



VOL. 63 NO. 7



ISSN 0027-0296

JULY 2010

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**

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**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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Monthly Climatic Data for the World (ISSN-0027-0296) is published monthly by the National Climatic Data Center, National Environmental Satellite, Data, and Information Service, NOAA, Asheville, North Carolina, USA. Subscription, price, and ordering information is available from the:

**NCDC Subscription Services Center
310 State Route 956, Building 300
Rocket Center, WV 26726**

SURFACE

JULY 2010

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		1009.8	1011.0	6.2	2.0	8.6	1.2	5	12	-35	0		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1007.3	1010.6	6.6	.8	7.7	.6	3	13	-5	3		
01026 TROMSO	6939N	01856E	115		998.3	1012.0	11.7		10.7		15	129		5	149	73
01028 BJORNOYA	7431N	01901E	16		1009.6	1011.6	5.5	1.1	8.4	.5	4	28	-2	3		
01098 VARDØ	7022N	03106E	15		1011.2	1013.0	10.1	.9	10.7	.5	12	99	50	5		
01152 BODØ VI	6716N	01422E	13		1010.4	1012.0	13.2	.7	11.7	.2	13	92	0	3	148	86
01212 ONA II	6252N	00632E	15		1009.9	1011.6	13.3		12.9		11	69		3		
01238 FOKSTUA II	6207N	00917E	974		900.5	1010.2	11.9		9.4		12	66		3		
01241 ORLAND III	6342N	00936E	7		1010.5	1011.5	14.4	1.7	12.9	.5	12	62	-23	2		
01317 BERGEN/FLORIDA	6023N	00520E	36		1008.7	1011.6	15.6	1.1	12.5	.1	19	179	31	4		
01384 OSLO/GARDERMOEN	6012N	01105E	204		988.2	1012.0	16.8	1.6	14.3	2.8	13	110	31	5		
01403 UTSIRA FYR	5918N	00453E	56		1005.5	1012.1	14.2		13.9		14	101		0		
01415 STAVANGER/SOLA	5853N	00538E	9		1011.6	1012.7	16.1	1.9	13.8	1.1	15	107	16	4		
01465 TORUNGEN FYR	5824N	00848E	15		1011.5	1013.1	16.7		15.7		10	46		3		
SWEDEN																
02080 KARESUANDO	6827N	02227E	331		972.7	1011.6	13.6	.8	12.3	1.4	11	112	37	5	190	78
02120 KVIKKJOKK-ARRENJARKA	6653N	01801E	320		974.5	1011.7	13.5		11.8		14	164		5		
02128 GUNNARN	6500N	01742E	283		979.4	1011.8	15.5	1.0	13.2	2.1	15	105	20	4		
02226 OSTERSUND FROSON	6312N	01430E	376		967.9	1011.5	15.5	2.1	12.6	1.6	10	87	11	4	231	101
02366 TIMRA/MIDLANDA	6231N	01727E	8		1011.6	1012.2	17.9	2.6	15.3	2.9	6	59	-3	3		
02410 MALUNG	6041N	01342E	308		976.8	1012.1	16.4				12	138		5		
02418 KARLSTAD FLYGPLATS	5927N	01320E	107		1000.2	1012.7	17.7	1.6	15.7	2.4					232	88
02485 STOCKHOLM	5921N	01804E	52		1007.4	1013.4	21.2	4.0	15.7	2.2	5	74	2	4	302	116
02550 JONKOPING/AXAMO	5745N	01405E	224		987.4	1013.6	18.3	3.3	14.8	2.4	10	98	25	4		
02590 VISBY	5740N	01821E	51		1008.3	1014.3	19.9	3.6	18.3	3.9	5	113	63	5	340	120
FINLAND																
02801 KILPISJARVI	6903N	02047E	478		953.3	1012.3	11.3		10.7		15	99		5		
02805 KEVO	6945N	02702E	107		999.1	1012.4	13.1		12.0		13	136		6		
02836 SODANKYLA	6722N	02639E	179		990.4	1012.7	15.8	1.7	14.0		14	132	67	6		
02869 KUUSAMO	6558N	02911E	263		980.8	1013.8	17.4	3.2	13.9							
02875 OULU	6456N	02522E	15		1011.3	1013.1	18.8	2.8	15.6							
02897 KAJAANI	6417N	02741E	143		997.2	1013.9	19.6	4.0	16.3							
02929 JOENSUU	6240N	02938E	119		999.8	1014.7	21.8	5.4	16.7							
02935 JYVASKYLA	6224N	02541E	145		996.5	1014.0	21.1	5.4	16.3		7	27	-51	1		
02942 NIINISALO	6151N	02228E	136		998.1	1013.7	20.1	4.4	16.5		7	73	2	4		
02963 JOKIOINEN	6049N	02330E	104		1001.2	1014.1	20.8	5.0	16.4		5	42	-38	1		

SURFACE

JULY 2010

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		1006.7	1014.1	21.1	4.6	16.4							
02974 HELSINKI-VANTAA	6019N	02458E	56		1007.6	1014.7	22.4	5.8	16.9		5	15	-58	0		
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		999.5	1009.4	12.5	1.1	12.6		17	140	78	5	163	133
03026 STORNOWAY AIRPORT	5813N	00619W	15		1006.7	1008.6	13.5	.8	13.3		21	108	35	5	106	83
03066 KINLOSS	5739N	00334W	7		1008.9	1009.5	15.0	.8	12.4		16	125	70	5	124	84
03091 DYCE	5712N	00213W	69		1002.4	1010.3	14.5	.7	13.0		15	110	50	5	137	87
03100 TIREE	5630N	00653W	12		1008.0	1009.7	13.8	.5	13.7		23	129	50	5	137	87
03162 ESKDALEMUIR	5519N	00312W	242		984.0	1012.1	13.5	.3	13.2		19	249	151	5	69	46
03257 LEEMING	5418N	00132W	40		1009.0	1013.0	16.5	1.0	14.3		8	69	19	4	130	80
03302 VALLEY	5315N	00432W	11		1012.0	1013.2	15.8	.5	15.1		13	127	74	6	121	61
03377 WADDINGTON	5310N	00031W	70		1005.8	1013.9	18.0	2.2	13.6		11	50	-3	4	162	87
03502 ABERPORTH	5208N	00434W	134		998.5	1014.4	15.5	.8	15.0		14	122	72	6	115	61
03740 LYNEHAM	5130N	00159W	147		998.7	1015.5	17.5	1.5	14.3		10	30	-25	2	177	86
03797 MANSTON	5121N	00120E	54		1010.0	1015.9	19.1	2.4	15.5		6	41	-4	3	247	117
03808 CAMBORNE	5013N	00519W	88		1005.8	1016.2	16.2		15.8		10	78		5	118	55
03862 HURN	5047N	00150W	11		1014.9	1016.1	18.0	1.7	15.3		6	34	-6	3	166	76
03917 ALDERGROVE	5439N	00613W	81		1003.8	1011.4	15.7	1.0	14.1		17	106	42	5	80	54
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1010.3	1013.8	15.2	.3	15.1	.6	19	161	88	5	85	60
03955 CORK AIRPORT	5151N	00829W	162		994.4	1013.7	14.9	.3	14.6	.8	15	135	70	5	137	80
03962 SHANNON AIRPORT	5242N	00855W	20		1016.9	1019.3	11.7	-3.8	10.4	-3.7	10	57	0	3	197	110
03967 CASEMENT AERODROME	5318N	00626W	97		1001.3	1012.4	16.0		14.8		18	82			125	80
03969 DUBLIN AIRPORT	5326N	00615W	85		1002.3	1012.3	16.0	1.0	14.5	1.0	12	79	29	5	143	85
03973 CONNAUGHT AIRPORT	5354N	00849W	209		987.0	1011.9	13.0		13.6		20	184			97	
03976 BELMULLET	5414N	01000W	10		1010.4	1011.6	14.8	.7	14.7	.8	22	140	72	6	104	75
03980 MALIN HEAD	5522N	00720W	25		1008.2	1010.4	14.5	.8	13.7	.4	21	0129	0057			
ICELAND																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		998.8	1005.2	12.7		11.5		9	62		3		
04030 REYKJAVIK	6408N	02156W	61		997.9	1005.2	13.0	2.4	11.6	1.3	9	43	-8	2	217	127
04063 AKUREYRI	6541N	01805W	27		1003.4	1006.8	11.1	.6	10.8	.8	9	47	14	5	138	87
04082 AKURNES	6418N	01513W	21		1005.2	1005.8	11.5		11.6		13	175		5		
GREENLAND																
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	43			1009.9	7.5	1.8	8.9							
04250 NUK (GODTHAAB)	6410N	05145W	84			1009.2	7.9	1.4	9.8		3	20	-62			
04312 STATION NORD AWS	8136N	01641W	36			1007.7	5.7	2.4	6.6							
04320 DANMARKSHAVN	7646N	01840W	12			1010.2	3.9	.2	5.8							
04339 ITTOQQORTOORMIIT (SCORESBYSU)	7029N	02157W	69			1010.4	6.0		6.7		3	5	-17			
04360 TASHILAQ (AMMASSALIK)	6536N	03738W	52			1010.5	7.9	1.5	8.4		2	6	-41			

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.
04390 PRINS CHRISTIAN SUND	6003N	04310W	88			1010.0	8.1	1.6	9.0		9	173	42			
DENMARK AND FAROE ISLANDS																
06011 TORSHAVN	6201N	00646W	61			1007.5	10.6	.3	11.6		13	93	12			
06030 AALBORG	5706N	00951E	13			1014.1	18.9	3.2	16.0		8	50				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1015.1	20.6		15.8		6	26				
06190 ROENNE	5504N	01445E	17			1015.7	19.7	2.7	17.1							
NETHERLANDS																
06235 DE KOOY	5256N	00447E	2		1015.6	1015.7	18.3	2.1	16.0	1.0	12	66	2	3	256	125
06260 DE BILT	5206N	00511E	4		1015.5	1015.8	19.9	3.1	15.9	1.0	13	77	2	3	256	137
06280 EELDE/GRONINGEN AP EELDE	5307N	00635E	4		1014.9	1015.4	19.4	3.5	16.0	1.0	10	114	38	5	271	151
06310 VLISSINGEN	5127N	00336E	10		1015.2	1016.2	19.5	2.6	16.6	1.4	6	36	-32	1	251	124
LUXEMBOURG																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	376		973.5	1016.9	20.5		14.1		6	47	-21	2	314	135
SWITZERLAND & LIECHTENSTEIN																
06610 PAYERNE	4649N	00657E	491		961.2	1017.0	20.8		15.7		3	21			282	115
06660 ZUERICH-METEOSCHWEIZ	4723N	00834E	569		953.7	1017.0	20.0	2.4	16.2	1.5	15	132	14	4	253	120
06680 SAENTIS	4715N	00921E	2502		758.4	3152 Z	7.9	2.8	8.8	1.7	16	322	7	4	197	117
06700 GENEVE-COINTRIN	4615N	00608E	420		969.6	1016.5	22.1	3.0	15.4	1.4	3	14	-51	1	305	120
06717 GRAND ST. BERNARD	4552N	00710E	2479		759.2	3157 Z	9.5		9.1		13	183			225	100
06770 LUGANO	4600N	00858E	276		980.3	1014.5	24.4	3.3	18.6	1.8	6	161	23	4	298	119
FRANCE																
07005 ABBEVILLE	5008N	00150E	77		1008.3	1017.9	18.7		15.6		7	30			248	115
07015 LILLE	5034N	00306E	52		1011.0	1016.5	20.3		15.6		7	67			230	110
07020 LA HAGUE	4943N	00156W	12		1016.6	1017.4	17.0		16.3		5	15		1		
07027 CAEN	4911N	00027W	67		1009.6	1017.5	18.6	1.9	15.1		5	22	-25	1	262	116
07037 ROUEN	4923N	00111E	156		999.4	1017.1	19.3		14.9		5	19			228	100
07070 REIMS	4918N	00402E	91		1006.4	1017.0	20.7		15.4		4	20		1	226	95
07110 BREST	4827N	00425W	99		1006.7	1018.0	17.0	1.0	15.8		15	89	43	5	164	72
07117 PLOUMANACH PERROS GUIREC	4850N	00328W	58		1010.9	1017.7	17.1		16.0		10	48				
07130 RENNES	4804N	00144W	43		1012.8	1017.8	19.6		14.9		6	17			272	110
07139 ALENCON	4826N	00006E	144		1000.6	1017.5	19.9		14.1		1	4		0	268	115
07149 PARIS-ORLY	4843N	00223E	90		1006.7	1017.2	21.4		15.3		7	89		5	258	
07168 TROYES	4820N	00401E	118		1003.7	1017.4	20.7		15.3		6	31			253	
07181 NANCY-COCHY	4835N	00558E	351		977.8	1017.2	20.5		15.3		10	73				
07190 STRASBOURG-ENTZHEIM	4833N	00738E	153		999.5	1017.0	21.5	2.5	16.5		11	109	53	5	272	114
07207 POINTE DU TALUT	4718N	00310W	43		1013.7	1018.8	18.3		16.5		4	15				
07222 NANTES	4709N	00136W	27		1015.1	1018.1	20.1	1.1	16.0		4	20	-26	1	256	96
07240 TOURS	4727N	00044E	112		1004.6	1017.7	21.3		15.4		7	49			289	110

SURFACE

JULY 2010

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		998.5	1017.7	21.5	2.3	15.8		10	57	6	2	281	108
07280 DIJON	4716N	00505E	227		991.1	1017.3	21.4	1.8	15.6		6	69	18	2	281	106
07299 BALE-MULHOUSE	4736N	00731E	271		985.6	1017.0	21.6		16.2		9	37		1	281	110
07314 CHASSIRON	4603N	00125W	22		1016.3	1019.0	19.9		18.5		6	22				
07335 POITIERS	4635N	00018E	120		1004.1	1018.1	20.8		15.8		7	42			262	95
07434 LIMOGES	4552N	00111E	402		971.8	1017.9	20.4		15.5		6	21			273	105
07460 CLERMONT-FERRAND	4547N	00310E	330		979.9	1017.3	21.2		16.9		9	92		5	273	105
07471 LE PUY	4505N	00346E	833		924.0	1544 Y	18.5		14.7		8	106			273	
07481 LYON-SATOLAS	4544N	00505E	248		989.3	1016.8	23.1		15.9		6	39				
07510 BORDEAUX MERIGNAC	4450N	00041W	61		1012.3	1018.6	22.1		17.0		3	15	-31	1	281	100
07535 GOURDON	4445N	00124E	261		987.9	1018.0	21.4		17.8		3	66			281	100
07560 MONT AIGOUAL	4407N	00335E	1567		847.7	1541 Y	15.0		12.5		1	16		1		
07577 MONTELMAR	4435N	00444E	74		1007.6	1016.1	25.1		15.9		3	11			373	110
07591 EMBRUN	4434N	00630E	876		917.9	1540 Y	21.8		13.8		4	26			334	110
07607 MONT-DE-MARSAN	4355N	00030W	60		1011.9	1018.8	22.0		17.8		4	23			254	100
07621 TARBES-OSSUN	4311N	00000W	364		976.9	1018.7	20.6		17.5		6	74			214	100
07627 SAINT GIRONS	4300N	00106E	412		971.2	1018.2	20.5		17.4		6	54			196	85
07630 TOULOUSE BLAGNAC	4338N	00122E	154		1000.7	1018.0	23.4		16.8		4	23	-18	2	267	95
07643 MONTPELLIER	4335N	00358E	8		1015.1	1016.0	25.6		18.5		2	3		1	368	105
07650 MARIGNANE	4327N	00514E	32		1011.3	1015.0	26.1		18.1		1	2	-11	2	394	110
07661 CAP CEPET	4305N	00556E	136		999.2	1014.4	25.1		20.0		0	0				
07690 NICE	4339N	00712E	27		1011.3	1014.5	26.1		22.1		01	1	-14	1	380	110
07747 PERPIGNAN	4244N	00252E	47		1011.4	1016.8	25.7		17.8		1	15	-2	2	329	105
07761 AJACCIO	4155N	00848E	9		1013.8	1014.8	24.9		22.0		1	3	-8	2	410	110
07790 BASTIA	4233N	00929E	12		1013.0	1014.4	25.7		22.0		0	0		1	388	110
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1010.8	1018.7	19.5	1.1	17.4	.6	6	35	10	4	290	117
08015 OVIEDO	4321N	00552W	339		980.2	1019.3	19.3	1.2	18.1	1.5	6	27	-28	2	183	103
08023 SANTANDER	4329N	00348W	59		1013.0	1019.9	19.9	.6	19.7	2.2	7	51	0	3	233	110
08025 BILBAO/SONDICA	4318N	00254W	42		1015.0	1019.5	20.9		18.1		4	31		2	158	85
08027 SAN SEBASTIAN/IGUELDO	4318N	00202W	259		989.1	1019.2	19.3	.9	19.2	1.4	10	76	-2	3	181	93
08045 VIGO/PEINADOR	4214N	00838W	256		987.7	1017.1	21.2	2.1	17.0	.2	5	15	-23	2	354	122
08048 ORENSE	4220N	00752W	147		999.3	1016.1	24.2		17.7		2	10		3	323	120
08053 PONFERRADA	4234N	00636W	550		954.3	1015.5	23.8		17.6		3	8		3	387	130
08055 LEON/VIRGEN DEL CAMINO	4235N	00539W	916		914.5	1014.2	21.3		14.7		0	0		1	403	110
08075 BURGOS/VILLAFRIA	4221N	00338W	890		917.1	1014.9	20.5	2.1	13.7	-.1	1	6	-21	1	362	111
08084 LOGRONO/AGONCILLO	4227N	00220W	363		975.6	1016.6	23.6	1.5	15.0	.1	4	30	8	4	353	115
08085 PAMPLONA/NOAIN	4246N	00138W	459		965.8	1016.9	22.3		15.9		3	39		3	317	105
08130 ZAMORA	4131N	00544W	667		941.4	1014.9	24.4		11.8		1	2		2	405	110
08141 VALLADOLID	4139N	00446W	735		932.9	1013.5	23.9	2.5	13.3	2.1	1	10	-7	3	383	106
08148 SORIA	4146N	00228W	1082		897.1	1013.8	21.7		11.6		2	21		3	345	100
08160 ZARAGOZA/AEROPUERTO	4140N	00100W	263		986.0	1015.0	27.1	2.8	16.8	1.8	1	7	-8	2	381	111
08171 LERIDA	4138N	00036E	199		993.0	1015.4	26.8		18.4		1	2		2	383	115
08175 REUS/AEROPUERTO	4109N	00110E	76		1007.5	1016.2	24.4		18.3		1	4		2	234	75
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1015.7	1016.3	26.1	3.2	22.0	1.2	1	2	-20	1	195	63

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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.
08184 GERONA/COSTA BRAVA	4154N	00246E	143		1001.2	1015.9	25.4	2.3	17.9	-5	1	2	-36	1	233	84
08202 SALAMANCA/MATACAN	4057N	00530W	794		927.0	1013.7	23.0	2.0	12.4	-1.0	1	5	-13	2	408	112
08215 NAVACERRADA	4047N	00401W	1894		816.6	1011.8	19.0		10.8		3	6		2	343	100
08221 MADRID/BARAJAS	4030N	00335W	633		949.1	1012.9	26.7	2.4	10.6	-3.1	2	11	3	4	391	112
08231 CUENCA	4004N	00208W	946		910.7	1013.4	25.8		13.4		0	0		2		
08235 TERUEL	4021N	00107W	902		916.1	1013.9	23.6		15.7		1	16		2		
08238 TORTOSA	4049N	00030E	50		1009.6	1015.3	28.2	2.9	22.0	2.2	1	5	-8	2	358	113
08261 CACERES	3928N	00620W	405		969.5	1014.2	28.4	2.8	13.3	1.1	0	0	-5	2	401	110
08272 TOLEDO	3953N	00403W	516		956.3	1013.1	28.2		13.2		2	6		3	370	100
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		937.1	1013.8	26.7	2.6	14.0	.3	0	0	-9	2	358	102
08284 VALENCIA/AEROPUERTO	3930N	00028W	69		1008.6	1015.7	25.9	1.2	19.0	-1.7	1	4	-12	5	348	111
08286 CASTELLON	3957N	00004W	35		1011.6	1015.6	26.8		21.5		0	0		5	248	80
08301 PALMA DE MALLORCA	3933N	00237E	6		1014.9	1015.6	26.2		24.6		1	6		3	368	110
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	7		1016.0	1016.6	25.3	1.5	21.8	.9	0	0	-9	2	365	110
08314 MENORCA/MAHON	3952N	00414E	89		1006.6	1016.4	24.3	.1	19.9	-3	0	0	-3	3	353	101
08330 BADAJOZ/TALAVERA LA REAL	3853N	00650W	192		992.3	1014.1	27.9	2.6	17.3	1.3	0	0	-3	3	404	109
08348 CIUDAD REAL	3859N	00355W	629		945.0	1013.6	28.6	3.6	15.0	-1.0	0	0	-10	2	382	105
08359 ALICANTE	3822N	00030W	82		1006.5	1015.9	26.6	1.5	27.0	5.9	0	0	-4	3	341	100
08360 ALICANTE/EL ALTET	3817N	00033W	43		1012.3	1015.8	26.3		20.8		0	0			313	
08373 IBIZA/ES CODOLA	3853N	00123E	17		1014.3	1016.1	26.1	1.2	24.0	1.2	0	0	-5	3	338	100
08383 HUELVA	3717N	00655W	20		1012.8	1015.1	27.2		18.6		0	0		3	280	75
08391 SEVILLA/SAN PABLO	3725N	00554W	34		1010.1	1013.6	30.3		17.1		0	0		5	362	100
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1003.2	1013.5	29.3	2.4	13.2	-3.1	0	0	-5	3	382	107
08417 JAEN	3747N	00348W	582		950.5	1013.7	29.2		16.3		0	0		3		
08419 GRANADA/AEROPUERTO	3711N	00347W	570		950.3	1013.4	26.0		11.9		0	0		4	365	100
08430 MURCIA	3800N	00110W	62		1008.7	1015.7	28.0		22.1		1	3		3	363	110
08433 MURCIA/SAN JAVIER	3747N	00048W	5		1015.6	1015.8	25.5	1.6	22.1	-9	0	0	-6	3	374	133
08451 JEREZ DE LA FRONTERA AEROPUE	3645N	00604W	28		1011.2	1014.4	27.3	2.2	20.5	1.6	1	1	0	5	357	101
08482 MALAGA/AEROPUERTO	3640N	00429W	16		1014.5	1015.3	26.7	1.9	20.7	1.8	0	0	-1	4	347	100
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.6	1015.0	27.6	2.2	14.2	-7.3	0	0	-1	4	356	104
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5		1014.7	1015.3	24.8				1	2		5	333	95
PORTUGAL																
08509 LAJES (ACORES)	3846N	02706W	54		1019.6	1025.9	21.7		20.9		6	14		1	303	130
08512 PONTA DELGADA/NORDELA (ACORE)	3744N	02542W	72		1016.5	1025.9	21.1		16.9			2		0		
08535 LISBOA/GEOP	3843N	00909W	95		1004.4	1015.4	24.2	1.8	16.8	-2	0	0	-5	2	378	107
08548 COIMBRA/CERNACHE	4009N	00828W	179		997.0	1016.8	21.9		16.8		01	1			333	
08558 EVORA/C. COORD	3832N	00754W	246		986.7	1014.7	25.9		13.8		0	0			123	
08570 CASTELO BRANCO	3950N	00729W	386		970.9	1014.2	27.2		13.0		01	1			411	
08575 BRAGANCA	4148N	00644W	692		938.8	1015.9	23.5	2.4	13.7	.7	1	22	5	5	400	110
GERMANY																

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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.
10015 HELGOLAND	5411N	00754E	8		1014.4	1015.4	18.7		16.7		13	97			286	130
10020 LIST/SYLT	5501N	00825E	29		1011.9	1015.0	19.2		16.8		11	117			253	110
10028 ST PETER-ORDING	5420N	00836E	11		1014.0	1015.3	19.9		16.6		9	79			282	135
10035 SCHLESWIG	5432N	00933E	48		1009.6	1015.2	19.7	3.9	15.6	1.3	7	37	-55	1	275	129
10055 WESTERMARKELSDORF	5432N	01104E	9		1014.3	1015.3	20.3		17.8		5	15			305	125
10091 ARKONA	5441N	01326E	42		1010.4	1015.2	20.0		17.6		4	26			317	120
10113 NORDERNEY	5343N	00709E	16		1013.6	1015.4	19.4		16.3		10	138			298	140
10129 BREMERHAVEN	5332N	00835E	11		1014.1	1015.3	20.9		16.2		12	45			291	150
10131 CUXHAVEN	5352N	00842E	12		1013.7	1015.0	20.2		16.1		11	76			276	130
10142 ITZEHOE	5359N	00934E	26		1012.5	1015.5	20.5		16.0		8	38			264	120
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	16		1013.8	1015.6	21.1	4.3	15.4	.9	9	33	-49	1	278	135
10161 BOLTENHAGEN	5400N	01112E	17		1013.6	1015.5	20.3		17.2		4	23			282	125
10162 SCHWERIN	5339N	01123E	68		1007.7	1015.6	21.4		15.7		2	57			292	135
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1014.0	1015.5	21.3	4.5	16.6	1.5	3	12	-59	1	324	139
10180 BARTH	5420N	01243E	7		1015.2	1015.6	20.2		16.9		4	12			317	130
10184 GREIFSWALD	5406N	01324E	6		1015.1	1015.8	21.1		16.0		4	20			304	130
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1015.5	1015.7	19.5		16.0		16	123			273	160
10215 OLDENBURG	5311N	00810E	20		1014.3	1015.8	20.8		14.7		12	71			287	145
10224 BREMEN	5303N	00848E	5		1015.0	1015.6	21.1		15.2		4	45			293	155
10249 BOIZENBURG	5324N	01041E	46		1010.3	1015.7	21.5		14.8		4	10			287	130
10261 SEEHAUSEN	5254N	01144E	23		1013.0	1015.7	21.9		15.2		4	23			284	140
10264 MARNITZ	5319N	01156E	87		1005.2	1015.4	21.5		14.8		4	13			293	155
10270 NEURUPPIN	5254N	01249E	45		1009.7	1015.0	21.8		15.4		2	9			318	145
10291 ANGERMUENDE	5302N	01400E	55		1009.0	1015.5	21.8		15.8		5	64			311	135
10305 LINGEN	5231N	00718E	26		1012.6	1015.7	21.1		15.3		9	49			274	150
10315 MUENSTER/OSNABRUECK	5208N	00742E	53		1009.9	1016.0	21.2		14.7		12	54			271	140
10321 DIEPHOLZ	5235N	00821E	43		1010.8	1015.8	20.8		15.1		8	47			271	145
10325 BAD SALZUFLEN	5206N	00845E	139		1000.4	1016.3	20.8		15.0		8	45			272	150
10338 HANNOVER	5228N	00941E	59		1009.0	1015.9	21.5	4.3	15.0	.3	7	32	-30	1	280	130
10348 BRAUNSCHWEIG	5218N	01027E	88		1005.8	1016.0	21.4		15.4		7	28			290	145
10359 GARDELEGEN	5231N	01124E	48		1010.4	1016.0	21.4		15.1		5	19			254	125
10361 MAGDEBURG	5206N	01135E	85		1006.0	1015.8	21.9		15.5		5	29			292	135
10379 POTSDAM	5223N	01304E	100		1003.7	1015.3	22.6	4.7	14.6	.3	4	39	-13	3	314	136
10382 BERLIN-TEGEL	5234N	01319E	37		1011.4	1015.6	23.2		14.9		6	43			312	135
10384 BERLIN-TEMPELHOF	5228N	01324E	50		1009.8	1015.5	23.3		14.2		5	56			295	130
10385 BERLIN-SCHOENEFELD	5223N	01332E	48		1009.9	1015.8	22.7		14.9		5	65			293	
10393 LINDENBERG	5213N	01407E	112		1003.6	1015.6	22.7	4.8	15.1	1.2	6	76	23	4	311	136
10396 MANSCHNOW	5233N	01433E	16		1014.5	1016.0	22.0		15.9		5	77			313	140
10400 DUESSELDORF	5118N	00646E	45		1011.4	1016.1	21.6		14.9		11	92			268	140
10410 ESSEN-BREDENEY	5124N	00658E	161		998.8	1016.2	21.0	3.6	15.4	1.0	10	68	-21	2	276	148
10418 LUEDENSCHIED	5115N	00739E	392		971.6	1016.6	19.6		14.0		9	79			245	140
10427 KAHLER ASTEN	5111N	00829E	859		919.6	1526 Y	17.0		12.8		9	52			245	140
10430 BAD LIPPSPRINGE	5147N	00850E	158		997.8	1016.1	21.2		14.7		6	62			267	145
10444 GOETTINGEN	5130N	00957E	175		996.4	1016.4	19.9		15.7		10	101			274	145
10449 LEINEFELDE	5124N	01019E	356		975.8	1016.4	19.7		14.8		7	48			279	140
10453 BROCKEN	5148N	01037E	1153		888.4	1525 Y	14.9		12.2		9	49			240	145

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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.
10460 ARTERN	5123N	01118E	166		996.6	1015.8	21.0		16.1		9	84			277	135
10469 LEIPZIG-SCHKEUDITZ	5126N	01214E	141		1000.2	1016.0	21.8		15.6		8	49			295	145
10474 WITTENBERG	5153N	01239E	106		1003.5	1015.8	22.1		15.0		4	37			288	130
10480 OSCHATZ	5118N	01306E	152		998.7	1016.1	21.5		16.0		7	89			281	130
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		989.1	1015.9	21.4		15.7		11	117			291	140
10496 COTTBUS	5146N	01419E	70		1007.2	1015.2	22.3		15.2		6	105			292	130
10499 GOERLITZ	5110N	01457E	240		988.3	1016.0	21.0	3.7	16.1	2.0	10	160	90	5	298	135
10501 AACHEN	5047N	00606E	205		992.5	1016.2	21.1		14.8		8	41			268	135
10506 NUERBURG-BARWEILER	5022N	00652E	488		960.7	1016.4	19.3		13.8		11	68			269	130
10513 KOELN/BONN	5052N	00710E	100		1004.9	1016.5	21.5		15.1		11	56			253	130
10519 BONN-ROLEBER	5044N	00712E	162		997.9	1016.5	20.9		15.4		10	68			270	140
10526 BAD MARIENBERG	5040N	00758E	555		953.2	1016.5	19.0		13.8		11	65			265	135
10532 GIESSEN	5035N	00842E	195		992.3	1016.0	20.6		14.6		8	55			275	125
10542 BAD HERSFELD	5051N	00944E	273		985.3	1016.6	20.0		14.7		8	51			248	110
10544 WASSERKUPPE	5030N	00957E	925		912.8	1530 Y	16.9		13.4		9	146			266	125
10548 MEININGEN	5034N	01023E	453		964.4	1016.1	19.9		14.2		6	48			269	130
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		979.1	1016.2	20.5		15.3		8	138			278	125
10557 NEUHAUS A.R.	5030N	01108E	851		920.8	1530 Y	17.6		13.2		10	135			234	115
10567 GERA-LEUMNITZ	5053N	01208E	312		980.1	1015.9	20.5		15.2		10	89			277	130
10577 CHEMNITZ	5048N	01252E	420		967.9	1015.9	20.5		14.7		11	151			293	145
10578 FICHELBERG	5026N	01257E	1215		882.1	1528 Y	15.1	3.9	12.6	1.9	15	211	99	5	237	124
10582 ZINNWALD-GEORGENFELD	5044N	01345E	882		917.1	1526 Y	17.0		13.5		12	152			259	135
10591 LICHTENHAIN-MITTELNDORF	5056N	01413E	352		978.8	1015.4	20.6		15.7		10	157			280	135
10609 TRIER-PETRISBERG	4945N	00640E	273		985.4	1016.9	20.8	3.2	14.9	.8	8	43	-27	2	284	126
10628 GEISENHEIM	4959N	00757E	123		1003.8	1016.7	21.5	2.9	15.7	1.3	10	62	5	4	296	132
10637 FRANKFURT/M-FLUGHAFEN	5003N	00836E	113		1003.4	1016.5	22.2		15.5		11	61			294	130
10648 MICHELSTADT-VIELBRUNN	4943N	00906E	455		964.5	1016.5	19.9		14.9		10	61			262	115
10655 WUERZBURG	4946N	00958E	272		984.9	1016.2	21.5		15.4		8	75			283	130
10658 BAD KISSINGEN	5014N	01005E	282		983.9	1016.4	20.4		15.3		8	66			284	135
10675 BAMBERG	4953N	01055E	243		988.5	1016.4	20.3		16.0		10	139			286	130
10685 HOF	5019N	01153E	568		951.1	1015.5	19.2		14.3		11	78			248	120
10688 WEIDEN	4940N	01211E	439		966.2	1016.1	20.2		14.4		11	74			273	125
10708 SAARBRUECKEN/ENSHEIM	4913N	00707E	322		980.0	1016.9	20.0		15.2		11	108			302	125
10724 WEINBIET	4923N	00807E	557		953.2	1016.4	19.7		13.6		10	55			272	125
10729 MANNHEIM	4931N	00833E	100		1005.1	1016.8	21.8		16.1		9	74			273	115
10738 STUTTGART-ECHTERDINGEN	4841N	00914E	396		971.9	1016.7	20.8		15.0		13	97			291	120
10742 OEHRINGEN	4913N	00931E	277		985.0	1016.5	21.3		15.5		9	73			269	115
10761 WEISSENBURG	4901N	01058E	424		967.9	1016.3	20.7		14.7		12	117			278	120
10763 NUERNBERG	4930N	01103E	319		979.9	1016.4	21.0	2.7	15.6	1.7	10	105	36	5	292	124
10776 REGENSBURG	4903N	01206E	371		973.9	1016.2	20.8		15.9		11	81			298	125
10788 STRAUBING	4850N	01234E	360		975.6	1016.4	20.5		15.9		10	62			311	130
10791 GROSSER ARBER	4907N	01308E	1446		858.3	1528 Y	14.3		12.7		11	140			229	105
10803 FREIBURG	4800N	00751E	300		989.6	1017.0	21.3		16.7		11	66			278	120
10805 LAHR	4822N	00750E	157		998.9	1017.1	21.4		17.2		10	105			288	110
10836 STOETTEN	4840N	00952E	737		933.6	1016.7	18.7		14.2		13	178			262	105
10838 ULM	4823N	00957E	571		951.9	1016.6	19.8		15.6		11	115			278	110

SURFACE

JULY 2010

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.
10852 AUGSBURG	4826N	01056E	477		962.2	1016.6	19.4		15.2		10	122			280	115
10870 MUENCHEN, FLUGHAFEN	4822N	01149E	453		965.7	1016.4	20.5	3.2	16.3	2.6	9	123	23	4	306	132
10875 MUEHL DORF	4817N	01230E	410		969.6	1016.6	19.9		17.1		12	106			290	125
10895 FUERSTENZELL	4833N	01321E	480		961.9	1016.3	20.0		16.5		10	204			296	130
10908 FELDBERG/SCHWARZWALD	4753N	00800E	1493		854.0	1532 Y	13.6		11.9		11	94			238	110
10929 KONSTANZ	4741N	00911E	447		966.1	1016.7	20.9	2.4	16.8	1.7	15	122	20	4	278	114
10946 KEMPTEN	4743N	01020E	705		937.2	1016.7	18.7		15.5		14	211			250	110
10948 OBERSTDORF	4724N	01017E	812		926.4	1538 Y	17.6		15.1		16	267			236	120
10961 ZUGSPITZE	4725N	01059E	2962		715.9	3144 Z	4.7	2.5	7.1	.7	15	174	-9	3	201	116
10962 HOHENPEISSENBERG	4748N	01101E	986		907.0	1538 Y	17.7	2.7	14.3	1.7	13	188	27	4	251	110
10980 WENDELSTEIN	4742N	01201E	1835		820.2	1535 Y	12.1		11.6		16	186			210	110
AUSTRIA																
11035 WIEN/HOHE WARTE	4815N	01622E	200		991.2	1015.0	22.3		17.8	3.0	7	88	25	1	304	124
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	584		948.8	1015.9	20.2		16.8		13	102		1	244	110
11146 SONNBLICK	4703N	01257E	3111		702.2	3135 Z	4.8		7.8	1.4	14	158	-91	3	219	123
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		964.9	1016.3	20.6		15.0	.6	13	174	14	2	225	101
11155 FEUERKOGEL	4749N	01343E	1621		841.3	1534 Y	13.2		12.7		11	140		3	248	135
11212 VILLACHERALPE	4636N	01340E	2160		789.7	1538 Y	11.4		11.2		9	91		2	285	135
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		960.9	1014.8	21.9		16.8	2.0	5	52	-64	1	292	116
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		973.6	1014.9	22.9		17.2	1.3	7	51	-75	1	285	119
CZECH REPUBLIC																
11423 PRIMDA	4940N	01240E	748		932.1		18.8		13.8		10	95		4	272	120
11464 MILESOVKA	5033N	01356E	836		921.5		18.5		14.3		9	143		5	269	120
11487 KOCELOVICE	4928N	01350E	522		956.6	1016.0	19.5		14.8		8	88		4	285	125
11518 PRAHA/RUZYNE	5006N	01415E	380		974.1	1015.9	20.7	3.6	15.6	1.8	10	128	62	5	268	119
11520 PRAHA-LIBUS	5001N	01427E	303		979.7	1015.9	21.4		15.4		8	94		4	262	115
11603 LIBEREC	5046N	01501E	405		970.0	1016.1	19.7		13.8		9	158		5	253	140
11659 PRIBYSLAV	4935N	01546E	536		954.6	1015.6	19.3		15.7		7	130		5	271	125
11723 BRNO/TURANY	4909N	01642E	246		987.0	1015.3	21.6	3.1	17.3	3.1	10	136	72	5	262	111
11782 OSTRAVA/MOSNOV	4941N	01807E	260		986.5	1015.6	20.6	2.8	16.8	2.2	11	136	45	5	245	113
SLOVAKIA																
11826 PIESTANY	4837N	01750E	164		996.1	1015.1	21.6		17.3		8	97		5	290	115
11858 HURBANOVO	4752N	01812E	124		1000.2	1014.6	23.0	2.8	18.0	2.6	7	104	54	5	301	116
11903 SLIAC	4839N	01909E	315		978.2	1014.1	22.0	3.9	18.1	3.8	9	93	35	5	296	127
11934 POPRAD/TATRY	4904N	02015E	696		936.2		18.1	2.6	15.2	2.5	15	144	76	6	259	117
POLAND																
12120 LEBA	5445N	01732E	6		1014.7	1015.4	19.9		17.5		10	127		5	314	
12160 ELBLAG	5410N	01926E	43		1010.2	1015.3	21.3		17.4		8	65		2	306	150
12205 SZCZECIN	5324N	01437E	7		1014.7	1015.5	21.7	4.0	16.2	1.2	6	63	2	3	335	160

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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.
12295 BIALYSTOK	5306N	02310E	151		996.9	1014.4	21.1	3.8	18.8	3.9	8	124	44	5	291	130
12330 POZNAN	5225N	01651E	84		1005.2	1015.5	22.1	4.1	15.3	1.2	5	81	12	4	315	144
12375 WARSZAWA-OKECIE	5210N	02058E	106		1002.2	1014.6	21.9	3.9	17.7	2.9	9	92	23	4	351	155
12424 WROCLAW II	5106N	01653E	124		1001.2	1015.8	21.3	3.6	16.8	1.9	11	130	46	5	276	135
12497 WLODAWA	5133N	02332E	179		993.3	1014.2	21.5		18.4		9	62		2	265	110
12566 KRAKOW	5005N	01948E	237		987.2	1015.3	20.4	2.9	17.3	2.4	10	105	20	4		
HUNGARY																
12843 BUDAPEST/PESTSZENTLORINC	4726N	01911E	139		998.3	1014.5	23.6	2.8	18.7	3.6	7	41	-11	3	306	112
12882 DEBRECEN	4729N	02136E	109		1001.4	1014.0	22.5	2.2	19.9	3.8	8	89	24	4	300	106
12942 PECS/POGANY	4600N	01814E	203		991.8	1015.2	22.9	2.4	18.9	3.4	7	51	-10	3	307	105
12982 SZEGED	4615N	02006E	83		1004.7	1014.3	23.1	2.3	21.0	5.0	5	61	11	4	313	109
SERBIA AND MONTENEGRO																
13274 BEOGRAD	4448N	02028E	132		998.8	1013.9	24.1	2.4	19.9	3.7	4	41	-25	3	303	107
13388 NIS	4320N	02154E	202		990.5	1014.0	22.9		19.6		7	36		3	254	90
MACEDONIA																
13577 LAZAROPOLE	4132N	02042E	1332		868.6		16.3	.3	13.1		9	59	13	4	280	97
13588 SKOPJE-ZAJCEV RID	4201N	02124E	302				24.1		17.2		7	47		3	294	
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		755.6	3144 Z	8.2		8.6		9	163		2	230	120
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	299		981.2	1015.2	22.8		17.8		10	112		3	300	115
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		995.9	1014.5	24.0		18.2		6	122		4	280	105
14445 SPLIT/MARJAN	4331N	01626E	128		998.2	1012.7	27.2		18.0		3	234		3	387	110
BOSNIA AND HERZEGOVINA																
14648 MOSTAR	4321N	01748E	108		1002.1	1013.3	26.8		18.6		2	27		3	340	105
14652 BJELASNICA	4343N	01816E	2070		798.1	1524 Y	10.5		11.0		9	70		3	198	60
14654 SARAJEVO-BJELAVE	4352N	01826E	638		943.6	1014.4	20.7	1.8	15.9	2.0	6	29	-51	1	249	97
ROMANIA																
15023 SUCEAVA	4738N	02615E	352		971.4	1012.0	21.1		20.0		11	112		4	261	105
15085 BISTRITA	4709N	02431E	367		971.4	1013.7	20.4	2.1	18.5	2.8	11	86	-1	3	240	93
15090 IASI	4710N	02738E	104		1000.6	1012.5	23.3	2.8	21.0	4.0	5	25	-58	1	282	104
15120 CLUJ-NAPOCA	4647N	02334E	414		966.7	1014.1	20.4	2.2	19.2	3.8	10	98	17	4	231	85
15247 TIMISOARA	4546N	02115E	88				22.5	1.4	19.4	2.8	6	25	-39	1	222	74
15260 SIBIU	4548N	02409E	444		962.7	1013.8	20.9	2.2	19.0	2.9	12	71	-15	3	257	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	QUANTILE	TOTAL	% of AV.
15280 VARFU OMU	4527N	02527E	2509		754.5		7.3	2.2	8.8	.7	18	161	17	4	149	101
15292 CARANSEBES	4525N	02215E	242		986.2	1013.6	21.3		19.2		11	118		5	252	95
15310 GALATI	4529N	02802E	71		1003.6	1011.6	24.0	2.0	21.1	3.7	9	73	27	5	261	85
15350 BUZAU	4509N	02649E	97		1001.4	1012.6	24.1		20.2		11	46		2	287	100
15360 SULINA	4510N	02944E	9		1009.6	1011.0	24.9	2.9	24.9	3.8	1	4	-22	1	223	72
15420 BUCURESTI BANEASA	4430N	02608E	91		1003.0	1013.5	22.8	.8	18.2	.5	8	69	5	4	266	92
15450 CRAIOVA	4419N	02352E	195		990.4	1012.9	22.9	1.0	19.7	1.9	8	47	-8	3	258	82
15480 CONSTANTA	4413N	02839E	14		1001.7	1010.1	24.5	2.5	23.0	3.2	10	52	22	5	297	93
BULGARIA																
15502 VIDIN	4359N	02251E	595			1012.9	24.1		21.8		3	27		3	330	105
15552 VARNA	4312N	02757E	43		1006.8	1011.4	23.8	1.8	22.2	3.0	12	99	62	6	330	117
15614 SOFIA (OBSERV.)	4239N	02323E	595		946.2	1013.0	21.2	1.4	17.1	2.7	9	53	-3	3	288	101
15730 KURDJALI	4139N	02523E	331		974.7	1011.8	22.3		18.8		8	91		5	271	85
ITALY																
16008 S. VALENTINO ALLA MUTA	4645N	01032E	1461		856.9	1530 Y	16.5		11.8		5	41	-42	1		
16022 PAGANELLA	4609N	01102E	2129		791.6	1531 Y	12.3		11.1		9	64	-31	2	277	
16033 DOBBIACO	4644N	01213E	1226		881.6	1536 Y	18.1		13.3		10	79	-30	2		
16052 PIAN ROSA	4554N	00742E	3488		671.9	3155 Z	4.4		4.6		8	32		6	249	100
16061 BRIC DELLA CROCE	4502N	00743E	710		934.1		22.5		17.7		3	22	-24	2	230	100
16088 BRESCIA/GHEDI	4525N	01017E	97		1003.2	1014.0			23.8		5	47	-25	2		
16098 TREVISO/ISTRANA	4541N	01206E	42		1009.5	1014.4	25.7		21.4		7	158	92	5		
16110 TRIESTE	4539N	01345E	4		1013.7	1014.0	25.6		21.1		7	112	41	5	301	105
16134 MONTE CIMONE	4411N	01042E	2173		788.6	1540 Y	13.1		11.8		5	55	4	3	247	108
16148 CERVIA	4413N	01218E	10		1013.0	1014.0	25.5		23.8		3	27	-44	3	337	
16153 CAPO MELE	4357N	00811E	221		989.1	1014.0	26.3		24.0		1	4	-7	3	347	118
16158 PISA/S. GIUSTO	4341N	01023E	6		1013.6	1014.0	25.3		23.5		1	84	60	6	340	108
16179 FRONTONE	4331N	01244E	574		949.4		24.8		15.2		3	53	-12	3		
16206 GROSSETO	4244N	01103E	7		1013.3	1014.0	26.1		20.7		1	5	-15	2		
16219 MONTE TERMINILLO	4228N	01259E	1875		815.2	1520 Y	13.5		13.5						255	93
16224 VIGNA DI VALLE	4205N	01213E	266		982.8	1013.0	25.5		22.4		1	31	12	4	347	103
16232 TERMOLI	4200N	01500E	44		1008.3	1013.0	26.7		27.9		3	18	-6	3	329	110
16245 PRATICA DI MARE	4139N	01227E	21		1011.3	1014.0	25.7		25.5		2	10	-1	4		
16252 CAMPOBASSO	4134N	01439E	807		924.8		22.7		17.6		8	72	37	5	316	115
16253 GRAZZANISE	4103N	01404E	10		1013.0	1014.0	25.9		27.3		1	16	-2	4	327	105
16258 MONTE S. ANGELO	4142N	01557E	848		918.3		21.5		14.0		3	23	-20	3		
16280 PONZA	4055N	01257E	185		992.9	1014.0	25.5		27.8		0	0	-10	2	368	
16310 CAPO PALINURO	4001N	01516E	185		992.9	1014.0	25.2		22.8		0	0	-14	1	334	100
16325 MARINA DI GINOSA	4026N	01653E	12		1010.6	1012.0	26.7		26.5		0	0	-15	1		
16344 MONTE SCURO	3920N	01624E	1677		834.8	1524 Y	16.3		15.9		5	37	16	4	293	
16360 S. MARIA DI LEUCA	3949N	01821E	112		999.7	1013.0	25.5		20.6		1	3	-14	2	368	
16400 USTICA	3842N	01311E	243		986.9	1014.0	25.2		29.7		0	0	-3	3	353	102
16420 MESSINA	3812N	01533E	54		1007.3	1013.0	27.5		29.9		2	14	-5	3	350	106
16429 TRAPANI BIRGI	3755N	01230E	9		1013.6	1015.0	27.9		28.3		0	0	-2	3	358	103

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUANTILE	TOTAL	% of AV.
16450 ENNA	3734N	01417E	1001		908.1	1576 Y	24.5		20.1		1	2		3		
16459 CATANIA SIGONELLA	3724N	01455E	29		1010.1	1013.0	26.8		22.4		0	0	-2	3		
16480 COZZO SPADARO	3641N	01508E	51		1006.7	1013.0	27.0		29.2		0	0	-2	3	369	
16522 CAPO CACCIA	4034N	00810E	204		991.5	1015.0	24.6		25.6		0	0		5	373	105
16546 DECIMOMANNU	3921N	00858E	24		1011.7	1014.0	26.7		19.9		01	1	-2	3		
16550 CAPO BELLAVISTA	3955N	00942E	150		995.7	1013.0	27.5		26.7		01	1	-2	3	304	
MALTA																
16597 LUQA	3551N	01429E	91		1006.2	1014.5	26.7	.8	22.5	.5	0	0	-1	4	370	100
GREECE																
16622 THESSALONIKI (AIRPORT)	4031N	02258E	8		1011.9	1012.6	27.5	1.0	19.8	1.5	4	18	-7	3	353	109
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1011.0	1011.4	28.0	1.6	21.4	1.7	00	0	-7	2	397	109
16648 LARISSA (AIRPORT)	3938N	02225E	74		1003.5	1011.9	28.4	1.3	17.3	1.3	3	45	25	5	339	101
16716 ATHINAI (AIRPORT)	3754N	02344E	28		1009.1	1010.8	29.5	1.7	19.4	1.5	00	0	-5	3	373	103
16723 SAMOS (AIRPORT)	3742N	02655E	7		1006.4	1007.8	29.6	1.2	20.0	3.5	0	0	-1	3	407	110
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1009.5	1010.8	27.3	.8	20.9	1.3	0	0	-3	2	326	91
16734 METHONI	3650N	02142E	34		1003.9	1010.0	25.8	.9	24.6	1.5	00	0	-1	4	379	105
16746 SOUDA (AIRPORT)	3529N	02407E	151		993.2	1010.4	27.8	1.4	19.6	2.4	00	0	-1	5	384	103
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1005.4	1009.9	27.4	1.3	23.7	4.2	00	0	-1	5	390	105
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		995.3		23.9	2.4	22.9	4.4	4	9	-71	1	330	100
17030 SAMSUN	4117N	03618E	4		1010.4		25.5	2.8	24.8	4.3	5	20	-8	3	238	95
17034 GIRESUN	4055N	03823E	37		1005.5		25.3	2.9	21.3	.3	4	14	-61	1		
17040 RIZE	4102N	04031E	9		1009.0		25.9	3.7	26.4	5.2	12	189	54	5	146	95
17050 EDIRNE	4140N	02634E	51		1006.4		24.7	.5	21.0	4.6	6	80	54	5	318	95
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1009.0		25.7	2.5	23.6	3.9	5	43	24	5		
17074 KASTAMONU	4122N	03347E	800		921.3		21.4	1.7	17.1	3.7	8	42	9	4	246	75
17084 CORUM	4033N	03457E	776		923.0		23.6	3.0	18.8	5.9	1	18	-1	3	320	105
17090 SIVAS	3945N	03701E	1285		868.9		22.9	3.2	14.7	3.1	0	0	-9	2	383	100
17092 ERZINCAN	3942N	03931E	1154		875.2		26.3	2.7	16.8	4.1	4	19	9	5	323	90
17096 ERZURUM	3957N	04110E	1758		822.4		19.5	.0	11.1	-4	8	56	29	5	308	85
17098 KARS	4033N	04305E	1795		822.6		20.8	3.5	15.5	2.7	8	122	73	5	230	70
17112 CANAKKALE	4008N	02624E	6		1011.4		26.1	1.6	21.2	1.4	3	17	0	4	316	80
17116 BURSA	4011N	02904E	100		999.0		25.4	1.3	21.3	3.8	3	25	9	4	309	90
17130 ANKARA/CENTRAL	3957N	03253E	891		910.7		25.7	2.8	14.5	2.6	3	26	13	5	290	75
17155 KUTAHYA	3925N	02958E	969		903.3		23.0		15.6		2	4		2	320	100
17170 VAN	3827N	04319E	1669		828.8		24.0	2.1	10.2	-1.5	0	0	-4	1	397	100
17188 USAK	3841N	02924E	919		907.4		24.5	1.4	13.4	-1.2	2	6	-11	3		
17190 AFYON	3845N	03032E	1034		895.8		24.0	2.3	13.6	1.4	2	14	-2	3	292	80
17199 MALATYA/BOLGE	3821N	03819E	948		901.1		30.1		10.9		0	T		4	378	95
17210 SIIRT	3755N	04157E	896		905.4		31.7	1.3	10.9	.1	0	0	-1	4	374	95
17220 IZMIR/GUZELYALI	3826N	02710E	29		1005.7		28.8	1.3	18.4	-2	0	0	-7	4	370	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	QUANTILE	TOTAL	% of AV.
17240 ISPARTA	3745N	03033E	997		899.1		24.4	1.2	15.0	2.7	3	40	29	5	300	80
17244 KONYA	3758N	03233E	1032		895.1		26.2	2.9	12.3	.2	1	2	-5	3	313	85
17250 NIGDE	3758N	03441E	1210		876.5		25.6	3.6	12.8	1.6	2	3	-2	3	368	95
17255 KAHRAMANMARAS	3736N	03656E	572		938.8		29.3	1.4	23.1	5.3	0	0	-2	4	335	105
17270 SANLIURFA	3708N	03846E	549		939.7		34.0	2.5	13.1	.6	0	0	-2	5	376	95
17280 DIYARBAKIR	3753N	04012E	687		927.1		32.3	1.2	9.1	-3.1	0	0	-1	4	361	90
17285 HAKKARI	3734N	04346E	1728		823.0		26.4	1.7	14.6	3.7	0	0	-3	4	388	100
17292 MUGLA	3713N	02822E	646		935.6		26.7	.8	16.0	2.2	1	9	0	4	329	90
17300 ANTALYA	3652N	03044E	64		1001.4		27.6	-5	27.6	6.4	0	0	-5	4	267	70
17340 MERSIN	3648N	03438E	3		1005.0		28.9	1.5	30.0	1.9	1	11	-2	5	313	100
17351 ADANA/BOLGE	3659N	03521E	27		1001.9		28.5		30.2		0	T		4	298	85
CYPRUS																
17609 LARNACA AIRPORT	3453N	03338E	2		1005.8	1006.1	27.8	1.2	28.6		0	0	0		407	105
RUSSIAN FEDERATION (EUROPE)																
22113 MURMANSK	6858N	03303E	51		1007.1	1013.2	14.0	1.4	12.7	2.1	16	103	42	5	195	83
22165 KANIN NOS	6839N	04318E	49		1008.5	1014.6	9.2	.2	10.8	.8	11	44	9	4	65	28
22217 KANDALAKSHA	6709N	03221E	25		1010.8	1013.9	16.3	1.9	13.6	1.7	14	45	-21	3	250	90
22235 KRASNOSCEL'E	6721N	03703E	156		995.7	1014.1	16.6		13.6		12	77			269	105
22471 MEZEN'	6552N	04413E	19		1013.6	1016.3	17.6		14.8		9	63		4	309	110
22520 KEM'-PORT	6459N	03448E	8		1013.6	1014.5	18.4		15.5		8	31		2	339	115
22550 ARHANGEL'SK	6433N	04035E	4		1015.0	1016.0	20.0	4.3	17.6	4.3	11	103	42	5	338	112
22619 PADANY	6316N	03325E	128		1000.1	1015.2	21.2		16.7		4	36		1	361	
22641 ONEGA	6354N	03807E	13		1014.1	1015.6	21.5	5.3	17.3	4.1	8	57	-6	1	355	115
22676 SURA	6335N	04538E	62		1008.9	1016.2	20.3		15.2		6	39		1		
22768 SHENKURSK	6206N	04254E	45		1011.4	1016.7	22.7		16.5		4	19		0	393	135
22802 SORTAVALA	6143N	03043E	19		1013.9	1016.1	21.6	5.1	19.2	5.5	5	66	10	4	392	131
22820 PETROZAVODSK	6149N	03416E	110		1003.0	1015.9	22.3	6.3	18.2	5.0	5	40	-30	1	389	136
22837 VYTEGRA	6101N	03627E	56		1009.8	1016.4	23.1	6.5	18.7	4.6	7	53	-15	3	355	123
26063 ST.PETERSBURG (VOEJKOVO)	5958N	03018E	6		1015.0	1015.7	24.4	6.7	19.3	4.8	6	61	-16	2	349	131
26157 GDOV	5844N	02750E	40		1011.1	1015.7	22.8		19.7		3	7			378	
26275 STARAYA RUSSA	5801N	03119E	25		1013.0	1015.8	23.7		20.0		5	39			407	140
26359 PUSKINSKIE GORY	5701N	02854E	108		1003.3	1015.8	22.9		19.4		9	58				
26781 SMOLENSK	5445N	03204E	239		987.6	1014.8	22.8	6.0	18.2	3.3	5	30	-65		359	139
26997 TRUBCHEVSK	5235N	03346E	178		993.4	1013.8	24.0		18.0		8	48		2		
27037 VOLOGDA	5919N	03955E	130		1002.4	1017.4	23.0	6.0	18.7	3.9	3	9	-68	1	344	126
27051 TOT'MA	5953N	04245E	134		1001.9	1017.5	22.5	5.8	20.6	6.3	3	19	-61	1	367	135
27333 KOSTROMA	5744N	04047E	126		1002.7	1017.3	24.6	6.7	18.2	3.3	1	3	-79	0	386	137
27459 NIZHNIJ NOVGOROD	5616N	04400E	157		998.6	1016.6	25.6		17.6		1	4		0		
27595 KAZAN'	5536N	04917E	116		1002.6	1016.2	25.9	6.3	14.3	-1.1	4	14	-54	1	431	148
27612 MOSKVA	5550N	03737E	156		998.1	1016.0	26.0	7.8	19.7	4.8	2	12	-81			
27648 ELAT'MA	5457N	04146E	136		1000.2	1015.7	25.5	7.0	17.7	2.2	1	2	-83	0	369	131
27675 PORETSKOE	5511N	04620E	136		1000.3	1016.0	25.4		15.2		2	2		1	401	145
27707 SUHINICHI	5406N	03521E	238		987.6	1014.8	23.9		17.5		4	35				

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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.
27823 PAVELETS	5347N	03915E	209		991.2	1014.8	25.8	7.6	15.3	.4	3	10		1	341	126
27857 ZAMETCHINO	5329N	04238E	131		999.4	1014.3	26.9		17.8		2	5		0	394	140
27995 SAMARA (BEZENCHUK)	5259N	04926E	46		1009.1	1014.4	26.8		14.2		3	4		0	413	140
34110 BOGORODITSKOE-FENINO	5110N	03721E	226		987.2	1013.0	24.3		16.7		9	81		3	319	
34123 VORONEZ	5142N	03913E	149		996.5	1013.5	26.4		23.5		3	33		1		
34152 BALASHOV	5133N	04309E	159		995.2	1013.2	27.4		14.5		3	23		1		
34163 OKTJABR'SKIJ GORODOK	5138N	04527E	201		990.8	1013.6	26.7		14.2		4	17		1	387	126
34186 ERSHOV	5122N	04818E	111		1000.4	1013.0	28.0		12.0		3	8		1	385	120
34579 VERHNIJ BASKUNCHAK	4813N	04644E	34		1007.1	1011.1	30.1		13.7		2	13		3		
34720 TAGANROG	4712N	03854E	32		1006.9	1010.6	27.2		20.3		3	42			317	
34740 GIGANT	4631N	04121E	79		1001.2	1010.1	27.2		17.0		4	54			311	
34866 YASHKUL'	4611N	04521E	-7		1011.3	1010.5	29.9	4.3	14.0	-1.8	5	16	-14			
34927 KRASNODAR-KRUGLIK	4503N	03902E	29		1006.4	1009.7	26.8		22.4		5	19		2	301	100
34949 STAVROPOL'	4507N	04205E	452		958.2	1009.6	24.7		18.2		4	69			330	
37001 ANAPA	4453N	03717E	32		1005.8	1009.5	25.6		23.9		6	35		4	331	100
37061 BUDENNOVSK	4447N	04408E	136		994.0	1009.3	27.5		18.3		9	78			328	
37107 KRASNAYA POLYANA	4341N	04012E	569		946.0	1009.2	22.7		20.8		9	104			278	
37126 SHADZHATMAZ	4344N	04240E	2056		796.4	1502 Y	14.2		13.7		8	53			243	
37228 VLADIKAVKAZ	4303N	04439E	703		931.3	1008.4	23.3		20.1		10	86		3	258	
37470 DERBENT	4204N	04818E	-18		1011.8	1009.6	27.5		23.3		3	50		5	327	120
37472 MAHACHKALA	4250N	04733E	32		1008.9	1011.0	27.1	2.3			2	4	-22	1	335	119
37663 AHTY	4128N	04745E	1015		898.8	1470 Y	13.6		11.8		12	97		5	239	100
ARMENIA																
37789 YEREVAN/YEREVAN-ARABKIR	4008N	04428E	1140		885.8		27.0	1.0			3	25	15	5	354	103
AZERBAIJAN																
37661 SHAKI	4113N	04710E	641		938.4	1008.5	26.6	2.6	18.2	1.6	5	142	81			
37735 GANDJA	4043N	04625E	311		973.1	1007.7	27.9	2.5	18.4	.5	4	44	21		320	
37747 EVLAKH AIRPORT	4037N	04709E	15		1007.5	1009.2	30.1	2.3	19.7	1.1	4	44	22		111	40
37860 MASHTAGA	4032N	05000E	28		1005.4	1008.6	28.4	4.4	20.7	-1	01	1	-1		302	97
37989 ASTARA	3827N	04853E	-22		1012.0	1009.5	28.3	4.1	23.8	2.8	1	18	-16		342	120
BELARUS																
26554 VERHNEDVINSK	5549N	02757E	132		999.8	1015.1	22.3		19.5		7	52		2	331	
26666 VITEBSK	5510N	03013E	176		994.9	1014.8	23.4	6.3	18.6	4.0	2	36	-56	1		
26825 GRODNO	5336N	02403E	134		997.1	1014.2	21.9		19.1		5	17		0		
26850 MINSK	5356N	02738E	231		988.7	1014.1	22.6	5.3	19.4	5.4	11	95	7	4	268	104
26863 MOGILEV	5357N	03004E	192		992.1	1014.0	22.8	5.5	18.9	4.4	7	67	-18	3		
26941 BARANOVICHI	5307N	02600E	193		991.9	1014.2	22.0		19.1		10	76		4		
26951 SLUTSK	5302N	02733E	162		995.1	1013.8	22.2		19.8		9	58		3		
33008 BREST	5207N	02341E	146		997.5	1014.4	22.3	4.3	17.6	3.1	9	77	-3	3	262	101
33019 PINSK	5207N	02607E	142		997.5	1013.9	22.9		20.5		7	68		3	294	115
33036 MOZYR	5157N	02910E	190		991.7	1013.2	23.5		18.9		7	92		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.
33038 VASILEVICH	5215N	02950E	142		997.0	1013.3	23.0	4.9	18.9	3.9	7	68	-20	2	296	109
33041 GOMEL	5224N	03057E	126		998.7	1013.2	24.5	6.1	18.9	4.0	9	125	43	5	303	116
ESTONIA																
26038 TALLINN	5923N	02435E	34		1010.9	1014.8	21.5	5.2	18.5	4.3	8	147	68	5	360	129
26214 VILSANDI	5823N	02149E	6		1014.1	1014.8	21.1	4.9	19.5	4.7	7	50	-1	3	348	115
26242 TARTU	5818N	02644E	68		1006.9	1015.1	22.6	6.1	18.5	4.4	7	44	-27	1	360	136
GEORGIA																
37279 ZUGDIDI	4231N	04153E	118		995.7	1009.0	25.2		27.3		6	73				
37395 KUTAISI	4216N	04238E	114		996.7	1009.7	26.1		23.3		10	77				
37432 PASANAURI	4221N	04442E	1070		893.6	1502 Y	20.5		13.5		8	49				
37484 BATUMI	4139N	04138E	2		1008.4	1009.3	25.2		26.1		9	129				
37545 TBILISI	4145N	04446E	427		960.6	1008.0	27.0		21.2		5	53				
37621 BOLNISI	4127N	04433E	534		949.4	1008.0	27.1		20.7		5	22				
KAZAKHSTAN																
34398 ZHALPAKTAL	4940N	04929E	10		1009.9	1011.1	29.8	5.7	12.5	-1.1	0	0	-22	0	401	126
34691 NOVYJ USHTOGAN	4754N	04848E	-10		1011.4	1010.3	29.9		11.8		1	6				
LATVIA																
26346 ALUKSNE	5726N	02702E	193		992.2	1015.2	21.9		18.6		8	59			377	145
26406 LIEPAJA	5629N	02101E	7		1014.8	1015.4	20.6	4.2	18.5	4.5	7	96	22		331	119
26544 DAUGAVPILS	5552N	02637E	122		1000.5	1014.9	21.7	4.8	19.1	5.1	9	100	17		340	133
LITHUANIA																
26509 KLAIPEDA	5544N	02104E	7		1014.0	1014.9	20.9	4.3	20.9	5.8	8	62	-12	3	318	116
26524 SIAULIAI	5556N	02319E	107		1002.3	1014.7	21.6	4.9	19.1	4.9	12	126	52	5		
26629 KAUNAS	5453N	02350E	77		1005.9	1014.8	21.9	5.0	19.7	4.9	12	101	21	4	310	121
26730 VILNIUS	5438N	02506E	162		996.5	1014.6	21.8	4.9	20.3	6.3	14	208	130	5	287	131
REPUBLIC OF MOLDOVA																
33748 CORNESTI	4720N	02805E	232		985.5	1012.2	22.6		20.0		7	81		3		
33815 CHISINAU	4701N	02859E	173		991.9	1011.3	23.3	2.4	19.3	3.8	7	71	2	3	330	110
33829 TIRASPOL	4654N	02936E	40		1006.7	1011.4	23.4		20.8		9	86		4	316	105
33883 KOMRAT	4618N	02838E	133		996.0	1011.6	23.7		19.1		7	50		3		
UKRAINE																
33177 VOLODYMYR-VOLYNS'KYI	5050N	02419E	194		991.6		21.6		18.1		8	58		2		
33275 SUMY	5051N	03440E	181		991.6		24.8	5.7	18.4		6	106	29	4		
33301 RIVNE	5035N	02608E	231		987.3		21.9	4.2	19.4		8	100	16	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.
33345 KIEV	5024N	03034E	167		993.5		24.4	5.1	19.0	3.5	11	104	16	4		
33377 LUBNY	5000N	03301E	158		994.2		25.0	5.3	18.3		6	49	-26	2		
33393 L'VIV	4949N	02357E	323		977.4		20.5	3.2	18.3	3.6	10	80	-22	2	236	93
33415 TERNOPIL'	4932N	02540E	329		976.2		20.9	3.6	18.7		10	109	17	4		
33429 KHMEL'NYT'SKYI	4926N	02659E	350		973.6		21.3	3.3	19.1		8	46	-61	1		
33506 POLTAVA	4936N	03433E	160		993.6		24.8	4.7	19.0	3.9	6	64	-7	3		
33526 IVANO-FRANKIV'SK	4858N	02424E	280		982.0		20.9	3.0	19.1		7	205	102	6		
33562 VINNYTSIA	4914N	02836E	298		978.8		22.2	4.0	19.0	3.9	8	102	9	4	312	117
33587 UMAN'	4846N	03014E	216		987.7		23.0	4.1	19.8	4.2	9	59	-28	2		
33631 UZHGOROD	4838N	02216E	124		1000.5		21.8	1.9	19.2	3.9	11	130	45	5	284	104
33658 CHERNIVTSI	4822N	02554E	246		985.5		21.6	2.9	19.1	3.8	7	74	-29	2	278	113
33711 KIROVOHRAD	4831N	03212E	171		992.1		23.8	3.8	19.8		9	145	73	5		
33761 LIUBASHIVKA	4751N	03016E	183		990.6		23.2	3.2	19.9		4	32	-49	1		
33777 VOZNESENS'K	4734N	03120E	34		1007.5		25.1		21.1		6	67		4		
33791 KRYVYI RIH	4802N	03313E	124		997.0		24.1	3.0	20.5		10	84	30	5	304	100
33837 ODESA	4626N	03046E	42		1006.2		24.5	3.0	21.6	4.6	4	101	52	5	347	111
33889 IZMAIL	4522N	02851E	30		1008.2		24.2	2.4	19.7	2.9	8	83	32	5	311	100
33902 KHERSON	4638N	03234E	54		1004.0		24.7	2.8	20.9		6	39	-10	3	296	90
33915 ASKANIJA-NOVA	4627N	03353E	30		1007.1		24.7	2.4	21.1	5.9	5	71	29	5	309	98
33946 SIMFEROPOL'	4441N	03408E	181		989.8		23.8	2.4	21.2	5.5	8	98	43	5	356	104
33998 AI-PETRI	4426N	03405E	1180		882.1		17.9	2.8	13.3		8	44	-11	3	308	90
34300 KHARKIV	4958N	03608E	155		994.4		25.7	5.4	17.1	1.9	6	61	1	3	294	108
34415 IZIUM	4911N	03718E	78		1002.8		24.4		19.4		6	164		6		
34504 DNIPROPETROV'SK	4836N	03458E	143		994.5		24.8	3.6	20.4		8	69	13	3	285	95
34519 DONETS'K	4804N	03746E	225		985.8		25.4	4.6	17.4		5	40	-8	2		
34523 LUHANS'K	4834N	03915E	62		1004.4		25.9	4.2	18.6		7	48	-3	3	311	100
34712 MARIUPOL'	4702N	03730E	70		1002.5		25.8		21.6		5	41		3		
SYRIAN ARAB REPUBLIC																
40001 KAMISHLI	3703N	04113E	455		949.7	998.2	31.8	-4	8.3	-1.7	0	0	-1			
40007 ALEPPO INT. AEROPORT	3611N	03712E	393		960.2	1002.4	29.7	1.4	16.9	.9	0	0	-1			
40022 LATTAKIA	3532N	03546E	7		1005.2	1006.0	27.4	1.1	27.4	1.7	0	0	-1		312	96
40030 HAMA	3507N	03645E	303		969.6	1003.3	29.8	1.6	17.1	3.4	0	0	-1			
40045 DEIR EZZOR	3519N	04009E	215		978.7	1001.3	34.5	1.9	14.3	3.1						
40061 PALMYRA	3433N	03818E	408		957.3	1001.3	30.9	1.5	14.8	1.7	0	0	0		394	103
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		936.8	1003.1	28.8	2.5	14.9	1.7	0	0	0		386	106
ISRAEL																
40179 BET DAGAN	3200N	03449E	35		1003.8	1007.4	27.3	2.2	24.3		0	0		5	357	97
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1002.9	1007.6	27.6		24.5		0	0		5		
40199 EILAT	2933N	03457E	12		1003.1	1005.2	34.1	1.7	16.7		0	0		5	360	95
JORDAN																
40250 H-4 'IRWAISHED'	3230N	03812E	683		928.4	1001.5	31.4		13.7		0	0			377	

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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.
40265 MAFRAQ	3222N	03615E	683		932.0	1007.2	26.2		16.1		0	0			358	
40296 GHOR SAFI	3102N	03528E	-350		1046.2	1006.5	35.1		23.8		0	0			351	
40310 MA'AN	3010N	03547E	1069		889.8	1472 Y	28.2	2.7	12.5	.9	0	0	0		357	93
ASIA																
RUSSIAN FEDERATION (ASIA)																
20046 POLARGMO IM. E.T. KRENKELJA	8037N	05803E	22		1005.7	1008.8	.5	-3	5.8	-1	4	8			76	44
20069 OSTROV VIZE	7930N	07659E	10		1006.8	1008.1	.2	-3	6.0	.0	5	10			82	66
20087 OSTROV GOLOMJANNYJ	7933N	09037E	8		1005.7	1006.7	.0		6.0		5	13			105	70
20292 GMO IM.E.K. FEDOROVA	7743N	10410E	15		1003.7	1005.5	1.4	.1	6.5	.2	11	51	21	0	50	31
20476 MYS STERLEGOVA	7525N	08854E	11		1006.1	1007.5	2.1		6.8		8	37				
20667 IM. M.V. POPOVA	7320N	07003E	7		1009.9	1010.6	3.9		7.4		11	47			189	
20674 OSTROV DIKSON	7330N	08024E	47		1002.8	1008.5	3.6	-8	7.5	-2	6	40	2	3	112	50
20744 MALYE KARMAKULY	7222N	05242E	15		1010.8	1012.5	6.0	-9	8.2	.0	16	88	47		94	41
20891 HATANGA	7159N	10220E	33		1001.8	1005.7	12.5	.0	11.1	1.3	8	37	5	3	262	85
20982 VOLOCHANKA	7058N	09430E	40		1001.9	1006.4	11.0		11.0		13	73		5	160	
21432 OSTROV KOTEL'NYJ	7600N	13750E	8		1005.0	1006.8	5.0	2.5	7.5	.7	6	24	-7		173	103
21802 SASKYLAH	7158N	11400E	18		1004.2	1006.4	14.0		11.2		4	15			203	
21908 DZALINDA	7008N	11350E	62		998.9	1006.0	15.1		11.6		15	62			261	80
21921 KJUSJUR	7041N	12720E	33		1002.6	1006.6	17.0		12.5		9	84				
21946 CHOKURDAH	7037N	14750E	61		1002.1	1009.3	15.5	6.0	12.0	2.9	2	8	-29		371	139
21982 OSTROV VRANGELJA	7059N	17820E	5		1010.9	1011.5	2.7	.2	6.5	.0	4	18	-4		266	118
23022 AMDERMA	6945N	06142E	49		1007.2	1013.0	6.9		9.2		9	37			229	
23032 MARESALE	6943N	06648E	25		1008.8	1011.8	5.2		8.3		7	50			197	135
23058 ANTIPAJUTA	6905N	07651E	3		1006.5	1008.9	9.6		9.7		7	50				
23074 DUDINKA	6924N	08610E	19		1004.4	1006.7	11.6	-2.2	10.8	-3	14	107	62	5	176	57
23205 NAR'JAN-MAR	6738N	05302E	12		1013.5	1014.9	13.0	-3	11.0	-2	7	46	-2	2	219	83
23242 NOVYJ PORT	6741N	07253E	12		1009.0	1010.5	9.9		9.7		5	14			86	60
23256 TAZOVSKOE	6728N	07844E	8		1005.6	1009.0	11.6		10.7		10	62			208	
23274 IGARKA	6728N	08634E	31		1004.1		12.9		11.4		12	86		4	181	55
23324 PETRUN'	6626N	06046E	62		1007.8	1015.3	12.9		11.0		10	69		4	255	90
23330 SALEHARD	6632N	06640E	16		1011.0	1013.0	13.3	-1.1	10.0	-2.0	4	24	-45		319	104
23383 AGATA	6653N	09328E	278		974.0	1007.0	12.4		10.7		15	84		5		
23405 UST'-CIL'MA	6526N	05216E	68		1006.9	1016.4	16.2	.9	12.9	.3	11	48	-18	2	298	108
23445 NADYM	6528N	07240E	19		1008.6	1011.0	12.8		10.8		11	78				
23463 YANOV-STAN	6559N	08416E	40		1003.8	1008.5	12.6		11.6		7	65		4		
23472 TURUHANSK	6547N	08756E	38		1002.9	1007.4	13.6	-3.0	10.9	-1.8	15	87	26	5	195	61
23552 TARKO-SALE	6455N	07749E	27		1006.3	1009.6	13.1	-3.2	11.9	-8	11	101	38	6	215	73
23631 BEREZOVO	6356N	06503E	32		1009.9	1013.8	15.7	-1.0	11.3	-2.6	8	23	-45	1	345	111
23662 TOL'KA	6359N	08205E	33		1004.8	1009.0	13.4		11.6		9	51			232	
23678 VERHNEIMBATSK	6309N	08757E	46		1002.5	1007.8	12.5		12.6		11	64		3		
23711 TROICKO-PECHERSKOE	6242N	05612E	139		1000.5	1016.8	17.9	1.4	13.0	-4	6	17	-55	1	352	124
23724 NJAKSIMVOL'	6226N	06052E	51		1008.8	1014.9	17.3	.3	12.3	-1.3	4	15	-61		336	115

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
23734 OKTJABR'SKOE	6227N	06603E	72		1004.6	1013.2	16.0		12.2		8	32			289	
23867 LAR' YAK	6106N	08015E	57		1002.0	1008.7	15.4		15.4		14	54			237	
23884 BOR	6136N	09001E	58		1000.9	1008.0	16.1	-2.0	12.7	-1.1	13	80	14	4	275	92
23891 BAJKIT	6140N	09622E	262		977.4		16.1	-.9	12.9	.5	13	119	66	5	254	88
23914 CHERDYN'	6024N	05631E	207		992.8	1016.9	19.4	2.0	12.9	-.7	5	29	-57	1	410	142
23921 IVDEL'	6041N	06027E	95		1004.2	1015.3	18.3	.9	12.5	.1	3	20	-69	0	350	124
23933 HANTY-MANSIJSK	6101N	06902E	46				16.0	-2.1	13.8	-1.0	10	51	-30		272	89
23955 ALEKSANDROVSKOE	6026N	07752E	48		1003.6	1009.4	16.0	-2.1	13.2	-1.8	12	95	32		277	91
23966 VANZIL'-KYNAN	6021N	08405E	99		996.8	1008.6	15.0		13.0		16	167			206	75
23986 SEVERO-ENISEJSK	6023N	09320E	519		948.8	1007.6	14.4		12.2		20	118		6		
24125 OLENEK	6830N	11220E	220		980.3	1005.9	16.6	1.7	11.1	.9	8	78	28		309	93
24136 SUHANA	6837N	11820E	77		997.2	1006.2	18.1		12.8		6	64			320	90
24143 DZARDZAN	6844N	12400E	39		1001.9	1006.4	18.5	3.9	14.7	3.5	7	126	86			
24266 VERHOJANSK	6733N	13320E	137		991.0	1006.9	20.8	5.6	14.0	3.8	3	26	-10		361	110
24329 SHELAGONTSY	6615N	11410E	236		978.9	1006.3	16.9	2.4	12.2	1.8	10	35	-22			
24343 ZHIGANSK	6646N	12320E	92		995.5	1006.2	19.1	3.2	14.3	2.9	7	93	46		360	101
24382 UST'-MOMA	6627N	14310E	196		984.5	1007.0	21.4		13.3		6	23			410	130
24507 TURA	6416N	10010E	168		984.8	1006.5	16.6	.1	11.6	-2	7	31	-31	1	263	91
24606 KISLOKAN	6335N	10350E	211		981.6	1006.2	16.2		12.4		6	43		3	266	90
24641 VILJUJSK	6346N	12130E	111		993.6	1006.4	20.2	2.1	14.0	3.1	8	64	18		337	99
24661 SEGEN-KYUEL'	6400N	13010E	208		982.9	1007.0	19.9		15.4		10	163				
24671 TOMPO	6357N	13550E	402		959.3	1007.4	19.7		14.0		5	14			365	125
24688 OJMJAKON	6315N	14300E	741		925.1	1008.1	18.7	4.9	11.1	1.6	4	23	-27		412	138
24713 NAKANNO	6253N	10820E	246		977.3	1005.8	17.5		13.6		9	84			295	
24738 SUNTAR	6209N	11730E	133		990.0	1006.0	19.5	2.0	15.3	3.3	8	104	53		330	102
24790 SUSUMAN	6247N	14810E	655		935.5	1009.3	18.3		12.1		6	34			401	
24817 ERBOGACEN	6116N	10800E	291		972.4	1006.0	17.6	.6	13.6	1.2	10	87	42		263	83
24908 VANAVARA	6020N	10210E	260		976.4	1006.5	18.3	1.1	13.6	.9	13	74	17	4	271	92
24959 JAKUTSK	6201N	12940E	101		994.9	1006.6	21.7	3.0	15.1	2.6	7	30	-9		375	108
24966 UST'-MAJYA	6023N	13420E	170		988.1	1007.8	20.7	2.9	16.0	2.8	3	33	-20		354	111
24967 TEGYULTYA	6028N	13000E	171		988.2	1008.0	20.2		15.8		6	36				
25062 MYS BILLINGSA	6953N	17540E	3		1010.8	1011.2	4.5		7.6		6	14				
25138 OSTROVNOE	6807N	16410E	94		998.2	1009.4	18.1		12.7		3	10			356	
25173 MYS SHMIDTA	6854N	17920W	4		1011.1	1011.5	4.5	.2	7.4	.2	5	15	-21			
25206 SREDNE-KOLYMSK	6727N	15340E	21		1006.8	1009.2	20.0				5	23				
25248 ILIRNEJ	6715N	16750E	353		968.5	1009.4	17.1	5.0	11.1	1.6	3	9	-37		325	124
25282 MYS VANKAREM	6750N	17050W	5		1011.2	1011.8	4.7		7.7		4	7			192	
25325 UST'-OLOJ	6633N	15920E	127		994.7	1009.6	18.7	5.7	13.2	3.1	4	12	-39		349	
25356 EN' MUVEEM	6623N	17320E	77		1001.3	1010.5	15.4		11.9		3	25			315	
25378 EGVEKINOT	6621N	17900W	26		1008.9	1012.0	11.4		9.9		8	24				
25399 MYS UELEN	6610N	16950W	3		1011.2	1012.1	5.4	-.9	7.9	-.6	7	44	4		190	90
25400 ZYRYANKA	6544N	15050E	43		1003.4	1008.4	21.5	6.2	16.4	4.9	7	24	-23		392	129
25428 OMOLON	6514N	16030E	264		978.7	1008.7	19.6		13.2		5	14			371	
25503 KORKODON	6445N	15350E	98		997.4	1008.9	20.9		14.5		0	0			401	
25551 MARKOVO	6441N	17020E	26		1007.1	1009.9	17.2	3.4			5	27	-27		325	122
25563 ANADYR'	6447N	17730E	61		1004.3	1011.6	13.3	2.7	11.6	1.3	1	6	-33		328	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	QUINTILE	TOTAL	% of AV.
25594 BUHTA PROVIDENJA	6425N	17310W	40		1007.3	1012.1	9.2	.6	8.9	-3	2	6	-56			
25677 BERINGOVSKAJA	6303N	17910E	82		1011.4	1012.0	11.8		11.3		1	9				
25705 SREDNIKAN	6227N	15210E	260		978.5	1008.3	20.9		14.4		5	16			367	
25927 BROHOVO	5939N	15410E	5		1012.3	1013.0	14.5		13.6		2	20		0	359	
25932 TAJGONOS	6041N	16020E	30		1010.2	1013.9	11.5		10.4		1	4			279	
25954 KORF	6021N	16600E	4		1013.7	1014.1	15.7	3.9	13.7	2.4	2	14	-42	1	340	181
28009 KIRS	5922N	05213E	169		998.1	1017.7	20.7		15.1		2	32		1		
28064 LEUSI	5937N	06543E	72		1005.7	1014.3	17.6	-9	12.9	-1.6	7	34	-40	1	295	97
28138 BISER	5831N	05851E	463		962.5	1015.9	19.2	3.2	11.8	-1.5	3	21	-82	1	405	139
28224 PERM'	5801N	05618E	171		996.5	1016.4	20.3		14.0		2	11			385	125
28255 TURINSK	5803N	06341E	103		1002.3	1014.4	18.7		14.3		3	21		1	314	110
28275 TOBOL'SK	5809N	06815E	50		1007.2	1012.7	17.5	-1.2	14.1	-1.3	5	20	-53	1	305	102
28418 SARAPUL	5628N	05344E	133		1001.0	1016.4	23.2		15.0		1	3		0	431	145
28434 KRASNOUFIMSK	5639N	05747E	206		991.5	1015.4	19.8	1.7	13.3	-1.6	6	19	-59	0	384	143
28493 TARA	5654N	07423E	73		1002.2	1010.8	16.9	-1.9	14.2	-9	11	58	-8	3	256	82
28552 SADRINSK	5604N	06339E	89		1003.5	1014.0	19.8	.4	12.8	-2.6	4	42	-30	1	378	127
28573 ISHIM	5606N	06926E	82		1002.4	1012.1	18.3		14.1		2	15			331	
28666 MAKUSINO	5515N	06718E	140		995.8	1011.9	19.5		12.3		3	16		1	343	
28698 OMSK	5501N	07323E	122		996.7	1011.0	17.8	-1.9	12.8	-1.9	6	20	-41		280	87
28704 CULPANOVO	5430N	05025E	78		1006.4	1015.3	24.5		14.6		2	8		0	434	140
28722 UFA-DIOMA	5443N	05550E	104		1001.8	1013.9	22.6	3.3	14.0	-1.8	3	26	-37		407	141
28748 TROIJK	5405N	06137E	192		991.3	1013.5	20.8		13.4		5	95		4	352	115
29111 SREDNY VASJUGAN	5913N	07814E	69		1001.4	1009.6	16.0		13.3		10	98			228	
29231 KOLPASEVO	5819N	08257E	75		999.8	1008.8	16.1	-2.3	13.7	-1.4	16	168	101		246	79
29263 ENISEJSK	5827N	09209E	79		998.3	1007.6	17.1	-1.4	14.9	.1	16	178	120	6	252	82
29282 BOGUCANY	5823N	09727E	133		991.5	1007.0	18.8	.2	15.0	.9	11	83	32	5	285	98
29313 PUDINO	5732N	07922E	97		997.8	1009.2	15.9		13.6		10	79			239	
29328 BAKCHAR	5705N	08155E	110		996.1	1009.2	16.0		13.4		7	30			218	
29379 TASEEVO	5712N	09433E	168		988.8	1008.3	18.1		15.3		8	88				
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		976.1	1008.2	18.4		15.2		11	104		5		
29594 TAJSHET	5557N	09800E	307		972.2	1007.4	18.9		15.5		12	62			291	
29612 BARABINSK	5520N	07822E	120		995.8	1009.9	17.2	-2.1	13.9	-1.2	7	34	-28		259	80
29645 KEMEROVO CGMS	5515N	08613E	148		991.7	1009.0	17.0		15.2		14	137			231	
29752 NENASTNAYA	5445N	08849E	1183		876.4	1433 Y	12.3		11.5		17	104		3	196	80
29789 VERHNJAJA GUTARA	5413N	09658E	984		898.5	1007.8	15.1		13.0		17	148			227	
29866 MINUSINSK	5342N	09142E	254		978.7	1008.0	19.4	-2	15.2	.4	10	89	24	4	316	127
29939 BIJSK ZONAL'NAYA	5241N	08457E	228		983.0	1009.2	18.0		15.7		14	98		5		
30054 VITIM	5927N	11230E	190		983.9	1005.9	19.2	1.7	15.5	1.4	13	105	51		297	108
30089 DZHIKIMDA	5901N	12140E	175		985.9	1006.3	18.2		14.8		6	33				
30230 KIRENSK	5746N	10800E	259		976.8	1006.8	18.9	1.2	16.1	1.7	13	79	10		271	102
30252 MAMAKAN	5749N	11410E	249		977.0	1005.6	19.4		15.7		10	65			271	
30309 BRATSK	5617N	10140E	416		959.3	1006.7	19.0	1.5	17.4	3.2	12	80	18		283	106
30372 CHARA	5654N	11810E	711		924.6	1004.1	17.6	1.7	13.8	1.2	10	126	57	5	285	115
30385 UST'-NJUKZHA	5635N	12120E	426		955.2	1001.9	18.2		16.0		12	179			237	
30433 NIZHNEANGARSK	5547N	10930E	487		951.2	1006.0	15.9	.4	14.2	1.2	5	39	-23	1	284	118
30521 ZHIGALOVO	5448N	10510E	426		958.9	1006.5	19.1	2.0	15.8	1.4	12	81	7		236	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.
30554 BAGDARIN	5428N	11330E	903		905.5	1005.3	17.5	2.6	12.3	.5	7	91	-15	3	286	119
30612 BALAGANSK	5400N	10300E	427		958.3	1006.8	19.5		17.0		9	86				
30636 BARGUZIN	5337N	10930E	489		949.6	1004.6	20.0		15.2		4	39		2	333	121
30650 ROMANOVKA	5312N	11240E	923		902.9	1004.6	18.2		13.1		9	53		1		
30673 MOGOCHA	5345N	11940E	625		933.8	1004.4	17.7	1.1	16.1	2.4	16	137	27	4	237	103
30710 IRKUTSK	5216N	10410E	469		954.3	1007.4	19.4	1.9	15.6	.8	8	43	-77		257	106
30758 CHITA	5205N	11320E	671		930.0	1004.5	20.8	3.0	14.4	.6	7	60	-43	1	320	130
30777 SRETEMSK	5214N	11740E	525		944.9	1003.8	20.1		15.1		12	87		3	285	121
30844 HILOK	5121N	11020E	802		916.7	1005.5	18.9		14.4		9	48		1		
30879 NERCHINSKIJ ZAVOD	5119N	11930E	619		934.5	1003.6	19.3	1.3	14.7	-4	10	73	-51	2	261	105
30925 KJAHTA	5022N	10620E	797		917.1	1004.9	21.0		14.6		9	45		1	272	107
30935 KRASNYY CHIKOJ	5022N	10840E	771		920.2	1005.6	19.9		13.8		6	42		1	260	115
30949 KYRA	4934N	11150E	908		905.4	1004.9	20.0	2.8	12.7	-6	9	91	-34	2	268	107
30965 BORZYA	5024N	11630E	676		929.3	1004.2	20.8	2.1	14.6	-3	7	64	-27	2	306	111
31004 ALDAN	5837N	12520E	679		929.7	1006.1	17.2	1.0	14.5	2.4	15	156	69		260	94
31088 OHOTSK	5922N	14310E	6		1012.6	1013.3	14.8	2.8	14.8	2.3	11	62	-13	3	171	96
31137 TOKO	5617N	13100E	850		911.6	1006.7	15.5		11.9		12	62				
31152 NEL' KAN	5739N	13600E	318		971.6	1008.0	18.6		14.0		7	29			255	
31168 AYAN	5627N	13800E	8		1011.6	1012.6	13.2	1.4	13.7	1.7	11	100	-47		122	80
31174 BOL'SHOJ SHANTAR	5450N	13730E	21		1010.4	1011.5	10.5		11.6		9	60			174	85
31253 BOMNAK	5443N	12850E	357		964.7	1006.5	17.4	-3	16.4	1.6	14	186	56	4	236	99
31329 EKIMCHAN	5304N	13250E	542		945.1	1006.6	16.8	-1	15.2	.5	11	134	-9	3	221	100
31369 NIKOLAEVSK-NA-AMURE	5309N	14040E	68		1002.0	1009.9	14.9	-1.7	15.3	.1	9	142	70			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1000.4	1008.7	16.2	-1.7	15.0	-5	9	99	12		127	54
31439 BOGODRSKOE	5223N	14020E	35		1005.4	1009.5	17.0		15.7		10	58				
31478 SOFIJSKIJ PRIISK	5216N	13350E	902		905.8	1005.8	14.9		14.2		21	294		6		
31707 EKATERINO-NIKOL'SKOE	4744N	13050E	73		997.1	1005.4	21.7	.6	19.5	-6	9	158	16			
31770 SOVETSKAYA GAVAN'	5100N	13950E	238		1005.8	1008.7	15.7		16.2		14	205			137	70
31829 ZOLOTOJ	4719N	13850E	26		1006.0	1009.0	15.1	1.4	16.6	2.0	12	92	-9			
31873 DAL'NERECHENSK	4552N	13340E	101		994.3	1006.3	21.8		21.7		14	161				
31960 VLADIVOSTOK	4307N	13150E	183		986.0	1007.7	18.7	1.4	20.4	1.7	18	159	41		82	67
31989 PREOBRAZHENIE	4254N	13350E	43		1003.4	1008.4	18.3		19.7		13	153				
32027 POGIBI	5213N	14130E	6		1009.3	1010.2	14.6		15.2		15	63			88	
32061 ALEKSANDROVSK-SAHALINSKIJ	5054N	14210E	31		1005.5	1009.2	15.2	.1	15.6	1.4	8	44	-18	2	106	50
32076 POGRANICHNOE	5024N	14340E	8		1009.7	1010.7	10.3		12.4		13	125		4	60	35
32098 PORONAJSK	4913N	14300E	8		1009.5	1010.4	14.2	.7	15.3	1.2	14	219	140	6	53	36
32099 MYS TERPENIYA	4839N	14440E	6		1009.4	1010.2	10.4		12.5		11	101			41	
32150 JUZHNO-SAHALINSK	4657N	14240E	24		1006.2	1009.0	16.5	1.1	16.9	1.6	13	229	142	6	106	64
32165 JUZHNO-KURIL'SK	4401N	14550E	49		1004.3	1010.1	14.2	2.1	15.7	1.9	20	210	87	5	82	80
32213 MYS LOPATKA	5052N	15640E	47		1008.2	1014.3	7.7		10.2		8	60		3	46	75
32252 UST'-VOYAMPOLKA	5830N	15910E	7		1014.1	1015.0	11.0	1.0	11.3	.3	1	19	-46	1	213	124
32287 UST'-HAJRJUZOVO	5705N	15640E	8		1013.5	1014.5	13.0		14.0		7	35		2	198	115
32389 KLJUCHI	5619N	16050E	29		1009.7	1013.1	17.5	2.8	14.6	2.1	3	33	-15	2	280	133
32477 SOBOLEVO	5418N	15550E	14		1011.0	1014.0	13.1		13.3		8	46		2	127	90
32509 SEMYACHIK	5407N	15950E	27		1011.2	1014.4	12.1		13.0		5	16		1	142	105
32618 OSTROV BERINGA	5512N	16550E	18		1013.6	1015.9	9.8	1.1	11.2	.7	5	24	-22	1	105	125

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
35011 SOROCHINSK	5226N	05308E	123		999.5	1013.5	26.4		12.4		2	18		1		
36038 ZMEINOGORSK	5109N	08212E	355		968.1	1009.0	17.2		14.7		11	99			236	
36064 YAJLJU	5146N	08736E	480		954.7	1009.7	16.2		15.0		16	204			223	
36096 KYZYL	5143N	09430E	628		935.7	1006.0	21.0		14.2		8	81		5	338	115
36229 UST'-KOKSA	5017N	08537E	978		900.3	1008.9	15.4		13.2		14	108			268	
36259 KOSH-AGACH	5001N	08841E	1759		819.3	1451 Y	15.5		9.5		6	29			323	
36307 ERZIN	5016N	09507E	1101		886.3	1459 Y	20.5		11.2		3	31		0		
KAZAKHSTAN																
28679 PETROPAVLOVSK	5450N	06909E	142		996.2	1011.9	19.2	-6	12.0	-3.1	7	17	-41	1	283	92
28766 BLAGOVESHCHENKA	5422N	06658E	151		994.5	1012.1	19.9		11.6		5	18		2		
28879 KOKSHETAY	5317N	06923E	229		984.9	1011.5	18.9	-1.3	11.4	-2.9	4	29	-39	1	351	112
28952 KOSTANAY	5313N	06337E	170		995.2	1012.8	21.2	.2	11.6	-2.9	5	40	-17		373	116
29807 IRTYSHSK	5321N	07527E	94		999.2	1010.0	19.0	-2.0	12.5	-2.2	5	43	-7			
35067 ESIL'	5153N	06620E	221		986.0	1011.4	20.8		10.3		3	9		1		
35078 ATBASAR	5149N	06822E	304		976.2	1011.1	19.9	-6	9.9	-3.3	3	11	-35	1	349	108
35108 URALSK	5115N	05117E	37		1008.2	1012.4	27.9	5.4	13.1	-1.6	2	5	-32	1	385	119
35188 ASTANA	5108N	07122E	350		970.5	1010.5	19.5	-1.8	10.6	-2.4	4	32	-17	2	349	104
35217 DZHAMBETJY	5015N	05234E	32		1007.8	1011.4	29.3		11.2		1	2				
35229 AKTOBE	5017N	05709E	219		986.8	1011.6	25.6	3.2	12.2	-1.1	1	4	-25	1	338	102
35394 KARAGANDA	4948N	07309E	553		947.1	1010.0	18.0	-2.8	10.3	-1.7	5	16	-24		254	77
35406 TAIPAK	4903N	05152E	2		1009.9	1010.1	30.6	5.4	11.4	-1.7	0	0	-15	0	416	124
35416 UIL	4904N	05441E	128		999.8	1010.7	29.2	4.3	11.1	-1.2	0	0	-19	5	407	118
35426 TEMIR	4909N	05707E	234		984.6	1011.0	26.4		10.3		1	8		1		
35576 KZYLZAR	4818N	06939E			966.6	1009.0	22.2	-1.5	12.9	1.0	2	3	-18			
35671 ZHEZKAZGAN	4748N	06743E	346		969.5	1008.6	23.3		10.2		2	4			362	
35700 ATYRAU	4707N	05155E	-22		1012.3	1010.1	30.6	4.4	13.6	-7	1	12	-3		377	110
35746 ARALSKOE MORE	4647N	06139E	62		1001.0	1008.2	28.3	1.2	13.5	.4	1	6	-3	3	398	106
35796 BALHASH	4648N	07505E	350		967.9	1007.5	22.2	-2.1	13.6	-9	6	55	37		360	95
35849 KAZALINSK	4546N	06207E	68		1000.7	1008.1	26.9	.0	12.3	-1.8	1	5	0	3	405	104
35925 SAM	4524N	05607E	88				28.7	1.1	6.7	-6.4	0	0	-10	0		
35953 DZHUSALY	4530N	06405E	103		995.6	1007.2	28.0		8.4		01	1		1		
36003 PAVLODAR	5218N	07656E	122		995.5	1009.8	19.0		12.8		10	33		3	278	85
36177 SEMIPALATINSK	5025N	08018E	196		986.6	1009.2	19.3	-2.4	13.8	-3	9	35	-1	3	292	85
36208 LENINOGORSK	5020N	08333E	811		917.3	1008.1	15.6	-1.7	13.6	.3	15	98	17	2		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		961.8	1007.6	19.5		15.8		10	186			350	110
36535 KOKPEKTY	4845N	08222E	512		950.1	1007.3	19.5	-8	11.2	-1.5	6	20	-13		337	99
36859 ZHARKENT	4410N	08004E	645		934.5	1005.3	23.7	-5	15.3	1.2	4	35	13		307	93
36870 ALMATY	4314N	07656E	851		914.2	1006.7	23.6	.0	12.4	-7	4	28	-3	2	260	85
38062 KYZYLORDA	4451N	06530E	130		992.2	1006.6	28.1	.6	10.9	-1.7	1	2	-2	3		
38069 CHILI	4410N	06645E	153		989.0	1006.3	27.0		11.6		0	0		2		
38198 TURKESTAN	4316N	06813E	207		981.1	1004.3	29.1	.5	10.9	-1	0	0	-3			
38328 SHYMKENT	4219N	06942E	604		937.9	1004.0	26.3		11.9		3	19		5	345	
38334 AUL TURARA RYSKULOVA	4229N	07018E	808		916.9	1004.8	24.3		11.6		3	29		5	131	
38341 ZHAMBYL	4231N	07123E	655		933.8	1005.4	24.6		11.7		2	17		4	365	
38343 KULAN	4257N	07245E	683		928.7	1005.6	24.0		10.9		4	12		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.
38439 CHARDARA	4122N	06800E	275		973.4	1004.0	28.7		14.3							
TAJIKISTAN																
38836 DUSHANBE	3833N	06847E	800		915.8	1002.1	25.5	-1.6	16.9	2.3	2	2	-1		96	27
TURKMENISTAN																
38388 EKEZHE	4102N	05746E	62		1002.8	1008.2	31.6		9.0		0	0			395	
38507 TURKMENBASHI	4003N	05300E	82		998.1	1007.5	31.2	3.5	15.7	-1.3	0	0	-3			
38511 CHAGYL	4047N	05520E	115		994.8	1007.6	32.1		18.9		0	0			372	
38545 DARGANATA	4028N	06217E	142		990.1	1005.4	29.0		12.5		0	0			380	
38656 ERBENT	3919N	05836E	87		996.7	1006.7	33.1	.7	9.8	-1.9	1	1	-1			
38687 CHARDZHEV	3905N	06336E	190		983.6	1005.2	29.6	.1	13.0	-8	0	0	-1		399	101
38750 ESENGYLY	3728N	05338E	-22		1010.3	1007.7	30.6	3.6	29.2	4.1	0	0	-8		351	113
38763 GYZYLARBAT	3859N	05617E	92		997.1	1006.7	33.1	1.6	12.9	-4.3	1	4	-6		376	107
38880 ASHGABAT KESHI	3755N	05808E	312		972.2	1006.6	30.8	-1	11.8	-3.2	2	7	4		338	96
38895 BAJRAMALY	3736N	06211E	240		979.1	1005.6	31.5	.8	12.1	1.1	0	0	0		369	99
38974 SARAGT	3632N	06113E	275		974.4	1004.9	31.6	.8	10.3	.4	0	0	-1		392	104
UZBEKISTAN																
38178 AK-BAJTAL	4309N	06420E	234		980.5	1006.2	29.6	-1	9.5	-2.2	0	0	-4	0	397	101
38262 CHIMBAJ	4257N	05949E	66				28.4	1.1	15.9	-4	1	6	3	5	336	90
38396 URGENCH	4134N	06034E	101		996.1	1007.5	28.4		15.4		0	0		4		
38403 BUZAUBAJ	4145N	06228E	98		994.7	1005.6	32.1		14.6		0	0		4		
38413 TAMDY	4144N	06437E	237		979.8	1006.2	31.2	.3	8.8	-2.3	0	0	-3	4	381	99
38457 TASHKENT	4116N	06916E	488		950.2	1003.9	27.3	-3	13.4	-3	2	4	0	4	384	100
38611 NAMANGAN	4059N	07135E	474		953.2	1005.0	28.1		16.6		0	0		1	355	100
38618 FERGANA	4022N	07145E	577		939.9	1002.7	27.3	.3	18.6	2.7	1	4	-1	3	346	96
38683 BUHARA	3943N	06437E	226		979.0	1004.2	29.6		15.4		0	0		4		
38696 SAMARKAND	3934N	06657E	724		924.7	1003.0	27.1	.9	15.5	2.1	0	0	-4	3	338	85
38812 KARSHI	3848N	06543E	376		960.9	1002.1	29.8		13.2		0	0		3		
38927 TERMEZ	3714N	06716E	310		967.5	1001.7	30.4	.6	15.2	.0	0	0	0	0	412	107
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	855		910.9	1463 Y	31.4		10.6		0	0			380	
40357 ARAR	3054N	04108E	555		945.2	1002.7	34.6		12.1		0	0				
40360 GURIAT	3124N	03717E	509		948.6	1002.8	30.3		12.2		0	0				
40361 AL-JOUF	2947N	04006E	689		929.9	1000.6	35.0		8.0		0	0				
40362 RAFHA	2937N	04329E	449		951.3	998.5	36.3		9.8		0	0				
40373 AL-QAISUMAH	2819N	04608E	358		959.0	997.1	38.3		8.8		0	0				
40375 TABUK	2823N	03636E	778		920.7	1001.9	33.5		9.4		0	0			358	
40377 HAFR AL-BATIN	2755N	04531E	414		954.8	998.5	37.5		12.4		0	0				
40394 HAIL	2726N	04141E	1015		896.0	1474 Y	34.4		8.3		0	0			350	
40400 AL-WEJH	2612N	03629E	24		1000.7	1003.4	30.8		32.6		0	0			329	

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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.
40405 GASSIM	2618N	04346E	648		930.9	999.0	36.7		11.8		0	0				
40416 DHAHRAN	2616N	05010E	26		993.8	995.7	37.3	2.1	20.1	5.4	0	0	0			
40417 K.F.I.A. (KING FAHAD INT. AI	2627N	04949E	22		995.8	997.1	37.6		15.2		0	0				
40420 AL-AHSA	2518N	04929E	179		978.1	996.9	39.0		13.5		0	0				
40430 AL-MADINAH	2433N	03942E	654		932.2	998.8	38.1	2.1	10.1	4.5	1	20	19		300	
40437 KING KHALED INT. AIRPORT	2456N	04643E	614		933.8	998.5	36.9		8.4		0	0			322	
40438 RIYADH OBS. (O.A.P.)	2442N	04644E	635		933.7	998.7	38.6	3.6	8.8	2.4	1	11	10		323	
40439 YENBO	2408N	03804E	10		1000.3	1001.4	34.2		24.6		0	0				
41024 JEDDAH (KING ABDUL AZIZ INT.	2142N	03911E	17		1001.3	1002.9	33.6	1.2	27.6	2.7	1	7	6		246	
41030 MAKKAH	2126N	03946E	240		975.6	1001.4	36.2		25.6		1	2				
41036 AL-TAIF	2129N	04033E	1478		852.4	1474 Y	29.6	1.1	12.6	5.1	2	11	8	2	302	
41055 AL-BAHA	2018N	04139E	1672		831.6	1465 Y	29.3		13.5		3	8			241	
41061 WADI AL-DAWASSER AIRPORT	2030N	04515E	629		931.9	997.2	37.4		14.4		0	0			295	
41084 BISHA	1959N	04238E	1167		880.9	1481 Y	33.8		9.9		0	0			284	
41112 ABHA	1814N	04239E	2093		792.2	1468 Y	23.3		13.7		11	77			219	
41114 KHAMIS MUSHAIT	1818N	04248E	2066		795.2	1464 Y	24.1		13.8		8	71			238	
41128 NAJRAN	1737N	04425E	1214		873.6	1457 Y	33.5		9.2		0	0			214	
41136 SHARORAH	1728N	04706E	725		920.8	996.5	36.6		17.5		0	0			175	
41140 GIZAN	1653N	04235E	7		1001.5	1002.4	33.4		32.8		6	52				
KUWAIT																
40582 KUWAIT INTERNATIONAL AIRPORT	2913N	04759E	55		992.5	997.4	39.6	1.9			0	0	0		322	105
IRAN, ISLAMIC REPUBLIC OF																
40706 TABRIZ	3805N	04617E	1367		862.3	1016.5			6.1	-4.6	8	34	31		113	32
40712 ORUMIEH	3732N	04505E	1316		865.0	1009.4	16.5	-7.3	11.4	-2.1	11	77	73		263	72
40745 MASHHAD	3616N	05938E	999		900.1	1009.1	23.0	-3.7	13.5	2.2	8	39	38		260	72
40754 TEHRAN-MEHRABAD	3541N	05119E	1204		878.5	1005.6	23.9	-6.9	9.2	-8	3	8	6		253	73
40766 KERMANSHAH	3416N	04707E	1322		867.7	1009.5			10.8	2.9	5	40	39		225	64
40800 ESFAHAN	3228N	05140E	1550		842.8	1004.6	23.6	-5.8	7.9	-1.0	2	7	6		307	88
40841 KERMAN	3015N	05658E	1754		823.3	1002.9	23.6	-5.3	8.2	1.4	3	10	9		295	90
40848 SHIRAZ	2932N	05232E	1481		849.9	1004.8	24.9	-4.9	10.7	1.5	1	3	2		327	95
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		997.0	997.2	35.8	1.7	28.7	-3.1	0	0	0	5	325	98
QATAR																
41170 DOHA INTERNATIONAL AIRPORT	2515N	05134E	11		996.8	997.7	36.9	2.2	27.3	1.6	0	0	0	5	331	102
UNITED ARAB EMIRATES																
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		993.8	996.6	36.4	2.1	27.2	-1.0	0	0	-T	5	309	94
OMAN																

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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.
41256 SEEB, INT'L AIRPORT	2335N	05817E	15		996.6	997.6	33.0		26.7		0	0			140	
41268 SUR	2232N	05928E	14		996.7	998.3	32.9		24.9		2	8				
41288 MASIRAH	2040N	05854E	19		998.3	1000.5	27.7		28.8		1	3				
41314 THUMRAIT	1740N	05401E	467		949.8	1002.7	30.6		20.3		0	0				
41316 SALALAH	1702N	05405E	23		999.7	1002.4	26.6		28.9		7	12			63	
PAKISTAN																
41515 DROSH	3534N	07147E	1465			1426 Y	28.3	-1.7	12.1		5	103	82	6		
41530 PESHAWAR	3401N	07135E	360		959.1	998.2	31.7	-.5	29.7		6	410	368	6		
41560 PARACHINAR	3352N	07005E	1726		822.4	1439 Y	21.3	-3.2	18.9		18	285	178	5		
41571 ISLAMABAD AIRPORT	3337N	07306E	508			999.2	30.7	1.0	26.3		10	375	108	5		
41594 SARGODHA	3203N	07240E	188			1000.0	31.5		30.7		8	217		5		
41598 JHELUM	3256N	07343E	234		972.9	998.8	30.8	-.1	30.0		12	259	22	4		
41600 SIALKOT	3230N	07432E	256		971.4	999.4	30.3	.5	29.9		13	373	85	4		
41620 ZHOB	3121N	06928E	1407		851.2	1418 Y	29.0	-.5	18.0		7	118	70	5		
41624 DERA ISMAIL KHAN	3149N	07055E	173		979.0	998.1	31.2	-1.5	33.2		8	227	167	6		
41640 LAHORE CITY	3133N	07420E	215		975.6	999.2	31.5	.0	31.7		5	288	86	5		
41660 QUETTA AIRPORT	3015N	06653E	1589			1427 Y	29.4	1.5	14.9		0	0	-12	2		
41675 MULTAN	3012N	07126E	123		984.5	998.5	33.8	-.1	32.1		4	55	-6	3		
41685 BARKHAN	2953N	06943E	1098			1417 Y	28.9	-6	22.2		8	114	6			
41710 NOKKUNDI	2849N	06245E	683		922.8	993.7	36.8	1.0	7.1		0	0	-1	5		
41712 DAL BANDIN	2853N	06424E	850		905.6	1417 Y	36.7	2.5	11.8		0	0	-3	4		
41715 JACOBABAD	2818N	06828E	56				35.1	.2	36.6		5	132	96	5		
41718 KHANPUR	2839N	07041E	88		987.3	997.2	34.2	.6	33.9		1	17	-10	4		
41739 PANJGUR	2658N	06406E	981		893.3	1425 Y	32.8	1.1	12.2		0	0	-25	2		
41744 KHUZDAR	2750N	06638E	1232		867.0	1406 Y	30.1	-.2	19.4		4	26	-21	3		
41749 NAWABSHAH	2615N	06822E	38		994.1	997.2	33.6	-.4	32.0		5	69	18	5		
41756 JIWANI	2504N	06148E	57		992.8	999.1	30.5	.5	32.9		0	0	-7	4		
41759 PASNI	2516N	06329E	6		999.5	1000.0	30.4		34.4		2	13	8	5		
41768 CHHOR	2531N	06947E	6		997.6	998.0	32.6	1.1	33.8		9	73	-6	0		
41780 KARACHI AIRPORT	2454N	06708E	22		996.9	999.7	31.1	.8	33.8		9	121	36	0		
INDIA																
42027 SRINAGAR	3405N	07450E	1587		835.7	1438 Y	23.3	-.8	19.1		10	70	8	4	208	
42071 AMRITSAR	3138N	07452E	234		973.4	999.0	30.6	.4	31.7		10	224	-7	3	144	67
42147 MUKTESHWAR KUMAON	2928N	07939E	2311				18.4	1.2	18.8		10	160	-153	1		
42165 BIKANER	2800N	07318E	224		972.8	997.2	34.0	1.2	28.9		5	59	-47	3		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		975.4	999.0	31.4	.6	33.9		14	240	3	4	111	67
42314 DIBRUGARH /MOHANBARI	2729N	09501E	111		990.9	1003.3	28.4	.7	33.2		22	412	-134	1	99	
42339 JODHPUR	2618N	07301E	224		974.0	998.2	32.2		30.8		2	46		2		
42404 DHUBRI	2601N	08959E	36		999.7	1003.7	29.1		34.3		16	223		1		
42410 GUWAHATI	2606N	09135E	54		996.4	1002.5	29.9	1.4	35.1		21	309	-68	2	109	89
42452 KOTA AERODROME	2509N	07551E	274		969.1	998.9	31.5	1.6	29.9		7	155	-104	2		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		989.1	999.9	32.8	2.9	31.7		5	25	-240	0	85	59
42515 CHERRAPUNJI	2515N	09144E	1313		864.7	1460 Y	21.3	1.2	23.7		30	2158	****	2		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
42619 SILCHAR	2445N	09248E	29		1000.5	1003.7	29.7		35.4		25	490		3		
42647 AHMADABAD	2304N	07238E	55		994.3	1000.5	30.1	.6	33.3		18	417	170	5	111	85
42671 SAGAR	2351N	07845E	551		939.5	999.3	28.1	1.4	30.4		16	380	30	4		
42731 DWARKA	2222N	06905E	11		999.4	1000.7	28.9	-.3	35.2		17	505	408			
42754 INDORE	2243N	07548E	567		938.7	1000.3	27.3	.8	28.2		13	100	-179	1	122	117
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1000.9	1001.6	29.8	.6	33.9		18	267	-144	1	125	134
42867 NAGPUR SONEGAON	2106N	07903E	310		966.3	1000.5	28.1	.2	32.3		22	417	127	5	83	72
42909 VERAVAL	2054N	07022E	8		1000.4	1001.3	28.5	.1	34.4		21	620	391	6		
42933 AKOLA	2042N	07702E	282		970.0	1001.1	28.1	-.2	29.6		22	333	111	5		
42971 BHUBANESHWAR	2015N	08550E	46		995.9	1001.0	29.5	.8	34.6		18	283	-34	2	96	90
43041 JAGDALPUR	1905N	08202E	553		941.2	1002.3	25.9	.2	28.3		21	483	131	5		
43057 BOMBAY / COLABA	1854N	07249E	11		1002.5	1003.9	27.7	.0	34.3		28	1099	417	5	46	63
43063 PUNE	1832N	07351E	559		942.0	1003.4	25.9	.6	25.8		16	207	44	4	70	59
43128 HYDERABAD AIRPORT	1727N	07828E	545		943.5	1003.0	26.8	-.2	26.4		18	339	184	5	103	73
43150 CWC VISHAKHAPATNAM/WALTAIR	1742N	08318E	66		994.9	1002.3	28.1		32.5		17	215			111	95
43185 MACHILIPATNAM/FRANCPET	1612N	08109E	3		1002.6	1002.9	28.8	-.9	31.7		15	299	128	5	99	
43192 GOA/PANJIM	1529N	07349E	60		999.1	1005.9	26.3	-.4	32.3		28	1245	392	5	35	33
43198 BELGAUM/SAMBRE	1551N	07437E	758		923.5	1005.1	23.5	.3	24.9		20	272	48	4		
43279 CHENNAI/MINAMBAKKAM	1300N	08011E	16		1003.5	1005.2	29.7	-1.0	30.4		13	142	21	4	146	79
43284 BAJPE	1255N	07453E	102		995.7	1007.2	25.5		29.5		28	1475			35	55
43295 BANGALORE	1258N	07735E	921		905.8	1472 Y	23.9	.0	22.7		15	100	-6	3	49	44
43314 KOZHIKODE	1115N	07547E	5		1007.9	1008.5	26.7	.7	30.9		26	747	-23	2		
43333 PORT BLAIR	1140N	09243E	79		999.8	1007.7	27.0	.9	31.9		26	600	200	5	87	79
43363 PAMBAN	0916N	07918E	11		1004.7	1006.0	30.3	.4	32.2		2	35	17	5		
43369 MINICOY	0818N	07309E	2		1008.3	1008.5	28.0	.2	32.6		22	262	32	3	107	62
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1001.4	1008.6	27.0	.5	29.7		19	227	52	4	95	64
SRI LANKA																
43424 PUTTALAM	0802N	07950E	2		1006.7	1007.0	28.8	.3	31.7	2.5	4	35	19			
43441 KURUNEGALA	0728N	08022E	116		994.8	1007.7	27.2	-.1	28.2	.7	12	94	-20			
43466 COLOMBO	0654N	07952E	7		1007.1	1008.3	27.8	.2	31.0	1.5	10	118	-7		192	96
43473 NUWARA ELIYA	0658N	08046E	1880		811.9		16.1	.4	16.5	.9	26	188	14			
43497 HAMBANTOTA	0607N	08108E	20		1005.7	1007.3	28.6	1.0	32.1	4.0	5	36	-12			
MONGOLIA																
44203 RINCHINHUMBE	5107N	09940E	1583		837.0	1007.2	14.7	2.1	11.1	1.3	13	74	-4	3		
44207 HATGAL	5026N	10000E	1669		828.6	1007.9	13.5	1.9	11.1	1.7	10	37	-46	2		
44212 ULAANGOM	4948N	09205E	940		901.9	1004.9	20.6	1.7	11.2	-.9	4	24	-11	2	327	107
44213 BARUUNTURUUN	4939N	09424E	1232		871.5	1004.8	20.1	3.0	10.6	-1.1	6	44	-10	5		
44214 ULGI	4856N	08956E	1716		823.2	1004.6	18.5	2.2	7.6	-3.2	3	26	-8	2		
44215 OMNO-GOBI	4901N	09143E	1590		835.4	1002.6	18.4	2.2	10.4	-.3	4	12	-32	1		
44218 HOVD	4801N	09134E	1406		854.1	1003.3	20.9	2.3	8.5	-2.7	6	11	-24	0	271	90
44225 TOSONTSENGEL	4844N	09812E	1724		824.1	1006.9	16.2	2.4	12.1	2.1	11	85	25	5		
44230 TARIALAN	4934N	10200E	1236		873.2	1006.9	18.7	2.7	13.0	.7	10	78	-26	2		
44231 MUREN	4938N	10010E	1285		866.7	1006.1	19.2	3.0	13.7	2.1	8	65	6	3	264	96

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
44232 HUTAG	4923N	10240E	938		901.7	1005.8	20.2	2.8	14.1	.6	9	53	-50	1		
44237 ERDENEMANDAL	4832N	10120E	1510		844.1	1004.9	16.9	2.3	12.8	.5	12	73	-16	2		
44239 BULGAN	4848N	10330E	1209		873.4	1003.8	19.0	3.1	13.1	.7	10	115	44	4		
44241 BARUUNHARAA	4855N	10600E	811		916.1	1005.2	21.4	3.2	18.6	5.3	7	88	26	4		
44256 DASHBALBAR	4933N	11420E	706		925.0	1003.6	20.8	2.2	17.9	3.9	7	106	-6	3		
44259 CHOIBALSAN	4805N	11430E	747		921.5	1003.9	22.7	2.9	13.5	-9	7	56	-1	2		
44265 BAITAG	4607N	09128E	1186		876.5	1003.2	21.7	.8	15.0	2.8	7	20	6	4		
44272 ULIASTAI	4745N	09651E	1761		818.2	1001.4	17.9	2.9	12.1	2.5	9	53	-1	2	270	93
44275 BAYANBULAG	4650N	09805E	2255		772.9	1003.8	15.4	3.5	11.2	2.2	5	29	-3	2		
44277 ALTAI	4624N	09615E	2182		780.1	1008.3	16.8	3.1	8.8	.5	6	33	-15	2		
44282 TSETSERLEG	4727N	10120E	1693		826.4	1005.7	17.4	3.1	12.4	1.5	10	55	-20	1		
44284 GALUUT	4642N	10000E	2126		785.2		17.3	4.3	9.5	.8	5	58	-1	3		
44285 HUIJIRT	4654N	10240E	1662		829.3	1006.1	18.5	4.0	11.9	.7	8	43	-17	1		
44287 BAYANHONGOR	4608N	10040E	1860		809.7	1002.1	20.4	4.2	9.7	-9	4	43	-13	2	271	88
44288 ARVAIHEER	4616N	10240E	1813		814.9	1006.9	19.2	3.9	10.8	.2	8	77	17	3		
44292 ULAANBAATAR	4755N	10650E	1307		865.0	1003.7	21.7	5.1	12.1	.5	8	80	23	4	265	106
44294 MAANTI	4718N	10720E	1430		852.3	1004.0	20.5	4.3	11.3	-1.2	7	38	-20	1		
44298 CHOIR	4627N	10810E	1287		865.6	1002.4	22.8	4.2	14.9	1.3	5	17	-38	1		
44302 BAYAN-OVOO	4747N	11200E	926		906.5	1008.1	22.1	3.3	13.4	-3	6	30	-49	1		
44304 UNDERKHAAN	4719N	11030E	1035		891.6	1003.6	22.1	3.6	12.4	-5	5	17	-48	1		
44305 BARUUN-URT	4641N	11310E	982		897.0	1003.9	23.2	3.2	11.8	-2.0	6	29	-32	1		
44313 KHALKH-GOL	4737N	11830E	689		928.0	1004.4	21.7	1.7	14.0	-1.4	4	45	-50	1		
44314 MATAD	4710N	11530E	907		906.0	1005.2	22.1	1.6	13.5	-2	6	36	-5	2		
44317 ERDENETSAGAAN	4554N	11520E	1076		887.9	1004.8	22.2		14.0		5	21		1		
44336 SAIKHAN-OVOO	4527N	10350E	1317		862.4	1003.5	24.5	4.4	10.9	-7	1	13	-25	1		
44341 MANDALGOBI	4546N	10610E	1396		855.1	1002.4	22.9	4.2	10.6	-1.0	6	35	-4	2		
44347 TSOGT-OVOO	4425N	10510E	1298		864.1	1000.2	25.6	4.2	10.1	-2.8	2	7	-20	1		
44352 BAYANDELGER	4544N	11220E	1101		884.4	1001.3	23.9	3.4	15.4	1.4	6	25	-30	1		
44354 SAINSHAND	4454N	11000E	938		900.2	998.2	26.5	3.8	13.0	-1.6	2	25	-6	3		
44358 ZAMYN-UUD	4344N	11150E	965		897.9	1000.9	27.2	4.4	11.4	-3.2	4	17	-11	2		
44373 DALANZADGAD	4335N	10420E	1465		847.7	1000.4	25.7	4.7	9.7	-2.2	5	23	-9	2	280	90
HONG KONG, CHINA																
45004 KOWLOON	2219N	11410E	66		1000.7	1008.1	29.1	.1	32.6	1.1	14	456	129	4	248	107
MACAO, CHINA																
45011 TAIPA GRANDE	2210N	11330E	114		995.1	1007.9	28.5		29.7		10	154		2	262	105
DPR KOREA																
47014 CHUNGGANG	4147N	12650E	331		969.5	1006.7	22.5	-.1	21.2		19	329	136	5	59	40
47016 HYESAN	4124N	12810E	715		928.4		21.2	.5	20.6		17	302	167	6	117	60
47025 KIMCHAEK	4040N	12910E	23		1004.6	1007.3	22.1	2.0	24.2		13	93	-27	2	119	85
47035 SINUIJU	4006N	12420E	7		1005.8	1006.6	24.4	.7	26.3		10	166	-137	2	100	60
47055 WONSAN	3911N	12720E	36		1003.4	1007.6	24.1	1.6	25.4		15	325	21	1		50

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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.
47058 PYONGYANG	3902N	12540E	36		1002.9	1006.7	25.5	1.3	26.3		10	296	15	3	93	50
47069 HAEJU	3802N	12540E	81		998.0	1007.2	24.9	1.3	27.3		12	241	-103	2	88	60
REPUBLIC OF KOREA																
47101 CHUNCHEON	3754N	12740E	78		999.0	1007.6	25.5	1.2	24.7	.7	13	221	-126	2	119	79
47105 GANGNEUNG	3745N	12850E	26		1004.5	1007.4	25.8	1.9	23.6	.0	14	89	-128	1	128	89
47108 SEOUL	3734N	12650E	86		997.7	1007.3	25.8	1.2	24.1	-9.0	10	239	-130	2	90	74
47115 ULLEUNGDO	3729N	13050E	221		983.0	1007.9	23.4	1.1	23.9	.7	5	168	45	5	157	104
47133 DAEJEON	3622N	12720E	72		1000.2	1007.3	25.7	.7	24.4	-1.3	14	223	-93	2	130	81
47138 POHANG	3602N	12920E	4		1008.3	1008.4	26.4	1.7	26.3	1.8	11	149	-46	3	184	115
47159 BUSAN	3506N	12900E	70		1001.1	1008.9	25.2	1.2	26.4	.9	8	292	36	4	165	100
47165 MOKPO	3449N	12620E	39		1003.7	1008.0	24.8	.1	28.6	2.0	11	264	54	4	138	88
47168 YEOSU	3444N	12740E	67		1001.2	1009.6	24.7	.5	26.5	.8	14	469	209	5	131	80
47184 JEJU	3331N	12630E	23		1005.9	1008.2	25.9	.3	25.2	-1.7	12	264	34	4	161	77
JAPAN																
47401 WAKKANAI	4525N	14140E	12		1007.1	1008.5	18.1	1.3	19.0	2.4	10	234	141	6	74	49
47407 ASAHIKAWA	4345N	14220E	140		992.2	1008.3	22.1	1.7	21.3	2.9	12	100	4	4	103	59
47409 ABASHIRI	4401N	14410E	44		1003.8	1008.9	18.4	1.3	18.2	1.5	13	100	24	4	96	54
47412 SAPPORO	4304N	14120E	26		1005.5	1008.5	22.1	1.9	21.1	2.6	11	144	76	5	74	41
47418 KUSHIRO	4259N	14420E	40		1004.8	1009.5	17.3	2.0	17.7	2.0	14	154	44	4	102	89
47420 NEMURO	4320N	14530E	39		1005.1	1009.7	16.2	2.0	16.5	1.4	14	202	100	5	104	85
47421 SUTTSU	4248N	14010E	38		1004.5	1008.6	21.1	2.5	22.2	3.5	9	248	150	6	93	56
47426 URAKAWA	4210N	14240E	37		1005.0	1009.5	18.8	1.6	20.5	2.6	12	166	29	4	63	48
47430 HAKODATE	4149N	14040E	44		1003.8	1008.9	22.4	3.1	21.9	2.8	11	172	58	5	114	78
47570 WAKAMATSU	3729N	13950E	217		985.7	1010.2	25.1	1.7	24.1	1.5	16	157	-1	3	184	112
47575 AOMORI	4049N	14040E	4		1008.6	1009.1	23.8	2.9	23.6	3.2	12	178	78	5	112	63
47582 AKITA	3943N	14000E	22		1007.2	1009.8	24.8	2.2	24.9	2.8	10	190	4	3	127	73
47590 SENDAI	3816N	14050E	44		1004.9	1010.0	25.3	3.3	25.1	2.8	14	134	-16	3	169	136
47600 WAJIMA	3724N	13650E	15		1008.1	1009.8	25.6	1.9	25.2	1.1	12	151	-41	3	216	122
47605 KANAZAWA	3635N	13630E	34		1006.2	1010.0	26.5	1.3	24.3	-6	11	224	-26	3	217	131
47624 MAEBASHI	3624N	13900E	114		996.9	1009.8	27.0	2.6	24.5	.6	19	227	55	5	171	139
47636 NAGOYA	3510N	13650E	56		1004.1	1010.4	27.8	2.0	25.1	-3	12	209	-3	3	191	122
47648 CHOSHI	3544N	14050E	28		1007.4	1010.7	24.9	2.3	27.2	2.6	7	65	-35	2	220	135
47655 OMAEZAKI	3436N	13810E	47		1005.7	1011.0	26.2	1.7	29.9	2.9	8	186	-36	3	226	128
47662 TOKYO	3541N	13940E	36		1005.9	1010.0	28.0	2.8	26.4	2.2	12	70	-56	1	183	134
47675 OSHIMA	3445N	13920E	80		1002.5	1011.1	26.1	3.1	28.7	3.3	12	246	34	4	168	132
47678 HACHIJUJIMA	3307N	13940E	156		994.9	1012.6	25.5	.4	29.6	1.5	11	276	87	4	121	81
47740 SAIGO	3612N	13320E	32		1005.8	1009.5	25.4	1.3	25.9	.6	8	357	162	5	189	102
47741 MATSUE	3527N	13300E	23		1006.9	1009.5	26.4	1.2	27.3	.8	10	286	18	3	187	99
47746 TOTTORI	3529N	13410E	16		1007.9	1009.7	26.7	1.2	25.5	.0	11	140	-62	2	180	101
47750 MAIZURU	3527N	13510E	23		1007.5	1010.1	26.6	1.4	27.1	2.2	12	171	2	3	169	103
47772 OSAKA	3441N	13530E	83		1000.9	1010.3	27.9	.9	25.7	.4	10	222	66	4	196	107
47778 SHIONOMISAKI	3327N	13540E	76		1002.7	1011.3	25.9	.7	28.5	.6	10	431	146	5	208	111
47800 IZUHARA	3412N	12910E	19		1008.9	1009.4	25.8	1.0	28.3	1.6	9	568	226	5	148	110

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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.
47807 FUKUOKA	3335N	13020E	15		1007.9	1009.6	27.7	.8	26.7	-1	10	454	197	5	161	91
47815 OITA	3314N	13130E	13		1008.5	1010.1	26.8	.7	26.7	.0	12	193	-47	3	142	78
47817 NAGASAKI	3244N	12950E	36		1006.0	1010.1	26.8	.2	28.7	.6	11	215	-118	2	149	81
47827 KAGOSHIMA	3133N	13030E	32		1007.1	1010.7	27.8	.4	29.0	.5	14	467	164	5	145	77
47830 MIYAZAKI	3156N	13120E	15		1008.9	1010.6	27.0	.1	29.3	.8	15	295	7	4	157	73
47843 FUKUE	3242N	12850E	27		1006.6	1009.7	26.4	.7	29.0	.3	10	288	-25	4	135	83
47887 MATSUYAMA	3351N	13240E	34		1006.4	1010.3	27.1	.7	24.8	-6	10	268	119	5	177	91
47891 TAKAMATSU	3419N	13400E	14		1008.6	1010.2	27.8	1.5	26.9	.3	9	85	-44	2	189	91
47909 NAZE	2823N	12930E	8		1010.3	1011.2	28.4	.0	30.8	.9	20	362	142	4	148	66
47918 ISHIGAKIJIMA	2420N	12410E	11		1007.9	1009.6	29.8	.6	32.2	.0	11	255	74	4	228	86
47927 MIYAKOJIMA	2448N	12510E	42		1005.4	1010.1	29.1	.8	32.9	1.5	9	284	122	5	203	78
47936 NAHA	2612N	12740E	28		1005.2	1010.9	28.7	.4	31.5	.6	14	349	159	5	146	57
47945 MINAMIDAITOJIMA	2550N	13110E	21		1010.1	1012.4	28.5	.4	32.3	1.1	11	129	2	3	280	107
47971 CHICHUJIMA	2706N	14210E	8		1014.8	1015.7	27.6	.4	29.1	-7	5	15	-55	1	267	109
47991 MINAMITORISHIMA	2417N	15350E	9		1015.8	1016.8	27.9	-1	28.7	-8	11	102	-80	2	274	103
THAILAND																
48354 UDON THANI	1723N	10240E	178		986.0	1006.0	28.7	.8	30.9	1.3	13	225	3	3		
48378 PHITSANULOK	1647N	10010E	46		1001.3	1006.4	29.4	1.3	31.7	1.9	13	107	-83	1	177	100
48400 NAKHON SAWAN	1548N	10010E	35		1002.5	1006.5	29.4	.5	32.6	2.9	14	159	25	4	168	94
48431 NAKHON RATCHASIMA	1458N	10200E	187		985.5	1006.5	28.6	.7	32.0	4.0	18	194	72	5		
48455 BANGKOK	1344N	10030E	4		1006.9	1007.3	29.5	1.2	32.3	2.4	16	349	194	6	143	84
48462 ARANYAPRATHET	1342N	10230E	49		1002.1	1007.7	28.8	1.2	31.4	1.4	13	111	-71	1		
48480 CHANTHA BURI	1237N	10200E	4		1007.1	1007.5	28.0	.9	32.0	1.4	25	567	127	4	114	81
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1007.2	1007.9	28.7	.9	30.0	1.4	9	96	7	3		
48517 CHUMPHON	1029N	09911E	6		1007.7	1008.4	27.8	.8	29.9	.6	13	99	-75	1		
48568 SONGKHLA	0712N	10030E	7		1008.0	1008.7	28.2	-1	29.2	.2	14	178	83	6	187	87
LAO PDR																
48930 LUANG-PRABANG	1953N	10200E	305		971.9	1006.0	29.1	2.1	29.6	-1.0	22	321	93	5	183	145
48938 SAYABOURY	1914N	10140E	326		972.9	1005.7	28.2		30.5		25	391		5	149	
48940 VIENTIANE	1757N	10230E	171		985.5	1005.1	28.3	.8	31.4	1.3	19	280	15	4	176	119
48946 THAKHEK	1723N	10430E	152		990.6	1007.2	28.9		34.9		19	389			180	
48947 SAVANNAKHET	1633N	10430E	145		991.6	1007.8	28.7	1.7	30.4	1.7	14	162	-52	2	204	
48948 SENO	1640N	10500E	185		986.4	1007.4	28.5		30.4		18	108		1	166	
48955 PAKSE	1507N	10510E	102		995.2	1006.7	28.9	2.2	30.0	.4	15	234	-149	1	190	131
CAMBODIA																
48991 PHNOM-PENH/POCHENTONG	1133N	10450E	10		1006.0		28.1				17	233			182	
CHINA																
50527 HAILAR	4913N	11940E	611		935.5	1003.9	21.3	1.6	14.5	-1.5	8	31	-72	1	239	83
50745 QIQIHAR	4723N	12350E	148		987.2	1004.2	23.8	1.0	21.3	1.3	9	128	-9	3	289	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.
51076 ALTAY	4744N	08805E	737		923.8	1005.6	21.9	-.1	13.2	.8	2	11	-11	2	360	105
51431 YINING	4357N	08120E	664		932.5	1006.2	23.6	.8	14.4	-.5	5	35	12	5	315	98
51463 WU LU MU QI	4348N	08739E	947		903.7	1005.6	24.0		11.8		4	13		2	302	100
51709 KASHI	3928N	07559E	1291		864.7	1000.6	25.8	.1	12.2	.0	5	32	25	5	338	108
51777 RUOQIANG	3902N	08810E	889		903.2	998.1	28.6	1.4	14.1	2.3	1	1	-9	1	268	88
51828 HOTAN	3708N	07956E	1375		855.9	999.7	26.3	.9	13.5	.8	1	3	-2	3	256	106
52203 HAMI	4249N	09331E	739		918.4	998.1	28.3	1.7	14.2	2.1	1	7	1	4	367	108
52533 JIUQUAN	3946N	09829E	1478		845.2	999.6	24.4	3.0	14.5	1.4	5	19	0	4	325	115
52836 DOULAN	3618N	09806E	3190		691.6		16.2	1.5	10.4	3.0	10	43	7	3	267	99
53068 ERENHOT	4339N	11200E	966		897.8	1001.0	27.7	4.7	10.9	-1.5	3	9	-27	1	342	108
53614 YINCHUAN	3828N	10610E	1112		882.8	1001.4	25.7	2.4	18.7	1.0	2	35	-7	2	283	99
53772 TAIYUAN	3747N	11230E	779		919.4	1004.4	26.4	3.1	19.6	-1.0	6	53	-67	1	231	98
54292 YANJI	4252N	12930E	178		976.9	1006.6	21.3	.1	21.5	1.4	13	195	91	5	154	87
54342 SHENYANG	4144N	12331E	43		999.5	1005.2	24.5	.0	26.4	2.6	12	149	-17	3	126	59
54511 BEIJING	3956N	11610E	55		1000.0	1003.7	28.6	2.7	24.6	-.5	6	34	-141	1	182	81
54857 QINGDAO	3604N	12020E	77		997.4	1006.1	25.3	1.5	27.3	.9	7	148	-29	4	184	101
55591 LHASA	2940N	09108E	3650		654.1		18.0	2.7	9.4	-1.3	13	86	-33	2	236	104
56137 QAMDO	3109N	09710E	3307		682.0	994.5	18.2	2.0	10.7	-.5	13	127	25	5	240	121
56571 XICHANG	2754N	10210E	1599		835.5		23.4	.8	20.2	.1	15	205	-5	3	156	86
56739 TENGCHONG	2507N	09829E	1649		832.0		20.0	.5	19.5	-.8	24	336	58	4	107	147
56778 KUNMING	2501N	10240E	1892		808.4		21.4	1.7	18.8	-.2	11	160	-44	2	110	78
56985 MENGZI	2323N	10320E	1302		865.6	1003.6	24.4		20.0		11	115		2	143	100
57083 ZHENGZHOU	3443N	11330E	111		991.6	1004.2	28.8	1.7	26.9	-.1	9	153	7	3	103	48
57461 YICHANG	3042N	11110E	134		989.0	1004.1	28.0	.1	31.8	2.2	16	344	134	5	92	45
57745 ZHIJIANG	2727N	10940E	273		973.8	1004.4	28.6	1.2	28.4	.0	6	79	-39	2	211	85
57993 GANZHOU	2552N	11500E	138		990.7	1006.3	30.8	1.3	26.3	-2.2	3	15	-81	0	238	87
58362 SHANGHAI	3124N	12120E	8		1005.4	1006.2	28.9		28.4		11	124		3	130	60
58606 NANCHANG	2836N	11550E	50		999.7	1005.1	30.4	.9	30.0	-.9	7	144	22	4	230	88
59287 GUANGZHOU	2310N	11320E	42		1003.1	1007.8	29.6	1.1	28.9	-2.9	13	165	-62	2	201	92
59316 SHANTOU	2324N	11640E	3		1007.7	1008.1	29.5	1.3	31.9	.0	7	136	-70	2	258	104
59431 NANNING	2238N	10810E	126		991.6	1005.4	29.0	.6	30.0	-1.1	12	326	125	5	219	100
59758 HAIKOU	2002N	11020E	24		998.7	1006.0	28.9	.5	30.3	-1.3	14	219	9	3	247	95
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	58		1012.9	1019.6	22.1	1.0	18.3	-1.0	0	0	-2	3	273	120
SPAIN (CANARY ISLANDS)																
60001 HIERRO/AEROPUERTO	2749N	01753W	32		1013.8	1017.5	22.7		19.4		0	0		6	202	95
60005 LA PALMA/AEROPUERTO	2837N	01745W	31		1014.7	1019.4	23.0		20.2		1	3		5	216	105
60010 IZANA	2819N	01630W	2371		773.9	1012.3	19.0		4.8		0	0		3	405	110
60020 STA. CRUZ DE TENERIFE	2827N	01615W	36		1012.1	1016.2	24.9	.4	17.7	.5	0	0	0	5	353	106

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
60030 LAS PALMAS DE GRAN CANARIA/G	2756N	01523W	47		1009.5	1014.6	24.0	.7	18.6	-5	0	0	-1	5	275	94
60035 FUERTEVENTURA/AEROPUERTO	2827N	01352W	30		1012.1	1015.4	25.0		19.3		0	0		3	290	105
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1013.2	1015.6	25.1	1.4	19.3	.0	0	0	0	5	293	104
WESTERN SAHARA																
60096 DAKHLA	2343N	01556W	12		1012.2	1013.2	20.7				0	0			246	110
MOROCCO																
60101 TANGER (AERODROME)	3544N	00554W	21		1012.4	1014.8	25.5	2.0	20.1		1	4	2	5	335	100
60135 RABAT-SALE	3403N	00646W	84		1006.0	1014.6	23.0	.8	21.4		1	1	0	0	297	70
60150 MEKNES	3353N	00532W	576		951.4	1013.4	26.8	1.6	17.2		3	6	4	6	322	95
60155 CASABLANCA	3334N	00740W	57		1007.5	1014.2	23.4	1.0	22.7		1	1	0	5	264	60
60230 MARRAKECH	3137N	00802W	468		960.9	1012.5	29.4	1.1	17.0		1	10	9	5	303	90
60265 OUARZAZATE	3056N	00654W	1140		889.1	1544 Y	32.2	2.7	8.0		3	8	7	5	292	70
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1008.6	1015.0	26.1	1.6	24.0	2.8	0	0	-1	3	300	111
ALGERIA																
60351 JIJEL-ACHOUAT	3648N	00553E	10		1013.8	1015.0	25.5		24.8		01	1			111	75
60353 JIJEL-PORT	3649N	00553E	6		1014.9	1015.5	26.2		27.3		1	1			358	80
60355 SKIKDA	3653N	00654E	3		1014.9	1015.2	25.4	1.5	23.1		0	0	-2	2	348	80
60360 ANNABA	3650N	00749E	4		1014.6	1015.6	25.2	.9	23.4		0	0	-2	2	381	90
60367 EL-KALA	3654N	00827E	13		1014.5	1016.0	24.4		23.6		0	0				
60369 ALGER-PORT	3646N	00306E	12		1014.2	1015.0	25.3		21.8		0	0		4		
60387 DELLYS	3655N	00357E	8		1013.6	1014.2	24.2		23.8		01	1			352	
60390 DAR-EL-BEIDA	3641N	00313E	29		1011.8	1015.1	26.0	1.4	23.2						346	80
60395 TIZI-OUZOU	3642N	00403E	189		996.6	1014.0	26.0		21.5		1	2			368	
60401 BEJAIA-PORT	3645N	00506E	4		1016.0	1016.5	25.9		24.8		1	8				
60402 BEJAIA-AEROPORT	3643N	00504E	3		1015.0	1015.8	25.0	1.0	25.1		01	1	-4	3	348	80
60403 GUELMA	3628N	00728E	228		989.6	1015.3	27.1		18.6		01	1			376	
60405 BOUCHEGOUF	3630N	00743E	111		1003.9	1016.4	27.5		23.5		0	0				
60410 TENES	3630N	00120E	18		1013.8	1015.9	25.8		23.1		0	0			355	85
60415 AIN-BESSAM	3619N	00332E	748		932.0	1556 Y	27.5		14.2		0	0			374	
60417 BOUIRA	3623N	00353E	560		951.5	1013.0	28.1		18.6		0	0			361	80
60419 CONSTANTINE	3617N	00637E	694		938.5	1014.5	26.0	.8	15.6		1	2	-6	3	348	80
60421 OUM EL BOUAGHI	3552N	00707E	891		919.0	1548 Y	26.5		16.1		2	5			348	
60423 SOUK AHRAS	3617N	00758E	680		923.6	1547 Y	25.9		16.9		0	0			170	
60425 CHLEF	3613N	00120E	144		995.1	1013.5	31.0	2.0	15.1		0	0	-1	3	367	
60430 MILIANA	3618N	00214E	721		935.5	1013.9	28.4	1.8	16.5		0	0	-5	2	373	
60437 MEDEA	3617N	00244E	1036		899.4	1530 Y	27.2		15.3		0	0			375	
60444 BORDJ-BOU-ARRERIDJ	3604N	00446E	930			1559 Y	28.0		14.2		1	2			374	
60445 SETIF	3611N	00515E	1040		901.9	1555 Y	26.0		13.8		1	6			356	

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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.
60452 ARZEW	3549N	00016W	4		1014.0	1014.5	25.5		26.2		0	0			104	55
60457 MOSTAGANEM	3553N	00007E	138		998.0	1014.1	26.3		22.8		1	2			337	
60461 ORAN-PORT	3542N	00039W	22		1012.0	1014.5	24.5		24.8		0	0				
60467 M'SILA	3540N	00430E	442		963.7	1011.9	32.6		19.1		1	2			371	85
60468 BATNA	3545N	00619E	826		923.9	1553 Y	27.0	2.1	13.7		0	0	-7	2	362	
60471 BARIKA	3520N	00520E	461		961.8	1012.2	32.1		15.0		1	2			351	85
60475 TEBESSA	3525N	00807E	823		924.8	1556 Y	27.2	1.8	15.7		3	20	9	5	365	85
60476 KHENCHELLA	3528N	00705E	987		907.1	1553 Y	26.4		15.5		4	17			326	
60490 ORAN-SENIA	3538N	00036W	91		1003.8	1014.2	25.9	1.1	24.4		1	1	0	4	335	75
60511 TIARET	3521N	00128E	978		907.2	1548 Y	28.0		13.0		0	0			352	80
60514 KSAR CHELLALA	3510N	00219E	801		927.1	1565 Y	30.3		12.3		2	5			334	75
60515 BOU-SAADA	3520N	00412E	461		963.4	1013.3	33.1		14.9		0	0			113	
60517 GHAZAOUET	3506N	00152W	5		1014.1	1014.8	25.4		24.7		0	0				
60518 BENI-SAF	3518N	00121W	70		1005.1	1013.1	26.2		26.0		0	0			309	70
60520 SIDI-BEL-ABBES	3512N	00037W	476		959.3	1013.0	27.9		15.9		1	2			343	
60522 MAGHNIA	3449N	00147W	428		966.1	1013.9	27.9		19.0		0	0			318	
60525 BISKRA	3448N	00544E	89		1001.2	1011.0	35.1	1.9	15.0		0	0	-1	4	368	
60531 TLEMEN-CEN-ZENATA	3501N	00128W	247		984.1	1014.7	26.5		21.9		0	0			304	70
60535 DJELFA	3420N	00323E	1185		886.0	1549 Y	27.7	2.0	12.5		3	5	-4	4	344	80
60536 SAIDA	3452N	00009E	752		930.9	1550 Y	29.4		14.8		01	1			327	
60540 EL-KHEITER	3409N	00004E	1001		903.8	1539 Y	30.0		13.4		2	19			291	65
60545 LAGHOUAT	3346N	00256E	763		929.5	1522 Y	32.8		14.0		1	9			283	65
60549 MECHERIA	3335N	00017W	1150		892.6	1556 Y	30.2		12.8			2			220	50
60550 EL-BAYADH	3340N	00100E	1347		870.5	1554 Y	29.0		9.8		1	2			311	
60555 TOUGGOURT	3307N	00608E	92		1001.7	1013.7	34.5		12.1		0	0			359	
60557 NAAMA	3316N	00018W	1166		887.6	1550 Y	30.3		10.6		01	1			288	
60559 EL-OUED	3330N	00647E	69		1004.8	1012.4	34.9	2.4	15.1		0	0	-1	4	372	
60560 AIN-SEFRA	3246N	00036W	1059		896.0	1532 Y	31.3		13.9		3	8			274	
60563 HASSIR'MEL	3256N	00317E	764		928.8	1557 Y	32.6		13.7		3	9			357	80
60566 GHARDAIA	3224N	00348E	469		961.0	1012.0	35.1	2.4	13.0		2	10	9	6	348	
60571 BECHAR	3130N	00215W	816		924.1	1558 Y	35.5	2.5	9.6		1	8	7	6	299	70
60580 OUARGLA	3156N	00524E	148		994.8	1011.1	36.7		16.5		1	2			313	
60581 HASSI-MESSAOUD	3140N	00609E	144		995.2	1011.0	36.3	2.4	16.7		01	1	0	5	369	
60590 EL-GOLEA	3034N	00252E	403		967.4	1011.1	35.8	3.2	12.1		0	0	-1	5	355	85
60602 BENI-ABBES	3008N	00210W	505		954.1	1007.9	38.1	3.2	14.9		01	1	0	5	300	70
60607 TIMIMOUN	2915N	00017E	317		974.2	1008.4	38.0	2.7	9.4		0	0	0	5	319	
60620 ADRAR	2753N	00011W	283		977.1	1007.7	39.0	3.0	8.4		0	0	0	5	314	
60630 IN-SALAH	2714N	00230E	269		978.6	1007.7	38.7	1.7	10.6		0	0	0	5	362	95
60640 ILLIZI	2630N	00825E	544		949.8	1008.2	35.2		10.6		0	0			360	
60656 TINDOUF	2742N	00810W	443		959.1	1006.6	35.9		10.8		0	0			256	
60670 DJANET	2416N	00928E	970		905.0	1530 Y	32.1	1.0	9.3		2	13	12	6	334	110
60680 TAMANRASSET	2248N	00526E	1364		864.3	1525 Y	29.8	1.1	10.1		5	25	21	5	281	85
60686 BORDJ-BADJ-MOKHTAR	2120N	00057E	399		962.8	1005.7	36.1		12.1		4	40			146	
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1014.3	1014.8	28.6	2.3	21.0						372	104

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
60725 JENDOUBA	3629N	00848E	144		998.8	1015.0	28.5	1.5	20.1						379	109
60735 KAIROUAN	3540N	01006E	68		1007.0	1014.7	31.1	2.6	18.5						356	98
60745 GAFSA	3425N	00849E	314		978.8	1013.5	31.0	2.1	14.1	01	1	0	4	357	100	
60765 GABES	3353N	01006E	5		1014.2	1014.5	28.1	1.5	29.3	01	1	0	4	311	84	
NIGER																
61017 BILMA	1841N	01255E	357		967.4	1006.1	34.5		17.5	1	5		4	251	75	
61024 AGADEZ	1658N	00759E	502		952.8	1007.4	31.6		20.7	9	125		6	91	30	
61036 TILLABERY	1412N	00127E	210		985.4	1008.7	30.2		26.4	13	140		4	240	90	
61043 TAHOUA	1454N	00515E	391		966.0	1008.9	29.9		24.4	9	56		1	169	60	
61045 GOURE	1359N	01018E	464				29.0		24.1	9	155			243		
61049 N'GUIGMI	1415N	01307E	286		976.3	1008.1	31.0		25.4	7	67		5	207	80	
61052 NIAMEY-AERO	1329N	00210E	227		984.8	1009.9	29.5		26.3	11	137		3	218	85	
MALI																
61202 TESSALIT	2012N	00059E	494		953.3	1005.8	35.8		14.1	4	82	66		199	143	
61223 TOMBOUCTOU	1643N	00300W	264		979.7	1008.3	32.7		24.4	6	93	48	5	204	82	
61240 HOMBORI	1520N	00141W	288		976.5	1008.1	31.8	.6	25.1	8	93	-10		235	97	
61250 MENAKA	1552N	00213E	278				32.6		25.5	6	85	17		178	77	
61257 KAYES	1426N	01126W	47		1005.2	1014.4	29.9	1.1	29.5	8	153	-16	2	192	91	
61265 MOPTI	1431N	00406W	276		979.0	1009.0	29.8	.7	26.2	12	131	4		200	82	
61270 KITA	1304N	00928W	334				28.0	1.4	27.4	9	114	-91		192	89	
61272 SEGOU	1324N	00609W	289		978.1	1010.1	28.1	.4	29.2	13	209	49	4	199	80	
61277 SAN	1320N	00450W	284		978.4	1009.8	29.0	1.0	29.2	11	150	-27	2	217	89	
61285 KENIEBA	1251N	01114W	132		996.8	1011.6	27.9	.5	28.5	13	229	-23	3	178	94	
61291 BAMAKO/SENOU	1232N	00757W	381		969.7	1010.4	26.4	-.4	27.5	12	187	-30	2	203	94	
61293 KOUTIALA	1223N	00528W	367				26.8	.4	27.6	13	279	61	4	206	84	
61296 BOUGOUNI	1125N	00730W	351		972.3	1011.2	26.2	.2	29.4	19	381	135	4			
61297 SIKASSO	1121N	00541W	375				26.3	.2	26.6	19	205	-30		216	106	
MAURITANIA																
61415 NOUADHIBOU	2056N	01702W	5		1011.9	1012.4	23.3		22.7	0	0		4	252	105	
61442 NOUAKHOTT	1806N	01557W	3		1010.5	1010.9	28.4		27.5					226		
61450 TIDJIKJA	1834N	01126W	402		965.2	1008.0	33.9		17.6	3	12		5			
61489 ROSSO	1630N	01549W	6		1012.0	1012.7	30.7		11.7	2	76		4			
61492 KAEDI	1609N	01331W	18		1011.6	1013.4	31.9		27.5	7	66		4			
61497 NEMA	1636N	00716W	269		983.6		33.0		21.5	3	62					
61498 KIFFA	1638N	01124W	115		996.3	1009.1	32.9		25.3	6	44		3			
61499 AIOUN EL ATROUSS	1642N	00936W	223		983.7	1008.2	33.6		23.1	4	30		2			
SENEGAL																
61600 SAINT-LOUIS	1603N	01627W	4		1011.1	1011.6	28.3		31.1	4	70	30	5	195	80	
61612 PODOR	1639N	01458W	7		1009.7	1010.5	31.4		26.6	4	98	57	4	201		

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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.
61627 LINGUERE	1523N	01507W	21				30.2		27.3	1.3	6	181	92	5	236	99
61630 MATAM	1539N	01315W	17		1008.4	1010.2	31.3		29.1	4.4	10	144	59	5	168	62
61641 DAKAR/YOFF	1444N	01730W	27		1008.9	1012.2	28.1		29.9	2.2	4	40	-20	3	204	88
61666 DIOUREBEL	1439N	01614W	9		1010.7	1011.5	29.1		32.6	5.3	4	76	-29	3	180	
61679 KAOLACK	1408N	01604W	7		1011.9	1012.8	28.9		31.5		12	124	-10	4	202	81
61687 TAMBACOUNDA	1346N	01341W	50		1006.0	1011.6	28.2		30.3	2.5	17	336	151	5	183	86
61695 ZIGUINCHOR	1233N	01616W	26		1000.4	1012.6	27.6		31.2	1.9	25	399	104	4		
61698 KOLDA	1253N	01458W	10		1011.1	1012.0	27.6		31.0	2.1	20	377	122	2	161	77
61699 KEDOUGOU	1234N	01213W	178		990.1	1008.8	26.2		28.4		16	319	58	5	211	97
GUINEA-BISSAU																
61766 BISSAU (AEROPORTO INT. OSVAL)	1153N	01539W	39		1007.5	1012.0	27.5		30.2		20	342				
OCEAN ISLANDS																
61901 ST. HELENA IS.	1556S	00540W	436		969.0	1020.0	16.5				16	85			128	105
61976 SERGE-FROLOW (ILE TROMELIN)	1548S	05430E	13		1016.2	1017.7	24.4		22.0		11	53			239	
61996 MARTIN DE VIVIES (ILE AMSTER	3748S	07730E	29			1022.0	11.6		11.1		14	121	17			
61998 PORT-AUX-FRANCAIS (ILES KERG	4918S	07012E	29			1001.2	3.2	1.2	6.1		6	20	-45	0	120	143
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1013.2	1013.7	26.0	.8	25.1	-3	19	209	108	5	205	90
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1016.4	1016.8	24.6	1.1	23.0	-4	8	23	-36	1		
61988 RODRIGUES	1941S	06325E	59		1012.1	1018.4	22.7	.8	20.5	.9	16	76	-9	3	222	96
61990 PLAISANCE (MAURITIUS)	2026S	05741E	57		1014.3	1020.2	22.3	1.2	20.0	.5	21	99	-14	4	184	102
61995 VACOAS (MAURITIUS)	2018S	05730E	425		970.8				18.8		24	185		5	213	95
LIBYAN ARAB JAMAHIRIYA																
62002 NALUT	3152N	01059E	621		944.6	1555 Y	29.2		14.7		0	0		5	398	105
62007 ZUARA	3253N	01205E	3		1013.9	1014.3	27.0		27.2		0	0		5		
62008 YEFREN	3205N	01233E	691		937.2	1551 Y	27.9		17.0						388	
62010 TRIPOLI INTERNATIONAL AIRPOR	3242N	01305E	63		1005.0	1014.3	28.5		17.7		0	0		4	376	100
62016 MISURATA	3225N	01503E	32		1010.2	1013.7	26.9		25.8		0	0		5	386	105
62019 SIRTE	3112N	01635E	14		1012.1	1013.6	26.7		27.5		0	0		5	388	100
62053 BENINA	3206N	02016E	132		997.7	1013.2	26.1		21.0		0	0		5	394	105
62055 AGEDABIA	3043N	02010E	7		1012.6	1013.3	26.8		22.3		0	0		5	390	100
62056 SHAHAT	3248N	02153E	649		940.1	1522 Y	22.9		20.1		0	0		4		
62059 DERNA	3247N	02235E	26		1010.0	1013.0	26.4		25.6		0	0		5	359	110
62103 GHADAMES	3008N	00930E	347		972.3	1009.8	34.0		10.1		0	0		5	388	100
62120 GARIAT EL-SHARGHIA	3023N	01335E	497		958.8	1565 Y	29.3		20.8		0	0		5	381	100
62124 SEBHA	2701N	01427E	435		962.6	1009.9	32.1		12.2		0	0		5	388	95
62131 HON	2907N	01557E	267		983.2	1013.0	30.0		14.6		0	0		5	407	105
62176 GIGHBUB	2945N	02432E	-1		1010.0	1009.9	30.7		16.3		0	0		5	394	100
62200 OBARI	2636N	01247E	463		959.6	1010.5	32.8		13.5						380	

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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.
62212 GHAT	2508N	01009E	699		934.2	1542 Y	34.5		11.0						354	
62259 TAZERBO	2548N	02108E	261		981.9	1010.9	32.4		13.8		0	0		5	373	100
62271 KUFRA	2413N	02318E	436		963.6	1011.1	33.6		9.4		0	0		5	367	95
EGYPT																
62306 MERSA MATRUH	3120N	02713E	28		1007.1	1010.5	26.2	1.2	25.1	1.2	0	0		0	386	104
62337 EL ARISH	3105N	03349E	32		1003.8	1007.6	27.0	1.0	25.3	2.2	0	0		0	372	100
62378 HELWAN	2952N	03120E	141		991.8	1008.1	29.3	1.6	18.1	-3	0	0		0	332	95
62387 MINYA	2805N	03044E	40		1002.0	1006.6	30.3	1.6			0	0		0	381	100
62403 SOUTH OF VALLEY UNIVERSITY	2612N	03245E	96		994.4	1004.9	34.0		17.6		0	0		0	362	110
62414 ASSWAN	2358N	03247E	200		983.5	1005.1	36.0	2.4	13.5	4.0	0	0			340	91
62417 SIWA	2912N	02519E	-13		1011.1	1009.6	31.9	2.0	18.3	3.0	0	0		0	398	113
62423 FARAFRA	2703N	02759E	78		999.8	1009.0	31.2	.9	14.0	2.3	0	0		0	391	
62435 KHARGA	2527N	03032E	78		996.6	1005.5	34.2	1.4			0	0		0	353	98
62453 ELHASANA	3027N	03346E	255		981.7	1007.7	27.4		21.2		0	0		0	369	105
62467 DAHAB	2829N	03430E	19		1003.6	1006.4	32.0		20.9		0	0		0	373	100
SUDAN																
62600 WADI HALFA	2149N	03121E	190		986.5	1006.9	35.9	3.1			0	0	-T	0	290	70
62640 ABU HAMED	1932N	03319E	312		969.3	1004.5	35.4	.9	16.9		3	15	10	5	206	50
62641 PORT SUDAN	1935N	03713E	42		999.6	1004.3	36.2	2.1	19.5		1	3	0	4	135	45
62650 DONGOLA	1910N	03029E	226		979.8	1005.5	36.4	2.8	13.6		3	11	11	5	259	60
62660 KARIMA	1833N	03151E	249		977.5	1006.2	35.3	.8	15.4		0	T	-007		215	50
62680 ATBARA	1742N	03358E	347		966.9	1004.7	34.4	.4	19.9		1	5	-14	4	194	45
62721 KHARTOUM	1536N	03233E	382		963.8	1006.3	32.2	.1	19.5		5	14	-32	3		
62730 KASSALA	1528N	03624E	500		956.1	1012.0	29.5	-5	21.2		7	41	-35	2	175	40
62751 WAD MEDANI	1424N	03329E	408		963.5	1008.7	29.2	-6	22.5		9	85	-3	4	160	40
62752 GEDAREF	1402N	03524E	599		942.0	1008.5	27.6	.5	23.1		12	218	35	4	182	45
62760 EL FASHER	1337N	02520E	733		926.7	1003.7	29.7	.8	28.3		8	108	49	5	218	55
62762 SENNAR	1333N	03337E	418		960.2	1006.7	28.3	-6	24.4		10	148	49	2	141	35
62770 GENINA	1329N	02227E	805		922.1	1008.6	27.9	1.0	16.6		14	208	41	5	180	45
62771 EL OBEID	1310N	03014E	574		945.2	1008.7	27.5	-1.0	23.0		10	193	95	5	119	45
62772 AROMA	1310N	03240E	381		965.9	1008.4	29.0	.3	24.3		10	115	18	4	161	60
62781 EN NAHUD	1242N	02826E	565		946.8	1008.8	29.3	.9	23.3		8	579	474	1	181	60
62795 ABU NA'AMA	1244N	03408E	445		959.0	1008.5	26.9	-6	24.6		13	234	98	5	238	70
62805 DAMAZINE	1147N	03423E	474		955.6	1008.1	27.3	.6	25.7		11	91	-98	1	141	35
62810 KADOLLI	1100N	02943E	499				27.7	.8	25.5		11	102	-32	4	139	30
62840 MALKAL	0933N	03139E	388		967.1	1001.0	28.0	1.5	25.6		12	212	66	5	118	30
62941 JUBA	0452N	03136E	460		958.8	1011.1	26.5	.6	2.7		15	194	58	4	112	35
UNITED REPUBLIC OF TANZANIA																
63756 MWANZA	0228S	03255E	1140		887.8	1514 Y	22.1		14.9		01	1	-12		305	
63832 TABORA AIRPORT	0505S	03250E	1190		883.8	1512 Y	22.0		13.3		0	0	0		101	
63862 DODOMA	0610S	03546E	1120		893.1	1539 Y	20.3		13.2		0	0	0	0	314	

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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.
63894 DAR ES SALAAM INT	0652S	03912E	55		1010.8	1017.1	23.9		22.7		1	6	-25		269	
63962 SONGEA	1041S	03535E	1067		900.6	1557 Y	18.1		13.3		1	2	-1	4	230	
63971 MTWARA	1016S	04011E	113		1004.3	1019.2	23.4		23.9		1	2	-12		269	
SEYCHELLES																
63980 SEYCHELLES INTERNATIONAL AIR	0440S	05531E	3		1011.2	1011.6	26.6	.8	27.6	.9	19	80	0	4	224	97
DEMO. REPUBLIC OF THE CONGO																
64005 MBANDAKA	0003N	01816E	345		974.2	1009.5	25.0		27.5		9	9		1		
64222 KIKWIT	0502S	01848E	518		955.7	1010.0	25.6		20.6							
64247 MBUJI-MAYI	0610S	02337E	677		936.2		25.2		18.3							
64360 LUBUMBASHI-LUANO	1140S	02729E	1298		874.0		18.3		13.5							
CHAD																
64700 NDJAMENA	1208N	01502E	295		976.2	1009.5	27.9		26.3	1.6	15	213	69		171	80
NIGERIA																
65123 MINNA	0937N	00632E	262		980.1	1012.3	25.8	.7	28.0	1.1	16	261	55	5	102	66
65167 YOLA	0914N	01228E	191		991.9	1012.9	27.0		29.3	1.8	11	176	8	3	169	84
65201 LAGOS/IKEJA	0635N	00320E	40		1009.4	1014.8	25.8		28.5	-1	10	131	-112	1	96	97
BENIN																
65306 KANDI	1108N	00256E	292		978.2	1010.8	27.0	.6	28.1	1.2	13	137	-59	1	181	81
65335 SAVE	0802N	00228E	200		989.6	1012.1	26.0	.6	27.0	1.1	8	99	-76	2	129	119
65344 COTONOU	0621N	00223E	9		1010.9	1012.0	26.6	.8	29.0	.9	8	297	150	5	159	117
TOGO																
65352 MANGO	1022N	00028E	146		995.0	1012.6	26.8	.4	29.1		11	193	-2	3		
65361 SOKODE	0859N	00109E	387				24.8		27.7		16	218	-15	3		
65376 ATAKPAME	0735N	00107E	402		966.8	1013.0	24.5	.4	25.4		10	188	-26	3	134	118
65387 LOME	0610N	00115E	25		1010.3	1013.1	26.6	1.3	28.1		4	121	30	4	178	132
GHANA																
65442 KUMASI	0643N	00136W	293		980.7	1014.0	25.1		26.5		7	83			128	35
BURKINA FASO																
65501 DORI	1402N	00002W	277		978.8	1009.5	29.7		25.6		10	134		4	223	80
65502 OUAHIGOUYA	1334N	00225W	337		972.1	1009.2	29.0		24.8		10	161		4	217	80
65503 OUAGADOUGOU	1221N	00131W	316		976.6	1010.7	27.5		26.8		12	235		4	188	80
65505 DEDOUGOU	1228N	00329W	300		977.0	1010.4	27.4		27.0		15	160		2	218	90

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
65507 FADA N'GOURMA	1202N	00022E	309		976.2	1010.7	26.7		28.4		11	175		3	200	85
65510 BOBO-DIOULASSO	1110N	00419W	460		960.1	1011.2	25.9		26.0		12	125		1	174	90
65516 BOROMO	1145N	00256W	271		980.3	1010.6	27.2		27.3		12	235		5	168	75
65518 PO	1109N	00109W	322		974.3	1010.4	26.2		27.4		11	157		2	171	75
65522 GAOUA	1020N	00311W	335		978.8	1011.6	26.3		27.2		8	169		3	204	100
COTE D'IVOIRE																
65578 ABIDJAN	0515N	00356W	8		1012.5	1013.4	26.0	1.3	29.3	1.6	12	220	15	4	165	126
MADAGASCAR																
67009 ANTSIRANANA	1221S	04918E	114		1004.4	1016.1	23.8	.3	15.0	-5.0	03	0004	-015	1	301	110
67012 FASCENE (NOSSI-BE)	1319S	04819E	10		1015.6	1016.6	24.0	1.7	20.5	-3.5	4	38	1	1		
67027 MAHAJANGA	1540S	04621E	26		1015.0	1017.1	25.1	.9	18.2	-1.7		3	2	0	277	95
67083 ANTANANARIVO/IVATO	1848S	04729E	1279		879.7	1564 Y	14.3	.2	12.4	-.3		3	-7	2	203	95
67095 TOAMASINA	1807S	04924E	6		1020.1	1020.8	21.8	1.4	22.0	.9	22	404	116	5	175	108
67157 FARAFANGANA	2248S	04750E	8		1021.1	1021.8					1			4		
67197 TAOLAGNARO	2502S	04657E	9		1022.0	1023.0	21.5	1.7	18.8	.3	14	953	805	3	194	92
MOZAMBIQUE																
67215 PEMBA	1259S	04032E	101		1007.2	1018.5	23.6				5	228				
67217 LICHINGA	1318S	03514E	1365		872.9	1588 Y	15.5		13.1		0	0		0		
67261 TETE	1611S	03335E	150		1004.1	1020.5	23.5		17.8		12	0033		3	212	
67283 QUELIMANE	1753S	03653E	16		1019.9	1021.8	21.7		21.4		11	74		5	675	
67297 BEIRA	1948S	03454E	16		1012.1	1021.0	21.2		20.0		9	73		5	198	
67323 INHAMBANE	2352S	03523E	15		1020.1	1021.7	21.0		17.7		7	75		2	233	70
67341 MAPUTO/MAVALANE	2555S	03234E	44				19.4				3	12		4	236	
MALAWI																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229						11.8		1	12		0		
ZAMBIA																
67633 MONGU	1515S	02309E	1053		900.6	1531 Y	19.8	2.0			0	0	0	1	257	82
67743 LIVINGSTONE	1749S	02549E	986		902.6	1508 Y			22.8		7	89	88	2		
ZIMBABWE																
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		873.3	1571 Y	13.7				0	0	-1		257	
NAMIBIA																
68014 GROOTFONTEIN	1936S	01807E	1411		861.1		12.6		8.1		0	0				
BOTSWANA																

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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.
68032 MAUN	1959S	02325E	945		914.2	1567 Y	18.0				0	0		0	259	85
NAMIBIA																
68110 WINDHOEK	2234S	01706E	1728		832.8		16.4		4.7		0	0			282	
68112 HOSEA KUTAKO INT'L AIRPORT	2229S	01728E	1715		838.2		14.7		4.3		0	0				
SOUTH AFRICA																
68174 PIETERSBURG	2350S	02925E	1228		886.9	1582 Y	12.3		9.1		0	T	-3	4	263	94
68242 MMABATHO	2547S	02532E	1281		880.8	1580 Y	13.1		6.4		0	0			278	
68262 PRETORIA	2544S	02811E	1326		879.0	1590 Y	12.9		7.5		00	0	-3	3	265	92
NAMIBIA																
68312 KEETMANSHOOP	2632S	01807E	1100		901.5		16.9		5.0		0	0			265	
SOUTH AFRICA																
68424 UPINGTON	2825S	02116E	851				15.2		5.9		0	0	-2	4	210	73
68438 KIMBERLEY	2848S	02446E	1204		889.6	1577 Y	11.4		5.3		0	0	-7	3	255	89
68442 BLOEMFONTEIN AIRPORT	2906S	02618E	1359				9.7		6.1		0	0	-9	3	241	89
68461 BETHLEHEM	2815S	02820E	1690		839.8	1587 Y	8.3		5.9		0	0		3	268	105
68512 SPRINGBOK	2940S	01754E	1007		907.8	1565 Y	15.0		6.3		2	26		3	258	
68538 DE AAR	3039S	02400E	1287		879.1	1568 Y	12.0		5.4		1	2		3	267	
68618 CALVINIA	3128S	01946E	975		911.2	1563 Y	12.4		6.3		3	16		3	258	105
68816 CAPE TOWN INTNL. AIRPORT	3358S	01836E	46				12.2		10.7		6	41	-42	1	227	118
68828 GEORGE AIRPORT	3401S	02223E	191		975.8	998.3	13.8		10.8		5	85			199	90
68842 PORT ELIZABETH	3359S	02537E	69				15.2		12.2		3	23	-24	2	224	99
68858 EAST LONDON	3302S	02750E	131		993.2	1006.8	16.6		11.7		2	14	-33	3	206	87
68906 GOUGH ISLAND	4021S	00953W	54		1010.2	1016.9	9.5		9.2		20	240	-33	2	76	107
68994 MARION ISLAND	4653S	03752E	22		1006.3	1009.3	4.6		6.9		19	171	-23	2	57	88
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7117N	15647W	12		1009.9	1010.6	5.6	1.5	8.1		5	42	19	5		
70133 KOTZEBUE, RALPH WIEN	6653N	16236W	5		1009.2	1009.9	10.4	-1.7	10.4		9	55	18	5		
70200 NOME, AK	6430N	16526W	6		1009.3	1010.3	11.1	.3	10.4		11	55	0	4		
70219 BETHEL/BETHEL AIRPORT, AK	6046N	16150W	44		1006.4	1012.1	11.8	-1.0	11.4		16	85	35	5		
70231 MCGRATH, AK	6257N	15530W	103		999.4	1012.1	14.5	-.3	11.9		14	50	-2	4		
70251 TALKEETNA	6218N	15000W	109		1001.2	1014.5	13.7	-1.0	11.9			114	22	4		
70261 FAIRBANKS/INT., AK	6448N	14750W	135		993.7	1010.6	17.1	.2	12.6		9	78	31	5		
70273 ANCHORAGE/INT., AK	6109N	14950W	50		1009.3	1014.3	13.6	-1.1	12.0		13	83	40	5		
70308 ST. PAUL ISLANDS, AK	5709N	17013W	10		1010.6	1011.7	7.5	-.3	9.6		5	16	-32	2		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
70316 COLD BAY, AK	5512N	16240W	31		1009.6	1013.5	9.8	-5	10.7		11	64	0	4		
70326 KING SALMON, AK	5840N	15630W	14		1010.9	1012.7	10.9	-1.7	11.0		19	84	28	6		
70341 HOMER/MUNICIPAL	5938N	15130W	24		1012.0	1014.7	11.1	-8	11.2			88	51	5		
70361 YAKUTAT, AK	5931N	13940W	13		1017.3	1018.6	12.8	.8	12.2		20	237	30	5		
70398 ANNETTE ISLAND, AK	5502N	13130W	35		1015.9	1020.1	15.7	1.1	12.8		7	89	-19	3		
USA																
72201 KEY WEST/INT., FL	2433N	08145W	5		1015.4	1016.2	29.0	-1	30.2		9	152	61	5		
72202 MIAMI, FL	2545N	08023W	5		1015.5	1016.7	29.4	1.3	28.8		14	187	43	5		
72203 WEST PALM BEACH/ INT. FL.	2641N	08006W	7		1015.6	1016.5	29.4	1.5	28.4		10	117	-39	3		
72205 ORLANDO/JETPORT FL.	2826N	08119W	32		1013.3	1017.1	28.9	1.0	26.0		12	108	-76	1		
72206 JACKSONVILLE/INTNL.,	3029N	08142W	11		1015.7	1017.0	28.7	1.1	26.4		9	101	-41	2		
72207 SAVANNAH/MUNICIPAL,	3208N	08112W	15		1015.2	1017.1	28.8	1.1	26.4		9	55	-107	2		
72208 CHARLESTON/MUN., SC.	3253N	08001W	15		1015.4	1017.1	28.2	.7	28.5		12	251	78	5		
72211 TAMPA/INT., FL.	2758N	08232W	8		1016.5	1016.9	29.0	1.0	26.6		10	154	-13	3		
72214 TALLAHASSEE/MUN.,	3023N	08421W	19		1014.3	1016.8	29.1	1.7	26.6		16	302	78	5		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110		1003.7	1016.5	28.5	1.2	25.5		6	177	68	5		
72218 AUGUSTA/BUSH FIELD,	3322N	08158W	45		1011.2	1016.5	28.7	1.6	25.1		9	149	42	5		
72219 ATLANTA/MUN., GA.	3339N	08425W	315		980.8	1016.9	27.9	1.9	24.6		8	111	-16	4		
72223 MOBILE/BATES FIELD,	3041N	08815W	67		1008.9	1016.8	28.6	.7	27.5		13	112	-62	2		
72226 MONTGOMERY/DANNELLY,	3218N	08624W	67		1009.3	1016.5	29.2	1.8	25.1		8	96	-35	3		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9		1015.3	1016.5	29.3	1.6	28.9		11	169	14	4		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94		1005.5	1016.6	28.1		26.1		12	74		3		
72235 JACKSON/ALLEN C. THOMPSON FI	3219N	09004W	91		1004.5	1016.3	28.6	1.1	26.2		10	84	-30	2		
72240 LAKE CHARLES/MUN.,	3007N	09312W	5		1015.1	1016.3	29.3	1.4	28.8		11	174	42	4		
72242 GALVESTON, TX.	2918N	09448W	16		1015.0	1015.2	28.4	-1	30.6		10	121	21	5		
72243 HOUSTON/INTERCONTINENTAL, TX	2958N	09521W	33		1011.2	1015.1	28.9	.8	28.8		12	328	237	6		
72247 LONGVIEW, TX.	3221N	09439W	124		1002.1	1015.1	28.9		28.1		8	88				
72248 SHREVEPORT/REG., LA.	3227N	09350W	85		1006.2	1015.2	28.8	.6	27.6		10	150	57	5		
72250 BROWNSVILLE/INT., TX	2555N	09725W	8		1012.5	1013.2	29.4	.2	29.9		7	131	83	5		
72251 CORPUS CHRISTI/INT.,	2746N	09730W	15		1012.2	1013.7	29.1	.2	30.2		8	199	139	5		
72253 SAN ANTONIO/INT.,	2932N	09828W	247		986.2	1013.5	28.8	-6	26.7		6	93	39	5		
72254 AUSTIN/CTY, TX.	3018N	09742W	193		991.4	1014.0	29.2	.0	26.4		7	86	35	5		
72255 VICTORIA/VICTORIA REGIONAL,	2851N	09655W	36		1010.3	1014.4	29.1	.2	30.4		9	226	142	5		
72256 WACO, MADISON-COOPER,	3137N	09713W	157		996.5	1014.3	30.2	.4	26.3		7	85	35	5		
72259 DALLAS-FORT WORTH/FORT WORTH	3254N	09702W	182		993.0	1013.8	30.0	.4	25.2		7	80	22	5		
72263 SAN ANGELO/MATHIS,	3122N	10030W	584		948.1	1013.2	28.7	.5	22.5		6	44	18	5		
72265 MIDLAND/MIDLAND REG. AIR TER	3156N	10210W	875		915.9	1012.2	26.5	-1.3	22.0		7	47	4	5		
72266 ABILENE/MUN., TX.	3225N	09941W	546		952.2	1013.6	28.0	-9	23.2		9	157	104	5		
72267 LUBBOCK/LUBBOCK INTERNATIONAL	3339N	10140W	996		904.1	1012.8	25.2	-1.5	22.2		9	181	121	5		
72270 EL PASO/INT., TX.	3148N	10620W	1206		881.1	1009.4	28.4	.5	16.3		4	27	-12	4		
72274 TUCSON/INT., AZ.	3207N	11050W	788		923.4	1008.4	31.6	1.3	15.5		8	69	9	5		
72278 PHOENIX/SKY HARBOR.	3326N	11200W	344		968.8	1006.4	36.0	1.8	16.2		3	50	29	5		
72290 SAN DIEGO/LINDBERGH,	3244N	11710W	9		1012.3	1013.3	18.8	-2.9	16.4		01	1	0	5		
72295 LOS ANGELES /INT.,	3356N	11820W	38		1001.0	1012.7	18.7	-1.9	15.6		0	0	-1	4		
72304 CAPE HATTERAS, NC.	3516N	07533W	3		1016.2	1016.7	25.6	-1	28.6		9	160	34	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.
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134		1000.8	1016.3	27.9	2.3	22.3		9	74	-27	3		
72308 NORFOLK/INT., VA.	3654N	07612W	9		1014.3	1015.5	28.2	2.5	22.5		5	149	21	5		
72310 COLUMBIA, SC.	3357N	08107W	72		1008.5	1016.4	29.1	2.0	24.5		10	173	34	5		
72312 GREENVILLE/GREENVILLE SPARTA	3454N	08213W	296		982.2	1016.2	27.7	2.0	22.4		5	154	37	4		
72314 CHARLOTTE/DOUGLAS,	3513N	08056W	234		989.6	1016.6	27.8	1.5	22.6		7	63	-36	3		
72315 ASHEVILLE/MUN., NC.	3526N	08233W	661		942.9	1017.6	24.6	1.9	21.1		10	90	-24	4		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	277		985.4	1016.5	26.9	2.0	21.1		6	186	72	5		
72323 HUNTSVILLE/MADISON CO., AL.	3439N	08646W	196		993.9	1016.6	28.7	2.6	26.0		7	51	-72	1		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210		992.5	1016.7	28.6	2.7	22.7		9	67	-56	3		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299		982.0	1016.3	27.7	2.9	23.2		9	150	32	5		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180		994.9	1016.4	28.0	1.7	23.3		9	149	49	5		
72340 LITTLE ROCK/ADAMS FLD,	3450N	09216W	173		1006.3	1015.8	30.0		26.6		5	30		2		
72344 FORT SMITH/MUN., AR.	3520N	09422W	143		998.2	1014.5	29.1	1.6	27.5		4	63	-12	4		
72351 WICHITA FALLS/SHEPS AFB/WICH	3358N	09829W	314		977.4	1013.2	28.7	-.7	24.8		16	127	84	6		
72353 OKLAHOMA CITY/W. ROGERS WORL	3523N	09736W	398		968.1	1013.4	28.1	.3	26.3		7	150	84	5		
72360 CLAYTON/MUN., NM.	3627N	10300W	1515		849.4	1012.1	25.5	2.0	16.2		7	90	22	4		
72365 ALBUQUERQUE/INT., NM.	3502N	10630W	1619		839.4	1011.0	26.3	.5	13.1		5	55	21	5		
72386 LAS VEGAS/MCCARRAN,	3655N	11510W	664		931.2	1004.9	35.6	2.8	9.3		0	0	-8	1		
72389 FRESNO/AIR TERM.,	3646N	11940W	101		998.1	1009.7	28.3	.6	13.2		0	0	-1	5		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54		1009.5	1015.8	28.2	2.6	19.7		6	30	-97	2		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20		1012.9	1015.2	28.4	1.7	19.8		6	131	35	5		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	48		1009.1	1014.7	27.5	2.5	20.6		8	111	18	5		
72407 ATLANTIC CITY, NJ.	3927N	07434W	21		1012.4	1014.9	26.6	2.9	21.8		7	86	-11	4		
72408 PHILADELPHIA/INT.,	3953N	07515W	9		1013.5	1014.6	27.6	2.8	19.7		8	160	52	5		
72411 ROANOKE/MUN., VA.	3719N	07958W	358		975.7	1016.9	26.3	2.1	19.7		10	146	47	5		
72412 BECKLEY (RALEIGH CTY. MEMORI	3747N	08107W	766		931.1	1017.0	22.6	1.7	20.0		10	149	30	4		
72414 CHARLESTON/KANAWHA.,	3822N	08136W	299		981.9	1016.5	25.4	1.5	21.4		10	197	71	5		
72421 CINCINNATI/GREATER CINCINNAT	3903N	08440W	271		984.8	1015.9	25.5	1.6	23.3		6	61	-46	3		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301		981.7	1016.6	25.6		22.6		8	154		5		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	151		998.6	1015.8	28.3	3.2	23.9		9	133	19	5		
72425 HUNTINGTON, WV.	3822N	08233W	255		986.7	1016.4	25.0	1.3	22.8		10	145	27	4		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08253W	254		986.9	1015.9	25.0	2.1	20.9		8	153	44	5		
72429 DAYTON/ COX, OH.	3952N	08407W	307		980.9	1016.6	24.7	1.3	20.9		6	70	-19	4		
72432 EVANSVILLE/REG., IN.	3803N	08732W	127		1001.8	1015.9	27.0	1.2	24.1		10	89	-13	4		
72434 ST. LOUIS/LAMBERT,	3845N	09022W	174		989.8	1014.4	28.0	1.4	25.1		13	170	73	5		
72438 INDIANAPOLIS/I.-MUN/WEIR COO	3944N	08616W	246		986.5	1015.3	26.0	1.9	23.1		9	73	-40	3		
72439 SPRINGFIELD/CAPITAL,	3951N	08940W	187		993.2	1015.1	26.0	1.3	24.7		9	149	60	5		
72445 COLUMBIA/REGIONAL,	3849N	09213W	274		983.0	1014.8	25.3	.1	26.9		12	191	98	6		
72451 DODGE CITY/MUN., KS.	3745N	09958W	790		923.5	1011.8	26.6	-.2	20.1		6	213	131	5		
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	453		960.9	1012.7	26.6	.2	24.6		6	130	38	5		
72476 GRAND JUNCTION/WALKER FIELD,	3907N	10830W	1474		851.6	1009.5	26.8	.8	10.8		2	12	-4	5		
72483 SACRAMENTO/EXECUTIVE CA.	3831N	12130W	8		1009.5	1010.5	23.3	-1.0	14.2		0	0	-1	5		
72486 ELY/YELLAND, NV.	3917N	11450W	1909		810.1		20.2	.5	6.7		4	43	26	5		
72488 RENO/INT., NV.	3930N	11940W	1344		865.6	1011.4	25.5	3.5	6.6		1	9	2	5		
72494 SAN FRANCISCO/INT.,	3737N	12220W	6		1012.6	1013.4	17.2	.1	13.5		0	0	-1	4		
72503 NEW YORK/LA GUARDIA,	4046N	07354W	9		1012.5	1013.7	28.2	3.5	19.2		5	64	-39	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.
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19		1011.4	1013.7	25.2	2.6	20.5		8	94	14	5		
72508 HARTFORD/BRADLEY INTNL., CT.	4156N	07241W	55		1006.9	1013.4	25.1	1.9	19.1		8	84	3	5		
72509 BOSTON/LOGAN INT.,	4222N	07102W	9		1012.0	1013.1	25.1	2.0	18.6		7	68	-4	4		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	292		980.7	1014.4	23.8	1.7	17.8		7	63	-33	2		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497		957.9	1015.7	22.4	1.7	17.7		9	76	-12	3		
72517 ALLENTOWN/A.-BETHLEHEM-EASTO	4039N	07526W	118		1000.8	1014.6	24.7	1.3	20.2		8	225	120	5		
72519 SYRACUSE/HANCOCK,	4307N	07607W	128		999.1	1013.8	23.6	2.3	19.8		6	109	13	5		
72520 PITTSBURGH/GREATER PITTSBURG	4030N	08013W	373		973.3	1016.7	24.2	1.9	18.8		7	73	-22	2		
72521 AKRON/AKRON-CANTON REG. OH.	4055N	08126W	377		972.3	1016.1	23.8	1.6	19.6		8	103	0	4		
72525 YOUNGSTOWN, OH.	4116N	08040W	365		973.9	1016.1	22.7	1.4	18.2		9	81	-22	3		
72528 BUFFALO/GREATER BUFFALO INT.	4256N	07843W	219		989.4	1014.7	23.0	1.3	19.0		5	81	3	5		
72529 ROCHESTER/ROCHESTER-MONROE C	4307N	07740W	171		994.6	1014.5	23.2	2.0	19.5		7	145	77	6		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205		990.3	1014.6	25.4	2.5	20.4		8	225	132	6		
72532 PEORIA/GREATER PEORIA MUN.,	4040N	08941W	202		991.1	1014.8	25.5	1.3	23.7		9	113	7	5		
72533 FORT WAYNE/MUN.,	4100N	08512W	252		986.5	1015.9	25.3	2.0	21.6		5	70	-17	4		
72535 SOUTH BEND/ST.JOSEPH CO., IN	4142N	08619W	241		987.8	1015.4	24.2	1.5	21.2		11	111	14	5		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211		990.4	1015.3	24.8	2.5	19.4		10	127	44	5		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202		992.5	1015.0	24.9	2.5	19.7		11	135	55	5		
72543 ROCKFORD/GREATER ROCKFORD, I	4212N	08906W	226		989.5	1014.9	24.2	1.3	21.4		7	239	135	6		
72544 MOLINE/QUAD CITY,	4127N	09031W	181		993.0	1014.3	25.5	1.5	23.3		10	145	20	5		
72546 DES MOINES/MUN., IA.	4132N	09339W	294		979.3	1013.4	25.7	.9	24.2		11	138	42	5		
72550 EPPLEY FIELD, OMAHA,	4118N	09554W	300		978.3	1013.1	25.7	.8	24.3		7	161	72	5		
72551 LINCOLN/MUN., NE.	4051N	09645W	365		971.1	1013.0	24.6	-1.1	25.1		7	148	67	5		
72556 NORFOLK/KARL STEFAN,	4159N	09726W	479		958.5	1013.2	24.1	.0	23.0		10	87	6	5		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336		973.7	1012.9	24.0	-.3	23.9		12	237	154	5		
72562 NORTH PLATTE/LEE BIRD, NE.	4107N	10040W	849		916.9	1012.5	23.8	.5	20.8		9	101	24	5		
72564 CHEYENNE, WY.	4109N	10440W	1876		814.0	1012.5	20.3		11.1		4	54		5		
72569 CASPER/NATRONA COUNTY, INTNL	4255N	10620W	1630		837.9	1011.6	20.7	-.9	9.1		5	27	-5	4		
72572 SALT LAKE CITY/INTNL UT.	4047N	11150W	1288		869.7	1009.6	26.1	.6	8.9		2	4	-16	3		
72576 LANDER/HUNT, WY.	4249N	10840W	1703		829.4	1011.0	21.5	-.2	9.4		3	16	-4	4		
72578 POCATELLO/MUN., ID.	4255N	11230W	1365		863.1	1012.6	20.4	-1.0	9.8		1	2	-14	2		
72583 WINNEMUCCA/MUN., NV.	4054N	11740W	1322		867.7	1011.3	22.9	.6	6.1		1	31	25	6		
72594 EUREKA, CA.	4048N	12410W	18				12.9	-1.0			01	1	-2	4		
72597 MEDFORD/MEDFORD-JACKSON COUN	4223N	12250W	398		966.6	1013.3	24.2		12.0		0	0		1		
72605 CONCORD/MUN., NH.	4312N	07130W	105		1000.5	1013.1	23.2		17.5		7	33		2		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	23		1010.3	1012.7	22.4	2.1	19.7		6	103	25	5		
72617 BURLINGTON/INT., VT.	4428N	07309W	104		1000.4	1012.7	23.0	1.6	19.3		9	57	-35	3		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245		986.3	1015.1	24.2	2.2	20.9		10	103	22	4		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193		992.0	1014.8	23.9	2.6	21.4		9	89	36	5		
72637 FLINT/BISHOP, MI.	4258N	08345W	238		987.5	1015.0	23.5	2.1	19.6		6	63	-5	4		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	220		989.3	1014.3	24.2	2.6	21.2		8	278	190	6		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264		983.0	1014.1	23.6	1.9	21.2		9	203	117	6		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402		966.9	1014.0	22.6	1.0	21.9		8	126	20	4		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08806W	209		988.3	1013.8	22.5	1.6	20.2		16	242	164	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435		962.4	1012.9	23.0	-.5	22.1		11	217	149	6		
72654 HURON/HURON REGIONAL SD.	4423N	09813W	393		966.2	1011.8	23.7	.1	19.7		8	164	97	6		

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUANTILE	TOTAL	% of AV.
72658 MINNEAPOLIS/ST.PAUL INT., MN	4453N	09313W	256		982.7	1012.7	24.6	1.5	19.7		11	77	-12	4		
72659 ABERDEEN/REG., SD.	4527N	09824W	398		965.6	1011.7	22.5	-2	18.9		11	82	13	4		
72662 RAPID CITY/REGIONAL AIRPORT,	4440N	10310W	1030		903.8	1012.5	21.4	-9	15.7		7	42	-9	4		
72666 SHERIDAN/COUNTY, WY.	4446N	10650W	1226		878.2	1012.4	20.4	-5	12.0		6	39	17	5		
72677 BILLINGS/LOGAN INT.,	4548N	10830W	1099		890.7	1012.1	22.0	-5	11.2		6	43	20	5		
72681 BOISE/MUN., ID.	4334N	11610W	872		913.4	1011.3	24.3	1.0	9.0		1	2	-6	3		
72688 PENDLETON, OR.	4541N	11850W	456		959.7	1012.5	21.9	-8	9.2			2	-6	3		
72698 PORTLAND/INT., OR.	4536N	12230W	12		1013.1	1016.9	19.7	-4	13.1		2	18	2	5		
72712 CARIBOU/MUN., ME.	4652N	06800W	191		987.8	1010.6	20.7	2.1	18.2		12	111	10	5		
72743 MARQUETTE, MI.	4632N	08733W	434				20.0	1.6			13	131	58	5		
72745 DULUTH/INT., MN.	4650N	09211W	436		962.1	1012.9	20.3	1.4	16.5		10	75	-16	3		
72747 INT.FALLS/FALLS INT. MN.	4833N	09323W	362		968.9	1011.6	19.1	-2	17.7		10	224	133	5		
72753 FARGO/HECTOR FIELD,	4654N	09648W	274		979.2	1011.4	22.2	.5	18.1		8	108	40	5		
72764 BISMARCK/MUN., ND.	4646N	10040W	505		953.3	1012.0	21.5	.2	16.2		9	75	21	5		
72767 WILLISTON/SLOULIN FIELD INT.	4811N	10330W	592		944.5	1011.7	20.8	-7	13.9		9	99	46	5		
72768 GLASGOW/INT., MT.	4812N	10630W	693		931.3	1011.8	20.8	-8	12.5		7	55	12	5		
72772 HELENA/COUNTY-CITY,	4636N	11200W	1188		881.6	1014.5	19.7	-1.0	9.2		4	10	-17	3		
72773 MISSOULA / JOHNSON-BELL FIEL	4655N	11400W	976		904.1	1014.2	19.4	.1	9.4		3	12	-11	3		
72781 YAKIMA/YAKIMA AIR TERMINAL,	4634N	12030W	332		975.2	1013.1	22.1	1.0	9.5			2	-2	4		
72785 SPOKANE/INT., WA.	4738N	11730W	721		930.8	1013.3	20.5	.1	10.3		2	9	-8	4		
72792 OLYMPIA, WA.	4658N	12250W	62		1010.2	1017.6	16.9	-3	13.2		1	5	-15	3		
72793 SEATTLE/S.-TACOMA,	4727N	12210W	137		1001.7	1018.2	18.1	-3	12.8		2	8	-11	3		
72797 QUILLAYUTE, WA.	4757N	12430W	56		1010.7	1018.3	14.3		13.3		3	10		1		
74745 AUSTIN-BERGSTROM INTL AIRPOR	3011N	09741W	202		996.8	1013.9	28.9		27.1		9	136				
CANADA																
71018 RESOLUTE CS, NU	7442N	09459W	68		1001.9	1010.4	5.2		7.3		4	29				
71026 MEDICINE HAT RCS, ALTA	5001N	11040W	717		929.1	1012.1	18.5		12.6		7	23		2		
71029 HOLMAN CS, NWT	7045N	11740W	30		1006.8	1010.6	11.2		9.5		3	14				
71049 WAGER BAY (AUT), MAN	6552N	08926W	18		1008.5	1010.8	13.0		9.8							
71066 HIGH LEVEL A, ALTA	5837N	11700W	338		969.1	1009.6	17.1	.9	14.1		11	56	-5	2		
71069 SLAVE LAKE A, ALTA	5517N	11440W	583		943.3	1011.7	16.6	.9	12.9		5	56	-40	1		
71074 ISACHSEN (AUT), NU	7847N	10330W	58		1001.3	1008.7	3.9		7.0		0	0				
71079 THOMPSON	5548N	09752W	222		981.7	1008.6	17.8	2.1	14.4		11	91	7	4		
71109 PORT HARDY A, BC	5040N	12720W	22		1017.6	1020.3	14.1	.4	12.0		2	6	-50	0		
71120 COLD LAKE A, ALTA	5425N	11010W	541		947.8	1011.7	17.3	.3	14.2		14	186	101	6		
71122 BANFF CS, ALTA	5112N	11530W	1397		858.6	1014.6	13.9	-9	8.3		4	18	-33	1		
71158 BERENS RIVER CS, MAN	5221N	09702W	222		982.2	1009.7	17.7		16.2		15	98		5		
71160 FORT RELIANCE (AUT), NWT	6242N	10900W	168		987.6	1008.1	16.2		12.0		2	15		1		
71185 DANIELS HARBOUR,	5014N	05734W	18		1011.1	1013.0	12.7	-1.6	12.8		21	166	69	5		
71197 PORT AUX BASQUES,	4734N	05909W	40		1007.4	1012.3	15.0	1.5	15.7		13	188	82	5		
71199 WATSON LAKE (AUT), YT	6007N	12840W	690		932.6	1013.4	15.8		9.6		9	32		2		
71279 SEPT-ILES, QUE	5013N	06615W	53		1002.3	1008.7	16.0		14.8		7	94				
71288 CAMBRIDGE BAY GSN, NU	6906N	10500W	19		1007.8	1010.2	10.1		9.8		3	15				
71299 KAPUSKASING CDA ON, ONT	4924N	08226W	218		984.1	1009.4	18.2		16.5		13	78		2		
71309 MOOSONEE RCS, ONT	5117N	08037W	9		1008.0	1009.1	18.3		15.3		13	148				

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
71320 HALL BEACH CLIMATE, NU	6846N	08114W	8		1008.8	1009.2	7.7		8.5		2	6				
71321 IQALUIT CLIMATE, NU	6345N	06833W	34		1005.8	1010.0	9.1		9.3		9	60				
71322 ARVIAT CLIMATE, NU	6106N	09404W	10		1007.1	1008.3	10.8		11.0		9	58				
71350 HARRINGTON CDA CS, PEI	4621N	06310W	53		1004.9	1011.2	19.8		18.7		10	88				
71355 ALERT CLIMATE, NU	8230N	06220W	65		999.5	1007.9	5.5		7.0		6	20				
71356 BAKER LAKE CLIMATE, NU	6419N	09600W	51		1003.0	1009.3	12.3		10.8		12	100				
71358 CLYDE RIVER CLIMATE, NU	7029N	06831W	27		1006.3	1009.7	6.8		7.7							
71361 HAY RIVER CLIMATE, NWT	6050N	11540W	164		987.5	1007.3	17.3		13.7		5	23				
71362 FORT SMITH CLIMATE, NWT	6001N	11150W	203		982.8	1007.3	17.5		12.6		5	25				
71363 GJOA HAVEN CLIMATE, NU	6838N	09551W	42		1005.2	1010.4	8.8		8.8		2	6				
71364 INUVIK CLIMATE, NWT	6819N	13330W	103		997.2	1009.9	14.3		11.6		10	44				
71365 FORT SIMPSON CLIMATE, NWT	6145N	12110W	168		987.6	1008.0	18.0		14.3		10	88				
71407 RESERVED OR UNKNOWN	9999N	99999E			1008.8	1010.9	11.0		8.7		2	5				
71434 PEAWANUCK (AUT), ONT	5459N	08526W	52		1001.5	1007.9	15.1		13.2		8	29				
71446 SWIFT CURRENT CDA, SASK	5016N	10740W	825		917.1	1012.8	17.0		13.3		10	71	4			
71467 SACHS HARBOUR CLIMATE, NWT	7200N	12510W	88		999.2	1010.2	8.5		8.7		3	7				
71480 RESERVED OR UNKNOWN	9999N	99999E			997.3	1008.9	17.2		12.5		14	44				
71490 ROBERTSON LAKE (AUT), NU	6505N	10220W	244		980.7	1011.0	13.2		11.1		3	21				
71493 PARRSBORO, NS	4524N	06420W	31		1008.1	1011.8	18.4		17.5		7	131				
71550 DAUPHIN CS, MAN	5106N	10000W	305				18.9				8	86				
71570 GREAT FALLS CLIMATE, MAN	5031N	09558W	253		980.4	1010.5	19.9		15.9		8	67				
71585 FORT MCMURRAY CS, ALTA	5639N	11110W	369				17.0		11.9		11	61				
71586 LA RONGE RCS, SASK	5509N	10510W	379		964.5	1009.5	17.4		13.7		8	134	5			
71590 EDMUNDSTON, NB	4725N	06819W	157		991.7	1010.2	19.3		17.7		11	160				
71600 SABLE ISLAND, NS	4355N	06000W	5		1013.4	1014.0	17.3	1.8	19.2							
71695 THE PAS CLIMATE, MAN	5358N	10106W	274		976.2	1008.4	18.8		14.7		13	85				
71696 CHURCHILL CLIMATE, MAN	5844N	09404W	29		1003.5	1007.1	14.0		12.5		9	72				
71713 LA POCATIERE, QUE	4721N	07001W	31				20.1		18.4		14	58	3			
71721 MANIWAKI AIRPORT, QUE	4616N	07559W	201		988.8	1012.6	20.7		17.5		10	101	4			
71727 BAGOTVILLE A, QUE	4820N	07100W	159		991.5	1010.5	20.2	2.2	17.0		17	98	2			
71733 GORE BAY A, ONT	4553N	08234W	194				20.8	1.7			6	18	-34	1		
71741 KAMLOOPS AUT, BC	5042N	12026W	345		972.6	1013.1	21.9				5	18				
71742 GANDER AIRPORT CS, NFLD	4856N	05434W	151		993.2	1011.3	17.7		15.9		15	121				
71743 RIVIERE AUX FEUILLES, QUE	5754N	07258W	171		987.6	1008.5	12.7		10.5		5	29				
71813 NATASHQUAN A, QUE	5011N	06149W	11		1007.4	1008.7	15.8	1.6	14.7		11	92	5	3		
71816 GOOSE A, NFLD	5319N	06025W	49		1002.1	1008.1	16.0	.5	13.5		17	128	9	4	195	100
71818 CARTWRIGHT, NFLD	5342N	05702W	15		1007.0	1008.8	13.2	.9	12.5		15	101	13	3	197	105
71823 LA GRANDE IV A, QUE	5345N	07340W	306		971.8	1008.6	14.9		12.8		17	126		4		
71827 LA GRANDE RIVIERE A,	5338N	07742W	195		985.2	1008.8	15.8		13.2		12	122		5		
71828 SCHEFFERVILLE A, QUE	5448N	06648W	518		947.1	1009.0	13.3	.9	11.7		20	140	37	5		
71842 SIOUX LOOKOUT A, ONT	5007N	09154W	390		966.0	1011.4	19.8	1.2	16.5		12	189	96	6		
71844 BIG TROUT LAKE READAC, ONT	5348N	08953W	222		981.9	1008.6	17.8		15.8		18	108		5		
71862 ESTEVAN A, SASK	4913N	10250W	584		944.5	1012.5	18.5	-1.6	15.4		9	55	-6	3		
71869 PRINCE ALBERT A, SK	5313N	10540W	428		960.2	1011.0	18.0	.4	15.1		12	92	20	4		
71894 ESTEVAN POINT CS, BC	4923N	12630W	7		1017.6	1018.5	13.3		13.0		1	3		1		
71906 KUUJUAQ A, QUE	5806N	06825W	44		1003.4	1008.2	12.9	1.9	10.6		7	38	-19	2		

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
71907 INUKJUAK A, QUE	5828N	07805W	28		1005.4	1008.6	12.5	3.4	11.3		9	43	-12	2		
71915 CORAL HARBOUR A,	6411N	08321W	64		1002.7	1010.7	11.8	2.9	9.0			2	-40	1		
71917 EUREKA, NU	7959N	08556W	11		1005.7	1007.0	6.7	1.3	6.1		6	17	6	4		
71923 ENNADAI LAKE (AUT), NU	6107N	10050W	353		966.3	1009.3	16.2		12.2		5	20				
71945 FORT NELSON A, BC	5850N	12230W	389		965.1	1010.6	17.9	1.2	10.6		6	55	-28	2		
71950 SMITHERS A, BC	5449N	12710W	522		955.2	1016.6	15.6	.7			2	10	-35	1		
71964 WHITEHORSE A, YT	6042N	13500W	706		931.8	1015.3	14.2	.2	8.6		6	14	-24	1		
71966 DAWSON, YT	6403N	13900W	370		967.0	1011.5	15.8		11.5		11	48		3		
71984 PAULATUK, NWT	6921N	12400W	6		1008.7	1009.5	12.2		10.5		5	29				
71989 MOULD BAY CS, NWT	7614N	11920W	2		1007.4	1009.0	4.5		7.4		3	10		3		
71990 MACMILLAN PASS, NWT	6314N	13000W	1379		859.0	1015.0	11.2		8.5		4	13				
MEXICO																
76243 PIEDRAS NEGRAS, COAH.	2842N	10030W	250		985.2	1013.0	30.1		28.6		9	160		4	238	
76256 EMPALME, SON.	2757N	11040W	12		1007.8	1009.2	31.5		29.9		3	38		3	285	
76311 CHOIX, SIN.	2644N	10810W	238		982.5	1009.2	30.2		27.9		12	143		1	182	
76342 MONCLOVA, COAH.	2634N	10120W	615		944.8	1012.7	27.2		25.6		13	355		6	221	150
76382 TORREON, COAH.	2532N	10320W	1124		888.7	1007.8	27.5		23.8		13	166		6	216	
76390 SALTILLO, COAH.	2522N	10100W	1790		823.8	1011.1	18.9		18.0		17	293		6	205	135
76402 CIUDAD CONSTITUCION, BCS	2457N	11140W	48		1005.7	1011.2	25.7		20.6		0	0		0	334	
76405 LA PAZ, BCS	2410N	11010W	18		1008.5	1010.6	28.3		22.8		0	0		0	342	
76423 DURANGO, DGO.	2403N	10430W	1872		815.3	1007.0	20.9		16.8		16	176		4	216	
76458 COLONIA JUAN CARRASCO MAZATL	2312N	10620W	4		1010.4	1010.9	28.4	-3	29.7	-9	12	226	14	3	198	89
76556 TEPIC, NAY.	2131N	10450W	915		910.1	1009.9	23.2		26.2		24	523		5	112	115
76577 GUANAJUATO, GTO.	2100N	10110W	1999		804.2	1009.6	19.8	.5	17.7	2.5	17	203	45	1	157	78
76581 RIO VERDE, S.L.P.	2156N	09959W	983		904.6	1012.3	23.5		23.7		19	384		5	130	85
76585 MATLAPA, S.L.P.	2119N	09849W	132		997.2	1012.6	26.2		30.0		21	982		6	138	130
76634 TULANCINGO, HGO.	2005N	09822W	2181		785.6	1013.2	16.5		16.1		28	257		6	149	145
76640 TUXPAN, VER.	2057N	09724W	28		1012.9	1014.0	27.6		34.2		23	618		5	171	
76644 AEROP.INTERNACIONAL MERIDA,	2059N	08939W	9		1011.9	1013.1	27.6	.2	30.2	2.2	17	220	58	4	239	97
76647 VALLADOLID, YUC.	2041N	08812W	27		1013.2		27.5		31.3		18	197		4	202	
76654 MANZANILLO, COL.	1903N	10410W	3		1011.8	1012.2	28.2		31.3		14	355		5	141	135
76656 CIUDAD GUZMAN, JAL.	1943N	10320W	1515		850.2	1011.4	20.5		19.3		20	166		3	136	
76665 MORELIA, MICH.	1942N	10110W	1913		811.5	1009.6	19.2	.7	17.4	2.4	24	296	120	6	131	95
76675 TOLUCA, MEX.	1917N	09941W	2720		738.2	1010.2	14.5		12.6		25	380		5	126	
76683 TLAXCALA, TLAX.	1919N	09815W	2248		782.0	1012.0	16.9		15.4		20	174		5	106	125
76685 PUEBLA, PUE.	1903N	09810W	2179		786.6	1009.5	17.5		14.9		21	252		6	155	140
76687 JALAPA, VER.	1933N	09655W	1389		867.7	1013.7	20.3		19.6		26	327		6	111	130
76692 HACIENDA YLANG YLANG VERACRU	1909N	09607W	16		1010.4	1012.3	27.9		31.3	1.9	21	432	21	4	186	91
76695 CAMPECHE, CAMP.	1951N	09033W	5		1010.6	1011.3	28.2		30.3		14	400		5	227	
76698 FELIPE CARRILLO PUERTO, Q.RO	1942N	08754W	12		1012.3	1013.5	28.8		31.2		18	380		6	181	
76726 CUERNAVACA, MOR.	1853N	09914W	1618		839.0	1008.9	20.5		17.3		28	533		5	128	105
76737 ORIZABA, VER.	1851N	09706W	1259		876.7	1012.4	20.9		20.6		27	617		5	114	145
76743 VILLAHERMOSA, TAB.	1759N	09256W	16		1010.4	1011.2	28.7		31.1		15	371		5	160	145
76750 CHETUMAL, Q.R.	1829N	08818W	7		1000.9	1001.9	29.0		31.1		14	196		4	143	125
76805 ACAPULCO, GRO.	1650N	09956W	3		1011.2	1011.6	28.7	.2	33.6	2.3	16	272	63	4	222	100

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
76845 SN. CRISTOBAL LAS CASAS, CHI	1645N	09238W	2116		793.4	1011.2	17.0		1.6		17	250		6	143	
76848 COMITAN, CHIS.	1615N	09208W	1646		837.7	1006.7	19.5		17.6		22	277		5	192	
76855 PUERTO ANGEL, OAX.	1541N	09629W	46		1005.3	1010.1	26.2		28.1		14	319		1	177	
76903 TAPACHULA, CHIS	1455N	09215W	118		998.6	1012.1	27.0		29.1		23	453		5	134	
BERMUDA																
78016 BERMUDA INTERNATIONAL AIRPOR	3222N	06440W	130		1020.1	1020.5	26.9		26.9		12	136			262	
BAHAMAS																
78073 NASSAU AIRPORT NEW PROVIDENC	2503N	07728W	7		1016.1	1016.9	29.3	1.4	33.2	4.2	17	196	39	5	276	101
CUBA																
78325 CASA BLANCA,	2310N	08221W	50		1009.8	1015.5	27.4	-2	29.6		13	221	116	5	236	
78355 CAMAGUEY	2124N	07751W	122				27.3		28.5		15	202			230	
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1013.7	1013.8	28.3		27.7		17	197			219	85
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1012.0	1013.6	27.7		24.8		10	77			194	
PUERTO RICO AND US POSS																
78526 SAN JUAN/INT.,	1825N	06559W	4		1015.4	1015.8	28.4	.3	30.3		17	216	105	6		
BELIZE																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5				28.6	.8			24	376	133	4	176	80
COSTA RICA																
78762 JUAN SANTAMARIA INT. AIRPORT	0959N	08413W	934		911.4	1012.8	21.8	-2	24.3		22	292	111	5		
78767 PUERTO LIMON	1000N	08303W	5		1012.0	1012.2	26.8	1.6	29.2		16	147	-261	1	144	120
NETHERLANDS ANTILLES & ARUBA																
78866 JULIANA AIRPORT,	1802N	06307W	4		1015.8	1016.3	28.6	.6	29.1	.7	12	167	91	6	219	85
GUADELOUPE																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1014.1	1015.0	28.0	.4	29.8		15	174	24	4	188	
MARTINIQUE																
78925 LE LAMENTIN	1436N	06100W	8		1013.4	1014.3	28.2	1.0	30.7	1.6	26	321	118	5	184	75
BARBADOS																

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
78954 GRANTLEY ADAMS	1304N	05929W	56		1007.2	1013.6	28.2		30.5		21	303		5	195	
CURACAO AND BONAIRE																
78988 HATO AIRPORT, CURACAO	1212N	06858W	9		1011.3	1012.2	29.1	1.0	29.7	.4	7	44	10	4	268	95
COLOMBIA																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1010.9	1011.0	28.5	.7	32.0	.9	20	437	233	5	187	102
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				28.4		32.6		24	303		5	204	95
S AMERICA																
COLOMBIA																
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1010.9	1011.1	28.5	.4	32.3	1.9	18	379	285	6	140	65
80028 BARRANQUILLA/ERNESTO CORTISS	1053N	07447W	30		1008.1	1011.7	27.7	-.4	32.8	2.9	25	359	289	6	143	67
80084 APARTADO/LOS CEDROS	0749N	07642W	20				27.0		29.3		16	236			136	105
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				27.4	-.8	29.1	.8	20	471	294	5	162	75
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		882.1		21.1		21.8		20	117	28	4	138	80
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		975.4	1007.5	27.5	-.4	24.8	2.1	12	88	56	6	168	84
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		992.7	1007.3	25.7	.2	29.9	2.0	16	277	7	2	214	149
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		791.2		16.5		15.9		25	299			133	60
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55				27.2	1.0	27.4	.9	23	516	74	4	137	97
80144 QUIBDO/EL CARANO	0543N	07637W	53				29.3		29.3	-.5	27	678	-92	2	106	77
80210 PEREIRA/MATECANA	0449N	07544W	1342		867.1		21.1	-.7	20.0	1.0	24	185	61	5	134	72
80214 IBAGUE/PERALES	0426N	07509W	928		913.2		23.3	-1.2	23.6	3.5	16	215	143	6	153	78
80222 BOGOTA/ELDORADO	0442N	07409W	2547		753.2		13.5	.4	12.9	1.3	18	136	95	6	106	75
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		963.1	1011.5	24.9	1.0	25.7	1.5	25	629	225	6	116	105
80259 CALI/ALFONSO BONILLA ARAGON	0333N	07623W	969				23.0		21.9		8	75	47	5	130	70
80315 NEIVA/BENITO SALAS	0258N	07518W	443		959.9		27.1	-1.1	23.3	3.0	8	71	27	5	166	94
80370 IPIALES/SAN LUIS	0049N	07738W	2961				11.0	1.2	10.9	.7	13	92	44	6	138	105
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84		1004.1	1013.8	24.8	-.2	28.4	1.2	15	164	-8	3	184	95
VENEZUELA																
80403 CORO	1125N	06941W	17		1010.4	1012.3	29.2	.8	32.1		7	150	115	6	252	88
80410 BARQUISIMETO	1004N	06919W	614				24.5	1.4	22.8		7	62	-15	2	219	94
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		964.8	1013.4	25.3	1.0	24.0		17	181	52	5	184	84
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1007.3	1012.7	28.3	1.9	31.3		8	82	25	4	207	86
80416 CARACAS/LA CARLOTA	1030N	06653W	835		918.9		24.8	2.6	21.5		12	155	34		199	95
80419 BARCELONA	1007N	06441W	7		1013.0	1015.7	27.3	1.0	27.1		18	295	176	6	199	86
80420 CUMANA	1027N	06411W	4		1011.3	1011.9	27.1		25.9		16	150			219	100
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	24		1010.3	1012.5	28.6		29.1		11	146			243	95
80423 GUIRIA	1035N	06219W	14		1010.2	1011.3	26.4	-.5	24.9		13	43	-83	2	268	133
80425 MENE GRANDE	0949N	07056W	28		1010.1	1011.3	27.9	.3	33.0		13	219	117	5	171	76

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
80426 VALERA	0921N	07037W	582		948.4	1012.6	24.7		23.8		9	33			151	145
80427 ACARIGUA	0933N	06914W	226		988.3	1013.6	25.5	.6	27.2		14	254	36		187	103
80428 GUANARE	0901N	06944W	163		992.8	1011.1	26.4	1.7	27.8		18	25	-241	3	168	101
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429		963.7	1011.3	24.9		25.3		19	156			190	100
80432 CARRIZAL	0925N	06655W	161		991.7	1009.7	27.2		30.3		9	72		1	275	95
80434 VALLE DE LA PASCUA	0913N	06601W	125		992.7	1007.4	26.0		28.4		15	133			177	
80435 MATURIN	0945N	06311W	66		1002.2	1009.6	28.9	3.3	31.0		18	192	-23	2	178	96
80437 EL VIGIA	0838N	07139W	103		1001.1	1009.6	27.4		27.3		12	23		6	153	
80438 MERIDA	0836N	07111W	1498		853.2	1539 Y	19.9	.6	18.8		22	222	103	5	155	73
80440 BARINAS	0837N	07013W	204		992.1	1013.1	26.2		26.9		15	197			177	
80442 CALABOZO	0856N	06725W	101		1001.7	1013.2	26.5		30.0		16	184			192	
80444 CIUDAD BOLIVAR	0809N	06333W	48		1006.4		27.0	.1			18	162	-21	3	209	90
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378		967.4	1009.3	26.2	-6	23.4		10	125	99	6	150	81
80448 GUASDUALITO	0714N	07048W	131				25.4	.5	29.2		18	271	-15	5	141	95
80450 SAN FERNANDO DE APURE	0754N	06725W	48		1008.1	1013.6	26.7	1.0	31.0		18	506	230	5	157	89
80453 TUMEREMO	0718N	06127W	181				25.1	.2	27.8		19	251	78	5	210	113
80457 PUERTO AYACUCHO	0536N	06730W	74		1004.3	1012.9	25.5	.4	24.5		25	476	78	6	121	83
80462 SANTA ELENA DE UAIREN	0436N	06107W	907				21.4	.8	23.0		25	444	215	6	170	89
80472 VALENCIA	1010N	06756W	431		964.8	1012.6	25.1		27.0		16	174			179	
80475 STO. DOMINGO	0735N	07204W	327		978.1	1014.9	24.5		25.6		24	227			117	140
SURINAME																
81225 ZANDERIJ	0527N	05512W	15		1012.7	1015.1	26.5				24	254				
FRENCH GUIANA																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1011.8	1012.2	26.3		28.7		21	242	-8			
81405 ROCHAMBEAU	0450N	05222W	9		1012.0	1013.0	26.1		29.1		24	316	72		182	85
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1011.8	1012.6	25.9		28.7		25	267	63			
81415 MARIPASOULA	0338N	05402W	104		1001.1	1013.2	26.0		27.8		22	187	-31			
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				26.5		29.4		20	291		4	160	
82098 MACAPA	0002N	05103W	15		1010.5	1012.2	27.6	1.5	31.1		11	116	-68	1	221	97
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90				25.4		28.9		14	142		1	140	
82113 BARCELOS	0059S	06255W	40				26.2	.6	29.7		14	155	-7	2	174	102
82191 BELEM	0127S	04828W	10		1010.7	1011.3	27.5	1.7	31.0		15	132	-20	2	249	99
82212 FONTE BOA	0232S	06610W	56		1005.3	1013.5	25.8		28.7		10	225		5	138	
82246 BEL TERRA	0238S	05457W	176		992.9	1012.7	25.9	1.7	31.2		16	219	126	6	167	73
82280 SAO LUIZ	0232S	04418W	51		1006.7	1012.5	26.9	1.2	31.9		12	105	-32	3	232	98
82287 PARNAIBA	0305S	04147W	46		1005.8	1008.5			26.7		5	61	40	5		
82331 MANAUS	0308S	06001W	72		1004.9	1013.0	27.2	.7	30.0		8	101	14	4	196	92
82336 ITACOATIARA	0308S	05826W	40				27.7	2.2	29.7		10	116	25	3		
82353 ALTAMIRA	0312S	05212W	74		1000.8	1009.1	28.3	2.7	29.6		7	43	-35	2	271	131
82397 FORTALEZA	0346S	03836W	26		1010.4	1013.5	26.9	1.2	26.6		5	54	-37	3	247	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.
82410 BENJAMIN CONSTANT	0423S	07002W	65				25.0		28.0		7	98		3	169	
82425 COARI	0405S	06308W	46				27.1		27.7		7	72		2		
82445 ITAITUBA	0416S	05559W	45		1008.9	1014.2	27.5	1.1	30.4		8	94	27	4	223	91
82460 BACABAL	0415S	04447W	25		1009.7	1012.6	28.2		25.0		1	5		3	260	
82533 MANICORE	0549S	06118W	50		1007.7	1013.2	25.9		27.9		7	42		3	159	
82562 MARABA	0521S	04909W	95		1000.9	1011.8	28.9	2.6	24.9		0	0	-20	0	286	115
82571 BARRA DO CORDA	0530S	04516W	153		994.8	1012.0	27.0	2.3	23.9		1	30	16	5	302	118
82578 TERESINA	0505S	04249W	74		1004.1	1014.3	26.8	.8	24.4		1	2	-10	2	305	103
82586 QUIXERAMOBIM	0512S	03918W	212		987.8	1011.7	27.3	2.0	21.0		1	2	-43	1	280	116
82598 NATAL	0546S	03512W	45		1009.3	1014.6	25.3		27.0		16	151		3	198	
82678 FLORIANO	0646S	04301W	127		999.4	1015.0	29.0	4.0	20.6		0	0	-20	0	300	103
82704 CRUZEIRO DO SUL	0738S	07240W	170		989.8	1009.3	24.4		26.5		7	38			185	
82723 LABREA	0715S	06450W	60		1005.9	1014.1	25.3		27.6		3	8		1	227	
82765 CAROLINA	0720S	04728W	193		991.5	1015.4	28.2	1.8	21.2		0	0	-9	0	315	110
82784 BARBALHA	0719S	03918W	409		968.7	1014.1	25.0	1.2	24.7		2	8	-3	3	236	94
82791 PATOS	0701S	03716W	249		987.0	1015.0	26.4		21.0		01	1		1	250	
82900 RECIFE	0803S	03455W	7		1015.0	1015.9	24.5	.5	26.5		23	268	-117	2	179	106
82915 RIO BRANCO	0958S	06748W	160		996.4	1014.8	23.2	-2	22.5		0	0	-42	1	229	113
82983 PETROLINA	0923S	04029W	370		974.0	1015.8	24.2	-5	19.8		2	22	9	5	236	101
83064 PORTO NACIONAL	1043S	04835W	239		985.6	1012.3	27.7	2.3	19.6		0	0	-5	0	311	108
83096 ARACAJU	1055S	03703W	5		1015.4	1016.1	25.3	.7	26.5		24	147	-59	2	203	101
83186 JACOBINA	1111S	04028W	485		962.6	1016.7	21.0	-2	20.7		17	94	53	5	148	89
83229 SALVADOR	1301S	03831W	51		1013.0	1019.0	23.2	-4	25.6		27	493	290	6	143	79
83235 TAGUATINGA	1224S	04626W	604		947.0	1013.8			15.5		0	0	-2	0		
83236 BARREIRAS	1209S	04500W	439		965.9	1015.4	23.6	1.4	17.4		0	0	-1	4	287	102
83242 LENCOIS	1234S	04123W	439		968.3	1018.3	21.7	.8	20.3		14	71	6	4	153	105
83264 GLEBA CELESTE	1212S	05630W	415						19.2		0	0	-2	0		
83288 BOM JESUS DA LAPA	1316S	04325W	440		966.0	1015.1	24.5	.8	15.3		0	0	-1	0	279	102
83332 POSSE	1406S	04622W	826		924.2	1014.5	22.7	.8	15.3		0	0	-4	0	236	90
83344 VITORIA DA CONQUISTA	1457S	04053W	840		921.5	1019.6			17.2		14	40	23	5	154	94
83358 POXOREO (POXOREU)	1550S	05423W	450		973.0	1013.2	20.8		16.7		0	0		0	255	
83361 CUIABA	1533S	05607W	151		998.0	1018.7	22.8	.8	18.3		1	14	5	4	228	92
83377 BRASILIA	1547S	04756W	1159		890.0	1015.8	19.6	.5	11.8		0	0	-11	0	256	97
83423 GOIANIA	1640S	04915W	741		933.4	1014.6	23.9	3.1	13.2		0	0	-6	0		
83437 MONTES CLAROS	1643S	04352W	646		945.5	1018.1	20.6	1.2	14.3		0	0	-3	4	273	106
83498 CARAVELAS	1744S	03915W	3		1021.1	1021.8	23.0	.8	24.7		15	80	-30	2	119	62
83565 PARANAIBA	1942S	05111W	331		968.9	1016.0	22.5	2.5	14.1		0	0	-31	1	243	91
83579 ARAXA	1934S	04656W	1004		906.7	1019.4	19.3	1.8	13.5		0	0	-20	2	277	109
83587 BELO HORIZONTE	1956S	04356W	850		917.5	1018.6	19.8	1.7	13.9		0	0	-15	0	226	88
83592 CARATINGA	1948S	04209W	609		951.7	1020.9	18.7	.7	17.5		1	2	-12	2	202	101
83630 FRANCA	2033S	04726W	1026						13.2		1	3	-18	1	285	214
83648 VITORIA	2019S	04020W	36		1018.9	1023.4	22.5	.8	22.4		12	95	17	4	176	
83676 CATANDUVA	2108S	04858W	536		953.1	1016.5	21.8	2.7	14.4		1	2	-20	2	241	100
83698 CAMPOS	2145S	04120W	11		1019.7	1021.1	22.0		21.7		9	53		4		
83702 PONTA PORA	2232S	05542W	650		940.8	1018.8	16.0	-4	13.5		6	71	16	4		
83704 IVINHEMA	2219S	05356W	369		973.5						5	50	27	4	206	98

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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.
83716 PRESIDENTE PRUDENTE	2207S	05123W	436						13.3		0	0				
83726 SAO CARLOS	2201S	04753W	856		923.3	1020.8	18.7	2.7	14.5		2	35	5	3	236	200
83738 RESENDE	2229S	04428W	440		971.3	1022.1	18.6		17.0		5	39		4	185	
83766 LONDRINA	2323S	05111W	566		953.9	1019.9	18.4	1.8	19.9		3	30	-38	3	208	105
83781 SAO PAULO	2330S	04637W	792		930.1	1019.9	18.4	2.6	15.2		4	94	50	5	187	114
83836 IRATI	2528S	05038W	837		920.3	1018.4	13.8		13.9		7	128		3	135	
83842 CURITIBA	2525S	04916W	924		916.6	1020.4	15.0	2.2	14.3		7	133	44	4	160	109
83881 IRAI	2711S	05314W	247		989.2	1018.3	14.4	1.0	14.5		10	182	61	4	151	93
83897 FLORIANOPOLIS	2735S	04834W	2		1020.3	1020.6	17.2	.9	16.8		7	94	0	4	143	85
83967 PORTO ALEGRE	3001S	05113W	47		1014.2	1020.0	14.6	.1	14.2		11	170	49	3	142	96
83980 BAGE	3120S	05406W	242		989.6	1018.6	11.3	-1.2	11.0		9	261	121	5	179	131
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1015.7	1020.2	11.3	.0	12.2		10	155	35	4	135	94
ECUADOR																
84008 SAN CRISTOBAL (GALAPAGOS)	0054S	08937W	8		1013.6		21.4	-.8	21.3		2	6	-8	3	176	
84088 IZOBAMBA	0021S	07833W	3058		707.8		11.5	.2	10.6		19	196	164	1	163	
84132 NUEVO ROCAFUERTE	0055S	07525W	265		990.6		24.6		26.9		14	175	-98	1	77	
84135 PORTOVIEJO	0102S	08027W	60		1007.8		24.5	.4	23.8		2	4	-6	5	76	
84140 PICHILINGUE	0106S	07929W	120		1003.8		24.2	.9	26.0		6	32	10	5	44	
84179 PUYO	0130S	07754W	960		908.0		21.0	1.2	21.2		19	358	19	1	110	
84226 CANAR	0233S	07856W	3083				12.3	1.0	10.4		10	61	39	5	187	
84270 LOJA/LA ARGELIA	0402S	07912W	2160				16.3	1.6	13.2		10	31	-26	1	180	
PERU																
84370 TUMBES	0333S	08023W	27		1009.7	1012.7	24.5		25.0		0	0		4		
84377 IQUITOS	0347S	07318W	126		1002.2	1012.7	24.7		26.1		9	141	-40	2		
84401 PIURA	0512S	08036W	55		1012.0	1018.9	21.0		18.3		0	0	-1	5		
84452 CHICLAYO	0647S	07949W	30		1013.1	1016.2	17.8		15.9		0	0	0	5		
84455 TARAPOTO	0630S	07622W	282		982.6	1017.6	26.8		26.3		7	21	-37	1		
84501 TRUJILLO	0805S	07906W	30		1012.9	1015.3	16.1		18.3		0	0	0	0		
84515 PUCALLPA	0822S	07434W	149		995.8	1013.6	25.0		24.1		7	30		3		
84628 LIMA/CALLAO	1201S	07707W	13		1014.8	1016.4	15.6		15.1		0	0	-1	2		
84686 CUZCO	1332S	07156W	3249		688.8		11.4		5.4		2	3	0	4		
84691 PISCO	1344S	07613W	7		1015.5	1016.2	16.0		14.7							
84735 JULIACA	1528S	07009W	3827		645.3		10.4		4.6		0	0	-2	4		
84752 AREQUIPA	1620S	07134W	2539		754.2		12.6		2.2		0	0	0	5		
84782 TACNA	1803S	07016W	469		966.0	1017.9	12.3		11.0		0	0	-4	4		
BOLIVIA																
85033 GUAYARAMERIN	1049S	06521W	130		998.4	1013.6	24.8		21.9		1	3		3		
85041 COBIJA	1102S	06847W	235		987.3	1013.9	23.5		22.2		6	22		3		
85043 RIBERALTA	1100S	06607W	141		997.6	1013.8	24.3		21.7		00	0		0		
85104 SAN JOAQUIN	1304S	06449W	140		998.7	1014.8	23.5		18.9		3	46		5		
85109 SAN RAMON	1318S	06442W	140		999.1	1015.3	23.5		19.2		3	9				

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
85114 MAGDALENA	1320S	06407W	140		999.6	1016.1	23.4		18.6		1	1		2		
85123 SANTA ANA	1346S	06526W	144		997.6	1014.4	23.1		17.7		5	15		3		
85140 REYES	1419S	06723W	140		995.3	1016.6	21.0		19.3		10	57				
85141 RURRENABAQUE	1428S	06734W	204		991.5	1014.8	20.9		21.6		11	161		5		
85152 SAN BORJA	1452S	06652W	194		991.3	1014.5	21.2		19.0		5	36		3		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		995.2	1014.0	21.2		18.1		3	27		3		
85154 TRINIDAD	1449S	06455W	155		997.2	1015.2	21.7		18.1			108		5		
85175 ASCENCION DE GUARAYOS	1543S	06306W	247		987.4	1016.2	21.0		16.7		1	5		2		
85195 SAN JAVIER	1616S	06228W	534		955.2	1015.5	19.1		16.2		7	32		4		
85196 CONCEPCION	1609S	06201W	497		959.1	1016.5	20.0		15.8		2	10		3		
85201 LA PAZ/ALTO	1631S	06811W	4058		630.3				3.3		1	2		3		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		968.9	1016.4	20.2		16.0		1	3		3		
85210 SAN MATIAS	1620S	05823W	124		1000.4	1019.4	23.1		16.3		1	1				
85223 COCHABAMBA	1725S	06611W	2548		749.4		15.1		7.5		01	0003		5		
85242 URURO	1758S	06704W	3072		655.7				3.5		2	3		4		
85244 VIRU-VIRU	1738S	06308W	373		971.8	1015.4	19.5		14.1		8	118				
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		966.4	1015.1	19.8		14.1		7	55		4		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		984.4	1017.1	21.0		14.6		3	22		4		
85264 VALLEGRANDE	1828S	06406W	1998		804.2		12.2		10.9		00	0				
85268 ROBORE	1819S	05946W	276		983.7	1017.4	20.6		17.0		5	33		4		
85283 SUCRE	1901S	06518W	2904		719.5		12.6		7.7		2	9		5		
85289 PUERTO SUAREZ	1859S	05749W	134		998.9	1014.3	21.6		15.9		3	5		3		
85293 POTOSI	1933S	06544W	3935		636.9				3.8		0	0				
85312 MONTEAGUDO	1947S	06355W	992		886.8		14.2		10.4		0	0				
85315 CAMIRI	2000S	06332W	798		924.8	1015.6	15.9		11.5		2	6		3		
85345 VILLAMONTES	2115S	06327W	398		971.9	1018.3	17.1		15.9		3	21				
85364 TARIJA	2133S	06442W	1854		814.2		11.8		7.6		0	0		4		
85365 YACUIBA	2157S	06339W	645		944.1	1017.8	14.3		11.8		1			1		
85394 BERMEJO	2246S	06419W	381		971.5	1016.6	14.7		12.7		0	0				
CHILE																
85406 ARICA	1821S	07020W	55		1014.0	1018.4	14.3	-1.3	10.8	-3.0	0	0	-1	3	149	115
85418 IQUIQUE	2032S	07011W	48		1013.3	1019.1	13.5	-1.7	10.4	-2.9	0	0	-1	3		
85442 ANTOFAGASTA	2326S	07027W	140		1001.5	1018.3	11.9	-1.5	9.9	-2.2	0	0	-1	3	246	115
85469 ISLA DE PASCUA	2710S	10920W	69		1017.7	1025.8	17.8		15.5		13	82		3	188	120
85488 LA SERENA	2955S	07112W	146		1003.9	1020.1	9.3	-1.4	9.4	-1.4	1	5	-25	2	196	120
85574 PUDAHUEL	3323S	07047W	474		965.0	1022.2	5.8		7.0		2	23		1	154	115
85577 QUINTA NORMAL	3326S	07041W	520		959.9	1022.8	6.1		7.3		3	27		2	153	125
85585 JUAN FERNANDEZ	3337S	07849W	30		1019.0	1022.6	11.5		9.9		20	144		2	110	120
85629 CURICO	3458S	07113W	220								8	104	-62	2	131	150
85672 CHILLAN	3635S	07202W	148								15	142	-78	2	110	100
85682 CONCEPCION	3646S	07304W	148		1020.7	1021.5	8.2	-6	8.5	-1.4	18	248	26	4	142	110
85743 TEMUCO	3846S	07238W	93		1010.1	1021.6	6.2	-1.0	7.7	-1.3	15	169	1	4	119	150
85766 VALDIVIA	3938S	07305W	19								20	236	-76	2	99	150
85799 PUERTO MONTT	4126S	07306W	90		1008.5	1019.7	5.5	-1.1	6.4	-2.4	18	123	-105	1	81	115
85864 COYHAIQUE	4536S	07206W	311		978.1	1016.6	.5	-1.5	5.6	-2	10	122	-38	3	67	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.
85874 BALMACEDA	4555S	07142W	522		951.2	1016.3	-1.7	-1.9	4.5	-5	8	91	8	3		
85934 PUNTA ARENAS	5300S	07051W	43		1001.7	1006.9	.6	-5	5.3	-2	5	19	-11	3	120	165
PARAGUAY																
86011 ADRIAN JARA	1932S	05922W	150		999.8	1016.6	20.4		15.4		3	33		5		
86033 BAHIA NEGRA	2014S	05810W	96		1007.5	1017.2	19.6		15.7		5	68		6		
86065 PRAT GILL	2242S	06130W	220		992.4	1018.1	16.4		12.1		1	43		5		
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	167		995.8	1015.5	18.2	-1.1	13.6	.1	5	27	13	5		
86086 LA VICTORIA	2217S	05756W	88		1007.4	1017.6	18.4	-1.5	14.6	-1.5	7	88	61	5		
86097 PEDRO JUAN CABALLERO	2335S	05544W	652		952.4	1015.7	17.6		13.1		5	76		5		
86128 POZO COLORADO	2327S	05852W	99		1004.5	1016.2	17.8		14.9		3	29		5		
86134 CONCEPCION	2325S	05718W	74		1007.6	1017.1	17.9	-8	14.4	-1.0	6	46	4	4		
86185 SAN PEDRO	2404S	05705W	80		1007.8	1017.3	17.0		14.6		8	66		4		
86210 SALTOS DEL GUAIRA	2403S	05419W	265		982.1	1017.1	16.9		15.8		5	81		3		
86218 ASUNCION/AEROPUERTO	2515S	05731W	101		1007.2	1017.0	16.7	-1.2	13.8	-8	8	172	130	6		
86233 VILLARRICA	2546S	05626W	161		997.6	1016.6	16.4	-6	14.0	-6	10	137	70	5		
86246 AEROPUERTO INT. GUARANI	2521S	05427W	236		988.4	1017.6	16.0		15.0		10	154		5		
86255 PILAR	2651S	05819W	59		1010.7	1017.5	14.5	-2.0	14.4	-1	5	179	122	5		
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		1002.6	1017.2	15.1	-9	14.3	.7	10	169	91	5		
86297 ENCARNACION	2720S	05550W	91		1005.7	1016.7	14.8	-7	14.3	.4	10	116	14	4		
URUGUAY																
86330 ARTIGAS	3023S	05630W	123		1004.1	1018.6	12.0	-1.1	11.2	-2	10	204	102	5	167	97
86350 RIVERA	3053S	05532W	242		990.3	1019.1	11.7		11.2		8	277		5	176	110
86430 PAYSANDU	3220S	05802W	61		1011.8	1019.2	11.3		10.5		7	109		4	186	
86440 MELO	3222S	05611W	100				10.9	-6	11.2	.0	10	289	160	4	168	111
86460 PASO DE LOS TOROS	3248S	05631W	75		1008.6	1017.9	10.5	-9	10.7	-4	8	133	20	4	153	106
86490 MERCEDES	3315S	05804W	22		1016.1	1018.3	12.3	1.2	10.7	-7	7	66	-4	2	177	118
86560 COLONIA	3427S	05750W	22		1014.4	1017.5	10.7	-7	10.0	-7	9	131	62	5		
86565 ROCHA	3429S	05418W	18		1014.9	1017.3	10.7	-2	10.9	-7	9	193	86	5	146	107
86580 CARRASCO	3450S	05600W	32		1013.9	1018.0	10.1	-6	10.7	.2	1	187	98	4	140	91
ARGENTINA																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3462				4.5	.7	1.5	-1.1	0	0	0	1		
87016 ORAN AERO	2309S	06419W	357		973.9	1015.5	13.5	-9	10.9	-2.1	1	3	-3	1		
87022 TARTAGAL AERO	2239S	06349W	450		963.3	1015.2	13.6		10.2		01	1			62	
87046 JUJUY AERO	2423S	06505W	921		913.0	1498 Y	10.5		7.9		2	12		5	226	115
87047 SALTA AERO	2451S	06529W	1238		880.5	1510 Y	8.0	-2.1	7.0	-1.3	3	10	7	5	223	129
87065 RIVADAVIA	2410S	06254W	205		991.4		14.6	-1.4	10.2		0	0	-4	1		
87078 LAS LOMITAS	2442S	06035W	130		1001.7	1017.2	16.0	-9	12.6	-6	3	37	25	1	211	110
87097 IGUAZU AERO	2544S	05428W	270		987.0	1018.6	15.2		15.4		12	205		5	138	
87121 TUCUMAN AERO	2651S	06506W	450		964.9	1017.7	10.8		8.6		2	20			229	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		994.6	1018.6	10.4	-2.2	7.5	-2.5	0	0	-3	1	221	
87148 PRESIDENCIA ROQUE SAENZ PENA	2644S	06029W	93		1007.6	1018.8	13.4		11.9		3	7		2	203	

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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.
87155 RESISTENCIA AERO	2727S	05903W	53		1011.7	1018.0	14.0		12.3		4	37		2	170	
87162 FORMOSA AERO	2612S	05814W	60		1010.0	1017.2	15.0	-1.8	13.5	-1.4	6	165	116	5	184	96
87178 POSADAS AERO.	2722S	05558W	131		1003.2	1018.1	15.7	-.5	13.3	-1.0	14	179	76	5	151	
87217 LA RIOJA AERO.	2923S	06649W	438		967.1	1017.8	9.7	-1.2	7.5	-.8	3	28	25	5	220	108
87222 CATAMARCA AERO.	2836S	06546W	454		962.8	1016.4	10.5		6.4		0	0		1	202	110
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		979.1		8.8	-2.5	8.8	-.9	0	0	-16	1		
87257 CERES AERO	2953S	06157W	88		1008.3	1018.9	11.3	-1.1	9.0	-2.4	0	0	-18	1	229	135
87270 RECONQUISTA AERO	2911S	05942W	53		1012.4	1018.8	12.9	-.9	11.4	-2.2	3	16	-23	1	206	119
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1010.3	1018.7	13.1	-.5	12.1	-.9	10	179	89	5	163	105
87305 JACHAL	3015S	06845W	1175		885.3	1481 Y	5.3		4.6		2	13		5	179	155
87311 SAN JUAN AERO	3124S	06825W	598		949.4	1020.6	5.7		4.5		1	2		4	269	125
87320 CHAMICAL AERO	3022S	06617W	467		963.7	1017.8	10.6	-1.1	6.9	-1.6	1	5	1	4	223	
87328 VILLA DOLORES AERO	3157S	06508W	569		951.9	1018.8	8.6	-2.0	6.2	-1.5	0	0	-10	1	272	139
87344 CORDOBA AERO	3119S	06413W	484		963.2	1019.7	9.2	-1.2	6.0	-2.7	0	0	-14	1	249	141
87349 PILAR OBSERVATORIO	3140S	06353W	338		979.0	1019.7	8.3	-2.0	6.4	-2.3	01	1	-14	1	235	129
87374 PARANA AERO	3147S	06029W	78		1009.8	1018.8	10.8	-.7	9.7	-1.4	3	14	-19	2	208	122
87393 MONTE CASEROS AERO	3016S	05739W	54		1012.3	1018.6	12.6	-.8	11.5	-1.2	6	83	3	2	168	101
87395 CONCORDIA AERO	3118S	05801W	38		1014.2	1018.8	11.5	-1.3	10.5	-1.7	4	72	-1	4	164	
87418 MENDOZA AERO	3250S	06847W	705		937.0	1019.9	6.4	-1.3	4.7	-1.9	2	6	0	4	245	135
87436 SAN LUIS AERO	3316S	06621W	713		935.6	1021.0	6.7	-2.7	5.2	-1.8	0	0	-10	1	260	127
87448 VILLA REYNOLDS AERO	3344S	06523W	486		962.7	1020.8	5.5	-2.4	5.8	-1.7	01	1	-15	1	148	87
87453 RIO CUARTO AERO	3307S	06414W	421		969.0	1017.6	7.9	-1.3	6.1	-1.9	0	0	-12	1	206	128
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1005.3	1019.3	8.0	-1.9	7.7	-2.4	01	1	-24	1	208	141
87480 ROSARIO AERO	3255S	06047W	25		1015.7	1018.7	9.1	-1.2	8.8	-1.8	5	21	-15	1	200	124
87497 GUALEGUAYCHU AERO	3300S	05837W	23		1016.0	1018.6	10.7	-.3	10.7	-.3	7	77	22	4	161	118
87506 MALARGUE AERO	3530S	06935W	1426		858.3	1503 Y	2.0	-1.5	3.3	-2.0	2	3	-33	1	281	
87509 SAN RAFAEL AERO	3435S	06824W	748		931.6	1020.0	5.5	-1.8	4.5	-1.8	0	0	-10	1	229	
87532 GENERAL PICO AERO	3542S	06345W	145		1001.5	1019.3	7.6	-.7	6.4	-2.1	2	17	-4	4	141	
87534 LABOULAYE AERO	3408S	06322W	137		1002.8	1019.6	7.4	-1.4	6.4	-2.3	2	5	-11	2	201	130
87544 PEHUAJO AERO	3552S	06154W	87		1008.3	1019.4	7.5	-.8	7.7	-1.6	4	15	-11	3	184	
87548 JUNIN AERO	3433S	06055W	82		1008.8	1018.7	7.6	-1.3	8.2	-1.4	3	39	4	4	181	122
87576 EZEIZA AERO	3449S	05832W	20		1016.2	1018.7	9.6	-.1	9.8	-.1	7	51	-5	3	126	124
87623 SANTA ROSA AERO	3634S	06416W	191		996.5	1020.0	6.4	-1.2	5.9	-2.2		2	-16	2	184	127
87640 BOLIVAR AERO	3612S	06104W	94		1007.1	1018.8	7.4		7.9		4	33			172	
87641 AZUL AERO	3650S	05953W	147		1000.5	1018.6	6.6		8.1		7	71		4	129	
87645 TANDIL AERO	3714S	05915W	175		997.1	1018.5	6.2		8.9		9	68		4	124	95
87648 DOLORES AERO	3621S	05744W	10		1017.1	1018.2	8.3	.1	9.7	.1	11	119	59	5	115	101
87688 TRES ARROYOS	3820S	06015W	115		1004.1	1018.2	7.0		7.9		10	87		5	110	85
87692 MAR DEL PLATA AERO	3756S	05735W	21		1015.4	1018.2	7.8	-.3	9.1	-.2	15	102	44	4	91	
87715 NEUQUEN AERO	3857S	06808W	271		986.8	1019.5	5.0	-.6	5.2	-.9	0	0	-14	1	178	134
87750 BAHIA BLANCA AERO	3844S	06210W	83		1008.5	1018.8	6.1	-1.5	6.8	-1.0	4	11	-18	2	165	130
87765 BARILOCHE AERO	4109S	07110W	845		911.3	1471 Y	1.8	-.3	5.1	-1.0	10	95	-33	2	137	117
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1016.0	1018.5	5.3	-3.0	5.6	-1.8	2	16	-4	1	160	118
87791 VIEDMA AERO	4051S	06301W	7		1016.2	1017.1	5.9		6.7		7	22		3	158	120
87803 ESQUEL AERO	4256S	07109W	799		921.0	1016.8	1.9	.3	5.0	-.4	7	34	-39	1	126	
87828 TRELEW AERO	4312S	06516W	43		1010.0	1015.3	5.5	-.5	5.6	-.4	5	35	16	5	161	118

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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.
87852 PERITO MORENO AERO	4631S	07101W	429		961.6	1014.1	1.2		5.3		7	41				
87860 COMODORO RIVADAVIA AERO	4547S	06730W	58		1007.3	1013.0	6.3	-1	6.1	.4	4	28	0	4	118	104
87896 PUERTO DESEADO AERO	4744S	06555W	81		1002.5	1012.5	3.4	-2	5.8	-.4	7	48	21	5	86	
87904 EL CALAFATE AERO	5016S	07203W	204		985.8	1011.2	1.2		5.2		1	3			103	100
87909 SAN JULIAN AERO	4919S	06745W	62		1003.8	1011.5	3.3		6.0		3	15		3	102	
87925 RIO GALLEGOS AERO	5137S	06917W	20		1006.2	1008.6	1.3	.4	5.3	-.1	2	6	-13	1	116	
87938 USHUAIA AERO	5448S	06819W	57		997.0	1004.1	2.3	1.0	5.4	-.1	6	22	-14	1	69	
ISLANDS																
88903 GRYPVIKEN,	5416S	03630W	3		1000.4	1000.6	-3		4.1						12	
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 BASE ESPERANZA	6324S	05659W	24		987.5	990.4	-7.0	3.8	3.3						26	
88968 BASE ORCADAS	6044S	04444W	8		993.9	995.5	-6.1	3.3	3.8		19	89	45	5	13	
89034 BASE BELGRANO II	7752S	03437W	256		948.2	981.5	-20.3		.9		8	59				
89053 BASE JUBANY	6214S	05838W	11		991.9	993.4	-4.2		4.3		4	19			6	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	208		964.1	989.3	-10.9		2.6		5	19			20	
89066 BASE SAN MARTIN	6807S	06708W	7		988.7	989.6	-9.7		2.7		13	68				
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16		976.1	978.1	-21.4		.6						29	
89571 DAVIS	6835S	07758E	23		973.9	977.0	-21.1		.8			2	-4	2	4	
89611 CASEY	6617S	11030E	42		969.2	974.6	-15.8		1.6		11	40				
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO PDTE.	6211S	05859W	48		986.9	991.6	-4.4		3.9	.4	6	26		1	0	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		988.9	990.1	-5.4	3.1	3.4	.8	4	104	39	5	36	
FRANCE (ANTARCTIC)																
89642 DUMONT D'URVILLE	6639S	14000E	43		976.2	981.8	-18.7		1.0						34	
GERMANY (ANTARCTIC)																
89002 NEUMAYER	7040S	00815W	50		974.7	980.1	-29.3		.6						4	
JAPAN (ANTARCTIC)																
89532 SYOWA	6900S	03935E	21		974.5	977.3	-21.3	-3.5	.9	-.3					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.
UKRAINE (ANTARCTIC) 89063 VERNADSKY	6515S	06416W	11		989.4		-5.6		3.3		15	139				
UNITED KINGDOM (ANTARCTIC) 89022 HALLEY	7535S	02639W	35		976.9	980.8	-28.8		.6							
89062 ROTHERA	6734S	06808W	33		983.8	988.0	-7.8		2.8						0	
89065 FOSSIL BLUFF	7120S	06817W	69		976.5	984.7	-15.5		1.7							
URUGUAY (ANTARCTIC) 89054 DINAMET-URUGUAY	6211S	05851W	17		989.5	991.8	-4.2		4.3		6	30			2	
RUSSIA (ANTARCTIC) 89050 BELLINGSHAUSEN AWS	6212S	05856W	16		990.3	992.2	-4.3		4.2		16	69			71	
89512 NOVOLAZAREVSKAJA	7046S	01150E	119		964.1	979.6	-19.8		.6		4	19			0	
89592 MIRNYJ	6633S	09301E	40		970.8	976.7	-19.7		1.1		9	68				
89606 VOSTOK	7827S	10650E	3488		610.1		-69.4		.0		1	1			0	
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA) 48601 PENANG/BAYAN LEPAS	0518N	10010E	4		1008.9	1009.3	27.8	.9	30.2	.3	12	176	-16	3		
48615 KOTA BHARU	0610N	10210E	5		1008.7	1009.3	27.7	.6	28.8	-.5	13	308	154	5		
48647 KUALA LUMPUR/SUBANG	0307N	10130E	27		1007.0	1009.5	28.5	1.9	31.0	2.3	13	246	117	5		
48657 KUANTAN	0347N	10310E	16		1007.5	1009.3	27.3	1.0	30.9	1.8	11	259	87	5		
48665 MALACCA	0216N	10210E	9		1009.1	1010.1	27.4	1.0	29.6	.0	12	111	-53	2		
SINGAPORE 48698 SINGAPORE/CHANGI AIRPORT	0122N	10350E	16		1007.8	1009.7	27.7	.6	31.3	1.5	12	262	117	5	143	76
USA (PACIFIC OCEAN NORTH) 91165 LIHUE, KAUAL, HAWAII	2159N	15920W	32		1013.5	1018.5	25.8	-.3	23.1		11	29	-25	3	213	83
91182 HONOLULU, OAHU, HAWAII	2121N	15750W	5		1017.0	1017.6	26.5	-.4	21.1		4	10	-5	4		
91212 NWSO AGANA, GUAM, MARIANA IS	1328N	14440E	75		1003.1	1011.3	28.1	.3	30.5		23	307	40	4		
91285 HILO/GEN. LYMAN, HAWAII, HAW	1943N	15500W	11		1016.7	1017.8	24.3	.0	21.9		18	101	-145	2		
91334 CHUUK, ECI	0727N	15150E	4			1009.9						372	7	4		
91348 POHNPEI, CAROLINE IS.	0658N	15810E	38			1011.0						356	-111	3		
91376 MAJUORO/MARSHALL IS. INTNL.	0705N	17120E	3			1010.5						400	70	5		
91408 KOROR, PALAU WCI.	0720N	13420E	30			1010.5						268	-190	3		
91413 YAP, CAROLINE IS.	0929N	13800E	16			1010.2						451	82	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.
VANUATU																
91554 PEKOA AIRPORT (SANTO)	1531S	16710E	44			1014.3	25.3					4	24		1	
91568 ANEITYUM	2014S	16940E	7			1017.6	22.1					4	29		1	
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	24		1016.0	1018.1	20.9	.9	17.5			3	7	-46		
91592 NOUMEA (NLLE-CALEDONIE)	2217S	16627E	72		1010.8	1018.9	20.6	.9	17.8			7	42	-31		173 95
FIJI																
91650 ROTUMA	1230S	17700E	26			1011.9	27.2		30.0			20	287		4	171 85
91652 UDU POINT AWS	1608S	17950W	63			1014.1	25.1		26.4			12	98		4	
91680 NADI AIRPORT	1745S	17720E	18			1014.8	23.5	.1	22.2			2	34	-13	3	257 118
91683 NAUSORI	1803S	17830E	7			1015.6	22.8		23.0			15	106		3	
DETACHED ISLANDS																
91753 HIIHIFO (ILE WALLIS)	1314S	17611W	27		1009.2	1012.3	27.4		29.2			19	214			174
COOK ISLANDS																
91843 RAROTONGA	2112S	15940W	7		1018.1	1018.8			24.1							206
FRENCH POLY. (MARQUESAS IS)																
91925 ATUONA	0949S	13902W	53		1008.0	1014.1	25.6		24.5			11	92	-44		162 80
FRENCH POLY. (SOCIETY IS)																
91929 BORA-BORA	1627S	15145W	3		1015.5	1016.2	26.6		26.4			16	64			
91938 TAHITI-FAAA	1733S	14937W	2		1016.3	1016.5	25.9		24.2			2	46	-14		220 94
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1015.3	1015.6	27.0		27.1			11	35	-55		
91945 HEREHERETUE	1954S	14557W	3		1018.3	1018.4	24.6		25.2			0	T		0	
91948 RIKITEA	2308S	13458W	91		1012.0	1022.4	21.5		21.0			12	83	-84		156 102
FRENCH POLY. (AUSTRAL IS)																
91954 TUBUAI	2321S	14929W	3		1019.8	1020.2	22.8		21.9			13	193	49		178 102
91958 RAPA	2737S	14420W	2		1022.5	1022.7	19.6		18.9			10	171			77
NEW ZEALAND																
93012 KAITAIA	3506S	17310E	54				11.6		11.0			12	115	-33	2	168 125

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
93119 AUCKLAND AIRPORT	3701S	17440E	7			1018.4	10.6	.1	11.1							
93292 GISBORNE AERODROME AWS	3839S	17750E	5			1018.2	9.8	.6	10.2		15	185	67	5		
93309 NEW PLYMOUTH AWS	3901S	17410E	32			1018.9	9.4		10.2		9	59		1		
93615 HOKITIKA AERODROME AWS	4243S	17050E	45			1019.5	7.6		7.9		10	173		3		
93678 KAIKOURA	4225S	17340E	105			1019.4	7.6		7.9		8	98		3		
93780 CHRISTCHURCH	4329S	17230E	38			1019.9	5.4		7.4							
93947 CAMPBELL ISLAND AWS	5233S	16900E	19			1010.3	5.3		7.5		22	81		1		
93987 CHATHAM ISLANDS AWS	4357S	17630W	49			1016.5	8.4		9.8							
93994 RAOUL ISLAND, KERMADEC IS. A	2915S	17750W	49			1017.5	16.9		15.5		11	122		3		
AUSTRALIA																
94120 DARWIN AIRPORT	1225S	13050E	35		1008.6	1012.6	26.7		19.9		0	0	-1	1	300	96
94131 TINDAL RAAF	1431S	13220E	135		998.6	1014.3	24.4		15.3		0	0		5		
94150 GOVE AIRPORT	1217S	13640E	54		1006.8	1012.9	25.1		25.5		7	33		4	194	85
94170 WEIPA AERO	1241S	14150E	19		1010.5	1012.7	26.1		23.2		1	5			218	
94203 BROOME AIRPORT	1757S	12210E	17		1013.8	1014.8	23.2		16.8		5	107	105	6	272	
94212 HALLS CREEK AIRPORT	1814S	12740E	424		967.7	1016.5	20.6		12.5		2	64	60	5		
94238 TENNANT CREEK MET OFFICE	1938S	13410E	377		974.7	1018.4	18.1		10.4		4	38	32	5	257	81
94287 CAIRNS AERO	1653S	14540E	8		1016.2	1017.1	23.2		21.6		8	37	12	5	143	64
94294 TOWNSVILLE AERO	1915S	14640E	9		1017.8	1018.9	22.1		19.0		1	2	-8	2	194	75
94299 WILLIS ISLAND	1618S	14950E	9		1015.1	1016.1	25.4		24.3		3	22	-9	3		
94300 CARNARVON AIRPORT	2453S	11340E	8		1018.9	1019.8	15.5		9.7		1	6	-35	1		
94302 LEARMONTH AIRPORT	2214S	11400E	6		1017.4	1018.0	17.9		10.0		0	0	-26	1		
94312 PORT HEDLAND AIRPORT	2022S	11830E	10		1015.4	1016.3	21.1		12.1		2	53	45	5		
94313 WITTENOOM	2215S	11820E	464		964.3	1017.8			8.2		2	11		4		
94317 NEWMAN AERO	2325S	11940E	526		958.4	1019.3	15.1		7.3		1	5		4		
94326 ALICE SPRINGS AIRPORT	2348S	13350E	547		958.2	1022.5	11.8		10.0		11	101	85	5	195	68
94332 MOUNT ISA AERO	2041S	13920E	342		979.0	1018.8	18.2		10.1		2	18	9	5	191	64
94339 WINTON POST OFFICE	2223S	14300E	184		998.1	1019.7	17.6		12.1		3	16		4		
94340 RICHMOND POST OFFICE	2044S	14300E	214		992.8	1017.9			11.8		1	3		4		
94346 LONGREACH AERO	2326S	14410E	192		997.7	1020.6	16.2		10.2		2	16	-7	4		
94367 MACKAY MO	2107S	14910E	33		1015.9	1020.3	19.3		18.9		4	21	-27	2	226	100
94374 ROCKHAMPTON AERO	2323S	15020E	14		1019.4	1021.2	18.0		14.7		3	17	-15	3		
94380 GLADSTONE RADAR	2351S	15110E	75		1012.7	1021.6	18.4		15.4		4	14		2		
94403 GERALDTON AIRPORT	2848S	11440E	37		1017.7	1022.0	12.2		10.2		7	82	-6	2		
94430 MEEKATHARRA AIRPORT	2637S	11830E	522		960.5	1021.3	12.3		6.4		2	5	-19	2		
94461 GILES METEOROLOGICAL OFFICE	2502S	12810E	599		951.3	1021.0	13.5		7.5		3	25	18	5	235	83
94476 OODNADATTA AIRPORT	2733S	13520E	118		1009.2	1023.4	12.2		8.8		3	26		5		
94480 MARREE	2939S	13800E	51		1018.4	1024.6			9.0		4	53		6		
94485 TIBOOBURRA POST OFFICE	2926S	14200E	184						9.2		4	52	34	5		
94510 CHARLEVILLE AERO	2625S	14610E	306		986.7	1023.0	12.5		10.7		9	77	53	5		
94517 ST GEORGE AIRPORT	2803S	14830E	200		999.2	1023.2	12.5		10.3		7	56				
94568 AMBERLEY AMO	2738S	15240E	31		1019.8	1023.6	14.0		11.7		5	39	-29	4		
94570 TEWANTIN RSL PARK	2623S	15300E	7		1021.7	1022.5	16.5		14.6		13	80				
94578 BRISBANE AERO	2723S	15300E	10		1021.5	1022.6	15.6		13.0		8	37	-31	1	146	
94589 YAMBA PILOT STATION	2926S	15320E	30		1019.4	1022.8	14.7		13.8		10	119		4		

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	QUANTILE	TOTAL	% of AV.
94601 CAPE LEEUWIN	3422S	11500E	14		1018.5	1020.2	14.2		11.4		18	142		1		
94602 ROTTNES ISLAND	3201S	11530E	43		1016.0	1021.2	14.5		11.3		13	88		2		
94610 PERTH AIRPORT	3156S	11550E	20		1019.1	1021.6	11.3		10.0		11	133	-25	2	215	
94619 DALWALLINU COMPARISON	3017S	11640E	338						9.3		6	45		2		
94635 LAKE GRACE COMPARISON	3307S	11820E	287						9.4		5	28		1		
94637 KALGOORLIE-BOULDER AIRPORT	3047S	12120E	370		977.9	1022.1	10.5		7.3		3	13	-12	2		
94638 ESPERANCE	3350S	12150E	27		1017.5	1020.8	11.7		9.9		13	98	-3	3		
94647 EUCLA	3141S	12850E	102		1010.2	1022.5	11.2		9.2		5	44		5		
94653 CEDUNA AMO	3208S	13340E	24		1021.2	1023.1	10.5		9.6		9	43	3	4	223	111
94659 WOOMERA AERODROME	3109S	13640E	168		1003.6	1024.0	10.5		8.1		3	15	-1	4	234	105
94672 ADELAIDE AIRPORT	3457S	13830E	8		1022.6	1023.6	10.5		10.0		7	45	-21	2	159	105
94681 NURIOOTPA VITICULTURAL	3429S	13900E	276		990.7	1024.1	8.3		9.1		6	39	-28	1	165	116
94689 BROKEN HILL (PATTON STREET)	3159S	14120E	315						9.0		5	19		3		
94693 MILDURA AIRPORT	3414S	14200E	53		1017.9	1024.4	9.2		9.4		7	26	0	3	177	105
94711 COBAR MO	3129S	14550E	264		992.2	1024.0	10.2		9.4		7	93	64	6	148	70
94738 SCONE SCS	3204S	15050E	216						10.5		7	61		5		
94740 GUNNEDAH SCS	3102S	15010E	307						10.2		10	101		0		
94750 NOWRA RAN AIR STATION AWS	3457S	15030E	122		1010.6	1023.3	10.4		9.7		8	63	15	1		
94767 SYDNEY AIRPORT AMO	3356S	15110E	6		1022.8	1023.4	12.8		10.9		13	80	26	4	149	72
94776 WILLIAMTOWN RAAF	3248S	15150E	10		1022.3	1023.4	11.9		11.8		15	115	52	5		
94786 PORT MACQUARIE AIRPORT AWS	3126S	15250E	5		1022.5	1023.1	12.8		11.6		11	65				
94791 COFFS HARBOUR MO	3019S	15300E	6		1021.9	1022.7	14.2		12.2		11	160	98	5	183	83
94802 ALBANY AIRPORT	3456S	11740E	71		1011.4	1019.8	10.7		10.2		15	136	14	4	187	
94812 ROBE	3710S	13940E	4		1022.5	1023.0			11.3		9	80		2		
94814 STRATHALBYN RACECOURSE	3517S	13850E	58		1016.0	1023.1	10.1		9.5		4	42		4		
94821 MOUNT GAMBIER AERO	3744S	14040E	69		1014.3	1022.7	9.0		9.9		9	90	-13	3	150	113
94826 CAPE NELSON LIGHTHOUSE	3826S	14130E	47		1016.5	1022.2	11.1		10.9		13	86		4		
94842 CAPE OTWAY LIGHTHOUSE	3851S	14330E	83		1012.2	1022.3	10.5		10.4		16	77		1		
94865 LAVERTON RAAF	3752S	14440E	20		1020.7	1023.2	9.5		9.7		4	18	-25	1		
94866 MELBOURNE AIRPORT	3740S	14450E	132		1009.1	1023.6	9.2		9.2		6	28	-10	3	114	
94893 WILSONS PROMONTORY LIGHTHOUS	3907S	14620E	97		1009.8	1021.6	11.1		10.2		13	68		1		
94907 EAST SALE AIRPORT	3806S	14700E	8		1022.0	1023.0	8.0		8.8		4	11	-32	1	177	112
94910 WAGGA WAGGA AMO	3510S	14720E	221		998.5	1024.6	7.3		8.9		7	71	16	4	159	130
94917 ORBOST (COMPARISON)	3741S	14820E	42						8.6		5	20		1		
94937 MORUYA HEADS PILOT STATION	3555S	15000E	17		1020.9	1022.9			9.8		6	52		4		
94954 CAPE GRIM BAPS	4040S	14440E	94		1010.0	1021.2	10.8		10.3		19	78		2		
94967 CAPE BRUNY LIGHTHOUSE	4330S	14700E	55		1012.1	1019.0	10.0		9.6		11	50		0		
94975 HOBART AIRPORT	4250S	14730E	27		1016.4	1019.8	8.8		7.9		1	4	-45	0	180	122
94983 EDDYSTONE POINT	4100S	14820E	21		1018.7	1021.2	10.7		10.4		7	46		1		
95322 RABBIT FLAT	2011S	13000E	340		978.8	1018.4	17.7		11.8		4	40			199	
95527 MOREE AERO	2929S	14950E	218		997.1	1023.5	11.8		10.1		6	87			175	80
95646 FORREST	3050S	12800E	160		1003.2	1022.6	10.3		8.5		3	23				
95670 RAYVILLE PARK	3347S	13810E	109		1010.5	1023.8	8.7		9.4		5	25		3		
95719 DUBBO AIRPORT AWS	3213S	14830E	285		989.9	1024.4	9.3		9.8		6	64				
95753 RICHMOND RAAF	3336S	15040E	21		1021.5	1023.9	10.4		10.4		7	41				
95869 DENILQUIN AIRPORT AWS	3534S	14450E	96		1012.5	1024.1	7.6		9.5		5	19		2		

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.
95916 CABRAMURRA SMHEA	3556S	14820E	1483				1.7		6.0		7	94				
95964 LOW HEAD	4103S	14640E	4		1020.7	1021.1	9.9		10.1		9	84				
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15900E	7		1020.9	1021.7	16.4		12.5		15	139	-16	3		
94996 NORFOLK ISLAND AERO	2902S	16750E	117		1006.7	1020.6	15.8		12.4		11	46	-77	1	204	112
94998 MACQUARIE ISLAND	5430S	15850E	8		1002.8	1003.8	3.9		6.9		18	69	0	3	24	100
INDONESIA																
96001 SABANG/CUT BAU	0552N	09519E	126		995.4	1010.2	27.1		30.7		14	156			103	
96035 MEDAN/POLONIA	0334N	09841E	25		1009.4	1013.2	27.6		28.8		12	220		4	140	115
96109 PEKAN BARU/SIMPANGTIGA	0028N	10120E	31			1008.5	27.5		29.0		8	322		4	139	
96171 RENGAT/JAPURA	0020S	10210E	46		1006.7	1009.2	26.7		29.9		13	201		5	108	85
96221 PALEMBANG/ST. M. BADARUDIN I	0254S	10440E	10		1008.0	1009.8	26.8		27.3		9	185			138	50
96237 PANGKAL PINANG	0210S	10600E	33		1005.5	1009.6	27.0		28.9		15	140			127	50
96249 TANJUNG PANDAN/BULUH TUMBANG	0245S	10740E	44		1003.2	1009.3	25.8		30.1		21	423		5	91	50
96295 TANJUNG KARANG/RADIN INTEN I	0506S	10510E	96		1000.2	1010.4	25.9				13	212			14	105
96509 TARAKAN/JUWATA	0320N	11730E	6		1008.7	1009.7	27.0		31.4		26	456			120	
96581 PONTIANAK/SUPADIO	0009S	10920E	3		1009.0	1009.7	26.7		29.8		23	320		6	167	85
96633 BALIKPAPAN/SEPINGGAN	0116S	11650E	3		1008.6	1009.4	26.8		31.7		18	275			79	60
96685 BANJARMASIN/SYAMSUDIN NOOR	0326S	11440E	20		1007.4	1010.1	26.6		30.0		21	186		2	94	60
96739 CURUG/BUDIARTO	0614S	10630E	46		1005.1	1010.0	26.4		28.6		13	231		5	106	55
96745 JAKARTA/OBSERVATORY	0611S	10650E	8		1009.7	1010.2	28.5		30.3		16	250		5	107	60
96749 JAKARTA/SOEKARNO-HATTA	0607S	10630E	8		1008.9	1010.2	27.5		28.1		12	239			136	
96791 CIREBON/JATIWANGI	0645S	10810E	50		1005.5	1010.4	27.2		28.5		17	89		2	156	75
96797 TEGAL	0651S	10900E	10		1009.5	1009.9	27.8		29.2		14	92		5	177	80
96805 CILACAP	0744S	10900E	6		1010.3	1011.8	27.0		29.7		21	343			175	75
96837 SEMARANG	0658S	11020E	3			1009.9	28.2		30.2		8	158		6	177	90
96933 SURABAYA/PERAK I	0713S	11240E	3		1009.6	1010.3	28.8		29.2		5	68		5	171	95
97014 MENADO/ SAM RATULANGI	0132N	12450E	80		1000.4	1009.7	27.3		25.5		9	121		3	220	110
97072 PALU/MUTIARA	0041S	11940E	6		1000.6	1010.6	26.9		28.3		11	112			157	150
97180 UJUNG PANDANG/HASANUDDIN	0504S	11930E	14		1008.2	1010.4	27.0		30.2		14	185		5	193	80
97230 DENPASAR/NGURAH RAI	0845S	11510E	1			1000.9	27.0		29.9		9	114		1	313	
97240 MATARAM/SELAPARANG	0832S	11600E	3			1011.1	26.1		27.7		11	345		6	189	230
97260 SUMBAWA BESAR/BRANGBIJI	0826S	11720E	3			1010.4	26.0		27.5		6	92		3	258	105
97372 KUPANG/ELTARI	1010S	12340E	108			1011.8	26.7		27.6		1	2			205	95
97502 SORONG/JEFMAN	0056S	13100E	3		1008.8	1009.1	26.6		29.6		19	358			188	
97530 MANOKWARI/RENDANI	0053S	13400E	3		1007.9	1008.5	28.3		30.7		11	109		1	161	105
97560 BIAK/FRANS KAISIEPO	0111S	13600E	11		1007.8	1009.3	27.0		30.3		12	291		6	144	
97686 WAMENA	0404S	13850E	1660		835.6	1008.8	19.1				6	29		4		
97690 JAYAPURA/SENTANI	0234S	14020E	99		998.7	1008.9	27.7		29.9		2	52			66	
97724 AMBON/PATTIMURA	0342S	12800E	12		1001.0	1008.4	26.6		29.9		21	736			101	100
97760 KAIMANA/UTAROM	0340S	13340E	3		1006.2	1009.9	27.0		25.6		13	179			116	65
97876 TANAH MERAH	0606S	14010E	16		1010.0	1013.2	26.8		29.9		18	262			83	
97980 MERAUKE/MOPAH	0828S	14020E	3		1009.3	1010.0	26.8		28.2		7	20			109	55

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.
BRUNEI DARUSSALAM 96315 BRUNEI AIRPORT	0456N	11450E	22		1007.5	1009.4	27.4		30.5	.9	21	455	236	6	232	105
MALAYSIA (SABAH AND SARAWAK)																
96413 KUCHING	0129N	11020E	27		1007.3	1009.9	26.3		29.4		19	389		6		
96421 SIBU	0220N	11150E	31		1006.7	1010.3	26.2		28.9		16	406		6		
96441 BINTULU	0312N	11300E	5		1007.0	1009.7	26.6	-.1	29.7		21	456	202	5		
96449 MIRI	0420N	11350E	18		1007.6	1009.5	25.6	-1.3	27.2		21	407	201	6		
96465 LABUAN	0518N	11510E	30		1006.3	1009.6	27.1		30.8	.7	19	389		5		
96471 KOTA KINABALU	0556N	11600E	3		1009.7	1010.0	27.0		29.5		21	405		5		
96481 TAWAU	0416N	11750E	20		1007.9	1009.8	26.9		29.2		13	118	-89	1		
96491 SANDAKAN	0554N	11800E	13		1008.6	1009.8	27.4	.3	29.9		11	69		1		
ISLANDS																
96995 CHRISTMAS ISLAND AERO	1027S	10540E	279		981.8	1011.4	24.3		27.5		17	448		6		
96996 COCOS ISLAND AERO	1211S	09650E	4		1011.1	1011.5	26.3		28.5		22	513	316	6		
PHILIPPINES																
98223 LAOAG	1811N	12030E	5		1008.1	1008.7	29.4		33.6		16	268			243	
98233 TUGUEGARAO	1737N	12140E	62		1001.9	1009.0	28.4		29.2		12	148			220	110
98325 DAGUPAN	1603N	12020E	2		1008.9	1009.2	28.6	.5	29.8	-1.3	19	265	-242			
98328 BAGUIO	1625N	12030E	1501		851.4	1008.3	19.5		20.6		29	544				
98330 CABANATUAN	1529N	12050E	32		1006.5	1009.7	29.6		33.6		20	356				
98430 SCIENCE GARDEN	1438N	12100E	46		1003.9	1008.8	27.8		31.3		18	410			129	
98444 LEGASPI	1308N	12340E	17		1007.6	1009.5	28.6	.8	31.7	1.0	18	183	-83			
98550 TACLOBAN	1115N	12500E	3		1009.0	1009.3	28.2	.4	31.7	1.8	16	239	72		174	
98637 ILOILO	1042N	12230E	8		1008.6	1009.3	27.8	.2	28.1	-3.0	15	129	-184			
98644 TAGBILARAN	0936N	12350E	8		1008.6	1009.5	28.1		31.7		13	164				
98646 MACTAN	1018N	12350E	24		1008.9	1011.7	28.7	.4	33.6	3.2	17	346	189			
98653 SURIGAO	0948N	12530E	55		1005.2	1009.7	28.3	.5	31.8	1.4	12	168	31			
98755 HINATUAN	0822N	12620E	3		1009.4	1009.8	27.7		31.7		16	352				
98836 ZAMBOANGA	0654N	12200E	6		1009.5	1010.3	27.1	-.3	31.1	1.5	16	234	98		162	

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.
JANUARY 2008																
AFRICA																
MADAGASCAR																
67067 AMBOHITSILAOZANA	1738S	04830E	780		923.6	1500 Y	23.8		23.4		19	212		2		
67131 MOROMBE	2145S	04322E	5		1007.3	1007.8					10	131		3		
67152 RANOHIRA	2233S	04524E	824			1014.9	23.8		20.2		19	214		3		
FEBRUARY 2008																
AFRICA																
MADAGASCAR																
67067 AMBOHITSILAOZANA	1738S	04830E	780		923.2	1491 Y	21.1		20.9		18	410		5		
67131 MOROMBE	2145S	04322E	5		1006.7	1007.2					9	69		3		
67152 RANOHIRA	2233S	04524E	824			1014.9	23.2		19.9		14	192		3		
MARCH 2008																
AFRICA																
MADAGASCAR																
67067 AMBOHITSILAOZANA	1738S	04830E	780		925.2	1512 Y	22.7		21.3		10	41		1		
67131 MOROMBE	2145S	04322E	5		1009.2	1009.7					8	200		5		
67152 RANOHIRA	2233S	04524E	824			1015.1	23.1		18.4		8	43		4		
APRIL 2008																
AFRICA																
MADAGASCAR																
67067 AMBOHITSILAOZANA	1738S	04830E	780		926.7	1524 Y	21.9		19.6		02	0005		1		

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.	
67131 MOROMBE 67152 RANOHIRA MAY 2008 AFRICA	2145S 2233S	04322E 04524E	5 824		1012.1	1012.6			15.7			0 1	0 9		0 0		
MADAGASCAR 67067 AMBOHITSILAOZANA 67131 MOROMBE 67152 RANOHIRA JUNE 2008 AFRICA	1738S 2145S 2233S	04830E 04322E 04524E	780 5 824		928.8 1014.6	1538 Y 1015.1 1015.4	19.9		18.4			3 0 3	15 0 3		4 0 3		
MADAGASCAR 67067 AMBOHITSILAOZANA 67131 MOROMBE 67152 RANOHIRA JULY 2008 AFRICA	1738S 2145S 2233S	04830E 04322E 04524E	780 5 824		930.8 1017.9	1554 Y 1018.4 1015.5	18.3		16.6			11 1 1	14 1 1		5 3 3		
MADAGASCAR 67067 AMBOHITSILAOZANA 67131 MOROMBE 67152 RANOHIRA AUGUST 2008 AFRICA	1738S 2145S 2233S	04830E 04322E 04524E	780 5 824		931.9 1018.2	1561 Y 1018.7 1015.6	17.2		15.2			07 0 0	0015 0 0		3 0 0		
MADAGASCAR																	

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.
67067 AMBOHITSILAOZANA 67131 MOROMBE 67152 RANOHIRA SEPTEMBER 2008 AFRICA	1738S 2145S 2233S	04830E 04322E 04524E	780 5 824		930.8 1015.8	1554 Y 1016.3 1015.4	18.3		15.4		01 0 0	0002 0 0		4 0 0		
67067 AMBOHITSILAOZANA 67131 MOROMBE 67152 RANOHIRA OCTOBER 2008 AFRICA	1738S 2145S 2233S	04830E 04322E 04524E	780 5 824		929.5 1014.5	1547 Y 1015.0 1015.3	20.5		16.6		2 0 1	18 0 1		5 0 2		
67067 AMBOHITSILAOZANA 67131 MOROMBE 67152 RANOHIRA NOVEMBER 2008 AFRICA	1738S 2145S 2233S	04830E 04322E 04524E	780 5 824		928.6 1012.4	1541 Y 1012.9 1015.3	21.2		17.4		9 0 5	81 0 73		5 0 4		
67067 AMBOHITSILAOZANA 67131 MOROMBE 67152 RANOHIRA DECEMBER 2008 AFRICA	1738S 2145S 2233S	04830E 04322E 04524E	780 5 824		925.4 1010.2	1517 Y 1010.7 1015.4	23.3		22.5		16 1 7	233 2 99		5 2 3		

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.
MADAGASCAR																
67067 AMBOHITSILAOZANA	1738S	04830E	780		925.3	1516 Y	23.4		21.7		14	107		0		
67131 MOROMBE	2145S	04322E	5		1009.3	1009.8					1	1		1		
67152 RANOHIRA	2233S	04524E	824			1015.2	25.8		20.6		19	111		1		
JANUARY 2009																
AFRICA																
MADAGASCAR																
67009 ANTSIRANANA	1221S	04918E	114		998.8	1010.7	26.9	.9	28.5	.9	18	0115	-222	1	167	88
67023 SAMBAVA	1417S	05010E	5		1009.6	1010.2	27.3	1.2	30.6	2.2	22	186	-156	0		
67067 AMBOHITSILAOZANA	1738S	04830E	780		924.3	1509 Y	24.3		23.7		16	237		2		
67107 ANTSIRABE	1949S	04704E	1532		847.9		20.4		17.0			643		0		
67113 MAHANORO	1950S	04848E	5		1010.5	1011.0	28.0				17	579		0		
67131 MOROMBE	2145S	04322E	5		1007.8	1008.3					8	183		4		
67152 RANOHIRA	2233S	04524E	824		916.1	1477 Y	25.1		22.8		23	351		5		
FEBRUARY 2009																
AFRICA																
MADAGASCAR																
67009 ANTSIRANANA	1221S	04918E	114		995.7	1007.6	26.7	.7	28.5	.3	13	0227	-078	3	191	112
67023 SAMBAVA	1417S	05010E	5		1009.5	1010.1	26.9	.6	29.5	.4	21	177	-80	0		
67067 AMBOHITSILAOZANA	1738S	04830E	780		924.7	1510 Y	23.3		21.7		14	192		2		
67107 ANTSIRABE	1949S	04704E	1532		844.2		20.7		19.1		12	168		0		
67113 MAHANORO	1950S	04848E	5		1013.2	1013.8	27.1				17	0143		1		
67131 MOROMBE	2145S	04322E	5		1008.5	1009.0					4	12		2		
67137 FIANARANTSOA	2127S	04706E	1115		889.7		22.2	1.4	21.4	.8	18	58	-162	0		
67152 RANOHIRA	2233S	04524E	824		920.6	1529 Y	25.1		20.8		12	114		2		
MARCH 2009																
AFRICA																
MADAGASCAR																

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.
67009 ANTSIRANANA	1221S	04918E	114		998.6	1010.5	27.0	.8	27.8	.6	10	0194	0015		191	89
67023 SAMBAVA	1417S	05010E	5		1009.6	1010.2	27.0	.9	29.9	1.2		190	-94	0		
67067 AMBOHITSILAOZANA	1738S	04830E	780		924.3	1509 Y	24.0		23.7		17	220		4		
67107 ANTSIRABE	1949S	04704E	1532		848.3		19.8		16.2		1	54		0		
67113 MAHANORO	1950S	04848E	5		1011.0	1011.6	26.7				20	0084		1		
67131 MOROMBE	2145S	04322E	5		1008.1	1008.6					13	213		5		
67137 FIANARANTSOA	2127S	04706E	1115		889.2		22.9	2.9	22.3	2.4	19	133	-4	3		
67152 RANOHIRA	2233S	04524E	824		920.1	1512 Y	23.9		21.3		14	201		5		
APRIL 2009																
AFRICA																
MADAGASCAR																
67009 ANTSIRANANA	1221S	04918E	114		999.2	1011.1	27.1	.8	25.8	-9	4	0160	0108		235	92
67023 SAMBAVA	1417S	05010E	5		1010.9	1011.5	26.3	.8	29.1	1.4	21	154	-73	0		
67067 AMBOHITSILAOZANA	1738S	04830E	780		926.2	1015.2	22.2		18.6		14	144		5		
67107 ANTSIRABE	1949S	04704E	1532		849.3		19.1		15.5		21	49		0		
67113 MAHANORO	1950S	04848E	5		1011.6	1015.4	24.4				19	0294		5		
67131 MOROMBE	2145S	04322E	5		1004.2	1004.7					0	0		0		
67137 FIANARANTSOA	2127S	04706E	1115		891.2		19.6	.7	18.7	.4	14	100	54	5		
67152 RANOHIRA	2233S	04524E	824		923.4	1536 Y	21.3		16.5		6	30		4		
MAY 2009																
AFRICA																
MADAGASCAR																
67009 ANTSIRANANA	1221S	04918E	114		1001.0	1012.9	26.7	1.3	22.5	-9	1	0006	-007	0	292	103
67023 SAMBAVA	1417S	05010E	5		1012.7	1013.3	25.5	1.4	26.6	1.7	11	53	-130	0		
67067 AMBOHITSILAOZANA	1738S	04830E	780		927.8	1537 Y	22.1		20.5		6	8		3		
67107 ANTSIRABE	1949S	04704E	1532		851.2		17.6		14.0		9	54		0		
67113 MAHANORO	1950S	04848E	5		1016.2	1016.8	23.4				10	0032		0		
67131 MOROMBE	2145S	04322E	5		1013.7	1014.2					1	1		2		
67137 FIANARANTSOA	2127S	04706E	1115		892.1		18.8	2.1	16.9	.9	07	0010	-017	1		
67152 RANOHIRA	2233S	04524E	824		924.2	1541 Y	20.4		14.6		2	5		3		
JUNE 2009																
AFRICA																

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.
MADAGASCAR																
67009 ANTSIRANANA	1221S	04918E	114		1004.2	1016.1	25.8	1.7	20.9	-.1	3	0054	0035		258	101
67023 SAMBAVA	1417S	05010E	5		1016.2	1016.8	24.0	1.5	24.6	2.3	21	92	-90	0		
67067 AMBOHITSILAOZANA	1738S	04830E	780		931.0	1558 Y	19.5		16.6		02	0003		1		
67107 ANTSIRABE	1949S	04704E	1532		851.7		13.7		10.3		0	0		0		
67113 MAHANORO	1950S	04848E	5		1018.7	1019.3	22.4				10	0021		0		
67131 MOROMBE	2145S	04322E	5		1016.6	1017.1					2	4		4		
67137 FIANARANTSOA	2127S	04706E	1115		894.5		17.9	3.4	16.0	2.1	04	0006	-010	1		
67152 RANOHIRA	2233S	04524E	824		926.1	1559 Y	19.5		13.7		01	0002		2		
67157 FARAFANGANA	2248S	04750E	8		1020.7	1021.4					12	100		2		
JULY 2009																
AFRICA																
MADAGASCAR																
67009 ANTSIRANANA	1221S	04918E	114		1005.0	1016.9	24.6	1.1	18.9	-1.1	3	0012	-007	0	268	98
67023 SAMBAVA	1417S	05010E	5		1018.4	1019.0	22.6	1.6	22.5	.8	22	103	-73	0		
67067 AMBOHITSILAOZANA	1738S	04830E	780		932.4	1560 Y	17.5		15.0		01	0004		1		
67107 ANTSIRABE	1949S	04704E	1532		852.5		14.9		11.3		02	0020		0		
67113 MAHANORO	1950S	04848E	5		1022.3	1022.9	20.3				25	0113		2		
67131 MOROMBE	2145S	04322E	5		1019.3	1019.8					0	0		0		
67137 FIANARANTSOA	2127S	04706E	1115		896.8		15.1	1.1	14.4	.8	15	61	37	6		
67152 RANOHIRA	2233S	04524E	824		928.9	1586 Y	17.2		11.9		1	1		1		
67157 FARAFANGANA	2248S	04750E	8		1024.5	1025.3					23	166		4		
AUGUST 2009																
AFRICA																
MADAGASCAR																
67009 ANTSIRANANA	1221S	04918E	114		1004.8	1016.7	24.2	.8	19.9	.9	7	0053	0035		376	133
67023 SAMBAVA	1417S	05010E	5		1018.1	1018.7	22.4	1.5	22.0	.6	25	175	-19	0		
67067 AMBOHITSILAOZANA	1738S	04830E	780		932.1	1568 Y	19.0		16.0		03	0011		2		
67107 ANTSIRABE	1949S	04704E	1532		852.1		15.0		10.4		0	0		0		
67113 MAHANORO	1950S	04848E	5		1022.1	1022.7	21.2				24	447		0		
67131 MOROMBE	2145S	04322E	5		1017.5	1018.0					0	0		0		
67137 FIANARANTSOA	2127S	04706E	1115		895.2		16.9	2.5	12.2	-1.2	16	18	-3	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.
67152 RANOHIRA	2233S	04524E	824		926.9	1573 Y	19.1		11.9		01	0003		3		
67157 FARAFANGANA	2248S	04750E	8		1023.0	1023.7					20	133		4		
SEPTEMBER 2009																
AFRICA																
MADAGASCAR																
67023 SAMBAVA	1417S	05010E	5		1018.7	1019.3	23.1	.4	22.5	-5						
67067 AMBOHITSILAOZANA	1738S	04830E	780		930.6	1557 Y	20.1		15.8		03	0006		4		
67107 ANTSIRABE	1949S	04704E	1532		851.6		17.5		12.6		20	20		0		
67113 MAHANORO	1950S	04848E	5		1019.6	1020.2	22.3				14	0028		1		
67131 MOROMBE	2145S	04322E	5		1015.7	1016.2					0	0		0		
67137 FIANARANTSOA	2127S	04706E	1115		894.6		18.8	2.6	15.9	1.4	3	3	-15	2		
67152 RANOHIRA	2233S	04524E	824		925.9	1572 Y	22.2		13.4		0	0		1		
67157 FARAFANGANA	2248S	04750E	8		1021.7	1022.5					16	112		5		
OCTOBER 2009																
AFRICA																
MADAGASCAR																
67023 SAMBAVA	1417S	05010E	5		1015.3	1015.9	23.8	1.9	23.4	-3						
67067 AMBOHITSILAOZANA	1738S	04830E	780		928.7	1015.4	21.7		16.4		6	7		3		
67107 ANTSIRABE	1949S	04704E	1532		850.2		18.9		13.3		30	61		0		
67113 MAHANORO	1950S	04848E	5		1017.0	1017.5	23.9				13	0041		1		
67131 MOROMBE	2145S	04322E	5		1013.1	1013.6					1	4		5		
67137 FIANARANTSOA	2127S	04706E	1115		892.6		21.1	2.8	18.8	2.4	10	55	-6	4		
67152 RANOHIRA	2233S	04524E	824		923.3	1543 Y	24.0		13.3		4	11		1		
67157 FARAFANGANA	2248S	04750E	8		1018.9	1019.6					16	112		5		
NOVEMBER 2009																
AFRICA																
MADAGASCAR																
67067 AMBOHITSILAOZANA	1738S	04830E	780		926.1	1523 Y	23.5		18.0		9	55		3		
67107 ANTSIRABE	1949S	04704E	1532		849.9		20.3		16.0			145		0		

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.
67113 MAHANORO	1950S	04848E	5		1013.5	1014.1	24.3				16	0077				
67131 MOROMBE	2145S	04322E	5		1010.5	1011.0					0	0				
67137 FIANARANTSOA	2127S	04706E	1115		890.5		21.4	1.7	19.3	.9	15	98	-26			
67152 RANOHIRA	2233S	04524E	824		922.6	1546 Y	24.2		15.4		7	81				
67157 FARAFANGANA	2248S	04750E	8		1016.2	1016.9					18	118				
DECEMBER 2009																
AFRICA																
MADAGASCAR																
67067 AMBOHITSILAOZANA	1738S	04830E	780		925.5	1015.2	24.5		21.8		14	103				
67107 ANTSIRABE	1949S	04704E	1532		847.9		20.4		17.1							
67113 MAHANORO	1950S	04848E	5		1013.5	1014.1	26.3									
67131 MOROMBE	2145S	04322E	5		1009.8	1010.3					4	15				
67137 FIANARANTSOA	2127S	04706E	1115		888.5		24.0	3.6	22.9	3.0	23	276	35			
67152 RANOHIRA	2233S	04524E	824		922.4	1537 Y	25.4		17.3		9	57				
67157 FARAFANGANA	2248S	04750E	8		1014.2	1014.9					17	84				

UPPER AIR

JULY 2010

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 2010 7056N 00840W OB 3									EUROPE - NORWAY BJORNOYA 01028 JUL 2010 7431N 01901E OB 3									EUROPE - NORWAY BODO 01152 JUL 2010 6717N 01427E OB 3									
030	24504	0	-43.4	35.8	0	90	106	2	030	24547	0	-42.7	36.0	5	67	139	1	030	24516	0	-45.4	35.2	0	83	128	2	
050	21081	0	-44.5	35.4	0	79	163	2	050	21112	0	-43.8	35.7	5	65	194	1	050	21125	0	-47.1	34.7	0	73	179	1	
100	16443	0	-44.3	35.5	0	73	208	2	100	16461	0	-43.3	35.7	5	92	246	4	100	16541	0	-47.1	34.5	0	94	225	5	
150	13723	0	-43.2	35.8	0	64	222	3	150	13728	0	-42.0	36.0	5	91	244	6	150	13853	0	-46.1	34.5	0	95	227	8	
200	11787	0	-44.0	34.7	0	54	239	2	200	11778	0	-41.8	36.0	5	90	242	6	200	11940	0	-46.9	28.5	0	91	227	11	
300	9101	0	-45.7	10.9	0	34	293	2	300	9072	0	-46.3	11.7	5	74	230	6	300	9257	0	-42.5	9.6	0	85	225	13	
500	5522	0	-21.0	11.1	0	25	283	1	500	5506	0	-21.9	10.2	5	68	231	3	500	5619	0	-17.0	11.1	0	85	223	8	
700	2957	0	-5.5	9.1	0	13	230	1	700	2950	0	-6.1	6.5	5	63	240	2	700	3017	0	-2.1	7.4	0	79	223	5	
850	1410	0	2.4	6.6	0	10	213	1	850	1410	0	.8	4.4	5	44	235	2	850	1451	0	5.7	4.1	0	68	213	3	
1010	* 9		5.9	1.7					1009	* 18		5.5	1.4						1008	* 33		13.1	3.9				
EUROPE - NORWAY ORLAND III 01241 JUL 2010 6342N 00936E OB 3									EUROPE - NORWAY STAVANGER/SOLA 01415 JUL 2010 5852N 00540E OB 3									EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 JUL 2010 6358N 02236W OB 3									
030	24489	0	-46.1	35.0	2	90	110	3	030	24460	0	-47.3	34.6	0	90	110	3	030	24447	0	-44.6	35.4	5	82	101	5	
050	21111	0	-47.8	34.4	2	77	166	2	050	21098	0	-49.0	34.0	0	76	150	2	050	21048	0	-46.0	34.9	0	46	151	2	
100	16543	0	-47.9	34.4	2	91	214	5	100	16557	0	-49.4	33.8	0	91	207	5	100	16440	0	-45.5	34.9	0	46	271	3	
150	13863	0	-47.0	34.1	2	91	219	8	150	13896	0	-48.2	33.9	0	90	217	8	150	13736	0	-44.7	35.0	0	38	282	3	
200	11957	0	-47.5	29.3	2	88	218	11	200	12002	0	-48.8	27.1	0	87	219	11	200	11811	0	-45.4	31.7	0	42	317	4	
300	9281	0	-42.2	10.1	2	83	218	13	300	9323	0	-41.1	10.3	0	78	211	11	300	9136	0	-45.1	9.1	0	34	2	5	
500	5632	0	-16.3	12.3	2	84	215	8	500	5658	0	-15.2	12.3	0	87	216	8	500	5531	0	-18.9	11.5	0	40	30	4	
700	3024	0	-1.7	6.8	2	77	217	4	700	3039	0	-3	11.1	0	81	217	5	700	2946	0	-3.4	8.0	0	46	63	3	
850	1454	0	7.0	6.8	2	62	222	3	850	1464	0	7.5	4.8	0	68	205	4	850	1386	0	4.6	4.1	0	60	95	4	
1011	* 10		14.2	3.9					1008	* 37		15.9	3.5						1001	* 54		12.5	3.6				
EUROPE - NETHERLANDS DE BILT 06260 JUL 2010 5206N 00511E OB 1									EUROPE - FRANCE NIMES-COURBESSAC 07645 JUL 2010 4352N 00424E OB 3									EUROPE - FRANCE AJACCIO 07761 JUL 2010 4155N 00848E OB 3									
030	24407	0	-49.1	33.5	9	94	105	7	030									030	24290	0	-52.2		7		99	10	
050	21076	0	-51.6	32.6	6	85	132	4	050	21030	0	-55.5	28.7	2	85	103	6	050	21019	0	-56.3		1	94	109	8	
100	16599	0	-52.9	32.2	6	76	228	7	100	16649	0	-58.8	26.3	1	72	267	7	100	16667	0	-59.8		1	69	259	6	
150	13986	0	-53.2	29.1	6	73	247	11	150	14098	0	-57.3	25.0	1	76	280	13	150	14118	0	-57.0		0	88	282	14	
200	12129	0	-52.3	19.8	5	64	254	15	200	12276	0	-55.1	17.0	1	64	283	14	200	12284	0	-53.6		0	72	294	13	
300	9449	0	-39.2	11.3	6	63	256	15	300	9596	0	-37.4	7.4	1	69	291	12	300	9599	0	-38.0	14.9	0	71	304	10	
500	5747	0	-13.2	14.3	2	71	244	12	500	5857	0	-9.4	11.7	1	74	285	10	500	5865	0	-9.2	17.6	0	81	302	9	
700	3105	0	2.1	1.3	2	80	238	9	700	3172	0	7.5	6.9	1	47	292	5	700	3177	0	7.7	15.8	0	50	301	4	
850	1513	0	10.5	5.8	2	80	239	7	850	1546	0	16.1	9.2	1	47	343	4	850	1547	0	18.0	13.7	0	14	274	1	
1015	* 4		19.9	6.6					1009	* 62		30.2	16.9						1015	* 9		28.2	7.4				

UPPER AIR

JULY 2010

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 - SPAIN LA CORUNA 08001 JUL 2010 4322N 00825W OB 3									EUROPE - SPAIN SANTANDER 08023 JUL 2010 4329N 00348W OB 3									EUROPE - SPAIN MADRID/BARAJAS 08221 JUL 2010 4030N 00335W OB 3									
030	24313	0	-51.5	33.2	7	95	97	5	030	24318	0	-51.4	33.3	8	97	91	5	030	24276	0	-51.9	33.2	0	96	96	6	
050	21024	0	-54.7	31.9	1	82	102	3	050	21034	0	-55.0	31.6	1	87	102	3	050	21001	0	-56.3	31.8	0	87	101	4	
100	16646	0	-59.4	29.7	1	80	263	4	100	16654	0	-59.1	30.0	0	76	257	4	100	16667	0	-61.7	28.8	0	73	261	3	
150	14110	0	-58.4	24.0	1	78	269	6	150	14114	0	-58.3	24.1	0	80	271	7	150	14148	0	-59.3	24.4	0	81	264	7	
200	12289	0	-54.7	14.8	1	67	273	7	200	12304	0	-55.0	14.5	0	70	276	7	200	12332	0	-54.8	15.8	0	67	271	7	
300	9602	0	-36.6	14.0	0	68	266	6	300	9609	0	-36.7	15.4	0	75	264	7	300	9644	0	-36.5	15.0	0	62	266	5	
500	5857	0	-8.9	19.2	0	75	269	5	500	5860	0	-9.0	19.6	0	75	268	5	500	5892	0	-8.3	21.8	0	77	259	4	
700	3169	0	7.8	22.3	0	67	269	3	700	3175	0	7.4	19.2	0	72	261	4	700	3196	0	8.8	8.0	0	64	241	3	
850	1546	0	14.9	14.3	0	16	324	1	850	1552	0	14.3	12.4	0	33	297	1	850	1555	0	20.9	16.7	0	25	230	1	
1011	* 67		19.5	3.9					1014	* 59		19.8	3.0						945	* 633		27.9	19.4				
EUROPE - SPAIN MURCIA 08430 JUL 2010 3800N 00110W OB 3									EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 08579 JUL 2010 3846N 00908W OB 3									EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 JUL 2010 5001N 01427E OB 3									
030	24254	0	-52.6	33.0	9	98	96	6	030	24261	0	-52.6	33.0	1	97	98	6	030	24397	0	-49.9	33.2	0	94	100	8	
050	20992	0	-57.4	31.6	7	92	94	4	050	20992	0	-57.0	31.7	1	95	108	4	050	21085	0	-53.1	32.1	0	76	118	4	
100	16697	0	-63.8	29.3	2	68	256	3	100	16675	0	-62.8	29.8	1	65	262	3	100	16639	0	-53.9	31.7	0	71	215	4	
150	14196	0	-59.7	27.2	3	87	267	8	150	14167	0	-59.4	26.5	1	70	252	6	150	14030	0	-52.8	29.9	0	49	255	4	
200	12374	0	-53.3	21.5	2	78	272	7	200	12347	0	-53.7	19.1	1	46	262	5	200	12175	0	-52.7	18.2	0	37	289	5	
300	9668	0	-36.3	20.0	2	69	272	5	300	9650	0	-36.0	15.5	1	21	266	2	300	9498	0	-39.1	11.2	0	30	277	5	
500	5920	0	-8.4	23.4	2	83	268	5	500	5895	0	-7.9	21.4	1	44	242	3	500	5790	0	-12.2	12.2	0	46	286	4	
700	3214	0	10.6	17.3	1	74	261	3	700	3192	0	9.6	28.0	1	34	271	1	700	3139	0	3.4	8.7	0	43	291	2	
850	1564	0	21.1	17.9	1	32	170	1	850	1554	0	19.3	20.6	1	32	338	1	850	1535	0	13.2	5.6	0	46	319	2	
1009	* 62		28.2	9.1					1005	* 105		28.1	13.6						981	* 303		21.8	8.6				
EUROPE - POLAND WROCLAW I 12425 JUL 2010 5107N 01653E OB 3									EUROPE - ROMANIA CLUJ-NAPOCA 15120 JUL 2010 4647N 02334E OB 1									EUROPE - BULGARIA SOFIA (OBSERV.) 15614 JUL 2010 4239N 02323E OB 0									
030	24409	0	-49.9	33.3	0	95	98	7	030									030	24317	0	-50.4	32.6	9	95	100	9	
050	21095	0	-52.8	32.4	0	85	118	5	050	21080	0	-55.3	31.1	3	84	101	5	050	21044	0	-56.3	30.9	9	91	106	6	
100	16643	0	-53.6	32.2	0	77	202	5	100	16677	0	-55.7	30.6	1	77	229	6	100	16693	0	-59.1	29.0	2	81	235	9	
150	14030	0	-52.2	31.4	0	38	229	3	150	14068	0	-51.4	31.5	0	73	241	9	150	14116	0	-52.6	31.0	1	88	241	17	
200	12169	0	-52.4	19.7	0	21	287	3	200	12192	0	-50.3	22.2	0	53	252	7	200	12239	0	-48.7	26.5	1	80	251	16	
300	9496	0	-39.0	12.3	0	17	241	3	300	9501	0	-38.9	9.4	0	31	290	4	300	9527	0	-37.4	15.9	2	57	267	8	
500	5786	0	-11.8	13.8	0	25	264	2	500	5786	0	-11.5	12.5	0	28	314	2	500	5799	0	-10.3	16.4	1	49	290	5	
700	3132	0	3.4	2.9	0	32	300	2	700	3127	0	3.9	5.3	0	21	4	1	700	3132	0	4.6	7.4	0	39	331	2	
850	1529	0	12.7	5.9	0	32	326	2	850	1517	0	14.2	14.2	0	19	337	1	850	1518	0	15.7	5.9	0	33	313	2	
1002	* 122		21.1	20.7					967	* 414		16.7	.6					947	* 595		26.0	11.3					

UPPER AIR

JULY 2010

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - ITALY UDINE/CAMPOFORMIDO 16044 JUL 2010 4602N 01311E OB									EUROPE - ITALY BRINDISI 16320 JUL 2010 4039N 01757E OB 3									EUROPE - ITALY TRAPANI BIRGI 16429 JUL 2010 3755N 01230E OB 3								
030	24347	0	-51.2	33.1	2	96	95	10	030	24280	0	-52.3	33.1	3	97	88	12	030	24243	0	-53.1	32.9	2	98	92	13
050	21057	0	-54.8	32.1	2	87	106	6	050	21022	0	-57.5	31.6	1	93	94	8	050	20994	0	-58.3	31.3	2	92	94	7
100	16650	0	-55.9	30.7	0	66	252	4	100	16693	0	-59.8	30.2	0	81	241	9	100	16706	0	-62.8	27.4	1	89	262	10
150	14057	0	-53.6	29.0	0	73	281	8	150	14130	0	-54.2	31.1	0	88	254	19	150	14180	0	-56.5	28.2	1	93	262	19
200	12207	0	-53.0	17.6	0	60	300	8	200	12265	0	-49.6	25.8	0	80	266	15	200	12330	0	-50.7	24.6	0	92	274	19
300	9528	0	-38.9	11.9	0	58	297	8	300	9559	0	-37.5	15.1	0	70	297	10	300	9616	0	-36.7	19.6	0	85	296	12
500	5812	0	-11.4	13.1	0	56	305	5	500	5824	0	-9.5	22.9	0	70	316	7	500	5871	0	-8.3	22.9	0	89	312	10
700	3149	0	4.6	5.9	0	53	316	4	700	3146	0	6.5	11.4	0	74	334	5	700	3177	0	8.7	19.4	0	89	318	7
850	1532	0	15.4	6.0	0	36	303	2	850	1522	0	17.0	16.3	0	78	343	5	850	1542	0	18.9	16.4	0	60	335	3
1004	* 94		22.1	4.9					1013	* 10		23.5	22.6					1014	* 9		26.3	3.2				
EUROPE - ITALY CAGLIARI ELMAS 16560 JUL 2010 3914N 00903E OB /									EUROPE - GREECE HERAKLION (AIRPORT) 16754 JUL 2010 3520N 02511E OB /									EUROPE - TURKEY SAMSUN 17030 JUL 2010 4117N 03618E OB 3								
030	24262	0	-52.6	33.0	5	98	92	12	030	24237	0	-54.1	32.4	7	98	86	16	030	24272	0	-52.6	29.7	3	96	97	9
050	21007	0	-57.5	31.6	1	92	94	8	050	21001	0	-59.9	30.1	6	94	104	10	050	21011	0	-58.1	27.6	3	94	109	7
100	16693	0	-61.9	29.2	0	90	264	9	100	16798	0	-69.0	20.0	4	92	224	16	100	16749	0	-65.6	18.7	4	93	237	15
150	14160	0	-56.7	29.8	0	89	270	16	150	14319	0	-58.0	26.1	3	95	234	28	150	14236	0	-56.0	21.6	3	97	243	29
200	12319	0	-52.6	22.0	0	89	289	18	200	12460	0	-45.9	31.1	2	96	238	30	200	12366	0	-45.7	23.8	3	97	244	31
300	9624	0	-37.0	16.3	0	83	307	13	300	9662	0	-28.8	34.9	2	94	247	25	300	9577	0	-31.2	23.3	3	95	241	24
500	5879	0	-8.7	22.0	0	88	309	10	500	5851	0	-5.9	30.2	1	83	277	10	500	5797	0	-7.9	19.9	3	87	239	8
700	3183	0	9.3	21.8	0	83	305	7	700	3135	0	10.3	21.7	1	80	323	6	700	3108	0	7.8	8.0	3	54	256	3
850	1545	0	19.4	19.0	0	29	337	2	850	1501	0	17.4	9.7	1	90	347	8	850	1485	0	16.1	5.3	3	51	327	2
1015	* 5		23.5	4.8					1006	* 39		25.3	5.7					1010	* 4		27.4	5.8				
EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 JUL 2010 4058N 02905E OB 3									EUROPE - TURKEY ANKARA/CENTRAL 17130 JUL 2010 3957N 03253E OB 3									EUROPE - TURKEY IZMIR/GUZELYALI 17220 JUL 2010 3826N 02710E OB 3								
030	24303	0	-51.9	29.4	8	98	97	9	030	24288	0	-52.1	30.9	3	97	97	10	030	24284	0	-51.5	30.6	2	98	98	11
050	21031	0	-57.3	27.1	7	91	111	7	050	21027	0	-58.4	28.4	3	94	110	8	050	21014	0	-58.4	27.8	2	97	108	9
100	16733	0	-63.0	19.7	4	89	223	14	100	16777	0	-66.1	19.2	3	91	225	15	100	16756	0	-65.8	19.1	1	91	224	15
150	14195	0	-54.6	22.0	3	94	233	26	150	14271	0	-56.5	22.4	3	95	238	27	150	14247	0	-56.4	22.2	1	94	235	27
200	12319	0	-45.9	23.2	3	94	236	29	200	12402	0	-45.8	24.4	3	96	238	30	200	12377	0	-46.1	24.1	1	94	240	29
300	9551	0	-34.2	18.8	1	86	241	18	300	9609	0	-29.9	26.5	3	95	242	25	300	9594	0	-31.4	24.2	1	91	246	22
500	5793	0	-8.5	17.1	1	64	242	7	500	5818	0	-7.7	23.3	3	82	242	8	500	5815	0	-7.7	23.1	1	77	253	8
700	3111	0	6.6	10.8	1	11	281	1	700	3127	0	8.1	7.5	3	34	241	2	700	3117	0	8.3	17.1	1	9	310	1
850	1494	0	16.1	6.7	1	59	62	3	850	1489	0	22.6	14.3	3	24	2	1	850	1491	0	18.4	9.0	1	68	15	4
1009	* 33		28.4	8.5					910	* 891		31.8	31.7					1005	* 29		32.1	16.0				

UPPER AIR

JULY 2010

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - TURKEY ISPARTA 17240 JUL 2010 3745N 03033E OB 3									EUROPE - CYPRUS ATHALASSA 17607 JUL 2010 3509N 03324E OB 2									EUROPE - RUSSIAN FEDERATION (EUROPE) KANDALAKSHA 22217 JUL 2010 6709N 03221E OB								
030	24279	0	-51.6	29.5	6	99	96	11	030	24227	0	-53.1	32.6	9	99	96	15	030	24552	0	-45.4	18.2	0	74	106	3
050	21017	0	-58.6	27.7	6	96	102	9	050	20985	0	-60.8	30.2	2	96	103	11	050	21158	0	-47.1	16.6	0	34	201	1
100	16784	0	-67.9	18.4	3	93	222	17	100	16838	0	-72.2	19.0	2	86	216	12	100	16588	0	-48.6	13.5	0	94	259	9
150	14298	0	-57.3	21.8	2	96	234	27	150	14384	0	-59.1	25.1	2	93	234	20	150	13923	0	-48.5	10.8	0	94	260	15
200	12435	0	-46.0	24.6	1	96	237	30	200	12528	0	-46.0	31.3	2	94	237	23	200	12037	0	-51.1	7.2	0	92	260	22
300	9637	0	-29.4	26.9	1	95	241	25	300	9720	0	-27.0	35.5	9	26	241	22	300	9369	0	-41.1	6.0	0	90	259	26
500	5830	0	-6.8	24.6	0	78	246	8	500	5865	0	-3.9	39.2	1	86	245	10	500	5693	0	-14.2	9.1	0	91	256	18
700	3129	0	9.1	8.5	0	61	234	3	700	3136	0	11.0	24.3	1	64	260	4	700	3067	0	.8	8.1	0	88	253	13
850	1484	0	24.0	15.7	0	21	154	1	850	1486	0	21.3	15.8	1	64	334	3	850	1483	0	8.7	8.2	0	76	247	7
899	* 997		30.2	18.8					988	* 162		30.9	11.0					1011	* 25		15.9	4.4				
EUROPE - RUSSIAN FEDERATION (EUROPE) SHOJNA 22271 JUL 2010 6753N 04409E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) KEM' 22522 JUL 2010 6457N 03439E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 JUL 2010 6433N 04035E OB 3								
030	24571	0	-45.8	15.6	3	60	60	2	030	24558	0	-46.1	13.7	0	76	93	3	030	24512	0	-47.8	20.5	0	81	84	3
050	21182	0	-47.0	14.1	2	50	318	2	050	21179	0	-48.1	12.2	0	30	256	1	050	21154	0	-49.3	17.6	0	40	327	2
100	16601	0	-48.3	11.6	0	94	290	10	100	16636	0	-50.1	10.1	0	93	265	8	100	16637	0	-51.4	12.1	0	91	284	8
150	13930	0	-47.9	9.2	0	96	286	19	150	13990	0	-50.3	8.3	0	92	265	15	150	14002	0	-51.2	8.5	0	91	283	14
200	12042	0	-51.3	6.7	0	93	287	24	200	12124	0	-54.0	5.8	0	90	262	21	200	12146	0	-54.8	6.7	0	88	280	20
300	9365	0	-40.1	6.5	0	91	285	25	300	9453	0	-39.2	6.2	0	83	262	19	300	9474	0	-38.8	7.5	0	85	279	18
500	5681	0	-14.2	9.0	0	91	282	18	500	5749	0	-12.7	9.0	0	87	255	15	500	5768	0	-12.5	9.7	0	88	275	14
700	3056	0	.3	8.1	0	88	276	13	700	3106	0	2.7	8.1	0	86	252	11	700	3120	0	3.3	9.9	0	84	269	10
850	1475	0	8.0	5.4	0	82	276	9	850	1508	0	12.0	6.9	0	79	248	7	850	1519	0	12.0	7.3	0	78	264	7
1014	* 18		11.0	2.5					1014	* 8		18.2	5.3					1015	* 4		18.9	5.7				
EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 JUL 2010 5545N 03757E OB 0									EUROPE - RUSSIAN FEDERATION (EUROPE) SUHINICHI 27707 JUL 2010 5406N 03521E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) RYAZAN' 27730 JUL 2010 5438N 03942E OB								
030	24472	0	-49.1	13.9	2	94	95	6	030	24419	0	-50.3	19.0	6	95	98	6	030	24448	0	-50.4	18.5	1	94	97	6
050	21148	0	-52.0	13.1	1	77	83	3	050	21110	0	-53.1	16.2	3	83	102	3	050	21141	0	-53.2	16.3	1	72	85	3
100	16695	0	-53.6	10.9	0	67	255	4	100	16673	0	-54.2	12.9	3	61	244	3	100	16701	0	-54.6	13.0	1	60	269	4
150	14078	0	-52.1	9.2	0	40	239	3	150	14058	0	-51.8	10.0	2	52	217	4	150	14091	0	-52.1	10.2	0	48	244	4
200	12225	0	-54.0	6.9	0	24	176	3	200	12200	0	-54.2	7.8	2	37	151	4	200	12234	0	-54.1	8.4	0	11	205	1
300	9551	0	-37.9	8.7	0	31	148	4	300	9527	0	-38.0	8.9	2	54	138	6	300	9553	0	-38.3	10.2	0	27	127	3
500	5827	0	-10.3	12.7	0	38	157	3	500	5808	0	-10.4	13.6	0	64	140	6	500	5835	0	-10.9	14.9	0	42	128	4
700	3162	0	5.8	9.7	0	38	159	3	700	3145	0	5.7	9.9	0	69	134	5	700	3171	0	5.1	9.3	0	41	129	3
850	1548	0	16.8	9.2	0	47	136	3	850	1532	0	16.9	9.4	0	67	121	4	850	1551	0	16.9	10.4	0	51	114	3
995	* 200		24.7	10.6					988	* 238		24.2	9.9					997	* 158		26.0	12.9				

UPPER AIR

JULY 2010

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 - RUSSIAN FEDERATION (EUROPE) PENZA 27962 JUL 2010 5307N 04501E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) KURSK 34009 JUL 2010 5146N 03610E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) VORONEZ 34122 JUL 2010 5139N 03915E OB								
030	24428	0	-49.3	14.7	0	96	85	6	030	24454	0	-50.6	15.3	0	97	101	7	030	24383	0	-51.3	19.3	1	97	95	7
050	21114	0	-53.0	13.2	0	84	55	3	050	21157	0	-53.9	13.8	0	81	106	3	050	21094	0	-54.6	16.7	1	87	95	3
100	16687	0	-54.9	11.8	0	77	286	7	100	16734	0	-54.4	12.0	0	73	235	6	100	16691	0	-55.3	13.7	1	75	245	7
150	14079	0	-51.5	10.6	0	70	285	9	150	14116	0	-50.6	10.0	0	69	233	7	150	14083	0	-51.5	11.0	1	72	245	9
200	12215	0	-51.9	8.9	0	40	303	5	200	12244	0	-52.3	7.4	0	50	184	6	200	12215	0	-52.0	8.8	1	47	227	6
300	9531	0	-37.9	9.9	0	17	38	2	300	9551	0	-36.3	8.6	0	56	153	7	300	9526	0	-37.1	8.9	1	38	152	4
500	5813	0	-10.7	12.4	0	30	73	2	500	5810	0	-9.3	12.6	0	68	136	6	500	5798	0	-10.2	13.8	1	54	134	5
700	3151	0	6.1	11.5	0	40	77	3	700	3139	0	6.4	6.2	0	65	135	5	700	3137	0	5.8	9.2	0	62	129	5
850	1535	0	18.1	16.0	0	50	85	3	850	1520	0	18.5	11.7	0	75	124	6	850	1520	0	18.2	12.8	0	69	115	5
995	* 172		26.9	26.9					985	* 247		26.4	14.3					1001	* 104		27.2	14.5				
ASIA - RUSSIAN FEDERATION (ASIA) OSTROV DIKSON 20674 JUL 2010 7330N 08024E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) HATANGA 20891 JUL 2010 7159N 10220E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) TIKSI 21824 JUL 2010 7135N 12850E OB								
030	24585	0	-43.1	20.3	0	72	73	3	030	24572	0	-44.8	20.8	9	89	98	3	030	24602	0	-43.1	17.4	6	85	95	3
050	21152	0	-43.6	19.4	0	7	22	0	050	21149	0	-45.0	17.9	9	40	175	1	050	21181	0	-44.5	15.4	6	22	216	1
100	16492	0	-42.8	17.7	0	64	266	4	100	16523	0	-44.6	17.0	5	87	241	5	100	16580	0	-45.9	12.5	3	85	251	7
150	13752	0	-41.8	15.5	0	64	278	5	150	13795	0	-43.4	15.4	4	86	240	8	150	13885	0	-47.0	9.8	2	85	249	13
200	11803	0	-42.1	11.7	0	66	281	8	200	11864	0	-44.4	11.5	3	83	240	13	200	11996	0	-49.7	6.9	1	81	250	19
300	9095	0	-43.7	6.6	0	47	288	9	300	9159	0	-42.7	7.6	1	73	233	18	300	9305	0	-38.9	6.3	0	79	242	21
500	5491	0	-19.9	9.2	0	53	291	6	500	5528	0	-18.5	10.7	1	77	234	11	500	5615	0	-14.1	9.2	0	82	242	14
700	2924	0	-5.7	7.2	0	52	315	5	700	2941	0	-4.2	6.0	1	70	246	7	700	2995	0	.4	6.9	0	80	243	9
850	1382	0	.7	.3	0	45	330	4	850	1388	0	3.6	4.5	1	70	251	6	850	1418	0	9.0	6.3	0	58	240	5
1003	* 47		3.6	1.1					1002	* 33		12.9	5.2					1007	* 7		12.7	4.6				
ASIA - RUSSIAN FEDERATION (ASIA) NAR'JAN-MAR 23205 JUL 2010 6738N 05302E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) SALEHARD 23330 JUL 2010 6632N 06640E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) TURUHANSK 23472 JUL 2010 6547N 08756E OB 3								
030	24565	0	-46.0	25.3	0	70	59	3	030	24479	0	-45.6	16.8	0	83	63	4	030	24576	0	-45.2	18.7	8	87	81	4
050	21176	0	-47.3	22.3	0	68	356	2	050	21095	0	-46.8	15.9	0	63	25	2	050	21172	0	-45.9	18.2	8	46	96	2
100	16601	0	-47.9	18.3	0	93	310	10	100	16510	0	-46.8	13.8	0	87	328	7	100	16560	0	-45.2	15.9	7	51	253	3
150	13923	0	-47.1	15.8	0	93	305	16	150	13817	0	-45.7	11.6	0	89	322	11	150	13846	0	-44.0	14.1	7	55	248	5
200	12028	0	-50.3	11.1	0	92	305	23	200	11906	0	-46.9	8.6	0	88	323	16	200	11914	0	-44.4	10.8	7	51	243	7
300	9348	0	-40.3	8.6	0	89	303	26	300	9225	0	-42.7	6.5	0	81	317	18	300	9208	0	-42.3	6.7	7	41	238	10
500	5672	0	-14.9	11.9	0	89	300	17	500	5594	0	-17.0	10.0	0	84	318	13	500	5571	0	-17.2	9.2	7	44	253	7
700	3050	0	-.2	10.9	0	89	298	12	700	3004	0	-3.0	8.0	0	81	319	8	700	2972	0	-2.8	6.6	7	42	262	4
850	1475	0	6.6	6.0	0	82	292	8	850	1448	0	4.7	5.4	0	66	317	6	850	1410	0	5.0	2.9	7	38	267	3
1014	* 12		13.1	4.8					1011	* 16		13.2	12.5					1003	* 38		13.9	4.5				

UPPER AIR

JULY 2010

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
ASIA - RUSSIAN FEDERATION (ASIA) SYKTYVKAR 23804 JUL 2010 6140N 05051E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) IVDEL' 23921 JUL 2010 6041N 06027E OB									ASIA - RUSSIAN FEDERATION (ASIA) HANTY-MANSIJSK 23933 JUL 2010 6101N 06902E OB 3								
030	24548	0	-46.9	14.0	0	91	62	5	030	24500	0	-46.9	15.1	6	96	69	5	030	24477	0	-46.8	22.0	0	88	80	4
050	21184	0	-49.3	12.6	0	80	15	4	050	21134	0	-48.6	13.9	3	85	26	4	050	21107	0	-48.3	21.2	0	66	30	3
100	16663	0	-51.2	10.6	0	90	322	9	100	16597	0	-49.8	11.9	0	93	339	9	100	16553	0	-48.5	17.5	0	83	340	6
150	14026	0	-51.1	8.6	0	92	318	14	150	13946	0	-49.0	10.3	0	93	335	14	150	13880	0	-47.4	13.4	0	88	337	10
200	12168	0	-54.0	6.4	0	88	320	17	200	12068	0	-51.9	7.6	0	91	336	19	200	11977	0	-48.6	9.4	0	85	337	14
300	9489	0	-38.2	7.8	0	86	320	16	300	9394	0	-40.2	7.8	0	84	337	19	300	9303	0	-43.1	7.4	0	74	340	16
500	5779	0	-12.3	9.9	0	86	315	12	500	5713	0	-13.9	9.9	0	88	335	14	500	5659	0	-16.2	10.5	0	79	337	12
700	3130	0	3.0	9.6	0	83	312	9	700	3084	0	1.2	3	0	88	333	10	700	3049	0	-1.2	8.1	0	83	337	9
850	1531	0	12.1	8.6	0	75	306	6	850	1500	0	9.9	7.6	0	84	329	7	850	1478	0	6.9	4.5	0	76	337	7
1004	* 116		19.6	8.0					1004	* 95		18.1	8.6					1006	* 46		15.9	5.2				
ASIA - RUSSIAN FEDERATION (ASIA) OLENEK 24125 JUL 2010 6830N 11220E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) VERHOJANSK 24266 JUL 2010 6734N 13320E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) ZHIGANSK 24343 JUL 2010 6646N 12320E OB								
030	24539	0	-44.9	19.0	0	89	98	5	030	24557	0	-46.2	21.8	5	94	91	4	030	24527	0	-46.0	20.0	2	93	100	5
050	21138	0	-46.2	18.6	0	61	126	2	050	21173	0	-47.2	20.1	6	39	78	1	050	21147	0	-47.2	18.0	1	44	125	2
100	16541	0	-46.9	16.6	0	74	223	5	100	16601	0	-49.1	13.8	3	64	251	4	100	16579	0	-48.5	14.0	1	78	233	5
150	13853	0	-46.8	13.4	0	84	228	10	150	13941	0	-49.7	10.2	0	69	243	8	150	13910	0	-48.1	10.6	1	71	231	8
200	11951	0	-48.7	9.6	0	77	226	14	200	12079	0	-52.9	7.5	0	51	236	9	200	12029	0	-51.9	8.0	1	57	219	12
300	9273	0	-40.9	7.6	0	73	224	16	300	9400	0	-38.7	7.4	0	50	235	10	300	9354	0	-39.5	8.2	0	49	208	10
500	5603	0	-14.8	10.9	0	74	228	11	500	5698	0	-12.1	12.6	0	61	235	7	500	5664	0	-12.8	11.9	0	65	216	8
700	2989	0	-6	6.9	0	69	230	6	700	3049	0	3.5	8.6	0	65	228	6	700	3024	0	1.9	9.2	0	58	209	5
850	1412	0	9.2	7.1	0	50	232	4	850	1446	0	14.1	10.3	0	48	217	3	850	1431	0	11.9	8.6	0	33	214	2
981	* 220		16.7	7.2					991	* 138		21.5	10.2					997	* 92		19.6	7.4				
ASIA - RUSSIAN FEDERATION (ASIA) TURA 24507 JUL 2010 6416N 10010E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) VANAVARA 24908 JUL 2010 6020N 10210E OB									ASIA - RUSSIAN FEDERATION (ASIA) JAKUTSK 24959 JUL 2010 6201N 12940E OB 0								
030	24507	0	-46.5	23.7	0	89	93	5	030	24530	0	-46.4	14.4	0	93	105	5	030	24503	0	-47.7	22.6	1	95	93	6
050	21128	0	-47.6	22.5	0	51	128	2	050	21169	0	-48.5	13.5	0	44	120	1	050	21144	0	-49.1	20.9	1	80	87	3
100	16551	0	-47.4	18.8	0	78	224	5	100	16608	0	-48.4	11.6	0	80	245	6	100	16612	0	-50.5	15.6	0	29	240	1
150	13865	0	-46.9	14.5	0	83	224	9	150	13939	0	-48.1	9.7	0	85	243	9	150	13964	0	-49.6	11.3	0	36	227	3
200	11969	0	-49.8	10.2	0	75	220	13	200	12053	0	-50.6	7.7	0	70	236	12	200	12093	0	-52.9	8.9	0	29	168	4
300	9284	0	-40.8	8.0	0	64	226	14	300	9370	0	-39.2	7.9	0	62	240	11	300	9416	0	-39.2	10.1	0	41	163	7
500	5616	0	-15.2	11.8	0	70	235	9	500	5670	0	-12.8	10.4	0	68	252	8	500	5712	0	-12.1	16.3	0	43	164	5
700	3002	0	-1.1	5.7	0	61	235	5	700	3027	0	1.6	5.1	0	56	263	5	700	3061	0	3.7	3.1	0	54	172	5
850	1424	0	9.0	6.5	0	30	247	2	850	1433	0	11.6	5.9	0	28	258	2	850	1455	0	13.8	8.2	0	45	155	3
985	* 168		16.6	15.8					976	* 260		18.3	7.4					995	* 101		22.9	9.6				

UPPER AIR

JULY 2010

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
ASIA - RUSSIAN FEDERATION (ASIA) ZYRYANKA 25400 JUL 2010 6544N 15050E OB									ASIA - RUSSIAN FEDERATION (ASIA) SEJMCHAN 25703 JUL 2010 6255N 15220E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) MAGADAN 25913 JUL 2010 5933N 15040E OB									
030	24528	0	-45.7	18.0	2	93	84	4	030	24467	0	-46.9	15.5	0	93	87	5	030	24456	0	-47.7	15.5	0	96	90	6	
050	21146	0	-47.3	15.3	2	82	60	3	050	21104	0	-49.1	13.6	0	88	62	4	050	21102	0	-49.8	14.0	0	85	74	4	
100	16598	0	-50.0	11.9	2	54	299	3	100	16575	0	-51.4	10.7	0	47	356	2	100	16591	0	-51.6	11.7	0	40	13	2	
150	13959	0	-51.2	9.4	1	53	281	5	150	13944	0	-51.6	8.2	0	28	333	2	150	13957	0	-50.7	9.7	0	5	180		
200	12114	0	-54.5	7.2	2	38	276	7	200	12097	0	-55.0	6.1	0	5	50	1	200	12096	0	-53.0	7.3	0	24	118	3	
300	9434	0	-38.0	8.6	0	21	270	3	300	9429	0	-39.7	7.1	0	16	112	2	300	9413	0	-39.2	7.5	0	41	121	6	
500	5719	0	-11.1	12.4	0	30	244	3	500	5727	0	-12.0	13.1	0	15	136	1	500	5716	0	-12.7	10.7	0	49	119	4	
700	3064	0	5.0	9.8	0	33	260	2	700	3077	0	3.5	10.2	0	16	178	1	700	3073	0	2.2	7.8	0	33	113	2	
850	1456	0	15.5	11.3	0	17	224	1	850	1470	0	14.1	9.4	0	13	207	1	850	1480	0	10.6	10.2	0	7	146		
1003	* 43		21.4	9.5					985	* 205		21.4	8.9						1000	* 116		14.0	2.7				
ASIA - RUSSIAN FEDERATION (ASIA) VERHNEE DUBROVO 28445 JUL 2010 5644N 06104E OB 0									ASIA - RUSSIAN FEDERATION (ASIA) OMSK 28698 JUL 2010 5456N 07324E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) KOLPASEVO 29231 JUL 2010 5819N 08257E OB 3									
030	24459	0	-47.6	14.0	1	92	71	5	030	24393	0	-48.7	23.4	4	96	72	6	030	24511	0	-46.3	15.7	1	96	88	6	
050	21108	0	-49.9	12.8	1	86	26	4	050	21050	0	-49.7	21.6	4	63	48	2	050	21136	0	-48.0	15.1	0	36	105	1	
100	16598	0	-50.8	10.8	0	89	337	9	100	16525	0	-49.2	18.8	3	72	310	5	100	16560	0	-47.1	13.8	0	65	242	4	
150	13954	0	-49.8	9.2	0	90	338	13	150	13856	0	-47.1	15.2	2	72	309	6	150	13874	0	-45.9	12.3	0	63	246	5	
200	12080	0	-51.9	7.1	0	84	340	16	200	11952	0	-47.6	11.0	2	60	325	7	200	11956	0	-46.3	9.5	0	60	245	7	
300	9418	0	-40.3	7.4	0	74	340	15	300	9273	0	-42.8	8.9	0	51	341	9	300	9264	0	-43.0	6.8	0	46	236	8	
500	5730	0	-12.8	10.5	0	84	342	12	500	5633	0	-15.8	12.2	0	57	329	7	500	5625	0	-15.8	10.3	0	57	256	6	
700	3094	0	2.2	9.0	0	83	343	8	700	3027	0	-8	6.9	0	61	336	5	700	3012	0	-7	7.2	0	54	272	5	
850	1505	0	11.6	6.9	0	73	355	5	850	1457	0	8.6	5.1	0	63	336	4	850	1437	0	7.6	7.3	0	48	285	4	
982	* 290		18.6	8.0					1000	* 90		17.9	8.2					1000	* 75		15.7	3.9					
ASIA - RUSSIAN FEDERATION (ASIA) EMEL'JANOVO 29572 JUL 2010 5611N 09237E OB 0									ASIA - RUSSIAN FEDERATION (ASIA) NOVOSIBIRSK 29634 JUL 2010 5505N 08254E OB									ASIA - RUSSIAN FEDERATION (ASIA) HAKASSKAJA 29862 JUL 2010 5346N 09119E OB									
030	24441	0	-48.6	21.9	2	95	90	6	030	24468	0	-47.8	24.3	0	94	88	5	030	24417	0	-49.1	21.5	0	97	270	6	
050	21099	0	-50.4	20.3	2	41	130	2	050	21113	0	-49.4	23.0	0	41	112	1	050	21085	0	-51.3	19.5	0	48	114	2	
100	16573	0	-49.4	16.9	1	83	240	8	100	16570	0	-48.8	19.4	0	90	244	7	100	16583	0	-50.6	16.8	0	89	245	9	
150	13913	0	-48.1	13.0	1	86	238	12	150	13899	0	-47.0	14.9	0	89	243	10	150	13938	0	-49.0	13.4	0	91	245	15	
200	12021	0	-50.1	9.0	1	77	237	15	200	11990	0	-47.5	10.3	0	79	239	11	200	12047	0	-49.1	9.8	0	87	241	18	
300	9346	0	-41.2	7.5	1	64	232	14	300	9304	0	-42.1	8.3	0	54	241	10	300	9364	0	-40.9	8.3	0	70	233	14	
500	5666	0	-13.9	9.6	0	73	237	9	500	5647	0	-15.4	11.9	0	61	247	6	500	5684	0	-13.6	9.6	0	78	240	10	
700	3034	0	1.4	5.0	0	72	240	6	700	3030	0	.1	7.9	0	46	273	3	700	3046	0	2.3	5.4	0	85	247	7	
850	1443	0	10.8	5.1	0	50	256	3	850	1449	0	9.2	5.1	0	33	296	2	850	1447	0	12.3	6.0	0	44	266	2	
984	* 206		17.5	4.8					992	* 176		17.7	5.4					978	* 256		19.2	6.6					

UPPER AIR

JULY 2010

LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
ASIA - RUSSIAN FEDERATION (ASIA) KIRENSK 30230 JUL 2010 5746N 10800E OB 0									ASIA - RUSSIAN FEDERATION (ASIA) CHARA 30372 JUL 2010 5654N 11810E OB									ASIA - RUSSIAN FEDERATION (ASIA) CHITA 30758 JUL 2010 5205N 11320E OB 0								
030	24521	0	-47.7	14.7	1	97	94	6	030	24445	0	-48.6	21.5	3	98	89	6	030	24394	0	-50.0	16.0	9	97	89	6
050	21168	0	-49.5	13.6	1	57	115	2	050	21103	0	-50.5	19.9	2	84	87	4	050	21088	0	-52.5	14.9	9	76	86	3
100	16637	0	-49.6	12.0	0	79	253	6	100	16605	0	-51.3	16.3	0	61	274	3	100	16630	0	-52.9	11.8	3	86	279	6
150	13978	0	-48.8	10.1	0	86	259	9	150	13960	0	-49.6	13.1	0	70	278	6	150	14005	0	-51.5	9.1	3	87	284	11
200	12098	0	-51.5	7.7	0	80	259	12	200	12080	0	-51.1	9.9	0	63	287	8	200	12155	0	-52.4	8.0	1	78	287	13
300	9408	0	-38.4	7.9	0	63	262	10	300	9392	0	-39.0	9.1	0	46	303	7	300	9454	0	-36.6	7.8	0	68	291	11
500	5699	0	-11.9	9.9	0	60	262	6	500	5688	0	-12.0	12.7	0	40	312	4	500	5727	0	-10.5	10.5	0	59	308	6
700	3049	0	3.0	6.1	0	54	260	4	700	3037	0	3.3	4.5	0	39	331	2	700	3062	0	5.4	6.3	0	42	313	3
850	1445	0	13.0	6.5	0	32	276	2	850	1428	0	14.7	8.8	0	16	24	1	850	1442	0	17.2	10.0	0	28	304	2
977	* 259		18.8	5.1					925	* 711		18.0	7.6					930	* 671		20.6	8.2				
ASIA - RUSSIAN FEDERATION (ASIA) ALDAN 31004 JUL 2010 5837N 12520E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) OHOTSK 31088 JUL 2010 5922N 14310E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) AYAN 31168 JUL 2010 5627N 13800E OB								
030	24437	0	-48.3	14.1	1	97	86	7	030	24447	0	-48.4	21.8	3	91	86	6	030	24444	0	-48.7	15.6	0	94	87	7
050	21100	0	-50.2	12.9	1	83	83	3	050	21100	0	-50.0	17.9	0	73	83	3	050	21102	0	-50.8	13.5	0	85	82	4
100	16596	0	-51.0	11.7	0	34	259	2	100	16597	0	-51.3	13.3	0	14	343	1	100	16607	0	-52.2	10.8	0	13	305	1
150	13952	0	-49.2	10.6	0	42	249	3	150	13957	0	-49.7	10.6	0	5	335		150	13971	0	-49.9	8.6	0	26	283	2
200	12069	0	-50.6	8.5	0	34	227	4	200	12084	0	-51.5	9.0	0	16	104	3	200	12098	0	-52.7	6.2	0	8	218	1
300	9382	0	-38.5	8.2	0	36	189	4	300	9392	0	-38.1	9.5	0	25	103	4	300	9413	0	-38.3	6.2	0	9	253	1
500	5678	0	-12.0	9.9	0	24	194	2	500	5695	0	-12.5	12.1	0	39	91	4	500	5699	0	-12.3	9.1	0	31	69	2
700	3034	0	3.2	6.8	0	15	162	1	700	3054	0	2.6	10.4	0	48	97	3	700	3053	0	2.4	6.3	0	56	82	4
850	1437	0	13.2	7.1	0	10	146	1	850	1467	0	10.3	8.0	0	40	134	2	850	1463	0	8.8	3.1	0	61	94	4
930	* 679		18.0	5.4					1013	* 6		15.1	2.5					1012	* 8		13.2	1.5				
ASIA - RUSSIAN FEDERATION (ASIA) BLAGOVESCHENSK 31510 JUL 2010 5032N 12730E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) HABAROVSK 31736 JUL 2010 4832N 13510E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) VLADIVOSTOK (SAD GOROD) 31977 JUL 2010 4316N 13200E OB 3								
030	24345	0	-48.7	19.1	9	98	86	9	030	24370	0	-49.1	13.5	3	96	90	8	030	24373	0	-53.1	16.5	7	92	86	8
050	21025	0	-52.8	16.1	9	93	68	5	050	21051	0	-53.1	12.0	1	94	86	5	050	21121	0	-57.0	13.8	0	70	64	4
100	16596	0	-55.0	13.7	9	80	332	9	100	16617	0	-55.4	10.1	1	75	273	5	100	16786	0	-59.3	10.5	0	83	281	11
150	13988	0	-51.3	13.0	9	84	315	14	150	14015	0	-52.1	9.2	1	86	269	13	150	14220	0	-53.5	8.6	0	85	279	19
200	12106	0	-47.0	11.7	9	80	310	18	200	12145	0	-51.2	7.2	1	83	272	18	200	12345	0	-48.5	6.6	0	83	276	21
300	9369	0	-35.2	8.8	9	65	325	12	300	9448	0	-36.9	7.4	0	72	272	12	300	9589	0	-31.6	6.6	0	77	267	14
500	5646	0	-10.7	10.7	9	51	321	5	500	5715	0	-10.5	8.5	0	65	269	6	500	5789	0	-7.0	8.6	0	78	268	9
700	2989	0	4.3	4.1	9	33	324	2	700	3051	0	4.3	5.1	0	41	260	3	700	3091	0	7.4	4.2	0	67	259	5
850	1389	0	13.5	3.3	9	40	300	3	850	1442	0	13.0	2.6	0	8	242	1	850	1465	0	15.3	2.7	0	58	234	4
981	* 177		20.8	3.1					998	* 72		20.6	3.1					998	* 82		19.8	1.7				

UPPER AIR

JULY 2010

LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
ASIA - RUSSIAN FEDERATION (ASIA) ALEKSANDROVSK-SAHALINSKIJ 32061 JUL 2010 5054N 14210E OB									ASIA - RUSSIAN FEDERATION (ASIA) JUZHNO-SAHALINSK 32150 JUL 2010 4657N 14240E OB 1									ASIA - RUSSIAN FEDERATION (ASIA) KLJUCHI 32389 JUL 2010 5619N 16050E OB									
030	24399	0	-49.8	14.5	2	98	87	8	030	24299	0	-51.2	16.3	3	98	90	8	030	24401	0	-48.4	19.8	1	95	81	6	
050	21080	0	-52.6	12.6	0	87	84	4	050	21012	0	-54.8	13.6	3	82	86	4	050	21060	0	-50.2	17.4	0	90	68	4	
100	16632	0	-54.4	10.6	0	62	271	4	100	16628	0	-57.0	10.9	2	78	268	8	100	16568	0	-52.2	12.9	0	71	344	5	
150	14015	0	-51.1	9.0	0	74	266	9	150	14044	0	-53.5	8.9	2	86	263	16	150	13940	0	-51.3	10.0	0	58	333	6	
200	12143	0	-51.8	6.3	0	70	261	12	200	12191	0	-51.0	6.7	0	83	260	22	200	12082	0	-54.0	8.0	0	34	348	6	
300	9441	0	-36.4	6.3	0	48	267	6	300	9477	0	-33.9	7.2	0	81	262	16	300	9410	0	-38.8	8.8	0	32	32	5	
500	5700	0	-10.7	7.4	0	34	275	3	500	5712	0	-8.8	8.1	0	76	266	9	500	5712	0	-12.7	13.1	0	37	76	3	
700	3042	0	3.3	3.6	0	21	293	2	700	3042	0	5.2	4.1	0	63	268	5	700	3076	0	2.1	10.8	0	29	107	2	
850	1444	0	10.1	2.6	0	8	169	1	850	1441	0	12.1	12.1	0	39	266	3	850	1487	0	10.9	7.7	0	19	123	1	
1006	* 31		15.1	1.7					1007	* 24		16.4	1.8														
ASIA - RUSSIAN FEDERATION (ASIA) PETROPAVLOVSK-KAMCHATSKIJ 32540 JUL 2010 5305N 15830E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) ORENBURG 35121 JUL 2010 5141N 05506E OB 3									ASIA - IRAN, ISLAMIC REPUBLIC OF MASHHAD 40745 JUL 2010 3616N 05938E OB 3									
030	24401	0	-49.2	16.8	2	97	85	7	030	24461	0	-48.7	16.8	0	94	73	6	030	24221	0	-54.1	32.4	1	98	87	14	
050	21069	0	-51.6	14.5	0	88	73	5	050	21136	0	-52.4	15.1	0	81	36	4	050	20999	0	-61.4	29.1	1	95	82	9	
100	16595	0	-53.7	12.1	0	70	323	5	100	16683	0	-53.8	13.2	0	94	317	10	100	16848	0	-71.5	17.8	0	89	298	14	
150	13979	0	-51.9	10.7	0	69	302	8	150	14066	0	-51.0	11.9	0	91	315	14	150	14382	0	-58.0	25.7	0	93	293	20	
200	12120	0	-53.0	8.7	0	57	292	10	200	12189	0	-51.1	9.7	0	77	323	12	200	12520	0	-45.7	30.2	0	92	295	22	
300	9433	0	-38.0	10.0	0	33	297	6	300	9509	0	-39.4	10.2	0	68	341	8	300	9707	0	-26.8	35.4	0	94	299	21	
500	5719	0	-12.2	13.3	0	13	254	1	500	5801	0	-11.2	14.2	0	72	346	7	500	5835	0	-4.9	25.9	0	86	320	12	
700	3074	0	1.9	7.8	0	39	125	3	700	3139	0	5.2	10.9	0	70	352	6	700	3135	0	11.7	18.9	0	62	33	4	
850	1485	0	9.8	9.5	0	38	100	3	850	1521	0	16.6	13.4	0	50	25	3	850	1480	0	23.6	23.5	0	58	51	3	
1005	* 84		13.1	3.0					999	* 117		25.9	17.6														
ASIA - IRAN, ISLAMIC REPUBLIC OF TEHRAN-MEHRABAD 40754 JUL 2010 3541N 05119E OB 3									ASIA - IRAN, ISLAMIC REPUBLIC OF KERMAN 40841 JUL 2010 3015N 05658E OB 3									ASIA - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT 41217 JUL 2010 2426N 05439E OB 3									
030	24223	0	-53.6	32.6	0	98	88	15	030	24169	0	-54.4	31.9	4	97	94	18	030	24050	0	-55.8	31.1	5	98	90	24	
050	20997	0	-61.7	29.8	0	96	87	11	050	20957	0	-62.7	28.8	2	98	90	15	050	20857	0	-63.7	25.6	0	98	90	22	
100	16875	0	-72.6	16.8	0	64	300	7	100	16877	0	-75.5	14.0	2	79	60	9	100	16812	0	-78.0	9.0	0	96	84	23	
150	14424	0	-58.8	24.5	0	84	294	15	150	14458	0	-60.0	21.3	1	60	20	5	150	14412	0	-62.1	13.5	0	94	91	16	
200	12566	0	-45.8	29.9	0	87	291	16	200	12606	0	-46.3	26.3	1	42	334	3	200	12573	0	-47.5	17.4	0	93	89	12	
300	9755	0	-26.7	33.9	0	90	288	15	300	9792	0	-25.8	35.4	0	71	326	5	300	9767	0	-26.2	22.4	0	91	78	9	
500	5895	0	-5.3	16.7	0	72	255	8	500	5915	0	-3.2	20.4	0	54	299	4	500	5892	0	-4.8	8.8	0	81	59	9	
700	3146	0	16.6	19.2	0	64	158	4	700	3140	0	20.8	20.1	0	81	11	4	700	3134	0	18.3	22.0	0	38	47	2	
850	1453	0	31.3	28.6	0	45	161	2	819	*1754		36.6	34.2														
875	*1204		32.5	32.1																							

UPPER AIR

JULY 2010

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 - PAKISTAN KARACHI AIRPORT 41780 JUL 2010 2454N 06708E OB 1									ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 JUL 2010 2835N 07712E OB 3									ASIA - INDIA JODHPUR 42339 JUL 2010 2618N 07301E OB 3								
030									030	24116	0	-54.3	22.4	0	98	172	19	030	24557	0	-43.8	19.6	9	92	78	20
050									050	20880	0	-63.5	28.3	0	99	278	16	050	21218	0	-50.3	17.1	9	93	82	18
100	16760	0	-78.3	8.7	4	96	90	18	100	16949	0	-77.4	8.2	0	89	254	10	100	16816	0	-69.0	10.9	7	87	77	13
150	14318	0	-63.5	12.1	4	93	98	14	150	14443	0	-61.5	9.2	0	49	107	6	150	14372	0	-61.9	15.8	4	78	111	10
200	12507	0	-47.7	17.2	4	87	95	10	200	12596	0	-45.9	11.0	0	52	153	6	200	12578	0	-46.9	14.3	4	74	103	8
300	9707	0	-25.5	11.1	4	70	82	6	300	9765	0	-23.9	14.0	0	38	172	3	300	9735	0	-23.9	17.3	3	55	98	5
500	5813	0	-2.1	11.9	2	71	63	6	500	5856	0	-1.0	7.4	0	12	244	1	500	5821	0	-1.1	13.5	3	33	115	2
700	3058	0	14.6	14.1	2	54	59	5	700	3095	0	13.7	5.1	0	14	339	1	700	3063	0	13.4	11.1	2	45	89	3
850	1395	0	22.4	7.6	1	24	257	2	850	1428	0	22.8	3.9	0	16	128	1	850	1412	0	22.6	6.2	2	37	215	2
995	* 22		28.2	5.0					968	* 216		30.0	24.9					973	* 224		28.8	8.2				
ASIA - INDIA LUCKNOW/AMAUSI 42369 JUL 2010 2645N 08053E OB 3									ASIA - INDIA GUWAHATI 42410 JUL 2010 2606N 09135E OB 3									ASIA - INDIA PATNA 42492 JUL 2010 2536N 08506E OB 3								
030	24550	0	-41.3	18.8	9	92	88	19	030									030	24062	0	-56.6		9	10	88	26
050	21052	0		14.6	6	69	89	12	050									050	20869	0	-63.1		9	10	87	21
100	16712	0	-72.7	9.6	2	85	88	14	100									100	16794	0	-78.2		8	79	87	16
150	14323	0	-65.3	10.2	1	85	95	13	150									150	14374	0	-64.6	6.4	6	83	87	17
200	12496	0	-50.4	11.4	0	73	104	9	200									200	12551	0	-47.6	6.5	5	88	85	14
300	9752	0	-25.6	11.5	0	56	119	5	300	9690	0	-25.9	11.2	9	70	108	7	300	9747	0	-24.8	6.8	5	83	100	7
500	5813	0	-1.2	7.1	0	37	144	3	500	5824	0	-2.2	14.7	5	70	152	4	500	5834	0	-1.3	4.1	5	57	124	4
700	3062	0	13.1	4.6	0	23	93	2	700	3098	0	12.1	3.3	4	72	217	6	700	3075	0	12.6	2.8	4	44	143	3
850	1412	0	21.4	2.3	0	42	120	4	850	1436	0	19.5	2.0	4	55	232	4	850	1423	0	21.5	20.7	3	57	138	4
985	* 128		30.2	3.9					997	* 54		27.1	26.5					994	* 60		30.0	3.6				
ASIA - INDIA AHMADABAD 42647 JUL 2010 2304N 07238E OB 3									ASIA - INDIA CALCUTTA/DUM DUM 42809 JUL 2010 2239N 08827E OB 3									ASIA - INDIA BOMBAY / SANTACRUZ 43003 JUL 2010 1907N 07251E OB 3								
030									030									030								
050									050									050								
100	16594	0	-72.6						100	16656	0	-75.6	9.3	8	99	88	23	100								
150	14227	0	-66.7	4.3	9	95	88	16	150	14304	0	-65.9	10.0	2	94	88	21	150								
200	12416	0	-51.7	2.4	8	97	98	13	200	12489	0	-50.2	9.6	2	97	89	17	200								
300	9650	0	-28.4	10.6	8	92	97	8	300	9694	0	-27.7	9.9	1	97	97	12	300	9635	0	-28.5	15.5	8	85	88	7
500	5788	0	-3.2	5.9	8	69	94	4	500	5816	0	-2.2	4.7	1	83	138	5	500	5777	0	-3.0	6.2	5	33	221	2
700	3054	0	11.7	4.3	8	14	150	1	700	3071	0	12.4	12.4	0	74	171	5	700	3043	0	9.9	4.0	2	79	256	7
850	1414	0	18.5	1.6	8	62	244	3	850	1426	0	19.8	19.0	0	77	179	6	850	1414	0	17.6	2.1	1	92	253	10
994	* 55		29.5	3.0					1000	* 6		28.8	2.9					1000	* 14		27.5	2.3				

UPPER AIR

JULY 2010

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 2010 1727N 07828E OB 3									ASIA - INDIA GOA/PANJIM 43192 JUL 2010 1529N 07349E OB 3									ASIA - INDIA KOCHIN/WILLINGDON 43353 JUL 2010 0957N 07616E OB 3								
030									030									030								
050	20749	0	-64.1	11.8	2	99	81	23	050									050								
100	16666	0	-80.7	6.1	6	99	89	38	100	16594	0	-79.7	7.6	5	99	91	40	100								
150	14250	0	-66.2	5.3	5	98	86	29	150	14250	0	-66.6	6.4	4	97	91	31	150	14121	0	-71.1					
200	12460	0	-50.6	4.9	5	96	90	19	200	12452	0	-51.7	5.9	4	91	90	20	200	12354	0	-55.1					
300	9689	0	-27.4	4.6	5	91	90	11	300	9694	0	-28.2	3.3	4	76	91	7	300	9629	0	-31.6	9.5				
500	5803	0	-3.4	2.3	4	13	153	1	500	5823	0	-3.7	1.7	4	42	253	3	500	5812	0	-5.5	4.4				
700	3071	0	11.2	3.1	4	89	285	9	700	3096	0	10.2	3.9	3	91	263	10	700	3102	0	9.1	4.4				
850	1431	0	19.3	2.8	4	97	291	11	850	1459	0	18.0	2.1	3	94	270	10	850	1472	0	17.3	2.9				
943	* 545		26.1	4.2					1000	* 60		25.3	1.1					1008	* 3		20.7	2.9				
ASIA - INDIA THIRUVANANTHAPURAM 43371 JUL 2010 0829N 07657E OB 3									ASIA - JAPAN WAKKANAI 47401 JUL 2010 4525N 14140E OB 2									ASIA - JAPAN SAPPORO 47412 JUL 2010 4304N 14120E OB 2								
030									030	24342	0	-50.3		3	97	84	9	030	24314	0	-50.8		4	96	79	9
050	20679	0	-64.9		9		91	29	050	21043	0	-54.5		1	89	77	5	050	21028	0	-55.8		2	88	71	6
100	16578	0	-77.9	6.7	3	98	89	31	100	16664	0	-58.5		0	71	276	7	100	16681	0	-60.8		1	68	288	7
150	14228	0	-68.5	5.6	3	98	83	32	150	14099	0	-55.3		0	87	271	18	150	14147	0	-57.9		0	85	269	20
200	12348	0	-53.3	4.5	3	91	83	22	200	12251	0	-51.4		0	82	262	25	200	12311	0	-51.6		0	82	258	26
300	9674	0	-30.3	4.3	3	70	81	8	300	9532	0	-34.4	9.0	0	83	263	17	300	9577	0	-33.1	10.2	0	84	260	19
500	5837	0	-4.8	3.3	2	37	281	2	500	5761	0	-8.6	10.9	0	79	268	9	500	5791	0	-7.8	12.0	0	86	260	11
700	3108	0	10.0	3.8	2	85	279	11	700	3077	0	6.2	6.1	0	77	265	7	700	3098	0	7.0	6.2	0	80	266	8
850	1474	0	17.6	1.7	2	95	295	14	850	1458	0	14.4	3.7	0	70	256	6	850	1473	0	14.8	2.0	0	67	249	5
1001	* 64		26.1	2.4					1008	* 12		17.8	1.3					1007	* 26		21.6	3.4				
ASIA - JAPAN AKITA 47582 JUL 2010 3943N 14000E OB 2									ASIA - JAPAN WAJIMA 47600 JUL 2010 3724N 13650E OB 2									ASIA - JAPAN TATENO 47646 JUL 2010 3603N 14000E OB 2								
030	24283	0	-51.5		8	98	86	10	030	24257	0	-52.5		8	98	83	12	030	24245	0	-52.7		6	99	83	14
050	21012	0	-56.9		6	93	80	7	050	20998	0	-58.1		6	95	82	9	050	20985	0	-58.2		4	97	84	9
100	16707	0	-63.8		1	54	299	5	100	16722	0	-66.0		1	53	302	5	100	16725	0	-67.7		2	38	335	4
150	14216	0	-60.8		0	82	270	20	150	14255	0	-62.5		0	70	276	15	150	14277	0	-64.0		0	65	285	13
200	12391	0	-51.3		0	81	260	23	200	12438	0	-51.2		0	76	264	19	200	12469	0	-52.0		0	68	277	15
300	9644	0	-31.6	9.9	0	83	252	19	300	9681	0	-30.4	14.0	0	83	259	16	300	9712	0	-30.0	11.2	0	74	271	13
500	5835	0	-6.4	11.2	0	89	259	12	500	5855	0	-5.4	14.4	0	92	257	11	500	5880	0	-5.0	12.0	0	84	250	10
700	3127	0	8.2	6.5	0	89	258	11	700	3140	0	9.2	5.8	0	93	245	9	700	3159	0	9.8	5.6	0	85	244	7
850	1496	0	16.4	2.7	0	83	235	7	850	1501	0	17.9	17.6	0	91	239	9	850	1513	0	19.3	5.1	0	71	220	5
1009	* 7		24.6	3.4					1009	* 15		24.6	3.1					1008	* 31		25.6	3.5				

UPPER AIR

JULY 2010

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 HACHIJOJIMA 47678 JUL 2010 3307N 13940E OB 2									ASIA - JAPAN SHIONOMISAKI 47778 JUL 2010 3327N 13540E OB 2									ASIA - JAPAN FUKUOKA 47807 JUL 2010 3335N 13020E OB 2										
030	24190	0	-53.5		2	99	85	15	030	24212	0	-53.3							030	24215	0	-53.3			4	99	84	15
050	20947	0	-59.3		2	97	81	11	050	20966	0	-59.4			9	98	83	12	050	20974	0	-59.7			2	97	77	12
100	16715	0	-69.2		0	61	40	5	100	16734	0	-68.8			6	63	21	6	100	16752	0	-69.4			0	50	4	6
150	14291	0	-65.3		0	50	335	8	150	14304	0	-64.7			0	48	304	9	150	14313	0	-63.5			0	52	285	10
200	12489	0	-52.1		0	45	309	7	200	12497	0	-51.6			0	54	280	10	200	12499	0	-51.2			0	59	275	12
300	9734	0	-29.9	8.6	0	50	280	6	300	9736	0	-29.3	11.2		0	59	264	8	300	9733	0	-29.0	12.0		0	66	264	10
500	5896	0	-4.7	11.6	0	64	245	6	500	5894	0	-4.2	14.4		0	76	247	7	500	5883	0	-4.1	12.3		0	65	246	6
700	3173	0	9.9	9.7	0	85	236	8	700	3166	0	10.7	11.0		0	84	239	8	700	3153	0	10.4	8.5		0	81	241	8
850	1530	0	18.8	7.0	0	91	238	9	850	1520	0	19.0	5.5		0	83	237	7	850	1509	0	18.6	3.2		0	89	223	8
996	* 156		24.8	1.0					1003	* 76		25.3	2.1						1008	* 15		27.3	4.9					
ASIA - JAPAN KAGOSHIMA 47827 JUL 2010 3133N 13030E OB 2									ASIA - JAPAN NAZE/FUNCHATOGE 47909 JUL 2010 2824N 12930E OB 2									ASIA - JAPAN ISHIGAKIJIMA 47918 JUL 2010 2420N 12410E OB 2										
030	24179	0	-53.5		6	99	84	18	030	24121	0	-55.0							030	24054	0	-55.3						
050	20944	0	-60.2		4	99	80	13	050	20901	0	-61.6							050	20842	0	-62.4			9	99	85	21
100	16738	0	-71.0		1	55	33	6	100	16720	0	-72.1			7	86	56	10	100	16708	0	-75.2			2	97	61	15
150	14319	0	-65.1		0	35	301	6	150	14324	0	-65.6			1	41	12	6	150	14324	0	-65.8			0	67	37	10
200	12511	0	-51.3		0	37	279	6	200	12518	0	-51.3			1	28	333	4	200	12517	0	-50.9			0	53	34	7
300	9744	0	-28.9	10.8	0	37	254	5	300	9750	0	-28.6	11.8		1	4	322	1	300	9744	0	-28.5	9.2		0	44	28	4
500	5891	0	-4.1	11.3	0	66	235	6	500	5899	0	-4.5	8.4		1	35	213	3	500	5895	0	-4.4	6.8		0	28	210	2
700	3160	0	10.8	10.6	0	77	234	8	700	3172	0	10.7	10.3		1	56	215	5	700	3163	0	11.4	7.6		0	56	200	4
850	1515	0	18.3	3.9	0	65	221	6	850	1525	0	19.2	4.5		1	66	207	7	850	1511	0	20.1	19.7		0	77	182	7
1007	* 32		27.6	4.1					979	* 295		25.4	2.0						1009	* 11		29.4	4.0					
ASIA - JAPAN MINAMIDAITOJIMA 47945 JUL 2010 2550N 13110E OB 2									ASIA - JAPAN CHICHIJIMA 47971 JUL 2010 2706N 14210E OB 3									ASIA - JAPAN MINAMITORISHIMA 47991 JUL 2010 2417N 15350E OB 3										
030	24093	0	-55.6		3		87	22	030	24101	0	-54.9			4	99	86	21	030	24070	0	-55.2			3	99	86	24
050	20882	0	-61.7		3	99	83	19	050	20883	0	-61.0			4	99	86	16	050	20855	0	-61.6			2	99	89	19
100	16711	0	-73.0		1	95	66	14	100	16679	0	-70.8			2	96	66	13	100	16647	0	-68.0			0	90	72	8
150	14317	0	-66.3		0	74	25	11	150	14271	0	-66.3			0	76	41	14	150	14211	0	-66.7			0	56	45	8
200	12516	0	-51.6		0	70	25	9	200	12478	0	-53.2			0	71	44	10	200	12428	0	-54.8			0	45	44	6
300	9751	0	-29.0	12.9	0	60	55	5	300	9736	0	-31.1	10.0		0	55	61	5	300	9706	0	-32.7	11.3		0	43	65	4
500	5910	0	-5.0	8.4	0	24	164	2	500	5917	0	-5.8	8.7		0	42	94	3	500	5909	0	-6.9	9.0		0	51	97	4
700	3184	0	10.8	7.7	0	48	180	4	700	3199	0	10.2	10.8		0	30	136	2	700	3204	0	8.9	7.2		0	63	115	4
850	1537	0	19.0	4.1	0	54	186	4	850	1558	0	17.9	17.6		0	40	161	3	850	1568	0	17.2	3.4		0	76	111	6
1011	* 21		27.7	2.5					1015	* 8		27.1	3.4						1017	* 9		27.4	3.8					

UPPER AIR

JULY 2010

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 HAILAR 50527 JUL 2010 4913N 11940E OB 3									ASIA - CHINA WU LU MU QI 51463 JUL 2010 4348N 08739E OB 3									ASIA - CHINA YINCHUAN 53614 JUL 2010 3828N 10610E OB								
030	24333	0	-50.8	35.0	4		90	8	030	24332	0	-51.0	23.5	0		87	10	030	24263	0	-53.1	13.6	1		91	13
050	21038	0	-54.7	35.7	3	80	76	4	050	21053	0	-56.4	21.9	0	80	93	4	050	21023	0	-60.5	10.3	0		77	9
100	16627	0	-55.9	32.5	3	80	293	8	100	16723	0	-61.5	20.4	0	94	253	17	100	16831	0	-69.3	8.7	0	67	314	10
150	14029	0	-52.4	24.0	3	82	295	14	150	14182	0	-55.2	22.4	0	97	254	34	150	14355	0	-58.8	18.8	0	75	305	21
200	12165	0	-50.8	10.7	3	77	294	17	200	12313	0	-47.7	22.4	0	97	251	35	200	12501	0	-46.9	18.2	0	80	296	24
300	9460	0	-36.8	2.5	1	82	300	14	300	9572	0	-33.9	20.5	0	95	245	21	300	9707	0	-28.5	15.1	0	74	285	14
500	5724	0	-10.5	13.3	0	82	306	9	500	5796	0	-8.2	15.0	0	90	242	9	500	5853	0	-3.3	18.7	0	38	282	3
700	3054	0	5.0	8.3	0	56	307	5	700	3101	0	8.2	14.6	0	67	346	4	700	3113	0	12.8	12.3	0	50	128	3
850	1438	0	15.3	8.6	0	67	326	4	850	1469	0	18.4	16.2	0	80	348	4	850	1451	0	22.2	11.5	0	50	132	2
936	* 611		19.0	5.5					904	* 947		20.1	10.6					884	*1112		22.0	7.4				
ASIA - CHINA BEIJING 54511 JUL 2010 3956N 11610E OB 3									ASIA - CHINA LHASA 55591 JUL 2010 2940N 09108E OB 3									ASIA - CHINA KUNMING 56778 JUL 2010 2501N 10240E OB 3								
030	24249	0	-53.3	20.7	2		89	12	030	24138	0	-55.7		1		88	21	030	24063	0	-55.3		2		91	25
050	21004	0	-59.3	19.1	1		76	8	050	20950	0	-63.0		0		86	18	050	20859	0	-63.6		2		87	22
100	16751	0	-65.6	18.1	0	71	314	10	100	16870	0	-76.0		0	77	80	10	100	16784	0	-77.2		2	96	70	23
150	14249	0	-58.1	19.5	0	77	299	20	150	14460	0	-61.8	22.5	0	45	72	5	150	14393	0	-63.7		1	89	61	17
200	12401	0	-48.9	17.9	0	73	293	22	200	12616	0	-46.4	12.9	0	20	96	2	200	12565	0	-48.3	10.6	1	80	65	12
300	9642	0	-30.9	18.1	0	75	290	15	300	9787	0	-23.8	11.3					300	9758	0	-25.6	10.9	1	86	79	6
500	5827	0	-5.7	19.9	0	67	306	6	500	5872	0	-6	2.6	0	40	218	2	500	5870	0	-2.0	5.4	0	40	238	2
700	3110	0	10.9	11.6	0	57	322	4	655	*3650		13.3	5.9					700	3118	0	11.5	1.7	0	62	249	5
850	1460	0	20.2	10.1	0	33	252	2										809	*1892		19.1	3.8				
1001	* 55		26.1	5.3																						
ASIA - CHINA SHANGHAI 58362 JUL 2010 3124N 12120E OB 3									AFRICA - MADEIRA FUNCHAL 08522 JUL 2010 3238N 01654W OB 3									AFRICA - SPAIN (CANARY ISLANDS) TENERIFE-GUIMAR 60018 JUL 2010 2819N 01623W OB								
030	24146	0	-54.3		1		86	20	030	24183	0	-53.5		4	98	93	9	030	24095	0	-54.6	32.4	0	99	92	22
050	20928	0	-61.6		0		83	14	050	20945	0	-59.3		4	97	99	7	050	20873	0	-61.1	30.6	0	97	91	15
100	16763	0	-71.7		0	79	27	11	100	16717	0	-68.2		4	54	257	2	100	16693	0	-71.2	19.0	0	59	138	3
150	14332	0	-63.0	20.8	0	67	343	12	150	14256	0	-61.8		4	82	259	6	150	14263	0	-63.5	19.2	0	78	246	8
200	12511	0	-49.9	13.4	0	53	331	10	200	12437	0	-52.1		4	81	262	7	200	12451	0	-52.2	21.2	0	76	256	9
300	9729	0	-28.0	14.3	0	42	295	5	300	9712	0	-34.3	21.9	4	70	268	5	300	9719	0	-33.0	25.6	0	62	256	7
500	5870	0	-3.9	9.9	0	67	259	6	500	5935	0	-6.6	26.5	4	51	281	2	500	5928	0	-6.6	28.6	0	43	260	3
700	3136	0	11.0	6.9	0	62	236	5	700	3216	0	11.6	26.8	4	38	281	2	700	3206	0	13.0	29.7	0	39	236	3
850	1485	0	20.2	5.6	0	50	227	4	850	1571	0	19.3	20.4	4	60	19	2	850	1547	0	22.5	29.1	0	70	16	4
1006	* 8		27.8	4.3					1013	* 58		23.6	7.4					1004	* 111		23.4	8.2				

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps			
AFRICA - MOROCCO CASABLANCA 60155 JUL 2010 3334N 00740W OB 1									AFRICA - ALGERIA DAR-EL-BEIDA 60390 JUL 2010 3641N 00313E OB 3									AFRICA - ALGERIA IN-SALAH 60630 JUL 2010 2714N 00230E OB 2											
030	24197	0	-53.7	32.4	0	98	91	17	030									030											
050	20957	0	-59.5	30.7	0	94	81	10	050	20990	0	-58.0	32.2		3	93	100	9	050	20896	0	-61.4				7	99	110	18
100	16719	0	-67.2	20.1	0	63	225	6	100	16715	0	-65.2	22.1		2	70	260	7	100	16749	0	-73.7				4	70	120	6
150	14242	0	-60.3	20.3	0	84	255	15	150	14221	0	-59.6	21.0		2	91	270	18	150	14335	0	-63.4				3	75	220	8
200	12414	0	-51.7	21.3	0	82	253	16	200	12392	0	-52.1	20.9		2	85	280	18	200	12516	0	-50.4				3	73	240	7
300	9693	0	-35.1	18.2	0	70	241	10	300	9682	0	-36.3	16.4		2	79	290	11	300	9756	0	-31.1	29.3			2	69	280	6
500	5931	0	-8.5	14.0	0	85	222	11	500	5931	0	-8.8	14.9		2	89	290	10	500	5957	0	-6.9	21.5			1	60	40	5
700	3213	0	13.6	12.9	0	71	223	7	700	3223	0	11.7	18.9		3	83	280	8	700	3235	0	14.2	20.1			1	86	60	8
850	1547	0	24.3	24.2	0	18	155	1	850	1567	0	23.4	22.3		3	20	250	1	850	1554	0	29.0	28.6			0	90	90	8
1008	* 57		22.5	2.7					1013	* 29		26.4	6.7						980	* 269		43.2	33.8						
AFRICA - ALGERIA TAMANRASSET 60680 JUL 2010 2248N 00526E OB 3									AFRICA - NIGER NIAMEY-AERO 61052 JUL 2010 1329N 00210E OB 2									AFRICA - MAURITANIA NOUADHIBOU 61415 JUL 2010 2056N 01702W OB /											
030									030									030											
050									050	20724	0	-64.1	28.2					050											
100									100	16628	0	-78.0	8.5					100	16677	0	-75.7	11.4			0	95	99	14	
150	14334	0	-64.6		9	43	60	5	150	14262	0	-67.0	8.4					150	14294	0	-65.5	12.2			0	66	125	6	
200	12520	0	-51.0		9	36	60	3	200	12468	0	-53.6	8.2					200	12491	0	-52.1	17.3			0	54	130	5	
300	9760	0	-30.2	26.0	9	20	60	1	300	9718	0	-30.5	11.3					300	9746	0	-31.3	23.1			0	68	106	6	
500	5939	0	-6.7	20.3	9	80	60	7	500	5997	0	-6.2	8.8					500	5940	0	-7.4	12.6			0	86	101	8	
700	3216	0	14.4	18.5	9	67	70	4	700	3180	0	11.0	8.1					700	3222	0	13.6	16.8			0	73	88	6	
850	1534	0	29.6	30.2	9	58	100	3	850	1524	0	21.3	7.8					850	1550	0	25.9	25.2			0	67	56	5	
865	*1364		30.5	25.6					986	* 227		29.2	7.3					1013	* 5		24.5	6.1							
AFRICA - OCEAN ISLANDS ST. HELENA IS. 61901 JUL 2010 1556S 00540W OB 3									AFRICA - OCEAN ISLANDS PORT-AUX-FRANCAIS (ILES KERG) 61998 JUL 2010 4918S 07012E OB 2									AFRICA - EGYPT EL ARISH 62337 JUL 2010 3105N 03349E OB											
030	23919	0	-56.4	31.7	9	96	79	13	030									030	24159	0	-55.0	32.6			7	99	82	20	
050	20723	0	-62.6	28.9	9	89	89	10	050									050	20947	0	-62.4	29.9			6	97	87	15	
100	16590	0	-74.9	13.5	9	76	307	6	100	15753	0	-58.5	29.9		5	99	270	47	100	16845	0	-75.0	22.9			5	92	154	12
150	14193	0	-65.8	14.8	9	83	298	14	150	13176	0	-57.7	22.9		2	95	267	42	150	14418	0	-60.7	28.8			4	89	184	11
200	12397	0	-53.5	18.5	9	80	295	19	200	11372	0	-59.5	12.5		2	92	265	38	200	12570	0	-46.8	33.8			4	85	203	9
300	9665	0	-32.1	28.2	9	90	307	20	300	8809	0	-51.8	8.5		0	87	260	35	300	9765	0	-26.7	39.3			3	82	221	9
500	5867	0	-7.0	40.6	9	75	290	8	500	5323	0	-27.2	23.5		0	89	259	28	500	5884	0	-1.9	44.3			3	78	239	7
700	3169	0	8.7	35.7	9	36	260	3	700	2816	0	-12.4	16.4		0	92	261	23	700	3137	0	14.2	36.9			3	65	229	5
850	1546	0	10.4	9.6	9	74	120	7	850	1315	0	-4.7	5.6		0	92	264	19	850	1477	0	22.1	27.9			3	79	296	5
970	* 436		17.4	3.9					999	* 29		3.5	3.9					1004	* 32		23.6	3.7							

UPPER AIR

JULY 2010

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 HELWAN 62378 JUL 2010 2952N 03120E OB 3									AFRICA - EGYPT SOUTH OF VALLEY UNIVERSITY 62403 JUL 2010 2612N 03245E OB									AFRICA - EGYPT ASSWAN 62414 JUL 2010 2358N 03247E OB 3								
030	24135	0	-54.8	32.3	3	99	100	18	030	24055	0	-55.4	31.7	0	99	100	21	030	24041	0	-59.9		5	96	95	25
050	20918	0	-61.9	30.0	1	98	105	16	050	20849	0	-63.9	28.0	0	99	105	20	050	20845	0	-63.2		5	97	95	22
100	16833	0	-74.9	23.5	1	94	135	13	100	16795	0	-76.8	21.6	0	96	110	22	100	16777	0	-77.7		4	98	115	25
150	14407	0	-61.0	27.5	1	81	165	9	150	14389	0	-62.1	26.4	0	89	120	15	150	14379	0	-62.9		2	94	115	15
200	12564	0	-47.3	31.4	1	72	190	7	200	12555	0	-48.0	30.7	0	88	130	10	200	12561	0	-46.3	24.8	1	87	120	10
300	9765	0	-27.2	36.6	0	72	220	7	300	9762	0	-27.6	36.2	0	71	150	8	300	9765	0	-27.7		1	83	110	6
500	5894	0	-2.3	42.0	0	66	240	6	500	5886	0	-2.4	41.9	0	60	205	6	500	5900	0	-3.6		1	60	145	2
700	3149	0	13.9	39.4	0	57	257	5	700	3141	0	14.5	40.0	0	62	250	7	700	3155	0	14.8		1	29	215	2
850	1492	0	21.6	22.0	0	65	340	4	850	1475	0	26.2	20.1	0	88	275	7	850	1484	0	26.4	27.5	1	74	355	4
991	* 141		34.6	34.5					993	* 96		39.5	32.3					983	* 200		31.9	26.3				
AFRICA - COTE D'IVOIRE ABIDJAN 65578 JUL 2010 0515N 00356W OB 2									N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 JUL 2010 7117N 15647W OB 3									N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 JUL 2010 6653N 16236W OB 3								
030									030	24492	0	-43.6	26.3	1	85	67	3	030	24514	0	-43.9	17.6	6	91	87	4
050									050	21075	0	-44.8	25.8	0	49	41	2	050	21099	0	-45.4	16.7	4	58	71	2
100	16606	0	-79.9	8.7	9	74	68	7	100	16441	0	-45.3	25.3	0	54	321	3	100	16478	0	-45.7	15.9	4	35	315	2
150	14230	0	-65.4	10.4	9	70	82	6	150	13738	0	-45.2	24.2	0	56	307	4	150	13774	0	-44.8	15.3	4	39	306	3
200	12434	0	-53.3	10.7	9	95	79	20	200	11820	0	-46.7	19.4	0	46	316	5	200	11849	0	-45.7	12.7	4	32	325	4
300	9699	0	-32.0	8.2	9	93	82	14	300	9153	0	-45.1	9.7	0	26	324	5	300	9173	0	-45.1	7.6	4	26	285	5
500	5884	0	-4.7	15.2	9	42	11	1	500	5549	0	-19.2	13.9	0	39	274	5	500	5567	0	-18.6	10.9	4	37	236	4
700	3162	0	9.1	2.3	9	35	87	2	700	2968	0	-3.8	15.9	2	51	259	5	700	2979	0	-3.2	7.5	4	38	222	3
850	1528	0	15.9	2.3	9	35	87	2	850	1413	0	3.8	6.9	6	43	258	4	850	1421	0	4.3	4.4	4	29	221	2
1013	* 8		25.6	2.2					1009	* 12		3.9	.8					1009	* 5		9.9	9.2				
N AMERICA - USA (ALASKA) NOME, AK 70200 JUL 2010 6430N 16526W OB 3									N AMERICA - USA (ALASKA) ANCHORAGE/INT., AK 70273 JUL 2010 6109N 14950W OB 3									N AMERICA - USA (ALASKA) ST. PAUL 70308 JUL 2010 5709N 17013W OB								
030	24410	0	-46.0	15.5	3	92	77	5	030	24394	0	-46.7	31.0	2	83	89	4	030	24309	0	-49.2	24.3	1	96	87	6
050	21028	0	-47.6	14.5	3	71	58	3	050	21030	0	-48.8	30.0	1	23	142	1	050	20973	0	-50.0	23.8	1	70	81	2
100	16447	0	-47.4	14.2	1	40	1	3	100	16465	0	-48.0	29.3	0	78	239	5	100	16434	0	-49.4	22.8	2	28	298	2
150	13763	0	-46.2	13.9	1	42	351	4	150	13789	0	-47.1	27.9	0	82	243	7	150	13772	0	-48.3	21.1	1	47	299	4
200	11850	0	-46.8	11.6	1	45	356	6	200	11885	0	-48.0	20.7	0	78	242	10	200	11878	0	-49.3	18.0	1	45	307	5
300	9180	0	-45.1	11.9	1	24	10	5	300	9220	0	-44.4	12.4	0	51	225	10	300	9207	0	-44.0	11.6	1	37	337	6
500	5578	0	-18.9	14.2	0	12	28	2	500	5613	0	-18.7	8.4	0	47	203	5	500	5590	0	-18.2	14.7	0	34	348	4
700	2991	0	-3.1	7.0	0	15	196	2	700	3026	0	-3.6	3.0	0	51	172	4	700	2998	0	-2.7	7.9	0	21	354	2
850	1431	0	4.4	3.2	0	22	193	2	850	1468	0	4.1	2.0	0	72	160	5	850	1433	0	4.9	5.8	1	12	334	1
1010	* 6		9.3	2.5					1009	* 50		11.6	2.2					1011	* 13		5.8	.3				

UPPER AIR

JULY 2010

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) COLD BAY, AK 70316 JUL 2010 5512N 16240W OB 3									N AMERICA - USA (ALASKA) YAKUTAT, AK 70361 JUL 2010 5931N 13940W OB 3									N AMERICA - USA (ALASKA) ANNETTE ISLAND 70398 JUL 2010 5502N 13134W OB								
030	24305	0	-49.8	24.0	1	95	92	5	030	24359	0	-47.5	34.6	5	87	76	5	030	24349	0	-48.4	33.7	1	87	78	5
050	20977	0	-50.8	23.5	1	81	121	2	050	21015	0	-50.5	33.5	5	28	239	1	050	21021	0	-52.1	31.9	1	35	41	1
100	16450	0	-49.8	22.6	1	83	234	5	100	16488	0	-49.7	32.6	5	87	259	7	100	16537	0	-51.6	24.1	0	86	283	7
150	13796	0	-48.7	20.9	1	87	246	9	150	13828	0	-48.8	29.0	6	87	265	11	150	13895	0	-49.8	21.3	0	86	283	13
200	11905	0	-49.8	17.7	1	84	245	14	200	11941	0	-50.8	19.2	6	88	266	16	200	12015	0	-51.9	14.4	0	84	298	18
300	9235	0	-42.6	11.1	1	74	243	16	300	9285	0	-43.3	12.9	6	82	266	15	300	9359	0	-42.2	14.0	0	80	301	19
500	5602	0	-17.2	13.3	1	69	241	9	500	5655	0	-17.4	11.9	5	84	256	10	500	5707	0	-15.6	19.9	0	86	295	12
700	3002	0	-2.2	7.2	2	57	248	6	700	3056	0	-2.4	5.5	5	65	233	5	700	3090	0	-.3	13.7	0	76	290	7
850	1439	0	4.3	4.7	2	47	222	4	850	1494	0	3.9	2.3	5	49	195	3	850	1515	0	6.2	6.1	0	67	292	4
1010	* 31		8.0	.8					1018	* 13		11.3	1.4					1016	* 36		12.3	1.8				
N AMERICA - USA (ALASKA) SHEMYA AFB 70414 JUL 2010 5243N 17400E OB 3									N AMERICA - USA KEY WEST/INT., FL. 72201 JUL 2010 2433N 08145W OB									N AMERICA - USA SHREVEPORT/REG., LA. 72248 JUL 2010 3227N 09350W OB 2								
030									030	24012	0	-55.3		1	98	94	25	030	24139	0	-54.2	29.4	0	98	93	16
050									050	20806	0	-62.3	12.6	1	98	87	23	050	20907	0	-60.7	21.5	0	97	83	14
100									100	16648	0	-71.5	9.7	1	91	75	13	100	16725	0	-72.2	14.0	0	69	51	5
150									150	14240	0	-66.3	10.4	1	70	53	10	150	14308	0	-64.2	16.8	1	40	30	4
200	11969	0	-50.4	22.6	9	71	317	13	200	12450	0	-54.3	12.8	1	47	46	7	200	12496	0	-51.8	21.0	0	22	48	3
300	9307	0	-41.6	9.7	7	47	336	9	300	9723	0	-32.1	12.9	1	60	69	6	300	9746	0	-30.7	21.7	0	18	68	2
500	5652	0	-15.9	12.6	7	49	18	6	500	5913	0	-6.0	10.3	1	67	90	5	500	5924	0	-5.6	15.4	0	20	158	2
700	3036	0	-.7	9.5	7	42	32	4	700	3200	0	9.8	9.6	1	69	113	5	700	3206	0	10.0	7.3	0	42	212	3
850	1462	0	6.0	4.5	7	28	37	2	850	1559	0	18.2	4.3	0	76	112	5	850	1560	0	19.3	19.0	0	61	202	4
1012	* 31		6.9	.6					1014	* 6		28.1	4.8					1006	* 85		24.6	24.3				
N AMERICA - USA SAN DIEGO/MIRAMAR, NAS, CA. 72293 JUL 2010 3251N 11707W OB									N AMERICA - USA NEWPORT, NC. 72305 JUL 2010 3446N 07652W OB 2									N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 JUL 2010 3614N 08633W OB 3								
030	24170	0	-53.6	26.1	2	98	86	18	030	24167	0	-52.3	31.1	0	98	93	16	030	24208	0	-51.8	31.7	2	97	96	13
050	20937	0	-60.2	17.5	1	98	91	12	050	20919	0	-60.1	20.7	0	98	82	12	050	20954	0	-59.3	15.9	1	97	80	11
100	16731	0	-70.6	13.2	0	40	186	3	100	16692	0	-68.8	13.3	1	59	39	4	100	16727	0	-69.9	11.4	0	33	350	3
150	14303	0	-63.8	14.0	1	80	222	13	150	14255	0	-63.9	14.4	0	64	352	9	150	14293	0	-63.5	12.4	0	68	322	9
200	12487	0	-50.6	19.1	0	76	229	13	200	12449	0	-53.5	18.0	0	63	330	10	200	12480	0	-51.7	15.8	0	59	307	9
300	9724	0	-29.9	21.0	0	75	247	11	300	9717	0	-31.9	20.9	0	56	304	7	300	9731	0	-31.1	19.1	0	49	290	6
500	5893	0	-5.1	14.7	0	60	208	4	500	5907	0	-6.1	16.9	0	64	285	6	500	5918	0	-5.8	16.1	0	56	269	5
700	3163	0	12.4	12.3	0	73	175	5	700	3198	0	8.8	10.9	0	66	280	6	700	3202	0	9.5	10.9	0	67	271	5
850	1502	0	22.8	9.3	0	68	286	3	850	1563	0	17.4	5.6	0	54	300	5	850	1562	0	18.6	7.4	0	68	265	5
996	* 128		16.4	2.0					1016	* 11		23.5	.6					996	* 180		22.9	22.8				

UPPER AIR

JULY 2010

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 GREAT FALLS, MT. 72776 JUL 2010 4727N 11120W OB 2									N AMERICA - USA SPOKANE, WA. 72786 JUL 2010 4740N 11730W OB									N AMERICA - BERMUDA BERMUDA INTERNATIONAL AIRPOR 78016 JUL 2010 3222N 06440W OB 3								
030	24293	0	-50.1	24.9	0	91	84	7	030	24306	0	-50.4	30.1	0	84	82	6	030	24171	0	-53.7	27.4	9	99	87	18
050	21000	0	-54.7	20.3	0	65	79	3	050	21010	0	-54.5	25.3	0	53	70	3	050	20930	0	-59.7	22.1	4	99	87	12
100	16598	0	-57.0	17.7	0	85	264	11	100	16601	0	-56.4	20.0	0	86	271	10	100	16691	0	-67.4	12.9	5	56	82	3
150	14011	0	-52.8	19.3	0	91	262	22	150	14008	0	-52.5	20.1	0	88	267	18	150	14234	0	-63.3	12.2	4	27	20	3
200	12142	0	-50.1	18.7	0	89	261	27	200	12137	0	-50.5	17.4	0	81	268	23	200	12432	0	-54.4	9.8	5	32	356	5
300	9455	0	-40.2	19.4	0	84	264	23	300	9455	0	-39.8	17.5	0	74	270	20	300	9713	0	-32.9	11.2	4	26	310	3
500	5765	0	-12.7	13.3	0	86	262	14	500	5760	0	-12.6	18.5	0	77	274	11	500	5921	0	-6.8	18.5	4	56	256	4
700	3111	0	4.7	8.0	0	74	276	6	700	3111	0	3.8	12.2	0	63	271	4	700	3218	0	8.5	14.9	4	74	246	5
850	1494	0	15.6	10.7	0	66	250	5	850	1499	0	16.1	14.5	0	39	260	2	850	1588	0	16.5	8.8	4	67	233	4
887	*1132		12.4	5.5					930	*728		11.4	4.0					1017	*130		26.6	5.0				
N AMERICA - JAMAICA KINGSTON/NORMAN MANLEY 78397 JUL 2010 1756N 07647W OB 3									S AMERICA - CHILE ANTOFAGASTA 85442 JUL 2010 2326S 07027W OB 2									S AMERICA - CHILE ISLA DE PASCUA 85469 JUL 2010 2710S 10920W OB 1								
030	23965	0	-56.1	10.8	7	99	91	27	030									030								
050	20766	0	-61.9	7.9	7	99	89	24	050	20716	0	-61.0	28.7	4	52	271	3	050								
100	16604	0	-73.0	6.6	5	96	77	10	100	16509	0	-69.2	13.9	2	91	281	16	100	16491	0	-65.8	27.5	3	91	274	15
150	14209	0	-67.2	7.0	7	36	16	4	150	14046	0	-61.6	21.8	1	95	274	33	150	14006	0	-60.8	26.6	5	93	282	29
200	12425	0	-54.1	7.7	6	9	315	1	200	12228	0	-53.0	23.0	1	95	273	39	200	12189	0	-54.0	24.5	2	90	287	32
300	9691	0	-31.8	8.7	4	32	91	2	300	9523	0	-36.6	24.8	1	94	271	36	300	9512	0	-39.1	21.1	1	80	289	24
500	5884	0	-6.3	10.2	3	88	108	7	500	5795	0	-10.5	34.3	1	92	278	19	500	5816	0	-12.4	30.4	0	45	299	7
700	3177	0	9.3	8.8	3	93	109	9	700	3125	0	6.5	8.1	1	77	309	6	700	3166	0	3.4		0	22	39	3
850	1537	0	17.8	17.5	5	81	104	10	850	1510	0	13.8	31.6	1	46	53	2	850	1572	0	8.7	5.2	0	29	71	3
1013	*14		26.6	6.4					1005	*140		10.9	4.8					1019	*69		19.1	5.6				
S AMERICA - CHILE SANTO DOMINGO 85586 JUL 2010 3339S 07137W OB									S AMERICA - CHILE PUERTO MONTT 85799 JUL 2010 4126S 07306W OB 2									S AMERICA - CHILE PUNTA ARENAS 85934 JUL 2010 5300S 07051W OB 2								
030									030									030								
050									050									050								
100	16340	0	-58.7	28.7	5	84	274	17	100	16140	0	-55.7	31.7	5	92	261	22	100	15703	0	-59.7	29.3	0	94	262	31
150	13756	0	-52.4	30.2	4	92	263	27	150	13532	0	-52.4	29.8	2	84	261	22	150	13158	0	-58.6	26.5	0	92	261	27
200	11890	0	-50.3	26.3	1	90	264	33	200	11668	0	-53.4	24.7	1	72	257	22	200	11356	0	-60.0	21.0	0	79	267	22
300	9228	0	-44.7	18.2	0	77	265	27	300	9041	0	-48.5	16.8	0	61	265	20	300	8802	0	-53.3	14.2	0	70	272	18
500	5645	0	-21.4	16.8	0	67	273	13	500	5519	0	-25.7	9.4	0	58	276	13	500	5345	0	-29.5	11.7	0	72	267	14
700	3078	0	-4.2	22.5	0	52	307	5	700	2996	0	-9.0	10.0	0	55	278	8	700	2858	0	-12.5	12.6	0	74	265	11
850	1520	0	5.2	17.8	0	28	310	2	850	1470	0	-6	7.7	0	61	313	7	850	1352	0	-3.6	8.0	0	69	272	10
1013	*75		4.6	1.4					1008	*90		4.2	.8					1002	*43		-1	2.0				

UPPER AIR

JULY 2010

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 - ARGENTINA SALTA AERO 87047 JUL 2010 2451S 06529W OB /									S AMERICA - ARGENTINA RESISTENCIA AERO 87155 JUL 2010 2727S 05903W OB 2									S AMERICA - ARGENTINA CORDOBA AERO 87344 JUL 2010 3119S 06413W OB /									
030	23891	0	-59.1		2	11	15	1	030	23870	0	-58.3			3	65	285	8	030	23841	0	-58.6	30.9	1	71	264	9
050	20699	0	-61.1		0	74	285	5	050	20690	0	-61.4			1	91	275	8	050	20653	0	-60.3	30.2	0	89	268	10
100	16474	0	-69.2	19.8	0	95	275	22	100	16461	0	-67.1			0	93	280	19	100	16380	0	-62.2	28.2	0	94	277	22
150	14044	0	-63.8	21.3	0	94	290	32	150	13989	0	-61.6			0	88	285	39	150	13848	0	-55.7	29.4	0	93	287	34
200	12232	0	-52.8	28.2	0	94	285	36	200	12170	0	-52.7			0	96	290	43	200	11993	0	-51.0	27.2	0	93	283	38
300	9523	0	-36.3	25.5	0	92	280	34	300	9278	0	-38.3	17.8		0	92	290	35	300	9318	0	-42.7	21.4	0	90	282	32
500	5725	0	-9.9	31.7	0	89	280	20	500	5780	0	-11.6	23.8		0	83	335	18	500	5689	0	-17.3	22.8	0	86	289	18
700	3108	0	5.7	29.4	2	61	300	5	700	3115	0	3.4	13.5		0	86	320	14	700	3079	0	-.1	22.2	0	69	278	8
850	1514	0	6.2	4.7	0	28	160	1	850	1519	0	10.1	11.5		0	34	345	4	850	1507	0	6.2	12.0	0	13	304	1
881	*1238		1.8	1.4					1012	* 53		10.4	2.6						964	* 484		4.9	6.4				
S AMERICA - ARGENTINA EZEIZA AERO 87576 JUL 2010 3449S 05832W OB 3									S AMERICA - ARGENTINA COMODORO RIVADAVIA AERO 87860 JUL 2010 4547S 06730W OB 2									ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 JUL 2010 6835S 07758E OB 3									
030	23798	0	-54.7	34.8	5	91	260	16	030	23517	0	-62.0	27.8		8	97	265	38	030	21399	0	-81.4	10.9	1	98	274	39
050	20610	0	-61.1	29.4	3	94	275	15	050	20358	0	-59.9	27.9		2	89	275	29	050	18532	0	-81.2	10.6	0	97	276	31
100	16309	0	-59.8	30.6	2	97	280	26	100	15990	0	-55.7	29.6		1	93	263	27	100	14597	0	-76.5	11.2	0	96	274	22
150	13743	0	-54.5	30.6	2	97	285	37	150	13397	0	-53.6	29.2		1	85	268	24	150	12239	0	-72.4	12.0	0	91	275	17
200	11887	0	-52.2	26.0	2	95	290	36	200	11555	0	-55.4	24.4		1	75	268	20	200	10539	0	-70.1	11.6	0	79	281	13
300	9233	0	-44.7	19.4	2	77	295	36	300	8968	0	-51.8	12.1		2	65	269	17	300	8091	0	-62.1	9.4	0	50	289	9
500	5637	0	-19.5	16.4	2	86	290	24	500	5470	0	-25.8	11.7		1	46	261	9	500	4788	0	-41.5	7.8	0	39	288	5
700	3054	0	-3.1	19.5	2	62	280	13	700	2949	0	-9.4	11.4		1	57	241	8	700	2433	0	-27.6	8.2	0	32	22	3
850	1496	0	3.9	3.4	2	53	270	10	850	1422	0	.1	11.8		1	61	238	8	850	1026	0	-23.9	4.3	0	91	44	10
1017	* 20		5.7	1.8					1007	* 58		5.3	5.7						974	* 23		-21.4	4.9				
ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 JUL 2010 6617S 11030E OB 3									ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 JUL 2010 6900S 03935E OB 1									ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 JUL 2010 7535S 02639W OB 2									
030	21677	0	-77.0	14.3	6	97	280	52	030	21322	0	-83.4	10.1		2	97	270	38	030								
050	18772	0	-77.7	13.4	4	97	276	41	050	18482	0	-82.9	9.4		1	95	267	30	050								
100	14768	0	-73.3	14.7	3	94	279	30	100	14587	0	-78.3	10.6		0	90	263	20	100	14596	0	-82.2	7.1	9	86	239	18
150	12368	0	-69.9	14.8	2	94	280	25	150	12252	0	-74.5	9.9		0	84	262	15	150	12301	0	-78.3	7.2	9	72	241	15
200	10645	0	-67.7	13.2	1	90	282	21	200	10571	0	-72.5	7.9		0	68	257	12	200	10639	0	-74.5	8.8	8	58	245	13
300	8177	0	-61.0	10.9	1	71	289	16	300	8145	0	-63.3	6.5		0	44	250	8	300	8215	0	-61.8	10.0	8	44	240	10
500	4849	0	-39.0	11.4	1	61	285	10	500	4836	0	-39.6	7.4		0	17	259	2	500	4880	0	-37.6	10.6	8	33	234	5
700	2466	0	-23.6	10.2	1	30	292	3	700	2460	0	-24.9	10.4		0	16	147	2	700	2483	0	-23.0	9.4	8	14	297	2
850	1026	0	-16.6	6.0	1	55	20	4	850	1038	0	-21.4	6.1		0	80	46	8	850	1049	0	-19.5	9.2	8	66	52	7
969	* 42		-16.3	2.6					975	* 21		-21.4	4.3						975	* 35		-27.4	2.8				

UPPER AIR

JULY 2010

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 - UNITED KINGDOM (ANTARCTIC) ROTHERA 89062 JUL 2010 6734S 06808W OB									W PACIFIC - MALAYSIA (PENIN. MALAYSIA) KUANTAN 48657 JUL 2010 0347N 10310E OB 3									SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 JUL 2010 0122N 10350E OB 3										
030	21843	0	-76.9	16.6	9	98	251	5	030	23859	0	-54.8	17.8	7	83	100	11	030	23842	0	-53.5	32.3	1	51	91	6		
050	18885	0	-78.3	14.0	9	94	256	40	050	20663	0	-65.3	11.8	4	99	89	30	050	20642	0	-65.8	24.6	1	99	89	28		
100	14943	0	-73.5	15.4	9	92	262	26	100	16582	0	-79.5	7.0	3	87	83	19	100	16571	0	-80.1	8.3	0	92	85	16		
150	12555	0	-71.3	13.1	9	85	266	22	150	14205	0	-68.4	6.4	1	99	73	25	150	14224	0	-67.7	8.7	0	97	73	24		
200	10847	0	-69.5	10.9	9	68	271	14	200	12421	0	-53.5	5.6	0	97	76	20	200	12436	0	-53.4	8.1	0	97	76	19		
300	8390	0	-60.7	9.1	9	69	260	16	300	9681	0	-30.2	5.2	0	93	85	12	300	9690	0	-30.2	9.1	0	96	87	13		
500	5035	0	-35.3	11.7	9	67	262	14	500	5841	0	-5.0	2.8	0	76	115	7	500	5859	0	-5.4	2.9	0	83	102	5		
700	2607	0	-19.1	11.2	9	69	254	12	700	3117	0	9.7	3.2	0	55	227	4	700	3141	0	9.5	9.0	0	40	268	2		
850	1144	0	-12.9	7.4	9	30	246	3	850	1480	0	19.2	3.5	0	53	225	4	850	1499	0	18.7	4.3	0	65	255	3		
986	* 33		-7.9	4.2					1007	* 16		26.5	2.3					1007	* 16		27.4	27.0						
SW PACIFIC - NEW CALEDONIA NOUMEA (NLE-CALEDONIE) 91592 JUL 2010 2217S 16627E OB 3									SW PACIFIC - FIJI NADI AIRPORT 91680 JUL 2010 1745S 17720E OB 3									SW PACIFIC - SAMOA AND AMERICAN SAMOA PAGO PAGO/INT.AIRP. 91765 JUL 2010 1420S 17040W OB 2										
030	23929	0	-56.3	11.2	2	69	78	5	030	23914	0	-56.6						030	23877	0	-57.0	12.1	1	95	92	9		
050	20730	0	-62.5	7.5	0	17	159	1	050	20723	0	-62.7			8	79	88	4	050	20696	0	-64.1	10.1	1	98	91	9	
100	16553	0	-71.4	9.9	0	92	271	19	100	16586	0	-75.0	12.7	1	91	270	12	100	16583	0	-77.4	7.7	0	63	268	5		
150	14138	0	-65.6	7.1	0	96	265	36	150	14210	0	-67.3	13.0	0	96	266	21	150	14218	0	-67.4	9.3	0	89	259	12		
200	12346	0	-53.5	6.9	0	94	268	38	200	12422	0	-54.0	15.8	0	93	271	22	200	12430	0	-53.8	11.8	0	85	256	12		
300	9618	0	-33.6	19.6	0	93	266	32	300	9693	0	-32.4	19.8	0	87	272	16	300	9696	0	-32.0	19.0	0	59	244	6		
500	5844	0	-7.9	19.4	0	90	265	20	500	5886	0	-6.4	24.3	0	80	269	9	500	5885	0	-5.6	21.3	0	36	49	2		
700	3151	0	7.1	18.2	0	86	249	9	700	3173	0	10.5	21.0	0	54	277	4	700	3169	0	9.7	13.4	0	67	69	5		
850	1539	0	10.9	4.8	1	31	135	2	850	1535	0	15.9	8.7	0	18	81	1	850	1531	0	16.7	4.2	0	86	81	8		
1011	* 72		19.7	4.2					1014	* 18		27.1	19.0					1013	* 6		26.8	2.3						
SW PACIFIC - FRENCH POLY. (MARQUESAS IS) ATUONA 91925 JUL 2010 0949S 13902W OB 1									SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 JUL 2010 2308S 13458W OB 1									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 JUL 2010 2737S 14420W OB 1										
030	23821	0	-56.2	12.9	6	96	82	11	030	23907	0	-57.5			6	50	323	3	030	23906	0	-57.5			6	42	97	4
050	20651	0	-65.4	8.8	2	97	88	16	050	20722	0	-62.7			4	45	301	3	050	20723	0	-62.3			5	17	87	1
100	16568	0	-76.8	8.3	1	62	285	5	100	16533	0	-68.7			2	90	258	13	100	16497	0	-66.7			4	92	263	18
150	14194	0	-66.9	9.8	1	93	271	14	150	14079	0	-62.6			1	93	247	26	150	14029	0	-62.8			4	94	260	30
200	12407	0	-53.9	11.7	1	84	268	13	200	12276	0	-54.9			1	87	242	24	200	12232	0	-56.0			3	91	250	37
300	9682	0	-33.0	30.8	1	45	273	5	300	9593	0	-37.4	14.6	1	83	231	20	300	9558	0	-38.2	9.3	3	90	256	27		
500	5870	0	-4.2	36.0	1	71	133	6	500	5859	0	-9.8	16.0	1	64	229	7	500	5840	0	-10.8	15.7	1	84	271	16		
700	3144	0	10.3	26.8	0	64	89	4	700	3178	0	6.3	17.0	0	29	87	2	700	3168	0	5.0	16.1	1	79	290	8		
850	1515	0	14.5	3.1	0		106	8	850	1567	0	12.1	3.6	0	69	83	6	850	1565	0	10.8	7.4	1	41	321	4		
1007	* 53		27.5	6.6					1011	* 91		22.4	3.9					1023	* 2		19.4	3.0						

UPPER AIR

JULY 2010

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 DARWIN AIRPORT 94120 JUL 2010 1225S 13050E OB /									SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 JUL 2010 1217S 13640E OB /									SW PACIFIC - AUSTRALIA WEIPA AERO 94170 JUL 2010 1241S 14150E OB									
030	23899	0	-57.0	31.7	1	93	84	12	030	23893	0	-57.0	31.7	1	94	86	12	030	23898	0	-57.3	31.6	7	91	88	11	
050	20704	0	-63.5	29.9	0	96	93	14	050	20701	0	-63.7	29.8	1	98	89	15	050	20713	0	-63.4	29.9	7	96	89	12	
100	16599	0	-78.6	8.9	0	21	309	2	100	16596	0	-78.5	9.2	1	34	311	3	100	16603	0	-77.8	9.3	4	42	305	3	
150	14248	0	-67.7	11.1	0	67	273	8	150	14247	0	-67.9	10.6	0	75	273	9	150	14255	0	-67.9	9.9	4	87	279	11	
200	12459	0	-53.4	14.8	0	59	281	8	200	12458	0	-53.2	16.0	1	74	290	8	200	12465	0	-53.1	14.0	4	84	292	10	
300	9715	0	-30.3	24.8	0	49	282	5	300	9713	0	-30.3	24.9	0	57	290	6	300	9720	0	-30.3	23.5	4	76	293	7	
500	5885	0	-5.2	20.2	0	15	20	1	500	5884	0	-5.2	21.9	1	31	35	2	500	5891	0	-5.0	19.4	4	34	15	2	
700	3167	0	10.4	16.8	1	75	95	4	700	3164	0	10.7	14.8	1	89	74	6	700	3171	0	11.1	14.0	4	89	80	6	
850	1530	0	16.5	5.6	1	96	94	10	850	1526	0	15.9	2.6	1	99	95	13	850	1526	0	17.2	5.4	4	98	89	15	
1011	* 35		24.9	9.5					1008	* 54		25.6	4.2						1012	* 19		26.4	6.0				
SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 JUL 2010 1757S 12210E OB /									SW PACIFIC - AUSTRALIA TOWNSVILLE AERO 94294 JUL 2010 1915S 14640E OB /									SW PACIFIC - AUSTRALIA LEARMONTH AIRPORT 94302 JUL 2010 2214S 11400E OB /									
030	23902	0	-56.9	31.6	1	84	80	8	030	23928	0	-57.2	31.6	2	80	73	8	030	23903	0	-57.5	31.6	2	49	80	4	
050	20711	0	-62.7	29.9	1	61	95	5	050	20731	0	-62.9	29.9	1	58	103	4	050	20707	0	-62.0	30.3	2	16	264	1	
100	16570	0	-76.5	10.7	1	87	263	12	100	16584	0	-74.9	12.8	1	89	273	13	100	16534	0	-73.3	16.4	2	91	259	19	
150	14202	0	-67.4	12.4	1	91	264	22	150	14208	0	-67.3	12.6	1	96	275	23	150	14133	0	-65.3	18.2	2	95	259	33	
200	12411	0	-53.3	17.6	1	88	262	23	200	12419	0	-53.6	16.6	1	93	277	24	200	12330	0	-52.4	24.4	2	92	256	38	
300	9670	0	-30.8	26.9	1	93	269	21	300	9685	0	-31.8	22.8	1	90	277	22	300	9587	0	-32.1	29.1	2	93	263	35	
500	5859	0	-6.5	22.8	1	90	279	12	500	5885	0	-6.7	22.3	1	87	284	11	500	5810	0	-8.8	31.9	1	95	269	20	
700	3159	0	7.0	10.3	1	64	295	5	700	3182	0	8.9	20.7	1	50	313	3	700	3133	0	4.7	30.8	1	50	268	5	
850	1536	0	16.0	11.7	1	38	55	2	850	1559	0	13.1	12.3	1	80	77	5	850	1531	0	10.9	13.0					
1015	* 17		20.2	6.6					1020	* 9		23.1	7.6					1018	* 6		13.0	6.6					
SW PACIFIC - AUSTRALIA PORT HEDLAND AIRPORT 94312 JUL 2010 2022S 11830E OB /									SW PACIFIC - AUSTRALIA ALICE SPRINGS AIRPORT 94326 JUL 2010 2348S 13350E OB /									SW PACIFIC - AUSTRALIA MOUNT ISA AERO 94332 JUL 2010 2041S 13920E OB /									
030									030	23907	0	-58.0	31.4	5	51	82	4	030	23907	0	-57.7	31.1	8	51	84	4	
050									050	20718	0	-62.0	30.1	5	14	274	1	050	20720	0	-63.1	29.5	6	34	100	3	
100									100	16510	0	-70.1	18.5	3	86	280	18	100	16557	0	-73.7	14.1	2	88	274	16	
150	14159	0	-65.7	17.8					150	14082	0	-64.5	17.7	3	89	277	36	150	14170	0	-66.3	15.4	1	95	276	28	
200	12360	0	-53.0	20.0	9	92	259	33	200	12279	0	-53.3	19.2	3	87	275	41	200	12376	0	-53.5	17.7	1	94	276	31	
300	9621	0	-31.7	28.2	5	94	267	32	300	9557	0	-33.7	23.5	3	87	276	37	300	9648	0	-32.6	22.1	0	93	277	27	
500	5830	0	-7.9	29.6	5	94	271	18	500	5804	0	-10.3	21.9	3	92	279	21	500	5860	0	-8.0	19.7	1	89	276	16	
700	3146	0	4.8	18.5	5	75	275	7	700	3144	0	3.1	17.8	4	87	274	9	700	3168	0	6.9	17.6	1	77	288	7	
850	1537	0	13.2	8.8	5	29	343	2	850	1550	0	8.8	10.7	4	13	46	1	850	1551	0	14.1	12.8	1	42	51	2	
1017	* 10		18.5	12.2					959	* 547		10.5	3.2					981	* 342		17.4	10.5					

UPPER AIR

JULY 2010

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 ROCKHAMPTON AERO 94374 JUL 2010 2323S 15020E OB									SW PACIFIC - AUSTRALIA GERALDTON AIRPORT 94403 JUL 2010 2848S 11440E OB /									SW PACIFIC - AUSTRALIA MEEKATHARRA AIRPORT 94430 JUL 2010 2637S 11830E OB 2									
030	23926	0	-57.3	31.5	4	50	28	4	030	23886	0	-57.0	31.5						030	23896	0	-56.8	31.8	2	18	205	2
050	20729	0	-62.6	29.8	2	16	187	1	050	20681	0	-60.6	30.4						050	20694	0	-61.1	30.5	0	71	273	5
100	16539	0	-71.0	17.2	2	95	273	20	100	16420	0	-64.6	26.1	5	97	257	24	100	16455	0	-67.5	24.1	0	96	264	24	
150	14128	0	-65.9	15.0	2	96	275	38	150	13929	0	-59.8	26.5	2	95	256	40	150	13988	0	-61.4	25.1	0	96	264	40	
200	12333	0	-53.7	17.2	2	84	262	39	200	12098	0	-51.3	26.9	0	94	259	48	200	12167	0	-52.0	26.0	0	94	263	48	
300	9610	0	-33.5	20.5	1	96	274	36	300	9389	0	-38.4	24.5	0	94	263	38	300	9451	0	-36.9	25.1	0	94	268	40	
500	5843	0	-9.2	17.5	0	95	275	20	500	5718	0	-16.0	29.5	0	84	258	16	500	5749	0	-13.3	34.2	0	86	265	18	
700	3165	0	5.5	21.8	0	90	273	9	700	3105	0	-3	31.1	0	68	244	7	700	3115	0	1.2	33.1	0	59	260	7	
850	1561	0	10.7	10.5	0	36	44	2	850	1533	0	6.0	15.3	0	36	213	3	850	1537	0	6.6	14.2					
1022	* 14		18.4	6.3					1018	* 37		8.5	3.1						961	* 522		7.2	6.8				
SW PACIFIC - AUSTRALIA GILES METEOROLOGICAL OFFICE 94461 JUL 2010 2502S 12810E OB /									SW PACIFIC - AUSTRALIA CHARLEVILLE AERO 94510 JUL 2010 2625S 14610E OB /									SW PACIFIC - AUSTRALIA BRISBANE AERO 94578 JUL 2010 2723S 15300E OB /									
030	23906	0	-57.0	31.7	0	7	34	1	030	23913	0	-57.1	31.7	1	17	353	2	030	23923	0	-56.9	31.7	5	35	338	4	
050	20709	0	-61.5	30.2	0	61	293	5	050	20719	0	-61.7	30.4	0	53	278	4	050	20718	0	-61.5	30.1	3	55	270	5	
100	16482	0	-68.5	21.4	0	95	273	21	100	16484	0	-67.4	23.6	0	96	274	24	100	16474	0	-66.1	24.4	3	96	273	23	
150	14034	0	-63.1	20.6	0	96	272	41	150	14029	0	-62.9	21.9	0	96	273	43	150	14002	0	-61.8	22.7	2	97	271	43	
200	12224	0	-52.8	22.2	0	95	274	46	200	12220	0	-53.7	19.6	0	95	274	50	200	12192	0	-53.7	20.5	1	95	269	51	
300	9505	0	-34.7	23.7	0	94	277	42	300	9513	0	-35.9	20.2	0	96	274	43	300	9490	0	-36.7	18.9	1	96	269	44	
500	5773	0	-11.9	28.2	0	97	274	22	500	5787	0	-12.3	19.9	0	97	277	23	500	5778	0	-12.7	23.6	1	96	269	23	
700	3129	0	1.5	22.6	0	78	280	8	700	3145	0	2.1	22.4	0	84	272	9	700	3142	0	.5	18.0	1	87	280	9	
850	1544	0	8.8	14.6	0	36	14	3	850	1558	0	8.3	11.9	0	28	327	2	850	1562	0	7.9	7.8	1	28	261	2	
953	* 599		10.5	7.8					988	* 306		12.3	11.5						1024	* 10		16.4	16.4				
SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 JUL 2010 3156S 11550E OB /									SW PACIFIC - AUSTRALIA KALGOORLIE-BOULDER AIRPORT 94637 JUL 2010 3047S 12120E OB /									SW PACIFIC - AUSTRALIA ESPERANCE 94638 JUL 2010 3350S 12150E OB /									
030	23888	0	-56.6	31.7	1	37	250	4	030	23890	0	-56.6	31.8	7	14	243	2	030	23867	0	-56.1	31.7					
050	20664	0	-59.1	31.0	0	87	263	9	050	20670	0	-59.2	31.1	5	85	269	8	050	20643	0	-59.0	30.7					
100	16352	0	-61.7	29.3	0	96	260	25	100	16368	0	-62.6	29.3	1	95	266	24	100	16306	0	-58.9	29.9					
150	13815	0	-56.3	29.8	0	95	262	38	150	13836	0	-56.9	30.0	1	96	264	38	150	13741	0	-54.0	31.2					
200	11967	0	-50.9	28.2	0	95	261	45	200	11989	0	-51.2	28.6	0	95	265	45	200	11878	0	-50.4	29.6					
300	9287	0	-41.9	22.5	0	93	263	35	300	9307	0	-41.5	24.1	0	92	266	37	300	9221	0	-45.0	19.2					
500	5670	0	-19.1	26.1	0	84	256	15	500	5679	0	-18.1	28.9	0	79	262	16	500	5638	0	-20.7	22.9					
700	3082	0	-2.4	25.0	0	70	253	8	700	3088	0	-2.2	24.8	0	62	264	7	700	3068	0	-3.8	19.3					
850	1524	0	3.7	3.4	0	65	259	6	850	1527	0	3.7	8.8	0	47	276	4	850	1514	0	3.2	5.8					
1020	* 20		7.5	2.1					979	* 370		5.5	3.3						1018	* 27		8.6	2.5				

UPPER AIR

JULY 2010

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 EUCLA 94647 JUL 2010 3141S 12850E OB									SW PACIFIC - AUSTRALIA WOOMERA AERODROME 94659 JUL 2010 3109S 13640E OB /									SW PACIFIC - AUSTRALIA ADELAIDE AIRPORT 94672 JUL 2010 3457S 13830E OB /									
030	23899	0	-56.8	31.8	6	29	269	3	030	23891	0	-56.2	31.5	0	23	282	3	030	23886	0	-55.7	32.1	4	54	281	7	
050	20678	0	-59.3	31.1	3	93	273	9	050	20678	0	-59.6	30.1	0	79	271	10	050	20648	0	-58.7	31.1	1	83	275	11	
100	16359	0	-60.7	30.3	0	97	276	22	100	16375	0	-61.5	28.4	0	95	274	23	100	16301	0	-57.9	31.0	0	98	274	22	
150	13811	0	-55.6	31.2	0	97	274	36	150	13840	0	-56.9	28.8	0	95	275	39	150	13727	0	-53.8	31.8	0	96	274	31	
200	11962	0	-51.2	28.7	0	96	273	45	200	11999	0	-51.6	26.9	0	96	275	48	200	11867	0	-51.1	29.2	0	95	278	36	
300	9284	0	-42.3	21.8	0	93	272	35	300	9315	0	-41.3	19.1	0	95	277	41	300	9211	0	-45.6	21.3	0	85	276	25	
500	5674	0	-20.0	24.2	0	73	274	13	500	5687	0	-18.8	24.4	0	84	280	16	500	5640	0	-21.9	22.9	1	71	281	11	
700	3096	0	-3.2	25.3	0	59	271	6	700	3102	0	-3.1	23.8	0	71	281	7	700	3081	0	-5.1	19.0	2	52	289	6	
850	1539	0	3.5	3.0	0	45	261	3	850	1544	0	3.5	11.8	0	35	270	3	850	1534	0	2.3	5.6	1	51	288	4	
1012	* 102		8.2	3.6					1005	* 168		8.7	3.9					1024	* 8		10.0	2.9					
SW PACIFIC - AUSTRALIA COBAR MO 94711 JUL 2010 3129S 14550E OB /									SW PACIFIC - AUSTRALIA WILLIAMTOWN RAAF 94776 JUL 2010 3248S 15150E OB /									SW PACIFIC - INDONESIA MEDAN/POLONIA 96035 JUL 2010 0334N 09841E OB /									
030	23900	0	-56.6	31.7	5	39	292	5	030									030	23898	0	-53.4		9	58	105	10	
050	20689	0	-60.5	30.5	3	73	271	8	050	20687	0	-60.1	30.8	6	69	275	8	050	20691	0	-65.7	25.2	9	93	108	25	
100	16387	0	-61.7	29.0	1	96	275	24	100	16366	0	-60.4	29.9	0	96	272	23	100	16573	0	-78.3	12.0	9	94	99	21	
150	13857	0	-56.9	29.5	1	98	275	39	150	13822	0	-56.1	30.1	0	96	274	37	150	14194	0	-64.2	22.0	9	94	91	23	
200	12020	0	-52.5	26.3	0	96	274	49	200	11977	0	-52.0	25.8	0	96	270	46	200	12402	0	-52.6	25.2	7	87	100	19	
300	9341	0	-41.1	19.9	0	93	276	41	300	9302	0	-42.2	19.3	0	93	270	38	300	9658	0	-30.3	8.1	4	92	104	14	
500	5701	0	-17.9	26.6	0	84	274	17	500	5680	0	-19.4	22.2	0	82	274	15	500	5836	0	-5.9	4.2	2	50	94	3	
700	3108	0	-2.8	28.0	0	57	276	6	700	3101	0	-4.3	15.5	0	64	270	7	700	3123	0	9.0	5.6	1	63	302	4	
850	1551	0	4.1	10.3	0	25	293	2	850	1547	0	4.1	4.4	0	41	243	4	850	1485	0	18.3	18.0	1	47	278	2	
994	* 264		9.7	3.5					1024	* 10		12.1	2.9					1005	* 25		26.3	3.9					
SW PACIFIC - INDONESIA JAKARTA/SOEKARNO-HATTA 96749 JUL 2010 0607S 10630E OB /									SW PACIFIC - INDONESIA UJUNG PANDANG/HASANUDDIN 97180 JUL 2010 0504S 11930E OB /									W PACIFIC - MALAYSIA (SABAH AND SARAWAK) BINTULU 96441 JUL 2010 0312N 11300E OB 3									
030	23829	0	-55.1	30.8	9	95	87	11	030	23731	0	-56.5			8	96	75	18	030	23858	0	-53.9	35.2	3	60	111	8
050	20690	0	-65.5	19.1	8	99	90	24	050	20569	0	-66.9			6	98	90	21	050	20663	0	-65.9	22.8	2	99	91	29
100	16607	0	-79.7	9.6	3	93	87	12	100	16518	0	-80.8			3	88	90	9	100	16581	0	-79.5	11.8	1	92	83	16
150	14232	0	-68.3	8.8	2	64	69	9	150	14181	0	-67.9			2	73	60	9	150	14200	0	-68.7	9.7	0	95	70	21
200	12444	0	-53.2	8.0	3	27	68	14	200	12395	0	-53.5			2	77	55	10	200	12414	0	-53.5	8.6	0	93	74	18
300	9698	0	-30.6	11.7	3	91	89	10	300	9666	0	-31.0	5.8		2	82	80	8	300	9686	0	-29.8	8.6	0	91	91	12
500	5866	0	-5.2	5.8	2	89	83	6	500	5855	0	-6.5	3.9		2	94	85	9	500	5842	0	-4.9	4.7	0	83	104	8
700	3145	0	9.5	4.2	0	83	81	5	700	3138	0	8.4	2.9		2	90	85	7	700	3118	0	9.6	5.2	0	40	134	3
850	1504	0	18.3	3.1	0	77	93	5	850	1502	0	16.8	1.9		1	25	85	4	850	1486	0	18.6	6.2	0	38	214	3
1009	* 8		26.4	26.1					1009	* 14		25.7	1.8					1006	* 5		25.9	5.5					

UPPER AIR

JULY 2010

LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND				LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps					
SW PACIFIC - MALAYSIA (SABAH AND SARAWAK KOTA KINABALU 96471 JUL 2010 0556N 11600E OB 3									W PACIFIC - MALAYSIA (SABAH AND SARAWAK TAWAU 96481 JUL 2010 0416N 11750E OB 3																						
030	23853	0	-55.4	20.4	9	89	81	18	030	23874	0	-53.9	32.0	5	76	102	12														
050	20668	0	-65.1	13.0	9	99	90	29	050	20670	0	-64.9	19.7	5	99	89	30														
100	16583	0	-79.9	7.1	6	86	78	16	100	16592	0	-80.1	9.2	2	90	83	14														
150	14213	0	-68.8	6.3	6	88	65	16	150	14215	0	-68.8	8.3	2	89	71	16														
200	12426	0	-53.3	5.8	6	85	71	13	200	12432	0	-53.7	7.5	1	90	75	14														
300	9693	0	-29.6	5.3	6	86	87	10	300	9699	0	-30.0	7.6	0	94	89	12														
500	5846	0	-4.8	3.3	6	82	105	8	500	5858	0	-4.8	5.7	1	93	103	10														
700	3120	0	10.1	3.0	6	64	123	5	700	3129	0	9.8	4.5	1	80	116	7														
850	1481	0	18.6	2.9	6	54	186	4	850	1496	0	18.5	4.2	1	55	115	4														
1009	* 3		26.1	2.8					1009	* 20		26.3	3.7																		

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
<div style="display: flex; justify-content: space-between;"> <div style="width: 100%; border-left: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> </div> </div>									<div style="display: flex; justify-content: space-between;"> <div style="width: 100%; border-left: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> </div> </div>									<div style="display: flex; justify-content: space-between;"> <div style="width: 100%; border-left: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> <div style="border-bottom: 1px solid black; height: 30px;"></div> </div> </div>								

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	08359	C	ALICANTE	SPAIN
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
76805	CT	ACAPULCO, GRO.	MEXICO	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
41480	C	ADEN	YEMEN	16665	C	ANCHIALOS (AIRPORT)	GREECE
65585	C	ADIAKE	COTE D'IVOIRE	16682	C	ANDRAVIDA (AIRPORT)	GREECE
60620	C	ADRAR	ALGERIA	91568	C	ANEITYUM	VANUATU
76679	T	AEROP. INTERNACIONAL MEXICO,	MEXICO	10291	C	ANGERMUENDE	GERMANY
17190	C	AFYON	TURKEY	70232	C	ANIAK	USA
61024	C	AGADEZ	NIGER	17130	CT	ANKARA/CENTRAL	TURKEY
37893	C	AGDAM	AZERBAIJAN	60360	C	ANNABA	ALGERIA
62055	C	AGEDABIA	LIBYAN ARAB JAMAHIR	17300	C	ANTALYA	TURKEY
42261	C	AGRA	INDIA	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
03917	C	ALDERGROVE	U KINGDOM	86218	C	ASUNCION/AEROPUERTO	PARAGUAY

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65376	C	ATAKPAME	TOGO	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.	15085	C	BISTRITA	ROMANIA
35700	CT	ATYRAU	KAZAKHSTAN	13583	C	BITOLA	MACEDONIA
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	31510	CT	BLAGOVESCEMSK	RUSSIAN FEDERATION
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	31174	C	BOL'SHOJ SHANTAR	RUSSIAN FEDERATION
29328	C	BAKCHAR	RUSSIAN FEDERATION	31253	C	BOMNAK	RUSSIAN FEDERATION
30612	C	BALAGANSK	RUSSIAN FEDERATION	10519	C	BONN-ROLEBER	GERMANY
10675	C	BAMBERG	GERMANY	07510	CT	BORDEAUX MERIGNAC	FRANCE
71122	C	BANFF CS, ALTA	CANADA	64605	C	BOSSEMBELE	CENTRAL AFRICAN REP
08181	C	BARCELONA/AEROPUERTO	SPAIN	07255	C	BOURGES	FRANCE
07790	C	BASTIA	FRANCE	08575	C	BRAGANCA	PORTUGAL
37484	C	BATUMI	GEORGIA	07110	CT	BREST	FRANCE
91557	CT	BAUERFIELD (EFATE)	VANUATU	16061	C	BRIC DELLA CROCE	ITALY
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
60402	C	BEJAIA-AEROPORT	ALGERIA	15420	C	BUCURESTI BANEASA	ROMANIA
43198	C	BELGAUM/SAMBRE	INDIA	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
64600	C	BERBERATI	CENTRAL AFRICAN REP	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
12295	C	BIALYSTOK	POLAND	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	10496	C	COTTBUS	GERMANY
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
16560	T	CAGLIARI ELMAS	ITALY	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
98548	C	CATBALOGAN	PHILIPPINES	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
23914	C	CHERDYN'	RUSSIAN FEDERATION	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	31873	C	DAL'NERECHENSK	RUSSIAN FEDERATION
21946	C	CHOKURDAH	RUSSIAN FEDERATION	40080	CT	DAMASCUS INT. AIRPORT	SYRIAN ARAB REP
16624	C	CHRYSOPOULI (AIRPORT)	GREECE	04320	CT	DANMARKSHAVN	GREENLAND
47101	C	CHUNCHEON	REP 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
85041	C	COBIJA	BOLIVIA	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
61832	C	CONAKRY/GBESSIA	GUINEA	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	GZYLYARBAT	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	INUKJUAK 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	KEFALHIA (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	RUSSIA
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	STUTTGART-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	RUSSIA	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

These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

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

Climatological Data

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

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

Storm Data

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

Monthly Climatic Data for the World

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

Local Climatological Data

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

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