% of AV.
72533 FORT WAYNE/MUN.,	4100N	08512W	252			1014.4	20.4	-2.9	17.0		9	107	20	5		
72535 SOUTH BEND/ST.JOSEPH CO., IN	4142N	08619W	241			1014.3	20.2	-2.5	15.2		13	67	-30	3		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1013.6	20.5	-1.8	15.1		9	76	-7	3		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1013.5	20.4	-2.0	15.6		11	65	-15	6		
72544 MOLINE/QUAD CITY,	4127N	09031W	181			1014.3	20.7	-3.3	18.2		8	198	73	5		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1014.4	22.2	-2.6	17.1		10	60	-36	4		
72556 NORFOLK/KARL STEFAN,	4159N	09726W	479			1015.0	21.3	-2.8	18.0		9	40	-41	2		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1015.3	21.2	-3.1	18.9		13	141	58	5		
72562 NORTH PLATTE/LEE BIRD, NE.	4107N	10040W	849			1014.9	21.5	-1.8	17.7		14	127	50	6		
72564 CHEYENNE, WY.	4109N	10440W	1876			1015.0	18.9		10.9		10	47		4		
72569 CASPER/NATRONA COUNTY, INTNL	4255N	10620W	1630			1014.7	19.4	-2.2	10.5		12	88	56	6		
72572 SALT LAKE CITY/INTNL UT.	4047N	11150W	1288			1011.6	26.2	.7	10.7		3	7	-13	2		
72576 LANDER/HUNT, WY.	4249N	10840W	1703			1014.4	20.3	-1.4	9.5		7	47	27	5		
72578 POCATELLO/MUN., ID.	4255N	11230W	1365			1014.5	20.3	-1.1	10.5		2	58	42	6		
72583 WINNEMUCCA/MUN., NV.	4054N	11740W	1322			1012.8	23.0	.7	6.1		1	9	3	5		
72594 EUREKA, CA.	4048N	12410W	18				12.5	-1.4			1	2	-1	5		
72597 MEDFORD/MEDFORD-JACKSON COUN	4223N	12250W	398			1013.7	25.5		10.6		0	0		1		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1013.4	19.1		16.5		16	192		6		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	23			1013.5	19.0	-1.3	17.8		13	218	140	6		
72613 MOUNT WASHINGTON,	4416N	07118W	1910				7.8	-1.3	11.0		22	273	94	5		
72617 BURLINGTON/INT., VT.	4428N	07309W	104			1012.4	20.1	-1.3	16.8		14	117	25	6		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1013.7	19.4	-2.6	14.7		6	60	-21	2		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1013.8	18.8	-2.5	15.1		4	22	-31	6		
72637 FLINT/BISHOP, MI.	4258N	08345W	238			1013.4	18.6	-2.8	15.3		9	67	-1	4		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	220			1013.7	20.3	-1.3	14.5		5	18	-70	1		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1013.8	18.7	-3.0	15.4		10	49	-37	2		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1015.0	18.5	-3.1	16.0		11	90	-16	3		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08806W	209			1013.3	18.5	-2.4	14.2		6	34	-44	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1015.1	20.4	-3.1	17.6		10	94	26	4		
72654 HURON/HURON REGIONAL SD.	4423N	09813W	393			1014.7	20.3	-3.3	16.7		11	78	11	4		
72658 MINNEAPOLIS/ST.PAUL INT., MN	4453N	09313W	256			1014.0	21.1	-2.0	13.8		8	55	-34	2		
72662 RAPID CITY/REGIONAL AIRPORT,	4440N	10310W	1030			1015.6	20.1	-2.2	13.1		10	45	-6	3		
72666 SHERIDAN/COUNTY, WY.	4446N	10650W	1226			1015.6	19.6	-1.3	11.7		7	32	10	4		
72677 BILLINGS/LOGAN INT.,	4548N	10830W	1099			1015.0	21.8	-.7	10.7		4	16	-7	3		
72681 BOISE/MUN., ID.	4334N	11610W	872			1012.2	25.9	2.6	8.4		1	2	-6	2		
72688 PENDLETON, OR.	4541N	11850W	456			1012.9	23.8	1.1	9.2		3	8	0	4		
72698 PORTLAND/INT., OR.	4536N	12230W	12			1016.0	23.2	3.1	14.4		1	9	-7	3		
72712 CARIBOU/MUN., ME.	4652N	06800W	191			1012.9	17.5	-1.1	16.2		17	129	28	4		
72743 MARQUETTE, MI.	4632N	08733W	434				15.6	-2.8	12.2		0	0	-73	0		
72745 DULUTH/INT., MN.	4650N	09211W	436			1013.9	16.7	-2.2	12.3		9	85	-6	3		
72747 INT.FALLS/FALLS INT. MN.	4833N	09323W	362			1013.5	14.9	-4.4	13.9		12	92	1	3		
72753 FARGO/HECTOR FIELD,	4654N	09648W	274			1014.0	19.2	-2.5	13.0		5	30	-38	2		
72764 BISMARCK/MUN., ND.	4646N	10040W	505			1015.6	19.4	-1.9	14.6		12	80	26	4		
72767 WILLISTON/SLOULIN FIELD INT.	4811N	10330W	592			1015.6	18.8	-2.7	13.6		11	84	31	5		
72768 GLASGOW/INT., MT.	4812N	10630W	693			1015.3	20.5	-1.1	12.1		7	66	23	4		
72772 HELENA/COUNTY-CITY,	4636N	11200W	1188			1017.0	20.8	.1	10.5		8	46	19	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.
72773 MISSOULA / JOHNSON-BELL FIEL	4655N	11400W	976			1015.9	20.7	1.4	9.5		4	27	4	4		
72781 YAKIMA/YAKIMA AIR TERMINAL,	4634N	12030W	332			1013.6	23.3	2.2	11.1		0	T	-4	2		
72785 SPOKANE/INT., WA.	4738N	11730W	721			1014.6	22.4	2.0	8.6		6	12	-5	3		
72792 OLYMPIA, WA.	4658N	12250W	62			1016.9	19.5	2.3	13.8		2	4	-16	1		
72793 SEATTLE/S.-TACOMA,	4727N	12210W	137			1017.4	20.9	2.5	13.7		1	2	-17	1		
72797 QUILLAYUTE, WA.	4757N	12430W	56			1017.6	15.7		13.6		4	27				
74492 BLUE HILL OBS. MA.	4213N	07107W	195			1014.4	20.3	-1.5			13	196	108	5		
CANADA																
71017 STEFANSSON ISLAND, NU	7345N	10510W	11		1012.6	1014.0	3.2		7.0		0	0				
71018 RESOLUTE CS, NU	7442N	09459W	68				5.3		8.0		0	0				
71026 MEDICINE HAT RCS, ALTA	5001N	11040W	717		932.6	1015.8	18.9		12.0		9	84		5		
71029 HOLMAN CS, NWT	7045N	11740W	30		1011.9	1015.7	5.6		7.7		8	33				
71049 WAGER BAY (AUT), MAN	6552N	08926W	18		1014.0	1016.3	12.5		10.0		5	31				
71066 HIGH LEVEL A, ALTA	5837N	11700W	338		975.9	1016.8	15.9	-3	13.0		9	88	27	4		
71069 SLAVE LAKE A, ALTA	5517N	11440W	583		948.4	1017.4	15.4	-3	14.1		10	68	-28	1		
71074 ISACHSEN (AUT), NU	7847N	10330W	58		1008.8	1016.3	5.2		7.5		6	29		6		
71079 THOMPSON	5548N	09752W	222		986.2	1013.4	13.9	-1.8	11.9		15	146	62	5		
71101 SANDSPIT AWOS, BC	5315N	13140W	6		1018.5	1019.3	16.0	1.9	14.1							
71109 PORT HARDY A, BC	5040N	12720W	22		1016.5	1019.1	14.5	.8	13.5		3	20	-36	1		
71120 COLD LAKE A, ALTA	5425N	11010W	541		952.9	1017.1	16.3	-7	12.0		9	84	-1	3		
71122 BANFF CS, ALTA	5112N	11530W	1397		861.7	1018.1	14.6	-2	9.5		9	80	29	5		
71158 BERENS RIVER CS, MAN	5221N	09702W	222		985.9	1012.7	14.8		13.4		13	89		5		
71160 FORT RELIANCE (AUT), NWT	6242N	10900W	168		995.2	1016.0	12.5		10.0		4	22		2		
71185 DANIELS HARBOUR,	5014N	05734W	18		1011.3	1013.6	14.1	-2	14.0		7	44	-53	1		
71197 PORT AUX BASQUES,	4734N	05909W	40		1011.1	1015.9	15.0	1.5	11.3		11	102	-4	3		
71199 WATSON LAKE (AUT), YT	6007N	12840W	690		937.3	1018.6	15.9		10.5		7	22		1		
71279 SEPT-ILES, QUE	5013N	06615W	53		1006.1	1012.5	14.4		14.9		11	124				
71288 CAMBRIDGE BAY GSN, NU	6906N	10500W	19				7.4		8.4		5	44				
71299 KAPUSKASING CDA ON, ONT	4924N	08226W	218		980.0	1004.9	13.7		15.7		14	122		5		
71309 MOOSONEE RCS, ONT	5117N	08037W	9		1007.7	1008.8	16.5		14.7		18	133				
71320 HALL BEACH CLIMATE, NU	6846N	08114W	8		1015.9	1015.9	6.8		8.3		2	6				
71321 IQALUIT CLIMATE, NU	6345N	06833W	34		1015.5	1019.8	10.0		9.4		5	17				
71322 ARVIAT CLIMATE, NU	6106N	09404W	10		1013.7	1014.9	9.4		9.6		7	49				
71350 HARRINGTON CDA CS, PEI	4621N	06310W	53		1007.2	1013.6	18.4		18.6		12	125				
71355 ALERT CLIMATE, NU	8230N	06220W	65		1011.7	1020.2	5.3		6.8		1	1				
71356 BAKER LAKE CLIMATE, NU	6419N	09600W	51		1010.1	1016.5	11.9		9.7		4	11				
71358 CLYDE RIVER CLIMATE, NU	7029N	06831W	27				6.6		7.7							
71361 HAY RIVER CLIMATE, NWT	6050N	11540W	164		995.7	1015.8	14.9		11.5		6	45				
71362 FORT SMITH CLIMATE, NWT	6001N	11150W	203		990.7	1015.5	15.1		11.3		10	75				
71363 GJOA HAVEN CLIMATE, NU	6838N	09551W	42		1010.4	1015.7	7.1		8.4		4	18				
71364 INUVIK CLIMATE, NWT	6819N	13330W	103		1005.2	1018.1	12.4		9.1		4	16				
71365 FORT SIMPSON CLIMATE, NWT	6145N	12110W	168		995.5	1016.0	15.9		11.1		8	29				
71407 RESERVED OR UNKNOWN	9999N	99999E			1014.4		11.6		9.4		8	49				
71434 PEAWANUCK (AUT), ONT	5459N	08526W	52		1003.2	1009.6	11.3		11.0		14	93				
71446 SWIFT CURRENT CDA, SASK	5016N	10740W	825		920.9	1016.9	16.9		11.1		6	45		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.
71467 SACHS HARBOUR CLIMATE, NWT	7200N	12510W	88		1006.0	1017.2	4.8		7.4		4	9				
71480 RESERVED OR UNKNOWN	9999N	99999E			1004.4	1016.1	14.9		10.4		7	75				
71493 PARRSBORO, NS	4524N	06420W	31		1010.5	1014.2	16.4		15.9		15	141				
71550 DAUPHIN CS, MAN	5106N	10000W	305				16.4				7	82				
71570 GREAT FALLS CLIMATE, MAN	5031N	09558W	253		983.0	1013.4	16.1		13.3		12	114				
71585 FORT MCMURRAY CS, ALTA	5639N	11110W	369				15.4		11.3		10	45				
71586 LA RONGE RCS, SASK	5509N	10510W	379		969.5	1014.8	15.5		12.3		11	96		4		
71590 EDMUNDSTON, NB	4725N	06819W	157		993.8	1012.4	16.9		14.8		14	116				
71600 SABLE ISLAND, NS	4355N	06000W	5		1015.7	1016.3	16.7	1.2	16.9		6	74	-26	2		
71695 THE PAS CLIMATE, MAN	5358N	10106W	274		980.7	1013.2	15.7		12.6		11	71				
71696 CHURCHILL CLIMATE, MAN	5844N	09404W	29		1009.6	1013.2	8.6		9.1		10	92				
71713 LA POCATIERE, QUE	4721N	07001W	31				16.4		15.3		18	120		5		
71721 MANIWAKI AIRPORT, QUE	4616N	07559W	201		987.8	1011.6	17.4		15.9		15	196		6		
71727 BAGOTVILLE A, QUE	4820N	07100W	159		993.1	1012.3	17.7	-3	15.1		14	142	28	4		
71733 GORE BAY A, ONT	4553N	08234W	194		989.1	1012.3	17.0	-2.1	14.9		11	65	13	4		
71741 KAMLOOPS AUT, BC	5042N	12026W	345		973.6	1014.0	23.9		10.6		2	16				
71742 GANDER AIRPORT CS, NFLD	4856N	05434W	151		997.7	1015.9	15.8		13.4		14	107				
71743 RIVIERE AUX FEUILLES, QUE	5754N	07258W	171		992.0	1013.0	14.2		10.6		19	172				
71813 NATASHQUAN A, QUE	5011N	06149W	11		1012.1	1013.4	15.3	1.1	14.5		10	130	43	4		
71816 GOOSE A, NFLD	5319N	06025W	49		1008.2	1014.1	15.4	-1	11.5		10	94	-25	3	218	110
71818 CARTWRIGHT, NFLD	5342N	05702W	15		1013.4	1015.3	11.8	-5	11.1		10	56	-32	1	215	115
71823 LA GRANDE IV A, QUE	5345N	07340W	306		974.0	1010.7	16.9		14.3		16	58		1		
71827 LA GRANDE RIVIERE A,	5338N	07742W	195		986.1	1009.7	16.5		13.5		13	72		2		
71828 SCHEFFERVILLE A, QUE	5448N	06648W	518		951.5	1013.5	13.9	1.5	13.2		18	96	-7	3		
71842 SIOUX LOOKOUT A, ONT	5007N	09154W	390		966.9	1012.7	15.7	-2.9	12.9		15	103	10	4		
71844 BIG TROUT LAKE READAC, ONT	5348N	08953W	222		984.3	1011.4	13.2		12.8		16	147		5		
71862 ESTEVAN A, SASK	4913N	10250W	584		948.0	1016.4	16.5	-3.6	13.0		6	38	-23	2		
71869 PRINCE ALBERT A, SK	5313N	10540W	428		964.9	1016.1	16.3	-1.3	13.2		8	92	20	4		
71894 ESTEVAN POINT CS, BC	4923N	12630W	7		1017.2	1018.0	14.3		14.3		2	19		2		
71905 KUJJUARAPIK A, QC	5517N	07745W	24		1007.6	1008.9	14.8	4.6	12.5		10	76	4	3		
71906 KUJJUAQ A, QUE	5806N	06825W	44		1009.7	1014.5	12.6	1.6	10.6		8	64	7	3		
71907 INUKJUAQ A, QUE	5828N	07805W	28		1008.8	1011.9	14.7	5.6	10.8		9	37	-18	2		
71915 CORAL HARBOUR A,	6411N	08321W	64		1009.4	1017.5	12.4	3.5	10.2		1	9	-33	1		
71917 EUREKA, NU	7959N	08556W	11		1015.9	1017.2	8.0	2.6	7.1		7	22	11	5		
71923 ENNADAI LAKE (AUT), NU	6107N	10050W	353		973.7	1017.0	11.7		9.4		5	15				
71945 FORT NELSON A, BC	5850N	12230W	389		971.8	1017.7	17.1	.4	12.5		8	23	-60	1		
71950 SMITHERS A, BC	5449N	12710W	522		956.5	1018.0	17.8	2.9	14.2		7	27	-18	2		
71964 WHITEHORSE A, YT	6042N	13500W	706		935.3	1018.6	16.7	2.7	10.2		6	23	-15	2		
71966 DAWSON, YT	6403N	13900W	370		972.1	1016.6	16.1		9.7		2	9		0		
71984 PAULATUK, NWT	6921N	12400W	6		1016.4	1017.2	6.1		7.8		3	34				
71989 MOULD BAY CS, NWT	7614N	11920W	2		1016.2	1017.8	4.6		7.1		0	0		0		
ST. PIERRE AND MIQUELON																
71805 SAINT-PIERRE	4646N	05611W	23		1013.9	1016.6	14.1		14.8		11	99			133	
MEXICO																

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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.
76225 CHIHUAHUA, CHIH.	2838N	10600W	1433		863.2	1007.1	27.1		15.9		11	64		2	266	
76243 PIEDRAS NEGRAS, COAH.	2842N	10030W	250		983.7	1010.8	33.9		25.5		2	33		2	332	
76256 EMPALME, SON.	2757N	11040W	12		1010.0	1011.2	31.8		31.3		5	61		4	289	
76311 CHOIX, SIN.	2644N	10810W	238		983.7	1010.5	30.3		29.2		12	83		1	223	
76342 MONCLOVA, COAH.	2653N	10120W	615		944.0	1010.6	32.5		20.6		2	22		3	314	
76373 TEPEHUANES, DGO.	2521N	10540W	1967		821.6	1009.1	23.6		14.6		12	80		2		
76382 TORREON, COAH.	2532N	10320W	1124		889.4	1007.2	30.4		19.2		3	51		4	290	
76390 SALTILLO, COAH.	2522N	10100W	1790		824.8	1010.4	21.6		14.0		5	13		1	301	
76393 MONTERREY, N.L.	2544N	10010W	515		955.5	1010.4	30.9		22.5		4	52		2	314	
76402 CIUDAD CONSTITUCION, BCS	2457N	11140W	48		1006.4	1011.9	29.2		22.6		0	0		0	314	
76405 LA PAZ, BCS	2410N	11010W	18		1009.4	1011.5	31.4		28.6		1	2		1	294	
76423 DURANGO, DGO.	2403N	10430W	1872		816.5	1008.3	22.9		14.8		14	43		2	284	
76458 COLONIA JUAN CARRASCO MAZATL	2312N	10620W	4		1011.2	1011.7	29.4	.7	36.1	5.5	14	193	-19	3	241	108
76556 TEPEC, NAY.	2131N	10450W	915		911.4	1010.8	24.8		25.7		14	144		1	243	
76577 GUANAJUATO, GTO.	2100N	10110W	1999		805.4	1010.2	21.1	1.8	18.7	3.5	12	124	-34	3	277	137
76581 RIO VERDE, S.L.P.	2156N	09959W	983		904.2	1011.0	25.8		21.8		7	42		5	330	
76585 MATLAPA, S.L.P.	2119N	09849W	132		998.8	1014.0	28.5		30.7		8	69		1	262	
76634 TULANCINGO, HGO.	2005N	09822W	2181		787.0	1014.0	17.5		14.2		10	48		2	261	
76640 TUXPAN, VER.	2057N	09724W	28		1013.2	1014.3	28.9		35.5		11	204		4	286	
76644 AEROP.INTERNACIONAL MERIDA,	2059N	08939W	9		1014.9	1016.1	28.6	1.2	28.7	.7	10	114	-48	1	274	111
76647 VALLADOLID, YUC.	2041N	08812W	27		1012.1	1015.1	29.0		30.6		10	67		1	248	
76654 MANZANILLO, COL.	1903N	10410W	3		1012.3	1012.7	29.6		32.0		6	47		1	202	
76656 CIUDAD GUZMAN, JAL.	1943N	10320W	1515			1012.8	21.4		18.6		17	127		2	209	
76665 MORELIA, MICH.	1942N	10110W	1913		812.8	1010.2	20.6	2.1	15.8	.8	18	111	-65	1	234	170
76675 TOLUCA, MEX.	1917N	09941W	2720		739.6	1011.8	14.9		11.2		16	165		3	227	
76680 MEXICO (CENTRAL),	1924N	09911W	2303		776.6	1007.0	18.6	2.4	14.2	1.3	16	157	-26	5	242	168
76683 TLAXCALA, TLAX.	1919N	09815W	2248		783.3	1013.0	18.8		16.1		9	107		2	202	
76687 JALAPA, VER.	1933N	09655W	1389		869.6	1015.9	20.5		20.1		9	154		3	172	
76692 HACIENDA YLANG YLANG VERACRU	1909N	09607W	16		1012.4	1014.3	28.6	1.0	31.3	1.9	14	320	-91	2	248	121
76695 CAMPECHE, CAMP.	1951N	09033W	5		1012.5	1013.1	29.1		30.2		13	108		1	283	
76698 FELIPE CARRILLO PUERTO, Q.RO	1942N	08754W	12		1014.1	1015.2	30.9		28.8		6	84		2	297	
76726 CUERNAVACA, MOR.	1853N	09914W	1618		840.0	1010.2	20.5		16.0		19	149			265	
76737 ORIZABA, VER.	1851N	09706W	1259		878.8	1014.7	21.0		19.0		14	225		1	196	
76741 COATZACOALCOS, VER.	1808N	09425W	22		1011.4	1013.2	28.6		32.1		10	171			268	
76750 CHETUMAL, Q.R.	1829N	08818W	7		1016.6	1017.6	29.7		30.3		4	52		1	217	
76762 CHILPANCINGO, RO.	1733N	09930W	1265		876.3	1011.8	22.0		22.9		15	208		5	251	
76805 ACAPULCO, GRO.	1650N	09956W	3		1011.3	1011.7	29.8	1.3	32.6	1.3	9	122	-87	2	288	129
76845 SN. CRISTOBAL LAS CASAS, CHI	1645N	09238W	2116		794.6	1013.2	16.4		14.0		7	34		1	219	
76848 COMITAN, CHIS.	1615N	09208W	1646		838.9	1008.5	19.1		16.2		10	87		3	257	
76855 PUERTO ANGEL, OAX.	1541N	09629W	46		1005.3	1010.0	27.7		28.4		6	51		1	258	
76903 TAPACHULA, CHIS	1455N	09215W	118		999.7	1013.1	28.2		29.0		16	293		3	211	
BERMUDA																
78016 BERMUDA INTERNATIONAL AIRPOR	3222N	06440W	130		1020.9	1021.3	27.1		28.9		12	81			289	
BAHAMAS																

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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.
78073 NASSAU AIRPORT NEW PROVIDENC	2503N	07728W	7		1017.6	1018.4	29.8	1.9	30.6	1.6	9	26	-131	1	301	111
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1014.3	1014.4	29.6		34.0		5	62			293	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1013.5	1015.1	28.8		24.7		1	13		2	301	115
PUERTO RICO AND US POSS																
78526 SAN JUAN/INT.,	1825N	06559W	4			1016.9	29.3	1.2	30.4		12	122	11	4		
HONDURAS																
78705 LA CEIBA (AIRPORT)	1544N	08652W	26		1011.6	1013.7	28.5	1.0	28.6	-1.1	9	147	-27	4	245	120
78708 LA MESA (SAN PEDRO SULA)	1527N	08756W	31		1009.9	1012.2	28.1	1.0	31.7		8	67	-43	2	200	90
78720 TEGUCIGALPA	1403N	08713W	1007		903.7	1011.8	23.8	1.7	20.4	1.4	5	51	-31	2	181	94
NICARAGUA																
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1004.6	1010.9	27.3		27.8		18	107		3	194	
COSTA RICA																
78762 JUAN SANTAMARIA INT. AIRPORT	0959N	08413W	934		911.0	1012.1	23.1	1.1	21.8		11	100	-81	1		
78767 PUERTO LIMON	1000N	08303W	5		1011.4	1011.6	26.7	1.5	29.0		21	589	181	4	110	92
GUADELOUPE & OTHER FRENCH IS																
78890 LA DESIRADE	1620N	06100W	33		1013.2	1016.3	28.5		31.2		1	10		0		
GUADELOUPE																
78894 GUSTAVIA,	1754N	06251W	45		1011.7	1016.9	28.7		30.4	2.1	8	24	-55	0		
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1015.3	1016.2	27.8	.2	28.3		18	87	-63	2	195	
MARTINIQUE																
78922 CARAVELLE	1446N	06053W	33		1011.2	1015.6	28.0		29.2		15	129				
78925 LE LAMENTIN	1436N	06100W	8		1014.4	1015.3	28.0	.8	29.0	-1	19	158	-45	2	195	79
BARBADOS																
78954 GRANTLEY ADAMS	1304N	05929W	56		1008.1	1014.5	28.0		29.6		16	121		4	223	
TRINIDAD AND TOBAGO																
78970 PIARCO INT. AIRPORT,	1037N	06121W	15		1011.0	1013.5	27.7	1.5	29.6	1.2	21	324	58	4	227	111
COLOMBIA																

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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.
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1011.1	1011.2	28.4	.6	32.4	1.3	20	173	-31	3	211	115
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6		1009.9	1010.6	30.6		28.2		19	106		2	235	110
S AMERICA																
COLOMBIA																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1008.8	1009.0	29.8	1.1	30.5	1.4	9	103	48	5	258	110
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.0	1009.2	28.9	.8	32.3	1.9	7	68	-26	2	243	113
80028 BARRANQUILLA/ERNESTO CORTISS	1053N	07447W	30		1006.6	1010.0	28.2	.1	30.6	.7	3	28	-42	1	242	114
80084 APARTADO/LOS CEDROS	0749N	07642W	20				27.9		31.4		24	463			147	115
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.8	.6	29.0	.7	13	327	150	5	224	103
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		880.9		22.0		21.5		12	53	-36	1	176	100
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		975.1	1009.5	28.1	.2	23.7	1.0	12	32	0	3	201	100
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		992.5	1006.9	25.5	.0	28.9	1.0	16	245	-25	2	149	103
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		791.3		17.1		19.3		15	102			249	105
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55				27.6	1.4	27.7	1.2	21	617	175	5	144	102
80144 QUIBDO/EL CARANO	0543N	07637W	53				27.4	.8	28.3	-1.5	27	886	116	4	137	99
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.4		22.9	1.1	20.1	1.1	13	78	-46	1	184	99
80214 IBAGUE/PERALES	0426N	07509W	928				24.5	.0	21.8	1.7	2	36	-36	2	181	92
80222 BOGOTA/ELDORADO	0442N	07409W	2547		752.8		13.6	.5	11.5	-1.1	11	53	12	4	134	94
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		962.3	1011.6	24.7	.8	25.0	.8	22	483	79	3	125	114
80259 CALI/ALFONSO BONILLA ARAGON	0333N	07623W	969		904.6		24.6		25.1		4	7	-21	1	190	100
80315 NEIVA/BENITO SALAS	0258N	07518W	443		959.4	1009.0	28.5	.3	22.0	1.7	3	8	-36	2	168	95
80370 IPIALES/SAN LUIS	0049N	07738W	2961				10.7	.9	10.4	.2	10	30	-18	2	133	102
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84		1003.5	1013.1	25.5	.5	29.5	2.3	13	183	11	4	207	107
VENEZUELA																
80403 CORO	1125N	06941W	17		1011.0	1012.9	28.8	.4	31.1		8	45	10	4	280	98
80410 BARQUISIMETO	1004N	06919W	614		945.4	1012.9	24.3	1.2	23.5		11	97	20	4	178	77
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		964.7	1012.9	26.3	2.0	28.1		8	99	-30	2	240	109
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1007.6	1013.0	27.9	1.5	31.4		4	39	-18	1	254	105
80416 CARACAS/LA CARLOTA	1030N	06653W	835		920.1		25.3	3.1	22.0		13	94	-27	1	179	85
80419 BARCELONA	1007N	06441W	7		1012.8	1014.6	27.8	1.5	26.5		10	60	-59	1	213	92
80420 CUMANA	1027N	06411W	4		1010.6	1011.2	27.1		27.0		10	63			231	105
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	24		1010.9	1013.1	27.0		29.7		9	89			269	105
80423 GUIRIA	1035N	06219W	14		1010.1	1011.2	27.0	.1	23.8		4	41	-85	1	237	118
80425 MENE GRANDE	0949N	07056W	28		1007.9	1011.0	28.7	1.1	30.7		7	31	-71	1	234	104
80426 VALERA	0921N	07037W	582		948.0	1011.7	25.5		26.9		7	39			205	210
80427 ACARIGUA	0933N	06914W	226		988.1	1013.5	25.5	.6	27.8		24	361	143		169	93
80428 GUANARE	0901N	06944W	163		992.5	1010.9	26.4	1.7	27.5		18	203	-63		201	120
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429		963.8	1011.3	25.3		24.2		19	139			242	125
80432 CARRIZAL	0925N	06655W	161		991.4	1009.4	26.3		28.0		13	175			231	100
80434 VALLE DE LA PASCUA	0913N	06601W	125		992.8	1007.5	26.7		26.9		7	70			232	

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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.
80435 MATURIN	0945N	06311W	66		1003.0	1012.3	27.0	1.4	28.7		21	181	-34	2	194	104
80437 EL VIGIA	0838N	07139W	103		1000.8	1009.2	27.3		26.6		14	188			181	
80438 MERIDA	0836N	07111W	1498		852.8	1525 Y	20.2	.9	18.0		12	66	-53	1	204	96
80440 BARINAS	0837N	07013W	204		991.9	1013.0	25.8		23.9		19	163			181	
80442 CALABOZO	0856N	06725W	101		1002.4	1013.1	27.6		30.6		15	234			216	
80444 CIUDAD BOLIVAR	0809N	06333W	48		1006.1	1011.2	27.9	1.0	30.4		9				248	107
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378		967.1	1009.0	25.6	-1.2	23.0		6	16	-10	2	166	89
80448 GUASDUALITO	0714N	07048W	131				24.9	.0	28.4		20	312	26	5	145	98
80450 SAN FERNANDO DE APURE	0754N	06725W	48		1007.9	1013.2	27.3	1.6	34.1		15	535	259	6	112	64
80453 TUMEREMO	0718N	06127W	181				24.0	-9	26.1		15	172	-1	3	231	124
80457 PUERTO AYACUCHO	0536N	06730W	74		1004.4	1013.0	24.6	-.5	25.3		20	363	-35	2	126	87
80462 SANTA ELENA DE UAIREN	0436N	06107W	907				21.5	.9	22.7		17	255	26	4	218	114
80472 VALENCIA	1010N	06756W	431		964.4	1011.9	26.6		24.8		10	79			226	
80475 STO. DOMINGO	0735N	07204W	327		977.3	1015.4	23.9		24.0		25	428		6	103	80
SURINAME																
81225 ZANDERIJ	0527N	05512W	15		1011.1	1013.5	26.6				19	164				
FRENCH GUIANA																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1012.5	1013.0	26.7		28.4		20	181	-69			
81405 ROCHAMBEAU	0450N	05222W	9		1012.3	1013.3	26.0		28.2		17	282	38		196	91
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1012.2	1013.0	26.0		27.6		15	162	-42			
81415 MARIPASOULA	0338N	05402W	104								18	158	-60			
BRAZIL																
83064 PORTO NACIONAL	1043S	04835W	239		985.9	1012.8	26.8	1.4	20.8		0	0	-5	4	274	95
83096 ARACAJU	1055S	03703W	5				25.7	1.1	26.1		15	122	-84	2	191	96
83186 JACOBINA	1111S	04028W	485		964.0	1015.9	22.4	1.2	22.0		6	33	-8	2	195	117
83229 SALVADOR	1301S	03831W	51		1010.5	1017.8	24.3	.7	25.6		18	159	-44	3	196	108
83235 TAGUATINGA	1224S	04626W	604								0	0	-2	4		
83236 BARREIRAS	1209S	04500W	439		965.2	1014.2	22.2	.0	22.2		0	0	-1	4	298	106
83242 LENCOIS	1234S	04123W	439		967.7	1017.4	22.2	1.3	23.1		6	33	-32	1	208	142
83288 BOM JESUS DA LAPA	1316S	04325W	440		963.9	1014.0	24.9	1.2	20.1		0	0	-1	3	296	108
83332 POSSE	1406S	04622W	826		923.4	1013.2	23.7	1.8	15.0		0	0	-4	4	278	107
83344 VITORIA DA CONQUISTA	1457S	04053W	840		922.7	1017.5	18.2	.4	19.1		3	10	-7	2	197	120
83358 POXOREO (POXOREU)	1550S	05423W	450		972.3	1012.4	23.3		18.9		0	0		3	250	
83361 CUIABA	1533S	05607W	151		996.6	1017.3	24.1	2.1	22.0		2	30	21	5	228	92
83377 BRASILIA	1547S	04756W	1159		889.2	1014.0	20.3	1.2	12.4		0	0	-11	3	271	102
83423 GOIANIA	1640S	04915W	741		932.9	1014.6	23.4	2.6	14.9		1	2	-4	3		
83437 MONTES CLAROS	1643S	04352W	646		943.9	1016.1	21.3	1.9	15.3		0	0	-3	3	281	109
83498 CARAVELAS	1744S	03915W	3		1018.9	1019.3	22.9	.7	24.2		16	56	-54	1	148	77
83550 SAO MATEUS	1842S	03951W	25		1016.0	1018.8	22.8	1.7	23.6		9	34	-33	2	192	117
83552 CORUMBA	1905S	05730W	130		999.6	1017.4	22.4	.6	19.7		7	61	32	5	214	89
83565 PARANAIBA	1942S	05111W	331		968.2	1015.3	21.9	1.9	16.7		2	12	-19	3	230	86

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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.
83579 ARAXA	1934S	04656W	1004		905.0	1017.1			15.1		1	5	-15	3	270	106
83587 BELO HORIZONTE	1956S	04356W	850		915.4	1015.8	20.9	2.8	14.6		1	2	-13	3	245	96
83592 CARATINGA	1948S	04209W	609		949.6	1018.7	18.8	.8	18.7		1	2	-12	2	210	105
83618 TRES LAGOAS	2047S	05142W	313								5	51	22	4		
83630 FRANCA	2033S	04726W	1026		906.1	1016.9	19.6	4.3	14.9		1	20	-1	2	243	183
83648 VITORIA	2019S	04020W	36				23.0	1.3			5	90	12	4	205	105
83676 CATANDUVA	2108S	04858W	536		953.5	1017.1	20.7	1.6	17.2		3	39	17	4	208	86
83698 CAMPOS	2145S	04120W	11		1017.9	1019.3	22.0		21.1		7	26		3		
83702 PONTA PORA	2232S	05542W	650		940.0	1018.0	16.2	-2	16.3		12	132	77	5		
83704 IVINHEMA	2219S	05356W	369		972.3						10	143	120	6	91	43
83716 PRESIDENTE PRUDENTE	2207S	05123W	436		966.1	1017.5	19.6		17.5		10	56		4	167	
83726 SAO CARLOS	2201S	04753W	856		921.8	1020.0	17.9	1.9	16.2		7	72	42	5	175	148
83738 RESENDE	2229S	04428W	440		966.2						4	48		5	118	65
83766 LONDRINA	2323S	05111W	566		952.4	1018.5	17.0	.4	19.2		15	250	182	5	127	64
83781 SAO PAULO	2330S	04637W	792		928.9	1017.7	16.9	1.1	15.6		10	180	136	6	83	51
83836 IRATI	2528S	05038W	837		918.4	1016.6	12.7		13.5		16	303		5	105	65
83842 CURITIBA	2525S	04916W	924		914.4	1018.4	13.0	.2	13.7		14	247	158	5	91	62
83881 IRAI	2711S	05314W	247		988.1	1017.4	12.8	-6	13.9		13	130	9	3	108	66
83897 FLORIANOPOLIS	2735S	04834W	2		1018.6	1018.9	15.4	-9	15.0		12	115	21	4	134	79
83967 PORTO ALEGRE	3001S	05113W	47		1013.9	1019.8	12.0	-2.5	11.8		7	57	-64	1	137	93
83980 BAGE	3120S	05406W	242		989.8	1019.1	9.2	-3.3	9.4		6	60	-80	1	169	123
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1015.9	1020.1	9.6	-1.7	10.1		4	29	-91	0	157	109
ECUADOR																
84008 SAN CRISTOBAL (GALAPAGOS)	0054S	08937W	8		1011.2		24.3	2.1	28.6		5	18	4	5	181	
84088 IZOBAMBA	0021S	07833W	3058		707.0		12.2	.9	10.0		2	7	-25	1	205	
84132 NUEVO ROCAFUERTE	0055S	07525W	265		990.2		24.9		27.6		22	407	134	1	105	
84135 PORTOVIEJO	0102S	08027W	60		1006.6		25.8	1.7	22.6		0	0	-10	1	140	
84140 PICHILINGUE	0106S	07929W	120		1002.2		24.3	1.0	24.9		1	1	-21	2	64	
84179 PUYO	0130S	07754W	960		908.0		21.0	1.2	21.5		21	331	-8	1	107	
84226 CANAR	0233S	07856W	3083				12.1	.8	11.3		6	18	-4	3	204	
84270 LOJA/LA ARGELIA	0402S	07912W	2160				15.5	.8	13.1		14	56	-1	1	142	
BOLIVIA																
85033 GUAYARAMERIN	1049S	06521W	130		997.5	1012.5	25.5		25.3		5	5		3		
85041 COBIJA	1102S	06847W	235		986.3	1012.8	24.4		24.4		4	52		5		
85043 RIBERALTA	1100S	06607W	141		996.0	1012.2	25.8		25.0		3	13		3		
85104 SAN JOAQUIN	1304S	06449W	140		995.4	1011.6	24.5		23.9		8	75		5		
85109 SAN RAMON	1318S	06442W	140		996.0	1012.2	24.4		23.8		7	50				
85114 MAGDALENA	1320S	06407W	140		996.2	1012.6	24.7		23.8		2	13		4		
85123 SANTA ANA	1346S	06526W	144		997.0	1013.7	24.3		22.5		7	91		5		
85140 REYES	1419S	06723W	140		994.5	1015.6	22.2		22.8		7	65				
85141 RURRENABAQUE	1428S	06734W	204		990.8	1014.8	22.4		24.0		11	147		5		
85152 SAN BORJA	1452S	06652W	194		990.8	1013.0	22.5		23.7		10	205		6		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		993.8	1012.5	22.5		21.9		8	133		6		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
85154 TRINIDAD	1449S	06455W	155		996.4	1014.4	22.9		22.0		11	66		4		
85175 ASCENCION DE GUARAYOS	1543S	06306W	247		986.7	1015.2	22.0		19.9		4	80		5		
85195 SAN JAVIER	1616S	06228W	534		954.8	1015.3	20.0		19.3		9	71		5		
85196 CONCEPCION	1609S	06201W	497		958.5	1015.7	20.9		19.2		7	42		4		
85201 LA PAZ/ALTO	1631S	06811W	4058		630.2		4.5		3.9		3	14		4		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		968.3	1015.6	21.6		19.2		5	27		4		
85210 SAN MATIAS	1620S	05823W	124		1000.6	1015.0	24.5		22.2		4	13				
85223 COCHABAMBA	1725S	06611W	2548		749.2		15.0		8.1		1	8		5		
85242 ORURO	1758S	06704W	3072		656.6		4.5		3.6		2	9		5		
85244 VIRU-VIRU	1738S	06308W	373		971.1	1014.5	20.7		15.7		10	51				
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		966.0	1014.6	20.5		15.4		10	79		4		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		982.9	1016.5	22.0		17.9		5	43		5		
85264 VALLEGRANDE	1828S	06406W	1998				13.8		12.4		5	22				
85268 ROBORE	1819S	05946W	276		984.7	1016.9	21.5		18.7		7	82		5		
85283 SUCRE	1901S	06518W	2904		719.9		12.0		9.3		0	0		4		
85289 PUERTO SUAREZ	1859S	05749W	134		997.9	1013.3	21.6		20.2		9	76		5		
85293 POTOSI	1933S	06544W	3935		631.4		5.6		3.5		0	0				
85312 MONTEAGUDO	1947S	06355W	992		886.7		15.1		12.1		0	0				
85315 CAMIRI	2000S	06332W	798		925.2	1015.1	17.2		11.7		1	3		2		
85345 VILLAMONTES	2115S	06327W	398		969.0	1015.4	17.2		16.9		0	0				
85364 TARIJA	2133S	06442W	1854		814.4		12.5		8.5		0	0		4		
85365 YACUIBA	2157S	06339W	645		941.5	1015.5	14.5		12.1		0	0		1		
85394 BERMEJO	2246S	06419W	381		971.6	1017.5	14.6		12.9		0	0				
CHILE																
85406 ARICA	1821S	07020W	55		1011.5	1016.0	16.4	.8	12.5	-1.3	0	0	-1	3	115	90
85418 IQUIQUE	2032S	07011W	48		1010.5	1016.5	15.9	.7	12.6	-7	0	T	-1	5	164	100
85442 ANTOFAGASTA	2326S	07027W	140		999.6	1016.2	12.8	-6	11.2	-9	01	1	0	5	221	105
85469 ISLA DE PASCUA	2710S	10920W	69		1014.2	1022.2	18.6		17.8		6	46		1	193	120
85488 LA SERENA	2955S	07112W	146		1001.7	1017.8	9.7	-1.0	10.0	-8	1	3	-27	2	220	135
85574 PUDAHUEL	3323S	07047W	474		963.2	1019.7	8.0		8.0		1	9		1	170	125
85577 QUINTA NORMAL	3326S	07041W	520		958.1	1020.2	8.3		8.3		1	14		1	163	135
85585 JUAN FERNANDEZ	3337S	07849W	30		1017.3	1020.8	12.9		10.9		15	89		1	117	130
85629 CURICO	3458S	07113W	220								7	89	-77	2	109	125
85672 CHILLAN	3635S	07202W	148								11	88	-132	1	138	125
85682 CONCEPCION	3646S	07304W	148		1019.4	1020.3	8.2	-6	8.7	-1.2	11	116	-106	1	160	120
85743 TEMUCO	3846S	07238W	93		1009.1	1020.7	5.3	-1.9	7.7	-1.3	14	80	-88	1	136	170
85766 VALDIVIA	3938S	07305W	19								13	136	-176	1	97	150
85782 OSORNO	4036S	07303W	58								10	76	-121	1		
85799 PUERTO MONTT	4126S	07306W	90		1008.8	1020.0	5.4	-1.2	8.2	-6	15	83	-145	1	91	130
85864 COYHAIQUE	4536S	07206W	311		977.9	1015.9	3.3	1.3	6.0	.2	12	50	-110	1	98	120
85874 BALMACEDA	4555S	07142W	522		952.1	1015.8	1.8	1.6	5.3	.3	6	22	-61	1		
85934 PUNTA ARENAS	5300S	07051W	43		1000.7	1005.8	2.2	1.1	5.9	.4	6	29	-1	4	102	140
PARAGUAY																

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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.
86033 BAHIA NEGRA	2014S	05810W	96		1004.4	1014.1	20.1		18.4		5	63		5		
86065 PRAT GILL	2242S	06130W	220		991.5	1017.2	17.1		12.0		1	6		4		
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	167		995.8	1014.3	18.9	-4	14.2	.7	1	1	-13	2		
86086 LA VICTORIA	2217S	05756W	88		1006.5	1016.8	18.0	-1.9	14.7	-1.4	8	53	26	5		
86097 PEDRO JUAN CABALLERO	2335S	05544W	652		952.8	1016.5	16.8		15.8		10	137		5		
86128 POZO COLORADO	2327S	05852W	99		1003.5	1015.1					4	51		5		
86134 CONCEPCION	2325S	05718W	74		1007.5	1017.0	16.8	-1.9	15.4	.0	9	82	40	5		
86210 SALTOS DEL GUAIRA	2403S	05419W	265		980.8	1015.8	16.2		16.2		10	195		5		
86218 ASUNCION/AEROPUERTO	2515S	05731W	101		1007.4	1017.2	14.8	-3.1	13.4	-1.2	9	150	108	5		
86233 VILLARRICA	2546S	05626W	161		997.1	1016.2	14.4	-2.6	13.6	-1.0	8	181	114	6		
86246 AEROPUERTO INT. GUARANI	2521S	05427W	236		989.1	1017.2	14.5		14.3		11	166		5		
86255 PILAR	2651S	05819W	59		1010.9	1017.5	12.5	-4.0	11.7	-2.8	4	59	2	4		
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		1003.4	1018.3	13.5	-2.5	12.7	-9	8	133	55	5		
86297 ENCARNACION	2720S	05550W	91		1006.2	1017.2	12.0	-3.5	12.1	-1.8	7	167	65	5		
URUGUAY																
86330 ARTIGAS	3023S	05630W	123		1004.1	1018.8	9.6	-3.5	9.3	-2.1	3	21	-81	1	191	110
86350 RIVERA	3053S	05532W	242		990.0	1019.0	9.8		9.1		3	48		2	183	115
86430 PAYSANDU	3220S	05802W	61		1012.5	1020.0	9.8		9.2		5	47		2	203	120
86440 MELO	3222S	05611W	100				8.6	-2.9	9.2	-2.0	3	46	-83	1	170	112
86560 COLONIA	3427S	05750W	22		1014.4	1018.1	10.1	-1.3	9.1	-1.6	8	142	73	5		
86565 ROCHA	3429S	05418W	18		1015.5	1017.9	9.4	-1.5	9.2	-2.4	6	67	-40	1	165	120
ARGENTINA																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3462		694.9	3235 Z	4.8	1.0	1.8	-8	0	0	0	1	334	
87016 ORAN AERO	2309S	06419W	357		973.8	1015.9	13.4	-1.0	11.2	-1.8	0	0	-6	1	176	
87022 TARTAGAL AERO	2239S	06349W	450				13.8		10.7		0	0			148	
87046 JUJUY AERO	2423S	06505W	921		913.1	1501 Y	10.3		7.8		0	0		1	234	120
87047 SALTA AERO	2451S	06529W	1238		880.5	1512 Y	8.4	-1.7	6.7	-1.6	0	0	-3	1	242	140
87078 LAS LOMITAS	2442S	06035W	130		1001.8	1017.1	15.3	-1.6	12.8	-4	2	27	15	5	164	85
87097 IGUAZU AERO	2544S	05428W	270		979.0	1018.0	14.0		14.5		11	149		4	90	
87121 TUCUMAN AERO	2651S	06506W	450		964.7	1017.0	11.7		7.7		0	0			212	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		994.1	1018.1	12.0	-6	6.8	-3.2	0	0	-3	1	239	70
87148 PRESIDENCIA ROQUE SAENZ PENA	2644S	06029W	93		1006.2	1017.3	12.2		9.6		2	12		2	214	
87155 RESISTENCIA AERO	2727S	05903W	53		1011.9	1018.2	12.3		10.6		3	42		2	180	110
87162 FORMOSA AERO	2612S	05814W	60		1010.3	1017.5	13.9	-2.9	12.3	-2.6	4	57	8	4	179	93
87178 POSADAS AERO.	2722S	05558W	131		1002.9	1017.9	13.4	-2.8	11.5	-2.8	9	167	64	5	142	
87217 LA RIOJA AERO.	2923S	06649W	438		966.6	1017.5	9.5	-1.4	6.5	-1.8	0	0	-3	1	245	120
87222 CATAMARCA AERO.	2836S	06546W	454		962.3		10.2		6.2		0	0		1	207	115
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		978.7		9.5	-1.8	9.0	-7	1	2	-14	1		
87257 CERES AERO	2953S	06157W	88		1008.3	1018.9	10.8	-1.6	8.2	-3.2	2	14	-4	3	225	132
87270 RECONQUISTA AERO	2911S	05942W	53		1012.8	1019.2	11.2	-2.6	9.3	-4.3	2	26	-13	2	222	128
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1010.4	1018.9	11.2	-2.4	10.9	-2.1	3	19	-71	1	176	145
87305 JACHAL	3015S	06845W	1175		884.6		6.6		4.8		0	0		3	335	
87311 SAN JUAN AERO	3124S	06825W	598		948.3	1019.3	7.0		4.1		0	0		1	254	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.
87320 CHAMICAL AERO	3022S	06617W	467		963.3	1017.7	10.1	-1.6	5.7	-2.8	0	0	-4	1	226	
87328 VILLA DOLORES AERO	3157S	06508W	569		951.6	1018.6	8.7	-1.9	6.2	-1.5	2	17	7	5	246	126
87344 CORDOBA AERO	3119S	06413W	484		962.9	1018.9	9.4	-1.0	5.8	-2.9	2	9	-5	3	234	133
87349 PILAR OBSERVATORIO	3140S	06353W	338		979.0	1019.8	8.4	-1.9	6.4	-2.3	1	8	-7	3	228	125
87374 PARANA AERO	3147S	06029W	78		1010.2	1019.8	10.0	-1.5	8.1	-3.0	2	70	37	5	212	125
87393 MONTE CASEROS AERO	3016S	05739W	54		1012.6	1019.2	11.1	-2.3	9.9	-2.8	2	14	-66	1	201	120
87395 CONCORDIA AERO	3118S	05801W	38		1014.0	1018.6	9.6	-3.2	9.0	-3.2	1	35	-38	1	186	
87418 MENDOZA AERO	3250S	06847W	705		935.9	1018.5	7.6	-.1	4.8	-1.8	2	5	-1	3	238	131
87436 SAN LUIS AERO	3316S	06621W	713		935.2	1019.0	9.4	.0	5.6	-1.4	3	13	3	4	253	124
87448 VILLA REYNOLDS AERO	3344S	06523W	486			1019.8	6.4	-1.5	5.3	-2.2	1	1	-15	1	215	126
87453 RIO CUARTO AERO	3307S	06414W	421				8.9	-.3	5.5	-2.5	2	7	-5	3	178	111
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1005.4	1019.4	7.8	-2.1	7.1	-3.0	3	34	9	4	213	144
87480 ROSARIO AERO	3255S	06047W	25		1016.0	1019.0	8.5	-1.8	7.7	-2.9	3	64	28	4	212	132
87497 GUALEGUAYCHU AERO	3300S	05837W	23		1016.4	1019.2	9.5	-1.5	9.1	-1.9	6	99	44	5		
87506 MALARGUE AERO	3530S	06935W	1426		858.1	1501 Y	3.3	-.2	3.8	-1.5	0	T	-36	1	208	
87509 SAN RAFAEL AERO	3435S	06824W	748		931.1	1019.0	6.6	-.7	4.8	-1.5	1	1	-9	2	214	
87532 GENERAL PICO AERO	3542S	06345W	145		1000.9	1018.1	8.1	-.2	6.0	-2.5	1	5	-16	2	152	
87534 LABOULAYE AERO	3408S	06322W	137		1002.2	1019.1	6.9	-1.9	5.7	-3.0	1	21	5	4	205	132
87544 PEHUAJO AERO	3552S	06154W	87		1008.1	1018.7	8.2	-.1	6.6	-2.7	5	26	0	3		
87548 JUNIN AERO	3433S	06055W	82		1008.7	1018.7	7.4	-1.5	7.2	-2.4	4	114	79	5	193	130
87576 EZEIZA AERO	3449S	05832W	20		1016.6	1019.0	8.8	-.9	8.6	-1.3	5	101	45	5	151	148
87623 SANTA ROSA AERO	3634S	06416W	191		995.0	1018.2	7.1	-.5	5.5	-2.6	1	4	-14	3	186	128
87641 AZUL AERO	3650S	05953W	147			1018.7	5.4		6.7		4	35		3	189	145
87645 TANDIL AERO	3714S	05915W	175		996.6	1018.6	4.9		6.8		4	33		2	175	135
87648 DOLORES AERO	3621S	05744W	10		1017.5	1018.6	6.6	-1.6	7.8	-1.8	4	82	22	4	136	119
87688 TRES ARROYOS	3820S	06015W	115		1003.2	1017.4	6.6		6.9		5	39		3	143	105
87692 MAR DEL PLATA AERO	3756S	05735W	21		1014.9	1017.5	6.2	-1.9	7.5	-1.8	5	65	7	4	109	
87715 NEUQUEN AERO	3857S	06808W	271		985.9	1018.8	6.1	.5	5.4	-.7	2	4	-10	2	185	139
87750 BAHIA BLANCA AERO	3844S	06210W	83			1017.3	7.1	-.5	6.4	-1.4	5	41	12	4		
87765 BARILOCHE AERO	4109S	07110W	845		921.1	1494 Y	2.3	.2	5.2	-.9	9	66	-62	1	145	124
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1014.6	1017.1	6.9	-1.4	5.7	-1.7	3	16	-4	1	191	140
87791 VIEDMA AERO	4051S	06301W	7		1014.9	1015.8	6.8		6.9		7	55		5	206	150
87803 ESQUEL AERO	4256S	07109W	799		922.3	1017.1	2.5	.9	5.0	-.4	9	33	-40	1	147	
87828 TRELEW AERO	4312S	06516W	43		1009.4	1014.6	6.1	.1	6.6	.6	4	21	2	4	180	132
87852 PERITO MORENO AERO	4631S	07101W	429		961.2	1013.1	3.6		5.4			2			141	50
87860 COMODORO RIVADAVIA AERO	4547S	06730W	58		1007.3	1013.0	7.3	.9	5.1	-.6	5	18	-10	3	136	119
87896 PUERTO DESEADO AERO	4744S	06555W	81		1001.1	1011.2	3.8	.2	6.1	-.1	1	7	-20	2	87	
87904 EL CALAFATE AERO	5016S	07203W	204		984.7	1009.9			5.6		01	1			125	
87909 SAN JULIAN AERO	4919S	06745W	62		1002.2	1009.9	4.0		6.0		4	19		4	107	
87925 RIO GALLEGOS AERO	5137S	06917W	20		1004.6	1007.0	2.0	1.1	5.6	.2	8	22	3	4	115	
87938 USHUAIA AERO	5448S	06819W	57		995.2	1002.1	2.0	.7	5.2	-.3	11	69	33	1	47	
ISLANDS																
88903 GRYPVIKEN,	5416S	03630W	3		992.0	992.2	-2		4.5						5	
ANTARCTICA																

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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.
ARGENTINA (ANTARCTIC)																
88963 BASE ESPERANZA	6324S	05659W	24		984.0	992.7	-13.1	-2.3	2.2		0	0	-54	0	20	
88968 BASE ORCADAS	6044S	04444W	8		990.5	992.2	-10.6	-1.2	3.2		13	31	-13	2	44	
89034 BASE BELGRANO II	7752S	03437W	256		955.9	989.7	-21.9		.8		10	56				
89053 BASE JUBANY	6214S	05838W	11		992.3	993.7	-8.5		3.2		4	16			3	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	208		964.2	985.2	-19.1		1.4		6	41			9	
89066 BASE SAN MARTIN	6807S	06708W	7		994.0	994.8	-14.3		1.8		8	34				
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16		987.1	989.2	-13.8		1.3						13	
89571 DAVIS	6835S	07758E	23		984.2	987.3	-14.2		1.5		2	6	0	3		
89611 CASEY	6617S	11030E	42		982.2	987.7	-9.4		2.7		6	27			4	
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO PDTE.	6211S	05859W	48		986.8	992.3	-8.4		2.9	-6	13	87		3	15	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		989.9	991.1	-9.9	-1.4	2.4	-2	3	10	-55	1	15	
GERMANY (ANTARCTIC)																
89002 NEUMAYER	7040S	00815W	50		981.5	986.8	-22.4		.9						0	
JAPAN (ANTARCTIC)																
89532 SYOWA	6900S	03935E	21		984.4	987.3	-16.3	1.5	1.6	.4					16	
UKRAINE (ANTARCTIC)																
89063 VERNADSKY	6515S	06416W	11		991.6	992.7	-6.8		2.8		8	36				
UNITED KINGDOM (ANTARCTIC)																
89022 HALLEY	7535S	02639W	35		983.9	987.8	-27.4		.7							
89062 ROTHERA	6734S	06808W	33		989.5	993.8	-11.2		2.3						12	
89065 FOSSIL BLUFF	7120S	06817W	69		985.5	993.9	-21.7		1.1							
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48601 PENANG/BAYAN LEPAS	0518N	10010E	4		1009.1	1009.5	28.0	1.1	30.1	.2	9	251	59	4		
48615 KOTA BHARU	0610N	10210E	5		1008.8	1009.4	27.8	.7	29.0	-.3	12	172	18	4		
48647 KUALA LUMPUR/SUBANG	0307N	10130E	27		1007.2	1009.7	28.4	1.8	27.0	-1.7	8	117	-12	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.
48657 KUANTAN	0347N	10310E	16		1007.7	1009.5	27.6	1.3	30.4	1.3	10	95	-77	1		
48665 MALACCA	0216N	10210E	9		1009.4	1010.3	27.7	1.3	29.4	-2	10	208	44	4		
SINGAPORE																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10350E	16		1008.1	1009.9	28.2	1.1	30.8	1.0	13	161	16	4	192	103
USA (PACIFIC OCEAN NORTH)																
91165 LIHUE, KAUAI, HAWAII	2159N	15920W	32			1017.0	26.1	.0	23.7		11	112	58	5		
91182 HONOLULU, OAHU, HAWAII	2121N	15750W	5			1015.9	27.7	.8	21.9		2	9	-6	3		
91212 NWSO AGANA, GUAM, MARIANA IS	1328N	14440E	75			1008.2	28.1	.3			21	252	-15	3		
91285 HILO/GEN. LYMAN, HAWAII, HAW	1943N	15500W	11			1016.4	24.4	.1	22.5		23	207	-39	3		
91334 CHUUK, ECI	0727N	15150E	4			1008.2	27.9	.5	31.2		24	422	57	4		
91348 POHNPEI, CAROLINE IS.	0658N	15810E	38			1009.1	27.1	.2	31.4		15	320	-147	2		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16740E	8			1008.8	28.4	.7	32.8		25	256	-9	3		
91376 MAJURO/MARSHALL IS. INTNL.	0705N	17120E	3			1008.4	28.2	1.0	31.7		19	240	-90	2		
91408 KOROR, PALAU WCI.	0720N	13420E	30			1008.5	27.4	.0	30.2		27	722	264	5		
91413 YAP, CAROLINE IS.	0929N	13800E	16			1008.0	27.7	.6	31.1		26	435	66	4		
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	24		1012.4	1014.5	20.2	.2	18.0		4	119	66			
91592 NOUMEA (NLLE-CALEDONIE)	2217S	16627E	72		1006.9	1014.9	20.1	.4	16.9		9	143	70		147	81
FIJI																
91650 ROTUMA	1230S	17700E	26			1010.6	27.1		29.8		21	251		4	161	80
91680 NADI AIRPORT	1745S	17720E	18			1012.8	23.4	.0	23.1		3	74	27	4	213	98
91683 NAUSORI	1803S	17830E	7			1013.8	23.2		24.1		16	101		3		
91699 ONO-I-LAU AWS	2040S	17840W	28				22.5		20.7		6	62		2		
DETACHED ISLANDS																
91753 HIHIFO (ILE WALLIS)	1314S	17611W	27		1007.9	1011.0	27.0		29.5		16	208			137	
SAMOA AND AMERICAN SAMOA																
91765 PAGO PAGO/INT.AIRP.	1420S	17040W	6		1011.4	1011.7	27.0		29.8		5	151				
NIUE																
91824 HANAN AIRPORT	1905S	16950W	59				23.3									
COOK ISLANDS																
91843 RAROTONGA	2112S	15940W	7		1016.4	1017.0			21.3						186	

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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.
FRENCH POLY. (MARQUESAS IS) 91925 ATUONA	0949S	13902W	53		1006.0	1012.0	25.8		26.5		19	103	-33		170	84
FRENCH POLY. (SOCIETY IS) 91929 BORA-BORA 91938 TAHITI-FAAA	1627S 1733S	15145W 14937W	3 2		1013.5 1014.1	1013.8 1014.3	26.3 26.1		26.4 24.5		8 4	75 42	-18		250	106
FRENCH POLY. (TUAMOTU IS) 91943 TAKAROA 91945 HEREHERETUE 91948 RIKITEA	1429S 1954S 2308S	14502W 14557W 13458W	3 3 91		1013.2 1015.5 1007.1	1013.5 1015.8 1017.5	26.8 24.2 21.7		26.8 23.0 20.8		12 3 8	34 34 73	-56 -94		231 135	88
FRENCH POLY. (AUSTRAL IS) 91954 TUBUAI 91958 RAPA	2321S 2737S	14929W 14420W	3 2		1016.3 1015.5	1016.6 1015.7	21.2 19.1		19.4 16.4		8 15	101 204	-43		177 127	101
NEW ZEALAND 93012 KAITAIA 93292 GISBORNE AERODROME AWS 93309 NEW PLYMOUTH AWS 93417 PARAPARAUMU AERODROME 93615 HOKITIKA AERODROME AWS 93678 KAIKOURA 93780 CHRISTCHURCH 93844 INVERCARGILL AERODROME 93947 CAMPBELL ISLAND AWS 93987 CHATHAM ISLANDS AWS 93994 RAOUL ISLAND, KERMADEC IS. A	3506S 3839S 3901S 4054S 4243S 4225S 4329S 4625S 5233S 4357S 2915S	17310E 17750E 17410E 17450E 17050E 17340E 17230E 16810E 16900E 17630W 17750W	54 5 32 12 45 105 38 4 19 49 49				11.5 9.4 9.2 8.3 7.1 7.4 5.2 5.3 3.9 6.8 16.2	.2 -1 .0	11.7 9.7 9.6 9.6 8.1 7.2 6.9 7.2 7.1 8.4 14.5		16 14 15 7 18 7 7 16 29 15 10	146 159 113 56 280 34 37 128 126 69 69	-2 41 -52	2 4 2 1 5 2 2 5 4 2 1	148 90 148 102	105 70 115 110
AUSTRALIA 94120 DARWIN AIRPORT 94131 TINDAL RAAF 94150 GOVE AIRPORT 94170 WEIPA AERO 94203 BROOME AIRPORT 94212 HALLS CREEK AIRPORT 94238 TENNANT CREEK MET OFFICE 94287 CAIRNS AERO 94294 TOWNSVILLE AERO 94299 WILLIS ISLAND 94300 CARNARVON AIRPORT 94302 LEARMONTH AIRPORT	1225S 1431S 1217S 1241S 1757S 1814S 1938S 1653S 1915S 1618S 2453S 2214S	13050E 13220E 13640E 14150E 12210E 12740E 13410E 14540E 14640E 14950E 11340E 11400E	35 135 54 19 17 424 377 8 9 9 8 6		1009.1 998.8 1007.2 1011.0 1014.1 967.2 973.6 1014.8 1015.8 1013.8 1018.1 1017.4	1013.1 1014.4 1013.3 1013.2 1015.1 1016.0 1017.3 1015.7 1016.9 1014.8 1019.0 1018.0	24.3 21.7 23.7 24.2 22.7 21.1 19.0 21.2 19.6 24.0 16.4 18.0		17.3 10.9 20.6 19.2 13.0 7.0 6.4 17.0 14.6 19.2 11.8 12.2		0 0 1 0 01 0 0 2 0 0 4 2	0 0 6 0 1 0 0 5 0 3 13 5	-1 -1 -6 -20 -10 -4 -6 -28 -28 -21	1 5 1 3 1 1 1 1 1 2 2 3	322 270 284 308 313 242 292	103 120 109 114

SURFACE

JULY 2009

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	QUANTILE	TOTAL	% of AV.
94312 PORT HEDLAND AIRPORT	2022S	11830E	10		1015.5	1016.5	20.3		11.3		01	1	-7	3		
94313 WITTENOOM	2215S	11820E	464		964.3	1017.8			8.4		1	4		3		
94317 NEWMAN AERO	2325S	11940E	526		958.1	1018.9	15.0		8.2		1	2		2		
94326 ALICE SPRINGS AIRPORT	2348S	13350E	547		956.4	1020.5	13.3		6.0		0	0	-16	1	296	104
94332 MOUNT ISA AERO	2041S	13920E	342		977.8	1017.6	16.3		6.9		0	0	-9	1	325	108
94339 WINTON POST OFFICE	2223S	14300E	184		996.1	1017.7	16.1		9.1		0	0		3		
94340 RICHMOND POST OFFICE	2044S	14300E	214		991.3	1016.4			8.0		0	0		3		
94346 LONGREACH AERO	2326S	14410E	192		995.3	1018.0	15.6		6.1		0	0	-23	1		
94367 MACKAY MO	2107S	14910E	33		1013.2	1017.6	17.7		15.1		01	1	-47	0	297	130
94374 ROCKHAMPTON AERO	2323S	15020E	14		1016.1	1017.9	16.6		11.1							
94380 GLADSTONE RADAR	2351S	15110E	75		1009.2	1018.1	18.0		12.7		01	1		1		
94403 GERALDTON AIRPORT	2848S	11440E	37		1016.2	1020.5	13.2		11.4		13	89	1	3		
94430 MEEKATHARRA AIRPORT	2637S	11830E	522		959.5	1020.3	13.0		8.1							
94461 GILES METEOROLOGICAL OFFICE	2502S	12810E	599		950.3	1020.0	14.2		6.8		2	8	1	5	280	99
94476 OODNADATTA AIRPORT	2733S	13520E	118		1006.2	1020.3	14.2		7.5		01	1		2		
94480 MARREE	2939S	13800E	51		1014.3	1020.5			8.6		1	2		2		
94485 TIBOOBURRA POST OFFICE	2926S	14200E	184						7.5		1	3	-15	2		
94510 CHARLEVILLE AERO	2625S	14610E	306		983.4	1019.6	12.3		7.2		01	1	-23	1		
94517 ST GEORGE AIRPORT	2803S	14830E	200		995.4	1019.3	12.2		8.3		2	6				
94568 AMBERLEY AMO	2738S	15240E	31		1015.2	1019.0	12.6		9.5		1	3	-65	1		
94570 TEWANTIN RSL PARK	2623S	15300E	7		1017.4	1018.2	15.2		12.3			2				
94578 BRISBANE AERO	2723S	15300E	10		1017.0	1018.1	14.4		11.0		1	3	-65	1	262	
94589 YAMBA PILOT STATION	2926S	15320E	30		1014.2	1017.6	14.6		11.2		7	73		4		
94601 CAPE LEEUWIN	3422S	11500E	14		1016.4	1018.1	14.0		11.0		14	160		2		
94602 ROTTNEST ISLAND	3201S	11530E	43		1014.1	1019.3	14.2		11.2		15	103		3		
94610 PERTH AIRPORT	3156S	11550E	20		1017.3	1019.7	12.2		10.4		13	133	-25	2	195	
94619 DALWALLINU COMPARISON	3017S	11640E	338						10.4		13	79		5		
94635 LAKE GRACE COMPARISON	3307S	11820E	287						9.9		9	29		2		
94637 KALGOORLIE-BOULDER AIRPORT	3047S	12120E	370		976.3	1020.5	10.4		8.7		4	27	2	4		
94638 ESPERANCE	3350S	12150E	27		1015.2	1018.5	12.1		10.4		13	94	-7	3		
94647 EUCLA	3141S	12850E	102		1006.7	1019.0	12.4		10.2		6	20		3		
94653 CEDUNA AMO	3208S	13340E	24		1016.6	1018.5	12.8		10.5		10	57	17	5	187	93
94659 WOOMERA AERODROME	3109S	13640E	168		999.2	1019.5	12.2		8.2		3	12	-4	4	227	102
94672 ADELAIDE AIRPORT	3457S	13830E	8		1016.2	1017.2	12.0		10.4		14	65	-1	3	158	105
94681 NURIOOTPA VITICULTURAL	3429S	13900E	276		984.7	1018.0	9.4		9.5		14	72	5	6	159	112
94689 BROKEN HILL (PATTON STREET)	3159S	14120E	315						8.0		3	21		3		
94693 MILDURA AIRPORT	3414S	14200E	53		1011.9	1018.3	10.2		8.6		4	12	-14	2	191	110
94711 COBAR MO	3129S	14550E	264		987.7	1019.4	10.3		8.7		4	17	-12	2	195	93
94738 SCONE SCS	3204S	15050E	216						9.2		4	30		4		
94740 GUNNEDAH SCS	3102S	15010E	307						8.5		6	23		3		
94750 NOWRA RAN AIR STATION AWS	3457S	15030E	122		1003.6	1016.2	11.5		8.3		6	18	-30	1		
94767 SYDNEY AIRPORT AMO	3356S	15110E	6		1016.2	1016.8	13.1		9.1		8	53	-1	3	226	109
94776 WILLIAMTOWN RAAF	3248S	15150E	10		1016.0	1017.1	11.3		9.8		10	53	-10	3	207	99
94791 COFFS HARBOUR MO	3019S	15300E	6		1016.6	1017.4	13.1		10.3		5	47	-15	3	242	110
94802 ALBANY AIRPORT	3456S	11740E	71		1009.3	1017.6	11.3		10.5		15	140	18	4	174	
94812 ROBE	3710S	13940E	4		1014.9	1015.4			11.3		21	171		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	QUANTILE	TOTAL	% of AV.
94814 STRATHALBYN RACECOURSE	3517S	13850E	58		1009.4	1016.4	11.3		9.7		15	93		6		
94821 MOUNT GAMBIER AERO	3744S	14040E	69		1006.6	1015.0	9.3		9.8		18	151	48	5	136	102
94826 CAPE NELSON LIGHTHOUSE	3826S	14130E	47		1008.5	1014.2	10.9		10.8		19	157		6		
94842 CAPE OTWAY LIGHTHOUSE	3851S	14330E	83		1004.0	1014.0	10.5		9.6		20	140		4		
94865 LAVERTON RAAF	3752S	14440E	20		1013.0	1015.6	10.2		9.2		6	30	-13	2		
94866 MELBOURNE AIRPORT	3740S	14450E	132		1001.6	1016.1	9.6		8.5		8	25	-13	3	158	
94893 WILSONS PROMONTORY LIGHTHOUS	3907S	14620E	97		1001.3	1013.0	11.2		9.6		22	258		6		
94907 EAST SALE AIRPORT	3806S	14700E	8		1014.0	1015.0	9.1		8.2		6	25	-18	2	196	124
94910 WAGGA WAGGA AMO	3510S	14720E	221		992.6	1018.6	8.0		8.8		9	37	-18	2	161	130
94917 ORBOST (COMPARISON)	3741S	14820E	42						8.3		8	40		2		
94926 CANBERRA AIRPORT	3518S	14910E	580		949.3	1018.5	6.7		7.5		5	30	-11	3	204	118
94937 MORUYA HEADS PILOT STATION	3555S	15000E	17		1013.2	1015.2			9.7		4	15		2		
94954 CAPE GRIM BAPS	4040S	14440E	94		1001.0	1012.1	10.4		9.7		21	150		5		
94967 CAPE BRUNY LIGHTHOUSE	4330S	14700E	55		1002.5	1009.3	9.1		8.7		19	139		4		
94975 HOBART AIRPORT	4250S	14730E	27		1006.8	1010.1	8.6		7.7		12	43	-6	3	148	100
94983 EDDYSTONE POINT	4100S	14820E	21		1009.4	1011.9	10.0		9.9		11	76		2		
95322 RABBIT FLAT	2011S	13000E	340		978.0	1017.6	17.8		6.4		0	0			317	
95527 MOREE AERO	2929S	14950E	218		993.1	1019.3	10.8		8.4		3	11			245	110
95646 FORREST	3050S	12800E	160		1000.7	1020.0	11.9		9.3		3	14				
95670 RAYVILLE PARK	3347S	13810E	109		1004.8	1018.0	10.1		10.0		11	41		4		
95719 DUBBO AIRPORT AWS	3213S	14830E	285		985.2	1019.6	8.7		8.9		6	25				
95753 RICHMOND RAAF	3336S	15040E	21		1014.9	1017.3	10.5		8.9		5	17				
95869 DENILIQUIN AIRPORT AWS	3534S	14450E	96		1006.1	1017.7										
95916 CABRAMURRA SMHEA	3556S	14820E	1483				.8		5.9		13	236				
95964 LOW HEAD	4103S	14640E	4		1011.5	1011.9	10.2		9.6		9	82				
95971 GROVE RESEARCH STATION	4259S	14700E	63						8.6		9	64		2	83	75
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15900E	7		1014.9	1015.7	16.4		12.0		17	85	-70	0		
94996 NORFOLK ISLAND AERO	2902S	16750E	117		1001.0	1014.8	16.0		13.2		17	144	21	4	169	93
94998 MACQUARIE ISLAND	5430S	15850E	8		999.2	1000.2	2.6		6.4		20	59	-10	3	25	104
INDONESIA																
96001 SABANG/CUT BAU	0552N	09519E	126		995.7	1010.4	27.8		29.9		9	43			151	
96035 MEDAN/POLONIA	0334N	09841E	25			1012.8	27.8		28.8		11	192		3	126	100
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1009.1	1009.8	25.8		28.0			263		2	149	65
96109 PEKAN BARU/SIMPANGTIGA	0028N	10120E	31		1004.5	1008.4	28.2		22.4		8	74		4	161	
96163 PADANG/TABING	0053S	10020E	3		1010.0	1010.7	26.8		27.2		12	466			177	85
96171 RENGAT/JAPURA	0020S	10210E	46		1007.2	1009.7	27.2		28.4		4	53		1	145	115
96221 PALEMBANG/ST. M. BADARUDIN I	0254S	10440E	10		1008.5	1010.3	27.2		28.5		3	28			203	95
96249 TANJUNG PANDAN/BULUH TUMBANG	0245S	10740E	44		1003.7	1009.9	26.6		28.8		8	88		1	188	105
96509 TARAKAN/JUWATA	0320N	11730E	6		1008.9	1009.9	27.7		29.8		16	246			163	
96581 PONTIANAK/SUPADIO	0009S	10920E	3		1008.6	1009.3	27.2		28.6			12		1	203	110
96633 BALIKPAPAN/SEPINGGAN	0116S	11650E	3		1009.6	1010.4	27.5		30.0		13	260		5	137	110
96745 JAKARTA/OBSERVATORY	0611S	10650E	8			1010.9	29.0		27.0		1	3		1	171	95

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.	
96749 JAKARTA/SOEKARNO-HATTA	0607S	10630E	8			1010.8	27.3			27.5		2	41			227	
96791 CIREBON/JATIWANGI	0645S	10810E	50		1005.1	1011.0	27.2			24.0		1				247	125
96797 TEGAL	0651S	10900E	10		1010.2	1010.6	27.2			25.6		0	0			267	120
96805 CILACAP	0744S	10900E	6		1011.9	1012.9	26.3			27.0		4	146			171	70
96933 SURABAYA/PERAK I	0713S	11240E	3		1010.7	1011.4	28.3			26.0		0	0		2	231	130
97014 MENADO/ SAM RATULANGI	0132N	12450E	80		1000.7	1010.0	26.7			26.0		10	118		2	176	95
97048 GORONTALO/JALALUDDIN	0031N	12300E	2			1008.7	26.9			27.7		6	46			223	
97146 KENDARI/WOLTER MONGINSIDI	0406S	12220E	50		1004.8	1010.8	25.9					11	221				
97180 UJUNG PANDANG/HASANUDDIN	0504S	11930E	14		1009.0	1010.8	26.9			26.4		5	32		3	224	90
97230 DENPASAR/NGURAH RAI	0845S	11510E	1			1012.1	26.5			28.0		9	214		5	271	
97260 SUMBAWA BESAR/BRANGBIJI	0826S	11720E	3		1009.8	1010.4	26.4			22.0		0	0		0	287	120
97340 WAINGAPU/MAU HAU	0940S	12020E	12			1012.6	25.4			23.3		1	2		3	213	105
97372 KUPANG/ELTARI	1010S	12340E	108		1011.1	1011.9	25.6			21.5		0	0			229	105
97502 SORONG/JEFMAN	0056S	13100E	3		1009.1	1009.4	25.8			29.4		16	391			140	
97560 BIAK/FRANS KAISIEPO	0111S	13600E	11		1007.3	1008.8	27.1			30.7		25	298		6	130	60
97686 WAMENA	0404S	13850E	1660		835.6	1008.8	18.6					23	209		4	51	
97690 JAYAPURA/SENTANI	0234S	14020E	99		998.4	1008.6	26.4			30.2		14	160			40	
97900 SAUMLAKI/OLILIT	0759S	13110E	24		1010.0	1013.2	26.6			26.0		5	40			218	115
97980 MERAUKE/MOPAH	0828S	14020E	3		1010.5	1011.2	25.5			25.0		3	13		3	125	60
BRUNEI DARUSSALAM																	
96315 BRUNEI AIRPORT	0456N	11450E	22		1007.4	1009.3	27.7			30.0	.4	11	185	-34	2	181	82
MALAYSIA (SABAH AND SARAWAK)																	
96413 KUCHING	0129N	11020E	27		1007.2	1009.9	27.1			28.0		12	158		3		
96421 SIBU	0220N	11150E	31		1006.6	1010.2	26.9			27.8		7	154		3		
96441 BINTULU	0312N	11300E	5		1006.8	1009.5	27.1	.4		28.7		11	70	-184	0		
96449 MIRI	0420N	11350E	18		1007.5	1009.5	27.1	.2		28.7		10	124	-82	2		
96465 LABUAN	0518N	11510E	30		1006.2	1009.5	27.8			31.4	1.3	9	127		1		
96471 KOTA KINABALU	0556N	11600E	3		1009.5	1009.8	27.4			28.4		18	238		3		
96481 TAWAU	0416N	11750E	20		1007.5	1009.4	27.1			28.7		7	120	-87	1		
96491 SANDAKAN	0554N	11800E	13		1007.9	1009.1	27.9	.8		29.3		10	251		4		
ISLANDS																	
96995 CHRISTMAS ISLAND AERO	1027S	10540E	279		983.0	1012.7	24.1			24.9		13	108		4		
96996 COCOS ISLAND AERO	1211S	09650E	4		1012.5	1012.9	26.6			26.7		14	369	172	5		
PHILIPPINES																	
98223 LAOAG	1811N	12030E	5		1005.6	1006.2	28.1			31.7		17	1004		5	209	
98232 APARRI	1822N	12130E	3		1006.9	1007.6	29.0	.3		32.9	.8	9	359	96			
98233 TUGUEGARAO	1737N	12140E	62		999.1	1006.2	28.0			28.8		16	278			222	
98325 DAGUPAN	1603N	12020E	2		1006.5	1006.8	27.9	-2		31.3	.2	21	488	-19			
98328 BAGUIO	1625N	12030E	1501		849.2	1006.0	18.7			20.6		30	758			234	

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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.
98330 CABANATUAN	1529N	12050E	32		1004.4	1007.6	28.5		33.6		23	454				
98430 SCIENCE GARDEN	1438N	12100E	46		1002.2	1007.1	27.3		30.7		24	660			139	
98444 LEGASPI	1308N	12340E	17		1005.4	1007.3	28.0	.2	31.7	1.0	22	257	-9			
98550 TACLOBAN	1115N	12500E	3		1007.5	1007.8	28.0	.2	31.7	1.8	18	223	56		162	
98637 ILOILO	1042N	12230E	8		1008.0	1008.7	26.5	-1.1	28.1	-3.0	16	356	43			
98644 TAGBILARAN	0936N	12350E	8		1007.7	1008.6	28.2		31.7		11	116				
98646 MACTAN	1018N	12350E	24		1007.2	1010.2	27.4	-9	31.7	1.3	20	121	-36			
98653 SURIGAO	0948N	12530E	55		1002.9	1007.4	28.2	.4	31.7	1.3	18	116	-21			
98755 HINATUAN	0822N	12620E	3		1007.8	1008.2	27.9				12	133				
98836 ZAMBOANGA	0654N	12200E	6		1008.9	1009.7	27.1	-3	30.0	.4	13	181	45		130	

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
NOVEMBER 2008 ASIA PAKISTAN 41560 PARACHINAR JANUARY 2009 ASIA MALDIVES	3352N	07005E	1726								4	24	7	4		

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
43555 MALE FEBRUARY 2009 ASIA	0412N	07332E	2				28.2	2.3			5	85			274	110
MALDIVES 43555 MALE MARCH 2009 ASIA	0412N	07332E	2				28.6	2.6			3	13			281	109
MALDIVES 43555 MALE APRIL 2009 ASIA	0412N	07332E	2				29.5	3.1			3	37			320	115
MALDIVES 43555 MALE MAY 2009 ASIA	0412N	07332E	2				29.3	2.4			7	92			250	102
MALDIVES 43555 MALE ANTARCTICA	0412N	07332E	2				29.2	2.5			17	175			234	105

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
UKRAINE (ANTARCTIC) 89063 VERNADSKY JUNE 2009 ASIA	6515S	06416W	11		984.1	985.2	-2.6		.1		7	25				
MALDIVES 43555 MALE S AMERICA	0412N	07332E	2				28.9	2.6			14	213			229	113
BRAZIL 83726 SAO CARLOS 83997 ST.VITORIA DO PALMAR	2201S 3331S	04753W 05321W	856 24		921.8 1015.9	1020.0 1020.1	17.9 9.6	1.2 -1.9	16.2 10.1		7 4	72 29	32 -73	5 0	175 157	146 110

UPPER AIR

JULY 2009

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 2009 7056N 00840W OB 3									EUROPE - NORWAY BJORNOYA 01028 JUL 2009 7431N 01901E OB 3									EUROPE - NORWAY BODO 01152 JUL 2009 6717N 01427E OB 3								
030	24488	0	-43.9	34.9	0	95	98	4	030	24529	0	-43.2	35.7	0	91	94	3	030	24458	0	-44.8	35.3	0	94	94	4
050	21073	0	-45.3	34.5	0	90	103	3	050	21104	0	-44.7	35.2	0	76	97	2	050	21059	0	-46.3	34.9	0	80	110	2
100	16462	0	-46.2	34.4	0	53	117	2	100	16474	0	-45.2	35.1	0	14	76	1	100	16466	0	-46.9	34.7	0	17	212	1
150	13764	0	-45.5	34.6	0	32	111	1	150	13764	0	-44.0	35.4	0	11	330	1	150	13772	0	-45.5	35.1	0	26	234	2
200	11847	0	-46.2	31.6	0	14	107	1	200	11834	0	-44.6	33.0	0	13	339	1	200	11853	0	-46.1	32.5	0	26	242	2
300	9181	0	-45.9	10.4	0	1	192	3	300	9150	0	-45.5	11.3	0	25	348	3	300	9185	0	-45.4	10.7	0	27	269	3
500	5592	0	-19.7	12.4	0	16	29	1	500	5561	0	-20.1	12.5	0	25	349	2	500	5583	0	-18.6	14.3	0	20	284	1
700	3014	0	-3.8	9.8	0	31	25	2	700	2989	0	-4.6	10.6	0	24	12	1	700	2995	0	-3.4	9.2	0	6	246	1
850	1457	0	4.1	8.5	0	38	44	2	850	1439	0	2.3	5.8	0	29	26	2	850	1433	0	5.7	5.7	0	33	170	1
1015	* 9		6.7	2.6					1012	* 18		3.9	1.4					1006	* 33		13.6	4.7				
EUROPE - NORWAY ORLAND III 01241 JUL 2009 6342N 00936E OB 3									EUROPE - NORWAY STAVANGER/SOLA 01415 JUL 2009 5852N 00540E OB 3									EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 JUL 2009 6358N 02236W OB 3								
030	24412	0	-45.1	35.3	9	97	82	4	030	24400	0	-46.5	34.7	3	94	98	3	030	24419	0	-44.7	35.2	9	96	95	7
050	21021	0	-47.4	34.6	9	85	94	3	050	21027	0	-48.3	34.2	3	80	120	2	050	21020	0	-46.5	34.7	7	89	98	5
100	16456	0	-48.4	34.2	9	33	6	1	100	16469	0	-47.9	34.3	3	82	198	3	100	16422	0	-46.7	34.7	4	76	95	4
150	13780	0	-47.2	34.6	9	62	346	3	150	13789	0	-46.5	34.3	3	76	214	4	150	13728	0	-46.2	34.9	1	56	98	4
200	11877	0	-48.1	29.9	9	72	334	4	200	11880	0	-47.4	30.5	3	65	218	5	200	11811	0	-46.4	32.0	0	47	93	4
300	9218	0	-45.4	8.1	9	54	324	4	300	9217	0	-44.7	9.7	3	43	222	4	300	9150	0	-46.2	8.8	0	27	79	5
500	5604	0	-17.7	15.9	9	59	342	3	500	5597	0	-17.3	12.3	3	54	217	3	500	5567	0	-20.4	12.2	0	45	69	5
700	3005	0	-1.9	11.6	9	40	9	1	700	2997	0	-1.8	6.8	3	47	213	2	700	2996	0	-4.4	9.7	0	59	74	5
850	1435	0	7.6	7.9	9	36	50	1	850	1426	0	7.1	3.9	3	56	201	2	850	1443	0	3.4	4.9	0	58	75	4
1008	* 10		13.6	4.0					1004	* 37		15.8	35.4					1008	* 54		11.9	4.5				
EUROPE - DENMARK AND FAROE ISLANDS TORSHAVN 06011 JUL 2009 6201N 00646W OB 3									EUROPE - NETHERLANDS DE BILT 06260 JUL 2009 5206N 00511E OB 1									EUROPE - FRANCE BORDEAUX MERIGNAC 07510 JUL 2009 4450N 00041W OB 3								
030	24448	0	-44.9	35.2	0	96	97	7	030	24337	0	-48.0	33.3	9	94	92	8	030	24260	0	-49.9	33.8	2	95	99	9
050	21050	0	-46.5	34.3	0	92	106	5	050	20991	0	-50.9	32.2	9	62	136	3	050	20956	0	-54.3	32.5	2	67	100	4
100	16455	0	-46.4	34.4	0	69	136	4	100	16501	0	-51.9	31.8	5	85	239	9	100	16563	0	-57.7	31.4	1	93	250	13
150	13758	0	-45.7	34.2	0	58	147	5	150	13863	0	-50.3	31.6	5	89	247	16	150	14001	0	-56.5	28.6	1	93	256	23
200	11844	0	-46.6	29.7	0	52	150	6	200	11985	0	-50.8	22.9	4	87	250	22	200	12175	0	-56.1	13.7	1	91	259	29
300	9182	0	-45.5	8.3	0	42	136	7	300	9322	0	-42.7	9.9	3	76	248	22	300	9511	0	-38.8	12.3	1	91	258	26
500	5576	0	-18.5	11.7	0	45	127	5	500	5672	0	-15.8	14.0	2	84	243	15	500	5798	0	-11.5	16.9	1	91	257	20
700	2985	0	-2.5	9.6	0	45	114	4	700	3055	0	-4	10.0	3	87	243	11	700	3139	0	4.0	16.0	0	88	253	13
850	1421	0	4.5	5.1	0	53	83	5	850	1477	0	8.2	4.0	2	86	246	9	850	1537	0	11.8	8.1	0	84	260	7
1003	* 61		11.1	1.9					1012	* 4		17.9	5.0					1013	* 61		18.5	3.8				

UPPER AIR

JULY 2009

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 2009 4352N 00424E OB 3									EUROPE - FRANCE AJACCIO 07761 JUL 2009 4155N 00848E OB 3									EUROPE - SPAIN LA CORUNA 08001 JUL 2009 4322N 00825W OB 3									
030									030										030	24269	0	-49.4	33.9	9	95	96	4
050	20995	0	-54.1	32.7	3	64	105	4	050	20961	0	-55.5			3	83	102	5	050	20953	0	-54.0	32.2	4	69	116	2
100	16600	0	-59.3	29.8	1	79	256	10	100	16627	0	-61.9			2	82	255	9	100	16558	0	-58.2	30.7	3	93	253	7
150	14050	0	-57.3	27.8	0	91	265	22	150	14097	0	-58.9			0	93	272	21	150	13999	0	-56.9	28.6	2	93	255	12
200	12234	0	-55.7	14.1	0	89	267	26	200	12285	0	-55.7			0	90	275	23	200	12178	0	-56.8	13.4	1	91	258	14
300	9563	0	-38.3	12.8	0	90	267	23	300	9606	0	-37.7	21.9		0	88	275	19	300	9518	0	-38.4	15.1	1	90	259	12
500	5841	0	-10.6	13.5	0	92	264	17	500	5871	0	-9.2	18.2		0	94	278	15	500	5793	0	-11.0	16.5	0	91	254	10
700	3165	0	6.5	16.0	0	79	268	10	700	3182	0	8.1	17.8		0	91	283	11	700	3127	0	4.2	18.9	0	87	251	6
850	1545	0	15.1	11.2	0	36	256	3	850	1550	0	17.7	15.1	1	70	291	4	850	1530	0	10.3	10.7	0	74	247	3	
1010	* 62		29.2	17.1					1016	* 9		27.5	9.1						1011	* 67		18.8	4.6				
EUROPE - SPAIN SANTANDER 08023 JUL 2009 4329N 00348W OB 3									EUROPE - SPAIN MADRID/BARAJAS 08221 JUL 2009 4030N 00335W OB 3									EUROPE - SPAIN MURCIA 08430 JUL 2009 3800N 00110W OB 3									
030	24269	0	-49.7	33.6	8	93	95	5	030	24224	0	-50.7	33.0	0	95	99	9	030	24216	0		9.7	9	96	97	5	
050	20962	0	-54.5	31.7	2	71	108	2	050	20934	0	-56.0	31.0	0	75	109	4	050	20928	0		10.1	9	87	101	3	
100	16577	0	-58.5	30.4	0	94	251	7	100	16609	0	-62.1	26.0	0	91	252	13	100	16649	0		25.2	6	87	252	5	
150	14024	0	-57.3	28.2	0	94	254	12	150	14094	0	-60.0	21.8	0	94	258	23	150	14155	0		26.2	5	92	262	9	
200	12204	0	-56.2	14.0	0	93	255	14	200	12286	0	-55.8	14.3	0	91	261	24	200	12348	0		26.4	4	84	264	9	
300	9538	0	-38.7	15.6	0	94	257	13	300	9609	0	-37.5	15.3	0	92	254	20	300	9656	0		25.8	4	83	258	7	
500	5813	0	-10.7	17.4	0	94	252	9	500	5872	0	-9.3	17.3	0	95	253	17	500	5915	0		25.4	4	94	254	7	
700	3149	0	5.2	22.0	0	92	243	7	700	3184	0	8.0	19.6	0	91	239	10	700	3213	0	10.5	24.9	4	94	249	5	
850	1541	0	12.0	7.2	0	69	238	2	850	1551	0	19.4	17.0	0	68	241	4	850	1564	0	22.2	23.8	4	66	238	2	
1013	* 59		20.3	3.4					945	* 633		27.5	22.7						1009	* 62		28.6	7.4				
EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 08579 JUL 2009 3846N 00908W OB 3									EUROPE - GERMANY SCHLESWIG 10035 JUL 2009 5432N 00933E OB 3									EUROPE - GERMANY GREIFSWALD 10184 JUL 2009 5406N 01324E OB 3									
030	24210	0	-51.5	33.3	2	95	101	5	030	24342	0	-47.7	34.3	0	94	99	8	030	24341	0	-48.1	34.4	0	93	99	7	
050	20929	0	-56.5	31.9	0	83	119	3	050	20990	0	-50.5	33.6	0	70	123	4	050	20996	0	-50.8	33.7	0	55	113	2	
100	16613	0	-63.1	28.6	0	91	254	6	100	16486	0	-51.0	33.4	0	79	230	6	100	16501	0	-51.6	33.4	0	74	238	6	
150	14112	0	-60.8	23.6	0	95	254	12	150	13837	0	-49.0	33.9	0	83	242	12	150	13859	0	-49.5	34.0	0	81	246	12	
200	12306	0	-55.7	15.4	0	92	251	12	200	11948	0	-50.5	25.2	0	79	245	16	200	11976	0	-51.1	24.1	0	80	251	16	
300	9622	0	-36.9	18.3	0	91	254	10	300	9288	0	-43.2	12.4	0	73	245	18	300	9318	0	-42.9	11.4	0	71	249	18	
500	5877	0	-8.8	20.7	0	95	250	7	500	5651	0	-16.7	13.6	0	78	243	11	500	5673	0	-15.7	14.8	0	79	247	11	
700	3185	0	8.6	21.4	0	88	259	5	700	3039	0	-9	8.6	0	86	244	9	700	3055	0	-5	7.6	0	83	250	9	
850	1557	0	15.7	21.1	0	62	297	2	850	1464	0	7.8	3.9	0	85	247	9	850	1476	0	8.8	4.1	0	80	254	7	
1007	* 105		25.5	11.8					1006	* 48		17.3	4.2						1012	* 6		18.7	5.0				

UPPER AIR

JULY 2009

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 EMDEN-FLUGPLATZ 10200 JUL 2009 5323N 00714E OB									EUROPE - GERMANY BERGEN 10238 JUL 2009 5249N 00956E OB									EUROPE - GERMANY LINDENBERG 10393 JUL 2009 5213N 01407E OB 3									
030	24331	0	-48.0	34.4	1	91	96	7	030	24346	0	-48.0	34.5	0	96	95	8	030	24327	0	-48.6	33.9	0	95	102	8	
050	20982	0	-50.8	33.6	1	73	118	4	050	20997	0	-50.9	33.5	0	70	123	3	050	20988	0	-51.5	33.1	0	60	114	2	
100	16488	0	-51.6	33.3	1	83	234	7	100	16510	0	-51.9	33.1	0	78	236	7	100	16518	0	-52.9	32.7	0	77	242	6	
150	13843	0	-50.0	33.6	1	84	244	13	150	13872	0	-50.0	33.6	0	83	249	13	150	13891	0	-51.0	32.2	0	83	251	13	
200	11960	0	-50.9	24.8	0	83	248	18	200	11995	0	-51.5	23.6	0	82	253	19	200	12020	0	-52.2	21.7	0	82	258	18	
300	9302	0	-43.0	12.5	0	76	243	19	300	9335	0	-42.5	11.4	0	77	247	20	300	9364	0	-42.3	9.8	0	71	257	16	
500	5656	0	-16.2	14.4	0	78	245	12	500	5684	0	-15.8	15.8	0	81	249	13	500	5704	0	-15.1	12.9	0	79	256	11	
700	3042	0	-8	9.9	0	84	247	10	700	3065	0	-2	11.5	0	85	250	9	700	3078	0	.4	.3	0	84	258	9	
850	1466	0	7.8	7.4	0	82	247	8	850	1486	0	8.7	4.4	0	85	254	8	850	1494	0	9.7	4.1	0	79	256	6	
1012	* 5		17.5	4.0					1005	* 77		18.2	5.4						1001	* 115		19.4	6.2				
EUROPE - GERMANY ESSEN-BREDENEY 10410 JUL 2009 5124N 00658E OB 3									EUROPE - GERMANY MEININGEN 10548 JUL 2009 5034N 01023E OB 3									EUROPE - GERMANY STUTTGART/SCHNARRENBERG 10739 JUL 2009 4850N 00912E OB 3									
030	24321	0	-48.3	34.0	0	94	93	8	030	24315	0	-48.8	34.1	0	95	98	8	030	24309	0	-48.8	34.2	0	89	97	8	
050	20982	0	-51.4	33.1	0	65	127	3	050	20980	0	-51.9	33.2	0	72	116	3	050	20981	0	-52.6	33.0	0	80	110	4	
100	16506	0	-52.7	32.7	0	85	239	9	100	16522	0	-53.6	32.7	0	82	244	8	100	16543	0	-54.9	32.2	0	79	248	8	
150	13877	0	-50.6	33.1	0	86	249	15	150	13905	0	-51.7	33.0	0	84	251	15	150	13941	0	-53.0	32.4	0	88	259	17	
200	12004	0	-51.8	22.9	0	85	255	21	200	12041	0	-53.0	20.6	0	85	260	20	200	12086	0	-53.7	20.0	0	85	263	22	
300	9344	0	-42.5	11.2	0	78	252	22	300	9382	0	-42.0	9.8	0	79	258	19	300	9427	0	-41.1	10.5	0	81	262	20	
500	5691	0	-15.6	15.3	0	86	252	15	500	5717	0	-14.6	14.0	0	84	259	15	500	5746	0	-13.9	13.6	0	87	259	15	
700	3070	0	-4	10.1	0	90	250	11	700	3088	0	.6	8.5	0	89	256	11	700	3112	0	1.6	10.8	0	90	255	11	
850	1490	0	8.6	8.1	0	86	246	9	850	1502	0	9.9	9.3	0	78	253	7	850	1519	0	11.1	4.9	0	79	257	6	
997	* 153		18.5	5.7					963	* 453		17.1	5.0						979	* 315		19.6	6.5				
EUROPE - GERMANY MUENCHEN-OBERSCHLEIBSHEIM 10868 JUL 2009 4815N 01133E OB 3									EUROPE - AUSTRIA WIEN/HOHE WARTE 11035 JUL 2009 4815N 01622E OB 3									EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 JUL 2009 5001N 01427E OB 3									
030	24288	0	-49.2	33.5	0	93	97	8	030	24304	0	-49.3	33.4	3	92	99	7	030	24315	0	-49.0	33.6	0	94	102	8	
050	20969	0	-53.0	32.6	0	74	112	4	050	20988	0	-52.8	32.8	1	33	115	2	050	20989	0	-52.1	32.4	0	73	102	3	
100	16543	0	-55.9	31.6	0	85	253	8	100	16563	0	-55.6	31.9	1	85	257	7	100	16543	0	-54.5	31.2	0	80	252	7	
150	13949	0	-53.8	30.1	0	88	262	16	150	13969	0	-53.7	30.2	1	88	267	13	150	13933	0	-52.3	30.4	0	88	259	14	
200	12099	0	-54.2	18.6	0	86	267	22	200	12120	0	-53.8	19.0	1	84	274	18	200	12075	0	-53.0	19.2	0	84	264	18	
300	9441	0	-41.0	11.2	0	79	269	18	300	9456	0	-40.3	11.9	1	77	273	16	300	9416	0	-41.2	10.6	0	75	263	16	
500	5759	0	-13.7	11.6	0	84	265	13	500	5764	0	-13.0	13.3	0	81	270	10	500	5739	0	-14.1	12.8	0	85	262	13	
700	3123	0	1.7	7.0	0	84	260	10	700	3121	0	2.7	7.2	0	78	284	7	700	3106	0	1.5	8.2	0	84	266	9	
850	1526	0	12.0	11.4	0	81	272	6	850	1519	0	13.0	6.8	0	64	292	5	850	1513	0	11.5	5.2	0	76	264	6	
960	* 489		19.3	19.0					992	* 200		21.5	6.4					980	* 303		19.9	6.8					

UPPER AIR

JULY 2009

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 - SLOVAKIA POPRAD-GANOVCE 11952 JUL 2009 4902N 02019E OB 3									EUROPE - POLAND WROCLAW I 12425 JUL 2009 5107N 01653E OB 3									EUROPE - ROMANIA CLUJ-NAPOCA 15120 JUL 2009 4647N 02334E OB 1											
030	24316	0	-49.2	33.8	0	93	97	7	030	24326	0	-48.9	33.4	0	94	107	7	030											
050	20997	0	-52.7	32.6	0	78	112	4	050	20998	0	-51.9	32.4	0	72	102	3	050	21016	0	-53.9	32.7	4	72	105	3			
100	16565	0	-55.3	31.8	0	83	258	7	100	16540	0	-53.9	31.7	0	77	250	6	100	16611	0	-56.3	30.8	1	87	259	8			
150	13964	0	-52.7	31.0	0	84	269	12	150	13923	0	-51.7	31.1	0	84	259	13	150	14016	0	-53.1	30.1	0	84	272	12			
200	12108	0	-53.5	19.0	0	78	275	15	200	12059	0	-52.8	19.7	0	81	265	17	200	12159	0	-53.4	18.1	0	71	278	13			
300	9444	0	-40.2	12.1	0	70	279	14	300	9399	0	-41.3	10.0	0	71	264	15	300	9489	0	-39.5	13.0	0	67	289	11			
500	5757	0	-13.1	13.4	0	72	271	9	500	5728	0	-14.2	14.0	0	81	263	11	500	5783	0	-11.9	14.4	0	61	292	7			
700	3114	0	2.6	8.7	0	77	271	6	700	3096	0	1.4	9.1	0	82	261	8	700	3127	0	3.6	3.2	1	53	307	4			
850	1513	0	13.3	5.6	0	56	257	3	850	1505	0	10.8	4.6	0	75	264	6	850	1519	0	14.0	5.8	1	37	313	2			
935	* 703		18.3	6.4					1000	* 122		19.1	5.5					967	* 414		16.4	2.3							
EUROPE - TURKEY SAMSUN 17030 JUL 2009 4117N 03618E OB 3									EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 JUL 2009 4058N 02905E OB 3									EUROPE - TURKEY ANKARA/CENTRAL 17130 JUL 2009 3957N 03253E OB 3											
030	24257	0	-50.8	33.2	2	94	98	9	030	24242	0	-50.9	32.6	2	94	89	8	030	24250	0	-50.8	33.4	1	96	97	9			
050	20975	0	-56.6	31.4	2	85	118	5	050	20958	0	-56.3	30.6	1	83	107	5	050	20970	0	-56.9	31.5	1	81	107	6			
100	16672	0	-62.1	28.4	1	92	244	13	100	16646	0	-61.3	27.8	1	90	255	11	100	16679	0	-63.0	26.5	0	93	247	14			
150	14127	0	-54.4	31.5	1	95	247	26	150	14099	0	-54.8	29.5	0	90	259	20	150	14146	0	-55.5	29.5	0	94	253	25			
200	12256	0	-47.2	31.8	0	95	250	28	200	12236	0	-49.5	26.6	0	84	265	22	200	12278	0	-47.4	29.9	0	92	257	28			
300	9523	0	-37.0	22.7	0	77	262	13	300	9527	0	-37.8	18.7	0	71	286	13	300	9541	0	-36.4	23.8	0	77	267	15			
500	5790	0	-9.8	20.2	0	57	267	5	500	5799	0	-9.7	19.3	0	63	299	7	500	5803	0	-9.5	21.8	0	65	287	6			
700	3114	0	5.7	8.5	0	29	308	2	700	3121	0	6.2	12.9	0	50	352	3	700	3125	0	6.4	7.3	0	48	337	3			
850	1496	0	15.1	7.2	0	76	345	4	850	1501	0	15.7	8.1	0	74	34	5	850	1491	0	20.7	14.1	0	58	346	3			
1010	* 4		26.6	5.8					1009	* 33		29.0	12.1					911	* 891		29.0	20.6							
EUROPE - TURKEY IZMIR/GUZELYALI 17220 JUL 2009 3826N 02710E OB 3									EUROPE - TURKEY ISPARTA 17240 JUL 2009 3745N 03033E OB 3									EUROPE - CYPRUS ATHALASSA 17607 JUL 2009 3509N 03324E OB 2											
030	24220	0	-51.0	30.9	1	95	94	9	030	24227	0	-51.3	33.2	4	97	97	9	030	24164	0	-52.0	31.7	7	98	96	12			
050	20947	0	-57.7	28.8	0	88	109	6	050	20955	0	-57.9	30.8	2	93	111	7	050	20916	0	-59.5	29.1	0	94	101	9			
100	16678	0	-64.6	24.4	0	93	246	13	100	16701	0	-65.3	24.0	0	95	241	15	100	16743	0	-70.8	19.8	0	95	238	15			
150	14161	0	-57.1	26.4	0	92	259	22	150	14196	0	-57.1	27.6	0	96	249	26	150	14283	0	-59.5	24.9	0	98	242	30			
200	12309	0	-49.2	27.2	0	87	264	25	200	12336	0	-47.6	29.8	0	95	255	29	200	12433	0	-47.0	30.2	0	97	248	34			
300	9581	0	-36.0	23.2	0	76	285	15	300	9582	0	-34.6	25.1	0	79	271	17	300	9642	0	-29.6	35.4	0	94	254	26			
500	5831	0	-8.4	23.2	0	70	311	8	500	5824	0	-8.3	22.6	0	69	294	8	500	5834	0	-6.0	34.4	0	82	277	10			
700	3136	0	8.4	19.1	0	68	359	5	700	3133	0	8.3	11.0	0	56	332	3	700	3124	0	8.9	16.3	0	85	293	6			
850	1502	0	18.8	10.9	0	85	17	5	850	1487	0	22.8	16.3	1	33	47	2	850	1483	0	20.9	14.8	0	63	320	3			
1006	* 29		33.1	18.0					899	* 997		29.0	28.1					987	* 162		32.2	16.0							

UPPER AIR

JULY 2009

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 - ISRAEL BET DAGAN 40179 JUL 2009 3200N 03449E OB 3									ASIA - SAUDI ARABIA AL-QAISUMAH 40373 JUL 2009 2819N 04608E OB									ASIA - SAUDI ARABIA TABUK 40375 JUL 2009 2823N 03636E OB 3								
030									030	24098	0	-53.6	32.3	4	98	92	18	030	24087	0	-53.7	32.6	5	98	89	18
050									050	20879	0	-63.1	25.3	4	97	95	14	050	20868	0	-63.0	26.6	5	97	95	13
100	16793	0	-74.3	8.9	2	95	213	15	100	16841	0	-78.0	9.5	3	92	124	11	100	16805	0	-76.9	10.4	5	89	161	11
150	14368	0	-61.3	20.5	1	96	227	22	150	14434	0	-61.7	14.9	1	70	150	6	150	14401	0	-62.4	14.1	3	90	184	11
200	12527	0	-47.6	19.0	0	96	236	23	200	12593	0	-47.4	20.0	1	50	156	4	200	12566	0	-48.1	20.7	3	86	203	9
300	9728	0	-27.0	22.6	0	97	245	23	300	9788	0	-26.4	30.3	1	49	210	3	300	9774	0	-26.8	28.1	3	77	224	7
500	5871	0	-3.7	27.3	0	87	267	9	500	5899	0	.0	41.3	1	51	252	3	500	5894	0	-2.5	40.0	3	94	255	8
700	3136	0	11.7	24.3	0	81	278	6	700	3138	0	14.3	22.8	1	92	303	11	700	3151	0	13.0	17.7	3	76	208	5
850	1489	0	20.8	15.5	0	85	304	5	850	1460	0	28.8	28.5	1	97	320	10	850	1483	0	26.1	22.7	3	87	340	5
1004	* 35		28.3	8.2					961	* 358		37.8	30.5					921	* 778		31.3	27.4				
ASIA - SAUDI ARABIA HAIL 40394 JUL 2009 2726N 04141E OB 3									ASIA - SAUDI ARABIA K.F.I.A. (KING FAHAD INT. AI 40417 JUL 2009 2627N 04949E OB 3									ASIA - SAUDI ARABIA AL-MADINAH 40430 JUL 2009 2433N 03942E OB 3								
030	24083	0	-53.9	31.9	3	98	90	19	030	24082	0	-53.9	31.0	7	99	87	21	030	24042	0	-54.0	31.7	2	99	92	21
050	20868	0	-63.2	25.7	3	95	95	14	050	20870	0	-63.2	24.7	7	97	92	15	050	20834	0	-64.0	26.3	2	94	92	16
100	16823	0	-77.8	9.2	1	92	137	14	100	16835	0	-78.4	8.1	4	97	105	17	100	16787	0	-78.4	8.0	1	97	118	22
150	14420	0	-62.2	13.6	2	89	154	9	150	14432	0	-61.9	11.2	3	90	111	11	150	14394	0	-63.2	11.3	0	94	123	14
200	12584	0	-47.9	19.4	1	76	160	6	200	12592	0	-47.5	17.0	2	85	109	8	200	12565	0	-48.6	16.5	0	92	120	9
300	9784	0	-26.8	25.1	1	47	186	3	300	9788	0	-26.5	28.6	2	71	87	5	300	9771	0	-27.2	25.4	0	76	118	5
500	5901	0	-1.7	33.0	1	65	273	4	500	5900	0	-1.8	33.6	2	35	120	3	500	5900	0	-3.7	23.1	0	18	279	1
700	3157	0	14.6	14.2	1	77	273	5	700	3139	0	17.0	27.1	2	67	308	6	700	3157	0	15.3	20.6	0	54	260	3
850	1474	0	29.7	29.2	1	68	356	4	850	1453	0	29.0	29.5	2	99	327	13	850	1472	0	29.5	28.0	0	75	300	5
896	*1015		32.5	28.0					996	* 22		36.9	32.5					933	* 654		37.1	33.7				
ASIA - SAUDI ARABIA KING KHALED INT. AIRPORT 40437 JUL 2009 2456N 04643E OB 3									ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT. 41024 JUL 2009 2142N 03911E OB 3									ASIA - BANGLADESH BOGRA 41883 JUL 2009 2451N 08922E OB /								
030	24046	0	-54.3	31.2	2	99	91	20	030	24006	0	-55.2	30.7	1	99	91	23	030	23690	0	-54.9	30.5	9	97	72	22
050	20841	0	-63.4	25.5	2	97	95	16	050	20808	0	-64.1	25.0	1	95	90	18	050	20818	0	-64.0	25.0	9	99	90	15
100	16804	0	-78.8	8.1	2	97	108	21	100	16758	0	-78.9	7.5	1	98	108	28	100	16765	0	-78.7	7.9	9	91	86	17
150	14412	0	-62.7	13.0	1	94	112	15	150	14377	0	-64.1	10.0	0	97	111	21	150	14368	0	-61.2	12.7	9	80	88	11
200	12580	0	-48.3	17.5	1	91	105	10	200	12554	0	-49.5	13.6	0	96	106	15	200	12515	0	-45.6	16.4	9	91	80	11
300	9783	0	-27.0	26.2	1	84	95	6	300	9771	0	-28.0	19.8	0	92	100	9	300	9685	0	-23.5	11.2	9	93	100	8
500	5903	0	-1.6	34.8	1	41	346	2	500	5914	0	-5.2	17.6	0	24	89	2	500	5773	0	-.6	5.0	9	97	114	8
700	3154	0	15.3	19.7	1	89	307	8	700	3175	0	15.1	20.5	0	78	288	6	700	3016	0	12.8	1.4	9	91	108	6
850	1467	0	30.7	32.1	1	87	347	6	850	1497	0	27.8	26.9	0	93	327	7	850	1367	0	21.0	20.1	9	81	125	5
935	* 614		36.6	35.3					1002	* 17		34.2	15.5					998	* 20		27.4	1.5				

UPPER AIR

JULY 2009

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 NEW DELHI/SAFDARJUNG 42182 JUL 2009 2835N 07712E OB 3									ASIA - INDIA JODHPUR 42339 JUL 2009 2618N 07301E OB 3									ASIA - INDIA LUCKNOW/AMAUSI 42369 JUL 2009 2645N 08053E OB 3									
030									030									030	24410	0	-44.9	13.8	9	55	85	11	
050									050									050	21054	0	-54.0	15.8	9	89	91	13	
100	16695	0	-76.0	10.1	3	47	85	4	100	14377	0	-58.5	12.4	9	69	193	3	100	16772	0	-74.7	9.2	9	92	76	13	
150	14363	0	-61.0	13.8	2	24	190	2	150	12395	0	-52.5	21.8	9	53	199	2	150	14398	0	-62.5	11.0	9	84	96	8	
200	12578	0	-47.9	14.0	2	48	218	4	200	9607	0	-28.0	21.4	9	92	232	4	200	12580	0	-47.0	7.5	9	77	115	6	
300	9725	0	-25.3	16.4	2	51	212	4	300	5765	0	-6.5	18.4	9	81	327	7	300	9721	0	-23.4	15.8	9	32	130	2	
500	5841	0	-1.1	10.7	2	25	299	2	500	3049	0	13.0	11.4	9	79	259	5	500	5806	0	-.7	8.8	9	19	287	2	
700	3048	0	13.8	6.1	0	14	342	1	700	1398	0	21.7	13.3	9	72	227	5	700	3045	0	13.2	42.5	9	19	288	2	
850	1394	0	23.9	5.6	0	15	88	1	850	* 224		32.0	8.9					850	1395	0	21.7	2.4	9	41	267	4	
966	* 216		31.2	8.0														983	* 128		30.4	4.6					
ASIA - INDIA PATNA 42492 JUL 2009 2536N 08506E OB 3									ASIA - INDIA AHMADABAD 42647 JUL 2009 2304N 07238E OB 3									ASIA - INDIA CALCUTTA/DUM DUM 42809 JUL 2009 2239N 08827E OB 3									
030	24064	0	-53.7	27.9	6	66	89	18	030									030									
050	20855	0	-62.8	19.0	4	90	91	15	050									050	20911	0	-51.3			98	90	16	
100	16696	0	-78.5	4.2	2	88	94	15	100									100	16628	0	-76.5			98	92	18	
150	14306	0	-61.9	11.2	2	85	104	13	150									150	14271	0	-65.6			96	98	22	
200	12439	0	-46.8	11.0	2	83	106	10	200									200	12460	0	-49.6			97	100	18	
300	9729	0	-24.4	8.9	2	75	115	7	300	9647	0	-25.7	10.9					300	9670	0	-26.8	13.2	2	87	111	10	
500	5817	0	-.7	5.4	1	55	115	5	500	5774	0	-4.6	7.1					500	5779	0	-1.5	5.2	0	66	124	6	
700	3053	0	13.1	3.2	0	41	111	4	700	3044	0	11.8	6.6					700	3039	0	12.1	2.7	0	34	157	3	
850	1399	0	21.7	2.5	0	37	107	3	850	1403	0	18.8	2.0					850	1397	0	20.2	1.9	0	27	186	2	
992	* 60		30.3	4.7					992	* 55		29.8	29.3					997	* 6		28.8	2.5					
ASIA - INDIA NAGPUR SONEGAON 42867 JUL 2009 2106N 07903E OB 3									ASIA - INDIA BHUBANESHWAR 42971 JUL 2009 2015N 08550E OB 3									ASIA - INDIA BOMBAY / SANTACRUZ 43003 JUL 2009 1907N 07251E OB 3									
030									030									030									
050									050									050									
100									100									100									
150	14252	0	-65.2		9	96	85	23	150									150									
200	12344	0	-51.3		8	91	77	16	200	12427	0	-52.4			6	95	85	17	200	12426	0	-52.4	10.7	5	99	78	18
300	9674	0	-27.4	8.6	3	87	78	8	300	9659	0	-27.9			5	81	91	9	300	9654	0	-27.9	11.1	2	83	71	8
500	5804	0	-2.3	4.1	0	57	307	4	500	5789	0	-2.9	9.4		2	25	303	2	500	5783	0	-2.0	9.7	0	16	271	2
700	3059	0	11.8	2.9	0	83	286	7	700	3050	0	11.2	1.5		1	78	282	7	700	3047	0	11.1	4.3	0	80	252	9
850	1418	0	19.7	2.1	0	91	275	11	850	1406	0	20.4	1.9		1	81	282	8	850	1412	0	18.1	1.2	0	96	245	11
965	* 310		26.7	2.4					993	* 46		27.5	1.4					1000	* 14		27.6	2.4					

UPPER AIR

JULY 2009

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 HYDERABAD AIRPORT 43128 JUL 2009 1727N 07828E OB 3									ASIA - INDIA GOA/PANJIM 43192 JUL 2009 1529N 07349E OB 3									ASIA - INDIA MANGALORE/PANAMBUR 43285 JUL 2009 1257N 07450E OB 3									
030	23925	0	-55.5	31.6	5	98	90	23	030										030								
050	20726	0	-64.7	18.2	2	98	91	20	050										050								
100	16673	0	-78.8	12.0	0	99	89	31	100	16646	0	-79.4	6.3	6	99	87	34	100									
150	14265	0	-65.5	7.4	0	95	87	26	150	14242	0	-66.2	5.7	4	97	91	30	150									
200	12463	0	-50.0	6.3	0	89	85	17	200	12445	0	-51.3	5.0	4	74	89	19	200									
300	9686	0	-27.4	5.0	0	48	97	4	300	9694	0	-28.3	4.5	4	74	87	7	300	9643	0	-31.2	6.5					
500	5811	0	-3.0	3.8	0	78	278	6	500	5819	0	-3.3	5.0	3	70	258	6	500	5819	0	-5.0	4.1					
700	3070	0	11.6	4.2	0	8	275	11	700	3091	0	10.2	3.3	2	91	269	12	700	3105	0	9.0	3.9					
850	1425	0	20.2	3.6	0	98	277	13	850	1458	0	17.8	1.5	2	96	255	13	850	1475	0	17.7	1.4					
942	* 545		28.1	7.4					998	* 60		26.7	1.6						1004	* 32		25.6	1.2				
ASIA - INDIA THIRUVANANTHAPURAM 43371 JUL 2009 0829N 07657E OB 3									ASIA - HONG KONG, CHINA KOWLOON 45004 JUL 2009 2219N 11410E OB 1									ASIA - JAPAN WAKKANAI 47401 JUL 2009 4525N 14140E OB 2									
030	23869	0	-57.5		3	90	92	21	030	23994	0	-54.6	32.4	2	99	94	24	030	24278	0	-50.1	36.9	3	99	83	7	
050	20701	0	-65.4		2	77	88	9	050	20790	0	-63.4	28.8	1	99	85	21	050	20978	0	-54.7	37.5	0	78	76	3	
100	16593	0	-77.7	6.0	0	97	87	25	100	16714	0	-77.7	9.2	1	96	63	24	100	16592	0	-57.7	29.2	0	87	263	11	
150	14199	0	-67.7	5.6	0	99	82	34	150	14331	0	-65.1	8.3	0	90	62	17	150	14015	0	-54.0	19.4	0	90	258	22	
200	12409	0	-53.2	5.8	0	97	82	27	200	12515	0	-49.9	12.3	0	82	65	12	200	12159	0	-51.0	11.2	0	88	255	31	
300	9672	0	-30.9	5.8	0	75	81	8	300	9731	0	-27.5	14.6	0	83	81	8	300	9447	0	-36.3	9.1	0	82	254	16	
500	5841	0	-4.7	5.8	0	68	258	5	500	5867	0	-3.4	12.5	0	64	122	4	500	5706	0	-10.4	14.0	0	67	265	7	
700	3112	0	10.4	6.3	0	91	281	13	700	3125	0	11.8	6.7	0	66	164	5	700	3042	0	4.0	3.8	0	55	274	4	
850	1480	0	18.1	3.4	0	93	298	15	850	1474	0	19.3	2.9	0	65	166	6	850	1436	0	11.9	11.0	1	39	257	3	
1003	* 64		26.5	3.4					998	* 66		27.7	27.2						1007	* 12		14.4	14.1				
ASIA - JAPAN SAPORO 47412 JUL 2009 4304N 14120E OB 2									ASIA - JAPAN NEMURO 47420 JUL 2009 4320N 14530E OB 2									ASIA - JAPAN AKITA 47582 JUL 2009 3943N 14000E OB 2									
030	24258	0	-50.6		3	99	84	8	030	24264	0	-50.5		5	99	84	8	030	24227	0	-51.4		6	99	87	9	
050	20969	0	-55.9		1	87	83	3	050	20974	0	-56.0		4	86	77	3	050	20954	0	-57.6		3	94	83	5	
100	16621	0	-60.0		0	87	263	11	100	16627	0	-61.0		0	87	266	12	100	16662	0	-63.8		0	86	264	11	
150	14074	0	-56.9		1	89	260	25	150	14090	0	-57.8		0	89	262	27	150	14160	0	-60.2		0	89	261	28	
200	12231	0	-50.7		0	89	251	34	200	12255	0	-51.3		0	87	259	36	200	12334	0	-51.4		0	87	254	35	
300	9499	0	-34.1	7.7	0	86	249	23	300	9520	0	-33.2	7.9	0	87	251	25	300	9583	0	-31.1	8.1	0	91	251	29	
500	5732	0	-9.0	10.6	0	88	251	11	500	5742	0	-8.3	14.0	0	90	250	15	500	5779	0	-7.0	13.8	0	92	253	17	
700	3055	0	5.0	4.5	0	76	262	6	700	3059	0	5.6	5.6	0	82	255	9	700	3083	0	6.7	6.1	0	89	254	12	
850	1444	0	12.8	1.9	0	47	242	4	850	1445	0	13.3	2.6	1	64	255	5	850	1462	0	14.8	2.3	0	77	241	7	
1004	* 26		19.4	3.5					1004	* 39		12.4	1.7						1007	* 7		21.9	2.6				

UPPER AIR

JULY 2009

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 WAJIMA 47600 JUL 2009 3724N 13650E OB 2									ASIA - JAPAN TATENO 47646 JUL 2009 3603N 14000E OB 2									ASIA - JAPAN HACHIJOJIMA 47678 JUL 2009 3307N 13940E OB 2										
030	24205	0	-51.9		2	99	83	10	030	24187	0	-52.2			3	98	83	11	030	24156	0	-52.6			2	99	85	14
050	20941	0	-58.5		0	95	79	6	050	20932	0	-59.0			3	96	78	6	050	20905	0	-59.3			1	96	80	9
100	16683	0	-66.9		0	84	268	11	100	16701	0	-69.0			0	70	273	7	100	16702	0	-71.4			0	27	346	3
150	14213	0	-61.3		0	87	262	25	150	14260	0	-63.7			0	77	267	19	150	14292	0	-65.5			0	49	282	8
200	12389	0	-50.8		0	89	258	32	200	12449	0	-51.4			0	86	262	24	200	12491	0	-51.9			0	60	274	10
300	9626	0	-30.0	7.3	0	90	254	26	300	9684	0	-29.1	8.8		0	93	253	22	300	9727	0	-28.9	13.7		0	77	251	11
500	5805	0	-6.4	12.1	0	91	248	17	500	5846	0	-5.5	9.6		0	93	249	16	500	5883	0	-4.8	7.5		0	81	248	11
700	3101	0	7.8	5.5	0	89	243	12	700	3127	0	9.3	4.7		0	86	251	10	700	3158	0	10.4	7.9		0	90	244	11
850	1470	0	16.7	3.6	0	88	239	10	850	1486	0	18.6	3.8		0	79	230	6	850	1511	0	19.8	6.6		0	86	243	10
1006	* 15		22.6	3.0					1005	* 31		23.8	2.6						992	* 156		24.2	.5					
ASIA - JAPAN YONAGO 47744 JUL 2009 3526N 13320E OB 2									ASIA - JAPAN SHIONOMISAKI 47778 JUL 2009 3327N 13540E OB 2									ASIA - JAPAN FUKUOKA 47807 JUL 2009 3335N 13020E OB 2										
030	24186	0	-52.6		3	99	83	11	030	24164	0	-53.0			3	99	81	13	030	24167	0	-52.9			3	98	82	12
050	20932	0	-59.1		1	97	80	7	050	20916	0	-60.2			2	96	80	8	050	20923	0	-60.1			3	98	77	8
100	16707	0	-68.8		0	81	278	9	100	16718	0	-71.0			0	55	302	5	100	16729	0	-70.7			0	79	296	8
150	14253	0	-62.5		0	86	267	22	150	14298	0	-64.4			0	68	273	12	150	14291	0	-63.1			0	83	279	18
200	12433	0	-50.7		0	87	259	26	200	12486	0	-50.9			0	76	273	14	200	12471	0	-50.2			0	84	267	20
300	9663	0	-29.1	5.3	0	90	255	22	300	9714	0	-28.3	8.3		0	90	251	14	300	9694	0	-28.3	7.8		0	92	258	19
500	5827	0	-5.4	18.2	0	94	255	15	500	5866	0	-4.8	9.8		0	93	255	13	500	5846	0	-4.2	13.7		0	93	259	14
700	3108	0	9.5	8.6	0	93	253	12	700	3140	0	10.3	10.0		0	93	248	12	700	3120	0	10.2	8.5		0	94	253	12
850	1473	0	17.0	2.9	0	84	241	10	850	1496	0	18.4	3.9		0	89	242	9	850	1479	0	17.6	3.7		0	85	232	9
1006	* 9		24.7	24.6					1000	* 76		24.9	1.0						1006	* 15		26.3	5.1					
ASIA - JAPAN KAGOSHIMA 47827 JUL 2009 3133N 13030E OB 2									ASIA - JAPAN NAZE/FUNCHATOGE 47909 JUL 2009 2824N 12930E OB 2									ASIA - JAPAN ISHIGAKIJIMA 47918 JUL 2009 2420N 12410E OB 2										
030	24142	0	-53.4		1	99	81	14	030	24109	0	-54.0							030	24060	0	-53.8						
050	20904	0	-60.5		1	98	80	10	050	20878	0	-61.6							050	20843	0	-62.0						
100	16735	0	-72.5		0	64	334	5	100	16739	0	-74.9			0	86	39	10	100	16732	0	-77.1			0	94	60	16
150	14321	0	-64.1		0	69	293	11	150	14344	0	-64.7			0	58	11	8	150	14346	0	-64.7			0	76	47	11
200	12504	0	-50.3		0	75	276	12	200	12530	0	-50.3			0	39	345	5	200	12531	0	-50.1			0	62	56	6
300	9726	0	-28.1	7.3	0	83	260	12	300	9752	0	-28.0	12.0		0	45	266	4	300	9751	0	-27.7	13.9		0	60	81	5
500	5873	0	-4.1	12.3	0	94	256	12	500	5897	0	-4.0	12.6		0	75	232	5	500	5891	0	-3.5	12.9		0	45	124	4
700	3140	0	11.1	9.3	0	93	246	11	700	3161	0	11.7	8.2		0	77	227	6	700	3151	0	12.2	7.6		0	62	162	5
850	1495	0	18.6	5.2	0	86	236	7	850	1509	0	19.8	5.0		0	77	223	6	850	1497	0	19.9	19.4		0	69	164	6
1005	* 32		27.4	4.7					977	* 295		25.5	1.9						1007	* 11		29.1	4.3					

UPPER AIR

JULY 2009

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 MINAMIDAITOJIMA 47945 JUL 2009 2550N 13110E OB 2									ASIA - JAPAN CHICHIJIMA 47971 JUL 2009 2706N 14210E OB 3									ASIA - JAPAN MINAMITORISHIMA 47991 JUL 2009 2417N 15350E OB 3									
030	24070	0	-53.6		6	99	83	21	030	24080	0	-53.8		0	99	84	19	030	24043	0	-54.1		3	99	86	22	
050	20846	0	-61.5		6	97	87	14	050	20851	0	-61.2		0	99	82	14	050	20824	0	-61.4		2	99	85	16	
100	16710	0	-75.1		2	95	58	14	100	16685	0	-73.4		0	83	75	10	100	16654	0	-72.9		0	82	67	9	
150	14322	0	-65.6		1	74	39	10	150	14287	0	-65.9		0	51	68	9	150	14266	0	-66.8		0	22	29	5	
200	12516	0	-51.2		1	54	47	7	200	12487	0	-52.4		0	54	74	8	200	12474	0	-53.2		0	14	27	3	
300	9750	0	-29.0	12.7	1	32	75	2	300	9737	0	-30.1	14.2	0	55	90	5	300	9730	0	-30.6	8.9	0	25	63	4	
500	5903	0	-4.1	12.3	1	44	150	3	500	5906	0	-5.1	11.8	0	41	96	2	500	5904	0	-5.5	8.9	0	61	76	4	
700	3169	0	11.4	8.1	1	42	143	3	700	3180	0	11.1	10.8	0	52	103	3	700	3184	0	10.3	7.0	0	75	100	5	
850	1518	0	19.5	4.7	1	53	158	3	850	1533	0	19.0	18.6	0	60	127	3	850	1540	0	18.3	4.1	0	80	110	7	
1009	* 21		28.1	3.2					1012	* 8		27.5	2.3						1013	* 9		27.6	3.5				
ASIA - THAILAND CHIANG MAI 48327 JUL 2009 1847N 09859E OB 1									ASIA - CHINA HAILAR 50527 JUL 2009 4913N 11940E OB 3									ASIA - CHINA WU LU MU QI 51463 JUL 2009 4348N 08739E OB 3									
030									030	24275	0	-49.5	40.5	4		90	8	030	24211	0	-51.5	25.3	7	89	90	8	
050	20715	0	-64.5		6	99	90	20	050	19067	0	-53.6	38.0	3	75	72	3	050	20936	0	-56.9	23.9	4	75	90	3	
100	16668	0	-79.3		1	98	85	34	100	16534	0	-54.3	30.8	3	88	297	7	100	16603	0	-59.9	22.7	1	95	257	18	
150	14301	0	-65.6		1	98	85	25	150	13919	0	-51.5	24.3	2	77	294	10	150	14038	0	-53.2	26.1	1	94	261	32	
200	12489	0	-50.3		0	96	80	16	200	12059	0	-53.7	8.0	2	56	302	9	200	12161	0	-47.9	22.4	1	97	258	35	
300	9708	0	-27.7	9.9	0	91	80	8	300	9395	0	-39.5	2	2	47	320	8	300	9468	0	-39.3	11.5	1	90	261	19	
500	5848	0	-3.8	4.7	0	13	195	1	500	5686	0	-11.7	17.9	0	55	329	6	500	5754	0	-10.9	18.2	1	90	270	9	
700	3114	0	10.8	5.1	0	86	275	7	700	3031	0	3.6	7.7	0	38	360	3	700	3084	0	6.8	0	1	83	338	5	
850	1468	0	18.6	4.9	0	91	270	5	850	1423	0	14.1	8.5	0	17	360	1	850	1456	0	18.4	18.3	1	60	360	3	
971	* 314		24.9	24.6					935	* 611		17.5	3.8						903	* 947		19.0	11.7				
ASIA - CHINA YINCHUAN 53614 JUL 2009 3828N 10610E OB									ASIA - CHINA BEIJING 54511 JUL 2009 3956N 11610E OB 3									ASIA - CHINA LHASA 55591 JUL 2009 2940N 09108E OB 3									
030	24214	0	-51.9	21.7	0		88	11	030	24222	0	-52.0	23.9	0	91	90	10	030	24111	0	-54.7		0	94	88	17	
050	20962	0	-59.7	19.1	0	86	82	6	050	20961	0	-58.4	18.7	0	83	69	5	050	20898	0	-63.0		0		90	14	
100	16764	0	-69.1	9.9	0		293	18	100	16690	0	-64.2	16.2	0	89	295	16	100	16854	0	-77.1		0	38	92	3	
150	14291	0	-59.0	18.7	0	97	292	35	150	14173	0	-56.8	19.9	0	94	293	30	150	14445	0	-61.6	21.1	0	44	159	4	
200	12438	0	-47.1	17.5	0	97	286	38	200	12315	0	-48.6	19.6	0	91	292	32	200	12599	0	-46.0	13.3	0	44	189	4	
300	9649	0	-29.2	11.7	0	96	283	23	300	9568	0	-33.0	15.9	0	86	287	19	300	9766	0	-23.5	14.6	0	43	239	3	
500	5816	0	-5.1	20.2	0	62	271	5	500	5780	0	-7.7	16.1	0	75	299	9	500	5850	0	-3	2.2	0	80	215	4	
700	3094	0	11.8	14.5	0	20	118	1	700	3083	0	8.7	10.0	0	62	317	5	653	*3650		14.8	7.4					
850	1437	0	21.8	14.9	0	17	123	1	850	1444	0	18.7	10.0	0	33	256	2										
883	*1112		20.7	9.4					1000	* 55		24.8	5.0														

UPPER AIR

JULY 2009

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 2009 2501N 10240E OB 3									ASIA - CHINA SHANGHAI 58362 JUL 2009 3124N 12120E OB 3									AFRICA - MADEIRA FUNCHAL 08522 JUL 2009 3238N 01654W OB 3										
030	24040	0	-54.3		1		93	22	030	24124	0	-53.1			1		89	16	030	24131	0	-52.7			2	98	91	7
050	20838	0	-64.4		1		85	18	050	20894	0	-61.7			0		81	12	050	20887	0	-59.4			2	97	113	5
100	16794	0	-78.9		0	96	70	23	100	16760	0	-73.0			0	77	343	10	100	16653	0	-67.7			2	89	241	4
150	14402	0	-63.0		0	96	66	22	150	14333	0	-62.6	16.9		0	75	311	15	150	14188	0	-62.3			1	90	245	9
200	12567	0	-47.5	15.5	0	95	72	18	200	12507	0	-49.7	11.3		0	75	298	15	200	12375	0	-54.2			0	90	242	9
300	9754	0	-25.2	16.7	0	90	78	9	300	9723	0	-27.6	10.7		0	80	273	12	300	9674	0	-35.8	19.4		0	74	240	6
500	5857	0	-1.4	9.0					500	5859	0	-3.2	19.2		0	92	253	11	500	5921	0	-9.0	19.7		0	81	243	5
700	3102	0	11.9	2.0	0	57	251	4	700	3121	0	11.5	10.3		0	80	244	8	700	3222	0	10.4	20.9		0	79	244	3
807	*1892		19.1	3.0					850	1469	0	20.3	7.2		0	62	236	5	850	1578	0	19.2	19.0		0	28	34	1
									1004	* 8		27.8	27.5						1014	* 58		24.9	7.3					
AFRICA - SPAIN (CANARY ISLANDS) TENERIFE-GUIMAR 60018 JUL 2009 2819N 01623W OB									AFRICA - MOROCCO CASABLANCA 60155 JUL 2009 3334N 00740W OB 1									AFRICA - SENEGAL DAKAR/YOFF 61641 JUL 2009 1444N 01730W OB 3										
030	24070	0	-53.1	32.7	4	99	92	18	030	24166	0	-52.1	30.2		9	92	100	13	030	23921	0	-55.3	32.2		2	98	90	24
050	20835	0	-60.7	30.0	4	97	92	13	050	20913	0	-59.3	27.1		9	75	77	7	050	20730	0	-64.3	27.9		0	97	95	15
100	16650	0	-70.7	18.0	4	65	191	5	100	16691	0	-67.9	18.7		7	84	234	8	100	16619	0	-76.3	9.1		0	92	95	13
150	14217	0	-63.9	18.0	4	88	243	14	150	14228	0	-61.9	17.5		6	92	253	15	150	14247	0	-67.3	8.5		0	92	100	12
200	12413	0	-53.2	20.4	4	91	244	16	200	12416	0	-53.4	17.3		6	89	253	17	200	12456	0	-53.3	11.6		0	79	105	8
300	9697	0	-34.7	25.3	4	84	238	11	300	9708	0	-35.5	18.3		6	81	242	11	300	9717	0	-31.2	14.9		0	76	95	6
500	5931	0	-8.1	21.2	4	71	239	7	500	5946	0	-8.6	13.0		9	92	233	12	500	5902	0	-6.9	9.4		0	96	90	11
700	3220	0	12.5	20.9	4	32	253	2	700	3232	0	13.0	22.2		9	83	252	6	700	3190	0	11.2	11.1		0	93	85	11
850	1560	0	22.7	24.9	4	73	19	4	850	1568	0	24.2	27.7		9	35	335	2	850	1538	0	20.4	8.2		0	54	120	4
1005	* 111		24.5	8.1					1011	* 57		22.7	3.0						1010	* 27		27.9	4.3					
AFRICA - OCEAN ISLANDS ST. HELENA IS. 61901 JUL 2009 1556S 00540W OB 3									AFRICA - EGYPT EL ARISH 62337 JUL 2009 3105N 03349E OB									AFRICA - EGYPT ASSWAN 62414 JUL 2009 2358N 03247E OB 3										
030	23906	0	-53.5	32.7	9	82	72	7	030	24115	0	-53.3	32.9		0	98	95	12	030	24019	0	-54.6	32.4		5	99	85	20
050	20689	0	-64.3	28.5	9	35	193	2	050	20878	0	-60.8	30.8		0	98	105	11	050	20815	0	-63.2	29.8		4	92	75	14
100	16583	0	-73.6	15.8	9	75	271	8	100	16777	0	-75.3			0	93	190	11	100	16747	0	-77.8	15.3		4	97	120	19
150	14175	0	-66.6	14.1	8	97	272	19	150	14356	0	-61.6	29.6		0	94	220	17	150	14359	0	-63.8	16.9		1	91	130	14
200	12392	0	-55.0	17.4	8	92	277	20	200	12517	0	-47.8	31.3		0	96	230	18	200	12535	0	-49.3	24.0		0	90	130	9
300	9681	0	-33.7	24.4	8	81	266	13	300	9720	0	-27.1	36.6		0	96	240	18	300	9752	0	-28.1	29.4		0	61	130	4
500	5887	0	-5.9	39.5	8	13	275	1	500	5859	0	-3.3	49.2		0	85	265	7	500	5891	0	-3.1	35.8		0	55	245	2
700	3169	0	10.5	46.1	8	33	96	2	700	3124	0	11.9	40.8		0	88	265	5	700	3151	0	12.7	34.0		0	57	240	3
850	1547	0	9.6	9.1	8	87	116	8	850	1477	0	21.2	20.9		0	73	305	4	850	1490	0	25.0	27.1		0	87	320	5
970	* 436		18.1	4.5					1003	* 32		31.6	6.0						983	* 200		30.9	30.8					

UPPER AIR

JULY 2009

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 - EGYPT FARAFRA 62423 JUL 2009 2703N 02759E OB									AFRICA - SEYCHELLES SEYCHELLES INTER. AIRPORT (R 63985 JUL 2009 0441S 05531E OB 3									AFRICA - COTE D'IVOIRE ABIDJAN 65578 JUL 2009 0515N 00356W OB 2								
030	24062	0	-53.7	32.6	3	98	92	16	030	23842	0	-59.6	29.4	9	99	96	21	030	23891	0	-59.0	28.6	8	99	86	22
050	20837	0	-62.0	30.2	3	98	101	14	050	20701	0	-67.4	24.9	9	91	270	11	050	20737	0	-65.4	25.7	6	4	322	1
100	16750	0	-76.2	23.4	3	89	136	10	100	16592	0	-76.1	10.0	9	5	70		100	16619	0	-77.1	10.4	6	80	87	9
150	14347	0	-63.2	24.8	3	87	176	11	150	14206	0	-65.4	12.4	9	64	104	6	150	14242	0	-66.3	11.7	6	84	92	10
200	12521	0	-49.1	30.2	3	86	200	8	200	12408	0	-53.4	10.8	9	98	66	20	200	12449	0	-53.4	12.5	6	84	84	14
300	9739	0	-28.1	38.3	2	66	234	8	300	9684	0	-32.9	8.9	9	52	87	5	300	9714	0	-31.7	9.9	6	93	82	11
500	5884	0	-3.6	48.9	2	58	294	3	500	5875	0	-5.3	17.5	9	67	103	5	500	5895	0	-5.1	17.3	7	63	71	3
700	3151	0	13.4	40.6	2	64	320	5	700	3153	0	10.8	16.4	9	62	135	4	700	3179	0	9.4	5.1	7	71	101	5
850	1501	0	21.7	21.6	2	86	329	5	850	1512	0	16.5	2.0	9	94	133	9	850	1540	0	16.8	1.9	8	20	261	1
998	* 78		36.8	31.6					1011	* 4		26.1	3.5					1014	* 8		25.8	2.4				
N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 JUL 2009 7117N 15647W OB 3									N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 JUL 2009 6653N 16236W OB 3									N AMERICA - USA (ALASKA) ANCHORAGE/INT., AK 70273 JUL 2009 6109N 14950W OB 3								
030	24493	0	-43.6	23.5	0	95	89	6	030	24437	0	-44.9	26.8	2	96	100	6	030	24370	0	-47.1	32.6	1	95	87	8
050	21079	0	-45.4	22.1	0	79	91	3	050	21043	0	-46.9	25.9	2	91	112	5	050	21010	0	-49.2	30.0	0	76	98	4
100	16479	0	-47.5	19.7	0	27	256	1	100	16468	0	-48.3	24.7	2	70	172	3	100	16484	0	-51.0	25.6	1	28	176	2
150	13801	0	-47.7	16.1	0	57	269	4	150	13803	0	-48.4	23.1	2	69	200	5	150	13847	0	-50.9	22.4	0	36	219	4
200	11909	0	-51.2	11.5	0	58	259	7	200	11919	0	-52.0	14.1	2	63	197	9	200	11981	0	-52.9	16.5	0	31	216	5
300	9264	0	-44.4	7.9	0	59	257	9	300	9282	0	-43.5	7.7	1	58	189	10	300	9330	0	-43.1	13.1	0	30	191	5
500	5646	0	-18.2	10.2	1	60	235	6	500	5647	0	-17.4	9.7	1	69	183	9	500	5693	0	-16.7	14.4	0	60	165	6
700	3055	0	-3.1	6.9	1	42	211	3	700	3049	0	-2.3	7.4	1	72	178	8	700	3086	0	-1.1	2.0	0	77	155	7
850	1493	0	5.2	7.5	1	42	143	3	850	1480	0	6.8	6.4	1	74	174	6	850	1508	0	8.5	4.8	0	73	129	6
1018	* 12		3.9	1.1					1014	* 5		16.2	16.2					1011	* 50		13.2	2.9				
N AMERICA - USA (ALASKA) ST. PAUL 70308 JUL 2009 5709N 17013W OB									N AMERICA - USA (ALASKA) COLD BAY, AK 70316 JUL 2009 5512N 16240W OB 3									N AMERICA - USA (ALASKA) YAKUTAT, AK 70361 JUL 2009 5931N 13940W OB 3								
030	24253	0	-50.4	26.2	1	94	85	7	030	24403	0	-46.4	25.3	3	96	82	8	030	24363	0	-47.8	22.8	2	96	90	7
050	20920	0	-50.9	25.9	0	92	100	5	050	21032	0	-48.8	24.3	3	85	103	5	050	21017	0	-49.4	22.7	0	86	84	4
100	16407	0	-50.4	25.7	1	48	183	3	100	16498	0	-50.3	23.5	1	47	177	3	100	16501	0	-51.7	21.4	0	30	246	2
150	13753	0	-48.3	24.6	1	58	217	6	150	13844	0	-48.6	21.4	1	58	227	7	150	13873	0	-51.8	19.3	0	50	266	5
200	11860	0	-49.2	20.2	1	59	224	9	200	11966	0	-50.0	15.8	0	60	236	11	200	12018	0	-54.2	11.4	0	46	267	6
300	9192	0	-43.4	10.1	1	50	214	10	300	9286	0	-41.5	8.4	0	60	220	13	300	9378	0	-43.0	7.7	0	47	264	7
500	5560	0	-17.3	10.4	1	53	205	7	500	5630	0	-15.9	7.8	0	67	212	9	500	5734	0	-15.9	12.3	0	45	238	4
700	2963	0	-2.9	6.3	0	60	183	7	700	3014	0	-8	9.1	0	62	205	7	700	3112	0	1.0	6.9	0	34	193	3
850	1403	0	3.7	4.1	0	59	185	7	850	1441	0	6.3	6.2	1	57	189	6	850	1524	0	9.6	7.8	1	16	154	1
1008	* 13		6.1	.3					1009	* 31		8.7	7.9					1019	* 13		10.6	.7				

UPPER AIR

JULY 2009

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) ANNETTE ISLAND 70398 JUL 2009 5502N 13134W OB									N AMERICA - USA DODGE CITY/MUN., KS. 72451 JUL 2009 3745N 09958W OB									N AMERICA - USA PITTSBURGH/GREATER PITTSBURG 72520 JUL 2009 4030N 08013W OB								
030	24285	0	-49.6	21.2	1	94	83	6	030	24206	0	-51.2	16.2	1	98	87	10	030	24194	0	-50.6	28.4	1	94	83	8
050	20965	0	-52.5	18.0	1	83	82	3	050	20922	0	-56.5	11.4	0	92	82	6	050	20900	0	-55.2	23.9	1	83	99	4
100	16498	0	-53.4	15.6	1	61	265	3	100	16641	0	-66.9	8.5	1	86	306	8	100	16534	0	-60.2	18.7	1	85	262	10
150	13890	0	-53.6	12.8	0	61	271	6	150	14180	0	-62.3	9.2	1	92	295	22	150	13991	0	-56.5	17.9	1	83	270	22
200	12049	0	-56.0	9.0	0	56	273	7	200	12371	0	-53.6	10.2	1	87	293	25	200	12157	0	-54.0	17.3	1	78	268	28
300	9412	0	-42.3	8.8	0	50	267	7	300	9654	0	-34.0	12.6	0	89	299	19	300	9475	0	-38.1	18.2	1	77	263	23
500	5750	0	-14.6	13.9	0	46	267	5	500	5877	0	-8.6	9.3	0	86	307	11	500	5758	0	-11.6	16.5	0	82	264	15
700	3120	0	1.5	9.9	0	33	256	3	700	3175	0	10.2	8.6	1	67	280	6	700	3104	0	3.1	9.5	1	83	268	9
850	1528	0	10.4	8.2	1	7	238	1	850	1524	0	20.8	9.6	1	51	235	5	850	1506	0	11.7	3.4	1	74	264	6
1015	* 36		13.5	1.8					925	* 790		19.2	3.3					973	* 373		16.7	1.2				
N AMERICA - USA BUFFALO/GREATER BUF. INT.,NY 72528 JUL 2009 4256N 07844W OB									N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 JUL 2009 4107N 10040W OB 3									N AMERICA - USA MEDFORD/MEDFORD-JACKSON COUN 72597 JUL 2009 4223N 12250W OB 3								
030	24206	0	-49.7	30.2	0	93	86	7	030	24185	0	-51.3	28.4	1	94	88	8	030	24225	0	-51.6	25.3	0	94	86	7
050	20903	0	-54.3	25.0	0	62	86	3	050	20903	0	-56.4	19.7	1	69	72	4	050	20942	0	-56.1	20.3	0	84	92	5
100	16502	0	-57.2	20.5	0	84	264	10	100	16594	0	-64.6	13.3	1	83	302	11	100	16601	0	-61.2	15.8	0	81	237	8
150	13926	0	-54.2	20.5	0	80	263	20	150	14104	0	-61.2	13.6	1	91	292	27	150	14063	0	-56.4	17.3	0	96	237	21
200	12070	0	-52.4	18.7	0	81	268	28	200	12296	0	-55.0	14.7	1	91	289	28	200	12227	0	-54.0	17.7	0	95	238	23
300	9399	0	-40.6	17.8	0	79	259	21	300	9604	0	-36.0	18.9	1	88	291	22	300	9549	0	-38.7	21.1	0	91	241	19
500	5719	0	-13.5	18.9	0	83	264	13	500	5852	0	-9.5	12.6	0	91	303	14	500	5833	0	-10.6	30.3	0	84	238	10
700	3079	0	1.6	10.9	0	82	263	9	700	3163	0	8.6	6.7	0	82	303	7	700	3154	0	7.5	6.8	0	71	219	5
850	1488	0	10.3	5.1	0	77	265	7	850	1524	0	18.2	6.6	0	34	231	3	850	1522	0	16.9	16.4	0	22	86	1
988	* 220		16.5	2.6					920	* 849		16.5	16.0					969	* 398		17.4	7.7				
N AMERICA - USA CHANHASSEN, MN. 72649 JUL 2009 4451N 09333W OB 2									N AMERICA - USA INT.FALLS/FALLS INT. MN. 72747 JUL 2009 4833N 09323W OB 3									N AMERICA - USA GREAT FALLS, MT. 72776 JUL 2009 4727N 11120W OB 2								
030	24212	0	-49.8	32.9	1	92	81	7	030	24244	0	-48.9	20.5	1	85	86	6	030	24271	0	-49.6	13.8	0	93	85	6
050	20907	0	-54.2	30.2	1	61	62	3	050	20916	0	-52.6	18.4	0	70	73	3	050	20959	0	-54.3	11.8	0	86	55	4
100	16510	0	-58.1	25.1	0	87	303	11	100	16469	0	-54.5	16.3	0	86	305	9	100	16563	0	-57.7	10.6	3	86	282	11
150	13944	0	-55.4	23.7	0	91	294	24	150	13860	0	-51.6	16.1	0	90	300	16	150	13993	0	-55.0	10.6	0	90	276	22
200	12104	0	-54.4	20.7	0	90	296	31	200	11991	0	-52.5	12.3	0	86	295	23	200	12154	0	-55.1	8.9	0	88	274	27
300	9444	0	-40.1	21.2	0	88	302	25	300	9337	0	-42.2	7.0	0	85	301	24	300	9490	0	-39.5	9.8	0	85	277	22
500	5748	0	-12.5	18.9	0	89	303	16	500	5679	0	-15.0	15.1	0	82	305	14	500	5793	0	-12.6	11.6	0	82	280	12
700	3098	0	2.8	10.4	0	84	303	11	700	3053	0	3	8.1	0	77	309	9	700	3135	0	5.3	8.8	0	72	276	5
850	1500	0	11.4	5.5	0	67	302	6	850	1471	0	9.0	8.6	0	65	305	6	850	1515	0	15.7	10.0	1	32	239	2
981	* 290		15.5	2.6					971	* 362		11.7	1.3					889	*1132		12.8	5.4				

UPPER AIR

JULY 2009

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 SPOKANE, WA. 72786 JUL 2009 4740N 11730W OB									N AMERICA - BERMUDA BERMUDA INTERNATIONAL AIRPOR 78016 JUL 2009 3222N 06440W OB 3									N AMERICA - JAMAICA KINGSTON/NORMAN MANLEY 78397 JUL 2009 1756N 07647W OB 3													
030	24248	0	-49.8	24.3	0	91	85	6	030	24128	0	-52.6	26.7	9	99	89	14	030													
050	20942	0	-54.7	19.4	0	62	78	3	050	20881	0	-59.0	21.4	6	97	90	9	050													
100	16557	0	-57.8	15.2	0	78	265	8	100	16640	0	-68.0	11.4	5	46	230	3	100	16648	0	-71.3	7.7	9	63	78	4					
150	13985	0	-54.5	15.6	0	91	261	18	150	14202	0	-66.1	8.6	6	46	295	5	150	14224	0	-65.1	8.3	9	55	289	5					
200	12141	0	-54.3	14.9	0	84	256	21	200	12421	0	-55.5	8.5	8	39	289	5	200	12421	0	-53.1	9.8	9	52	299	7					
300	9476	0	-40.7	14.2	0	82	254	16	300	9708	0	-33.6	11.9	6	54	265	5	300	9688	0	-32.3	13.1	7	5	207	1					
500	5789	0	-12.7	13.7	0	69	259	8	500	5923	0	-7.5	13.0	5	77	246	7	500	5893	0	-6.4	14.8	7	88	106	7					
700	3136	0	4.9	11.3	0	47	270	3	700	3228	0	7.5	7.9	5	82	238	7	700	3189	0	9.7	11.2	6	91	108	10					
850	1515	0	17.3	15.1	0	10	186	1	850	1602	0	16.1	4.9	5	85	236	7	850	1547	0	18.1	5.2	6	96	95	11					
932	* 728		14.0	5.7					1018	* 130		26.8	3.7					1014	* 14		26.7	7.1									
N AMERICA - NETHERLANDS ANTILLES & ARUBA JULIANA AIRPORT, 78866 JUL 2009 1802N 06307W OB 2									N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 78988 JUL 2009 1212N 06858W OB 3									S AMERICA - BRAZIL BELEM (AEROPORTO) 82193 JUL 2009 0123S 04829W OB 2													
030	24004	0	-54.2		9	99	91	18	030	23946	0	-55.7	10.6	9	99	88	24	030	23870	0	-55.7	21.4	7	99	95	24					
050	20791	0	-62.9		9	99	93	14	050	20755	0	-63.9	8.8	6	99	89	14	050	20725	0	-65.0	14.7	1	88	271	8					
100	16619	0	-71.8		9	65	94	3	100	16621	0	-73.5	7.6	6	86	86	6	100	16601	0	-77.6	7.0	1	46	91	3					
150	14231	0	-64.1		6	60	268	4	150	14222	0	-66.9	8.1	4	74	298	8	150	14227	0	-66.8	12.7	0	93	264	14					
200	12432	0	-54.4	5.8	7	53	286	5	200	12431	0	-53.5	10.2	4	50	286	4	200	12435	0	-53.7	23.2	0	53	258	5					
300	9710	0	-31.1	10.4	7	21	294	1	300	9694	0	-31.5	11.2	3	43	127	3	300	9702	0	-31.5	38.6	0	56	124	5					
500	5881	0	-6.4	12.4	6	88	93	5	500	5882	0	-6.0	9.5	1	94	96	9	500	5877	0	-5.4	32.3	0	89	79	9					
700	3208	0	9.7	6.4	6	90	95	8	700	3169	0	9.5	8.3	2	93	97	13	700	3169	0	8.5	10.2	0	99	95	10					
850	1568	0	17.1	3.7	8	98	94	9	850	1528	0	17.8	4.1	1	98	102	12	850	1536	0	17.4	5.3	0	95	120	10					
1017	* 4		28.0	5.3					1006	* 54		27.4	2.8					1012	* 16		27.1	4.7									
S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 JUL 2009 0309S 05959W OB 2									S AMERICA - BRAZIL NATAL AEROPORTO 82599 JUL 2009 0555S 03515W OB 2									S AMERICA - BRAZIL PORTO VELHO (AEROPORTO) 82824 JUL 2009 0846S 06355W OB													
030	23864	0	-59.2	21.0	9	98	90	22	030									030	23860	0	-57.4		1	97	89	17					
050	20714	0	-65.3	14.0	5	96	275	13	050									050	20677	0	-64.4		0	88	278	11					
100	16594	0	-76.5	7.0	4	33	241	3	100	16600	0	-77.1	11.7	8	40	56	3	100	16577	0	-76.0	12.8	0	87	289	10					
150	14224	0	-67.7	11.1	1	90	285	14	150	14220	0	-67.1	11.0	8	88	267	14	150	14194	0	-67.9	10.2	0	93	275	14					
200	12437	0	-53.8	19.4	2	65	300	7	200	12434	0	-54.2	23.5	5	68	256	9	200	12411	0	-54.3	23.4	0	70	280	10					
300	9700	0	-31.3	31.0	2	50	88	4	300	9704	0	-31.8	42.6	3	33	180	3	300	9682	0	-32.3	21.6	0	40	306	4					
500	5886	0	-5.9	24.8	1	95	81	9	500	5883	0	-5.5	35.6	0	77	97	5	500	5876	0	-5.9	23.4	0	69	50	5					
700	3178	0	8.1	8.5	0	94	87	9	700	3172	0	8.9	17.7	0	75	108	5	700	3168	0	8.8	8.5	0	80	69	4					
850	1545	0	17.7	4.5	1	97	98	9	850	1542	0	15.5	3.0	0	94	120	9	850	1532	0	17.8	4.4	0	89	66	6					
1005	* 84		26.6	3.0					1012	* 52		25.6	2.4					1003	* 102		23.6	23.4									

UPPER AIR

JULY 2009

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 RECIFE 82900 JUL 2009 0803S 03455W OB 2									S AMERICA - BRAZIL ALTA FLORESTA (AEROPORTO) 82965 JUL 2009 0952S 05606W OB /									S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 JUL 2009 1242S 06006W OB 2														
030	23913	0	-57.0						030	23899	0	-56.7					9	97	87	17	030	23884	0	-55.1					8	96	83	12
050	20734	0	-65.5						050	20706	0	-64.1					0	95	281	11	050	20670	0	-62.5					1	87	276	7
100	16622	0	-76.3						100	16594	0	-75.5					0	76	294	8	100	16565	0	-69.2					0	93	289	14
150	14235	0	-67.2						150	14209	0	-67.9					0	94	271	15	150	14178	0	-68.1					0	97	272	18
200	12448	0	-54.4						200	12424	0	-54.3					0	82	268	12	200	12397	0	-54.7					0	87	267	17
300	9720	0	-31.6	23.6					300	9695	0	-32.2	21.6				0	47	264	4	300	9676	0	-33.2	22.6				0	78	272	9
500	5895	0	-4.9	30.4					500	5886	0	-5.4	31.3				0	57	80	4	500	5879	0	-6.1	26.4				0	46	340	3
700	3179	0	9.3	23.3					700	3175	0	8.7	14.1				0	40	64	2	700	3171	0	8.0	10.5				0	33	357	2
850	1547	0	15.7	2.9					850	1543	0	18.2	7.3				0	96	76	7	850	1540	0	18.1	6.5				1	78	38	5
1015	* 7		26.3	3.6					982	* 288		20.6	2.9																			
S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 JUL 2009 1539S 05606W OB									S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 JUL 2009 1552S 04756W OB 3									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 JUL 2009 2028S 05440W OB 2														
030	23894	0	-54.8						030								2	69	278	5	030								9	77	314	5
050	20670	0	-62.6						050	20684	0	-63.2					1	89	277	16	050	20689	0	-60.0					9	94	278	25
100	16556	0	-73.5						100	16569	0	-73.3					0	98	268	23	100	16535	0	-72.5	14.7				9	97	271	37
150	14164	0	-68.0						150	14171	0	-67.9					0	96	256	25	150	14128	0	-67.2	15.0				9	96	268	37
200	12385	0	-55.3						200	12425	0	-55.4					0	85	265	14	200	12349	0	-56.0	16.3				9	93	282	39
300	9671	0	-33.6	18.9					300	9681	0	-34.0	21.3				0	50	261	4	300	9650	0	-85.2	31.7				9	87	290	13
500	5882	0	-6.4	21.0					500	5896	0	-6.2	31.5				0	45	78	3	500	5885	0	-8.0	19.0				9	92	309	12
700	3174	0	7.6	12.3					700	3187	0	7.5	20.2				0	90	59	8	700	3186	0	6.6	7.3				9	71	315	7
850	1544	0	18.3	8.0					850	1562	0	16.9	9.4																			
994	* 187		20.6	3.8					901	* 1061		18.0	7.8																			
S AMERICA - BRAZIL TRINDADE (ILHA) 83650 JUL 2009 2030S 02919W OB 2									S AMERICA - BRAZIL GALEAO 83746 JUL 2009 2249S 04315W OB 2									S AMERICA - BRAZIL MARTE 83779 JUL 2009 2330S 04638W OB														
030									030	23876	0	-55.0	24.4				9	83	273	5	030	23894	0	-54.1	25.3				9	88	281	7
050	20681	0	-63.2						050	20659	0	-60.2	18.5				2	86	295	6	050	20663	0	-59.8	18.9				7	94	285	8
100	16539	0	-71.4	15.8					100	16485	0	-71.0	9.3				2	94	278	25	100	16467	0	-70.6	9.7				7	93	277	26
150	14106	0	-64.7	17.5					150	14054	0	-65.4	12.3				1	96	275	35	150	14031	0	-64.5	13.2				7	96	275	37
200	12313	0	-55.5	16.8					200	12267	0	-56.5	18.7				0	93	264	39	200	12244	0	-56.5	18.7				7	94	265	43
300	9624	0	-36.7	21.4					300	9585	0	-37.0	28.8				0	89	275	16	300	9566	0	-37.1	13.0				7	91	271	30
500	5876	0	-8.8	30.8					500	5846	0	-9.9	26.3				0	88	280	15	500	5832	0	-10.4	19.0				7	93	280	20
700	3185	0	7.7	37.3					700	3170	0	5.8	17.8				0	89	280	9	700	3159	0	5.2	11.8				7	92	282	12
850	1569	0	11.6	7.8					850	1557	0	14.0	7.6				0	72	305	5	850	1546	0	13.1	5.2				7	54	323	5
1022	* 5		24.5	6.3					1019	* 6		20.7	4.2																			

UPPER AIR

JULY 2009

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 CURITIBA (AEROPORTO) 83840 JUL 2009 2531S 04910W OB 2									S AMERICA - BRAZIL PORTO ALEGRE (AEROPORTO) 83971 JUL 2009 3000S 05111W OB 2									S AMERICA - CHILE SANTO DOMINGO 85586 JUL 2009 3339S 07137W OB										
030									030	23801	0	-56.7	19.6		9	93	269	14	030									
050	20633	0	-59.0	20.8	9	90	292	9	050	20583	0	-59.9	14.3		2	91	273	11	050									
100	16410	0	-68.4	11.0	9	97	280	29	100	16312	0	-64.3	10.9		0	96	280	25	100	16252	0	-60.0	26.5	4	90	273	16	
150	13950	0	-63.8	12.6	9	99	275	43	150	13805	0	-59.1	12.4		0	95	276	40	150	13696	0	-55.7	27.2	2	95	263	29	
200	12163	0	-57.6	16.4	8	97	275	50	200	11999	0	-57.5	12.1		0	95	279	51	200	11872	0	-58.2	17.9	1	90	264	31	
300	9502	0	-38.3	28.0	6	91	280	35	300	9365	0	-42.6	15.1		0	93	283	39	300	9271	0	-46.6	12.6	1	72	260	23	
500	5795	0	-11.0	26.2	5	93	282	21	500	5715	0	-15.2	19.1		0	89	277	21	500	5676	0	-19.3	17.2	0	60	263	11	
700	3137	0	3.7	15.8	4	92	285	12	700	3093	0	.4	18.5		0	80	271	10	700	3087	0	-1.8	17.4	0	49	313	5	
850	1532	0	10.4	4.6	3	59	327	5	850	1514	0	6.9	13.0		0	60	277	5	850	1515	0	7.6	19.4	0	12	314	1	
916	* 908		11.3	.9					1020	* 3		9.0	.9						1011	* 75		6.3	1.5					
S AMERICA - CHILE PUERTO MONTT 85799 JUL 2009 4126S 07306W OB 2									S AMERICA - ARGENTINA RESISTENCIA AERO 87155 JUL 2009 2727S 05903W OB 2									S AMERICA - ARGENTINA EZEIZA AERO 87576 JUL 2009 3449S 05832W OB 3										
030									030	23835	0	-50.6			6	80	280	9	030	23739	0	-58.3			6	95	260	16
050	20488	0	-57.4	30.1	5	96	250	16	050	20608	0	-59.9	27.6		3	91	270	8	050	20540	0	-58.6			3	94	260	13
100	16103	0	-56.6	30.8	2	86	255	19	100	15853	0	-65.8	21.6		2	97	265	25	100	16202	0	-59.3			1	96	270	23
150	13522	0	-55.6	29.3	1	81	249	18	150	13881	0	-61.9	23.0		2	98	275	43	150	13655	0	-55.5			1	96	270	30
200	11701	0	-58.5	20.9	1	67	242	18	200	12085	0	-57.1	22.3		2	95	275	51	200	11812	0	-56.8			1	92	270	34
300	9120	0	-49.0	14.4	1	58	243	18	300	9431	0	-41.1	13.4		2	95	275	37	300	9208	0	-47.3	15.0		1	83	270	29
500	5573	0	-22.6	13.2	0	52	252	11	500	5896	0	-13.6	17.6		2	89	280	19	500	5632	0	-20.2	13.5		1	87	270	21
700	3023	0	-6.7	15.7	2	44	254	7	700	3109	0	3.6	17.6		2	75	295	7	700	3054	0	-3.8	16.5		1	74	260	12
850	1485	0	1.1	11.8	2	36	272	4	850	1514	0	9.5	13.6		3	22	290	2	850	1498	0	4.3	18.4		1	61	250	10
1009	* 90		3.5	.4					1013	* 53		8.1	7.5						1018	* 20		5.1	2.6					
S AMERICA - ARGENTINA COMODORO RIVADAVIA AERO 87860 JUL 2009 4547S 06730W OB 2									ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 JUL 2009 6835S 07758E OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 JUL 2009 6617S 11030E OB 3										
030	23539	0	-62.6		4	97	254	29	030	21634	0	-85.3	9.3		4	97	274	30	030	21806	0	-84.5	10.1		5	98	278	40
050	20361	0	-60.8		2	96	254	23	050	18792	0	-82.8	9.7		3	96	275	24	050	18957	0	-82.2	10.4		1	96	280	31
100	16018	0	-57.0		1	92	256	22	100	14862	0	-76.4	11.5		1	91	276	13	100	15020	0	-75.6	12.6		1	94	291	21
150	13480	0	-56.5		1	80	250	21	150	12499	0	-71.9	12.4		1	75	272	9	150	12643	0	-71.0	12.8		0	86	298	16
200	11572	0	-59.0		1	73	247	21	200	10793	0	-69.3	11.7		1	29	277	4	200	10939	0	-70.6	10.2		0	70	322	16
300	8991	0	-50.8	13.3	2	59	249	19	300	8326	0	-59.4	11.0		1	10	272	2	300	8473	0	-58.0	10.2		0	57	329	14
500	5484	0	-26.4	11.2	2	65	243	14	500	4967	0	-37.0	8.5		1	24	89	4	500	5068	0	-33.0	10.2		0	48	350	8
700	2959	0	-8.9	11.3	3	78	231	12	700	2568	0	-22.5	10.0		1	57	76	6	700	2624	0	-18.6	8.3		0	46	34	6
850	1429	0	-1	11.4	3	78	274	11	850	1129	0	-17.6	6.7		1	88	51	11	850	1156	0	-11.6	5.9		0	75	45	9
1008	* 58		5.3	7.9					985	* 23		-14.5	5.3						982	* 42		-9.6	3.0					

UPPER AIR

JULY 2009

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 - JAPAN (ANTARCTIC) SYOWA 89532 JUL 2009 6900S 03935E OB 1									NTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 JUL 2009 7535S 02639W OB 2									NTARCTICA - UNITED KINGDOM (ANTARCTIC) ROTHERA 89062 JUL 2009 6734S 06808W OB								
030	21543	0	-85.7	3.5	3	95	264	31	030	18730	0	-82.6	10.7	9	87	230	27	030	22308	0	-76.1	18.5	9	93	252	50
050	18730	0	-83.4	.3	2	93	265	24	050	18730	0	-82.6	10.7	9	87	230	27	050	19229	0	-75.8	17.2	9	93	250	41
100	14832	0	-77.1	3.8	1	86	272	15	100	14758	0	-78.5	9.6	5	64	233	9	100	15151	0	-69.8	18.7	9	90	243	30
150	12476	0	-72.2	.6	1	77	282	11	150	12413	0	-72.7	11.4	5	45	234	6	150	12725	0	-67.0	18.7	9	88	237	24
200	10774	0	-70.0	10.3	1	63	306	10	200	10713	0	-70.3	10.6	5	35	229	5	200	10981	0	-65.1	16.7	9	85	231	22
300	8322	0	-60.7	10.6	1	56	329	10	300	8255	0	-60.5	10.0	5	22	272	4	300	8478	0	-57.5	13.8	9	74	228	19
500	4978	0	-37.2	1.2	1	51	346	7	500	4916	0	-38.3	11.3	5	21	329	3	500	5094	0	-34.8	15.9	9	76	226	14
700	2576	0	-22.4	8.3	1	48	359	5	700	2534	0	-25.3	10.0	5	24	37	3	700	2670	0	-19.3	9.3	9	78	233	10
850	1134	0	-17.1	7.0	1	81	30	11	850	1113	0	-21.5	6.1	5	44	58	5	850	1206	0	-13.0	7.5	9	47	264	4
986	* 21		-16.5	3.7					984	* 35		-27.7	2.9					995	* 33		-12.1	2.8				
ANTARCTICA - USSR (ANTARCTIC) NOVOLAZAREVSKAJA 89512 JUL 2009 7046S 01150E OB 1									ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 JUL 2009 6633S 09301E OB 1									W PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 JUL 2009 0518N 10010E OB 3								
030	21587	0	-82.7	14.7	2	94	265	55	030	21779	0	-83.3	7.5	9	96	276	71	030								
050	18738	0	-81.6	13.8	2	93	265	42	050	18943	0	-80.4	8.0	9	96	279	56	050								
100	14810	0	-75.8	13.4	0	85	262	26	100	14993	0	-73.7	8.3	5	90	286	35	100								
150	12438	0	-70.7	13.0	0	74	255	17	150	12592	0	-69.3	8.0	4	84	294	26	150	13269	0	-63.7	6.5	0	97	73	25
200	10726	0	-68.5	12.4	0	48	241	11	200	10871	0	-67.5	7.9	4	71	304	23	200	11795	0	-51.2	5.7	0	97	68	19
300	8260	0	-60.0	11.6	0	23	206	6	300	8384	0	-57.2	7.9	4	49	315	18	300	9190	0	-29.3	5.1	0	82	85	11
500	4920	0	-38.6	11.5	0	30	122	6	500	5001	0	-35.3	7.5	4	39	19	10	500	5493	0	-5.4	4.0	0	37	172	7
700	2544	0	-25.5	10.5	0	74	103	17	700	2589	0	-21.0	6.5	4	60	67	12	700	3116	0	9.7	6.1	0	79	245	9
850	1120	0	-18.1	12.1	0	93	97	28	850	1144	0	-16.0	6.5	4	95	81	26	850	1484	0	18.7	5.3	0	76	233	6
970	* 119		-14.5	11.0					983	* 40		-13.1	3.7					1008	* 4		27.5	4.2				
SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 JUL 2009 0610N 10210E OB 3									W PACIFIC - MALAYSIA (PENIN. MALAYSIA) KUANTAN 48657 JUL 2009 0347N 10310E OB 3									SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 JUL 2009 0122N 10350E OB 3								
030	23874	0	-58.8	23.4	4	83	101	19	030	23843	0	-59.8	22.7	0	80	99	17	030	23826	0	-59.9	30.1	0	99	88	23
050	20708	0	-64.0	15.2	4	51	137	4	050	20693	0	-65.2	15.2	0	44	246	4	050	20685	0	-65.2	26.4	0	66	272	8
100	16583	0	-76.1	8.1	0	93	84	16	100	16578	0	-76.0	8.5	0	70	98	9	100	16565	0	-75.3	9.8	0	34	73	3
150	14186	0	-67.9	6.7	0	95	79	22	150	14192	0	-68.1	6.8	0	94	77	24	150	14200	0	-67.8	8.0	0	97	73	25
200	12401	0	-53.6	5.8	0	87	72	15	200	12397	0	-54.0	6.0	0	94	71	19	200	12415	0	-53.8	7.9	0	97	68	20
300	9673	0	-30.4	5.1	0	72	75	7	300	9668	0	-30.9	5.4	0	84	78	8	300	9677	0	-31.0	8.3	0	91	81	11
500	5844	0	-5.2	4.0	0	33	227	2	500	5842	0	-5.4	4.0	0	44	166	3	500	5856	0	-6.1	5.4	0	58	119	4
700	3122	0	10.0	5.2	0	81	271	7	700	3120	0	9.9	4.4	0	68	260	6	700	3141	0	9.4	6.1	0	66	268	5
850	1486	0	19.2	4.3	0	74	252	5	850	1485	0	19.2	3.8	0	86	228	7	850	1501	0	18.4	5.0	0	80	236	5
1008	* 5		27.0	3.7					1007	* 16		26.4	2.6					1008	* 16		27.7	4.9				

UPPER AIR

JULY 2009

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 - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, HAW 91285 JUL 2009 1943N 15500W OB 2									SW PACIFIC - KIRIBATI TARAWA 91610 JUL 2009 0121N 17250E OB 3									SW PACIFIC - TUVALU FUNAFUTI 91643 JUL 2009 0831S 17910E OB 3								
030	23922	0	-55.8	11.3	1	99	96	22	030	23859	0	-58.8	19.7	6	89	93	20	030	23859	0	-58.8		6	89	93	20
050	20727	0	-63.2	9.1	1	98	91	14	050	20703	0	-64.9	14.7	7	94	268	13	050	20703	0	-64.9		7	94	268	13
100	16567	0	-70.9	8.2	0	66	241	4	100	16593	0	-79.7	5.6	6	26	133	3	100	16593	0	-79.7		6	26	133	3
150	14146	0	-66.1	8.8	0	92	270	20	150	14247	0	-67.7	7.0	6	38	270	4	150	14247	0	-67.7		6	38	270	4
200	12358	0	-54.7	10.4	0	88	265	22	200	12455	0	-52.6	8.0	6	31	276	4	200	12455	0	-52.6		6	31	276	4
300	9643	0	-34.0	14.1	0	87	264	14	300	9700	0	-29.7	12.4	6	6	192	1	300	9700	0	-29.7	12.4	6	6	192	1
500	5864	0	-7.2	21.5	0	46	245	3	500	5863	0	-5.2	9.6	6	59	96	7	500	5863	0	-5.2	9.6	6	59	96	7
700	3164	0	7.8	16.4	0	61	111	3	700	3142	0	10.0	8.5	6	72	89	8	700	3142	0	10.0	8.5	6	72	89	8
850	1542	0	13.9	2.0	1	81	84	4	850	1500	0	17.8	3.9	6	70	91	6	850	1500	0	17.8	3.9	6	70	91	6
1016	* 11		21.3	2.6					1009	* 4		29.3	4.9					1009	* 2		29.3	4.9				
SW PACIFIC - FIJI NADI AIRPORT 91680 JUL 2009 1745S 17720E OB 3									SW PACIFIC - SAMOA AND AMERICAN SAMOA PAGO PAGO/INT.AIRP. 91765 JUL 2009 1420S 17040W OB 2									W PACIFIC - FRENCH POLY. (MARQUESAS IS) ATUONA 91925 JUL 2009 0949S 13902W OB 1								
030	23919	0	-54.4						030	23893	0	-54.9	22.3	2	95	93	9	030	23932	0	-55.9	21.3	6		92	15
050	20680	0	-61.3		7	36	293	2	050	20677	0	-62.4	14.5	1	70	276	3	050	20717	0	-63.2	13.7	2	85	269	9
100	16606	0	-80.3	9.7	2	88	286	15	100	16611	0	-80.9	7.1	1	49	317	3	100	16625	0	-78.3	9.7	1	50	239	4
150	14252	0	-67.3	12.9	2	88	268	16	150	14258	0	-67.3	10.1	1	50	233	4	150	14259	0	-66.5	10.9	0	74	242	7
200	12458	0	-52.7	18.3	2	88	274	15	200	12469	0	-52.7	16.0	1	30	244	3	200	12466	0	-52.9	15.8	0	71	251	9
300	9709	0	-30.5	25.7	2	82	280	12	300	9720	0	-30.2	24.7	1	14	326	1	300	9723	0	-30.5	35.9	0	33	164	3
500	5876	0	-4.8	29.6	2	82	284	9	500	5883	0	-4.1	28.2	1	42	43	3	500	5881	0	-2.8	40.0	0	90	96	10
700	3153	0	10.5	24.0	2	48	260	6	700	3157	0	10.3	9.8	1	48	72	3	700	3143	0	12.0	33.9	0	69	79	5
850	1519	0	15.6	4.8	2	28	15	2	850	1518	0	16.8	16.5	1	86	91	7	850	1506	0	15.9	4.5	0	88	102	7
1012	* 18		26.8	7.1					1012	* 6		26.4	2.7					1005	* 53		27.7	5.1				
SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 JUL 2009 2308S 13458W OB 1									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 JUL 2009 2321S 14929W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 JUL 2009 2737S 14420W OB 1								
030	23963	0	-52.3		9	30	75	2	030	23913	0	-53.2		8	18	7	1	030	23945	0	-52.8		9	43	291	3
050	20709	0	-59.7		4	40	244	2	050	20663	0	-60.6		3	60	276	5	050	20691	0	-59.4		8	81	269	7
100	16552	0	-74.6		1	93	262	20	100	16543	0	-77.2		3	93	267	22	100	16494	0	-71.5		8	95	262	29
150	14154	0	-65.4		0	97	249	32	150	14170	0	-66.8		1	97	260	31	150	14065	0	-64.1		7	97	259	45
200	12362	0	-54.1		0	94	246	32	200	12382	0	-53.7		1	94	255	32	200	12249	0	-53.8		7	96	257	48
300	9645	0	-33.8	23.8	0	93	255	26	300	9651	0	-32.3	27.2	1	95	262	29	300	9533	0	-35.0	23.3	1	95	266	44
500	5858	0	-6.2	25.7	0	88	271	15	500	5849	0	-6.0	27.6	1	88	272	18	500	5773	0	-9.2	30.5	0	91	274	27
700	3150	0	8.2	22.1	0	63	289	6	700	3139	0	8.0	23.6	0	79	272	10	700	3104	0	4.6	23.9	0	83	272	15
850	1530	0	13.2	7.1	0	56	306	5	850	1521	0	12.9	8.5	0	56	286	5	850	1504	0	10.0	7.3	0	72	277	9
1006	* 91		23.0	5.7					1016	* 3		23.5	6.3					1016	* 2		18.5	4.4				

UPPER AIR

JULY 2009

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 WHENUAPAI 93112 JUL 2009 3647S 17430E OB 1									SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 JUL 2009 4054S 17450E OB 1									SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 JUL 2009 4625S 16810E OB 1									
030	23709	0	-55.3	31.6	3	98	275	25	030	23572	0	-57.9	28.2						030								
050	20471	0	-58.1		2	97	275	22	050	20360	0	-58.9	27.9						050	20132	0	-60.1	28.8	5	98	268	36
100	16131	0	-59.9		0	97	273	35	100	15999	0	-58.0	27.8	4	98	270	30	100	15808	0	-58.5	29.4	1	98	266	29	
150	13577	0	-55.9	31.4	0	96	274	44	150	13423	0	-54.7	28.9	1	97	271	35	150	13250	0	-57.3	28.8	1	97	263	24	
200	11738	0	-53.2	28.2	0	93	276	48	200	11586	0	-55.9	23.5	1	96	271	31	200	11441	0	-60.3	20.2	1	88	263	19	
300	9097	0	-46.8	18.3	0	92	274	34	300	8998	0	-50.6	14.0	1	86	274	20	300	8900	0	-53.8	12.9	1	72	260	15	
500	5534	0	-22.4	18.1	0	84	268	17	500	5483	0	-24.6	14.6	2	78	258	10	500	5424	0	-26.8	15.2	1	75	255	12	
700	2980	0	-5.4	18.9	0	73	259	9	700	2945	0	-7.3	14.9	1	72	266	8	700	2907	0	-9.5	11.3	1	66	263	9	
850	1434	0	2.1	5.5	0	57	251	7	850	1409	0	.2	.3	0	39	265	4	850	1379	0	-1.1	4.6	1	60	269	7	
1008	* 30		12.6	4.0					1010	* 12		10.0	3.8						1008	* 4		5.1	1.4				
SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 JUL 2009 4357S 17630W OB 1									SW PACIFIC - NEW ZEALAND RAOUL ISLAND, KERMADEC IS. 93997 JUL 2009 2915S 17750W OB 1									SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 JUL 2009 1225S 13050E OB /									
030	23468	0	-58.1		4	98	274	40	030	23873	0	-52.7	31.1	9	87	283	15	030	23891	0	-56.3	31.9	0	94	90	13	
050	20257	0	-58.1	30.8	2	98	272	35	050	20619	0	-59.8		3	96	275	13	050	20672	0	-61.8	30.2	0	74	258	4	
100	15878	0	-56.7	31.2	1	98	269	33	100	16403	0	-69.9		3	99	271	37	100	16592	0	-80.1	9.3	0	41	135	4	
150	13301	0	-55.9	32.1	0	97	269	31	150	13955	0	-62.2	25.8	3	98	269	57	150	14244	0	-68.1	10.6	0	46	45	7	
200	11477	0	-58.0	30.3	0	94	271	31	200	12137	0	-51.8	22.4	3	98	268	62	200	12458	0	-53.4	15.1	0	46	29	5	
300	8910	0	-51.6	16.6	0	86	271	23	300	9413	0	-35.3	25.1	3	96	273	54	300	9712	0	-30.2	25.9	0	22	94	2	
500	5414	0	-26.2	20.7	0	79	250	13	500	5706	0	-14.2	23.6	0	92	276	28	500	5880	0	-4.9	28.2	0	46	104	3	
700	2895	0	-9.2	19.7	0	71	238	9	700	3076	0	.8	25.7	0	81	277	14	700	3156	0	11.1	34.4	0	56	116	4	
850	1369	0	-2.1	9.1	0	53	236	7	850	1498	0	6.1	6.9	0	74	271	9	850	1527	0	15.2	10.3	0	78	114	6	
1001	* 48		7.5	4.4					1011	* 49		18.2	6.4						1012	* 35		23.1	10.0				
SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 JUL 2009 1217S 13640E OB /									SW PACIFIC - AUSTRALIA WEIPA AERO 94170 JUL 2009 1241S 14150E OB									SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 JUL 2009 1757S 12210E OB /									
030	23888	0	-56.9	31.8	0	96	87	14	030	23903	0	-56.7	30.9	7	98	90	13	030	23899	0	-54.1	31.9	0	56	90	5	
050	20665	0	-61.8	30.3	0	59	256	4	050	20680	0	-61.7	28.6	6	49	230	3	050	20660	0	-61.4	28.5	0	40	238	2	
100	16586	0	-79.7	9.7	0	28	120	2	100	16597	0	-80.3	8.9	5	38	107	3	100	16584	0	-78.8	9.1	0	71	251	7	
150	14239	0	-68.1	11.4	0	44	40	6	150	14253	0	-68.0	11.0	5	36	27	5	150	14230	0	-67.4	12.2	0	78	286	13	
200	12454	0	-53.5	15.8	0	52	9	5	200	12467	0	-53.5	13.8	5	43	358	5	200	12438	0	-53.1	18.7	0	78	283	14	
300	9710	0	-30.0	27.8	0	7	132	1	300	9721	0	-29.7	26.5	3	14	231	1	300	9692	0	-30.5	29.4	0	79	264	13	
500	5876	0	-4.8	31.3	1	58	85	4	500	5884	0	-4.3	32.8	3	24	93	2	500	5871	0	-5.2	36.7	0	71	267	8	
700	3152	0	11.0	34.6	0	27	95	2	700	3157	0	11.5	33.7	3	23	79	2	700	3157	0	9.0	30.9	0	33	272	3	
850	1521	0	14.3	8.2	0	92	101	7	850	1525	0	14.7	7.4	3	88	127	7	850	1536	0	15.0	11.6	0	38	52	2	
1008	* 54		25.2	24.4					1013	* 19		24.4	7.0						1015	* 17		18.7	11.2				

UPPER AIR

JULY 2009

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 TOWNSVILLE AERO 94294 JUL 2009 1915S 14640E OB /									SW PACIFIC - AUSTRALIA LEARMONTH AIRPORT 94302 JUL 2009 2214S 11400E OB /									SW PACIFIC - AUSTRALIA PORT HEDLAND AIRPORT 94312 JUL 2009 2022S 11830E OB /								
030	23903	0	-53.9	32.5	2	26	29	2	030	23885	0	-52.8	32.1	0	25	104	2	030	23888	0	-53.2	32.8	0	55	101	4
050	20661	0	-61.1	30.0	2	44	282	3	050	20643	0	-62.0	29.2	0	51	235	3	050	20648	0	-61.5	30.4	0	68	230	4
100	16567	0	-78.9	9.3	2	91	270	14	100	16547	0	-77.4	11.4	0	95	265	19	100	16562	0	-78.3	10.8	0	88	264	13
150	14210	0	-67.1	12.7	2	90	286	23	150	14170	0	-66.3	15.0	0	96	276	28	150	14198	0	-66.9	15.0	0	92	276	22
200	12416	0	-53.1	17.6	2	90	277	23	200	12372	0	-52.6	20.5	0	95	275	32	200	12404	0	-53.1	20.7	0	90	277	24
300	9672	0	-31.0	29.1	1	90	267	21	300	9631	0	-31.8	27.5	0	94	271	30	300	9661	0	-31.1	30.1	0	90	269	22
500	5857	0	-5.4	35.9	1	91	267	15	500	5829	0	-6.2	34.6	0	95	269	20	500	5849	0	-5.6	38.6	0	87	269	14
700	3145	0	8.7	40.5	0	62	239	5	700	3137	0	6.5	35.9	0	68	269	7	700	3146	0	7.4	29.6	0	69	265	6
850	1533	0	11.1	11.6	1	36	120	2	850	1532	0	10.7	11.1	0	15	15	1	850	1532	0	13.1	16.6	0	40	17	3
1018	* 9		21.8	11.4					1018	* 6		13.0	4.2					1017	* 10		16.0	15.4				
SW PACIFIC - AUSTRALIA ALICE SPRINGS AIRPORT 94326 JUL 2009 2348S 13350E OB /									SW PACIFIC - AUSTRALIA MOUNT ISA AERO 94332 JUL 2009 2041S 13920E OB /									SW PACIFIC - AUSTRALIA ROCKHAMPTON AERO 94374 JUL 2009 2323S 15020E OB								
030	23889	0	-53.6	32.7	6	37	249	3	030	23897	0	-53.2	31.5	0	15	347	1	030	23885	0	-52.6	31.5	1	51	289	5
050	20645	0	-60.6	30.7	6	77	235	5	050	20655	0	-60.9	28.3	0	49	258	3	050	20639	0	-60.6	29.2	1	73	268	6
100	16518	0	-75.6	13.2	4	93	264	24	100	16553	0	-78.4	10.6	0	93	264	18	100	16507	0	-75.9	13.6	1	97	270	25
150	14128	0	-65.1	17.4	4	92	271	36	150	14188	0	-66.7	14.1	0	88	274	26	150	14117	0	-65.3	17.2	0	95	275	38
200	12325	0	-52.7	21.7	4	90	270	40	200	12391	0	-52.5	19.9	0	90	272	27	200	12312	0	-52.1	21.7	0	93	276	40
300	9586	0	-32.4	27.4	4	92	265	37	300	9648	0	-31.5	28.8	0	93	264	25	300	9573	0	-32.8	28.4	0	94	273	37
500	5803	0	-8.9	32.3	4	91	260	23	500	5844	0	-6.3	31.7	0	92	262	18	500	5795	0	-8.5	33.8	0	94	272	24
700	3137	0	3.6	25.0	4	65	260	7	700	3145	0	6.8	35.2	0	76	236	7	700	3122	0	4.4	35.0	0	71	251	6
850	1543	0	7.9	10.8	4	54	154	4	850	1535	0	12.6	20.5	0	48	177	3	850	1528	0	8.8	11.9	0	23	184	2
958	* 547		11.5	11.4					980	* 342		16.7	14.5					1019	* 14		18.1	9.6				
SW PACIFIC - AUSTRALIA GERALDTON AIRPORT 94403 JUL 2009 2848S 11440E OB /									SW PACIFIC - AUSTRALIA GILES METEOROLOGICAL OFFICE 94461 JUL 2009 2502S 12810E OB /									SW PACIFIC - AUSTRALIA CHARLEVILLE AERO 94510 JUL 2009 2625S 14610E OB /								
030	23851	0	-53.1	32.9					030	23888	0	-52.6	33.0	0	51	259	4	030	23867	0	-53.0	32.3	4	83	272	8
050	20613	0	-60.5	30.4	7	90	249	9	050	20641	0	-60.8	30.1	0	75	260	6	050	20622	0	-60.8	29.4	4	82	272	8
100	16423	0	-70.5	19.7	4	97	267	30	100	16502	0	-74.6	14.3	0	94	266	26	100	16444	0	-72.3	17.6	4	95	270	30
150	13976	0	-62.3	22.0	2	97	269	48	150	14105	0	-65.1	17.1	0	92	271	40	150	14022	0	-63.8	19.5	4	95	273	46
200	12159	0	-52.0	24.5	0	97	271	55	200	12300	0	-52.3	21.6	0	91	268	44	200	12210	0	-51.8	23.3	4	94	275	49
300	9435	0	-35.7	27.6	0	97	270	45	300	9561	0	-32.8	26.5	0	92	266	41	300	9479	0	-34.5	28.2	4	92	266	44
500	5724	0	-14.0	30.1	0	84	266	20	500	5791	0	-9.5	32.8	0	89	267	23	500	5750	0	-13.4	25.5	4	93	264	22
700	3099	0	.6	26.0	0	63	263	8	700	3130	0	3.3	30.1	0	70	268	8	700	3115	0	1.8	31.6	3	79	254	8
850	1522	0	6.5	13.1	0	33	248	3	850	1537	0	8.8	14.5	0	6	275	1	850	1531	0	7.7	17.4	3	36	247	3
1016	* 37		10.3	2.8					952	* 599		11.0	9.1					985	* 306		13.4	10.2				

UPPER AIR

JULY 2009

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 BRISBANE AERO 94578 JUL 2009 2723S 15300E OB /									SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 JUL 2009 3156S 11550E OB /									SW PACIFIC - AUSTRALIA KALGOORLIE-BOULDER AIRPORT 94637 JUL 2009 3047S 12120E OB /								
030	23853	0	-52.8	32.7	2	88	273	10	030	23801	0	-54.8	32.3	2	96	265	18	030	23815	0	-53.8	32.3	6	96	268	15
050	20606	0	-60.0	30.5	0	91	275	10	050	20570	0	-60.3	30.6	2	96	263	15	050	20587	0	-60.7	29.8	2	93	259	12
100	16412	0	-70.2	19.8	0	97	270	31	100	16329	0	-65.9	25.1	1	97	266	34	100	16357	0	-67.4	23.2	1	96	267	34
150	13971	0	-62.9	21.3	0	96	272	51	150	13837	0	-59.7	26.0	1	98	267	51	150	13883	0	-60.9	24.7	1	95	265	50
200	12154	0	-51.8	24.9	0	92	273	54	200	12008	0	-51.9	26.3	1	97	269	54	200	12057	0	-52.2	25.3	1	95	268	58
300	9430	0	-35.7	25.6	0	92	270	47	300	9314	0	-40.1	25.2	0	90	268	39	300	9351	0	-38.0	26.8	0	93	268	46
500	5718	0	-14.5	29.4	0	91	267	22	500	5669	0	-17.5	26.5	0	82	266	18	500	5686	0	-16.7	25.9	0	87	271	19
700	3096	0	.6	28.8	0	74	259	9	700	3072	0	-1.8	22.8	0	71	259	10	700	3080	0	-1.2	20.9	0	78	259	11
850	1519	0	6.8	9.3	0	28	236	3	850	1508	0	4.8	13.1	0	67	263	7	850	1511	0	5.1	12.6	0	59	265	6
1019	* 10		16.2	7.9					1018	* 20		9.2	2.3					977	* 370		6.6	2.0				
SW PACIFIC - AUSTRALIA ESPERANCE 94638 JUL 2009 3350S 12150E OB /									SW PACIFIC - AUSTRALIA EUCLA 94647 JUL 2009 3141S 12850E OB									SW PACIFIC - AUSTRALIA WOOMERA AERODROME 94659 JUL 2009 3109S 13640E OB /								
030	23799	0	-55.1	31.5					030	23810	0	-53.9	32.5	3	95	266	16	030	23818	0	-53.6	32.0	0	96	270	16
050	20567	0	-59.3	30.2					050	20575	0	-59.5	30.9	1	94	266	15	050	20575	0	-59.5	30.0	0	94	263	14
100	16276	0	-63.3	26.7					100	16328	0	-65.4	27.4	0	95	265	33	100	16329	0	-66.1	24.6	0	95	265	32
150	13755	0	-57.5	28.0					150	13839	0	-59.6	27.6	0	94	266	50	150	13841	0	-59.6	25.8	0	94	266	49
200	11921	0	-52.5	25.9					200	12014	0	-52.4	26.6	0	93	264	57	200	12012	0	-52.4	24.4	0	92	267	55
300	9245	0	-42.4	22.1					300	9322	0	-39.5	25.4	0	89	265	43	300	9320	0	-39.6	23.2	0	93	266	44
500	5639	0	-19.4	16.5					500	5673	0	-18.2	26.7	0	81	264	18	500	5671	0	-17.6	27.7	0	86	263	20
700	3052	0	-2.7	19.2					700	3077	0	-1.5	25.3	0	72	267	10	700	3074	0	-2.2	22.0	0	71	262	9
850	1492	0	3.8	6.9					850	1512	0	5.1	9.3	0	64	268	6	850	1511	0	4.7	8.6	0	67	249	7
1015	* 27		10.0	9.3					1008	* 102		9.9	3.6					1001	* 168		10.2	5.9				
SW PACIFIC - AUSTRALIA ADELAIDE AIRPORT 94672 JUL 2009 3457S 13830E OB /									SW PACIFIC - AUSTRALIA COBAR MO 94711 JUL 2009 3129S 14550E OB /									SW PACIFIC - AUSTRALIA WILLIAMTOWN RAAF 94776 JUL 2009 3248S 15150E OB /								
030	23748	0	-55.1	32.2	4	97	267	24	030	23812	0	-53.9	32.6	8	95	267	16	030	23781	0	-54.8	32.5	4	98	274	18
050	20522	0	-59.0	30.7	2	93	267	19	050	20568	0	-59.7	31.0	4	99	265	14	050	20535	0	-59.1	31.0	1	99	270	17
100	16215	0	-61.1	29.5	0	95	263	32	100	16310	0	-65.1	27.5	2	96	266	31	100	16250	0	-63.1	28.1	0	97	269	33
150	13679	0	-57.0	29.6	0	96	267	46	150	13812	0	-59.2	27.5	2	95	266	51	150	13732	0	-57.7	28.6	0	96	268	48
200	11844	0	-53.8	26.0	0	73	258	41	200	11981	0	-52.3	25.6	2	94	267	55	200	11896	0	-52.7	27.1	0	95	266	53
300	9194	0	-43.9	19.6	0	91	264	35	300	9291	0	-40.1	24.2	2	94	265	43	300	9222	0	-41.9	24.9	0	93	265	40
500	5607	0	-20.7	21.1	0	81	265	16	500	5658	0	-18.7	24.1	2	86	264	19	500	5622	0	-20.3	19.7	0	83	261	18
700	3037	0	-4.5	17.5	0	72	267	10	700	3069	0	-3.0	24.7	2	77	266	10	700	3047	0	-3.8	23.6	0	68	251	9
850	1484	0	3.0	6.4	1	67	273	8	850	1512	0	4.3	11.6	2	47	269	4	850	1493	0	4.0	9.1	0	61	258	7
1018	* 8		11.6	4.0					989	* 264		10.3	4.9					1017	* 10		11.9	5.0				

UPPER AIR

JULY 2009

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 ALBANY AIRPORT 94802 JUL 2009 3456S 11740E OB /									SW PACIFIC - AUSTRALIA MOUNT GAMBIER AERO 94821 JUL 2009 3744S 14040E OB /									SW PACIFIC - AUSTRALIA MELBOURNE AIRPORT 94866 JUL 2009 3740S 14450E OB									
030	23746	0	-55.5	32.1					030										030	23675	0	-56.5	31.5	7	98	267	26
050	20528	0	-59.8	30.9					050	20452	0	-59.5	30.7	3	96	265	23	050	20465	0	-59.3	30.4	5	98	267	22	
100	16240	0	-62.3	29.1					100	16119	0	-59.0	30.9	0	95	263	29	100	16128	0	-59.1	30.4	2	96	266	29	
150	13712	0	-57.6	28.6					150	13559	0	-55.7	31.2	0	94	265	38	150	13567	0	-55.7	30.5	2	94	264	37	
200	11879	0	-53.3	26.5	7	96	268	44	200	11724	0	-55.0	25.1	0	92	264	37	200	11718	0	-54.6	24.8	0	93	262	38	
300	9217	0	-43.2	22.5	2	90	266	34	300	9105	0	-48.0	16.8	0	84	268	27	300	9102	0	-48.2	16.3	0	84	263	27	
500	5621	0	-20.2	19.6	1	81	263	16	500	5561	0	-22.7	15.2	0	76	269	14	500	5560	0	-23.1	16.3	0	79	259	15	
700	3042	0	-3.1	24.3	1	73	258	11	700	3007	0	-5.8	13.0	0	67	278	10	700	3013	0	-6.4	13.8	1	77	264	10	
850	1484	0	4.3	11.6	2	66	257	9	850	1461	0	2.6	6.0	0	71	285	9	850	1470	0	1.8	1.4	1	64	285	8	
1010	* 71		9.3	2.4					1007	* 69		8.9	2.7						1003	* 132		9.7	5.1				
SW PACIFIC - AUSTRALIA WAGGA WAGGA AMO 94910 JUL 2009 3510S 14720E OB /									SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 JUL 2009 4250S 14730E OB /									SW PACIFIC - AUSTRALIA MOREE AERO 95527 JUL 2009 2929S 14950E OB /									
030	23738	0	-55.1	31.8	2	96	270	21	030	23491	0	-59.2	30.9	8	99	265	31	030									
050	20507	0	-59.0	30.6	1	94	269	19	050	20293	0	-59.8	30.7	3	97	267	30	050									
100	16194	0	-61.0	29.8	0	96	264	30	100	15949	0	-57.5	31.2	0	95	266	27	100	16347	0	-66.8	24.6	5	96	268	31	
150	13649	0	-56.4	30.9	0	95	264	43	150	13373	0	-55.0	31.1	0	94	265	27	150	13870	0	-60.1	25.5	5	96	268	50	
200	11810	0	-53.6	26.7	0	94	265	45	200	11545	0	-57.6	23.6	0	88	266	24	200	12039	0	-51.4	26.2	5	94	271	57	
300	9162	0	-45.2	22.4	0	88	261	32	300	8972	0	-52.1	13.1	0	73	263	19	300	9332	0	-38.4	26.8	5	94	267	45	
500	5593	0	-21.7	24.8	0	82	260	16	500	5479	0	-25.4	14.5	0	69	265	12	500	5674	0	-18.1	25.6	5	91	258	21	
700	3034	0	-5.9	20.3	1	68	265	8	700	2947	0	-7.7	14.3	0	72	266	11	700	3080	0	-1.7	27.6	5	72	250	9	
850	1490	0	2.1	6.4	1	58	269	5	850	1411	0	.7	6.5	0	68	270	9	850	1516	0	4.8	10.0	5	47	228	4	
994	* 221		7.5	2.8					1008	* 27		8.3	4.4						995	* 218		11.1	6.2				
SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 JUL 2009 3132S 15900E OB /									W PACIFIC - AUSTRALIA (ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 JUL 2009 2902S 16750E OB /									W PACIFIC - AUSTRALIA (ADDITIONAL IS.) MACQUARIE ISLAND 94998 JUL 2009 5430S 15850E OB 3									
030	23831	0	-53.4	32.4	5	96	271	18	030	23861	0	-52.6	32.4						030	22745	0	-70.3	25.3	1	96	268	53
050	20584	0	-58.4	30.6	5	97	268	14	050	20611	0	-60.0	30.1						050	19696	0	-67.9	25.5	1	96	268	41
100	16317	0	-65.1	25.4	3	98	269	35	100	16391	0	-68.4	21.6	5	96	275	34	100	15488	0	-64.0	26.3	1	94	264	30	
150	13817	0	-58.6	27.0	2	96	269	51	150	13937	0	-62.4	21.0	3	95	274	54	150	13003	0	-63.6	23.2	1	87	261	22	
200	11980	0	-51.2	27.7	2	94	270	59	200	12122	0	-52.1	22.3	1	92	278	61	200	11250	0	-66.1	15.9	0	64	257	16	
300	9273	0	-40.4	25.1	1	92	269	44	300	9396	0	-35.2	25.0	0	90	276	53	300	8746	0	-55.0	14.6	0	45	255	12	
500	5643	0	-18.8	22.7	0	83	267	19	500	5689	0	-14.5	25.3	1	89	277	25	500	5293	0	-28.8	14.6	0	45	257	11	
700	3056	0	-2.6	20.5	0	77	258	10	700	3068	0	.4	21.8	0	80	273	11	700	2802	0	-12.0	16.5	0	53	266	10	
850	1494	0	4.9	4.8	0	58	258	6	850	1493	0	5.9	3.6	3	54	267	6	850	1295	0	-4.5	11.0	0	58	263	9	
1016	* 7		17.9	8.3					1003	* 117		16.8	6.0						999	* 8		2.7	2.5				

UPPER AIR

JULY 2009

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 - INDONESIA MEDAN/POLONIA 96035 JUL 2009 0334N 09841E OB /									SW PACIFIC - INDONESIA MENADO/ SAM RATULANGI 97014 JUL 2009 0132N 12450E OB /									SW PACIFIC - INDONESIA UJUNG PANDANG/HASANUDDIN 97180 JUL 2009 0504S 11930E OB /								
030	23849	0	-60.3		9	96	107	20	030	23878	0	-57.8	30.6	9	99	95	22	030	23787	0	-57.8		9	98	100	18
050	20707	0	-65.3		9	55	279	5	050	20711	0	-64.5	28.0	9	93	276	8	050	20631	0	-65.5		9	99	280	16
100	16581	0	-75.3	16.1	9	63	97	8	100	16588	0	-76.8	12.0	9	14	134	1	100	16541	0	-78.4		9	61	165	5
150	14194	0	-67.5	18.1	9	96	88	24	150	14224	0		14.3	9	96	75	19	150	14185	0	-67.4		9	84	115	6
200	12401	0	-53.4	24.2	9	91	83	20	200	12435	0	-53.4	14.3	9	96	69	18	200	12393	0	-53.7		9	80	85	6
300	9644	0	-30.5	6.9	9	83	92	10	300	9694	0	-30.9	6.2	9	94	88	10	300	9662	0	-31.8	6.4	9	88	80	7
500	5847	0	-6.1	4.4	9	28	285	2	500	5870	0	-5.7	4.6	9	59	108	3	500	5852	0	-7.1	4.7	9	93	105	8
700	3131	0	9.7	6.1	9	87	293	6	700	3154	0	7.0	5.1	9	69	285	5	700	3142	0	9.0	4.3	9	83	90	5
850	1483	0	18.6	3.5	9	78	261	4	850	1515	0	18.0	3.1	9	80	236	4	850	1507	0	17.4	3.5	9	95	105	4
1005	* 25		24.6	3.9					1002	* 80		25.8	3.4					1009	* 14		24.7	2.9				
SW PACIFIC - MALAYSIA (SABAH AND SARAWAK) KUCHING 96413 JUL 2009 0129N 11020E OB 3									W PACIFIC - MALAYSIA (SABAH AND SARAWAK) TAWAU 96481 JUL 2009 0416N 11750E OB 3									SW PACIFIC - ISLANDS COCOS ISLAND AERO 96996 JUL 2009 1211S 09650E OB 3								
030	23849	0	-59.8	27.3	3	97	90	22	030	23856	0	-59.0	33.4	0	91	95	20	030	23858	0	-56.5	31.9	1	96	90	15
050	20701	0	-65.0	19.1	2	78	258	8	050	20700	0	-64.4	22.5	0	42	208	3	050	20654	0	-63.7	28.8	1	74	260	5
100	16586	0	-76.2	9.8	1	28	125	3	100	16584	0	-76.9	10.0	0	57	107	7	100	16578	0	-79.0	9.8	1	78	94	7
150	14190	0	-68.1	8.0	0	92	78	22	150	14197	0	-68.5	8.2	0	94	70	22	150	14218	0	-67.6	10.5	1	66	50	10
200	12404	0	-54.1	7.2	0	92	75	18	200	12406	0	-53.6	7.8	0	95	66	18	200	12432	0	-53.8	13.9	1	77	32	9
300	9676	0	-30.8	6.5	0	88	80	10	300	9672	0	-30.6	7.5	0	84	87	9	300	9696	0	-31.2	24.7	1	54	54	5
500	5847	0	-5.6	5.1	0	60	125	4	500	5842	0	-5.1	5.3	0	44	141	3	500	5869	0	-5.1	25.1	0	26	23	2
700	3126	0	9.6	9.3	0	60	261	5	700	3116	0	9.8	9.5	0	60	260	5	700	3150	0	9.6	9.1	0	9	228	1
850	1492	0	18.9	5.3	0	77	231	4	850	1482	0	19.1	5.4	0	66	240	4	850	1517	0	16.0	3.5	0	84	93	7
1007	* 27		26.0	3.4					1007	* 20		26.3	3.6					1012	* 4		25.8	4.2				

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

WMO PUB 9 VOL A

10501	C	AACHEN	GERMANY	07139	C	ALENCON	FRANCE
06030	C	AALBORG	DENMARK AND FAROE I	60369	C	ALGER-PORT	ALGERIA
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	16674	C	ALIARTOS	GREECE
40831	C	ABADAN	IRAN, ISLAMIC REP	42475	C	ALLAHABAD/BAMHRAULI	INDIA
07005	C	ABBEVILLE	FRANCE	08487	C	ALMERIA/AEROPUERTO	SPAIN
03502	C	ABERPORTH	U KINGDOM	44277	CT	ALTAI	MONGOLIA
41112	C	ABHA	SAUDI ARABIA	26346	C	ALUKSNE	LATVIA
65578	CT	ABIDJAN	COTE D'IVOIRE	64754	C	AM-TIMAN	CHAD
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	67067	C	AMBOHITSILAOZANA	MADAGASCAR
78650	C	ACAJUTLA	EL SALVADOR	23022	CT	AMDERMA	RUSSIAN FEDERATION
17351	C	ADANA/BOLGE	TURKEY	42071	C	AMRITSAR	INDIA
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	25563	CT	ANADYR'	RUSSIAN FEDERATION
94672	CT	ADELAIDE AIRPORT	AUSTRALIA	16665	C	ANCHIALOS (AIRPORT)	GREECE
65585	C	ADIAKE	COTE D'IVOIRE	16682	C	ANDRAVIDA (AIRPORT)	GREECE
60620	C	ADRAR	ALGERIA	91568	C	ANEITYUM	VANUATU
76644	CT	AEROP.INTERNACIONAL MERIDA,	MEXICO	10291	C	ANGERMUENDE	GERMANY
17190	C	AFYON	TURKEY	70232	C	ANIAK	USA
60250	C	AGADIR	MOROCCO	17130	CT	ANKARA/CENTRAL	TURKEY
37893	C	AGDAM	AZERBAIJAN	60360	C	ANNABA	ALGERIA
62055	C	AGEDABIA	LIBYAN ARAB JAMAHIR	67025	C	ANTALAHA	MADAGASCAR
16672	C	AGRINION (AIRPORT)	GREECE	40718	C	ANZALI	IRAN, ISLAMIC REP
42647	CT	AHMADABAD	INDIA	47575	C	AOMORI	JAPAN
37663	C	AHTY	RUSSIAN FEDERATION	72220	CT	APALACHICOLA/MUN.,	USA
40811	T	AHWAZ	IRAN, ISLAMIC REP	91762	C	APIA	SAMOA AND AMERICAN
33998	C	AI-PETRI	UKRAINE	85151	C	APOLO	BOLIVIA
47602	C	AIKAWA	JAPAN	35746	C	ARALSKOE MORE	KAZAKHSTAN
83595	C	AIMORES	BRAZIL	71592	C	ARCTIC BAY CS, NU	CANADA
60415	C	AIN-BESSAM	ALGERIA	84752	C	AREQUIPA	PERU
61499	C	AIOUN EL ATROUSS	MAURITANIA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
07761	CT	AJACCIO	FRANCE	83384	C	ARINOS	BRAZIL
38178	C	AK-BAJTAL	UZBEKISTAN	10091	C	ARKONA	GERMANY
47582	CT	AKITA	JAPAN	62772	C	AROMA	SUDAN
61437	C	AKJOUJT	MAURITANIA	76840	C	ARRIAGA, CHIS.	MEXICO
38232	C	AKKUDUK	KAZAKHSTAN	16654	C	ARTA (HALKIADES)	GREECE
38665	C	AKMOLLA	TURKMENISTAN	44288	CT	ARVAIHEER	MONGOLIA
42933	C	AKOLA	INDIA	60452	C	ARZEW	ALGERIA
72521	C	AKRON/AKRON-CANTON REG. OH.	USA	47407	C	ASAHIKAWA	JAPAN
35229	CT	AKTOBE	KAZAKHSTAN	85175	C	ASCENCION DE GUARAYOS	BOLIVIA
04063	C	AKUREYRI	ICELAND	38880	CT	ASHGABAT	TURKMENISTAN
41218	C	AL AIN INTERNATIONAL AIRPORT	U ARAB EMIRATES	33915	C	ASKANIYA-NOVA	UKRAINE
40420	C	AL-AHSA	SAUDI ARABIA	63021	CT	ASMARA	ERITREA
98435	C	ALABAT	PHILIPPINES	62414	CT	ASSWAN	EGYPT
08280	C	ALBACETE/LOS LLANOS	SPAIN	35188	C	ASTANA	KAZAKHSTAN
31004	CT	ALDAN	RUSSIAN FEDERATION	86218	C	ASUNCION/AEROPUERTO	PARAGUAY

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61421	C	ATAR	MAURITANIA	29939	C	BIJSK ZONAL'NAYA	RUSSIAN FEDERATION
35078	C	ATBASAR	KAZAKHSTAN	42165	C	BIKANER	INDIA
16701	C	ATHINAI (FILADELFIA)	GREECE	08025	C	BILBAO/SONDICA	SPAIN
64751	C	ATI	CHAD	72515	C	BINGHAMTON/BROOME CO., NY.	USA
72219	C	ATLANTA/MUN., GA.	USA	61075	C	BIRNI-N'KONNI	NIGER
91925	CT	ATUONA	FRENCH POLY.	28138	C	BISER	RUSSIAN FEDERATION
35700	CT	ATYRAU	KAZAKHSTAN	64510	C	BITAM	GABON
93119	C	AUCKLAND AIRPORT	N ZEALAND	14652	C	BJELASNICA	BOSNIA AND HERZEGOV
10852	C	AUGSBURG	GERMANY	01028	CT	BJORNOYA	NORWAY
38334	C	AUL TURARA RYSKULOVA	KAZAKHSTAN	28766	C	BLAGOVESHCHENKA	KAZAKHSTAN
72254	C	AUSTIN/CTY, TX.	USA	68442	CT	BLOEMFONTEIN AIRPORT	SOUTH AFRICA
07265	C	AUXERRE	FRANCE	74492	C	BLUE HILL OBS. MA.	USA
31168	CT	AYAN	RUSSIAN FEDERATION	61881	C	BO	SIERRA LEONE
87641	C	AZUL AERO	ARGENTINA	82024	C	BOA VISTA	BRAZIL
87163	C	B.DE IRIGOYEN AERO	ARGENTINA	65510	C	BOBO-DIOULASSO	BURKINA FASO
82460	C	BACABAL	BRAZIL	01152	CT	BODO	NORWAY
10430	C	BAD LIPPSPRINGE	GERMANY	64126	C	BOENDE	DEMO. REP THE CONG
47102	T	BAENGNYEONGDO	REP KOREA	31439	C	BOGORODSKOE	RUSSIAN FEDERATION
30554	CT	BAGDARIN	RUSSIAN FEDERATION	65338	C	BOHICON	BENIN
41678	CT	BAHAWALNAGAR	PAKISTAN	10249	C	BOIZENBURG	GERMANY
44265	C	BAITAG	MONGOLIA	61816	C	BOKE	GUINEA
23891	C	BAJKIT	RUSSIAN FEDERATION	10161	C	BOLTENHAGEN	GERMANY
29328	C	BAKCHAR	RUSSIAN FEDERATION	31253	C	BOMNAK	RUSSIAN FEDERATION
30612	C	BALAGANSK	RUSSIAN FEDERATION	65545	C	BONDOKOU	COTE D'IVOIRE
10675	C	BAMBERG	GERMANY	07510	CT	BORDEAUX MERIGNAC	FRANCE
43295	C	BANGALORE	INDIA	64605	C	BOSSEMBELE	CENTRAL AFRICAN REP
08181	C	BARCELONA/AEROPUERTO	SPAIN	60515	C	BOU-SAADA	ALGERIA
07790	C	BASTIA	FRANCE	08575	C	BRAGANCA	PORTUGAL
37484	C	BATUMI	GEORGIA	07110	C	BREST	FRANCE
91557	CT	BAUERFIELD (EFATE)	VANUATU	64655	C	BRIA	CENTRAL AFRICAN REP
44275	C	BAYANBULAG	MONGOLIA	11723	C	BRNO/TURANY	CZECH REP
60571	CT	BECHAR	ALGERIA	10453	C	BROCKEN	GERMANY
54511	CT	BEIJING	CHINA	96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM
60401	C	BEJAIA-PORT	ALGERIA	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
03976	C	BELMULLET	IRELAND	12843	CT	BUDAPEST/PESTSZENTLORINC	HUNGARY
40180	C	BEN-GURION INT. AIRPORT	ISRAEL	80252	C	BUENAVENTURA	COLOMBIA
13274	C	BEOGRAD	SERBIA AND MONTENEG	72528	CT	BUFFALO/GREATER BUF. INT.,NY	USA
23631	C	BEREZOVO	RUSSIAN FEDERATION	25594	C	BUHTA PROVIDENJA	RUSSIAN FEDERATION
67037	C	BESALAMPY	MADAGASCAR	64390	C	BUJUMBURA	BURUNDI
40179	CT	BET DAGAN	ISRAEL	64180	C	BUKAVU	DEMO. REP THE CONG
40100	CT	BEYROUTH (AEROPORT)	LEBANON	67964	CT	BULAWAYO (GOETZ OBSY.)	ZIMBABWE
42971	CT	BHUBANESHWAR	INDIA	64076	C	BUNIA	DEMO. REP THE CONG
97560	C	BIAK/FRANS KAISIEPO	INDONESIA	08075	C	BURGOS/VILLAFRIA	SPAIN
71844	C	BIG TROUT LAKE READAC, ONT	CANADA	47159	C	BUSAN	REP KOREA

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64034	C	BUTA	DEMO. REP THE CONG	85470	C	COIAPPO	CHILE
15350	C	BUZAU	ROMANIA	71915	CT	CORAL HARBOUR A UA, NU	CANADA
38755	C	BYGDAILI	TURKMENISTAN	98746	C	COTOBATO	PHILIPPINES
48914	C	CA MAU	VIET NAM	41992	C	COX'S BAZAR	BANGLADESH
95916	C	CABRAMURRA SMHEA	AUSTRALIA	85864	C	COYHAIQUE	CHILE
08261	C	CACERES	SPAIN	16480	C	COZZO SPADARO	ITALY
07027	C	CAEN	FRANCE	15450	C	CRAIOVA	ROMANIA
98748	C	CAGAYAN DE ORO	PHILIPPINES	78962	C	CROWN POINT AIRPORT,	TRINIDAD AND TOBAGO
94287	C	CAIRNS AERO	AUSTRALIA	82704	C	CRUZEIRO DO SUL	BRAZIL
42807	C	CALCUTTA/ALIPORE	INDIA	80097	C	CUCUTA/CAMILO DAZA	COLOMBIA
03808	C	CAMBORNE	U KINGDOM	08231	C	CUENCA	SPAIN
83398	C	CANAVIEIRAS	BRAZIL	83361	C	CUIABA	BRAZIL
48808	C	CAO BANG	VIET NAM	28704	C	CULPANOVO	RUSSIAN FEDERATION
07661	C	CAP CEPET	FRANCE	80420	C	CUMANA	VENEZUELA
66140	C	CARMONA	ANGOLA	94626	C	CUNDERDIN	AUSTRALIA
03967	C	CASEMENT AERODROME	IRELAND	83840	T	CURITIBA (AEROPORTO)	BRAZIL
16459	C	CATANIA SIGONELLA	ITALY	10131	C	CUXHAVEN	GERMANY
94653	C	CEDUNA AMO	AUSTRALIA	84686	C	CUZCO	PERU
89056	C	CENTRO MET. ANTARTICO PDTE.	CHILE	43150	CT	CWC VISHAKHAPATNAM/WALTAIR	INDIA
16148	C	CERVIA	ITALY	48855	CT	DA NANG	VIET NAM
38511	C	CHAGYL	TURKMENISTAN	47133	C	DAEJEON	REP KOREA
10577	C	CHEMNITZ	GERMANY	98325	C	DAGUPAN	PHILIPPINES
41768	CT	CHHOR	PAKISTAN	62467	C	DAHAB	EGYPT
48327	CT	CHIANG MAI	THAILAND	60096	C	DAKHLA	WESTERN SAHARA
60425	C	CHLEF	ALGERIA	41712	CT	DAL BANDIN	PAKISTAN
21946	C	CHOKURDAH	RUSSIAN FEDERATION	40080	CT	DAMASCUS INT. AIRPORT	SYRIAN ARAB REP
16624	C	CHRYSOPOULI (AIRPORT)	GREECE	04320	CT	DANMARKSHAVN	GREENLAND
47014	C	CHUNGGANG	DPR KOREA	65351	C	DAPAON	TOGO
96805	C	CILACAP	INDONESIA	38545	C	DARGANATA	TURKMENISTAN
72421	C	CINCINNATI/GREATER CINCINNAT	USA	44256	C	DASHBALBAR	MONGOLIA
96791	C	CIREBON/JATIWANGI	INDONESIA	26544	C	DAUGAVPILS	LATVIA
08348	C	CIUDAD REAL	SPAIN	38527	CT	DAVALY	TURKMENISTAN
72360	C	CLAYTON/MUN., NM.	USA	71966	C	DAWSON, YT	CANADA
07460	C	CLERMONT-FERRAND	FRANCE	72429	C	DAYTON/. COX, OH.	USA
15120	CT	CLUJ-NAPOCA	ROMANIA	06235	C	DE KOOY	NETHERLANDS
71090	C	CLYDE A, NU	CANADA	12882	C	DEBRECEN	HUNGARY
76741	C	COATZACOALCOS, VER.	MEXICO	16546	C	DECIMOMANNU	ITALY
94711	CT	COBAR MO	AUSTRALIA	65505	C	DEDOUGOU	BURKINA FASO
64504	C	COCOBEACH	GABON	40045	C	DEIR EZZOR	SYRIAN ARAB REP
94791	C	COFFS HARBOUR MO	AUSTRALIA	60387	C	DELLYS	ALGERIA
08548	C	COIMBRA/CERNACHE	PORTUGAL	38829	C	DENAU	UZBEKISTAN
43466	C	COLOMBO	SRI LANKA	37470	C	DERBENT	RUSSIAN FEDERATION
76848	C	COMITAN, CHIS.	MEXICO	72546	C	DES MOINES/MUN., IA.	USA
03973	C	CONNAUGHT AIRPORT	IRELAND	72537	C	DETROIT/METROPOLITAN, MI.	USA

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40416	C	DHAHRAN	SAUDI ARABIA	40199	C	EILAT	ISRAEL
42404	C	DHUBRI	INDIA	82610	C	EIRUNEPE	BRAZIL
83309	C	DIAMANTINO	BRAZIL	28440	C	EKATERINBURG	RUSSIAN FEDERATION
42314	C	DIBRUGARH /MOHANBARI	INDIA	38388	C	EKEZHE	TURKMENISTAN
10321	C	DIEPHOLZ	GERMANY	31329	C	EKIMCHAN	RUSSIAN FEDERATION
61085	C	DIFFA	NIGER	62337	CT	EL ARISH	EGYPT
07280	C	DIJON	FRANCE	60550	C	EL-BAYADH	ALGERIA
65562	C	DIMBOKRO	COTE D'IVOIRE	27648	C	ELAT'MA	RUSSIAN FEDERATION
89054	C	DINAMET-URUGUAY	URUGUAY	12160	C	ELBLAG	POLAND
61666	C	DIOURBEL	SENEGAL	63686	C	ELDORET	KENYA
98741	C	DIPOLOG	PHILIPPINES	16718	C	ELEFSIS (AIRPORT)	GREECE
41508	C	DIR	PAKISTAN	62453	C	ELHASANA	EGYPT
40672	C	DIWANIYA	IRAQ	72486	C	ELY/YELLAND, NV.	USA
17280	CT	DIYARBAKIR	TURKEY	07591	C	EMBRUN	FRANCE
38684	C	DJACHEV	TURKMENISTAN	10200	CT	EMDEN-FLUGPLATZ	GERMANY
60535	C	DJELFA	ALGERIA	29572	T	EMEL'JANOVO	RUSSIAN FEDERATION
63125	C	DJIBOUTI	DJIBOUTI	76256	C	EMPALME, SON.	MEXICO
34504	C	DNIPROPETROVS'K	UKRAINE	62781	C	EN NAHUD	SUDAN
16033	C	DOBBIACO	ITALY	25356	C	EN' MUVEEM	RUSSIAN FEDERATION
63862	C	DODOMA	U REP TANZANIA	83964	C	ENCRUZILHADA DO SUL	BRAZIL
41170	CT	DOHA INTERNATIONAL AIRPORT	QATAR	29263	C	ENISEJSK	RUSSIAN FEDERATION
64401	C	DOLISIE	CONGO	16450	C	ENNA	ITALY
34519	C	DONETS'K	UKRAINE	63705	CT	ENTEBBE AIRPORT	UGANDA
65501	C	DORI	BURKINA FASO	65257	C	ENUGU	NIGERIA
64910	CT	DOUALA OBS.	CAMEROON	72550	C	EPPLEY FIELD, OMAHA,	USA
10488	C	DRESDEN-KLOTZSCHE	GERMANY	24817	C	ERBOGACEN	RUSSIAN FEDERATION
41515	CT	DROSH	PAKISTAN	44237	C	ERDENEMANDAL	MONGOLIA
41194	C	DUBAI INTERNATIONAL AIRPORT	U ARAB EMIRATES	53068	C	ERENHOT	CHINA
23074	C	DUDINKA	RUSSIAN FEDERATION	10554	C	ERFURT-BINDERSLEBEN	GERMANY
10400	C	DUESSELDORF	GERMANY	34186	C	ERSHOV	RUSSIAN FEDERATION
72745	C	DULUTH/INT., MN.	USA	17092	C	ERZINCAN	TURKEY
42599	C	DUMKA	INDIA	38750	C	ESENGYLY	TURKMENISTAN
68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA	40800	C	ESFAHAN	IRAN, ISLAMIC REP
38836	C	DUSHANBE	TAJIKISTAN	35067	C	ESIL'	KAZAKHSTAN
42731	C	DWARKA	INDIA	03162	C	ESKDALEMUIR	U KINGDOM
03091	C	DYCE	U KINGDOM	94638	CT	ESPERANCE	AUSTRALIA
21908	C	DZALINDA	RUSSIAN FEDERATION	87803	C	ESQUEL AERO	ARGENTINA
30089	C	DZHIKIMDA	RUSSIAN FEDERATION	10410	CT	ESSEN-BREDENEY	GERMANY
68858	C	EAST LONDON	SOUTH AFRICA	71862	C	ESTEVAN A, SASK	CANADA
94983	C	EDDYSTONE POINT	AUSTRALIA	94647	CT	EUCLA	AUSTRALIA
17050	C	EDIRNE	TURKEY	71917	C	EUREKA, NU	CANADA
71590	C	EDMUNDSTON, NB	CANADA	72432	C	EVANSVILLE/REG., IN.	USA
06280	C	EELDE/GRONINGEN AP EELDE	NETHERLANDS	37747	C	EVLAKH AIRPORT	AZERBAIJAN
25378	C	EGVEKINOT	RUSSIAN FEDERATION	08558	C	EVORA/C. COORD	PORTUGAL

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87576	CT	EZEIZA AERO	ARGENTINA	60517	C	GHAZAOUET	ALGERIA
65507	C	FADA N'GOURMA	BURKINA FASO	40296	C	GHOR SAFI	JORDAN
70261	C	FAIRBANKS/INT., AK	USA	08495	CT	GIBRALTAR	GIBRALTAR
62423	CT	FARAFRA	EGYPT	10532	C	GIESSEN	GERMANY
67012	C	FASCENE (NOSSI-BE)	MADAGASCAR	34740	C	GIGANT	RUSSIAN FEDERATION
64753	C	FAYA	CHAD	94461	CT	GILES METEOROLOGICAL OFFICE	AUSTRALIA
10908	C	FELDBERG/SCHWARZWALD	GERMANY	17034	C	GIRE SUN	TURKEY
41943	C	FENI	BANGLADESH	64381	C	GISENYI	RWANDA
38618	C	FERGANA	UZBEKISTAN	41140	C	GIZAN	SAUDI ARABIA
11155	C	FEUERKOGEL	AUSTRIA	71363	C	GJOA HAVEN CLIMATE, NU	CANADA
67137	C	FIANARANTSOA	MADAGASCAR	72768	C	GLASGOW/INT., MT.	USA
10578	C	FICHTELBERG	GERMANY	83264	C	GLEBA CELESTE	BRAZIL
72637	C	FLINT/BISHOP, MI.	USA	20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION
08501	C	FLORES (ACORES)	PORTUGAL	43192	CT	GOA/PANJIM	INDIA
01238	C	FOKSTUA II	NORWAY	87880	C	GOBERNADOR GREGORES AERO	ARGENTINA
82212	C	FONTE BOA	BRAZIL	10444	C	GOETTINGEN	GERMANY
71585	C	FORT MCMURRAY CS, ALTA	CANADA	83374	C	GOIAS	BRAZIL
89065	C	FOSSIL BLUFF	U KINGDOM	33041	CT	GOMEL	BELARUS
83827	CT	FOZ DO IGUACU (AEROPORTO)	BRAZIL	63331	C	GONDAR	ETHIOPIA
10637	C	FRANKFURT/M-FLUGHAFEN	GERMANY	71816	CT	GOOSE A, NFLD	CANADA
10803	C	FREIBURG	GERMANY	71733	CT	GORE BAY A, ONT	CANADA
16179	C	FRONTONE	ITALY	47185	T	GOSAN	REP KOREA
83574	C	FRUTAL	BRAZIL	02527	T	GOTEBORG/LANDVETTER	SWEDEN
10895	C	FUERSTENZELL	GERMANY	07535	C	GOURDON	FRANCE
47807	CT	FUKUOKA	JAPAN	94150	CT	GOVE AIRPORT	AUSTRALIA
08522	CT	FUNCHAL	MADEIRA	37749	C	GOYCHAY	AZERBAIJAN
60765	C	GABES	TUNISIA	06717	C	GRAND ST. BERNARD	SWITZERLAND & LIECH
60745	C	GAFSA	TUNISIA	71570	C	GREAT FALLS CLIMATE, MAN	CANADA
65557	C	GAGNOA	COTE D'IVOIRE	26825	C	GRODNO	BELARUS
15310	C	GALATI	ROMANIA	88903	C	GRYTVIKEN,	ISLANDS
64454	C	GAMBOMA	CONGO	76612	CT	GUADALAJARA, JAL.	MEXICO
43599	CT	GAN	MALDIVES	37675	C	GUBA	AZERBAIJAN
61226	C	GAO	MALI	60403	C	GUELMA	ALGERIA
10359	C	GARDELEGEN	GERMANY	80423	C	GUIRIA	VENEZUELA
40405	C	GASSIM	SAUDI ARABIA	63630	C	GULU	UGANDA
41757	C	GAWADAR	PAKISTAN	37686	C	GUMRI	ARMENIA
61099	C	GAYA	NIGER	02128	C	GUNNARN	SWEDEN
26157	C	GDOV	RUSSIAN FEDERATION	40360	C	GURIAT	SAUDI ARABIA
62752	C	GEDAREF	SUDAN	70367	C	GUSTAVUS	USA
10628	C	GEISENHEIM	GERMANY	42410	CT	GUWAHATI	INDIA
64006	C	GEMENA	DEMO. REP THE CONG	47158	T	GWANGJU AB	REP KOREA
06700	C	GENEVE-COINTRIN	SWITZERLAND & LIECH	68034	C	GWETA	BOTSWANA
68828	C	GEORGE AIRPORT	SOUTH AFRICA	38763	C	GYZYLARBAT	TURKMENISTAN
10567	C	GERA-LEUMNITZ	GERMANY	40250	C	H-4 'IRWAISHED'	JORDAN

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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
40377	C	HAFR AL-BATIN	SAUDI ARABIA	23274	C	IGARKA	RUSSIAN FEDERATION
40394	CT	HAIL	SAUDI ARABIA	87097	C	IGUAZU AERO	ARGENTINA
17285	C	HAKKARI	TURKEY	83348	C	ILHEUS	BRAZIL
71081	C	HALL BEACH A, NU	CANADA	25248	C	ILIRNEJ	RUSSIAN FEDERATION
40030	C	HAMA	SYRIAN ARAB REP	60640	C	ILLIZI	ALGERIA
10338	C	HANNOVER	GERMANY	65101	C	ILORIN	NIGERIA
02196	C	HAPARANDA	SWEDEN	31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION
67774	T	HARARE (BELVEDERE)	ZIMBABWE	20667	C	IM. M.V. POPOVA	RUSSIAN FEDERATION
60563	C	HASSIR'MEL	ALGERIA	64459	C	IMPFONDO	CONGO
20891	CT	HATANGA	RUSSIAN FEDERATION	60690	C	IN-GUEZZAM	ALGERIA
71361	C	HAY RIVER CLIMATE, NWT	CANADA	42754	C	INDORE	INDIA
02974	C	HELSINKI-VANTAA	FINLAND	98434	C	INFANTA	PHILIPPINES
33910	C	HENICHES'K	UKRAINE	67323	C	INHAMBANE	MOZAMBIQUE
16754	CT	HERAKLION (AIRPORT)	GREECE	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
60001	C	HIERRO/AEROPUERTO	SPAIN	64115	C	INONGO	DEMO. REP THE CONG
71066	C	HIGH LEVEL A, ALTA	CANADA	72747	CT	INT.FALLS/FALLS INT. MN.	USA
91753	C	HIHIFO (ILE WALLIS)	DETACHED ISLANDS	71907	CT	INUKJUAQ A UA, QUE	CANADA
30844	C	HILOK	RUSSIAN FEDERATION	93844	CT	INVERCARGILL AERODROME	N ZEALAND
98755	C	HINATUAN	PHILIPPINES	16642	C	IOANNINA (AIRPORT)	GREECE
94975	CT	HOBART AIRPORT	AUSTRALIA	80370	C	IPIALES/SAN LUIS	COLOMBIA
10685	C	HOF	GERMANY	71321	C	IQUALUIT CLIMATE, NU	CANADA
10962	C	HOHENPEISSENBERG	GERMANY	84377	C	IQUITOS	PERU
93615	C	HOKITIKA AERODROME AWS	N ZEALAND	83836	C	IRATI	BRAZIL
02288	C	HOLMOGADD	SWEDEN	83182	C	IRECE	BRAZIL
61240	C	HOMBORI	MALI	30710	C	IRKUTSK	RUSSIAN FEDERATION
62131	C	HON	LIBYAN ARAB JAMAHIR	29807	C	IRTYSHSK	KAZAKHSTAN
23219	C	HOSEDA-HARD	RUSSIAN FEDERATION	71074	C	ISACHSEN (AUT), NU	CANADA
51828	C	HOTAN	CHINA	28573	C	ISHIM	RUSSIAN FEDERATION
72243	C	HOUSTON/INTERCONTINENTAL, TX	USA	64062	C	ISIRO	DEMO. REP THE CONG
44218	C	HOVD	MONGOLIA	41571	CT	ISLAMABAD AIRPORT	PAKISTAN
66318	C	HUAMBO (NOVA LISBOA)	ANGOLA	17240	CT	ISPARTA	TURKEY
08383	C	HUELVA	SPAIN	17062	CT	ISTANBUL/GOZTEPE	TURKEY
44285	C	HUJIRT	MONGOLIA	82336	C	ITACOATIARA	BRAZIL
72425	C	HUNTINGTON, WV.	USA	98132	C	ITBAYAT	PHILIPPINES
03862	C	HURN	U KINGDOM	83295	C	ITIRUCU (JAGUAQUARA)	BRAZIL
44232	C	HUTAG	MONGOLIA	04339	CT	ITTOQQORTOORMIIT (SCORESBYSU	GREENLAND
43128	CT	HYDERABAD AIRPORT	INDIA	10142	C	ITZEHOE	GERMANY
47016	C	HYESAN	DPR KOREA	33526	C	IVANO-FRANKIVS'K	UKRAINE
15090	C	IASI	ROMANIA	23921	CT	IVDEL'	RUSSIAN FEDERATION

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83704	C	IVINHEMA	BRAZIL	47827	CT	KAGOSHIMA	JAPAN
60010	C	IZANA	SPAIN	10427	C	KAHLER ASTEN	GERMANY
34415	C	IZIUM	UKRAINE	60735	C	KAIROUAN	TUNISIA
17220	CT	IZMIR/GUZELYALI	TURKEY	02897	C	KAJAANI	FINLAND
84088	C	IZOBAMBA	ECUADOR	41535	C	KAKUL	PAKISTAN
47800	CT	IZUHARA	JAPAN	16726	C	KALAMATA (AIRPORT)	GREECE
72235	C	JACKSON/ALLEN C. THOMPSON FI	USA	25744	C	KAMENSKOE	RUSSIAN FEDERATION
08417	C	JAEN	SPAIN	22217	CT	KANDALAKSHA	RUSSIAN FEDERATION
43041	C	JAGDALPUR	INDIA	61679	C	KAOLACK	SENEGAL
24959	CT	JAKUTSK	RUSSIAN FEDERATION	71299	C	KAPUSKASING CDA ON, ONT	CANADA
76687	C	JALAPA, VER.	MEXICO	41780	CT	KARACHI AIRPORT	PAKISTAN
01001	CT	JAN MAYEN	NORWAY	51709	C	KASHI	CHINA
38141	C	JASLYK	UZBEKISTAN	44454	C	KATHMANDU AIRPORT	NEPAL
97690	C	JAYAPURA/SENTANI	INDONESIA	26629	C	KAUNAS	LITHUANIA
41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA	92076	C	KAVIENG W.O.	PAPUA N GUINEA
47184	C	JEJU	REP KOREA	67403	C	KAWAMBWA	ZAMBIA
60725	C	JENDOUBA	TUNISIA	61257	C	KAYES	MALI
08451	C	JEREZ DE LA FRONTERA AEROPUE	SPAIN	27595	CT	KAZAN'	RUSSIAN FEDERATION
41936	C	JESSORE	BANGLADESH	61699	C	KEDOUGOU	SENEGAL
41598	CT	JHELUM	PAKISTAN	68312	C	KEETMANSHOOP	NAMIBIA
60351	C	JIJEL-ACHOUAT	ALGERIA	16685	C	KEFALHANIA (AIRPORT)	GREECE
63402	C	JIMMA	ETHIOPIA	10946	C	KEMPTEN	GERMANY
52533	C	JIUQUAN	CHINA	97146	C	KENDARI/WOLTER MONGINSIDI	INDONESIA
41756	CT	JIWANI	PAKISTAN	16641	C	KERKYRA (AIRPORT)	GREECE
82798	C	JOAO PESSOA	BRAZIL	02805	C	KEVO	FINLAND
42339	CT	JODHPUR	INDIA	72201	CT	KEY WEST/INT., FL	USA
02929	C	JOENSUU	FINLAND	37673	C	KHACHMAZ AERODROME	AZERBAIJAN
68368	C	JOHANNESBURG INTNL. AIRPORT	SOUTH AFRICA	33902	C	KHERSON	UKRAINE
02963	CT	JOKIOINEN	FINLAND	33429	C	KHMEL'NYTS'KYI	UKRAINE
02550	C	JONKOPING/AXAMO	SWEDEN	38599	C	KHUDJANT	TAJKISTAN
65134	C	JOS	NIGERIA	61214	C	KIDAL	MALI
78762	CT	JUAN SANTAMARIA INT. AIRPORT	COSTA RICA	10046	C	KIEL-HOLTENAU	GERMANY
62941	C	JUBA	SUDAN	61498	C	KIFFA	MAURITANIA
83692	C	JUIZ DE FORA	BRAZIL	64387	C	KIGALI	RWANDA
87046	C	JUJUY AERO	ARGENTINA	64222	C	KIKWIT	DEMO. REP THE CONG
78866	CT	JULIANA AIRPORT,	NETHERLANDS ANTILLE	02801	C	KILPISJARVI	FINLAND
87548	C	JUNIN AERO	ARGENTINA	47025	C	KIMCHAEK	DPR KOREA
32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
02935	CT	JYVASKYLA	FINLAND	27199	C	KIROV	RUSSIAN FEDERATION
40417	CT	K.F.I.A. (KING FAHAD INT. AI	SAUDI ARABIA	64040	C	KISANGANI	DEMO. REP THE CONG
43588	C	KAADEDHDOO	MALDIVES	61270	C	KITA	MALI
40948	CT	KABUL AIRPORT	AFGHANISTAN,ISLAMIC	92001	C	KIUNGA W.O.	PAPUA N GUINEA
62810	C	KADOGLLI	SUDAN	30925	C	KJAHTA	RUSSIAN FEDERATION
61492	C	KAEDI	MAURITANIA	21921	C	KJUSJUR	RUSSIAN FEDERATION

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11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	60545	C	LAGHOUAT	ALGERIA
33939	C	KLEPYNINE	UKRAINE	10805	C	LAHR	GERMANY
32389	CT	KLJUCHI	RUSSIAN FEDERATION	08509	C	LAJES (ACORES)	PORTUGAL
72326	C	KNOXVILLE/MUN., TN.	USA	72240	C	LAKE CHARLES/MUN.,	USA
11487	C	KOCELOVICE	CZECH REP	16675	C	LAMIA	GREECE
06181	T	KOEBENHAVN/JAEGERSBORG	DENMARK AND FAROE I	07118	C	LANNION	FRANCE
41564	C	KOHAT	PAKISTAN	98223	C	LAOAG	PHILIPPINES
28879	C	KOKSHETAY	KAZAKHSTAN	16648	C	LARISSA (AIRPORT)	GREECE
29231	CT	KOLPASEVO	RUSSIAN FEDERATION	60030	C	LAS PALMAS DE GRAN CANARIA/G	SPAIN
33723	C	KOMISARIVKA	UKRAINE	40022	C	LATTAKIA	SYRIAN ARAB REP
10929	C	KONSTANZ	GERMANY	94968	C	LAUNCESTON AIRPORT COMPARISO	AUSTRALIA
25503	C	KORKODON	RUSSIAN FEDERATION	83687	C	LAVRAS	BRAZIL
16742	C	KOS (AIRPORT)	GREECE	13577	C	LAZAROPOLE	MACEDONIA
42452	C	KOTA AERODROME	INDIA	07471	C	LE PUY	FRANCE
61293	C	KOUTIALA	MALI	94302	CT	LEARMONTH AIRPORT	AUSTRALIA
45004	CT	KOWLOON	HONG KONG, CHINA	12120	CT	LEBA	POLAND
16632	C	KOZANI (AIRPORT)	GREECE	03257	C	LEEMING	U KINGDOM
12566	C	KRAKOW	POLAND	12374	T	LEGIONOWO	POLAND
14008	C	KREDARICA	SLOVENIA	10449	C	LEINEFELDE	GERMANY
64971	C	KRIBI	CAMEROON	38998	C	LEKKER	TURKMENISTAN
33791	C	KRYVYI RIH	UKRAINE	36208	C	LENINOGORSK	KAZAKHSTAN
60514	C	KSAR CHELLALA	ALGERIA	08055	C	LEON/VIRGEN DEL CAMINO	SPAIN
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	03005	CT	LERWICK	U KINGDOM
96413	CT	KUCHING	MALAYSIA	78447	C	LES CAYES	HAITI
62271	C	KUFRA	LIBYAN ARAB JAMAHIR	80398	CT	LETICIA/VASQUEZ COBO	COLOMBIA
71938	C	KUGLUKTUK A, NU	CANADA	28064	C	LEUSI	RUSSIAN FEDERATION
38343	C	KULAN	KAZAKHSTAN	72422	C	LEXINGTON/BLUE GRASS, KY.	USA
65442	C	KUMASI	GHANA	55591	CT	LHASA	CHINA
56778	CT	KUNMING	CHINA	11603	C	LIBEREC	CZECH REP
97372	C	KUPANG/ELTARI	INDONESIA	10591	C	LICHTENHAIN-MITTELNDORF	GERMANY
15730	C	KURDJALI	BULGARIA	26406	C	LIEPAJA	LATVIA
47418	C	KUSHIRO	JAPAN	91165	CT	LIHUE, KAUAI, HAWAII	USA
17155	C	KUTAHYA	TURKEY	07015	C	LILLE	FRANCE
02869	C	KUUSAMO	FINLAND	07434	C	LIMOGES	FRANCE
40582	CT	KUWAIT INTERNATIONAL AIRPORT	KUWAIT	72551	C	LINCOLN/MUN., NE.	USA
02120	C	KVIKKJOKK-ARRENJARKA	SWEDEN	08579	T	LISBOA/GAGO COUTINHO	PORTUGAL
91366	C	KWAJALEIN/BUCHOLZ AAF, MARSH	USA	72340	C	LITTLE ROCK/ADAMS FLD,	USA
30949	C	KYRA	RUSSIAN FEDERATION	33761	C	LIUBASHIVKA	UKRAINE
16743	C	KYTHIRA	GREECE	67743	C	LIVINGSTONE	ZAMBIA
36096	C	KYZYL	RUSSIAN FEDERATION	14015	C	LJUBLJANA/BEZIGRAD	SLOVENIA
35576	C	KZYLZAR	KAZAKHSTAN	64146	C	LODJA	DEMO. REP THE CONG
33393	CT	L'VIV	UKRAINE	08084	C	LOGRONO/AGONCILLO	SPAIN
08001	CT	LA CORUNA	SPAIN	84270	C	LOJA/LA ARGELIA	ECUADOR
61809	C	LABE	GUINEA	15511	C	LOM	BULGARIA

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72247	CT	LONGVIEW, TX.	USA	89564	CT	MAWSON	AUSTRALIA
94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA	64503	C	MAYUMBA	GABON
72295	C	LOS ANGELES /INT.,	USA	40911	C	MAZAR-I-SHARIF	AFGHANISTAN,ISLAMIC
72423	C	LOUISVILLE/STANDIFORD, KY.	USA	64005	C	MBANDAKA	DEMO. REP THE CONG
95964	C	LOW HEAD	AUSTRALIA	64247	C	MBUJI-MAYI	DEMO. REP THE CONG
48930	C	LUANG-PRABANG	LAO PDR	70231	C	MCGRATH, AK	USA
33377	C	LUBNY	UKRAINE	71897	C	MCINNES ISLAND, BC	CANADA
42369	T	LUCKNOW/AMAUSI	INDIA	89664	CT	MCMURDO	USA
42099	C	LUDHIANA	INDIA	60549	C	MECHERIA	ALGERIA
10418	C	LUEDENSCHIED	GERMANY	60437	C	MEDEA	ALGERIA
06770	C	LUGANO	SWITZERLAND & LIECH	94430	CT	MEEKATHARRA AIRPORT	AUSTRALIA
34523	C	LUHANS'K	UKRAINE	10548	CT	MEININGEN	GERMANY
98747	C	LUMBIA AIRPORT	PHILIPPINES	64545	C	MEKAMBO	GABON
61856	C	LUNGI	SIERRA LEONE	60338	C	MELILLA	SPAIN
64209	C	LUOZI	DEMO. REP THE CONG	97014	CT	MENADO/ SAM RATULANGI	INDONESIA
16597	C	LUQA	MALTA	17340	C	MERSIN	TURKEY
67665	C	LUSAKA INTERNATIONAL AIRPORT	ZAMBIA	16420	C	MESSINA	ITALY
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	16734	C	METHONI	GREECE
03740	C	LYNEHAM	U KINGDOM	76680	C	MEXICO (CENTRAL),	MEXICO
07481	C	LYON-SATOLAS	FRANCE	22471	C	MEZEN'	RUSSIAN FEDERATION
64452	C	M'POUYA	CONGO	67599	C	MFUWE	ZAMBIA
60467	C	M'SILA	ALGERIA	41592	C	MIANWALI	PAKISTAN
40310	C	MA'AN	JORDAN	10648	C	MICHELSTADT-VIELBRUNN	GERMANY
44294	C	MAANTI	MONGOLIA	60195	C	MIDELT	MOROCCO
43185	C	MACHILIPATNAM/FRANCHPET	INDIA	33846	C	MIKOLAIV	UKRAINE
72641	C	MADISON/DANE COUNTY REGIONAL	USA	84202	C	MILAGRO	ECUADOR
47624	C	MAEBASHI	JAPAN	26850	C	MINSK	BELARUS
40265	CT	MAFRAQ	JORDAN	89592	CT	MIRNYJ	ANTARCTICA
10361	C	MAGDEBURG	GERMANY	12772	C	MISKOLC	HUNGARY
37472	C	MAHACHKALA	RUSSIAN FEDERATION	64552	C	MITZIC	GABON
47750	C	MAIZURU	JAPAN	47585	C	MIYAKO	JAPAN
91376	C	MAJURO/MARSHALL IS. INTNL.	USA	68242	CT	MMABATHO	SOUTH AFRICA
28666	C	MAKUSINO	RUSSIAN FEDERATION	64565	C	MOANDA	GABON
48665	C	MALACCA	MALAYSIA	64665	C	MOBAYE	CENTRAL AFRICAN REP
61820	C	MAMOU	GUINEA	66422	C	MOCAMEDES	ANGOLA
03797	C	MANSTON	U KINGDOM	26863	C	MOGILEV	BELARUS
64701	C	MAO	CHAD	47165	C	MOKPO	REP KOREA
67341	C	MAPUTO/MAVALANE	MOZAMBIQUE	78401	C	MOLE SAINT-NICOLAS	HAITI
87774	C	MAQUINCHAO	ARGENTINA	92044	CT	MOMOTE W.O.	PAPUA N GUINEA
80407	C	MARACAIBO-LA CHINITA	VENEZUELA	64758	C	MONGO	CHAD
37860	C	MASHTAGA	AZERBAIJAN	71309	C	MOOSONEE RCS, ONT	CANADA
44314	C	MATAD	MONGOLIA	61265	C	MOPTI	MALI
68032	C	MAUN	BOTSWANA	95527	CT	MOREE AERO	AUSTRALIA
66447	C	MAVINGA	ANGOLA	14648	C	MOSTAR	BOSNIA AND HERZEGOV

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64550	C	MOUILA	GABON	31152	C	NEL' KAN	RUSSIAN FEDERATION
63619	C	MOYALE	KENYA	61497	C	NEMA	MAURITANIA
33036	C	MOZYR	BELARUS	29752	C	NENASTNAYA	RUSSIAN FEDERATION
67477	C	MPIKA	ZAMBIA	30879	C	NERCHINSKIJ ZAVOD	RUSSIAN FEDERATION
63971	C	MTWARA	U REP TANZANIA	10280	C	NEUBRANDENBURG	GERMANY
10875	C	MUEHL DORF	GERMANY	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
17292	C	MUGLA	TURKEY	64870	C	NGAOUNDERE	CAMEROON
42147	C	MUKTESHWAR KUMAON	INDIA	48877	C	NHA TRANG	VIET NAM
41675	CT	MULTAN	PAKISTAN	95829	C	NHILL	AUSTRALIA
98329	C	MUNOZ	PHILIPPINES	61052	CT	NIAMEY-AERO	NIGER
08430	CT	MURCIA	SPAIN	07690	C	NICE	FRANCE
72636	C	MUSKEGON/COUNTY, MI.	USA	17250	C	NIGDE	TURKEY
41006	C	MUWAIH	SAUDI ARABIA	02942	C	NIINISALO	FINLAND
63756	C	MWANZA	U REP TANZANIA	31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION
67441	C	MWINILUNGA	ZAMBIA	07645	T	NIMES-COURBESSAC	FRANCE
48008	C	MYITKYINA	MYANMAR	98429	C	NINOY AQUINO INTERNATIONAL A	PHILIPPINES
33466	C	MYRONIVKA	UKRAINE	61230	C	NIORO DU SAHEL	MALI
20476	C	MYS STERLEGOVA	RUSSIAN FEDERATION	13388	C	NIS	SERBIA AND MONTENEG
16667	C	MYTILINI (AIRPORT)	GREECE	27459	CT	NIZHNIJ NOVGOROD	RUSSIAN FEDERATION
64654	C	N'DELE	CENTRAL AFRICAN REP	23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION
61049	C	N'GUIGMI	NIGER	41710	CT	NOKKUNDI	PAKISTAN
61849	C	N'ZEREKORE	GUINEA	70200	CT	NOME, AK	USA
60557	C	NAAMA	ALGERIA	10113	C	NORDERNEY	GERMANY
23445	C	NADYM	RUSSIAN FEDERATION	61415	CT	NOUADHIBOU	MAURITANIA
47636	C	NAGOYA	JAPAN	89512	CT	NOVOLAZAREVSKAJA	USSR
47936	CT	NAHA	JAPAN	94750	C	NOWRA RAN AIR STATION AWS	AUSTRALIA
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	10506	C	NUERBURG-BARWEILER	GERMANY
41128	C	NAJRAN	SAUDI ARABIA	94681	C	NURIOOTPA VITICULTURAL	AUSTRALIA
24713	C	NAKANNO	RUSSIAN FEDERATION	04250	C	NUUK (GODTHAAB)	GREENLAND
62002	C	NALUT	LIBYAN ARAB JAMAHIR	43473	C	NUWARA ELIYA	SRI LANKA
38611	CT	NAMANGAN	UZBEKISTAN	91212	C	NWSO AGANA, GUAM, MARIANA IS	USA
07180	CT	NANCY-ESSEY	FRANCE	62790	C	NYALA	SUDAN
04270	T	NARSARSUAQ	GREENLAND	62200	C	OBARI	LIBYAN ARAB JAMAHIR
40676	C	NASIRIYA	IRAQ	10948	C	OBERSTDORF	GERMANY
65319	C	NATITINGOU	BENIN	64659	C	OBO	CENTRAL AFRICAN REP
91683	C	NAUSORI	FIJI	33837	CT	ODESA	UKRAINE
08215	C	NAVACERRADA	SPAIN	65528	C	ODIENNE	COTE D'IVOIRE
41749	CT	NAWABSHAH	PAKISTAN	10742	C	OEHRINGEN	GERMANY
16732	C	NAXOS	GREECE	31088	CT	OHOTSK	RUSSIAN FEDERATION
47909	CT	NAZE	JAPAN	47815	C	OITA	JAPAN
64700	CT	NDJAMENA	CHAD	24688	C	OJMJAKON	RUSSIAN FEDERATION
67561	C	NDOLA	ZAMBIA	72353	C	OKLAHOMA CITY/W. ROGERS WORL	USA
38634	C	NEBITDAG	TURKMENISTAN	34163	C	OKTJABR'SKIJ GORODOK	RUSSIAN FEDERATION
80315	C	NEIVA/BENITO SALAS	COLOMBIA	10215	C	OLDENBURG	GERMANY

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24125	CT	OLENEK	RUSSIAN FEDERATION	12942	C	PECS/POGANY	HUNGARY
72792	C	OLYMPIA, WA.	USA	82863	C	PEDRO AFONSO	BRAZIL
47655	C	OMAEZAKI	JAPAN	87544	C	PEHUAJO AERO	ARGENTINA
44215	C	OMNO-GOBI	MONGOLIA	91554	C	PEKOA AIRPORT (SANTO)	VANUATU
25428	C	OMOLON	RUSSIAN FEDERATION	67215	C	PEMBA	MOZAMBIQUE
28698	CT	OMSK	RUSSIAN FEDERATION	27962	T	PENZA	RUSSIAN FEDERATION
01212	C	ONA II	NORWAY	72532	C	PEORIA/GREATER PEORIA MUN.,	USA
22641	C	ONEGA	RUSSIAN FEDERATION	07747	C	PERPIGNAN	FRANCE
91699	C	ONO-I-LAU AWS	FIJI	41530	CT	PESHAWAR	PAKISTAN
94476	C	OODNADATTA AIRPORT	AUSTRALIA	28679	C	PETROPAVLOVSK	KAZAKHSTAN
10468	T	OPPIN	GERMANY	48887	C	PHAN THIET	VIET NAM
60461	C	ORAN-PORT	ALGERIA	48378	C	PHITSANULOK	THAILAND
94917	C	ORBOST (COMPARISON)	AUSTRALIA	48991	C	PHNOM-PENH/POCHENTONG	CAMBODIA
08048	C	ORENSE	SPAIN	72278	C	PHOENIX/SKY HARBOR,	USA
76737	C	ORIZABA, VER.	MEXICO	48826	C	PHU LIEN	VIET NAM
01241	CT	ORLAND III	NORWAY	16052	C	PIAN ROSA	ITALY
40712	C	ORUMIEH	IRAN, ISLAMIC REP	84140	C	PICHILINGUE	ECUADOR
47122	T	OSAN AB	REP KOREA	11826	C	PIESTANY	SLOVAKIA
10480	C	OSCHATZ	GERMANY	87679	C	PIGUE AERO	ARGENTINA
47675	C	OSHIMA	JAPAN	86255	C	PILAR	PARAGUAY
01384	C	OSLO/GARDERMOEN	NORWAY	33019	C	PINSK	BELARUS
85782	C	OSORNO	CHILE	83483	C	PIRAPORA	BRAZIL
02226	C	OSTERSUND FROSON	SWEDEN	16158	C	PISA/S. GIUSTO	ITALY
65502	C	OUAHIGOUYA	BURKINA FASO	72520	CT	PITTSBURGH/GREATER PITTSBURG	USA
07100	C	OUessant	FRANCE	84401	C	PIURA	PERU
60115	C	OUJDA	MOROCCO	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
02875	C	OULU	FINLAND	07117	C	PLOUMANAC'H PERROS GUIREC	FRANCE
60421	C	OUM EL BOUAGHI	ALGERIA	65518	C	PO	BURKINA FASO
08015	C	OVIEDO	SPAIN	72578	C	POCATELLO/MUN., ID.	USA
47663	C	OWASE	JAPAN	13463	C	PODGORICA-GRAD	SERBIA AND MONTENEG
87823	C	P.MADRYN AERO	ARGENTINA	32027	C	POGIBI	RUSSIAN FEDERATION
22619	C	PADANY	RUSSIAN FEDERATION	47138	CT	POHANG	REP KOREA
16022	C	PAGANELLA	ITALY	07207	C	POINTE DU TALUT	FRANCE
48955	C	PAKSE	LAO PDR	20046	C	POLARGMO IM. E.T. KRENKELJA	RUSSIAN FEDERATION
08301	C	PALMA DE MALLORCA	SPAIN	33705	C	POMICHTNA	UKRAINE
08085	C	PAMPLONA/NOAIN	SPAIN	08053	C	PONFERRADA	SPAIN
96237	C	PANGKAL PINANG	INDONESIA	11934	C	POPRAD/TATRY	SLOVAKIA
41560	CT	PARACHINAR	PAKISTAN	27675	C	PORETSKOE	RUSSIAN FEDERATION
37432	C	PASANAURI	GEORGIA	83332	C	POSSE	BRAZIL
42492	T	PATNA	INDIA	10379	C	POTSDAM	GERMANY
71984	C	PAULATUK, NWT	CANADA	83358	C	POXOREO (POXOREU)	BRAZIL
27823	C	PAVELETS	RUSSIAN FEDERATION	12330	CT	POZNAN	POLAND
06610	CT	PAYERNE	SWITZERLAND & LIECH	11518	C	PRAHA/RUZYNE	CZECH REP
71434	C	PEAWANUCK (AUT), ONT	CANADA	31989	C	PREOBRAZHENIE	RUSSIAN FEDERATION

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11659	C	PRIBYSLAV	CZECH REP	91948	CT	RIKITEA	FRENCH POLY.
11747	CT	PROSTEJOV	CZECH REP	44203	C	RINCHINLHUMBE	MONGOLIA
12695	C	PRZEMYSL	POLAND	82915	C	RIO BRANCO	BRAZIL
80412	C	PTO. CABELLO	VENEZUELA	41533	C	RISALPUR	PAKISTAN
84515	C	PUCALLPA	PERU	86350	C	RIVERA	URUGUAY
29313	C	PUDINO	RUSSIAN FEDERATION	40438	C	RIYADH OBS. (O.A.P.)	SAUDI ARABIA
76685	C	PUEBLA, PUE.	MEXICO	17040	C	RIZE	TURKEY
43063	C	PUNE	INDIA	72411	C	ROANOKE/MUN., VA.	USA
26359	C	PUSKINSKIE GORY	RUSSIAN FEDERATION	65660	C	ROBERTS FIELD	LIBERIA
43424	C	PUTTALAM	SRI LANKA	81405	CT	ROCHAMBEAU	FRENCH GUIANA
84179	C	PUYO	ECUADOR	61988	C	RODRIGUES	MAURITIUS
47058	CT	PYONGYANG	DPR KOREA	06190	C	ROENNE	DENMARK AND FAROE I
37740	C	QABALA	AZERBAIJAN	41725	C	ROHRI	PAKISTAN
68456	C	QACHA'S NEK	LESOTHO	15726	C	ROJEN	BULGARIA
56137	C	QAMDO	CHINA	30650	C	ROMANOVKA	RUSSIAN FEDERATION
71338	C	QIKIQTARJUAQ A, NU	CANADA	03957	C	ROSSLARE	IRELAND
54857	C	QINGDAO	CHINA	89062	CT	ROTHERA	U KINGDOM
50745	C	QIQIHAR	CHINA	07037	C	ROUEN	FRANCE
74455	T	QUAD CITY, IA.	USA	98538	C	ROXAS	PHILIPPINES
41660	C	QUETTA AIRPORT	PAKISTAN	33834	C	ROZDIL'NA	UKRAINE
80144	C	QUIBDO/EL CARANO	COLOMBIA	64383	C	RUHENGERI	RWANDA
48870	C	QUY NHON	VIET NAM	51777	C	RUOQIANG	CHINA
60135	C	RABAT-SALE	MOROCCO	85141	C	RURRENABAQUE	BOLIVIA
40362	C	RAFHA	SAUDI ARABIA	40642	C	RUTBAH	IRAQ
72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA	28966	C	RUZAEVKA	KAZAKHSTAN
41859	C	RANGPUR	BANGLADESH	27730	T	RYAZAN'	RUSSIAN FEDERATION
91997	T	RAOUL ISLAND,	DETACHED ISLANDS	16008	C	S. VALENTINO ALLA MUTA	ITALY
72662	C	RAPID CITY/REGIONAL AIRPORT,	USA	82879	C	S.JOAO DO PIAUI	BRAZIL
91843	CT	RAROTONGA	COOK ISLANDS	10708	C	SAARBRUECKEN/ENSHEIM	GERMANY
40102	C	RAYACK	LEBANON	71600	C	SABLE ISLAND, NS	CANADA
22602	C	REBOLY	RUSSIAN FEDERATION	71467	C	SACHS HARBOUR CLIMATE, NWT	CANADA
82900	CT	RECIFE	BRAZIL	28552	C	SADRINSK	RUSSIAN FEDERATION
10776	C	REGENSBURG	GERMANY	06680	C	SAENTIS	SWITZERLAND & LIECH
07070	C	REIMS	FRANCE	42671	C	SAGAR	INDIA
82979	C	REMANSO	BRAZIL	41523	C	SAIDU SHARIF	PAKISTAN
07130	C	RENNES	FRANCE	08594	CT	SAL	CAPE VERDE
38407	C	RESERVED OR UNKNOWN	UZBEKISTAN	17030	CT	SAMSUN	TURKEY
16758	C	RETHYMNON	GREECE	08023	CT	SANTANDER	SPAIN
08175	C	REUS/AEROPUERTO	SPAIN	82280	CT	SAO LUIZ	BRAZIL
04030	C	REYKJAVIK	ICELAND	47412	CT	SAPPORO	JAPAN
16749	C	RHODES (AIRPORT)	GREECE	14654	C	SARAJEVO-BJELAVE	BOSNIA AND HERZEGOV
85043	C	RIBERALTA	BOLIVIA	21802	C	SASKYLAH	RUSSIAN FEDERATION
72401	C	RICHMOND/BYRD, VA.	USA	66226	C	SAURIMO (HENRIQUE DE CARVALH	ANGOLA
26422	CT	RIGA	LATVIA	48947	C	SAVANNAKHET	LAO PDR

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48938	C	SAYABOURY	LAO PDR	16684	C	SKYROS (AIRPORT)	GREECE
03373	C	SCAMPTON	U KINGDOM	71069	C	SLAVE LAKE A, ALTA	CANADA
10035	CT	SCHLESWIG	GERMANY	11903	C	SLIAC	SLOVAKIA
98430	C	SCIENCE GARDEN	PHILIPPINES	26951	C	SLUTSK	BELARUS
94738	C	SCONE SCS	AUSTRALIA	71950	C	SMITHERS A, BC	CANADA
72793	C	SEATTLE/S.-TACOMA,	USA	26781	C	SMOLENSK	RUSSIAN FEDERATION
62124	C	SEBHA	LIBYAN ARAB JAMAHIR	76845	C	SN. CRISTOBAL LAS CASAS, CHI	MEXICO
10261	C	SEEHAUSEN	GERMANY	32477	C	SOBOLEVO	RUSSIAN FEDERATION
61892	C	SEFADU	SIERRA LEONE	02836	CT	SODANKYLA	FINLAND
24661	C	SEGEN-KYUEL'	RUSSIAN FEDERATION	15614	CT	SOFIA (OBSERV.)	BULGARIA
25703	CT	SEJMCHAN	RUSSIAN FEDERATION	47090	T	SOKCHO	REP KOREA
36177	C	SEMPALATINSK	KAZAKHSTAN	67551	C	SOLWEZI	ZAMBIA
47590	CT	SENDAI	JAPAN	48806	C	SON LA	VIET NAM
47108	C	SEOUL	REP KOREA	08148	C	SORIA	SPAIN
71811	T	SEPT-ILES UA, QUE	CANADA	16746	C	SOUDA (AIRPORT)	GREECE
16606	C	SERRAI	GREECE	31770	C	SOVETSKAYA GAVAN'	RUSSIAN FEDERATION
67741	C	SESHEKE	ZAMBIA	14445	C	SPLIT/MARJAN	CROATIA
60445	C	SETIF	ALGERIA	72785	C	SPOKANE/INT., WA.	USA
23986	C	SEVERO-ENISEJSK	RUSSIAN FEDERATION	68512	CT	SPRINGBOK	SOUTH AFRICA
70277	C	SEWARD	USA	25206	C	SREDNE-KOLYMSK	RUSSIAN FEDERATION
63980	C	SEYCHELLES INTERNATIONAL AIR	SEYCHELLES	42027	CT	SRINAGAR	INDIA
37126	C	SHADZHATMAZ	RUSSIAN FEDERATION	94517	C	ST GEORGE AIRPORT	AUSTRALIA
22768	C	SHENKURSK	RUSSIAN FEDERATION	11028	C	ST. POELTEN	AUSTRIA
47898	C	SHIMIZU	JAPAN	60020	C	STA. CRUZ DE TENERIFE	SPAIN
22271	T	SHOJNA	RUSSIAN FEDERATION	71017	C	STEFANSSON ISLAND, NU	CANADA
72248	CT	SHREVEPORT/REG., LA.	USA	02485	C	STOCKHOLM	SWEDEN
38328	C	SHYMKENT	KAZAKHSTAN	07190	C	STRASBOURG-ENTZHEIM	FRANCE
26524	C	SIAULIAI	LITHUANIA	10738	C	STUTT GART-ECHTERDINGEN	GERMANY
15260	C	SIBIU	ROMANIA	15023	C	SUCEAVA	ROMANIA
60520	C	SIDI-BEL-ABBES	ALGERIA	24136	C	SUHANA	RUSSIAN FEDERATION
48966	C	SIEMREAP	CAMBODIA	15360	C	SULINA	ROMANIA
61811	C	SIGUIRI	GUINEA	33275	C	SUMY	UKRAINE
17210	C	SIIRT	TURKEY	24738	C	SUNTAR	RUSSIAN FEDERATION
61297	C	SIKASSO	MALI	22676	C	SURA	RUSSIAN FEDERATION
42619	C	SILCHAR	INDIA	24790	C	SUSUMAN	RUSSIAN FEDERATION
33946	C	SIMFEROPOL'	UKRAINE	47421	C	SUTTSU	JAPAN
47035	C	SINUJU	DPR KOREA	01008	C	SVALBARD LUFTHAVN	NORWAY
72557	C	SIOUX CITY/MUN., IA.	USA	71446	C	SWIFT CURRENT CDA, SASK	CANADA
62019	CT	SIRTE	LIBYAN ARAB JAMAHIR	94767	CT	SYDNEY AIRPORT AMO	AUSTRALIA
16757	C	SITIA	GREECE	23804	CT	SYKTYVKAR	RUSSIAN FEDERATION
17090	C	SIVAS	TURKEY	41891	C	SYLHET	BANGLADESH
62417	C	SIWA	EGYPT	89532	CT	SYOWA	JAPAN
60355	C	SKIKDA	ALGERIA	72519	C	SYRACUSE/HANCOCK,	USA
13588	C	SKOPJE-ZAJCEV RID	MACEDONIA	12205	C	SZCZECIN	POLAND

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12982	CT	SZEGED	HUNGARY	61036	C	TILLABERY	NIGER
12812	C	SZOMBATHELY	HUNGARY	81002	C	TIMEHRI/CHEDDI JAGAN INTERNA	GUYANA
63832	C	TABORA AIRPORT	U REP TANZANIA	60656	CT	TINDOUF	ALGERIA
84782	C	TACNA	PERU	03100	C	TIREE	U KINGDOM
34720	C	TAGANROG	RUSSIAN FEDERATION	60395	C	TIZI-OUZOU	ALGERIA
91938	CT	TAHITI-FAAA	FRENCH POLY.	76683	C	TLAXCALA, TLAX.	MEXICO
35406	C	TAIPAK	KAZAKHSTAN	60531	C	TLEMCCEN-ZENATA	ALGERIA
25932	C	TAJGONOS	RUSSIAN FEDERATION	67095	C	TOAMASINA	MADAGASCAR
47891	C	TAKAMATSU	JAPAN	28275	C	TOBOL'SK	RUSSIAN FEDERATION
26038	CT	TALLINN	ESTONIA	31137	C	TOKO	RUSSIAN FEDERATION
38413	C	TAMDY	UZBEKISTAN	08272	C	TOLEDO	SPAIN
16699	C	TANAGRA (AIRPORT)	GREECE	24671	C	TOMPO	RUSSIAN FEDERATION
67197	C	TAOLAGNARO	MADAGASCAR	06011	CT	TORSHAVN	DENMARK AND FAROE I
76903	C	TAPACHULA, CHIS	MEXICO	44225	C	TOSONTSENGEL	MONGOLIA
28493	C	TARA	RUSSIAN FEDERATION	27051	C	TOT'MA	RUSSIAN FEDERATION
04360	CT	TASIILAQ (AMMASSALIK)	GREENLAND	07240	C	TOURS	FRANCE
16715	C	TATOI	GREECE	94294	CT	TOWNSVILLE AERO	AUSTRALIA
82683	C	TAUA	BRAZIL	60760	T	TOZEUR	TUNISIA
96481	CT	TAWAU	MALAYSIA	07145	C	TRAPPES	FRANCE
98427	C	TAYABAS	PHILIPPINES	86500	C	TREINTA Y TRES	URUGUAY
23256	C	TAZOVSKOE	RUSSIAN FEDERATION	10609	C	TRIER-PETRISBERG	GERMANY
37545	C	TBILISI	GEORGIA	23711	C	TROICKO-PECHERSKOE	RUSSIAN FEDERATION
64507	C	TCHIBANGA	GABON	26997	C	TRUBCHEVSK	RUSSIAN FEDERATION
60475	C	TEBESSA	ALGERIA	44282	C	TSETSERLEG	MONGOLIA
78720	CT	TEGUCIGALPA	HONDURAS	44347	C	TSOGT-OVOO	MONGOLIA
40754	CT	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP	91954	CT	TUBUAI	FRENCH POLY.
78706	C	TELA	HONDURAS	72274	C	TUCSON/INT., AZ.	USA
35426	C	TEMIR	KAZAKHSTAN	98233	C	TUGUEGARAO	PHILIPPINES
56739	C	TENGCHONG	CHINA	40215	C	TULKARM	OTHER STATIONS IN R
83492	C	TEOFILO OTONI	BRAZIL	80453	C	TUMEREMO	VENEZUELA
76373	C	TEPEHUANES, DGO.	MEXICO	60715	CT	TUNIS-CARTHAGE	TUNISIA
08235	C	TERUEL	SPAIN	24507	CT	TURA	RUSSIAN FEDERATION
61202	CT	TESSALIT	MALI	76640	C	TUXPAN.VER.	MEXICO
60318	C	TETUAN/SANIA RAMEL	MOROCCO	16759	C	TYMBAKION (AIRPORT)	GREECE
94570	C	TEWANTIN RSL PARK	AUSTRALIA	83786	C	UBATUBA	BRAZIL
48840	C	THANH HOA	VIET NAM	48407	T	UBON RATCHATHANI	THAILAND
71867	CT	THE PAS A UA, MAN	CANADA	16044	T	UDINE/CAMPOFORMIDO	ITALY
16744	C	THIRA (AIRPORT)	GREECE	48354	C	UDON THANI	THAILAND
71079	C	THOMPSON	CANADA	91652	C	UDU POINT AWS	FIJI
41314	C	THUMRAIT	OMAN	28722	C	UFA-DIOMA	RUSSIAN FEDERATION
60511	C	TIARET	ALGERIA	35416	C	UIL	KAZAKHSTAN
94485	C	TIBOOBURRA POST OFFICE	AUSTRALIA	97180	CT	UJUNG PANDANG/HASANUDDIN	INDONESIA
61450	C	TIDJIKJA	MAURITANIA	44292	CT	ULAANBAATAR	MONGOLIA
21824	T	TIKSI	RUSSIAN FEDERATION	44214	C	ULGI	MONGOLIA

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44272	C	ULIASTAI	MONGOLIA	97686	C	WAMENA	INDONESIA
47115	C	ULLEUNGDO	REP KOREA	12375	C	WARSZAWA-OKECIE	POLAND
10838	C	ULM	GERMANY	10544	C	WASSERKUPPE	GERMANY
33587	C	UMAN'	UKRAINE	71199	C	WATSON LAKE (AUT), YT	CANADA
44304	C	UNDERKHAAN	MONGOLIA	10688	C	WEIDEN	GERMANY
68424	CT	UPINGTON	SOUTH AFRICA	10980	C	WENDELSTEIN	GERMANY
72501	T	UPTON, NY.	USA	10055	C	WESTERMARKELSDORF	GERMANY
35108	C	URALSK	KAZAKHSTAN	92004	C	WEWAK W.O.	PAPUA N GUINEA
38396	C	URGENCH	UZBEKISTAN	93112	T	WHENUAPAI	N ZEALAND
83927	C	URUGUAIANA	BRAZIL	71964	CT	WHITEHORSE A, YT	CANADA
17188	C	USAK	TURKEY	72351	C	WICHITA FALLS/SHEPS AFB/WICH	USA
87938	C	USHUAIA AERO	ARGENTINA	61902	T	WIDE AWAKE FIELD (ASCENSION)	OCEAN ISLANDS
16400	C	USTICA	ITALY	11035	CT	WIEN/HOHE WARTE	AUSTRIA
01403	C	UTSIRA FYR	NORWAY	72513	C	WILKES-BARRE-SCRANTON, PA.	USA
33631	CT	UZHHOROD	UKRAINE	68110	CT	WINDHOEK	NAMIBIA
61995	CT	VACOAS (MAURITIUS)	MAURITIUS	10474	C	WITTENBERG	GERMANY
08284	C	VALENCIA/AEROPUERTO	SPAIN	12497	C	WLODAWA	POLAND
17170	C	VAN	TURKEY	47055	C	WONSAN	DPR KOREA
01098	C	VARDO	NORWAY	94659	CT	WOOMERA AERODROME	AUSTRALIA
33038	C	VASILEVICH	BELARUS	70387	C	WRANGELL	USA
26554	C	VERHNEDVINSK	BELARUS	12424	C	WROCLAW II	POLAND
48112	C	VICTORIA POINT	MYANMAR	51463	CT	WU LU MU QI	CHINA
15502	C	VIDIN	BULGARIA	10655	C	WUERZBURG	GERMANY
48940	C	VIENTIANE	LAO PDR	57036	C	XI'AN	CHINA
08045	C	VIGO/PEINADOR	SPAIN	56571	C	XICHANG	CHINA
24641	C	VILJUJSK	RUSSIAN FEDERATION	85365	C	YACUIBA	BOLIVIA
33562	C	VINNYTSIA	UKRAINE	36064	C	YAJLJU	RUSSIAN FEDERATION
85244	C	VIRU-VIRU	BOLIVIA	70361	CT	YAKUTAT, AK	USA
02590	C	VISBY	SWEDEN	33990	C	YALTA	UKRAINE
26666	C	VITEBSK	BELARUS	47588	C	YAMAGATA	JAPAN
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	23463	C	YANOV-STAN	RUSSIAN FEDERATION
06310	C	VLISSINGEN	NETHERLANDS	64950	C	YAOUNDE	CAMEROON
67017	C	VOHEMAR	MADAGASCAR	91413	C	YAP, CAROLINE IS.	USA
20982	C	VOLOCHANKA	RUSSIAN FEDERATION	37981	C	YARDIMLI	AZERBAIJAN
34122	T	VORONEZ	RUSSIAN FEDERATION	34866	C	YASHKUL'	RUSSIAN FEDERATION
89606	C	VOSTOK	ANTARCTICA	40821	T	YAZD	IRAN, ISLAMIC REP
33777	C	VOZNESENS'K	UKRAINE	62008	C	YEFREN	LIBYAN ARAB JAMAHIR
22837	C	VYTEGRA	RUSSIAN FEDERATION	61877	C	YELE	SIERRA LEONE
72256	C	WACO, MADISON-COOPER,	USA	40439	C	YENBO	SAUDI ARABIA
03377	C	WADDINGTON	U KINGDOM	47168	C	YEOSU	REP KOREA
71049	C	WAGER BAY (AUT), MAN	CANADA	37789	C	YEREVAN/YEREVAN-ARABKIR	ARMENIA
97340	C	WAINGAPU/MAU HAU	INDONESIA	57461	C	YICHANG	CHINA
47600	CT	WAJIMA	JAPAN	53614	CT	YINCHUAN	CHINA
47401	CT	WAKKANAI	JAPAN	64900	C	YOKO	CAMEROON

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65167	C	YOLA	NIGERIA
47744	T	YONAGO	JAPAN
78707	C	YORO	HONDURAS
72525	C	YOUNGSTOWN, OH.	USA
14430	T	ZADAR RS	CROATIA
14236	C	ZAGREB/GRIC	CROATIA
37575	C	ZAKATALA	AZERBAIJAN
67531	C	ZAMBEZI	ZAMBIA
81225	C	ZANDERIJ	SURINAME
34601	C	ZAPORIZHZHIA	UKRAINE
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
37404	C	ZESTAFONT	GEORGIA
34398	C	ZHALPAKTAL	KAZAKHSTAN
35671	C	ZHEZKAZGAN	KAZAKHSTAN
24343	CT	ZHIGANSK	RUSSIAN FEDERATION
41620	CT	ZHOB	PAKISTAN
33325	C	ZHYTOMYR	UKRAINE
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
36038	C	ZMEINOGORSK	RUSSIAN FEDERATION
31829	C	ZOLOTOJ	RUSSIAN FEDERATION
17022	C	ZONGULDAK	TURKEY
61404	C	ZOUERATE	MAURITANIA
62007	C	ZUARA	LIBYAN ARAB JAMAHIR
06660	C	ZUERICH-METEOSCHWEIZ	SWITZERLAND & LIECH
10961	C	ZUGSPITZE	GERMANY
25400	CT	ZYRYANKA	RUSSIAN FEDERATION

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