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MONTHLY

CLIMATIC

DATA

FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

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

A handwritten signature in cursive script that reads "Thomas R. Karl".

Director
National Climatic Data Center

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Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

PREFACE

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

REFERENCE NOTES

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

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

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

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

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

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

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

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

SURFACE DATA TABLES

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

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

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

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

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

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

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

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

UPPER AIR DATA TABLES

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

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

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

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

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PUBLICATION STAFF

William Angel, Meteorologist

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SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
EUROPE																
NORWAY																
01001 JAN MAYEN	7056N	00840W	9		1005.4	1006.6	2.1	2.0	6.2	1.0	10	43	-39	2		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1007.4	1011.2	-6.2	-7	2.8	-7	2	13	0	3		
01025 TROMSO/LANGNES	6941N	01855E	10		1005.5	1006.5	4.5	1.3	7.5	1.2	18	96	-33	2	41	
01028 BJORNØYA	7431N	01901E	16		1004.9	1006.9	.9	1.4	5.7	.4	6	45	1	3		
01098 VARDØ	7022N	03106E	15		1004.0	1005.8	4.3	1.9	7.5	1.2	13	74	16	5		
01152 BODØ VI	6715N	01422E	20		1005.9	1007.4	6.8	1.5	8.1	1.1	16	138	-9	3	63	
01241 ORLAND III	6342N	00936E	7		1007.4	1008.5	7.0	.1	8.3	-1	15	123	-8	3		
01317 BERGEN/FLORIDA	6023N	00520E	36		1006.4	1010.7	8.7	.0	9.9	.9	22	220	-51	2		
01384 OSLO/GARDERMOEN	6012N	01105E	204		984.9	1011.9	5.3	.6	7.1	-1	10	87	-13	3		
01415 STAVANGER/SOLA	5853N	00538E	9		1010.3	1011.3	9.4	.6	9.0	-3	19	169	21	4		
SWEDEN																
02080 KARESUANDO	6826N	02230E	325		967.1	1007.7	.6	2.2	5.7	.6	7	52	8	4	73	
02128 GUNNARN	6458N	01742E	281				2.5	.8			7	63	17	5		
02196 HAPARANDA	6550N	02409E	6		1007.8	1008.5	3.7	1.2	7.0	.5	9	48	-16	2	77	
02226 FROSON	6312N	01430E	360		965.1	1010.5	3.8	.0	7.0	.2	8	56	19	5	91	
02366 TIMRA/MIDLANDA	6231N	01727E	7		1009.5	1010.0	4.5	.0	7.3	.2	9	68	16	4		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		998.9	1012.1	7.4	.9	8.4	-1	10	57	-10	3	113	120
02512 GÖTEBORG/SAVE	5747N	01153E	16		1010.5	1012.7	8.2	-3	9.4	-2	11	105	21	4	72	77
02550 JONKÖPING/AXAMO	5745N	01405E	218		985.5	1013.0	6.3	-1	8.4	.0	14	52	-11	3		
02590 VISBY FLYGPLATS	5740N	01821E	41		1006.4	1012.4	8.7	.6	9.5	-1	12	47	-3	3	77	73
FINLAND																
02801 KILPISJARVI	6903N	02047E	476		949.0	1008.0	.9		5.7		11	55		5		
02805 KEVO	6945N	02702E	101		994.5	1007.1	1.7		6.4		14	71		5	34	
02836 SODANKYLÄ	6722N	02639E	179		985.8	1008.1	1.8	2.0	6.3		8	41	-10	3	43	
02869 KUUSAMO	6558N	02911E	263		975.7	1008.4	2.3	2.2	6.7		14	67	15	4		
02875 OULU	6456N	02522E	15		1007.0	1008.8	4.4	1.4	7.4		8	43	1	4	58	
02897 KAJAANI	6417N	02741E	136		992.5	1008.9	4.6	2.2	7.7		10	41	-4	3		
02929 JOENSUU	6240N	02938E	117		995.1	1009.8	5.2	2.0	8.0		10	62	3	4	24	
02935 JYVASKYLÄ	6224N	02541E	145		991.3	1009.4	5.1	1.7	8.0		17	113	57	6	28	
02942 NIINISALO	6151N	02228E	136		994.9	1010.0	5.2	1.2	8.6		16	117	63	6		
02963 JOKIOINEN	6049N	02330E	103		997.5	1010.4	5.8	1.1	8.0		15	109	51	5	57	70
02972 TURKU	6031N	02216E	59		1003.1	1010.5	6.7	1.0	8.4		13	125	56	5	70	78
02974 HELSINKI-VANTAA	6019N	02458E	56		1003.7	1010.8	6.7	1.3	8.3		16	98	25	4	67	75
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		998.9	1008.9	8.8	.6	9.6		21	156	22	4	60	100
03026 STORNOWAY	5813N	00619W	13		1006.6	1008.4	10.0	.9	10.3		20	132	-6	3	85	106
03066 KINLOSS	5739N	00334W	7		1009.2	1009.8	10.2	.8	9.6		12	27	-29	1	75	89
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		1002.6	1010.5	10.0	1.0	9.9		14	68	-9	3	70	75
03100 TIREE	5630N	00653W	12		1008.2	1009.6	11.2	.9	10.5		14	104	-38	2	81	104
03160 EDINBURGH AIRPORT	5557N	00321W	41		1006.8	1011.1	10.4	.9	9.8		4	23	-42	1	99	115
03162 ESKDALEMUIR	5519N	00312W	242		983.1	1012.4	8.3	.2	9.6		15	106	-58	2	69	95
03257 LEEMING	5418N	00132W	40		1008.7	1012.6	10.3	.3	10.4		9	47	-4	3	100	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.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
03302 VALLEY	5315N	00432W	11		1010.8	1012.0	11.7	.2	11.0		12	59	-32	2	129	125
03334 MANCHESTER AIRPORT	5321N	00217W	68		1004.6	1012.9	11.1	.5	10.6		13	71	-6	3	123	127
03377 WADDINGTON	5310N	00031W	68		1005.2	1013.4	10.7	.4	10.5		11	94	47	5	125	121
03502 ABERPORTH	5208N	00434W	133		996.9	1012.9	11.3	.3	11.0		13	85	-16	3	119	123
03740 LYNEHAM	5130N	00159W	145		996.5	1014.0	10.6	.2	10.5		11	51	-13	3	161	161
03797 MANSTON	5121N	00121E	55		1009.3	1014.6	12.0	.4	11.3		8	53	-9	3	157	133
03808 CAMBORNE	5013N	00519W	88		1003.0	1013.5	12.2		11.9		9	34		0	144	135
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1012.9	1014.2	11.0	.0	11.1		9	78	-2	3	155	141
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1002.8	1011.0	10.8	.9	10.7		13	43	-45	1	99	116
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1008.1	1011.7	11.8	.0	11.5	-.3	15	101	-56	2	72	90
03955 CORK AIRPORT	5151N	00829W	162		992.3	1011.8	11.1	.8	11.4	.1	12	74	-52	2	110	125
03957 ROSSLARE	5215N	00620W	25		1009.2	1012.2	12.2	.7	11.8	.1	9	56	-39	2	133	130
03962 SHANNON AIRPORT	5242N	00855W	20		1009.0	1011.4	11.5	.4	11.6	.2	13	54	-39	2	95	115
03967 CASEMENT AERODROME	5318N	00626W	93		1000.3	1011.6	10.4		10.8		11	49			109	110
03969 DUBLIN AIRPORT	5326N	00615W	85		1001.6	1011.9	10.3	-.3	10.5	-.3	6	31	-39	1	108	110
03973 CONNAUGHT AIRPORT	5345N	00849W	209		985.5	1010.7	9.1		10.5		16	82			80	
03976 BELMULLET	5414N	01000W	10		1009.0	1010.2	11.5	.5	11.7	.5	17	77	-57	1	83	100
03980 MALIN HEAD	5522N	00720W	25		1007.2	1010.2	11.3	.5	10.8	.0	12	81	-38	2	77	100
ICELAND																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		997.1	1003.1	5.7		7.6		13	182		5		
04030 REYKJAVIK	6408N	02156W	61		995.7	1003.2	5.6	1.2	7.3	.4	14	115	30	5	83	
04063 AKUREYRI	6541N	01805W	27		1001.9	1005.3	3.8	.8	6.4	.1	13	76	18	4	68	
04082 AKURNES	6418N	01513W	21		1001.7	1004.3	5.8		7.4		16	102		6		
GREENLAND																
04210 UPERNAVIK	7247N	05610W	122			1009.8	-4.9		2.7							
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1008.3	-2.3	-.1	3.8		6	21	-7			
04250 NUUK (GODTHAAB)	6410N	05145W	70			1004.5	-.2	.4	4.4		11	62	-8			
04312 STATION NORD AWS	8136N	01641W	36			1015.3	-19.9	-.5	.6							
04320 DANMARKSHAVN	7646N	01840W	12			1016.2	-14.5	-.9	1.3		2	7	-5			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1012.2	-4.5		3.3		11	80	60			
04360 TASIILAQ (AMASSALIK)	6536N	03738W	52			1005.8	1.5	2.3	5.7		10	70	-16			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1001.7	2.1	1.0	5.3		14	213	-3			
DENMARK & FAROE IS.																
06011 THORSHAVN	6201N	00646W	55			1006.0	8.2	.7	9.2		21	167	-10			
06030 AALBORG	5706N	00951E	13			1012.7	8.4	-.5	10.0		13	61				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1014.2	9.7		10.3		8	44				
06190 ROENNE	5504N	01445E	16			1014.8	10.0	.0	11.0		8	41				
NETHERLANDS																
06235 DE KOOY	5255N	00447E	14		1014.6	1014.7	11.6	.3	11.7	.3	9	88	4	3	133	136
06260 DE BILT	5206N	00511E	15		1015.3	1015.6	10.6	.1	11.2	.1	9	43	-31	2	117	114
BELGIUM																
06447 UCCLLE	5048N	00421E	104		1003.9	1016.1	10.7	.3	11.2	-.2	11	47	-23	2	120	105

SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
LUXEMBOURG																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		972.9	1018.1	9.1		9.6		10	62	-12	3	119	110
SWITZERLAND																
06660 ZURICH (TOWN/VILLE).	4723N	00834E	569		951.9	1019.0	9.5	.4	10.0	.3	8	52	-17	3	107	103
06680 SAENTIS	4715N	00921E	2500		752.1	3075 Z	1.1	.1	4.7	.4		0104	-067	1	160	86
06700 GENEVE-COINTRIN	4615N	00608E	416		969.6	1018.8	11.4	1.5	11.0	1.3	10	135	62	5	86	75
06770 LUGANO	4600N	00858E	276		986.1	1018.9	13.0	1.1	12.1	1.4	11	235	89	5	133	88
FRANCE																
07110 BREST	4827N	00425W	99		1002.5	1013.9	12.0	-.2	12.7		13	133	23	2	104	85
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1005.9	1013.9	15.8	.1	13.7	-.5	14	120	16	4		
08003 MONTEFARO	4327N	00817W	244		986.3	1014.6	14.3		9.8		16	101			122	
08015 OVIEDO	4321N	00552W	339		974.3	1014.0	14.1	.0	13.0	.6	11	72	-21	3	126	93
08023 SANTANDER	4328N	00348W	59		1008.4	1015.4	16.5	.4	14.1	.3	12	62	-65	2	138	104
08027 SAN SEBASTIAN/IGUELDO	4318N	00203W	259		984.5	1014.9	15.8	.6	13.4	.2	8	50	-90	2	149	111
08045 VIGO/PEINADOR	4213N	00838W	255		985.3	1015.7	14.9	.0	13.9	.0	14	268	65	4	128	83
08075 BURGOS/VILLAFRIA	4222N	00338W	891		915.0	1503 Y	11.7	.6	10.5	.0	13	105	60	5	122	76
08084 LOGRONO/AGONCILLO	4227N	00220W	363		974.0	1016.5	14.0	-.4	11.9	.2	5	18	-10	2	140	81
08141 VALLADOLID	4139N	00446W	739		931.0	1015.2	13.3	.3	11.4	1.3	17	107	72	6	141	77
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		985.5	1015.8	15.8	.4	12.9	.4	7	21	-8	3	158	81
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1015.7	1016.2	18.5	1.4	15.7	.6	6	74	-19	3	185	102
08184 GERONA/COSTA BRAVA	4154N	00246E	129		1002.2	1017.3	16.4	1.0	14.6	.8	3	65	-14	3	162	96
08202 SALAMANCA/MATACAN	4057N	00530W	795		925.6	1016.3	12.7	.4	10.8	-.2	12	80	44	5	131	70
08221 MADRID/BARAJAS	4027N	00333W	582		948.7	1015.4	15.3	.8	11.6	.5	13	76	39	5	144	71
08238 TORTOSA	4049N	00030E	50		1009.8	1015.7	18.5	.1	15.4	.6	6	36	-56	2	155	81
08261 CACERES	3928N	00620W	405		970.6	1017.6	16.5	-.7	13.6	2.2	16	223	172	6	164	80
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		932.7	1012.5	15.2	1.1	12.1	.5	9	33	-7	3	143	71
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1009.3	1016.6	19.2	1.0	15.6	.9	6	43	-43	3	155	78
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1016.5	1017.1	19.4	1.8	16.9	.3	2	25	-37	2	206	99
08314 MENORCA/MAHON	3952N	00414E	82		1006.6	1016.6	20.8	2.3	17.5	1.1	4	31	-52	1	203	105
08330 BADAJOZ/TALavera LA REAL	3853N	00649W	192		994.0	1015.5	17.9	.5	14.7	1.2	13	151	94	5	165	78
08348 CIUDAD REAL	3859N	00355W	629		944.4	1016.3	16.1	1.3	13.1	1.0	13	138	96	6	161	81
08359 ALICANTE	3822N	00030W	82		1007.1	1016.7	20.1	.9	16.4	.9	7	37	-29	3	156	70
08373 IBIZA/ES CODOLA	3852N	00123E	12		1014.2	1016.2	20.8	1.1	18.8	1.5	7	66	0	3		
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1011.8	1015.4	20.5		11.6		15	246		6	158	70
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1006.0	1016.7	19.4	.9	16.5	2.3	13	197	129	5	159	79
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1016.3	1016.6	20.0	1.3	19.9	3.3	5	29	-30	3	166	88
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1013.7	1016.8	20.4	1.2	17.8	2.3	11	194	133	5	181	80
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1015.6	1016.4	20.1	1.0	18.2	2.7	6	70	16	4	176	83
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1013.3	1015.7	21.1	1.2	17.0	.7	7	46	18	4	164	75
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	0		1016.7	1017.3	19.7		18.4		13	149		5	144	
PORTUGAL																

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1009.0	1021.0			16.9	-.5	7	38	-46	2		
08535 LISBOA/GEOP	3843N	00909W	95		1003.7	1014.9	18.1	-.4	16.1	.8	14	213	133	5	172	81
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1003.2	1015.1	14.7	-1.5	13.6	-1.1	14	253	122	5	115	63
08558 EVORA/C. COORD	3832N	00754W	246		986.4	1015.1	16.7		14.5		13	156			124	
08575 BRAGANCA	4148N	00644W	692		936.1	1016.1	13.2	.1	11.6	.7	16	173	103	5	120	65
GERMANY																
10035 SCHLESWIG	5432N	00933E	48		1009.4	1015.1	9.4	.0	10.4	.0	18	86	-4	3	108	111
10055 WESTERMARKELSDORF	5432N	01104E	9		1013.9	1014.9	10.6		10.6		8	38			137	125
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	15		1013.8	1015.6	9.7	.0	10.1	-.3	13	30	-33	2	112	112
10162 SCHWERIN	5339N	01123E	68		1007.4	1015.6	9.5		10.5		10	29		2	113	110
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1013.6	1015.1	10.2	.3	10.1	-.5	11	38	-4	3	106	102
10184 GREIFSWALD	5406N	01324E	6		1014.8	1015.5	9.2		10.1		12	34			106	95
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1014.4	1015.0	10.0		10.9		13	47		2	125	125
10270 NEURUPPIN	5254N	01249E	39		1011.3	1016.8	9.8		10.6		9	26		3	112	115
10280 NEUBRANDENBURG	5333N	01312E	80		1006.3	1016.1	9.1		10.6		17	43			101	95
10338 HANNOVER	5228N	00941E	59		1009.1	1016.3	10.0	.3	10.2	-.2	7	36	-6	4	105	104
10361 MAGDEBURG	5208N	01136E	85		1006.9	1017.3	9.7		9.8		5	132		1	121	110
10379 POTSDAM	5223N	01304E	100		1005.1	1017.3	9.5	.1	10.0	-.1	4	7	-29	1	128	112
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1011.3	1017.3	10.1		10.1		7	17			121	105
10393 LINDENBERG	5213N	01407E	104		1004.7	1017.4	9.4	.1	10.0	.2	8	19	-20	2	120	104
10438 KASSEL	5118N	00927E	233		989.2	1017.3	9.0	-.3	9.9	-.1	9	42	-4	3	82	84
10453 BROCKEN	5148N	01037E	1153		883.9	1469 Y	3.5		7.6		19	155			86	80
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		999.8	1017.8	9.7		9.9		5	19		2	107	100
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		990.2	1018.3	9.4		9.6		6	28			97	75
10499 GOERLITZ	5110N	01457E	240		989.0	1017.7	9.0	-.2	9.4	-.2	12	33	-12	3	107	85
10548 MEININGEN	5034N	01023E	453		964.2	1018.4	7.6		9.1		10	22		1	109	105
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		979.2	1017.9	8.5		9.5		6	12			109	95
10578 FICHTELBERG	5026N	01257E	1215		878.8	1484 Y	3.3	-1.2	7.4	.2	11	62	-8	3	81	62
10609 TRIER-PETRISBERG	4945N	00640E	273		984.4	1017.3	9.9	.1	10.2	-.1	8	59	-6	3	115	112
10628 GEISENHEIM	4959N	00757E	123		1003.2	1018.1	10.2	.2	9.9	-.4	6	40	-2	3	118	122
10727 KARLSRUHE	4902N	00822E	145		1000.9	1018.4	10.5	.1	10.5	-.1	8	49	-9	3	143	128
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		971.9	1018.5	9.3		9.6		10	40		3	133	
10763 NUERNBERG	4930N	01103E	318		981.1	1019.2	8.7	-.3	9.5	.1	7	29	-16	2	125	102
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		966.5	1019.8	8.9	.7	9.9	.8	3	33	-16	2	130	109
10929 KONSTANZ	4741N	00911E	447		965.7	1018.7	9.7	.0	10.8	.5	10	41	-13	3	123	124
10946 KEMPTEN	4743N	01020E	705		936.4	1019.1	7.7		8.9		7	33			125	85
10961 ZUGSPITZE	4725N	01059E	2962		709.4	3068 Z	-2.2	-.1	3.8	.1	10	60	-49	2	187	99
10962 HOHENPEIßENBERG	4748N	01101E	986		905.6	1505 Y	7.8	-.2	8.5	.0	8	42	-29	2	143	95
AUSTRIA																
11028 ST. POELTEN	4811N	01537E	284		984.9	1019.0	9.5		10.0	.5	6	31	-6	3	125	98
11035 WIEN/HOHE WARTE	4814N	01621E	209		994.0	1019.0	10.7		10.1	.3	3	15	-26	2	136	99
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		949.5	1018.9	10.2		10.0		5	55		3	170	115
11146 SONNBLICK	4703N	01257E	3111		695.5	3051 Z	-2.8		3.8	.0	11	79	-51	2	177	101
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		966.0	1019.3	9.4		9.5	.0	6	51	-16	3	140	100
11155 FEUERKOGEL	4749N	01344E	1621		836.9	1493 Y	4.6		6.4		12	65		1	126	80
11212 VILLACHERALPE	4636N	01340E	2160		786.0	1523 Y	2.2		5.8		9	132		3	146	90
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		964.0	1020.4	9.7		10.3	.9	5	97	26	4	145	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.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		978.6	1019.8	10.7		11.1	1.2	5	29	-29	2	119	88
CZECH REPUBLIC																
11406 CHEB	5005N	01224E	471		962.9	1019.2	7.6	-.2	8.8	-.1	9	23	-14	2	105	102
11423 PRIMDA	4940N	01240E	748		931.2		6.0		8.8		9	27		2	97	85
11464 UTTARKASHI	3044N	07827E	9		920.5		5.5		8.3		8	23		2	100	75
11487 KOCELOVICE	4928N	01350E	522		957.4	1019.6	7.7		8.7		4	17		1	111	95
11518 PRAHA/RUZYNE	5006N	01415E	380		975.6	1019.4	8.4	.1	9.2	.2	6	21	-9	3	113	94
11520 PRAHA-LIBUS	5000N	01427E	303		982.8	1019.4	9.2		9.3		7	21		3	104	90
11603 LIBEREC	5046N	01501E	399		971.1	1018.9	8.3		9.9		12	50		3	86	75
11659 PRIBYSLAV	4935N	01546E	536		955.9	1019.8	7.4		9.0		6	28		3	115	95
11723 BRNO/TURANY	4910N	01642E	246		989.9	1019.4	9.8	.7	10.2	1.1	5	15	-15	2	123	100
11782 OSTRAVA/MOSNOV	4941N	01807E	260		988.3	1019.7	8.8	-.1	9.5	.3	8	45		3	84	71
SLOVAKIA																
11903 SLIAC	4839N	01909E	315		982.0	1020.0	8.3	-.1	8.8	-.1	6	43	-7	4	96	80
11934 POPRAD/TATRY	4904N	02015E	695		937.5		7.0	.3	7.9	.3	6	40		2	121	76
POLAND																
12120 LEBA	5445N	01732E	2		1014.4	1015.1	9.2		9.7		11	87				
12160 ELBLAG	5410N	01926E	43		1010.6	1015.9	8.4		9.8		16	90				
12205 SZCZECIN	5324N	01437E	3		1015.5	1015.6	9.0	-.2	10.3	.2	8	35	-3			
12295 BIALYSTOK	5306N	02310E	151		998.4	1017.0	7.3	.1	8.9	-.1	10	39	-7			
12330 POZNAN	5225N	01650E	92		1006.7	1016.9	8.5	-.3	9.8	.2	12	46	7			
12375 WARSZAWA-OKECIE	5210N	02058E	107		1004.6	1017.7	8.3	.1	9.5	.1	11	41	4			
12424 WROCLAW II	5106N	01653E	121		1003.3	1018.0	9.4	.5	9.7	-.1	5	18	-22			
12497 WLODAWA	5133N	02332E	179		996.4	1018.1	7.7		9.2		10	35				
12566 KRAKOW	5005N	01948E	237		990.4	1019.3	8.7	.4	9.6	.2	12	93	47			
HUNGARY																
12843 BUDAPEST/LORINC	4726N	01911E	139		1003.2	1020.0	11.0	.0	10.0	.0	6	36	3	4	130	83
12882 DEBRECEN	4729N	02136E	109		1006.4	1019.8	10.5	.2	10.0	.1	6	20	-11	2	140	88
12942 PECS/POGANY	4606N	01814E	203		995.8	1020.2	11.6	.3	10.4	.4	3	25	-12	3	153	93
12982 SZEGED	4615N	02006E	83		1009.9	1020.0	11.2	.2	10.6	.8	3	16	-10	3	153	91
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		751.5	3083 Z	.8		5.1		10	413		5	146	
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		984.5	1019.9	11.8		11.1		9	87		3	128	
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		999.9	1019.4	13.0		10.9		4	108		5	140	105
14445 SPLIT/MARJAN	4331N	01626E	128		1002.6	1017.7	17.8		13.0		8	63		3	229	110
YUGOSLAVIA																
13274 BEOGRAD	4448N	02028E	132		1004.3	1020.2	12.4	.0	11.2	1.0	8	56	16	3	180	107
13463 PODGORICA-GRAD	4226N	01917E	50		1013.1	1019.1	17.6		12.8		6	94		2	220	105
ROMANIA																
15085 BISTRITA	4708N	02430E	367		976.1	1020.1	9.2	1.2	10.5	1.6	9	54	13	4	133	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.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
15090 IASI	4710N	02738E	104		1007.6	1020.3	10.5	.5	10.6	.9	6	46	21	5	132	85
15120 CLUJ-NAPOCA	4647N	02334E	413		971.0	1020.4	9.0	.5	9.7	.5	7	38	7	4	132	80
15247 TIMISOARA	4546N	02115E	88		1008.8	1019.5	11.5	.5	10.7	.4	3	23	-16	3	159	90
15260 SIBIU	4548N	02409E	444		967.5	1020.4	9.2	.3	10.2	1.0	9	63	21	5	128	80
15360 SULINA	4509N	02940E	9		1018.5	1019.6	13.6	.5	13.0	.2	2	10	-6	3	137	83
15420 BUCURESTI/IMH	4430N	02608E	91		1009.2	1020.1	10.6	-.2	11.4	1.1	7	82	50	5	151	85
15480 CONSTANTA	4413N	02838E	14		1018.8	1020.4	13.6	.5	13.7	1.2	8	59	28	5	140	77
BULGARIA																
15552 VARNA	4312N	02755E	43		1014.1	1019.3	14.4	1.0	12.9	1.0	5	45	9	4	170	104
15614 SOFIA (OBSERV.)	4239N	02323E	595		950.6	1020.3	11.4	.7	10.1	1.1	7	43	8	4	176	104
ITALY																
16045 UDINE/RIVOLTO	4559N	01302E	53		1012.3	1012.2	13.5		11.9		8	99	-25	3	82	63
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1009.7	1018.0	14.2		13.5		6	98	17	4	110	80
16110 TRIESTE	4539N	01345E	20		1015.6	1018.0	16.1		12.4		7	70	-16	3	148	89
16158 PISA/S. GIUSTO	4341N	01023E	6		1016.7	1017.4	16.3		15.5		9	130	10	4	144	82
16320 BRINDISI	4039N	01757E	10		999.9	1001.1	18.5		18.3		4	79	8	3	228	119
16325 MARINA DI GINOSA	4026N	01653E	12		1015.5	1016.9	19.1		19.5		3	22	-36	2		
16410 PALERMO BOCCADIFALCO	3806N	01318E	117		1003.8	1017.4	22.1		14.8		3	47		1		
16420 MESSINA	3812N	01533E	51		1011.6	1018.0	22.5		19.3		3	38	-70	1	218	115
16429 TRAPANI/BIRGI	3755N	01230E	14		1017.0	1018.1	21.2		21.7		2	7	-53	1	228	109
16560 CAGLIARI/ELMAS	3915N	00904E	5		1016.8	1017.4	20.0		17.1		3	12	-43	1	214	108
MALTA																
16597 LUQA	3551N	01429E	91		1010.2	1018.2	22.9	2.2	20.2	2.0	2	10	-79	0	229	100
GREECE																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1018.6	1019.1	19.0	2.9	11.0	-1.9	3	37	-3	3	173	105
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1016.8	1017.4	20.1	1.7	13.3	-2.3	6	72	-76	2	228	121
16648 LARISSA (AIRPORT)	3938N	02225E	74		1009.0	1017.8	18.2	2.1	10.3	-2.2	4	57	10	4	175	102
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1015.7	1017.5	21.8	2.5	16.6	2.5	2	30	-17	3	210	101
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1015.8	1016.8	20.9	2.1	12.8	-2.3	3	5	-94	0	268	131
16746 SOUDA (AIRPORT)	3529N	02407E	151		999.3	1017.1	21.4	2.4	12.5	-2.7	0	T	-80	0	249	129
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1012.1	1016.8	22.3	2.4	17.1	1.6	1	4	-64	1	254	129
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		1002.8	1019.2	14.8	.0	14.6	2.5	12	145	6	3	92	55
17030 SAMSUN	4117N	03618E	4		1018.5	1019.0	16.0	.4	13.2	-.5	11	58	-26	2	135	95
17034 GIRESUN	4055N	03823E	37		1014.0	1018.4	16.9	1.0	14.2	.3	17	197	38	4		
17040 RIZE	4102N	04031E	9		1016.8	1017.8	15.8	.4	15.2	1.0	17	409	137	5	123	115
17050 EDIRNE	4140N	02634E	51		1013.2	1019.3	15.5	1.7	12.3	1.0	3	7	-37	1	147	80
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1015.0	1018.9	17.3	2.0	15.4	2.0	6	33	-37	2	141	80
17074 KASTAMONU	4122N	03347E	800		926.5	1018.8	10.7	.5	9.3	.3	5	54	15	4	134	75
17084 CORUM	4033N	03457E	776		928.6	1017.9	12.0	.6	9.4	.9	5	31	1	3	162	90
17090 SIVAS	3945N	03701E	1285		873.9	1016.9	11.8	1.4	8.3	.6	5	46	14	4	170	85
17092 ERZINCAN	3945N	03930E	1218		880.2	1015.5	12.6	1.1	10.2	1.9	9	69	28	5	203	95
17096 ERZURUM	3957N	04110E	1758		825.3	1017.7	8.8	.8	5.7	-1.0	7	17	-28	1	191	85
17098 KARS	4037N	04306E	1775		822.8	1016.0	8.4	1.7	7.5	.9	6	20	-18	2	210	100

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
17112 CANAKKALE	4008N	02624E	6		1018.4	1019.0	17.4	1.8	14.8	1.3	3	18	-29	2	212	100
17116 BURSA	4011N	02904E	100		1007.0	1018.6	16.1	1.1	12.0	-2	6	55	-3	3	150	80
17130 ANKARA/CENTRAL	3957N	03253E	891		916.1	1016.9	13.9	1.3	9.6	1.2	5	43	17	4		
17170 VAN	3827N	04319E	1662		834.4	1014.5	11.6	1.5	8.7	1.5	7	82	34	5	229	100
17188 USAK	3841N	02924E	919		912.4	1015.9	14.7	1.7	10.9	1.3	8	35	-1	4		
17190 AFYON	3845N	03032E	1034		901.1		13.4	1.6	10.3	1.9	3	9	-28	1		
17199 MALATYA BOLGE	3821N	03819E	948		907.7	1013.3	16.2		8.4		4	25		3	241	110
17210 SIIRT	3755N	04157E	896		915.1	1014.5	18.6	1.0	9.5	.8	4	19	-33	2	227	100
17220 IZMIR/GUZELYALT	3826N	02710E	29		1013.1	1016.5	20.2	1.8	15.7	2.2	3	29	-11	3	227	95
17240 ISPARTA	3745N	03033E	997		904.2	1015.9	14.5	2.0	10.5	1.8	1	10	-26	2	253	110
17244 KONYA	3758N	03233E	1031		901.4	1017.2	13.5	1.5	7.3	-1.3	3	20	-11	2	228	105
17250 NIGDE	3758N	03441E	1210		882.2	1016.6	13.1	1.6	8.9	1.3	2	11	-12	2	232	100
17255 KAHRAMANMARAS	3736N	03656E	572		948.4	1007.3	20.9	2.3	13.6	2.8	2	11	-37	1	276	125
17270 SANLIURFA	3708N	03846E	549		950.6	1012.0	21.0	1.3	12.9	3.1	2	8	-24	2	232	90
17280 DIYARBAKIR	3753N	04012E	677		938.7	1014.5	16.7	-3	8.5	-1.2	3	3	-31	1	244	100
17285 HAKKARI	3734N	04346E	1728		829.0	1003.3	15.1	2.6	7.9	.6	6	103	33	4	235	105
17292 MUGLA	3713N	02822E	646		942.3	1015.6	17.6	1.9	12.9	2.2	1	11	-60	1	247	110
17300 ANTALYA	3642N	03044E	54		1006.2	1013.8	21.4	1.7	14.3	.2	2	20	-50	2	259	100
17340 MERSIN	3648N	03438E	3		1013.1	1013.5	23.3	3.2	20.9	4.6	2	19	-21	3	235	100
17351 ADANA/BOLGE	3659N	03521E	27		1012.1	1015.3	22.4		18.7		2	8		1	215	90
CYPRUS																
17609 LARNACA AIRPORT	3453N	03338E	2		1014.1	1014.3	23.1	1.8	17.7		1	5	-14		286	106
RUSSIAN FEDERATION (EUROPE)																
22113 MURMANSK	6858N	03303E	51		1000.7	1006.9	3.5	2.6	6.8	1.2	16	92	49	6	33	
22165 KANIN NOS	6839N	04318E	49		992.8	1005.8	4.2	2.8	7.6	1.7	19	76	21	5	19	
22550 ARHANGEL'SK	6430N	04044E	8		1008.2	1009.2	5.0	3.5	8.1	1.8	14	65	6	4	35	
22602 REBOLY	6350N	03049E	182		985.9	1008.1	4.3	2.2	7.2	.8	16	73	17	5	26	
22837 VYTEGRA	6101N	03627E	56		1005.0	1011.9	6.0	2.3	8.2	1.2	13	83	3	3	57	92
ESTONIA																
26038 TALLINN	5923N	02435E	34		1007.1	1011.7	7.4	1.1	8.9	.6	19	136	66	5	72	78
RUSSIAN FEDERATION (EUROPE)																
26063 ST. PETERBURG	5958N	03018E	6		1010.9	1011.6	7.2	1.5	8.9	1.0	15	82	15	5	62	89
ESTONIA																
26214 VILSANDI	5823N	02149E	6		1010.9	1011.9	9.1	.7	9.2	.0	17	104	37	5	81	80
26242 TARTU	5818N	02644E	68		1004.5	1013.1	6.7	1.0	8.7	.6	18	117	64	5	63	73
LATVIA																
26346 ALUKSNE	5726N	02702E	193		989.9	1013.5	5.8		8.3		18	97			59	70
RUSSIAN FEDERATION (EUROPE)																
26477 VELIKIE LUKI	5621N	03037E	106		1001.0	1013.6	7.1	1.8	8.6	.7	14	47	1		97	108
LITHUANIA																
26509 KLAJPEDA	5544N	02104E	7		1013.0	1013.9	9.0	.0	9.4	-.3					106	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.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
26629 KAUNAS	5453N	02350E	77		1005.6	1015.0	7.2	.1	9.0	.1	13	79	34		99	100
26730 VILNIUS	5438N	02506E	156		998.3	1015.5	6.8	.2	8.8	.4	16	56	3		74	79
BELARUS																
26850 MINSK	5356N	02738E	231		988.9	1015.9	6.9	.6	8.5	.3	9	24	-25	2	92	93
RUSSIAN FEDERATION (EUROPE)																
27037 VOLOGDA	5919N	03955E	130		997.5	1013.5	5.9	2.9	8.2	1.4	7	28	-22	1	68	110
27199 KIROV	5836N	04938E	158		995.9	1015.4	6.0		8.0		8	28		1	109	185
27595 KAZAN'	5536N	04917E	116		1003.2	1017.8	6.9	3.3	8.3	1.8	9	41	-7	3	111	132
27612 MOSKVA	5550N	03737E	156		996.7	1015.8	7.4	2.3	8.9	1.6	7	33	-26	1		
UKRAINE																
33345 KYIV	5024N	03034E	167		997.7	1018.1	8.2	.1	9.2	.5	8	52	17	6		
33393 L'VIV	4949N	02357E	323		980.1	1019.0	7.9	-1.1	9.0	.2	9	38	-9	3	95	64
33506 POLTAVA	4936N	03433E	160		999.1	1018.8	8.8	1.2	8.4	.2	4	19	-23	3		
33562 VINNYTSIA	4914N	02836E	298		983.3	1019.2	7.8	.2	9.1	.6	8	50	17	5	125	95
33587 UMAN'	4846N	03014E	216		993.2	1019.4	8.4	.8	8.7	.1	7	36	3	4		
33631 UZHHOROD	4838N	02216E	124		1005.3	1019.3	10.2	.0	9.9	.6	7	28	-22	3	121	80
33658 CHERNIVTSI	4822N	02554E	246		990.0	1019.5	9.2	.6	9.3	.5	11	49	16	4	109	77
REPUBLIC OF MOLDOVA																
33815 KISINEV	4701N	02859E	173		997.9	1019.6	10.5	.3	10.2	1.1	5	44	17	5	158	93
UKRAINE																
33837 ODESA	4626N	03046E	42		1014.6	1019.8	11.5	.3	11.1	.9	5	15	-11	3	151	89
33846 MIKOLAIV	4702N	03157E	50		1013.7	1019.8	10.4	.1	5.6	-3.8	5	23	2	3		
33889 IZMAIL	4522N	02851E	30		1016.0	1019.7	11.5	.5	11.2	1.1	6	29	4	4	142	105
33910 HENICHES'K	4610N	03449E	15		1016.8	1018.7	11.2	.4	11.4	.7	5	21	-4	3	119	73
33915 ASKANIIA-NOVA	4627N	03353E	30		1015.2	1018.9	10.1	.4	9.9	.7	4	21	-5	3	139	78
33946 SIMFEROPOL'	4441N	03408E	181		997.3	1019.0	10.7	-1.1	10.8	1.0	10	61	29	6	156	76
33983 KERCH	4524N	03625E	49		1012.3	1018.3	11.9	.5	11.6	1.0	8	43	16	6	150	82
33990 YALTA	4529N	03410E	72		1010.0	1018.6	13.8	.2	11.7	.7	13	73	35	6	124	75
RUSSIAN FEDERATION (EUROPE)																
34123 VORONEZ	5142N	03913E	149		999.6	1017.8	7.9		8.4		10	45		3		
34172 SARATOV	5134N	04602E	156		994.2	1018.7	6.9	1.4	8.1	1.2	7	30	-4	3	132	115
UKRAINE																
34300 KHARKIV	4958N	03608E	155		999.4	1018.2	8.8	1.5	8.3	.2	7	36	1	4	112	90
KAZAKHSTAN																
34398 ZHALPAKTAL	4940N	04929E	10		1017.1	1018.4	9.7	3.5	9.5	2.8	9	50	25			
UKRAINE																
34519 DONETS'K	4804N	03746E	225		990.9	1018.2	9.2	1.4	8.5		7	43	16	5		
RUSSIAN FEDERATION (EUROPE)																
34880 ASTRAHAN'	4617N	04803E	-23		1021.4	1018.9	11.9	2.7	10.9	2.4	6	62	45	6		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
ARMENIA																
37686 GUMRI	4047N	04350E	1529		847.8	1500 Y	10.4		7.8		7	39		3	202	97
37709 SEVAN	4033N	04456E	1937		810.0	1515 Y	8.3		6.5		7	41		2	215	103
37789 YEREVAN	4008N	04428E	907		891.1	1512 Y	14.2	1.0	8.6	-6	4	20	-6	3	243	115
SYRIAN ARAB REPUBLIC																
40001 KAMISHLI	3703N	04113E	455		961.4	1012.9	22.8	1.9	9.3	.0	1	87		0		
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		967.6	1011.4	20.7	1.3	12.7	.9	1	6	-16			
40022 LATTAKIA	3532N	03546E	7		1014.2	1015.0	23.0	.7	18.9	1.9	9	152	83	321	129	
40045 DEIR EZZOR	3519N	04009E	212		988.9	1013.5	23.4	2.5			0	0	-8			
40061 PALMYRA	3433N	03818E	404		966.4	1012.2	21.7	1.2	12.2	1.6	0	T	-10	286	109	
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		944.2	1012.8	19.4	1.3	11.0	1.4						
LEBANON																
40100 BEYROUTH (AEROPORT)	3349N	03529E	19		1011.2	1014.2	24.4	1.7	18.5		5	77	17	2	215	
40103 TRIPOLI	3427N	03548E	5		1013.8	1014.5	23.2		19.7		6	21		2		
ISRAEL																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1009.0	1013.7	23.8		20.5		0	T		1		
40199 EILAT	2933N	03457E	12		1012.1	1012.4	27.6	1.0	14.9		0	0	-3	3	296	100
JORDAN																
40250 H-4 'IRWAISHED'	3230N	03812E	688		936.6	1012.2	22.2		13.1		0	0		2	284	100
40310 MA'AN	3010N	03547E	1070		894.8	1508 Y	20.5	1.0	12.5	2.9	0	0	-3	2	311	107
ASIA																
RUSSIAN FEDERATION (IN ASIA)																
20046 POLARGMO IM. E.T. KRENKELJA	8037N	05803E	22		1005.6	1008.4	-11.5	.4	2.5	.0	7	32	7		14	
20069 OSTROV VIZE	7930N	07659E	10		1007.1	1008.4	-11.5	.7	2.6	.1	8	32	10	5	2	
20292 GMO IM.E.K. FEDOROVA	7743N	10418E	15		1008.9	1010.8	-11.7	1.4	2.4	.2	2	10	-14	1	24	
20674 OSTROV DIKSON	7330N	08024E	47		1001.0	1007.0	-7.1	1.2	3.5	.3	16	50	20	5	13	
20891 HATANGA	7159N	10228E	33		1005.9	1010.2	-12.7	-.4	2.4	.0	18	42	15	5	64	
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1015.3	1016.3	-10.2	2.3	2.6	.1	3	14	-2		11	
21946 CHOKURDAH	7037N	14753E	61		1009.9	1018.1	-10.2	2.6	2.7	.2	8	20	-4		36	
23205 NAR' JAN-MAR	6738N	05302E	12		1006.1	1007.6	1.5	3.6	6.5	1.5	16	75	32	5	21	
23219 HOSEDA-HARD	6705N	05923E	84		1007.8	1008.3	-1.0	3.1	5.9	1.5	14	78	33	3	33	
23330 SALEHARD	6632N	06640E	16		1008.4	1010.3	-1.0	3.9	5.4	1.4	10	34	-5		44	
23472 TURUHANSK	6547N	08756E	38		1008.5	1013.4	-4.8	1.4	4.2	.5	15	56	-9	2	63	
23552 TARKO-SALE	6455N	07749E	27		1008.8	1012.3	-5.3	.3	5.0	1.1	10	34	-14	0	48	
23804 SYKTYVKAR	6143N	05050E	119		997.7	1012.4	5.1	4.6	7.9	2.2	8	44	-12	2	49	100
23884 BOR	6136N	09001E	58		1009.3	1016.7	-2.6	.4	4.6	.3	12	58	-1	3	80	145
23933 HANTY-MANSIJSK	6101N	06902E	46		1007.9	1013.5	3.0	4.4	7.1	2.1	12	36	-15		54	68
24125 OLENEK	6830N	11226E	220		985.1	1014.1	-14.3	-2.7	1.9	-6	16	44	16		94	
24143 DZARDZAN	6844N	12400E	39		1010.2	1015.4	-12.4	-.7	2.1	-.4	11	33	-7		69	
24266 VERHOJANSK	6733N	13323E	137		999.1	1017.2	-13.0	1.9	2.0	.1	3	8	-5		69	
24507 TURA	6416N	10014E	168		992.8	1016.8	-7.8	-.5	3.1	-.1	7	28	-2	3	73	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	
24641 VILJUJSK	6346N	12137E	111		1001.9	1016.4	-10.5	-2.6	2.3	-.6	12	21	-3		69	
24688 OJMJAKON	6315N	14309E	741		926.7	1021.1	-14.2	1.9	1.7	-.2	0	4	-12			
24738 SUNTAR	6209N	11739E	133		998.6	1017.1	-9.6	-3.3	2.3	-.9	11	38	19		90	
24817 ERBOGACEN	6116N	10801E	291		980.7	1018.0	-7.8	-1.9	3.1	-.3	12	39	10		91	106
24959 JAKUTSK	6201N	12943E	101		1002.6	1015.8	-9.1	-.6	2.8	.0	10	38	19		41	
25173 MYS SHMIDTA	6854N	17922W	4		1020.2	1020.7	-11.7	-2.7	2.1	-.8	6	15	-27			
25325 UST' -OLOJ	6633N	15925E	127		1002.4	1019.2	-10.5	.9	2.3	-.1	4	9	-10		122	
25399 MYS UELEN	6610N	16950W	3		1009.6	1010.0	-1.7	.6	4.9	.3	7	21	-30		8	
25400 ZYRJANKA	6544N	15054E	43		1012.6	1018.3	-8.3	2.8	3.0	.5	7	20	0		62	
25563 ANADYR'	6447N	17734E	61		1008.3	1016.2	-7.2	-.9	3.2	-.3	9	22	1		78	
25703 SEJMCCHAN	6255N	15225E	205		991.0	1017.9	-8.6	2.6	2.6	.3	6	27	5	4	78	
25744 KAMENSKOE	6226N	16605E	10		1015.4	1016.7	-5.6	.9	3.6	.2	4	10	-20		82	
25954 KORF	6021N	16600E	4		1015.0		-.3	.5	4.9	.2	4	15	-34	0	101	86
28224 PERM'	5801N	05618E	171		995.3	1016.3	6.3		7.5		10	37			90	35
28275 TOBOL'SK	5809N	06815E	50		1009.2	1015.2	5.3	4.9	7.7	2.4	13	56	15	5	57	62
28440 EKATERINBURG	5650N	06038E	283		982.3	1016.4	6.9	5.5	7.7	2.3	9	39	0	3		
KAZAKHSTAN																
28679 PETROPAVLOVSK	5450N	06909E	142		1001.5	1019.0	6.6	4.8	7.7	2.2	5	13	-20	1	121	113
RUSSIAN FEDERATION (IN ASIA)																
28698 OMSK	5501N	07323E	122		1003.4	1018.5	6.5	4.8	7.6	2.2	6	18	-15		103	98
KAZAKHSTAN																
28952 KUSTANAI	5313N	06337E	156		1001.5	1017.3	7.8	4.7	7.6	2.0	5	22	-6		148	106
RUSSIAN FEDERATION (IN ASIA)																
29231 KOLPASEVO	5819N	08257E	75		1008.3	1017.8	1.7	2.3			10	34	-12		77	97
29263 ENISEJSK	5827N	09209E	79		1009.4	1019.4	-.7	.2	5.1	.5	9	33	-12	2	77	103
29282 BOGUCANY	5823N	09727E	133		1003.2	1020.0	-1.2	.0	4.5	.2	10	31	7	5	78	99
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		987.0	1021.3	1.5		5.3		11	45		3		
KAZAKHSTAN																
29807 IRTYSHSK	5321N	07527E	94		1009.1	1020.8	7.1	4.5	7.1	1.5		11	-17			
RUSSIAN FEDERATION (IN ASIA)																
29838 BARNAUL	5326N	08331E	184		999.9	1022.3	5.1	2.6	6.5	.9	6	29	-22		150	138
29866 MINUSINSK	5342N	09142E	254		991.7	1023.4	2.0	.3	5.9	.7	30	30	4	3	114	109
30230 KIRENSK	5746N	10804E	259		987.8	1020.7	-3.9	-.8	3.8	-.1	12	47	22		122	137
30309 BRATSK	5617N	10145E	416		969.9	1021.5	-.1	.3	4.7	.0	9	30	8		106	99
30469 KALAKAN	5507N	11646E	613		941.6	1017.9	-5.8	.6	2.6	-.2	4	17	0	4	152	93
30554 BAGDARIN	5428N	11335E	903		908.9	1018.7	-5.4	-.2	2.7	-.1	4	10	1	4		
30635 UST' -BARGUZIN	5325N	10901E	461		963.9	1020.7	.1	-.3	5.0	.5	5	19	-6	2		
30673 MOGOCA	5345N	11944E	625		939.3	1016.6	-4.9	-.7	3.0	-.1	5	30	16	5	165	91
30710 IRKUTSK	5216N	10419E	469		965.3	1022.9	1.0	.1	4.8	-.1	4	12	-17		162	107
30758 CHITA	5205N	11329E	671		936.7	1018.3	-.7	1.0	3.4	-.1	3	8	-2	3	204	107
31004 ALDAN	5837N	12522E	79		932.7	1017.6	-8.8	-2.1	2.9	-.1	20	91	30		54	58
31088 OHOTSK	5922N	14312E	6		1011.9	1012.6	-.2	2.0	4.7	.9	11	108	57	5	87	55
31168 AJAN	5627N	13809E	8		1010.7	1011.8	.9	.7	4.6	.7	4	0072	-004	1	99	66

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
31253 BOMNAK	5443N	12856E	357		966.5	1014.3	-1.1	2.0	3.5	.1	7	86	50	0	133	86
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1002.7	1011.1	2.3	.8	5.8	.4	13	131	52			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1002.8	1011.9	1.7	1.1	4.6	.0	11	75	35		160	96
31510 BLAGOVESCENSK	5015N	12734E	132		998.0	1014.4	1.3	-1.0	4.1	-.4	5	25	4			
31735 HABAROVSK	4831N	13510E	76		1003.4	1014.5	4.1	-.3	5.2	-.2	5	37	-14		191	101
31960 VLADIVOSTOK	4307N	13154E	183		995.2	1018.1	8.2	.0	7.9	-.2	8	49	-19		182	89
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1011.1	1014.0	7.5	1.6	8.4	.9	15	180	82	5	159	99
32411 ICA	5535N	15535E	6		1011.0		4.8	1.4	8.1	1.4	13	98	-10	3	91	105
32583 PETROPVLOVSK- KAMCATSKIJ	5259N	15839E	24		1010.8		5.6		6.9		9	163		3		
32618 NIKOL'SKOE	5512N	16559E	18		1011.0	1013.2	5.5	.3	7.4	.1	14	76	-8	3	85	80
KAZAKHSTAN																
35078 ATBASAR	5149N	06822E	304		983.9	1020.9	7.0	4.8	6.8	1.5	5	12	-15	2	160	119
35108 URALSK	5115N	05117E	37		1014.7	1019.2	8.5	3.4	8.3	1.9	8	57	27	4		
RUSSIAN FEDERATION (IN ASIA)																
35121 ORENBURG	5141N	05506E	117		1005.3	1019.7	8.7	4.3	7.1	.9	7	38	0	3	165	131
KAZAKHSTAN																
35188 AKMOLA	5108N	07122E	350		979.7	1023.1	.8	-2.0	4.8	-.7	0	70	41	2		
35217 DZHAMBEJTY	5015N	05234E	32		1015.4	1019.1	3.2		5.5		4	14		0		
35229 AKTJUBINSK	5017N	05709E	219		993.6	1020.3	7.9	3.7	7.2	1.3	6	34	4	4		
35394 KARAGANDA	4948N	07309E	553		956.0	1022.0	7.9	4.9	6.3	1.1		11	-24			
35406 TAIPAK	4903N	05152E	2		1021.6	1021.8	10.8	4.1	7.2	.7	8	20	1	0		
35426 TEMIR	4909N	05707E	234		992.6	1021.7	2.4		5.4		3	12		0		
35796 BALHASH	4648N	07505E	350		980.5	1022.6	9.9	3.7	7.5	1.3	1	11	-1	4		
35849 KAZALINSK	4546N	06207E	68		1012.1	1020.4	11.7	3.9	8.0	1.7	5	12	-2	2		
35925 SAM	4524N	05607E	88		1009.0	1019.8	12.0	4.0	8.5	1.8		30	20			
35953 DZHUSALY	4530N	06405E	103		1008.7	1020.9	11.9		7.0		4	14		4		
36003 PAVLODAR	5218N	07656E	122		1008.1	1023.5	1.8		5.0		2	3		0		
36177 SEMIPALATINSK	5025N	08018E	196		998.8	1022.9	6.7	2.5	6.9	1.3	2	16	-11	3		
36208 LENINOGORSK	5020N	08333E	811		927.8	1023.9	4.9	2.5	6.5	1.5	9	86	12	5		
36535 KOKPEKTY	4845N	08222E	512		963.4	1026.2	1.4	-1.4	4.6	-.5	1	5	-21	0		
36870 ALMATY	4314N	07656E	851		923.3	1021.0	12.1	3.1	8.7	1.6	5	18	-44	1	211	115
38062 KYZYLORDA	4451N	06530E	130				13.1	4.5	7.1	1.3	1	2	-9	2		
UZBEKISTAN																
38262 CHIMBAJ	4257N	05949E	66		1011.6	1019.5	13.6	3.8	9.9	3.1	5	17	5	5	219	98
38413 TAMDY	4144N	06437E	237		1002.4	1018.6	16.4	3.5	7.5	1.2	2	1	-5	2	290	119
38457 TASHKENT	4116N	06916E	488		961.7	1018.4	15.7	2.4	9.3	.8	1	11	-23	2	247	110
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	852		917.5	1505 Y	22.1		8.0		0	0			294	
40357 ARAR	3054N	04108E	549		949.2	1011.8	25.1		7.9		0	0				
40361 AL-JOUF	2947N	04006E	689		937.1	1010.7	25.4		7.5		0	0				
40362 RAFHA	2937N	04329E	444		960.7	1010.4	27.0		9.5		0	0			279	
40373 AL QAYSUMAH	2819N	04607E	360		970.1	1009.8	29.0		8.2		0	0				
40375 TABUK	2822N	03636E	768		926.6	1010.9	24.6		9.4		0	0			292	
40377 HAFR AL-BATIN	2754N	04532E	414		964.8	1010.6	28.7		8.8		0	T				

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
40394 HAIL	2726N	04141E	1013		902.4	1520 Y	25.9		7.1		0	0			289	
40400 WEJH	2612N	03628E	21		1007.4	1010.1	27.3		26.5		0	0			288	
40405 GASSIM	2618N	04346E	650		938.2	1008.8	27.8		6.0		0	0				
40410 KHAYBER	2540N	03918E	754		927.0	1007.4	33.2		6.3		0	0				
40416 DHAHRAN	2616N	05009E	17		1007.1	1009.0	30.3	2.4	22.5	6.0	0	0				
40430 MADINAH	2433N	03942E	636		939.7	1008.4	30.8	1.4	7.1	-1.1	0	0	-1		294	
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		943.1	1010.2	28.3		5.4		0	0			302	
40438 RIYADH	2443N	04644E	620		943.7	1011.4	29.1	2.3	6.5	-6	0	0	-1		314	
40439 YENBO	2409N	03804E	10		1007.7	1009.0	30.4		26.3		0	0				
IRAN, ISLAMIC REPUBLIC OF																
40706 TABRIZ	3805N	04617E	1361		866.0	1015 Y	15.4	1.9	7.8	.3	3	58	30		250	110
40745 MASHHAD	3616N	05938E	989		905.2	1016 Y	16.7	3.3	10.5	2.9	1	3	-8		269	111
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		883.1	1012 Y	21.0	2.8	9.8	2.8	1	10	-3		276	111
40800 ESFAHAN	3238N	05143E	1550		847.0	1012 Y	18.6	1.7	4.7	-1.7	0	1	-3		286	104
40831 ABADAN	3022N	04815E	11		1010.0	1011.0	28.7	1.8	14.9	.2	0	0	-3		269	102
40841 KERMAN	3015N	05658E	1754		827.3	1013 Y	18.3	.9	6.3	1.3	0	0	-1		306	112
40848 SHIRAZ	2932N	05235E	1491		853.4	1011 Y	21.0	2.6	7.0	.4	0	0	-5		313	105
SAUDI ARABIA																
41024 JEDDAH (KING ABDUL AZIZ INT.)	2142N	03911E	17		1007.2	1009.1	29.9	.8	29.2	2.7	0	0	-2		269	
41030 MAKKAH	2126N	03946E	240		981.2	1007.5	32.9		24.6		1	4				
41055 AL BAHA	2018N	04138E	1662		837.3	1517 Y	23.6		6.4		0	0			292	
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		941.3	1009.1	28.4		7.2		0	0			318	
41084 BISHA	1959N	04237E	1163		885.7	1517 Y	25.9		6.1		0	0			317	
41112 ABHA	1814N	04239E	2093		795.4	1513 Y	18.9		8.6		0	T			249	
41136 SHARURAH	1728N	04707E	725		930.3	1008.6	28.8		8.8		2	14			298	
41140 GIZAN	1654N	04235E	7		1007.9	1008.7	31.2		31.2		4	60				
KUWAIT																
40582 KUWAIT INT'L. AIRPORT	2913N	04759E	55		1005.7	1012.2	29.0	1.7	14.5		1	2	-1	1		105
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		1010.3	1010.5	30.3	1.0	28.3	1.0	0	0	-1	4		105
UNITED ARAB EMIRATES																
41194 DUBAI INTERNATIONAL AIRPORT	2515N	05520E	5		1009.2	1010.4	29.6	.9	25.6	1.8					318	105
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1007.4	1010.2	30.1	1.7	25.4	1.8		0	0	0	315	100
41218 AL AIN INTERNATIONAL AIRPORT	2416N	05536E	262		980.5	1010.1	30.3	1.9			0	0	0	0	322	103
OMAN																
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8		1006.2	1007.2	28.9		20.9		0	0			329	
41268 SUR	2232N	05929E	14		1009.4	1010.9	29.8		23.8		0	0			306	
41288 MASIRAH	2040N	05854E	19		1008.3	1010.5	28.3		27.3			0		0	269	
41314 THUMRAIT	1740N	05402E	467		961.0	1012.6	27.1		16.0		3	22				
41316 SALALAH	1702N	05405E	20		1008.6	1011.3	27.3		26.1		6	69		6	280	
PAKISTAN																
41530 PESHAWAR	3401N	07135E	360			1009.2	25.0	1.3	18.8		1	12	3	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.
		'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
41560	PARACHINAR	3352N	07005E	1725		829.1	1511 Y					3	9	-13			
41598	JHELUM	3256N	07343E	234		982.4	1008.8	25.8	.9	20.4		0	0	-12	2		
41620	ZHOB	3121N	06928E	1407		858.8	1491 Y	21.3	1.4	5.5		0	0	-2	4		
41624	DERA ISMAIL KHAN	3149N	07055E	173		989.1	1008.6	27.0	1.7	19.8		0	0	-4	4		
41640	LAHORE CITY	3133N	07420E	215		984.7	1008.9	27.1	1.5	20.3		0	1	-11	3		
41660	QUETTA AIRPORT	3015N	06653E	1587		841.5	1503 Y	16.9	2.3	5.1		0	0	-3	5		
41675	MULTAN	3012N	07126E	123		994.9	1008.9	27.5	1.1	19.3		1	13	12	6		
41712	DAL BANDIN	2853N	06424E	850		917.5	1513 Y	23.7	1.9	4.5		0	0	-1	5		
41715	JACOBABAD	2818N	06828E	56		1002.1	1007.7	29.1	1.3	19.2		0	0	-2	5		
41739	PANJGUR	2658N	06406E	981		902.1	1499 Y	23.2	1.1	9.7		0	0	-1	5		
41756	JIWANI	2504N	06148E	57		1002.7	1009.1	26.1	-1.1	24.7		0	0	-1	5		
41768	CHHOR	2531N	06947E	6		1007.3	1008.0	29.5	1.7	20.3		1	24	22	5		
41780	KARACHI AIRPORT	2454N	06708E	22		1006.5	1008.9	30.3	2.4	23.4		0	T	-1	5		
INDIA																	
42027	SRINAGAR	3405N	07450E	1587		842.6	1511 Y	14.9	.8	9.5		0	0	-18	2	245	
42071	AMRITSAR	3138N	07452E	234		983.2	1009.5	24.8	1.0	21.9		0	0	-3	4	260	103
42147	MUKTESHWAR KUMAON	2928N	07939E	2311		777.3	3185 Z	15.1	.8	11.4		6	40	-4	3		
42165	BIKANER	2800N	07318E	224		983.1	1008.1	29.9	2.2	13.1		0	0	-4	3		
42182	NEW DELHI / SAFDARJUNG	2835N	07712E	216		984.7	1009.1	26.1	-2	21.1		2	26	9	4	213	79
42261	AGRA	2710N	07802E	169		990.1	1008.2			21.8		3	78	51	5		
42314	DIBRUGARH/MOHANBARI	2729N	09501E	111		997.4	1010.5	25.5	.4	27.1		13	184	41	5	145	
42339	JODHPUR	2618N	07301E	224		983.9	1008.5	28.1	3.0	17.3		2	12	-131	1		
42410	GAUHATI	2606N	09135E	54		1003.2	1009.3	26.8	.8	29.7		5	129	37	4	168	82
42452	KOTA AERODROME	2509N	07551E	274		978.6	1009.1	28.0	.0	17.3		4	13	-15	4		
42475	ALLAHABAD/BAMHRAULI	2527N	08144E	98		998.1	1009.1	28.3	1.9	29.1		6	41	7	4	148	57
42515	CHERRAPUNJI	2515N	09144E	1313		869.2	1505 Y	20.2	.9	19.5		14	627	78	4		
42587	DALTONGANJ	2403N	08404E	221		983.1	1007.8	27.6	1.5	27.9		5	16	-50	1		
42619	SILCHAR	2445N	09248E	29		1005.8	1009.1	27.5	.5	30.9		14	266	150	5		
42647	AHMADABAD	2304N	07238E	55		1003.0	1009.3	27.7	-.8	25.1							
42671	SAGAR	2351N	07845E	551		948.3	1009.2	25.5	-.4	21.6		8	100	67	5		
42731	DWARKA	2222N	06905E	11		1007.8	1009.1	28.9	1.1	31.2		3	27	17			
42754	INDORE	2243N	07548E	567		956.7	1009.8	25.3	.0	19.3		8	123	71	5		
42807	CALCUTTA/ALIPORE	2232N	08820E	6		1007.7	1008.4	28.1	-.1	30.9						139	76
42867	NAGPUR SONEGAON	2106N	07903E	310		973.9	1008.7	26.5	.1	26.7						225	87
42909	VERAVAL	2054N	07022E	8		1007.8	1008.7	28.7	.8	29.1		3	21	6	4		
42933	AKOLA	2042N	07702E	282		977.1	1008.7	26.5	-.9	25.0		7	86	38	4		
42971	BHUBANESWAR	2015N	08550E	46		1001.9	1006.9	27.2	-.4	33.1		12	0091	-036	3	128	58
43041	JAGDALPUR	1905N	08202E	553		947.5	1008.3	26.0	1.3	25.5		7	88	1	4		
43057	BOMBAY/COLABA	1854N	07249E	11		1006.7	1007.9	28.9	.2	31.5		5	95	34	4	225	94
43063	POONA	1832N	07351E	559		946.9	1008.5	24.5	-.5	23.1						234	94
43128	HYDERABAD AIRPORT	1727N	07828E	545		948.1	1007.9	25.7	.0	23.5		5	32	-65	2	231	102
43149	VISHAKHAPATNAM	1743N	08314E	3		1007.5	1007.9	29.1	.8	29.9							
43185	MACHILIPATNAM	1612N	08109E	3		1007.1	1007.1	28.3	.5	31.6						191	
43192	GOA/PANJIM	1529N	07349E	60		1001.0	1007.7	28.1	.2	30.2						220	89
43198	BELGAUM/SAMBRA	1551N	07437E	747		926.1	1007.5	24.3	.1	21.9							
43279	MADRAS/MINAMBAKKAM	1300N	08011E	16		1005.7	1007.3	28.3	.1	30.2						190	98
43295	BANGALORE	1258N	07735E	921		907.1	1484 Y	24.1	.4	23.7		13	192	65	4	133	77
43314	KOZHIKODE	1115N	07547E	5		1007.8	1008.4	27.4	.1	30.7		21	448	218	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.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
43333 PORT BLAIR	1140N	09243E	79		1000.1	1009.1	25.6	- .3	29.9		22	428	133	5	139	83
43363 PAMBAN	0916N	07918E	11		1006.5	1007.7	29.0	.4	30.4		10	135	-89	2		
43369 MINICOY	0818N	07309E	2		1008.5	1008.7	27.9	.2	31.3		20	308	161	5	138	62
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1001.8	1009.1	26.5	- .4	29.7		20	451	228	5	121	71
SRI LANKA																
43418 TRINCOMALEE	0835N	08115E	7		999.3	1008.1	27.5	- .7	28.3	.3	17	379	162			
43466 COLOMBO	0654N	07952E	7		1008.1	1008.9	26.8	- .2	30.6	1.4	25	530	161		149	74
43497 HAMBANTOTA	0607N	08108E	20		1006.8	1008.5	27.7	.6	30.1	1.6	7	65	-86			
MONGOLIA																
44203 RINCHINLHUMBE	5107N	09940E	1583		840.4	1018.8	3.3	9.3			2	6	-2	2		
44207 HATGAL	5026N	10009E	1668		832.2	1019.0	3.3	7.9	5.2	2.4	2	18	7	3		
44212 ULAAN-GOM	4959N	09205E	939		914.0	1025.9	2.3	1.9	5.2	.9	2	6	2	2	169	87
44213 BARUUNTURUUN	4939N	09424E	1232		881.0	1025.2	.6	1.3	4.9	.9	3	20	8	4		
44214 UIGI	4856N	08956E	1715		826.5	1013.8	8.5	8.4	6.2	2.3	2	6	3	2		
44215 OMNO-GOBI	4901N	09143E	1590			1016.2	1.4	2.0	4.0	.4	1	1	-2	1		
44218 HOVD	4801N	09134E	1405		861.9	1022.6	3.8	2.3	4.7	.7	3	18	14	4		
44225 TOSONTSENGEL	4844N	09812E	1723		826.6	1011.8	5.6	9.8	5.7	2.6	8	47	37	6		
44230 TARIALAN	4934N	10200E	1235		878.4	1018.3	7.5	7.5	7.0	3.4	6	44	39	6		
44231 MUREN	4934N	10010E	1283		870.8	1016.6	8.1	8.8	6.0	2.6	2	11	6	3	249	111
44232 HUTAG	4923N	10242E	938		912.4	1024.7	2.3	2.3	4.8	.7	2	3	-9	1		
44237 ERDENEMANDAL	4832N	10123E	1509		847.7	1016.6	6.4	7.0	5.8	1.9	7	39	32	6		
44239 BULGAN	4848N	10333E	1208		880.1	1022.1	- .1	.7	4.0	.4	2	5	-7	1		
44241 BARUUNKHARAA	4855N	10604E	807		925.8	1023.0	.7	.2	4.8	.9	3	8	-3	2		
44256 DASHBALBAR	4933N	11424E	705		932.2	1017.4	.2	- .2	4.5	.7	5	5	1	2		
44259 CHOIBALSAN	4805N	11433E	747		930.1	1020.1	1.2	- .3	4.2	.0	3	8	1	2		
44265 BAITAG	4607N	09128E	1186		888.5	1022.4	5.3	2.2	3.2	-1.5	2	4	1	2		
44272 ULIATAI	4745N	09651E	1759		820.5	1011.8	7.2	8.0	5.2	1.9	7	27	18	5		
44275 BAYANBULAG	4650N	09805E	2255		773.5	1015.5	3.8	8.3	5.6	2.4	8	29	25	6		
44277 ALTAI	4624N	09615E	2181		784.7	1021.9	- .7	.6	4.7	1.6	3	7	0	2		
44282 TSETSERLEG	4727N	10128E	1691		829.3	1016.9	6.5	6.2	6.6	3.1	10	50	37	6		
44284 GAIUUT	4642N	10008E	2126		787.6	1017.6	4.7	8.2	3.9	1.2	6	39	33	6		
44285 HUJIRT	4654N	10246E	1662		830.2	1015.6	7.0	7.7	7.2	3.6	11	34	25	3		
44287 BAYANHONGOR	4608N	10041E	1859		812.4	1013.7	7.9	8.0	7.0	3.6	6	53	46	6		
44288 ARVAIHEER	4616N	10247E	1813		816.8	1014.3	8.1	6.7	7.1	3.7	5	25	19	4		
44292 ULAAN-BAATOR	4755N	10652E	1306		871.0	1023.4	- .5	.6	3.5	- .2	4	7	1	3	251	111
44294 MAANTI	4718N	10729E	1430		857.0	1023.3	-1.5	.0	3.4	- .2	1	2	-3	1		
44298 CHOIR	4627N	10813E	1286		873.4	1022.3	1.4	.2	3.4	- .9	1	3	-2	1		
44302 BAYAN-OVOO	4747N	11207E	926		909.3	1019.7	.7	- .3	3.9	.0	0	T	-10	1		
44304 UNDERKHAAN	4719N	11038E	1033		899.1	1020.5	.6	.0	3.6	.1	1	T	-8	1		
44305 BARUUN-URT	4641N	11317E	981		903.6	1020.3	1.5	- .2	4.2	.2	2	1	-4	1		
44313 KHALKH-GOL	4737N	11837E	688		935.0	1018.2	.6	- .5	3.6	- .4	5	17	6	2		
44314 MATAD	4710N	11538E	907		911.8	1015.8	11.2	9.5	7.2	3.2	4	9	1	2		
44336 SAIKHAN-OVOO	4527N	10354E	1316		867.5	1014.2	12.0	9.9	6.9	3.3	4	20	16	6		
44341 MANDALGOVI	4546N	10617E	1393		859.2	1013.8	11.0	9.3	7.9	4.1	3	24	20	6		
44347 TSOGT-OVOO	4425N	10519E	1298		873.2	1022.2	4.4	.4	4.7	.5	1	2	-1	1		
44352 BAYANDELGER	4544N	11222E	1101		892.9	1019.7	2.3	- .2	3.2	-1.0	1	3	-3	1		
44358 ZAMYN-UUD	4344N	11154E	964		909.1	1021.8	4.6	.2	3.6	- .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.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
44373 DALANZADGAD	4335N	10425E	1465		855.8	1021.9	5.7	.9	4.2	.3	0	T	-4	1	293	105
NEPAL																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		866.1	1499 Y	20.5		20.4		8	152			189	80
HONG KONG, CHINA																
45004 KING'S PARK	2219N	11410E	66		1006.1	1013.8	25.8	.4	23.0	.1	4	44	-101	2	195	100
REPUBLIC OF KOREA																
47101 CHUNCHON	3754N	12744E	75		1010.5	1019.5	12.1	.1	11.8	1.3	6	93	47	5	151	83
47105 KANGNUNG	3745N	12854E	27		1016.0	1019.2	15.6	.8	11.0	-4	6	91	-21	3	183	99
47108 SEOUL	3734N	12658E	87		1009.3	1019.7	14.3	.0	11.8	.7	8	92	33	5	162	79
47115 ULLUNGDO	3729N	13054E	223		994.2	1020.5	15.3	.4	12.1	-3	10	92	5	4	145	86
47133 TAEJON	3618N	12724E	78		1012.0	1020.4	13.7	.1	12.3	.7	7	172	120	6	180	90
47138 POHANG	3602N	12923E	6		1019.6	1020.2	16.3	.6	13.3	.9	6	54	-9	3	146	78
47159 PUSAN	3506N	12902E	71		1010.3	1018.7	17.7	.6	13.7	.7	6	131	69	5	185	92
47165 MOKPO	3447N	12623E	56		1015.2	1019.7	16.0	-.6	13.2	-4	7	103	51	5	182	89
47168 YOSU	3444N	12744E	68		1010.8	1018.8	17.2	.3	13.0	.3	4	201	146	6	183	82
47184 CHEJU	3331N	12632E	24		1016.5	1019.3	18.5	.8	14.2	-.6	3	41	-33	3	185	103
JAPAN																
47401 WAKKANAI	4525N	14141E	11		1013.1	1014.4	11.2	.7	9.7	.9	15	185	55	5	124	95
47407 ASAHIKAWA	4346N	14222E	116		1002.5	1016.6	9.1	.6	9.7	.9	13	106	-6	3	106	84
47409 ABASHIRI	4401N	14417E	43		1010.6	1015.8	11.2	1.2	10.1	1.2	12	109	32	5	152	96
47412 SAPPORO	4303N	14120E	26		1013.3	1016.4	11.9	1.1	10.4	1.1	14	81	-34	2	138	88
47418 KUSHIRO	4259N	14424E	37		1011.9	1016.3	11.3	1.5	10.3	.7	10	126	18	4	165	90
47420 NEMURO	4320N	14535E	39		1011.3	1016.0	12.1	1.3	10.8	.8	9	134	17	4	139	82
47421 SUTTSU	4248N	14014E	38		1012.0	1016.5	11.9	.4	10.9	.9	11	119	-20	2	101	75
47426 URAKAWA	4210N	14247E	37		1012.3	1016.8	12.6	1.1	11.0	.8	14	126	22	4	152	83
47430 HAKODATE	4149N	14045E	43		1011.8	1017.0	12.4	1.1	11.7	1.5	9	173	74	5	146	86
47575 AOMORI	4049N	14046E	3		1017.1	1017.5	13.2	1.2	11.5	.8	15	241	143	6	137	88
47582 AKITA	3943N	14006E	21		1015.4	1017.9	14.4	1.3	12.0	.6	15	168	19	4	144	94
47585 MIYAKO	3939N	14158E	46		1011.7	1017.3	13.5	.7	12.1	.7	7	159	51	4	155	99
47598 ONAHAMA	3657N	14054E	5		1016.9	1017.5	17.1	1.5	14.4	.9	6	154	-8	3	157	103
47600 WAJIMA	3723N	13654E	14		1016.6	1018.3	16.1	.9	14.8	1.4	14	173	-4	3	153	109
47602 AIKAWA	3802N	13815E	17		1016.0	1018.0	17.1	1.5	14.0	1.0	12	173	46	5	156	103
47605 KANAZAWA	3635N	13638E	33		1014.2	1018.1	17.9	1.8	14.5	.8	13	178	-24	3	164	116
47618 MATSUMOTO	3615N	13758E	611		947.2	1017.8	14.0	1.7	12.3	1.4	7	84	-3	3	174	112
47624 MAEBASHI	3624N	13904E	113		1004.2	1017.5	17.3	1.7	13.6	1.0	7	89	-4	3	174	113
47636 NAGOYA	3510N	13658E	56		1010.9	1017.5	19.2	2.2	15.4	1.7	6	68	-46	2	175	107
47648 CHOSHI	3544N	14052E	28		1013.7	1016.9	19.8	1.6	17.4	1.6	8	210	-6	3	139	105
47655 OMAEZAKI	3436N	13813E	47		1010.9	1016.3	20.7	1.9	16.9	.7	8	252	82	5	187	116
47662 TOKYO	3541N	13946E	36		1013.0	1017.2	19.5	1.9	14.3	.7	6	88	-76	2	158	123
47663 OWASE	3404N	13612E	27		1013.8	1016.9	19.8	2.2	18.3	3.0	6	140	-216	1	146	103
47675 OSHIMA	3445N	13222E	79		1007.3	1016.6	19.8	2.8	17.4	1.6	5	167	-191	1	167	143
47678 HACHIJOJIMA	3306N	13947E	80		1006.3	1015.6	22.4	1.7	21.5	2.5	14	329	-127	2	132	109
47740 SAIGO	3612N	13320E	31		1014.8	1018.6	16.8	.8	14.7	.8	11	136	18	4	163	96
47741 MATSUE	3527N	13304E	22		1015.7	1018.3	17.5	1.4	15.7	1.0	7	76	-59	1	173	108
47750 MAIZURU	3527N	13519E	22		1015.8	1018.4	17.4	1.4	15.8	1.4	9	136	6		134	103

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
47755 HAMADA	3454N	13204E	20		1015.6	1018.0	18.0	1.2	15.4	1.0	10	89	-34	2	170	102
47772 OSAKA	3441N	13531E	83		1008.1	1017.8	20.1	1.8	15.2	1.2	8	116	9	4	183	115
47778 SHIONOMISAKI	3327N	13546E	75		1007.7	1016.4	21.1	1.8	17.8	1.8	5	67	-157	1	185	110
47800 IZUHARA	3412N	12918E	19		1016.3	1018.5	18.8	1.2	15.4	.7	6	142	27	4	157	99
47807 FUKUOKA	3335N	13023E	15		1016.2	1017.9	19.9	1.7	15.6	.6	8	61	-35	2	178	103
47815 OITA	3314N	13137E	13		1016.4	1017.9	19.7	1.9	16.1	.8	5	42	-93	1	170	107
47817 NAGASAKI	3244N	12952E	35		1013.4	1017.5	20.4	1.4	16.3	.9	7	99	-4	3	177	101
47827 KAGOSHIMA	3133N	13033E	31		1013.3	1016.9	22.3	2.3	18.1	1.3	6	63	-43	2	190	104
47830 MIYAZAKI	3155N	13125E	7		1016.3	1017.2	20.9	2.0	18.4	1.3	7	70	-124	1	173	99
47837 TANEGASHIMA	3044N	13100E	18		1014.2	1016.3	23.6	1.8	21.2	1.7	8	78	-83	2	160	95
47843 FUKUE	3242N	12850E	26		1014.5	1017.5	19.9	1.3	16.6	.9	8	195	89	5	171	99
47887 MATSUYAMA	3350N	13247E	34		1013.6	1017.5	19.5	1.6	15.8	1.4	7	77	-22	3	182	105
47891 TAKAMATSU	3419N	13403E	10		1016.7	1017.9	19.5	2.3	15.8	.9	7	87	-19	3	176	102
47898 SHIMIZU	3243N	13301E	33		1013.1	1016.9	22.0	1.6	18.0	1.5	10	194	-49	2	178	101
47899 MUROTOMISAKI	3315N	13411E	186		995.2	1016.8	20.5	1.7	17.5	1.8	9	166	-29	3	193	111
47909 NAZE	2823N	12930E	7		1014.8	1015.7	24.5	1.2	23.6	2.4	12	67	-152	1	105	83
47918 ISHIGAKIJIMA	2420N	12410E	7		1013.6	1014.4	26.4	1.1	26.4	2.0	12	90	-83	3	160	98
47927 MIYAKOJIMA	2447N	12517E	41		1010.0	1014.7	26.1	1.2	25.6	1.5	10	82	-79	1	178	107
47936 NAHA	2612N	12741E	53		1009.0	1015.0	26.3	1.8	24.7	1.8	6	68	-82	2	193	111
47945 MINAMIDAITOJIMA	2550N	13114E	20		1011.6	1013.9	26.2	1.1	26.0	1.4	9	194	25	4	204	113
47971 CHICHIJIMA	2705N	14211E	8		1013.6	1014.5	26.3	.4	28.4	1.8	16	194	58		163	89
THAILAND																
48327 CHIANG MAI	1847N	09859E	314		974.8	1010.3	26.4	.6	29.3	3.1	14	144	22	4	145	65
48354 UDON THANI	1723N	10248E	182		990.3	1010.6	27.2	.5	27.9	1.4	10	96	12	4		
48378 PHITSANULOK	1647N	10016E	45		1004.6	1009.8	28.0	.4	30.4	1.3	15	370	213	6	185	82
48400 NAKHON SAWAN	1548N	10010E	35		1005.6	1009.6	27.3	-.4	31.0	1.1	15	172	28	4	173	78
48431 NAKHON RATCHASIMA	1458N	10205E	188		988.7	1009.9	27.2	1.0	28.7	1.6						
48455 BANGKOK	1344N	10034E	20		1008.7	1009.4	28.0	.4	30.0	.0	13	384	142	5	156	79
48462 ARANYAPRATHET	1342N	10235E	49		1004.2	1009.7	27.4	.3	29.6	.8	10	246	65	4		
48480 CHANTHABURI	1236N	10207E	4		1008.8		26.9	.4	29.3	.4	18	309	29	4	168	89
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1008.4	1009.0	26.9	.0	29.6	.6						
48517 CHUMPHON	1029N	09911E	5		1008.6	1009.1	26.3	-.3	29.8	.1	17	260	-15	3		
48568 SONGKHLA	0712N	10036E	5		1008.4	1009.1	27.1	-.3	31.9	2.4	21	266	-17	3	166	92
LAO PDR																
48930 LUANG-PRABANG	1953N	10208E	305		997.0	1011.2	26.8	2.0	28.7	2.4	7	98	-28	3		
48938 SAYABOURY	1914N	10144E	326		987.7	1007.2	25.5		26.6		10	121				
48940 VIENTIANE	1757N	10234E	171		991.0	1010.4	27.1	.7	27.5	.9	11	94	7	4		
48946 THAKHEK	1723N	10439E	152		994.8	1012.1	26.8		26.4		10	126				
48947 SAVANNAKHET	1633N	10439E	145		997.2	1014.8	27.5	2.5	26.8	2.8	8	394	295	4		
48948 SENO	1640N	10500E	185		998.4	1009.6	24.5		24.4		9	105		4		
48955 PAKSE	1507N	10510E	102		997.0	1007.6	27.7	1.4	27.9	.8	10	111	12	4		
CHINA																
50527 HAILAR	4913N	11945E	611		942.0	1016.7	-.3	-.6	3.9	.0	4	23	13	6	182	83
50745 QIQIHAR	4723N	12355E	148		998.3	1016.1	4.0	-.8	4.4	-.6	2	8	-11	3	223	97
51076 ALTAY	4744N	08805E	737		937.4	1024.7	8.1	2.3	5.8	.9	5	21	5	4	229	108
51431 YINING	4357N	08120E	663		944.7	1022.6	11.3	2.0	8.7	1.2	4	31	7	4	247	112

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
51463 URUMQI	4347N	08737E	919		916.9	1023.3	10.3		6.9		3	23		4	216	85
51709 KASHI	3928N	07559E	1291		875.4	1019.2	13.8	1.5	8.4	1.3	1	2	0	4	284	116
51777 RUOQIANG	3902N	08810E	889		917.8	1020.3	11.8	.6	6.7	1.6	0	T	-1	4	277	97
51828 HOTAN	3708N	07956E	1375		866.1	1018.0	14.2	1.7	6.7	.8	0	T	-1	4	286	110
52203 HAMI	4249N	09331E	739		934.6	1021.0	10.6	.9	6.5	1.4	0	T	-2	2	250	90
52533 JIUQUAN	3946N	09829E	1478		856.9	1023.1	8.2	.8	5.2	.5	1	2	0	4	255	96
52836 DULAN	3618N	09806E	3192		695.5		4.2	1.3	3.1	.3	3	11	4	5	250	93
52889 LANZHOU	3603N	10353E	1518		852.8		11.0	1.3	8.4	.3	5	20	-4	3	155	80
53068 ERENHOT	4339N	11200E	966		908.9	1022.8	4.8	.2	3.4	-3	0	1	-6	1	296	113
53614 YINCHUAN	3829N	10613E	1112		895.3	1022.8	9.7	.5	6.9	-5	1	8	-6	3	207	88
53772 TAIYUAN	3747N	11233E	779		931.8	1022.8	10.9	.9	7.5	-8	3	12	-17	2	200	95
54292 YANJI	4253N	12928E	178		993.4	1014.5	15.8	9.2	13.4	7.0					215	106
54342 SHENYANG	4146N	12326E	43		1014.0	1020.3	9.5	.0	7.2	-8	3	17	-25	2	196	91
54511 BEIJING	3956N	11617E	55		1017.2	1021.1	13.0	.3	7.6	-1.8	3	11	-7	3	176	78
54857 QINGDAO	3604N	12020E	77		1012.1	1021.1	16.5	.4	13.0	.6	8	71	25	4	179	82
56294 CHENGDU	3040N	10401E	508		960.5	1019.2	17.8	.9	17.0	.5	9	44	5	3	42	66
56571 XICHANG	2754N	10216E	1599		841.6	1029.0	17.8	1.0	14.9	1.1	12	63	-15	3	143	86
56739 TENGCHONG	2507N	09829E	1649		836.4		18.1	1.7	17.0	1.5	12	154	10	4	132	75
56778 KUNMING	2501N	10241E	1892		813.7		17.2	2.2	15.1	1.4	8	138	50	5	123	81
56985 MENGZI	2323N	10323E	1302		872.2	1014.0	19.6		17.0		7	133	5	5	167	85
57036 XI'AN	3418N	10856E	398		974.5	1021.6	14.4	.6	13.1	.7	9	82	17	4	28	21
57083 ZHENGZHOU	3443N	11339E	111		1008.1	1021.6	15.0	.0	13.1	1.2	8	74	28	4	93	49
57461 YICHANG	3042N	11118E	134		1004.3	1020.2	17.6	-4	16.5	.9	11	139	52	5	58	43
57745 ZHIJIANG	2727N	10941E	273		986.9	1018.9	18.4	.8	17.2	1.2	6	97	-7	3	94	78
57993 GANZHOU	2551N	11457E	125		1002.8	1017.3	22.0	.8	20.0	1.7	3	13	-63	1	145	86
58362 SHANGHAI	3124N	12128E	4		1018.9	1019.9	20.0		18.0						112	60
58606 NANCHANG	2836N	11555E	50		1021.7	1018.1	20.2	.9	18.5	2.0	4	48	-9	3	115	72
59287 GUANGZHOU	2308N	11319E	8		1010.0	1015.1	25.4	1.4	23.1	1.2	2	41	-38	3	179	94
59316 SHANTOU	2324N	11641E	3		1013.4	1014.3	25.5	2.2	23.4	.6	2	4	-57	1	220	104
59431 NANNING	2249N	10821E	73		1000.2	1014.8	23.5	.1	23.1	1.2	7	131	59	5	147	87
59758 HAIKOU	2002N	11021E	24		1010.7	1012.8	26.3	1.3	28.5	1.9	8	129	-72	3	153	81
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	56		1011.3	1018.1	21.0	.1	16.8	-1.0	10	197	122	5	211	115
SPAIN (CANARY ISLANDS)																
60020 SANTA CRUZ DE TENE-RIFE, CM	2827N	01615W	36		1013.1	1017.4	23.2	.3	19.6	1.5	4	43	25	5	231	106
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1011.1	1016.5	23.1	.6	22.4	3.3	5	16	6	4	229	108
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1014.0	1016.4	22.7	.3	23.2	4.1	2	27	22	6	212	95
WESTERN SAHARA																
60096 VILLA CISNEROS	2342N	01552W	10		1014.2	1015.7	22.8		22.4		1	3	0	259	100	
MOROCCO																
60101 TANGER(AERODROME)	3544N	00554W	21		1014.8	1016.6	19.9	.2	18.8		15	135	70	5	182	75
60115 OUJDA	3447N	00156W	470		963.0	1013.0	19.9	1.9	16.0		4	22	-11	3		0

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	hr		
60120 KENITRA	3418N	00636W	14		1014.9	1016.6	20.6	1.2	20.5		7	77	14	4	217	90
60135 RABAT-SALE	3403N	00646W	75		1007.3	1016.6	20.0	1.0	20.1		6	85	42	5	218	15
60150 MEKNES	3353N	00532W	549		952.4	1016.1	19.0	.3	15.7		7	79	32	4	207	85
60155 CASABLANCA	3334N	00740W	62		1009.7	1016.5	20.4	1.2	20.5		8	73	42	5	202	55
60195 MIDELT	3241N	00444W	1515		852.5	1540 Y	16.3	1.3	10.9		7	34	17	5	213	60
60220 ESSAOUIRA	3131N	00947W	8		1016.0	1016.8	20.0	1.0	19.6		11	58	33	5	214	90
60230 MARRAKECH	3137N	00802W	466		963.3	1016.3	20.3	-.8	16.6		7	68	45	6	203	80
60265 OUARZAZATE	3056N	00654W	1140		891.9	1549 Y	19.6	.2	12.0		7	83	70	6	240	65
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1016.2	1017.4	20.3		19.0		14	175		5	148	70
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1010.0	1016.4	20.8	.7			8	22	-9	3	122	65
ALGERIA																
60355 SKIKDA	3656N	00657E	7		1016.8	1017.0	23.3	3.5	18.2		6	25	-50	1	215	80
60430 MILIANA	3618N	00214E	715		936.3	1016.9	20.8	3.1	13.3		3	16	-52	2	236	
60437 MEDEA	3616N	00245E	981		901.9	1540 Y	18.1		13.3		5	44			234	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928		914.6	1555 Y	19.2		11.9		5	26			256	
60445 SETIF	3611N	00525E	1081		902.6	1549 Y	18.0		11.8		8	50			257	
60452 ARZEW	3549N	00016W	3		1015.9	1016.4	22.8		18.8		6	16			195	55
60457 MOSTAGANEM VILLE	3553N	00007E	137		1000.1	1016.6	21.1		17.3		6	25			170	
60461 ORAN PORT	3542N	00039W	22		1013.6	1016.2	21.6		19.1		4	24				
60467 M'SILA	3540N	00430E	441		966.2	1013.0	22.2		17.1		7	47			269	75
60476 KHENCHELLA	3525N	00709E	1116		908.4	1553 Y	19.4		11.2		3	42			250	
60506 MASCARA METMORE	3536N	00018E	474		962.6	1016.8	20.2		14.0		5	32			213	
60511 TIARET	3515N	00126E	1127		908.1	1153 Y	18.3		12.4		6	56			213	60
60515 BOU-SAADA	3520N	00412E	461		967.0	1019.4	15.7		13.8		5	34			228	
60549 MECHERIA	3456N	00026W	1149		889.5	1538 Y	19.8		12.7		3	21			244	70
60550 ELBAYADH	3340N	00100E	1341		870.4	1550 Y	19.0		8.4		3	7			237	10
60555 TOUGGOURT	3307N	00608E	85		1017.4		25.3		14.5		0	0			281	
60559 EL OUED	3330N	00607E	63		1009.0	1017.0	25.5	3.5	15.5		0	0	-7	1	276	
60580 OUARGLA	3155N	00524E	141		999.3	1016.1	26.7		15.3		0	0			288	
60602 BENI ABBES	3008N	00210W	499		957.9	1014.1	26.2	3.0	9.1		0	0	-8	3	246	70
60607 TIMIMOUN	2915N	00017E	312		980.0	1015.7	27.4	3.6	8.0						110	
60620 ADRAR	2753N	00017W	263		981.6	1013.5	28.5	3.5	10.6		0	0	-1	4	278	75
60690 IN-GUEZZAM	1934N	00546E	411		965.8	1016.5	32.0		7.3		0	0			265	
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1017.2	1017.7	23.9	3.5	17.2		1	12	-53	1	227	105
60725 JENDOUBA	3629N	00848E	144		1001.6	1018.2	22.6	3.2	13.6		2	6	-41	1	244	118
60735 KAIROUAN	3540N	01006E	68		1010.5	1018.4	24.1	3.3	17.5		3	7	-42	2	236	100
60745 GAFSA	3425N	00849E	314		981.8	1017.8	22.8	3.0	14.0		2	16	-5	3	262	103
60765 GABES	3353N	01006E	5		1017.4	1018.0	24.5	2.8	19.4		3	7	-37	2	249	96
NIGER																
61017 BILMA	1841N	01255E	357		971.8	1011.7	27.6		9.4		0	0		5	294	90
61036 TILLABERY	1412N	00127E	210		986.5	1009.7	31.1		18.8		0	0		2	273	90
61043 TAHOUA	1454N	00515E	391		966.2	1009.2	30.4		15.8		0	T		2	283	95
61045 GOURE	1359N	01018E	460		961.0	1009.0	29.5		14.0		1	37		0	82	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
61049 N'GUIGMI	1415N	01307E	286		977.6	1009.4	30.1		15.6		1	T		5	292	5
61052 NIAMEY-AERO	1329N	00210E	227		985.1	1009.8	30.3		20.3		2	6		3	292	100
61075 BIRNI-N' KONNI	1348N	00515E	273		979.3	1009.6	28.9		21.1		2	17		4	281	95
61080 MARADI	1328N	00705E	373		967.0	1008.3	27.8		18.9		2	8		4	278	95
61090 ZINDER	1347N	00859E	453		959.6	1009.5	29.8		16.0		1	34		0	258	85
MALI																
61214 KIDAL	1826N	00121E	459		959.9	1010.2	30.8	.2	9.7		3	48		6	284	96
61230 NIORO DU SAHEL	1514N	00921W	237		984.7	1011.0	29.4	-.3	21.6		1	1	-25	1	249	96
61265 MOPTI	1431N	00406W	272				29.3	.3	24.3		5	33		2	221	79
61270 KITA	1304N	00928W	334		974.0	1011.3	26.2	-1.1	25.9		10	138		5	239	94
61291 BAMAKO/SENOU	1232N	00757W	381		969.7	1010.4	26.8	-.9	25.6		11	104		39	238	94
61297 SIKASSO	1121N	00541W	375				26.2	-1.2	24.0		10	76		4	248	102
MAURITANIA																
61415 NOUADHIBOU	2056N	01702W	3		1014.2	1014.7	23.8		21.1		1	2			222	
SENEGAL																
61600 SAINT-LOUIS	1603N	01627W	4		1011.7	1012.2	27.9		29.4	3.4	6	127	104	5	220	85
61627 LINGUERE	1523N	01507W	21		1009.4	1011.7	29.6		25.8	3.3	6	68	34	4		
61630 MATAM	1539N	01315W	17		1009.1	1011.0	30.4		27.0	4.9	1	29	8	4	229	83
61641 DAKAR/YOFF	1444N	01730W	24		1010.0	1012.3	27.6		30.6	1.3	7	94	57	5	206	80
61679 KAOLACK	1408N	01604W	7		1012.2	1013.0	28.5		29.8		8	0150	0101			
61687 TAMBACOUNDA	1346N	01341W	50		1005.9	1011.6	27.8		29.6	2.2	12	142	83		198	79
61695 ZIGUINCHOR	1233N	01616W	23		1009.7	1012.3	27.1		31.1	1.5	14	245	143		208	86
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1012.0	1012.3	26.0	.0	25.3	-1.3	10	44	-35	2	274	
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1015.0	1015.3	24.4	.0	24.3	-.2	5	13	-17	1		
61988 RODRIGUES	1941S	06325E	59		1010.7	1017.0	23.0	.1	20.9	.3	14	80	42	5	258	93
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1011.8	1017.8	22.3	-.1	19.7	-1.4	6	36	-31	2	273	117
EGYPT																
62306 MERSA MATRUH	3120N	02713E	29		1013.0	1016.5	23.7	2.1	19.6	1.4	2	0		4	301	112
62337 EL ARISH	3105N	03350E	38		1011.0	1014.4	23.2	1.4	20.1	1.3		1		2		
62378 HELWAN	2952N	03120E	141		997.0	1013.6	24.2	.9	17.9	2.5	0	0		3	299	103
62414 ASSWAN	2358N	03247E	194		988.6	1010.5	29.1	1.4	11.8	2.0	0	T		5	322	103
62417 SIWA	2912N	02529E	-13		1017.1	1015.4	25.2	2.4	17.0	3.5	0	0		0	319	109
62435 KHARGA	2527N	03032E	73		1003.3	1012.4	27.1	.8	14.1	.4	0	0		3	322	103
SUDAN																
62600 WADI HALFA	2149N	03129E	183		988.9	1009.5	30.0	1.2	11.5		0	0	-T	5	311	85
62640 ABU HAMED	1932N	03319E	312		972.9	1007.5	32.9	1.4			0	0	-1	5	187	85
62641 PORT SUDAN	1935N	03713E	2			1010.2	30.1	.8	28.1		1	22	9	5	299	80
62650 DONGOLA	1910N	03029E	226		981.9	1008.1	30.3	.9	9.4		0	T	-1	5	312	85
62660 KARIMA	1833N	03151E	249				32.7	1.2	12.5		0	T	-1	5	302	75
62680 ATBARA	1742N	03358E	345		967.8	1006.5	33.1	1.0	16.0		1	4	3	5	310	80
62721 KHARTOUM	1536N	03233E	380		964.1	1006.9	31.4	-1.0	18.2		2	29	25	5		
62730 KASSALA	1528N	03624E	500				30.1	-1.4	12.4		4	15	6	5	276	75

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
62751 WAD MEDANI	1424N	03329E	408		963.5	1008.8	28.3	-1.7	22.1		2	10	-6	4	263	85
62752 GEDAREF	1402N	03524E	599		942.1	1008.9	27.4	-1.9	26.8		7	48	17	4	202	75
62760 EL FASHER	1337N	02520E	730		928.1	1007.6	27.8	.3	16.9		1	1	-6	3	242	85
62762 SENNAR	1333N	03337E	418		960.3	1006.9	27.9	-2.0	23.1		3	18	5	3	265	70
62770 GENEINA	1329N	02227E	805		922.6	1009.8	29.1	2.4	13.8		1	21	12	5		
62771 EL OBEID	1310N	03014E	574		944.1	1007.5	27.4	-2.0	20.8		4	55	41	3	215	65
62772 KOSTI	1310N	03240E	381		965.7	1008.2	28.6	-.7	22.7		3	11	1	4	241	65
62781 EN NAHUD	1242N	02826E	564		947.5	1009.8	27.7	-1.5	18.1		7	67	54	6	237	60
62795 ABU NA'AMA	1244N	03408E	445		956.1	1005.5	26.3	-2.6	25.3		6	32	-1	3	227	60
62840 MALAKAL	0933N	03139E	388		965.8	1009.5	25.2	-2.5	26.3		9	112	37	5	254	75
62941 JUBA	0452N	03136E	457		958.8	1010.9	26.2	-1.3			16	205	104	5		
ETHIOPIA																
63402 JIMMA	0740N	03650E	1725		835.0	1002 Y	20.0		17.0		20	198				
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.4	1012 Y	15.0		12.6		13	116		3		
63471 DIREDAWA	0936N	04151E	1260		884.0	1009 Y	24.7		16.6		13	74		5	242	90
KENYA																
63619 MOYALE	0332N	03903E	1097		892.1	1529 Y			15.8						171	
63686 ELDORET	0032N	03517E	2133		789.8	1487 Y	17.0		13.8		23	197			232	
63723 GARISSA	0028S	03938E	147		996.7	1013.5	28.0	-1.7	19.8	-2.6	2	4			299	107
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		834.6	1506 Y	20.1				4	38			165	
UNITED REPUBLIC OF TANZANIA																
63756 MWANZA	0228S	03255E	1140		887.5	1515 Y	22.8		18.8		7	55	-36	3		
KENYA																
63799 MALINDI	0314S	04006E	23		1012.8	1015.4	25.5				4	14			300	
UNITED REPUBLIC OF TANZANIA																
63832 TABORA AIRPORT	0505S	03250E	1190		881.6	1493 Y	25.7		13.1		0	0	-28	0		
63862 DODOMA	0610S	03546E	1120		891.3	1530 Y	23.4		13.9		0	0	-1	0		
63894 DAR ES SALAAM AIRPORT	0652S	03912E	55		1008.5	1014.8	25.0		22.7		3	27	-39	1		
63962 SONGEA	1041S	03535E	1067		897.7	1539 Y	22.9		14.5		1	3	-5	3		
63971 MTWARA	1016S	04011E	113		1001.9	1014.7	25.1		24.2		1	1	-27	0		
DEMO. REPUBLIC OF THE CONGO																
64210 KINSHASA/N'DJILI	0423S	01526E	312		976.1	1011.0	25.3		24.6							
64222 KIKWIT	0502S	01848E	449		958.4	1008.9	24.6		24.4		7					
RWANDA																
64387 KIGALI	0158S	03007E	1497		850.8	1502 Y	20.9		16.3		6	49	-53		199	50
CONGO																
64400 POINTE-NOIRE	0449S	01154E	17		1010.2	1012.2	25.5		26.3		14	222		4	135	130
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		975.0	1010.1	25.7		24.2		4	56		0	147	95
64458 OUESSO	0137N	01603E	352		970.8	1010.1	24.4				7	148		2		
64459 IMPFONDO	0137N	01804E	326				24.8		26.9		16	170				

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
GABON																
64500 LIBREVILLE	0027N	00925E	15		1010.3	1011.8	25.7	.0	28.4						102	91
64501 PORT-GENTIL	0042S	00845E	4		1011.8	1012.8	25.8	-.1	27.8		15	116	-63	142	122	
64504 COCOBEACH	0100N	00936E	13		1011.8	1012.8	25.8	.3	27.8		15	116	-564	142		
CHAD																
64700 NDJAMENA	1208N	01502E	295		976.1	1009.5	27.6		22.7	4.0	4	33	13	4	273	96
64750 SARH	0909N	01823E	365		969.4	1010.1			26.8	.5	13				172	74
CAMEROON																
64860 GAROUA	0920N	01323E	244		983.6	1010.2	26.4	-1.7	27.4	1.5	10	123	60	5	217	83
64870 NGAOUNDERE	0721N	01334E	1104		809.1	1498 Y	20.7	-1.4			29	237	120	3	145	79
64910 DOUALA OBS.	0400N	00944E	9		1010.3	1011.3	25.3	-.8	29.1	.8	25	632	223	6	119	91
NIGERIA																
65082 MAIDUGURI	1151N	01305E	354				26.9	-1.0				70	59	1		
65201 LAGOS/IKEJA	0635N	00320E	38				26.2					234	109	1		
65250 PORT HARCOURT	0451N	00701E	18				26.0					459	214	1		
65257 ENUGU	0628N	00733E	137				26.3					292	92	1		
65271 MAKURDI	0741N	00837E	97				26.9					165	56	1		
BENIN																
65306 KANDI	1108N	00256E	292		977.5	1010.2	26.8	-1.0	25.8	1.0	6	137	103	6	240	87
65319 NATITINGOU	1019N	00123E	461		960.0	1011.1	25.5	-.9	24.5	-.1	11	143	36	4	224	99
65330 PARAKOU	0921N	00237E	393		967.5	1011.3	25.6	-.5	25.2	.0	9	128	37	4	211	120
65335 SAVE	0802N	00228E	200		988.4	1010.9	25.0	-1.7	27.0	.3	9	150	40	5	188	107
65338 BOHICON	0710N	00204E	167		993.0	1011.9	25.6	-1.4	28.1	.6	12	137	19	4	176	90
65344 COTONOU	0621N	00223E	9		1010.5	1011.5	26.5	-.2	29.2	-.1	14	154	28	4	192	93
TOGO																
65352 MANGO	1022N	00028E	146		993.7	1011.3	27.0	-.9	29.3		11	170	101	5		
65361 SOKODE	0859N	00109E	387		967.8	1011.7	25.0		26.3		13	124	8	4		
65376 ATAKPAME	0735N	00107E	402		965.7	1011.9	24.5	-.9	25.5		11	169	46	4		
BURKINA FASO																
65501 DORI	1402N	00002W	277		978.9	1009.6	30.7		22.5		0	T		2	292	
65502 OUAHIGOUYA	1334N	00225W	336		972.3	1009.5	29.2		21.3		3	10		2	270	
65503 OUAGADOUGOU	1221N	00131W	306		976.5	1010.2	29.1		24.6		2	9		2	262	90
65505 DEDOUGOU	1228N	00329W	300		976.9	1010.4	27.8		24.9		4	42		4	271	
65507 FADA N'GOURMA	1202N	00022E	309		975.9	1010.2	27.7		24.5		1	7		2		
65510 BOBO-DIOULASSO	1110N	00419W	460		959.8	1010.8	26.3		25.1		9	120		5		
65516 BOROMO	1145N	00256W	271		980.3	1010.5	27.9		25.7		6	507		4	261	
65518 PO	1109N	00109W	322		974.1	1010.0	26.6		25.7		7	69		5	232	
65522 GAOUA	1020N	00311W	335		978.1	1010.8	26.2		26.6		10	174		5	240	
COTE D'IVOIRE																
65528 ODIENNE	0930N	00734W	421		964.0	1010.9	24.9	-.4	25.7	.2	16	101	-39	2	229	97
65592 TABOU	0425N	00722W	21		1010.4	1012.7	25.4	.1	28.6	-.3	13	212	43	4	184	99

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
COMOROS																
67005	DZAUDZI/PAMANZI (MAYOTTE)	1248S	04517E	7					28.9			336		1	192	
MADAGASCAR																
67019	ANALALAVA	1438S	04746E	57	1000.8	1014.6	26.2	-2	21.4	-2.3	3	107	58	1		
67027	MAJUNGA	1540S	04621E	18	1012.0	1014.1	26.8	.0	23.3	-7	3	9	-10	3	315	99
67073	MAINTIRANO	1803S	04402E	23	1012.3	1014.9	25.9	.0	25.0	-7	4	108	94	3		
67083	ANTANANARIVO/IVATO	1848S	04729E	1276	876.8	1540 Y	18.2	-3	15.1	.0	8	43	-32	2	259	103
67161	TULEAR	2323S	04344E	8	1014.3	1015.2	24.3	.4	20.9	5.9	0	0	-11			
MALAWI																
67586	LILONGWE INT'L AIRPORT	1347S	03346E	1229	880.3	1526 Y	21.8		13.2		0	0		0	276	
ZIMBABWE																
67775	HARARE (KUTSAGA)	1755S	03108E	1480	855.9	1536 Y	18.7	-2.1	11.6		4	57	21	5	294	103
67964	BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344	869.3	1536 Y	21.0		11.9		1	17	-21	3	302	115
SOUTH AFRICA																
68174	PIETERSBURG	2350S	02925E	1237	885.0	1544 Y	18.0		11.5		4	40	36	3	292	111
68242	MMABATHO	2547S	02532E	1251	873.9	1539 Y	21.0		9.1		3	12			307	
68262	PRETORIA	2544S	02811E	1306	975.6	1555 Y	20.2		10.8		3	16	9	1	292	106
68368	JOHANNESBURG INT. AIRPORT	2608S	02814E	1720	834.2	1541 Y	16.0		9.8		5	15	8	1	267	99
68424	UPINGTON	2842S	02127E	850	924.7	1531 Y	23.4		10.3		3	74	74	6	327	100
68438	KIMBERLEY	2848S	02446E	1196	883.5	1533 Y	20.8		10.4		5	60	57	5	282	92
68442	BLOEMFONTEIN AIRPORT	2911S	02630E	1359	863.8	1538 Y	17.9		10.1		5	87	83	5	285	98
68461	BETHLEHEM	2825S	02833E	1690	834.2	1542 Y	15.0		10.5		5	42		2	283	
68512	SPRINGBOK	2967S	01790E	1007	904.1	1525 Y	17.6		9.3		1	11		3	309	
68538	DE AAR	3065S	02400E	1287	873.4	1532 Y	18.6		9.2		3	35		4	305	
68588	DURBAN INTNL. AIRPORT	2958S	03095E	14	1018.4	1020.0	20.0		18.1		11	196	187	5	208	123
68618	CALVINIA	3128S	01946E	975	904.6	1531 Y	18.0		8.4		1	8		3	331	
68816	CAPE TOWN INTNL. AIRPORT	3397S	01860E	46	1012.6	1017.7	17.6		13.4		1	1	-2	0	318	115
68828	GEORGE AIRPORT	3401S	02223E	190	996.3	1019.0	16.6		14.4		11	109			190	
68842	PORT ELIZABETH	3398S	02562E	69	1011.8	1019.1	17.2		15.4		10	32	27	1	227	96
68906	GOUGH ISLAND	4021S	00953W	54	1010.5	1017.1	10.1		10.2		19	295	266	4	145	113
68994	MARION ISLAND	4653S	03752E	21	1008.7	1011.4	6.1		6.9		20	126	109	1	122	89
N AMERICA																
USA (ALASKA)																
70026	BARROW/W. POST W. ROGERS	7118N	15647W	4		1016.5	-7.8	2.5	2.9		1	6	-5	2		
70133	KOTZEBUE, RALPH WIEN	6652N	16238W	5		1008.2	-6.0	-9	3.4		0	0	-18	0		
70200	NOME	6430N	16526W	7		1006.4	-3.8	-1.6	4.2		3	17	-17	2		
70219	BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46		1004.8	-4.0	-2.6	4.7		3	12	-24	1		
70231	MCGRATH	6258N	15537W	103		1005.1	-5.4	-1.3	4.0		3	19	-16	2		
70261	FAIRBANKS/INT.	6449N	14752W	138		1006.0	-6.9	-3.1	3.6		5	23	1	4		
70273	ANCHORAGE/INT.	6110N	15001W	40		1000.1	1.3	-1	5.6		9	66	15	4		
70308	ST. PAUL	5709N	17013W	9		1006.5	2.4	-8	6.5		16	72	1	3		
70316	COLD BAY	5512N	16243W	31		1003.7	2.9	-1.3	7.1		23	119	9	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	QUINILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
70326 KING SALMON	5841N	15639W	15			1001.2	-1.7	-1.9	5.0		8	56	4	4		
70361 YAKUTAT	5931N	13940W	9			1004.5	4.9	.0	8.3		28	729	146	4		
70398 ANNETTE ISLAND	5502N	13134W	34			1013.5	7.5	- .8	9.6		22	391	-1	3		
USA																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1014.0	26.5	- .2	27.3		15	319	207	5		
72202 MIAMI, FL.	2549N	08017W	4			1014.4	26.2	.5	26.2		13	370	227	5		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1015.4	25.9	.5	24.9		9	395	228	5		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1016.4	23.9	- .1	22.0		9	213	152	6		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1017.8	21.4	.4	20.9		5	82	9	4		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1019.1	19.8	.2	18.1		7	50	-10	3		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1019.2	19.0	- .3	17.8		9	158	85	5		
72211 TAMPA/INT., FL.	2758N	08232W	3			1016.3	24.6	.8	23.4		6	73	22	4		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1018.1	21.4	1.0	18.7		4	41	-33	2		
72217 MACON/LEWIS B.WILSON, GA.	3242N	08339W	110			1019.4	18.3	.1	17.0		3	74	19	4		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1019.6	17.3	- .4	15.7		4	72	0	4		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1020.0	16.9	.1	14.0		6	61	-16	3		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1018.6	20.4	.2	19.5		5	121	47	4		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1019.2	18.6	- .2	15.8		3	83	21	4		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1018.3	21.5	.9	18.8		9	139	62	5		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1019.3	18.0		14.8		4	109		5		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1019.0	18.3	.1	15.2		4	146	64	5		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1018.8	20.7	.1	16.7		4	33	-67	2		
72242 GALVESTON, TX.	2918N	09448W	16			1018.1	22.6	- .1	21.0		6	76	4	4		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1018.2	20.5	- .4	17.2		3	14	-94	1		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1018.7	18.6	- .6	13.8		6	82	-12	3		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1016.9	23.5	- .8	20.2		4	18	-53	1		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1017.5	22.2	-1.1	19.5		3	46	-30	3		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1017.5	20.9	- .3	13.2		3	33	-47	2		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1017.8	21.7	- .4	15.6		2	29	-58	2		
72256 WACO, MADISON-COOPER, TX.	3137N	09713W	155			1018.1	20.7	.4	13.1		3	49	-36	3		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1018.2	20.6	1.0	12.0		4	57	-32	3		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1018.2	18.9	- .1	10.8		4	24	-37	2		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1017.1	17.7	- .1	8.3		3	7	-37	2		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1018.0	18.9	- .2	10.0		6	42	-21	3		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1017.5	15.7	- .6	9.2		2	16	-31	2		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1016.1	17.7	- .1	8.5		1	14	-5	3		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1013.3	23.8	2.5	6.1		0	0	-26	1		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1012.7	26.3	2.7	7.2		0	0	-16	1		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1015.3	20.5	.7	16.4		0	0	-9	1		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1015.0	20.1	.8	15.9		0	0	-8	2		
72304 CAPE HATTERAS, NC.	3516N	07533W	3			1020.2	19.1	.5	16.4		8	127	1	4		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1021.1	14.7	- .9	13.6		6	63	-9	3		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1020.4	16.2	.0	14.5		5	206	126	5		
72310 COLUMBIA, SC.	3357N	08107W	69			1020.0	17.1	- .3	15.9		7	53	-24	3		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1020.1	16.1	.3	13.6		11	149	48	4		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1020.7	14.9	-1.4	14.0		7	139	54	5		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1021.1	13.3	.0	12.0		6	84	-7	3		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1021.1	14.1	- .7	12.1		8	59	-29	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.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1020.6	16.7	.9	13.4		4	96	15	4		
72326 KNOXVILLE/MUN., TN	3549N	08359W	299			1020.2	14.6	-1	13.0		6	72	0	3		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1020.5	15.5	-3	11.5		3	52	-14	3		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141			1019.1	17.4	.6	11.7		4	87	-6	4		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1017.9	18.6	.5	12.4		6	89	20	4		
72365 ALBUQUERQUE/INT., NM.	3503N	10637W	1620			1017.3	14.7	.8	5.6		1	7	-15	2		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664			1015.5	22.1	1.9	7.3		0	0	-5	2		
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100			1016.2	20.4	2.0	11.1		0	0	-13	1		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1021.4	13.9	-9	13.3		4	57	-32	3		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1021.0	13.9	-1.5	12.3		6	55	-21	2		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1020.4	12.2	-1.5	12.0		7	63	-12	3		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1020.3	12.4	-3	12.0		7	88	17	4		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1020.4	13.3	-3	12.1		6	90	24	4		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1021.2	13.1	-5	12.9		5	30	-67	1		
72412 BECKLEY (RALEIGH CTY. MUN), WV.	3747N	08107W	766			1021.2	11.0	-3	10.2		8	55	-18	2		
72414 CHARLESTON/KANAWHA., WV.	3822N	08136W	299			1020.7	12.6	-8	11.9		6	87	14	4		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1020.0	12.8	.0	10.3		6	63	-9	3		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1021.0	13.7	.0	11.9		2	41		2		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1020.3	14.9	.7	11.5		3	73	5	4		
72425 HUNTINGTON, WV	3822N	08233W	255			1020.3	12.9	-5	11.2		5	97	26	4		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1020.0	12.9	.8	10.6		7	25	-29	2		
72429 DAYTON/. COX, OH	3952N	08407E	306			1020.4	12.4	.1	9.6		6	27	-36	1		
72432 EVANSVILLE/REG., IN.	3803N	08732W	118			1020.4	13.7	-3	10.8		2	71	-1	4		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1019.7	14.9	.2	12.4		6	52	-16	3		
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246			1020.0	12.8	.2	10.1		5	46	-20	2		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1020.1	12.7	-4	9.5		5	46	-20	3		
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274			1019.7	13.7	.1	10.6		5	33	-48	2		
72476 GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475			1019.0	12.5	-1	4.1		1	4	-20	1		
72483 SACRAMENTO/EXECUTIVECA.	3831N	12130W	8			1016.4	18.4	.5	10.5		0	3	-24	2		
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1019.8	9.4	1.7	3.3		0	0	-22	0		
72488 RENO/INT., NV.	3930N	11947W	1341			1019.8	13.4	3.0	5.2		2	11	2	4		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1017.3	16.7	.6	13.7		2	13	-18	3		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1019.5	14.1	.0	10.4		7	73	-3	3		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1019.2	11.3	-7	10.3		9	114	21	4		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1019.0	10.5	-7	9.6		9	90	0	3		
72509 BOSTON/LOGAN INT., MA	4222N	07102W	9			1018.6	11.6	-1.1	9.9		9	109	26	4		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1019.4	9.4	-1.4	9.1		7	39	-31	2		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1019.7	8.3	-1.0	8.6		9	29	-44	1		
72517 ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117			1020.4	10.3	-1.5	9.9		7	64	-10	3		
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124			1018.5	9.6	-8	8.8		9	70	-12	3		
72520 PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373			1020.7	11.2	-1	9.0		8	39	-20	2		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1019.9	10.8	-5	10.7		6	59	0	3		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1019.9	10.1	-6	8.9		9	65	-1	3		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1018.5	10.0	-6	8.7		10	75	-3	3		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1018.6	10.5	-1	9.4		10	54	-8	3		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1019.0	11.6	.0	9.1		4	27	-34	2		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1019.7	12.4	.2	9.1		4	34	-33	2		
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252			1020.3	11.0	-6	10.3		8	59	-4	3		
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236			1019.7	11.4	.0	9.2		6	35	-43	1		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr			
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1019.4	10.8	.1	8.9	4	49	-4	3			
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1019.3	10.7	.0	9.2	4	40	-13	3			
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1019.2	11.9	.2	9.3	3	22	-52	1			
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1019.2	12.0	.1	8.1	1	4	-62	0			
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1019.3	10.8	.0	6.7	1	5	-35	1			
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1019.9	10.3	-.7	7.2	4	6	-43	1			
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1019.7	10.0	.2	6.6	2	6	-18	1			
72564 CHEYENNE, WY.	4109N	10449W	1872			1018.7	8.6		6.3	2	7		2			
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1019.1	8.7	.7	4.2	3	6	-18	1			
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1019.8	12.6	.8	5.0	0	T	-36	1			
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1018.7	8.7	.5	5.1	3	17	-11	3			
72578 POCATELLO/NUM., ID.	4235N	11236W	1365			1021.2	9.2	.3	4.5	1	10	-13	2			
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1020.8	9.8	.5	5.6	1	6	-9	2			
72594 EUREKA, CA.	4048N	12410W	18			1018.0	11.3	-1.3	11.4	4	41	-26	3			
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1019.5	13.9		8.3	7	44		4			
72605 CONCORD/MUN., NH.	4312N	07130W	105			1018.7	7.8		7.8	8	63		3			
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1018.2	8.0	-1.2	8.9	7	99	0	3			
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1018.1	7.7	-1.1	7.5	8	81	8	4			
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1019.0	9.6	-.1	9.2	5	26	-45	1			
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1018.8	9.5	-.7	9.6	6	21	-50	1			
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1019.2	8.9	-1.2	8.5	4	39	-16	2			
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1018.6	11.2	1.0	9.2	5	24	-37	1			
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1018.7	9.4	.0	8.2	6	22	-33	1			
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1018.7	8.3	-.5	7.5	2	23	-35	1			
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1018.2	7.8	-1.1	7.9	5	17	-39	1			
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1018.7	9.1	-.1	6.7	3	9	-36	2			
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1018.8	8.9	-.3	7.6	4	18	-19	2			
72658 MINNEAPOLIS/ST. PAUL INTL, MN.	4453N	09313W	255			1018.0	9.8	.5	6.7	5	23	-32	2			
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1018.9	10.1	.8	5.5	2	2	-25	0			
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1019.3	8.8	.6	6.1	5	20	-10	3			
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1018.5	10.2	.7	5.3	1	3	-26	1			
72681 BOISE/MUN., ID.	4334N	11613W	874			1020.3	12.5	1.5	5.2	2	3	-16	1			
72688 PENDLETON, OR.	4541N	11851W	456			1020.2	10.6	-.7	7.3	6	38	17	5			
72698 PORTLAND/INT., OR.	4536N	12236W	12			1020.5	12.9	.4	9.8	7	63	-4	3			
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1016.0	4.6	-1.6	7.0	11	88	10	4			
72743 MARQUETTE, MI.	4632N	08733W	434				5.4	-1.0	6.5	0	88	-3	3			
72745 DULUTH/INT., MN.	4650N	09211W	432			1017.6	5.7	-.8	6.2	5	60	-3	3			
72747 INT. FALLS/FALLS INT. MN.	4834N	09323W	361			1017.0	4.4	-1.4	6.3	7	17	-33	1			
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1018.0	6.8	-.8	6.3	4	26	-16	3			
72764 BISMARCK/MUN., ND.	4646N	10045W	506			1018.2	7.4	-.2	6.5	3	11	-11	3			
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1018.6	6.4	-.7	5.9	2	5	-14	2			
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1018.3	7.9	.1	6.1	2	10	-5	3			
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1021.6	7.8	.5	5.6	4	10	-5	3			
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972			1022.2	7.1	.3	6.0	7	37	19	5			
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325			1021.0	8.7	-1.2	6.1	1	10	-1	4			
72785 SPOKANE/INT., WA.	4738N	11732W	721			1020.5	8.5	.0	6.2	5	23	-2	4			
72792 OLYMPIA, WA.	4658N	12254W	61			1020.6	9.5	-.3	9.8	12	98	-11	3			
72793 SEATTLE/S.-TACOMA, WA.	4727N	12218W	137			1020.4	11.3	-.3	10.4	10	57	-25	2			
72797 QUILLAYUTE, WA.	4757N	12433W	62			1019.7	9.0		11.5	12	368		4			

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
74492 BLUE HILL OBS., MA.	4213N	07107W	195		995.1	1019.1	10.7	- .4	9.7		10	110	10	4	219	113
CANADA																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74		1002.1	1011.5	-5.9	-1.1	3.5		5	12	-17	1	33	
71066 HIGH LEVEL, ALTA	5837N	11710W	338		969.8	1011.5	1.8		4.7		6	18		6	118	0
71069 SLAVE LAKE, ALTA	5518N	11447W	581		944.3	1014.4	4.5	.6	5.3		6	16	-11	6		
71081 HALL BEACH, N.W.T.	6847N	08115W	8		1012.7	1013.7	-9.9	.1	2.8		8	24	2	3		
71090 CLYDE, N.W.T.	7029N	06831W	26		1009.6	1013.6	-9.4	-2.1	2.7		9	78	42	5		
71094 CAPE DYER, N.W.T.	6635N	06137W	393		918.1	1007.9	-10.0	-2.1								
71095 POND INLET, N.W.T.	7242N	07758W	55		1007.1	1014.3	-12.4		2.1		5	8		6		
71101 SANDSPIT, B.C.	5315N	13149W	6		1013.1	1013.9	9.1	.0	10.0		19	154	-41	2		
71109 PORT HARDY, B.C.	5041N	12722W	22		1016.5	1019.2	8.0	- .6	9.2		17	176	-83	2	93	95
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40		1009.7	1014.3	7.0	.0	7.7		1	6	-140	6		
71600 SABLE ISLAND, N.S.	4356N	06001W	4		1016.8	1017.3	11.6	.1	11.6		16	163	42	4		
71601 SHEARWATER, N.S.	4438N	06330W	51		1010.8	1017.1	8.8	- .5	9.3		10	187	66	5	189	120
71603 YARMOUTH, N.S.	4350N	06605W	43		1012.7	1018.0	9.0	- .3	9.8		10	138	31	6	186	0
71624 TORONTO PEARSON INT'L. AIRPO	4340N	07938W	173		997.4	1018.5	9.4	.5	8.9		6	62	-1	3	179	0
71627 MONTREAL/DORVAL INT'L, QUE	4528N	07345W	36		1012.7	1017.1	7.8	- .5	8.0		13	90	15	4		
71727 BAGOTVILLE, QUE.	4820N	07100W	159		996.4	1016.0	3.7	-1.3	6.2		14	110	33	5		
71731 NORTH BAY, ONT.	4621N	07926W	371		971.8	1016.7	5.1	-1.1	7.2		14	130	41	4	117	95
71803 GANDER INT. AIRPORT, NFLD.	4857N	05434W	151		994.4	1013.0	4.9	-1.0	7.3		16	121	16	4	126	115
71811 SEPT-ILES, QUE.	5013N	06616W	55		1006.8	1013.7	2.6	- .8	5.7		16	107	7	3	128	105
71815 STEPHENVILLE, NFLD.	4832N	05833W	26		1010.0	1013.3	6.8	- .2	8.0		23	169	50	5	108	110
71816 GOOSE, NFLD.	5319N	06025W	49		1005.0	1011.1	1.3	-1.2	5.1		12	92	14	4	111	115
71831 KAPUSKASING, ONT.	4925N	08228W	227		987.6	1015.6	2.6	-1.6	5.8		18	139	61	5		
71852 WINNIPEG INT. AIRPORTMAN.	4954N	09714W	239		987.2	1016.6	4.3	-1.4	6.2		7	20	-9	2		
71863 REGINA, SASK.	5026N	10440W	577		948.6	1018.6	4.0	-1.1	5.8		2	13	-7	3		
71867 THE PAS, MAN.	5358N	10106W	271		981.5	1014.9	3.2	- .3	6.2		10	34	-3	3	110	90
71872 MEDICINE HAT, ALTA.	5001N	11043W	717		932.2	1016.9	8.0	.7	5.8		2	10	-5	6	155	0
71874 LETHBRIDGE, ALTA.	4938N	11248W	929		909.0	1017.7	7.5	.0	5.6		17	45	30	6		
71887 KAMLOOPS, B.C.	5042N	12027W	346		978.4	1020.4	8.1	- .4	6.9		6	18	4	6	157	0
71892 VANCOUVER INT. AIR- PORT, B.	4911N	12310W	2		1019.8	1020.3	9.6	- .4	10.3		12	140	25	4	161	130
71896 PRINCE GEORGE, B.C.	5353N	12241W	691		935.0	1017.9	5.0	.2	5.9		8	21	-38	0	159	140
71906 KUUVJUAQ, QUE.	5806N	06825W	37		1005.8	1010.6	- .7	.1	4.5		8	41	-11	2	42	80
71907 INUKJUAK, QUE	5827N	07807W	6		1008.4	1011.6	- .8	- .7	5.1		15	52	0	3		
71909 IQALUIT, N.W.T.	6345N	06833W	34		1008.3	1012.9	-5.1	- .2	3.5		7	18	-24	1		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		1007.0	1013.5	-4.3		3.6		8	20		6		
71924 RESOLUTE, N.W.T.	7443N	09459W	67		1007.0	1016.0	-15.5	- .3	1.8		4	10	-3	3		
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1013.6	1016.0	-7.4	.0	3.4		10	24	-11	2	35	
71932 FORT MCMURRAY, ALTA.	5639N	11113W	369		968.1	1013.4	3.4	.1	4.9		6	16	-16	6		
71935 HAY RIVER, N.W.T.	6050N	11547W	166		989.7	1010.4	1.2	.3	5.1		8	30	-4	6		
71945 FORT NELSON, B.C.	5850N	12235W	382		964.5	1011.4	1.9	.9	5.1		3	9	-21	1	116	115
71950 SMITHERS, B.C.	5449N	12711W	523		952.9	1015.6	4.6	- .1	6.8		8	34	-28	6		
71953 WATSON LAKE, Y.T.	6007N	12849W	690		927.0	1010.9	2.4	2.5	4.9							
71957 INUVIK, N.W.T.	6818N	13329W	68		1004.5	1013.4	-9.8	-1.6	2.4		6	21	-8	1		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		921.9	1006.0	1.9	1.2	4.7		5	33	10	5	74	80
ST. PIERRE AND MIQUELON																
71805 SAINT-PIERRE	4646N	05610W	5		1012.1	1014.9	8.4	2.5	9.5		18	241	136	5		85

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
MEXICO																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		861.6	1015.2	18.0		9.4		0	T		0	156	65
76256 EMPALME, SON	2755N	11054W	11		1009.9	1011.5	27.2		18.0		0	0		0	302	205
76373 TEPEHUANES, DGO	2521N	10547W	1967		822.9	1017.4	18.4		6.8		1	1		0	306	230
76382 TORREON, COAH.	2532N	10327W	1124		891.4	1013.0	22.1		12.3		0	0		0	301	260
76390 SALTILLO, COAH	2527N	10059W	1790		824.7	1014.0	16.8		10.4		2	5		0	268	200
76393 MONTERREY, N.L.	2552N	10012W	512		958.5	1016.2	22.5		20.4		2	9		0	244	280
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1007.0	1013.0	25.2		18.8		0	0		0	296	210
76405 LA PAZ, B.C.S.	2416N	11025W	18		1009.8	1011.8	28.1		20.5		0	0		0	307	225
76423 DURANGO, DGO	2402N	10440W	1872		818.3	1013.6	17.6		9.0		1	1		1	299	240
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1009.2	1010.2	28.0	.7	30.0	1.6	6	29	-66	2	273	110
76548 TAMPICO, TAMP	2213N	09751W	9		1013.6	1016.6	24.8	-7	24.3	-1.2	10	185	96	5	187	97
76556 TEPIC, NAY	2131N	10454W	922		909.3	1009.1	23.0		23.0		7	57		3	243	225
76577 GUANAJUATO, GTO.	2101N	10115W	1999		805.3	1013.2	17.6	-3	13.1	-4	3	16	-24	6	247	101
76634 TULANCINGO HGO	2005N	09822W	2181		788.0	1014.2	13.5		13.3		13	341			174	175
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1011.9	1012.9	25.7	-1	27.8	1.4	15	311	217	5	192	88
76647 VALLADOLID, YUC.	2042N	08813W	22		1008.6	1011.6	24.8		26.5		10	69		2	199	175
76654 MANZANILLO, COL.	1903N	10420W	3		1010.6	1011.0	27.4		28.8		6	29		2	235	195
76665 MORELIA, MICH.	1942N	10111W	1913		811.5	1010.7	17.5	.1	11.5	-1.9	6	30	-23	1	284	153
76675 TOLUCA, MEX	1918N	09940W	2720			1011.2	11.4		9.5		6	77			191	195
76680 MEXICO (CENTRAL), D.F.	1924N	09912W	2308		776.0	1010.8	14.9	-6	11.0	-6	10	90	29	5	162	92
76685 PUEBLA, PUE.	1903N	09810W	2179		789.0	1009.4	14.9		11.5		10	90		4	215	175
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1015.6	1016.7	25.4	-1.1	26.0	-5	7	157	26	4	176	91
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1007.4	1008.9	27.2		30.2		13	123			204	185
76743 VILLAHERMOSA, TAB	1759N	09255W	10		1012.3	1014.3	25.0		29.2		21	742			158	210
76750 CHETUMAL, Q.ROO	1829N	08818W	9		1002.2	1003.2	27.0		29.2		13	197		4	189	170
76805 ACAPULCO, GRO.	1650N	09956W	13		1011.5	1011.5	27.1	-9	30.1	-5	5	46	-99	2	232	95
76848 COMITAN, CHIS.	1615N	09208W	1530		837.7	1000.2	17.2		16.5		15	219			174	160
76903 TAPACHULA, CHIS.	1455N	09216W	182		999.2	1012.8	26.0		27.6		15	199		1	136	150
BAHAMAS																
78073 NASSAU AIRPORT	2503N	07728W	7		1014.0	1014.8	27.2	1.3	28.9	2.5	11	225	50	4	245	110
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1012.1	1012.2	28.2		28.7		19	221			197	15
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1012.1	1012.2	28.2		28.2		19	221			197	15
DOMINICAN REPUBLIC																
78458 PUERTO PLATA	1945N	07034W	5		1011.7	1012.3	27.5		29.9		11	85				
78486 SANTO DOMINGO	1826N	06953W	14		1009.7	1011.7	27.7	1.0	29.9	2.6	21	270	84	5		
PUERTO RICO AND US POSS																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1013.0	27.5	-2	29.8		19	187	42	4		
BELIZE																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1011.5	1012.0	26.5	-1	29.0		15	107	-148	1	233	120
NICARAGUA																

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1004.3	1010.5	25.9		27.3		18	192		3	165	90
COSTA RICA																
78760 PUNTARENAS	0958N	08450W	3		1009.6	1009.9	26.2	-.1	29.9		13	54	-202	1	157	94
78762 JUAN SANTAMARIA	1000N	08413W	939		910.1	1011.2	20.9	-.3	22.4		24	265	-65	1		
78767 PUERTO LIMON	1000N	08303W	3		1010.3	1011.1	25.8	.4	28.6		12	235	37	4	149	91
ST. MAARTEN, ST. EUST., SABA																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1013.3	1013.8	28.3	.5	29.7	.8	18	354	245	6	230	97
ST. MARTIN, ST. BARTH., GUAD.																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1011.6		27.8	.8	29.1		15	195	-33	2	176	85
MARTINIQUE																
78925 LE LAMENTIN	1436N	06100W	7		1011.6	1012.5	27.3	.6	28.5	-.9	18	161	-109	1	204	89
BARBADOS																
78954 GRANTLEY ADAMS	1304N	05929W	56		1006.2	1012.6	26.9		31.6		13	263		5	220	60
TRINIDAD AND TOBAGO																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1014.6	1012.1	26.8	.4	30.1	1.4	17	233	34	4	177	86
CURACAO AND BONAIRE																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1011.0	1011.9	29.0	.7	32.4	2.3	10	150	67	5	237	97
COLOMBIA																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1011.0	1011.1	27.1	-.3	30.2	-.6	19	650	348	6	166	94
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				26.8		29.8		19	472		1	158	75
S AMERICA																
COLOMBIA																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.8	1010.3	26.9	-.8	30.2	1.2	18	275	182	5	183	80
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1010.5	1010.7	27.2	-.4	29.8	-.6	13	293	49	4	216	124
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1009.3	1011.0	26.0	-1.3	32.1	1.9	18	171	-11	3	159	98
80084 APARTADO/LOS CEDROS	0748N	07642W	20				26.9		29.4		19	208		2	153	120
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				26.8	-.3	28.9	.5	22	565	172	5	163	101
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189				20.5		21.5		12	137	-20	3		
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		975.5	1010.1	27.0	-.6	25.3	-.1	14	242	102	5	342	175
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		989.8	1004.2	26.3	-.4	28.8	.0	12	153	-8	3	204	107
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		791.1		15.8		15.3		25	210		0	125	55
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55				27.7	.2	28.2	.8	25	210	23	4	125	65
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.1	.1	28.3	-.9	26	571	-50	2	128	108
80210 PEREIRA/MATECANA	0449N	07544W	1342		866.2		20.4	-.5	19.5	.2	20	324	50	4	116	86
80214 IBAGUE/PERALES	0426N	07509W	928				23.0	-.1	23.8	1.3	16	214	-18	3	174	119
80222 BOGOTA/ELDORADO	0442N	07408W	2546		752.6		13.1	-.1	12.3	-.3	23	199	84	5	113	95
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		959.8	1000.9	25.2	.1	25.6	.6	25	594	163	5	170	113
80241 LAS GAVIOTAS	0433N	07055W	167		989.2	1008.5	25.4	-.4	27.5	-.3	19	255	-11	3	164	99

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STATION		LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
						MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
		O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
80259	CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		905.3		22.5		21.0		14	157	39	4	145	75
80315	NEIVA/BENITO SALAS	0258N	07518W	443		959.1	1007.8	26.4	-1.1	24.4		13	330	118	5	192	114
80370	IPIALES/SAN LUIS	0049N	07738W	2961				10.5	- .6	10.4	- .5	9	58	-49	1	120	102
80398	LETICIA/VASQUEZ COBO	0433S	06932W	84		1001.1	1010.6	26.0	- .3	29.1	.1	13	212	-79	1	157	92
VENEZUELA																	
80403	CORO	1125N	06941W	17		1011.1	1013.0	28.0	- .3	29.7		8	236	183	6	228	91
80407	MARACAIBO-LA CHINITA	1034N	07144W	65		1002.7	1010.3	26.7	- .8	29.6		11	142	28	4	183	101
80410	BARQUISIMETO	1004N	06919W	614		942.5	1010.1	24.0	.0	23.6		7	88	39	5	201	89
80413	MARACAY - B.A. SUCRE	1015N	06739W	437		961.7	1010.1	25.6	.9	27.5		17	201	102	6	210	89
80415	CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1006.1	1011.5	26.9	- .4	27.8		13	122	66	5	180	87
80416	CARACAS/LA CARLOTA	1030N	06653W	835		921.7	1600 Y	21.0	-1.4	18.8		15	198	75		172	82
80419	BARCELONA	1007N	06441W	7		1008.5	1009.4	26.7	- .3	28.9		14	143	84	5	214	81
80420	CUMANA	1027N	06411W	4		1009.3	1009.9	27.5		27.5		6	33			232	95
80421	PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19		1009.4	1011.6	28.1		28.0		8	76			270	95
80423	GUIRIA	1035N	06219W	14		1007.8	1008.5	26.4	-1.0	28.5		12	200	84	5	230	100
80425	MENE GRANDE	0949N	07056W	28		1007.2	1010.3	27.0	.1	29.9		17	97	-81	1	172	91
80426	VALERA	0921N	07037W	582		946.3	1010.4	24.2		26.1		18	244			136	95
80427	ACARIGUA	0933N	06914W	225		985.3	1010.6	25.6	.0	25.7		11	262	85		211	105
80428	GUANARE	0901N	06944W	163		991.2	1009.5	25.9	.1	27.0		11	186	14		212	102
80431	SAN JUAN DE LOS MORROS	0955N	06720W	429		960.4	1007.5	25.0		25.7		12	113			192	85
80432	CARRIZAL	0925N	06655W	161		1006.8	1008.7	25.8		27.3		11	151			212	85
80434	VALLE DE LA PASCUA	0913N	06601W	125		990.4	1005.2	25.6		27.0		16	188			206	
80435	MATURIN	0945N	06311W	66		1006.6	1014.1	26.4	- .3	25.3		14	204	97	5	204	88
80437	EL VIGIA	0838N	07139W	103		1002.0	1009.9	26.5		27.0		14	286			170	
80438	MERIDA	0836N	07111W	1498		851.8	1515 Y	19.5	.4			22	209	-74	1	177	92
80440	BARINAS	0837N	07013W	204		989.3	1010.4	26.4		28.3		11	235			210	
80442	CALABOZO	0856N	06725W	101		999.8	1011.3	26.3		28.0		15	210			212	
80444	CIUDAD BOLIVAR	0809N	06333W	48		1004.7	1009.8	27.3	- .9	28.7		8	99	2	3	231	89
80447	SAN ANTONIO DEL TACHIRA	0751N	07227W	378		966.9	1008.8	26.4	- .1	24.4		11	152	32	4	179	93
80448	GUASDUALITO	0714N	07048W	131		997.9	1012.9	25.6	- .3	25.2		11	121	-66		223	114
80450	SAN FERNANDO DE APURE	0754N	06725W	48		1004.7	1010.3	26.9	- .2	29.8		12	305	206	6	232	96
80453	TUMEREMO	0718N	06127W	181		990.3	1010.7	26.3	.3	25.8		14	160	84	5	231	104
80457	PUERTO AYACUCHO	0536N	06730W	74		1003.1						17	185	2	3	194	97
80462	SANTA ELENA DE UAIREN	0436N	06107W	907		913.8	1505 Y	22.3	.8	20.2		15	243	121	5	210	87
80472	VALENCIA	1010N	06756W	431		962.3	1010.4	23.0		23.5		14	78			184	
80475	STO. DOMINGO (B.A.)	0735N	07204W	327		976.2	1015.9	24.5		21.2		18	223			184	
80478	TEMBLADOR	0901N	06237W	30		1006.5	1010.1	26.9		24.9		7	84			201	85
80479	PALMICHAL	1018N	06814W	1000		900.6		20.5		21.0		8	62			156	
GUYANA																	
81001	GEORGETOWN	0648N	05809W	2		1011.6	1012.0			30.2	.4	12	114	7	4	229	97
81002	TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1008.0	1011.5	27.9	1.9	29.4	.7	13	225	89	1	222	
SURINAME																	
81225	ZANDERIJ	0527N	05512W	15		1009.4	1011.4	26.4				18	259			237	
FRENCH GUIANA																	
81401	SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1011.3	1012.4	27.2		29.6		12	71	-34	2	204	82

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1010.6	1011.5	26.9		27.3		6	43	-38	2		
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1010.4	1011.2	26.7		27.0		4	18	-49	1	228	92
81415 MARIPOASOULA	0338N	05402W	106		999.4	1011.4	26.6		27.3		10	84	12	4	234	90
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				28.2		29.3		9	100		4		
82098 MACAPA	0002N	05103W	15		1008.8	1010.3	28.9	1.0	29.5		3	14	-21			
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90		998.2	1008.5	25.6		28.6		17	152		3		
82191 BELEM	0127S	04828W	10		1010.1	1010.7	27.0	.6	30.6		15	128	12	4		
82212 FONTE BOA	0232S	06610W	56		1003.4	1009.6	27.0		31.6		9	115		2		
82246 BELTERRA	0238S	05457W	176		992.8	1012.5	26.6	.8	30.6		7	113	66			
82280 SAO LUIZ	0232S	04418W	51		1005.1	1010.9	27.2	.6	28.1		1	1	-9	3		
82287 PARNAIBA	0305S	04147W	22		1005.7	1008.4	27.7	.2	25.4		0	0	-3			
82331 MANAUS	0308S	06001W	72		1003.7	1012.0	27.3	-.3	29.0		9	132	7	3		
82397 FORTALEZA	0346S	03836W	26		1009.0	1012.1	27.3	.3	25.6		2	9	-6	3		
82425 COARI	0405S	06308W	46		1006.4	1012.0	27.4		30.0		12	134		2		
82445 ITAITUBA	0416S	05559W	45		1007.7	1012.9	27.7	-.1			8	104				
82562 MARABA	0521S	04909W	95		1001.4	1012.5	27.7	1.0	27.9		6	141	22			
82571 BARRA DO CORDA	0530S	04516W	153		992.1	1011.6	28.2	1.2	23.4		2	48	0	3		
82578 TERESINA	0505S	04249W	74		1001.0	1011.0	29.1	.1	25.5		2	16	-2	2		
82586 QUIXERAMOBIM	0512S	03918W	212		984.0	1007.5	28.3	.5	18.1		2	4	2	5		
82598 NATAL	0546S	03512W	45		1007.9	1013.1	25.0		29.2		5	15		4		
82678 FLORIANO	0646S	04301W	123		995.7	1011.2	30.0	1.2	20.8		3	17	-47			
82704 CRUZEIRO DO SUL	0738S	07240W	170		987.5	1005.3	25.6		28.6		15	125		1		
82765 CAROLINA	0720S	04728W	192		988.9	1012.6	27.6	1.0	24.0		7	212	56	5		
82784 BARBALHA	0719S	03918W	409		965.1	1011.6	27.3	.6	17.6		2	15	13			
82791 PATOS	0701S	03716W	249		982.3	1010.6	28.3		17.8		2	22				
82825 PORTO VELHO	0846S	06305W	95		998.8	1006.7	26.4	.6	26.7		10	103	-82			
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		991.1	1008.8	27.6	1.6			2	38	-131	1		
82900 RECIFE (CURADO)	0803S	03455W	7		1013.4	1014.2	25.9	.4	25.4		11	90	24	5		
82915 RIO BRANCO	0958S	06748W	136		991.9	1007.1	25.5	-.2	28.7		12	161	-10			
82983 PETROLINA	0923S	04029W	370		970.6	1012.0	27.0	-.8	18.9		3	6	-15			
83064 PORTO NACIONAL	1031S	04843W	250		984.3	1011.0	27.8	1.0	23.1		10	200	17	5		
83096 ARACAJU	1055S	03703W	6		1012.2	1012.9	24.7	-1.2	26.0		12	184	112	5		
83186 JACOBINA	1111S	04028W	484		955.9	1011.5	23.5	-1.2	20.7		9	34	3	4		
83229 SALVADOR	1301S	03831W	51		1009.6	1014.3	24.7	-.3	25.6		14	164	42	5		
83235 TAGUATINGA	1216S	04626W	660		944.3	1010.7	27.0	1.6	21.3		8	131	-14	4		
83236 BARREIRAS	1209S	04500W	440		961.0	1011.5	28.3	2.4	20.6		8	152	49			
83242 LENCIS	1234S	04123W	438		964.8	967.4	22.8	-1.0	22.8		14	152	57	5		
83264 VERA (GLEBA CELESTE)	1212S	05630W	415		969.2	1010.3	26.9	1.9	29.2		11	182	4			
83288 BOM JESUS DA LAPA	1316S	04325W	440		961.7	1012.4	26.9	.1	21.2		7	92	18			
83332 POSSE	1406S	04622W	950		921.0	1010.7	25.1	.7	19.0		11	206	83			
83344 VITORIA DA CONQUISTA	1457S	04053W	893		914.8	1014.5	19.2	-1.5	17.9		8	32	-24	3		
83361 CUIABA	1533S	05607W	179		943.0	1013.2	28.7	1.3	27.3		10	141	26	4		
83377 BRASILIA	1547S	04756W	1158		886.4	1011.9	22.3	.2	17.1		9	200	28			
83423 GOIANIA	1641S	04917W	729		926.6	1007.5	26.4	1.8	20.3		7	175	5	4		
83437 MONTES CLAROS	1643S	04352W	646		941.0	1012.1	24.5	.8	15.9		6	36	-74	3		
83492 TEOFILO OTONI	1751S	04130W	356		977.6	1016.2	23.0	.1	20.0		5	44	-81	2		
83498 CARAVELAS	1744S	03915W	3		1016.5	1017.0	23.3	-.9	19.2		11	95	-52	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.
					O'	O'	m	mb	mb	°C	°C	mb	mb	mm	mm	hr
83552 CORUMBA	1900S	05739W	130		994.2	1010.9	27.8	1.2	24.7		4	31	-51	1		
83579 ARAXA	1934S	04656W	1004		900.8	1013.1	22.8	1.4	23.9		9	228	75	4		
83587 BELO HORIZONTE	1950S	04356W	850		914.4	1015.3	21.1	- .8	15.6		7	84	-39	2		
83592 CARATINGA	1948S	04209W	609		947.0	1015.0	21.0	-1.0	16.9		8	61	-58	2		
83611 CAMPO GRANDE	2028S	05440W	560		952.9	1011.5	25.1	1.0	18.7		7	183	53	4		
83648 VITORIA	2019S	04020W	36		1013.8	1017.9	22.4	-1.1	21.1		9	114	-12	3		
83676 CATANDUVA	2108S	04858W	536		951.0	1018.1	24.3	1.1	25.3		4	13	-100	0		
83698 CAMPOS	2145S	04120W	11		1016.4	1017.8	22.0		20.4		9	96		4		
83766 LONDRINA	2323S	05111W	566		949.3	1017.0	21.5	.8	17.8		8	90	-66			
83781 SAO PAULO	2330S	04637W	792		927.2	1016.3	17.5	-1.5	15.9		13	62	-61	1		
83836 IRATI	2528S	05038W	837		918.1	1015.6	16.0		14.4		8	82				
83842 CURITIBA	2526S	04916W	923		914.6	1018.1	15.2	-1.3	15.7		12	118	-16	3		
83881 IRAI	2711S	05314W	247		985.7	1015.0	19.6	- .6	17.0		13	328	153	5		
83897 FLORIANOPOLIS	2735S	04834W	2		1017.4	1017.6	19.2	- .4	17.9		15	230	104	6		
83967 PORTO ALEGRE	3001S	05113W	47		1012.5	1018.4	18.2	-1.0	16.3		8	116	2	3		
83980 BAGE	3120S	05406W	217		989.2	1017.6	16.4	-1.1	12.7		7	126	-4	3		
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1015.8	1020.2	15.9	.2	14.9		4	53	-34	1		
BOLIVIA																
85033 GUAYARAMERIN	1049S	06521W	130		995.4	1011.7	27.3		19.1		9	96		2		
85041 COBIJA	1102S	06847W	235		985.4	1012.1	25.9		18.0		7	64		1		
85043 RIBERALTA	1100S	06607W	141		995.5	1011.3	26.9		18.4		7	193		4		
85104 SAN JOAQUIN	1304S	06449W	140		995.5	1011.6	28.0		18.7		5	145		4		
85109 SAN RAMON	1318S	06442W	140		995.8	1011.8	27.3		18.2		5	83				
85114 MAGDALENA	1320S	06407W	141		995.7	1012.0	28.0		19.0		1	51		1		
85123 SANTA ANA	1346S	06526W	144		993.7	1010.1	27.6		17.8		5	30		1		
85141 RURRENABAQUE	1428S	06734W	204		991.3	1014.1	26.0		18.0		6	87		2		
85151 APOLO	1444S	06830W	1415		858.8		29.4		12.4		5	50		1		
85152 SAN BORJA	1452S	06652W	194		990.5	1012.9	26.7		16.6		3	21		1		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		994.7	1013.2	27.0		18.3		9	212		4		
85154 TRINIDAD	1449S	06455W	155		993.6	1011.2	26.4		16.3		8	113		3		
85175 ASCENSION DE GUARAYOS	1543S	06306W	247		981.9	1009.9	26.9		15.8		11	145		5		
85195 SAN JAVIER	1616S	06228W	534		952.8	1013.3	25.5		14.3		5	33		1		
85196 CONCEPCION	1609S	06201W	497		955.0	1011.3	26.6		15.2		3	46		2		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		965.3	1011.6	27.1		15.7		4	40		2		
85223 COCHABAMBA	1725S	06611W	2548				27.8		6.9		5	15		3		
85230 CHARANA	1735S	06936W	4054		628.5		7.9		4.2		2	7		3		
85242 ORURO	1758S	06704W	3072		653.8		11.0		5.3		6	48		5		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		962.6	1009.8	26.3		11.9		4	34		2		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		979.8	1012.1	27.5		13.1		5	82		3		
85264 VALLEGRANDE	1828S	06406W	1998		801.8				10.1		3	8				
85268 ROBORE	1819S	05946W	276		980.7	1010.9	27.2		16.5		3	20		0		
85283 SUCRE	1901S	06518W	2904				14.2		7.8		7	62		4		
85289 PUERTO SUAREZ	1859S	05749W	134		994.7	1010.0	28.0		16.8		2	27		1		
85293 POTOSI	1933S	06544W	3935		626.8		8.5		4.8		6	47				
85315 CAMIRI	2000S	06332W	798		922.9	1011.0	23.3		10.6		4	76		5		
85345 VILLAMONTES	2115S	06327W	398		966.0	1012.3	24.8		12.3		1	15				
85364 TARIJA	2133S	06442W	1854				17.9		8.8		12	78		5		
85365 YACUIBA	2157S	06339W	645		940.9	1013.7	22.3		10.7		5	69		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.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
CHILE																
85406 ARICA	1821S	07020W	55		1010.4	1017.3	17.3	-.2	14.7	-.3	0	0	0	5	206	110
85418 IQUIQUE	2032S	07011W	48		1010.9	1016.5	16.6	-.3	13.3	-.8	0	0	0	5	227	95
85442 ANTOFAGASTA	2326S	07027W	140		1000.1	1017.0	15.6	.1	12.9	-.4	0	0	-1	4	273	110
85469 ISLA DE PASCUA	2710S	10926W	69		1016.9	1025.0	19.4		16.2		7	27		1	247	115
85470 COPIAPO	2718S	07025W	290		980.8	1014.9	14.9	.1	12.0	-.5	1	1	0	5	256	95
85488 LA SERENA	2955S	07112W	146		1000.8	1017.8	13.5	.6	13.0	.8	2	16	14	5	224	115
85574 PUDAHUEL	3323S	07047W	474		961.8	1017.3	13.6	1.3	12.3	.0	1	16	7	4	203	80
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		956.5	1016.7	14.4		12.4		1	24		5	173	75
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1017.2	1020.9	13.0	.7	11.0	-1.3	1	6	-3	0	177	
85629 CURICO	3458S	07113W	220		991.0	1017.8	13.7	.7	12.2	.6	1	11	-24	2	167	75
85672 CHILLAN	3635S	07202W	148		1000.7	1015.5	13.1	1.2	12.2	1.6	2	6	-63	1	218	85
85682 CONCEPCION	3646S	07304W	13		1018.2	1019.6	12.6	1.1	11.4	.4	4	16	-48	0	225	85
85743 TEMUCO	3846S	07238W	93		1008.6	1022.4	11.7	1.1	10.9	.5	5	26	-59	1		
85766 VALDIVIA	3938S	07305W	19		1017.4	1019.7	11.4	1.0	10.9	.7	6	28	-81	1	251	125
85782 OSORNO	4036S	07303W	58		1012.6	1020.5	11.5	1.4	10.7	.7	5	29	-51	1		
85799 PUERTO MONIT	4126S	07306W	90		1009.8	1020.6	10.6	1.0	9.8	-.2	9	50	-70	1	204	135
85864 COYHAIQUE	4536S	07206W	311		980.5	1017.6	10.1	1.7								
85874 BALMACEDA	4555S	07142W	522		954.5	1016.1	8.0	1.3	7.7	1.1	2	19	-10	2	279	
85934 PUNTA ARENAS	5300S	07051W	43		1003.4	1008.5	7.2	.8	7.2	.3	3	23	-5	3	228	125
ARGENTINA																
87016 ORAN AERO	2309S	06419W	357		971.0	1011.4	22.1	-1.5	17.3	-.3	7	59	8	1	106	60
87022 TARTAGAL AERO	2239S	06349W	450		961.2	1011.6	23.2		15.5		4	70			153	
87046 JUJUY AERO	2423S	06505W	905		912.3	1510 Y	20.2		13.0		8	14		2	74	30
87047 SALTA AERO	2451S	06529W	1221		880.1	1517 Y	17.7	-1.0	12.7	.2	5	20	-6	1	181	99
87121 TUCUMAN AERO	2651S	06506W	450		962.9	1014.0	20.4		15.4		8	118			183	
87155 RESISTENCIA AERO.	2727S	05903W	52		1008.8	1014.8	21.8		17.1		9	66		2	207	100
87162 FORMOSA AERO	2612S	05814W	60		1005.4	1012.3	23.2	.6	17.7	-1.5	4	49	-71	1	236	102
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		922.9	1517 Y	17.8		15.1		7	156			202	
87166 CORRIENTES AERO.	2727S	05846W	62		1007.4	1014.6	21.8	.4	17.6	-.2	8	64	-56	1	246	101
87178 POSADAS AERO.	2722S	05558W	125		999.9	1014.3	21.7	.1	17.1	-.9	9	160	-17	1	168	84
87213 CHILECITO AERO	2914S	06726W	945			1528 Y	18.5		11.9		5	19			208	
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341						15.2	.9	5	168	112	1		
87257 CERES AERO	2953S	06157W	88		1005.5	1015.8	19.4	-.4	15.5	-.1	3	94	23	1	232	92
87270 RECONQUISTA AERO	2911S	05942W	53		1001.1	1015.4	20.0	.0	15.9	-1.9	7	38	-93	1	233	94
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1008.1	1016.3	19.2	-.6	16.8	.3	10	148	-3	1	176	85
87311 SAN JUAN AERO	3134S	06852W	598		940.7	1014.7	18.7		9.4		7	10		5	230	75
87320 CHAMICAL AERO	3022S	06617W	461		958.2	1013.9	20.8	-.8	12.1	.7	5	172	150	1	220	
87328 VILLA DOLORES AERO	3157S	06508W	569		981.4		19.3	-.5	12.9	2.1	5	120	82	1	218	83
87344 CORDOBA AERO	3119S	06413W	474		962.7	1017.0	17.5	-.7	12.9	.3	6	236	163	1	208	
87349 PILAR OBSERVATORIO	3140S	06353W	338		978.1	1017.3	17.8	.1	12.6	.2	5	208	145	1	213	86
87374 PARANA AERO	3147S	06029W	78			1017.3	18.3	.3	13.7	-.9	5	35	-71	1	217	86
87393 MONTE CASEROS AERO	3016S	05739W	54		1010.3	1016.6	19.3	-.1	16.7	.6	8	85	-55	1	214	89
87395 CONCORDIA AERO	3118S	05801W	38		1012.6	1017.1	18.9	.2	15.0	-.3	5	32	-90	1	184	
87418 MENDOZA AERO	3250S	06847W	704		936.1	1015.5	18.9	.8	10.7	1.3	4	79	68	1	222	79
87436 SAN LUIS AERO	3316S	06621W	713		934.2	1013.5	18.6	.2	9.9	-.1	7	93	58	1		
87448 VILLA REYNOLDS AERO	3344S	06523W	486		960.8	1016.8	16.2	-.5	11.6	.3	9	127	69	1	200	84

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
87453 RIO CUARTO AERO	3307S	06414W	420		968.0	1016.6	16.5	-.4			8	162	76	1	164	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1005.1	1017.4	18.0	.7	13.9	-.1	4	38	-56	1	224	105
87480 ROSARIO AERO	3255S	06047W	25		1015.5	1018.4	18.4	1.1	13.9	-.5	4	45	-46	1	236	99
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1015.0	1017.3	18.1	.7	14.3	-.1	3	19	-81	1	213	101
87506 MALARGUE AERO	3530S	06935W	1425		860.0	1521 Y	12.0	-.1	7.2	.5	7	32	13	1	229	
87509 SAN RAFAEL AERO	3435S	06824W	748		931.5	1016.6	16.5	.3	9.8	.7	8	0106	0082		215	85
87532 GENERAL PICO AERO	3542S	06345W	145		1017.9	1018.5			13.5	1.3	7	108	28	1	140	
87534 LABOULAYE	3408S	06322W	137		1002.1	1018.3	16.1	-.5	12.8	.4	8	170	94	1	218	90
87544 PEHUAJO AERO	3552S	06154W	87		1008.8	1019.1	16.4	1.3	14.2	.9	10	78	-34	1	220	96
87548 JUNIN AERO	3433S	06057W	81		1008.8	1018.3	16.2	.5	12.8	-.3	7	63	-43	1	202	91
87550 NUEVE DE JULIO	3527S	06053W	76		1009.7	1018.7	15.7	-.3	12.6	-.9	7	53	-57	1		
87563 LAS FLORES AERO	3604S	05906W	38		1015.4	1020.0	16.9		13.7		4	24		1	210	
87576 EZEIZA AERO	3449S	05832W	20		1016.9	1019.4	16.6	.7	13.3	.1	5	31	-77	1	201	120
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1019.3	1020.0	17.5	.4	14.1	-.2	2	30	-80	1	228	105
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1016.8	1019.8	17.7	.5	13.6	-.1	3	28	-91	1	204	94
87593 LA PLATA AERO	3458S	05754W	19		1017.3	1020.1	15.3	.1	15.3	1.4	2	15	-96	1	216	104
87596 PUNTA INDIO B. A.	3522S	05717W	22		1017.7	1020.4	15.7	.4	14.2	.3	2	7	-81	0	221	100
87623 SANTA ROSA AERO	3634S	06416W	191		996.5	1019.1	15.4	-.2	11.6	.1	8	114	44	1	194	86
87641 AZUL AERO	3650S	05953W	147		994.2	1019.6	13.3		11.9		4	80			66	
87648 DOLORES AERO	3621S	05744W	9		1018.7	1019.8	14.6	.2	13.3	.2	6	30	-62	1	155	76
87679 FIGUE AERO	3736S	06223W	304		972.4	1019.1	15.4	2.4	10.5	-.5	7	44	-45	1		
87688 TRES ARROYOS	3820S	06015W	115		1006.4	1020.0	14.3		11.0		5	20		0	229	100
87692 MAR DEL PLATA AERO	3756S	05735W	21		1019.1	1021.6	13.1	.0	12.1	.1	6	40	-43	1	176	102
87715 NEUQUEN AERO	3857S	06808W	271		986.0	1017.9	16.1	.8	8.9	1.6	5	75	57	1	264	102
87750 BAHIA BLANCA AERO	3844S	06210W	83		1009.7	1019.6	16.5	2.1	10.8	.4	3	26	-44	1	289	
87765 BARILOCHE AERO	4109S	07110W	840		992.7	1516 Y	9.8	2.3	6.6	-.3	0	1	-37	1	284	113
87774 MAQUINCHAO	4115S	06844W	888		916.5	1513 Y	12.3	2.7	8.2	2.6	6	53	40	1		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1015.9	1018.1	16.4	1.2	9.9	1.0	6	32	9	1	271	
87791 VIEDMA AERO	4051S	06301W	7		1018.2	1019.0	15.7		9.6		4	21		3	296	120
87800 EL BOLSON AERO	4158S	07131W	337		979.4	1019.7	13.1		7.9		3	5			258	
87803 ESQUEL AERO	4256S	07109W	785		925.2	1016.0	9.8	1.6	6.0	.1	1	5	-20	1	248	60
87823 P. MADRYN AERO	4244S	06504W	136		1000.8	1017.0	15.3		10.2		1	18			207	
87828 TRELEW AERO	4312S	06516W	43		1012.4	1017.5	15.7	2.0	9.7	3.0	3	26	10	1	240	98
87852 PERITO MORENO AERO	4631S	07101W	429		988.7	1043.8	11.0		7.6		5	6			179	40
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46		1009.6	1015.2	14.3	1.6	7.1	.6	4	73	59	1	244	125
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		968.9	1011.3	12.4		7.0		2	7			256	
87896 PUERTO DESEADO AERO	4744S	06555W	80		1004.1	1014.1	11.6	1.6	7.3	-.1	3	15		4	217	
87903 LAGO ARGENTINO AERO	5020S	07218W	220			1007.9	9.8	1.5	4.8	-.8	4	11	-1	1	100	47
87909 SAN JULIAN AERO	4919S	06745W	62		1005.1	1012.7	11.7		8.0		5	35		5	194	
87925 RIO GALLEGOS AERO	5137S	06917W	19		1007.4	1009.7	9.5	1.0	6.3	-.1	2	11	-5	1	235	
87938 USHUAIA AERO	5448S	06819W	14		996.7	1003.6	6.5	.3	6.9	.0	5	72	37	1	175	
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 BASE ESPERANZA	6324S	05659W	13		978.7	981.6	-.7	2.9	4.0		5	24	-32	1	162	
88968 BASE ORCADAS	6045S	04443W	4		984.5	986.0	-2.1	1.0	4.6		22	119	71	1	57	90
89053 BASE JUBANY	6214S	05838W	4		984.6	986.0	-1.4		5.2		6	34			70	

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198		957.3	981.8	-2.4		3.9		3	10			117	
89066 BASE SAN MARTIN	6808S	06708W	4		980.0	980.9	-3.2		3.9		7	26			49	
UNITED KINGDOM (ANTARCTIC)																
89022 HALLEY	7530S	02639W	30		971.1	975.8	-17.9		1.6						153	
UKRAINE (ANTARCTIC)																
89063 VERNADSKY	6515S	06416W	11		982.6	984.0	-3.5		4.3		11	269		3	49	
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		983.4	985.3	-2.0		4.9		8	23			83	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		960.6	975.9	-13.6		1.0		1	5			303	
89592 MIRNYJ	6633S	09301E	30		968.9	974.4	-13.0		2.0		13	87				
GERMANY (ANTARCTIC)																
89002 NEUMAYER	7040S	00815W	50		971.5	976.8	-20.0		1.0						219	
ARGENTINA (ANTARCTIC)																
89034 BASE BELGRANO II	7752S	03437W	256		944.2	976.3	-17.0		2.0		5	33			156	
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO ' PDTE. ED	6211S	05859W	48		981.6	986.7	-2.1		4.5	.2	5	10		1	102	
89057 BASE ARTURO PRAT	6230S	05941W	5		985.2	985.7	-1.6	1.2	5.1	.9	11	66	-11	3	105	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		982.2	983.4	-2.1	1.4	4.8	1.0	7	36	-51	2	118	
JAPAN (ANTARCTIC)																
89532 SYOWA	6900S	03935E	21		972.2	974.9	-14.6	-1.2	1.3	-.3					209	
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16		972.9	974.9	-13.6		1.3						230	
89571 DAVIS	6834S	07757E	13		969.3	972.1	-9.8		1.9						104	
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		612.8	983.4	-58.9		.0		1	3			480	
AUSTRALIA (ANTARCTIC)																
89611 CASEY	6617S	11031E	42		968.6	974.0	-11.6		2.1						157	
FRANCE (ANTARCTIC)																
89642 DUMONT D'URVILLE	6640S	14001E	43		973.0	978.4	-12.3		1.6							
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1009.9	1010.1	26.6	.2	29.8	.0	21	454	71	4	157	92
48615 KOTA BHARU	0610N	10217E	5		1009.1	1009.7	26.9	.3	30.3	.8	18	214	-54	2	176	96
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1007.4	1009.9	27.0	.7	29.2	.1	19	376	104	5	143	85
48657 KUANTAN	0337N	10313E	16		1008.0	1009.8	26.4	.4	29.8	.6	17	182	-89	1	137	87

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
48665 MALACCA	0216N	10215E	9		1008.8	1009.8	26.8	.4	30.0	.4	16	252	40	4	162	91
SINGAPORE																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1007.3	1009.2	27.2	.4	30.3	.7	17	205	38	4	147	95
USA (PACIFIC OCEAN NORTH)																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1017.1	25.1	-.2	23.8		15	126	14	4		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1016.3	25.8	-.6	23.2		2	51	-6	4		
91212 NWSO AGANDA, GUAM, MARIANA,	1329N	14448E	82		1001.9	1010.7	27.9	.1	30.6		24	203	-103	2	179	
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1017.2	23.4	-.9	23.3		17	92	-151	1		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1009.8	27.1	-.5	31.3		16	278	-83	2		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1010.4	26.6	-.4	30.2		23	273	-151	1		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1009.6	27.7	-.2	30.3		22	283	-19	3		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1010.2	27.6	.2	29.3		24	407	56	4		
91408 KOROR, PALAU IS.	0720N	13429E	33			1010.0	28.5	.8	29.7		19	139	-213	0		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1009.6	26.7	-.5	31.0		16	128	-176	1		
SOLOMON ISLANDS																
91520 HONIARA/HENDERSON	0925S	16003E	9		1008.4	1009.5	26.9		28.1		6	113			201	190
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1013.0	1015.0	23.3	.8	21.0		1	2	-37	1	265	104
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1007.7	1016.0	23.0	1.1	20.9		1	4	-49	1	295	118
FIJI																
91650 ROTUMA	1230S	17703E	26			1011.1	27.0		29.6		20	306		3	201	100
91680 NANDI	1745S	17727E	25			1012.5	24.8	-.5	23.5		12	61	-42	3	233	103
91683 NAUSORI	1803S	17834E	7			1013.1	24.4		25.9		21	297		4		
91699 ONO-I-LAU	2040S	17843W	28			1014.9	23.3		21.9		14	93		4		
SAMOA (USA)																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1012.0	27.5		30.6		20	230		3		
COOK ISLANDS (NEW ZEALAND)																
91843 RAROTONGA	2112S	15949W	7		1016.4	1017.2	23.3		23.6		17	242		5	140	145
FRENCH POLY. (MARQUESAS)																
91925 ATUONA	0948S	13902W	52		1007.3	1013.1	25.1		20.1		10	73	-12	4	240	100
FRENCH POLY. (SOCIETY IS)																
91929 BORA-BORA	1626S	15145W	3		1013.8	1014.2	26.8		27.5		16	101			235	
91938 TAHITI-FAAA	1733S	14937W	2		1014.5	1014.8	26.3		24.8		6	57	-33	2	268	116
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1013.9	1014.2	27.2		26.1		14	78	-51	2	182	70
91945 HEREHRETUE	1952S	14500W	3		1015.8	1016.2	25.3		25.6		10	107		3	252	
91948 RIKITEA	2308S	13458W	89		1007.9	1018.1	22.9		24.5		17	221	73	4	165	88
FRENCH POLY. (AUSTRAL IS)																

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
91954 TUBUAI	2321S	14929W	3		1018.0	1018.2	21.4		20.9		12	176	56	4	147	78
91958 RAPA	2737S	14420W	2		1019.4	1019.7	18.9		16.2		11	103		2	87	55
PAPUA NEW GUINEA																
92001 KIUNGA W.O.	0605S	14111E	35		1004.4	1008.4			29.1		20	276			181	
92003 DARU W.O.	0905S	14312E	9		1009.4	1010.4			28.6		3	9			183	
92004 WEWAK W.O.	0335S	14340E	4		1008.7	1009.1			29.8		21	271			197	
92014 MADANG W.O.	0513S	14548E	5		1008.6	1009.2			30.2		20	312			213	100
92035 PORT MORESBY W.O.	0923S	14713E	58		1002.3	1008.1			30.9		6	25		3	223	
92044 MOMOTE W.O.	0204S	14726E	5		1008.5	1009.1			30.5		9	111		2	275	145
92047 NADZAB W.O.	0634S	14643E	70		1000.9	1008.8			28.0		9	81		0		
92072 HOSKINS W.O.	0528S	15024E	8						23.7		20	270				
92076 KAVIENG W.O.	0234S	15049E	4		1008.7	1009.2			31.7		9	70			244	
92077 GURNEY W.O.	1019S	15020E	23		1008.5	1011.2			36.3		11	126			230	
92087 MISIMA W.O.	1041S	15250E	7		1009.9	1010.7			31.3		14	296			222	
NEW ZEALAND																
93012 KAITAIA	3506S	17316E	54				15.5		14.4		7	73	-23	2	207	110
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1021.1	14.8	1.0	12.3		5	38	-20	2		
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1021.5	13.8		13.6		10	67		0		
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1020.6	13.5	1.1	12.9							
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1019.4	12.6		11.8		20	416		4		
93678 KAIKOURA	4225S	17342E	101			1017.6	13.1		10.2		5	82		5		
93780 CHRISTCHURCH	4329S	17233E	30			1017.2	12.7		11.3		8	48		4	159	75
93844 INVERCARGILL AERODROME	4625S	16819E	4			1015.3	11.1	1.2	10.5							
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1018.3	10.5		11.1		7	25		0		
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1021.6	18.0		16.8		8	40		0		
AUSTRALIA																
94120 DARWIN AIRPORT	1225S	13053E	31		1006.8	1010.3	28.2		27.3		10	108	33	1	256	87
94150 GOVE AIRPORT	1217S	13649E	54		1004.5	1010.6	26.8		26.1		2	8		4		
94203 BROOME AIRPORT	1757S	12214E	7		1009.6	1010.6	27.1		23.1		0	0	-1	1	330	
94212 HALLS CREEK AMO	1814S	12740E	424		963.0	1009.8	28.4		14.9		8	74	58	1		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		969.7	1011.7	27.2		13.6		9	64	44	1	258	82
94287 CAINES AERO	1653S	14545E	3		1013.4	1014.3	25.1		22.4		5	30	-13	1	282	106
94294 TOWNSVILLE AERO	1915S	14645E	9		1014.0	1015.0	25.1		22.2		0	2	-23	1	295	98
94299 WILLIS ISLAND	1618S	14959E	6		1012.2	1013.2	26.2		25.4		2	4	-15	1		
94312 PORT HEDLAND PARDOO	2022S	11838E	9		1009.6	1010.6	25.5		19.0		1	4	3	1		
94326 ALICE SPRINGS AERO	2348S	13353E	546		952.0	1013.4	23.8		10.6		4	23	4	1	284	92
94332 MT ISA AERO	2041S	13929E	340		973.3	1011.6	26.8		11.4		2	18	-1	1	278	90
94346 LONGREACH AIRPORT	2326S	14417E	192		991.0	1013.0	26.4		12.1		4	45	28	1		
94367 MACKAY MO	2107S	14913E	30		1011.5	1015.3	23.8		22.1		1	1	-38	1	311	105
94374 ROCKHAMPTON AERO	2323S	15029E	14		1014.6	1016.4	23.2		19.0		5	35	-11	1		
94403 GERALDTON AIRPORT	2848S	11442E	33		1011.7	1015.8	17.4		12.6		6	40	20	1		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		953.9	1012.4	23.0		7.2		2	5	-1	1		
94461 GILES	2502S	12817E	598		945.9	1012.7	23.7		10.0		9	77	64	1	289	88
94610 PERTH AIRPORT	3156S	11559E	31		1013.9	1016.3	16.2		11.3		7	79	33	1	286	
94647 EUCLA	3141S	12853E	102		1004.0	1016.1	16.8		10.7		3	53		5		
94653 CEDUNA AIRPORT	3208S	13342E	16		1014.5	1016.3	17.3		10.9		5	55	34	1	289	102

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.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
94693 MILDURA AIRPORT	3414S	14205E	52		1009.8	1016.0	18.1		10.3		6	26	-2	1	283	100
94711 COBAR	3129S	14550E	264								7	75	39	1	256	84
94767 SYDNEY AIRPORT	3356S	15110E	5		1015.6	1016.2	18.8		15.3		10	133	55	1	193	78
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1015.2	1016.3	18.5		15.3		10	129	47	1	208	91
94791 COFFS HARBOUR MO	3019S	15307E	5		1016.1	1016.9	19.6		16.9		8	58	-45	1	224	90
94802 ALBANY AIRPORT	3456S	11748E	69		1008.3	1016.9	12.8		11.0		8	80	3	1	207	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1008.3	1016.6	13.4		11.0		13	55	-4	1	245	117
94907 EAST SALE AIRPORT	3806S	14708E	8		1015.9	1016.9	14.1		11.8		9	46	-9	1	229	109
94910 WAGGA AIRPORT	3510S	14727E	213		990.9	1016.2	15.4		12.9		12	120	62	1	249	90
94926 GANBERRA AMO	3518S	14912E	580		949.7	1017.2	13.3		11.1		12	110	45	1	213	80
94968 LAUNCESTON AIRPORT	4132S	14712E	178		994.5	1015.8	11.4		10.2		10	41	-15	1	244	103
94975 HOBART AIRPORT	4250S	14729E	27		1011.3	1014.6	13.4		9.6		5	26	-24	1	208	98
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1017.6	1018.4	19.0		16.0		11	62	-42	1		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1006.9	1019.9	18.2		16.6		5	67	-17	1	214	95
94998 MACQUARIE ISLAND	5429S	15856E	6		999.2	1000.2	4.9		6.9		19	71	0	1	110	124
INDONESIA (SUMATRA)																
96035 MEDAN/POLONIA	0334N	09841E	25		1009.6	1012.8	26.5		30.1		17	204		1	92	120
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1008.8	1009.5	25.5		28.8		20	854		4	117	90
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31		1004.6	1008.5	26.8		28.5		21	410		4	155	75
96163 PADANG/TABING	0053S	10021E	3		1009.6	1010.3	25.9		34.0		22	752		0		
96221 PALEMBANG/TALANGBETUTU	0254S	10442E	10		1009.6	1011.3	26.4		29.0		15	223		0	145	70
96249 TANJUNGPANDAN/BULUH TUMBANG	0245S	10745E	44		1003.6	1009.5	25.1		27.0		29	604		5	69	45
BRUNEI DARUSSALAM																
96315 BRUNEI AIRPORT	0456N	11456E	15		1007.5	1009.4	26.9		30.3	.2	27	581	277	6	207	100
MALAYSIA (SABAH & SARAWAK)																
96413 KUCHING	0129N	11020E	27		1007.4	1010.0	25.7		28.7		25	423		4	141	96
96421 SIBU	0220N	11150E	8		1006.4	1010.0	26.1		28.9		24	361		5	130	
96441 BINTULU	0312N	11302E	5		1009.4	1009.9	26.4	-.2	29.4		23	766	431	6	139	80
96449 MIRI	0420N	11359E	18		1007.5	1009.6	26.7	.1	30.6		24	434	128	5	196	
96465 LABUAN	0518N	11515E	30		1006.3	1009.7	27.3		30.7	.3	25	653		5	210	100
96471 KOTA KINABALU	0556N	11603E	3		1009.2	1009.5	27.0		30.1		22	467		5	184	
96481 TAWAU	0416N	11753E	20		1007.4	1009.7	26.7		28.7		12	131	-39	2	194	95
96491 SANDAKAN	0554N	11804E	13		1008.1	1009.3	27.0	.1	30.5		12	333		4	198	
INDONESIA (JAWA)																
96749 JAKARTA/SOEKARNO- HATTA	0607S	10639E	8		1008.7	1010.0	27.1		29.8							
96791 JATIWANGI	0645S	10816E	50		1004.0	1010.1	28.0		27.3		13	165			195	
96797 TEGAL	0651S	10909E	10		1009.2	1009.5	27.5		28.0		6	209		0	219	
AUSTRALIA (OCEAN ISLANDS)																
96996 COCOS ISLAND AERO	1211S	09649E	3		1012.0	1012.4	27.5		26.4		2	6	-44	1		
INDONESIA (SULAWESI)																
97072 PALU/MUTIARA	0041S	11944E	6		1000.8	1010.3	26.9		28.4		14	124		0		

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.
INDONESIA (MALUKU/IRIAN JAYA)																
97502 SORONG/JEFMAN	0056S	13107E	3		mb	mb	°C	°C	mb	mb		mm	mm		hr	
97530 MANOKWARI/RENDANI	0053S	13403E	3		1009.3	1010.0	27.2		30.6		23	437		185	80	
97876 TANAH MERAH	0606S	14018E	16		1008.3	1008.0	26.8		28.4		12	176	1	179	85	
					1006.8	1010.0	26.5		29.1		18	546	0	128		

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.
JUNE 1999	0'	0'	m		mb	mb	° C	° C	mb	mb		mm	mm		hr	
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48674 MERSING	0227N	10350E	45		1004.9	1009.8	26.2	-.1	30.0	.4	12	145	4	3	189	95
JULY 1999																
S AMERICA																
BRAZIL																
83618 TRES LAGOAS	2047S	05138W	313		980.9	1018.5	22.2	2.8	18.2		1	2	-27	2		
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48674 MERSING	0227N	10350E	45		1004.4	1009.4	26.3	.5	29.6	.7	9	143	-16	2	207	104
AUGUST 1999																
S AMERICA																
BRAZIL																
83377 BRASILIA	1547S	04756W	1158		890.0	1015 Y	19.9	-1.3	10.5		0	0	-12			
83618 TRES LAGOAS	2047S	05138W	313		980.7	1018.0	22.4	.6	15.1		0	0	-35	2		
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48674 MERSING	0227N	10350E	45		1005.7	1010.6	25.7	-.1	29.5	.6	14	202	28	5	185	96

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.
SEPTEMBER 1999	°	°	m		mb	mb	°	° c	mb	mb		mm	mm		hr	
EUROPE																
BELARUS																
26850 MINSK	5356N	02738E	231		991.8	1018.3	13.8	2.1	10.8	.0	3	46	-14	3	193	116
UKRAINE																
33345 KYIV	5024N	03034E	167		997.8	1017.6	15.8	1.9	12.3	.6	3	8	-39	1		
33393 L'VIV	4949N	02357E	323		978.9	1016.7	15.4	2.3	12.9	1.0	4	47	-11	3	209	117
UKRAINE																
33837 ODESA	4626N	03046E	42		1011.4	1016.3	18.5	1.5	14.7	1.2	3	10	-26	2	266	111
33946 SIMFEROPOL'	4441N	03408E	181		994.1	1015.4	17.8	1.2	12.6	.1	3	13	-24	2	265	102
UKRAINE																
34300 KHARKIV	4958N	03608E	155		999.3	1017.6	15.3	1.2	10.1	-.9	2	12	-29	1	209	113
S AMERICA																
BRAZIL																
82212 FONTE BOA	0232S	06610W	56		1003.4	1009.6	27.0		31.6		9	115		2		
82578 TERESINA	0505S	04249W	74		1001.0	1011.0	29.1	.7	25.5		2	16	0	2		
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48674 MERSING	0227N	10350E	45		1005.1	1010.0	26.0	.3	29.5	.7	7	131	-48	2	231	132

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - NORWAY JAN MAYEN 01001 OCT 1999 7056N 00840W OB 3									EUROPE - NORWAY BODO 01152 OCT 1999 6715N 01424E OB 3									EUROPE - NORWAY ORLAND 01241 OCT 1999 6342N 00936E OB 3								
030	23584				3	92	271	12	030	23606	0	-61.2	26.7	0	85	288	9	030	23653	0	-60.4	30.0	0	79	280	8
050	20396				2	90	260	11	050	20419	0	-58.8	27.2	0	81	285	8	050	20457	0	-58.7	29.3	0	78	279	7
100	15982				2	80	247	11	100	16029	0	-55.2	28.1	0	75	281	9	100	16075	0	-55.8	29.6	0	69	272	7
150	13370				2	82	245	12	150	13437	0	-54.2	25.9	0	64	279	9	150	13487	0	-54.5	26.8	0	61	280	9
200	11512				1	79	244	14	200	11593	0	-54.3	19.5	0	61	285	11	200	11647	0	-54.2	21.4	0	49	285	9
300	8889				0	67	237	14	300	8983	0	-49.1	10.0	0	47	290	9	300	9020	0	-47.4	12.9	0	42	292	9
500	5374				0	49	227	7	500	5444	0	-23.3	10.7	0	51	282	7	500	5473	0	-23.3	10.7	0	44	268	6
700	2861				0	29	216	3	700	2904	0	-8.0	8.6	0	63	278	7	700	2930	0	-7.3	11.0	0	58	262	6
850	1350	0	-4.3	5.0	0	13	139	2	850	1375	0	-.9	5.1	0	61	261	5	850	1394	0	.7	7.4	0	63	262	6
1006	* 9		2.3	2.2					1005	* 33		6.9	3.1					1008	* 10		7.3	3.3				
EUROPE - NORWAY STAVANGER/SOLA 01415 OCT 1999 5852N 00540E OB 3									EUROPE - SWEDEN SUNDSVALL-HARNOSAND FPL 02365 OCT 1999 6232N 01727E OB 3									EUROPE - SWEDEN GOTEBORG/LANDVETTER 02527 OCT 1999 5740N 01218E OB 3								
030	23703	0	-59.5	28.9	0	70	288	6	030	23638	27	-61.2	27.3	9	83	311	9	030	23681	30	-56.7	20.0	9	99	245	15
050	20502	0	-58.6	28.5	0	68	281	5	050	20465	6	-58.8	30.2	7	62	296	6	050	20497	8	-59.4	28.8	9	56	284	5
100	16127	0	-56.5	27.6	0	66	278	7	100	16068	5	-55.8	31.4	7	55	291	7	100	16119	5	-56.3	29.4	8	54	287	7
150	13549	0	-55.2	24.3	0	58	285	9	150	13490	1	-54.2	29.9	1	48	284	8	150	13559	3	-54.7	29.3	6	45	294	7
200	11710	0	-54.6	18.8	0	44	286	9	200	11642	1	-53.9	23.5	1	36	292	7	200	11709	3	-54.2	22.3	3	45	300	10
300	9084	0	-46.9	11.2	0	37	287	10	300	9020	1	-48.1	12.4	3	24	300	6	300	9081	3	-47.3	13.5	3	40	311	11
500	5518	0	-21.8	10.5	0	40	276	8	500	5480	1	-23.6	12.3	5	29	314	4	500	5522	3	-22.4	11.7	3	40	300	8
700	2961	0	-6.2	9.2	0	40	259	5	700	2940	1	-7.3	9.3	5	25	327	3	700	2975	3	-6.7	12.8	6	24	270	3
850	1421	0	.6	3.1	0	33	226	4	850	1407	1	.0	6.3	6	20	331	2	850	1433	3	.6	6.8	5	40	258	5
1007	* 14		9.0	2.4					1011	* 6		4.6	3.4					1002	* 155		5.4	3.6				
EUROPE - FINLAND SODANKYLA 02836 OCT 1999 6722N 02639E OB 3									EUROPE - FINLAND JYVASKYLA 02935 OCT 1999 6224N 02541E OB 3									EUROPE - FINLAND JOKIOINEN 02963 OCT 1999 6049N 02330E OB 3								
030	23552	4	-62.1	27.0					030	23636	0	-60.5	27.8	0	79	293	9	030	23671	12	-60.5	27.0	9	77	299	8
050	20406	0	-59.2	28.0	0	83	289	8	050	20443	0	-59.4	28.1	0	68	290	7	050	20461	1	-59.0	27.9	2	67	297	7
100	16018	0	-55.3	29.0	0	74	285	10	100	16067	0	-56.1	29.4	0	60	288	7	100	16088	0	-55.8	27.3	0	57	279	7
150	13427	0	-53.8	27.0	0	64	285	10	150	13482	0	-54.6	27.6	0	51	278	8	150	13505	0	-54.5	24.5	0	48	272	8
200	11577	0	-53.6	21.6	0	56	291	11	200	11637	0	-53.6	22.2	0	39	284	8	200	11659	0	-53.2	19.5	0	38	275	8
300	8958	0	-49.1	11.2	0	44	291	10	300	9012	0	-48.2	9.8	0	31	275	8	300	9024	0	-47.6	11.1	0	28	277	7
500	5431	0	-24.2	9.4	0	50	294	7	500	5473	0	-23.5	7.8	0	29	279	5	500	5481	0	-23.4	9.3	0	31	276	5
700	2897	0	-8.3	8.2	0	49	289	5	700	2930	0	-7.3	7.8	0	32	277	4	700	2937	0	-7.3	9.3	0	40	283	5
850	1369	0	-1.7	3.8	0	37	286	4	850	1394	0	.2	4.6	0	32	263	4	850	1402	0	-.2	4.9	0	38	263	4
986	* 179		2.3	2.0					993	* 145		4.7	1.5					998	* 103		6.2	1.7				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - UNITED KINGDOM LERWICK 03005 OCT 1999 6008N 00111W OB 3									EUROPE - UNITED KINGDOM STORNOWAY 03026 OCT 1999 5813N 00619W OB 3									EUROPE - UNITED KINGDOM HEMSBY 03496 OCT 1999 5241N 00141E OB 3								
030	23690	1	-59.5		1	79	282	7	030	23732	1	-58.6		1	77	283	5	030	23781	21	-58.4		1	79	320	2
050	20498	0	-58.5		0	79	277	6	050	20520	0	-58.5		0	74	271	5	050	20563	0	-59.3		0	70	270	28
100	16115	0	-56.2		0	77	265	8	100	16141	0	-56.1		0	73	264	7	100	16209	0	-58.5		0	5	271	4
150	13532	0	-54.6		0	67	267	10	150	13560	0	-55.0		0	69	267	12	150	13652	0	-56.8		0	72	272	6
200	11689	0	-54.2		0	57	262	12	200	11719	0	-54.0		0	59	265	13	200	11825	0	-55.5		0	58	278	6
300	9063	0	-47.0		0	45	260	12	300	9086	0	-46.7		0	50	260	14	300	9199	0	-45.4		0	52	271	6
500	5498	0	-21.6	12.1	0	46	253	9	500	5512	0	-21.0	10.4	0	55	255	11	500	5600	0	-19.2	13.3	0	55	260	5
700	2939	0	-5.8	10.1	0	46	244	7	700	2947	0	-5.2	9.0	0	57	243	9	700	3015	0	-3.0	12.9	0	51	249	4
850	1396	0	.8	3.7	0	41	233	6	850	1400	0	1.6	3.6	0	51	238	7	850	1454	0	4.0	8.6	0	46	240	3
999	* 84		9.2	2.6					1007	* 13		10.2	3.1					1012	* 14		11.9	3.8				
EUROPE - UNITED KINGDOM CAMBORNE 03808 OCT 1999 5013N 00519W OB 3									EUROPE - IRELAND VALENTIA OBSERVATORY 03953 OCT 1999 5156N 01015W OB 3									EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 OCT 1999 6358N 02236W OB 3								
030	23772	0	-58.0		0	70	277	4	030	23790	0	-57.8	30.1	0	68	284	4	030	23668							
050	20572	0	-59.4		0	60	275	4	050	20580	0	-58.7	29.6	0	60	278	4	050	20454	1	-56.8		1	82	259	9
100	16230	0	-59.1		0	72	262	7	100	16223	0	-58.3	28.1	0	71	266	8	100	16037	0	-53.7		0	84	243	12
150	13684	0	-57.6		0	61	272	9	150	13669	0	-57.1	24.1	0	65	273	11	150	13424	0	-52.4		0	76	241	14
200	11861	0	-55.7		0	52	280	10	200	11843	0	-55.7	17.3	0	57	273	13	200	11560	0	-51.8		0	69	244	15
300	9230	0	-44.6		0	44	268	9	300	9210	0	-44.4	11.2	0	53	270	11	300	8920	0	-47.3		0	62	242	16
500	5617	0	-18.0	12.7	0	46	253	7	500	5594	0	-18.1	12.8	0	47	256	7	500	5388	0	-24.9	10.5	0	56	223	9
700	3021	0	-2.0	14.6	0	42	242	5	700	3001	0	-2.2	14.4	0	45	246	6	700	2861	0	-9.3	10.7	0	34	214	4
850	1456	0	5.2	9.7	0	40	239	4	850	1438	0	4.2	6.1	0	43	222	5	850	1339	0	-2.2	3.6	0	29	168	4
1003	* 88		12.5	3.1					1008	* 30		12.4	3.6					999	* 54		5.5	3.0				
EUROPE - GREENLAND AASIAAT (EGEDESMINDE) 04220 OCT 1999 6842N 05251W OB 3									EUROPE - GREENLAND NARSARUAQ 04270 OCT 1999 6109N 04526W OB 3									EUROPE - GREENLAND DANMARKSHAVN 04320 OCT 1999 7646N 01840W OB 3								
030	23518	0	-59.3	30.5	1	92	247	13	030	23675	0	-56.7	30.8	1	91	249	11	030	23436	0	-62.7	29.6	0	91	255	15
050	20298	0	-55.7	31.8	3	95	234	12	050	20428	0	-55.1	31.1	1	92	240	11	050	20262	0	-58.4	30.7	0	90	246	14
100	15835	0	-51.3	32.8	2	89	221	10	100	15964	0	-51.6	31.6	1	97	235	13	100	15840	0	-52.5	32.2	0	90	235	14
150	13193	0	-49.9	33.0	1	91	221	9	150	13325	0	-50.5	30.7	1	91	234	15	150	13211	0	-50.7	32.2	0	91	237	16
200	11312	0	-49.8	31.5	1	83	222	11	200	11448	0	-50.1	28.1	1	82	231	16	200	11338	0	-50.9	27.3	0	89	238	19
300	8686	0	-53.2	10.8	1	74	218	14	300	8813	0	-49.5	11.9	0	68	230	13	300	8723	0	-52.8	10.3	0	83	238	24
500	5253	0	-32.5	9.7	2	68	224	8	500	5314	0	-27.6	10.0	0	46	238	6	500	5284	0	-31.6	8.9	0	78	236	13
700	2810	0	-17.9	8.8	0	10	246	1	700	2822	0	-13.0	8.4	0	11	129	1	700	2830	0	-17.2	9.1	0	52	240	6
850	1335	0	-10.0	5.0	1	9	22	1	850	1318	0	-4.4	8.0	0	53	104	3	850	1362	0	-13.5	8.7	0	20	271	2
1003	* 41		-2.3	2.8					1002	* 4		1.2	5.4					1015	* 12		-14.3	3.2				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - GREENLAND ILLOQQORTOORMIUT (SCORESBYSU) 04339 OCT 1999 7029N 02157W OB 3									EUROPE - GREENLAND TASIILAQ (AMASSALIK) 04360 OCT 1999 6536N 03738W OB 3									EUROPE - DENMARK & FAROE IS. THORSHAVN 06011 OCT 1999 6201N 00646W OB 3								
030	23556	0	-60.9	25.5	2	89	257	12	030	23618	0	-58.6	26.0	0	86	250	10	030	23699	0	-59.2	26.8	0	88	280	8
050	20357	0	-57.7	26.6	0	83	249	11	050	20389	0	-56.2	26.0	0	88	241	11	050	20491	0	-57.9	26.8	0	86	269	7
100	15935	0	-53.2	27.6	0	90	239	12	100	15936	0	-51.9	26.7	0	82	228	11	100	16096	0	-55.1	27.6	0	85	261	10
150	13317	0	-52.1	25.5	0	81	235	13	150	13305	0	-51.1	26.3	0	80	223	13	150	13504	0	-53.7	25.6	0	71	260	11
200	11454	0	-52.2	19.9	0	85	231	17	200	11433	0	-51.0	22.9	0	74	224	14	200	11653	0	-53.1	21.4	0	58	260	12
300	8838	0	-50.7	9.2	0	65	229	15	300	8803	0	-50.5	9.0	0	56	208	13	300	9021	0	-47.1	12.2	0	53	250	15
500	5351	0	-28.1	8.0	0	44	217	6	500	5319	0	-28.4	7.0	0	48	190	6	500	5462	0	-22.6	12.3	0	50	240	10
700	2861	0	-13.5	6.6	1	17	250	2	700	2835	0	-14.1	4.5	0	55	130	6	700	2912	0	-6.9	9.4	0	47	229	7
850	1368	0	-8.7	6.0	1	44	348	4	850	1338	0	-6.2	3.4	0	60	87	6	850	1376	0	-3	2.4	0	39	226	5
1004	* 69		-4.4	3.4					1010	* 52		2.3	2.8					1000	* 55		8.2	2.2				
EUROPE - DENMARK & FAROE IS. KOEIBENHAVN/JAEGERSBORG 06181 OCT 1999 5546N 01232E OB 3									EUROPE - NETHERLANDS DE BILT 06260 OCT 1999 5206N 00511E OB 1									EUROPE - BELGIUM UCCLE 06447 OCT 1999 5048N 00421E OB 3								
030	23713	0	-59.2	29.4	1	75	286	7	030	23747	12	-59.2	29.5	9	70	296	5	030	23771	3	-58.2	30.3	3	73	289	5
050	20517	0	-59.2	29.3	1	64	276	6	050	20547	2	-59.6	29.0	2	69	267	5	050	20571	2	-59.2	29.7	2	74	276	5
100	16154	0	-57.3	29.3	0	65	279	8	100	16205	0	-59.1	28.7	1	77	276	9	100	16217	2	-58.7	29.2	2	75	276	8
150	13582	0	-55.6	27.6	0	56	286	11	150	13655	0	-57.3	26.1	0	71	274	12	150	13672	2	-56.9	25.1	2	70	277	8
200	11746	0	-54.8	20.8	0	50	287	13	200	11834	0	-56.4	19.1	0	61	275	13	200	11855	2	-55.8	18.6	2	55	280	9
300	9122	0	-46.6	12.2	0	45	295	14	300	9215	0	-45.8	11.6	0	54	271	13	300	9230	1	-45.1	11.3	1	48	279	9
500	5552	0	-21.5	10.3	0	49	287	11	500	5617	0	-19.2	12.1	0	58	264	10	500	5623	1	-18.7	14.6	1	57	262	8
700	2990	0	-5.6	12.2	0	47	275	7	700	3030	0	-3.1	13.0	0	55	256	7	700	3034	1	-2.7	13.2	1	55	255	6
850	1444	0	2.1	6.0	0	47	264	6	850	1470	0	4.2	9.8	0	47	239	6	850	1471	1	4.7	11.4	1	52	249	5
993	* 42		25.7	2.9					1016	* 15		11.0	2.9					1004	* 104		9.8	1.8				
EUROPE - SWITZERLAND PAYERNE 06610 OCT 1999 4649N 00657E OB 3									EUROPE - FRANCE BREST 07110 OCT 1999 4827N 00425W OB 3									EUROPE - SPAIN LA CORUNA 08001 OCT 1999 4322N 00825W OB 3								
030	23771	0	-58.0		2	82	271	6	030									030	23726		-56.9	30.6	9	69	272	3
050	20573	0	-60.4		0	79	272	6	050									050	20548	16	-60.9	26.1	9	81	254	3
100	16264	0	-60.8		0	86	269	10	100	16271	9	-60.2		9	78	275	7	100	16251	8	-61.9	25.9	9	66	264	4
150	13740	0	-59.6		0	85	262	14	150	13696	7	-57.4		7	60	264	8	150	13729	6	-59.2	23.8	9	58	272	5
200	11936	0	-57.9	8.7	0	83	262	18	200	11916	5	-56.5		4	54	286	11	200	11914	5	-55.6	21.2	7	42	273	5
300	9314	0	-43.4	9.7	0	74	258	19	300	9264	2	-44.2		2	61	268	11	300	9276	5	-44.3	12.3	5	44	249	5
500	5684	0	-17.1	10.8	0	71	253	11	500	5634	0	-17.7	11.5	2	46	253	6	500	5656	5	-17.6	12.2	6	51	248	4
700	3078	0	-1.1	8.6	0	65	235	7	700	3033	0	-1.4	13.5	1	50	245	6	700	3055	5	-1.7	13.7	7	52	239	3
850	1503	0	7.3	6.2	0	68	225	5	850	1464	0	5.6	5.3	2	47	225	4	850	1486	5	6.3	8.1	9	38	216	2
961	* 491		9.6	2.3					1003	* 103		10.9	1.1					1008	* 67		15.6	4.1				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND										
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
hPa	gpm		°C	°C		%	°	mps	hPa	gpm		°C	°C		%	°	mps	hPa	gpm		°C	°C		%	°	mps					
EUROPE - SPAIN SANTANDER 08023 OCT 1999 4328N 00348W OB 3									EUROPE - SPAIN MADRID/BARAJAS 08221 OCT 1999 4030N 00335W OB 3									EUROPE - SPAIN PALMA DE MALLORCA 08301 OCT 1999 3933N 00237E OB 3													
030	23801		-57.0		9	76	271	5	030	23834	2	-57.0	30.8	9	83	256	6	030	23816	27	-56.5										
050	20608	11	-60.7		1	82	250	6	050	20631	0	-60.5	28.9	6	91	265	7	050	20619	2	-59.8			1	76	262	6				
100	16299	1	-61.3		0	83	253	9	100	16334	0	-62.1	28.9	8	85	250	10	100	16346	0	-63.6			0	92	261	12				
150	13777	1	-58.8		1	73	254	13	150	13823	0	-59.9	27.4	9	82	248	16	150	13866	0	-61.6			0	89	256	19				
200	11963	1	-56.3		0	66	251	16	200	12017	0	-57.3	20.6	8	81	244	22	200	12080	0	-58.9			0	88	259	22				
300	9328	0	-43.8	13.1	0	70	246	19	300	9379	0	-42.3	14.5	8	80	240	25	300	9475	0	-39.8	13.6		0	81	252	22				
500	5690	0	-16.2	14.9	1	75	247	12	500	5726	0	-15.1	16.4	7	83	235	14	500	5838	0	-13.3	17.0		0	85	248	15				
700	3064	0	-7	13.6	1	72	242	7	700	3100	0	-7	12.0	9	78	228	9	700	3176	0	2.5	14.2		0	78	240	10				
850	1489	0	7.6	7.7	1	57	243	4	850	1517	0	9.2	6.7	9	70	231	6	850	1528	0	11.6	11.3		0	63	236	5				
1009	* 59		16.9	4.1					945	* 633		15.2	6.8						1017	* 6		21.3	6.2								
EUROPE - SPAIN MURCIA 08430 OCT 1999 3800N 00110W OB 3									EUROPE - GIBRALTAR GIBRALTAR 08495 OCT 1999 3609N 00520W OB 3									EUROPE - GERMANY SCHLESWIG 10035 OCT 1999 5432N 00933E OB 3													
030	23849	28	-57.7	30.6	9	88	267	8	030	23850	2	-56.5		3	68	265	5	030	23740	0	-59.0			1	64	290	5				
050	20653	5	-60.6	29.9	9	88	261	6	050	20652	0	-60.6		0	80	250	5	050	20538	0	-59.0			1	68	280	5				
100	16374	2	-64.0	28.7	9	92	256	13	100	16378	0	-64.3		0	85	250	11	100	16180	0	-58.0			1	69	284	8				
150	13890	1	-62.5	24.9	9	90	253	21	150	13894	0	-62.2		0	84	246	19	150	13616	0	-56.3			1	66	293	13				
200	12107	1	-59.3	15.2	9	88	251	26	200	12105	0	-58.7		0	83	245	24	200	11785	0	-55.3			1	61	290	16				
300	9468	1	-40.7	13.5	9	87	247	24	300	9464	0	-40.4		0	84	237	24	300	9162	0	-46.6	11.6		1	55	297	16				
500	5784	1	-13.0	18.2	9	86	243	16	500	5777	0	-13.0	16.0	0	85	236	15	500	5579	0	-20.5	11.6		1	59	292	12				
700	3135	1	3.5	14.7	9	77	238	11	700	3130	0	3.7	12.7	0	83	236	12	700	3008	0	-4.5	13.9		1	57	286	8				
850	1534	1	12.4	9.5	8	46	227	4	850	1526	0	11.8	7.9	0	57	225	7	850	1456	0	2.6	7.5		1	50	268	6				
1010	* 62		20.6	7.2					1017	* 4		19.6	3.6						1010	* 48		10.0	2.6								
EUROPE - GERMANY GREIFSWALD 10184 OCT 1999 5406N 01324E OB 3									EUROPE - GERMANY BERGEN 10238 OCT 1999 5249N 00956E OB									EUROPE - GERMANY LINDENBERG 10393 OCT 1999 5213N 01407E OB 3													
030	23730	0	-59.2						030	23817	2	-58.6							030	23746	0	-58.8			3	77	293	5			
050	20534	0	-59.5						050	20617	0	-59.1							050	20546	0	-59.6			3	69	281	5			
100	16175	0	-57.8						100	16244	0	-58.5	10.8						100	16178	0	-58.3			3	70	288	9			
150	13609	0	-56.2						150	13685	0	-56.6	10.3						150	13640	0	-56.8			3	69	289	13			
200	11778	0	-55.3						200	11851	0	-55.9	10.0			61	299	13	200	11815	0	-56.4			3	64	293	16			
300	9153	0	-46.4						300	9220	0	-45.7	9.9	2	49	280	13	300	9191	0	-45.5			3	60	295	17				
500	5575	0	-20.9	12.1					500	5613	0	-19.8	11.1	0	54	281	10	500	5601	0	-20.3	13.4		3	59	303	11				
700	3006	0	-5.0	13.1					700	3028	0	-3.9	11.0	0	50	268	7	700	3026	0	-4.4	11.7		3	61	290	8				
850	1456	0	2.3	5.8					850	1472	0	3.4	6.4	0	55	259	7	850	1474	0	2.7	5.3		3	60	282	6				
1015	* 6		9.8	2.8					1008	* 69		10.0	3.5						1004	* 104		10.2	3.8								

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - GERMANY ESSEN 10410 OCT 1999 5124N 00658E OB 3									EUROPE - GERMANY DRESDEN 10486 OCT 1999 5107N 01341E OB 3									EUROPE - GERMANY MEININGEN 10548 OCT 1999 5034N 01023E OB 3								
030	23757	0	-58.6		0	70	284	5	030	23758	0	-58.9		0	79	282	6	030	23760	0	-58.8		0	75	282	5
050	20557	0	-59.9		0	70	271	5	050	20560	0	-59.6		0	72	272	6	050	20564	0	-59.8		0	74	276	5
100	16215	0	-59.0	28.6	0	78	277	9	100	16218	0	-58.9	28.0	0	72	277	10	100	16228	0	-59.1		0	74	279	10
150	13667	0	-57.6	25.0	0	72	276	12	150	13667	0	-57.6	23.8	0	73	275	15	150	13682	0	-57.9		0	75	275	14
200	11846	0	-56.6	18.7	0	68	276	15	200	11845	0	-56.7	18.0	0	70	279	18	200	11864	0	-57.0	17.2	0	69	277	16
300	9221	0	-45.8	11.6	0	61	276	15	300	9221	0	-45.1	12.4	0	64	281	19	300	9242	0	-45.4	11.2	0	65	274	17
500	5620	0	-19.0	14.0	0	63	271	10	500	5620	0	-19.6	13.5	0	64	282	12	500	5637	0	-18.9	12.0	0	66	276	12
700	3033	0	-3.1	15.8	0	57	262	8	700	3041	0	-3.8	12.9	0	65	279	8	700	3048	0	-3.2	14.2	0	59	269	8
850	1474	0	3.9	8.6	0	54	245	6	850	1486	0	3.2	5.8	0	62	273	7	850	1489	0	3.9	7.1	0	48	250	5
998	* 153		10.6	3.4					991	* 232		10.1	4.0					965	* 453		8.0	2.6				
EUROPE - GERMANY STUTTGART/SCHNARRENBERG 10739 OCT 1999 4850N 00912E OB 3									EUROPE - GERMANY MUENCHEN-OBERSCHLEISSHEIM 10868 OCT 1999 4815N 01133E OB 3									EUROPE - AUSTRIA WIEN/HOHE WARTE 11035 OCT 1999 4814N 01621E OB 3								
030	23771	0	-58.4		1	77	270	5	030	23782	0	-58.0		0	79	276	6	030	23757	2	-57.2		2	75	277	3
050	20572	0	-59.9		1	73	270	6	050	20577	0	-59.9		0	76	273	6	050	20557	1	-59.9		1	75	283	3
100	16244	0	-59.9	29.3	1	84	272	10	100	16254	0	-60.3	27.1	0	81	274	10	100	16234	1	-60.2		1	84	280	7
150	13707	0	-58.7	25.4	0	80	273	14	150	13718	0	-58.9	22.1	0	81	273	15	150	13701	1	-59.0		1	79	280	9
200	11895	0	-57.4	19.0	0	74	273	16	200	11911	0	-57.9	15.6	0	79	270	19	200	11896	0	-57.9		0	76	286	10
300	9273	0	-44.4	14.7	0	66	270	16	300	9288	0	-44.2	11.6	0	71	267	19	300	9274	0	-44.1		0	75	284	11
500	5657	0	-18.1	15.0	0	69	274	11	500	5666	0	-17.8	12.2	0	70	273	11	500	5654	0	-17.7	12.4	0	67	282	6
700	3061	0	-2.1	16.4	0	70	262	8	700	3068	0	-2.0	14.3	0	75	272	8	700	3059	0	-2.6	10.6	0	65	284	4
850	1496	0	4.8	7.9	0	55	252	5	850	1501	0	5.5	6.7	0	63	264	5	850	1498	0	4.3	3.9	0	47	282	3
981	* 315		10.8	4.3					961	* 489		9.5	3.6					995	* 200		11.6	4.9				
EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 OCT 1999 5000N 01427E OB 3									EUROPE - SLOVAKIA POPRAD-GANOVCE 11952 OCT 1999 4902N 02019E OB 3									EUROPE - POLAND LEBA 12120 OCT 1999 5445N 01732E OB 3								
030	23754	0	-58.4		0	81	289	6	030	23744	0	-58.7		0	81	285	5	030	23726	13	-58.9	28.5	9	68	297	6
050	20556	0	-59.8		0	73	276	6	050	20547	0	-60.0		0	82	280	6	050	20522	3	-59.2	27.6	3	63	274	6
100	16222	0	-59.5		0	75	280	10	100	16218	0	-59.4		0	80	284	10	100	16154	0	-57.4	16.8	0	64	286	5
150	13679	0	-58.2		0	74	277	15	150	13676	0	-58.2		0	78	286	15	150	13582	0	-55.7	25.1	0	56	279	11
200	11865	0	-57.3	16.7	0	74	280	19	200	11859	0	-56.6	18.8	0	76	291	19	200	11747	0	-54.8	19.0	0	52	282	14
300	9243	0	-44.7	12.1	0	67	281	20	300	9234	0	-44.9	12.4	0	68	289	19	300	9121	0	-46.6	10.3	0	46	284	15
500	5637	0	-18.9	12.3	0	70	282	13	500	5636	0	-19.6	12.6	0	67	283	11	500	5551	0	-21.7	11.5	1	52	291	10
700	3052	0	-3.3	11.9	0	69	287	8	700	3053	0	-3.5	9.3	0	60	276	7	700	2992	0	-5.0	11.6	2	56	284	8
850	1494	0	3.6	4.7	0	59	271	6	850	1499	0	3.3	3.6	0	66	253	5	850	1448	0	1.6	6.3	2	46	276	5
983	* 303		9.6	3.0					936	* 706		7.9	4.2					1015	* 2		8.4	2.4				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
EUROPE - POLAND LEGIONOWO 12374 OCT 1999 5224N 02058E OB 3									EUROPE - POLAND WROCLAW I 12425 OCT 1999 5108N 01659E OB 3									EUROPE - HUNGARY BUDAPEST/LORINC 12843 OCT 1999 4726N 01911E OB 3									
030	23734	0	-58.8	30.0	0	73	282	6	030	23724	8	-59.1	30.6	8	78	276	6	030	23769	2	-58.1			4	83	280	6
050	20535	0	-59.4	29.8	0	71	284	6	050	20519	4	-59.4	30.8	5	71	277	6	050	20567	1	-59.8			4	79	283	6
100	16180	0	-57.7	29.8	0	72	281	9	100	16176	1	-59.1	29.9	1	76	278	10	100	16241	1	-60.0			4	81	284	11
150	13618	0	-56.2	28.1	0	68	283	12	150	13625	0	-57.5	25.7	0	73	281	15	150	13708	0	-59.0			4	81	286	16
200	11787	0	-55.3	22.9	0	62	284	15	200	11806	0	-57.1	17.5	0	66	287	18	200	11901	0	-58.0			4	79	290	19
300	9160	0	-46.5	10.8	0	50	281	14	300	9185	0	-45.6	9.8	0	54	286	15	300	9280	0	-44.1	12.4		2	75	289	21
500	5585	0	-21.0	12.0	0	58	278	11	500	5598	0	-20.5	11.5	0	59	280	12	500	5659	0	-18.1	14.6		2	72	285	13
700	3017	0	-5.2	11.1	0	55	274	8	700	3027	0	-4.8	10.2	0	61	281	8	700	3066	0	-3.0	9.2		2	59	275	7
850	1471	0	2.0	5.6	0	56	276	6	850	1479	0	2.3	4.4	0	61	284	6	850	1504	0	4.7	5.6		3	47	279	5
1006	* 96		9.5	4.0					1003	* 116		7.7	3.3					1002	* 139		11.7	5.6					
EUROPE - HUNGARY SZEGED 12982 OCT 1999 4615N 02006E OB									EUROPE - CROATIA ZAGREB/MAKSIMIR 14240 OCT 1999 4549N 01602E OB 3									EUROPE - ROMANIA CLUJ-NAPOCA 15120 OCT 1999 4647N 02334E OB 1									
030	23780	3	-58.1		5	84	270	6	030	23793	5	-57.0		5	81	257	5	030									
050	20582	3	-60.2		5	81	280	6	050	20580	5	-59.3		5	80	276	6	050									
100	16262	0	-60.7		3	82	289	12	100	16753	5	-60.9		5	84	277	17	100	16249	4	-60.4			5	77	276	10
150	13736	0	-59.6		3	83	287	16	150	13730	5	-59.7		5	81	280	15	150	13705	2	-58.6			5	82	287	15
200	11934	0	-58.2		3	80	293	19	200	11929	5	-58.2		5	74	282	17	200	11873	2	-57.2			5	77	293	18
300	9313	0	-43.9	10.3	3	73	290	19	300	9308	5	-43.5		5	69	277	16	300	9266	2	-44.2	11.9		3	76	292	19
500	5682	0	-16.9	16.2	1	76	283	15	500	5673	5	-16.6	14.5	5	66	273	11	500	5653	2	-18.4	12.0		4	70	286	11
700	3080	0	-1.9	11.1	2	66	286	7	700	3068	5	-2.0	11.1	5	57	279	6	700	3061	2	-2.5	10.7		4	66	290	6
850	1512	0	6.0	5.7	2	51	282	4	850	1505	5	5.1	4.2	5	20	250	2	850	1499	1	5.2	4.8		4	50	270	3
1010	* 83		8.8	2.0					1004	* 128		12.4	4.9					970	* 413		7.8	.9					
EUROPE - ROMANIA BUCURESTI/IMH 15420 OCT 1999 4430N 02608E OB 1									EUROPE - ROMANIA CONSTANTA 15480 OCT 1999 4413N 02838E OB 1									EUROPE - BULGARIA SOFIA (OBSERV.) 15614 OCT 1999 4239N 02323E OB 0									
030									030									030									
050	20593	4	-60.5		5	75	278	6	050	20557	14	-61.0		9	80	275	6	050									
100	16268	0	-60.8		1	81	276	12	100	16247	4	-61.6		4	80	270	12	100	13851	19	-60.0	7.6		9	84	275	16
150	13745	0	-59.7		1	83	284	17	150	13721	3	-59.4		3	80	280	17	150	12048	15	-56.8	7.2		9	77	278	15
200	11939	0	-58.5		0	83	291	23	200	11920	2	-57.6		2	80	290	21	200	9389	1	-42.5	8.6		1	72	286	17
300	9324	0	-44.3	9.9	0	79	290	22	300	9304	1	-44.9	9.4	1	80	290	20	300	5729	0	-15.2	10.8		0	70	284	12
500	5698	0	-17.3	11.9	0	79	282	15	500	5677	0	-17.6	13.4	0	80	285	14	500	3107	0	-1.1	8.6		0	69	277	7
700	3099	0	-2.5	8.8	0	73	290	8	700	3080	0	-2.4	11.6	0	70	280	8	700	1529	0	8.3	7.0		0	47	291	3
850	1535	0	5.6	4.0	0	45	273	3	850	1516	0	5.4	6.2	0	40	310	3	850	* 595		16.2	9.6					
1011	* 91		9.0	1.0					1019	* 14		12.6	1.5														

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
EUROPE - ITALY MILANO/LINATE 16080 OCT 1999 4526N 00917E OB 3									EUROPE - ITALY PRATICA DI MARE 16245 OCT 1999 4139N 01226E OB 3									EUROPE - ITALY BRINDISI 16320 OCT 1999 4039N 01757E OB 3									
030	23812	6	-57.2	25.7	7	82	251	6	030	23826	0	-57.1	27.8	0	74	269	5	030	23817					0	83	270	6
050	20603	6	-59.6	25.3	7	75	271	6	050	20619	0	-60.7	25.8	0	67	276	5	050	20617	0	-64.3			0	70	282	6
100	16280	6	-61.1	22.4	6	85	268	10	100	16338	0	-63.8	21.1	0	86	273	12	100	16339	0	-65.5			0	84	278	12
150	13758	6	-59.3	19.2	6	85	271	14	150	13848	0	-62.2	17.4	0	88	274	19	150	13851	0	-62.0	20.6		0	89	280	19
200	11954	6	-57.8	14.0	6	78	271	16	200	12060	0	-58.9	13.0	0	87	278	21	200	12065	0	-59.2	13.8		0	84	281	20
300	9325	6	-42.8	11.4	6	72	267	14	300	9428	0	-41.9	11.6	0	86	275	19	300	9436	0	-41.9	13.1		0	75	282	16
500	5681	6	-16.1	11.6	6	72	266	9	500	5761	0	-13.9	17.2	0	87	273	14	500	5768	0	-14.1	16.7		0	82	282	12
700	3069	6	-1.0	9.0	6	36	249	3	700	3121	0	2.4	14.1	0	77	270	9	700	3129	0	2.6	15.4		0	78	285	7
850	1496	6	6.8	5.7	6	19	158	1	850	1527	0	11.2	10.2	0	63	246	5	850	1533	0	11.3	10.5		0	55	302	4
1004	* 103		15.0	4.9					1014	* 32		19.0	6.5					1018	* 10		20.7	6.7					
EUROPE - ITALY TRAPANI/BIRGI 16429 OCT 1999 3755N 01230E OB 3									EUROPE - ITALY CAGLIARI/ELMAS 16560 OCT 1999 3915N 00904E OB /									EUROPE - GREECE HERAKLION (AIRPORT) 16754 OCT 1999 3520N 02511E OB /									
030	23842	1	-56.7	31.1	1	70	276	6	030	23867	14	-56.0	32.0	9	41	234	2	030	23820	12	-59.3	30.8	9	72	265	7	
050	20645	1	-61.3	29.5	1	70	273	6	050	20654	14	-60.1	30.4	9	54	254	3	050	20630	10	-62.3	28.2	9	72	263	6	
100	16389	1	-65.7	25.7	1	85	270	13	100	16379	13	-64.3	27.7	9	91	259	11	100	16393	2	-66.1	21.8	4	90	270	15	
150	13920	1	-63.1	21.4	1	84	275	18	150	13895	13	-62.4	24.2	9	91	267	19	150	13917	2	-61.7	21.2	3	97	264	19	
200	12137	1	-59.2	14.5	1	83	280	19	200	12106	13	-58.6	16.6	9	91	272	20	200	12118	2	-57.2	16.5	7	81	279	16	
300	9498	1	-40.6	14.3	1	81	280	16	300	9469	13	-41.1	15.3	9	80	274	15	300	9474	1	-41.2	13.0	2	73	307	13	
500	5808	1	-12.2	18.9	1	78	275	10	500	5785	13	-12.6	24.0	9	80	273	11	500	5794	1	-12.4	20.1	2	79	304	9	
700	3151	1	4.9	20.6	1	71	286	8	700	3135	13	4.1	25.8	9	76	272	6	700	3137	0	5.3	20.5	2	74	317	8	
850	1542	1	13.9	16.4	1	59	279	5	850	1533	13	12.1	15.2	9	75	290	7	850	1528	0	13.0	10.9	3	67	321	5	
1017	* 14		21.3	2.7					1017	* 5		21.4	8.4					1012	* 39		20.3	6.3					
EUROPE - TURKEY SAMSUN 17030 OCT 1999 4117N 03618E OB 3									EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 OCT 1999 4058N 02905E OB 3									EUROPE - TURKEY ANKARA/CENTRAL 17130 OCT 1999 3957N 03253E OB 3									
030	23864	21	-57.5		9	57	275	4	030	23795	17	-58.1		9	88	290	7	030	23809	3	-57.3		4	75	270	9	
050	20000		-62.3		9	87	245	13	050	20610	12	-61.7		9	75	265	6	050	20612	2	-61.8		3	83	260	10	
100					9	9			100	16327	10	-63.3		9	86	285	12	100	16330	2	-63.2		3	87	275	13	
150	13809	12	-59.5		9	90	260	18	150	13813	8	-60.7		8	89	285	16	150	13814	1	-60.0		2	84	270	16	
200	11993	12	-55.7		9	86	270	19	200	12003	6	-58.0		6	75	300	15	200	12003	0	-57.6		1	78	280	14	
300	9342	11	-43.4		9	89	255	17	300	9352	3	-43.3		3	74	295	14	300	9362	0	-43.5		0	67	285	12	
500	5720	11	-16.2	17.9	9	77	255	10	500	5729	0	-15.4	17.7	0	71	290	10	500	5728	0	-15.4	12.2	0	69	285	9	
700	3102	11	.9	9.9	9	63	260	5	700	3109	0	.6	9.2	2	50	350	2	700	3102	0	1.2	9.3	0	62	285	5	
850	1513	11	.0		9	60	245	3	850	1521	0	9.1	3.3	3	40	350	2	850	1516	0	10.9	8.7	0	25	335	1	
1017	* 4		16.1	4.9					1014	* 33		15.0	3.3					916	* 891		11.1	5.3					

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - TURKEY IZMIR/GUZELYALT 17220 OCT 1999 3826N 02710E OB 3									EUROPE - TURKEY ISPARTA 17240 OCT 1999 3745N 03033E OB 3									EUROPE - TURKEY DIYARBAKIR 17280 OCT 1999 3753N 04012E OB 3								
030	23835	5	-57.2		5	83	264	10	030	23842	12	-56.6		9	89	256	8	030	23856	17	-57.5		9	91	255	10
050	20636	3	-61.8		3	91	262	10	050	20637	11	-61.6		9	82	258	9	050	20634	13	-61.8		9	83	245	10
100	16367	2	-64.4		3	88	264	14	100	16369	9	-64.0		9	89	255	16	100	16373	9	-64.8		9	95	250	19
150	13865	1	-61.0		1	84	266	16	150	13856	4	-61.0		6	87	257	21	150	13860	7	-60.3		9	88	245	22
200	12062	0	-57.9		0	77	280	18	200	12053	3	-57.3		3	79	267	20	200	12049	5	-56.1		6	88	250	23
300	9403	0	-42.0		0	68	287	13	300	9391	3	-42.3		4	70	279	14	300	9394	4	-42.1		5	81	255	18
500	5749	0	-13.9	15.6	0	77	287	10	500	5754	0	-14.0	13.5	1	69	282	9	500	5743	3	-14.4	12.7	4	80	255	12
700	3118	0	3.5	13.6	0	40	286	4	700	3118	0	2.9	9.5	7	27	265	3	700	3109	3	3.0	9.7	4	56	225	5
850	1516	0	12.0	9.1	0	33	354	2	850	1519	0	11.9	7.3	4	25	355	1	850	1501	3	15.0	13.5	4	40	275	2
1013	* 29		18.0	5.2					905	* 997		10.8	5.2					940	* 677		14.8	11.2				
EUROPE - CYPRUS ATHALASSA 17607 OCT 1999 3509N 03324E OB 2									EUROPE - RUSSIAN FEDERATION (EUROPE) MURMANSK 22113 OCT 1999 6859N 03307E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 OCT 1999 6437N 04030E OB 3								
030									030	23518	3	-62.5	23.7	3	90	291	10	030	23523	28	-63.5		9	90	328	10
050									050	20351	1	-59.7	24.8	1	89	296	10	050	20366	22	-61.3		9	80	307	9
100	16419	2	-66.0		0	91	261	16	100	15976	0	-55.5	25.9	0	78	292	10	100	16020	15	-55.4		9	66	304	7
150	13942	2	-60.9		0	88	258	23	150	13380	0	-54.1	25.0	0	70	290	11	150	13444	3	-54.5		3	59	283	9
200	12130	1	-55.9		0	88	265	24	200	11529	0	-53.4	19.9	0	64	289	13	200	11607	2	-54.5	10.3	2	53	276	11
300	9474	1	-40.8		0	79	272	15	300	8917	0	-49.9	9.4	0	51	291	13	300	9005	1	-48.7	7.0	1	48	266	12
500	5790	0	-12.7	17.0	0	70	266	8	500	5401	0	-25.0	7.5	0	56	294	9	500	5453	0	-23.2	9.4	0	51	265	9
700	3133	0	4.6	14.0	0	54	278	4	700	2877	0	-9.1	8.7	0	50	293	6	700	2912	0	-7.8	7.5	0	49	265	7
850	1524	0	14.1	8.0	0	50	304	2	850	1357	0	-2.8	2.6	0	40	288	4	850	1379	0	- .8	3.9	1	50	257	6
995	* 161		27.9	14.0					992	* 121		3.3	2.2					1009	* 4		5.0	1.9				
EUROPE - RUSSIAN FEDERATION (EUROPE) ST. PETERBURG (VOEJKOVO) 26063 OCT 1999 5957N 03042E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 OCT 1999 5545N 03757E OB 0									EUROPE - RUSSIAN FEDERATION (EUROPE) ROSTOV-NA-DONU 34731 OCT 1999 4715N 03949E OB 3								
030	23685	0	-60.2	19.3	0	82	290	8	030	23713	13	-59.1	11.5	9	89	286	7	030	23629	21	-58.3		9	97	277	10
050	20491	0	-59.0	19.1	0	77	288	7	050	20500	10	-58.7	11.2	9	80	282	6	050	20429	16	-59.7		9	87	278	9
100	16113	0	-56.1	19.0	0	60	276	7	100	16129	5	-56.7	9.9	5	72	278	7	100	16115	14	-57.5		9	79	271	12
150	13527	0	-54.7	17.5	0	49	271	8	150	13567	3	-55.2	9.2	3	65	271	8	150	13582	12	-55.9		9	71	277	13
200	11681	0	-53.5	14.5	0	43	272	9	200	11726	3	-54.0	7.5	3	47	278	7	200	11743	12	-53.9		9	67	277	14
300	9052	0	-47.3	9.1	0	40	256	9	300	9102	3	-47.4	5.6	3	34	269	7	300	9116	12	-48.9		9	50	270	13
500	5502	0	-23.1	8.5	0	44	255	7	500	5537	2	-22.2	8.3	2	51	251	7	500	5570	11	-22.9	8.3	9	52	269	10
700	2955	0	-6.8	7.6	0	50	256	6	700	2984	2	-6.4	6.5	2	55	241	6	700	3017	11	-5.3	7.6	9	59	279	7
850	1416	0	.2	3.2	0	52	259	5	850	1444	2	1.6	4.8	3	60	244	6	850	1472	11	2.2	6.0	9	18	293	2
1003	* 78		6.8	2.9					992	* 200		6.6	3.1					1009	* 78		7.2	2.3				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
																											hPa	gpm	°C	°C	%
EUROPE - GEORGIA TBILISI 37549 OCT 1999 4141N 04457E OB 3									EUROPE - LEBANON BEYROUTH (AEROPORT) 40100 OCT 1999 3349N 03529E OB 3									EUROPE - ISRAEL BET DAGAN 40179 OCT 1999 3200N 03449E OB 3													
030	23773	25	-59.4		9	84	280	3	030	23838	5	-56.1	32.0	9	75	254	6	030													
050	20646	21	-62.1		9	75	265	4	050	20640	2	-62.1	30.3	7	68	270	6	050	20650	1	-61.6										
100	16329	12	-61.9		9	95	255	16	100	16435	1	-67.0	27.5	6	92	260	16	100	16451	0	-68.9			0	96	248	19				
150	13827	10	-58.1		9	94	258	20	150	13968	1	-61.9	26.1	4	96	257	30	150	14003	0	-63.1			0	94	248	29				
200	11985	8	-55.3		8	94	254	23	200	12158	1	-54.5	24.2	4	91	255	31	200	12200	0	-54.3			0	91	250	30				
300	9345	4	-44.2	10.0	5	91	257	22	300	9485	1	-39.8	19.2	3	87	257	21	300	9518	0	-39.0	11.5	0	87	253	21					
500	5719	4	-17.3	10.1	3	85	255	13	500	5794	1	-11.9	20.9	3	81	254	11	500	5814	0	-11.2	15.5	0	80	247	10					
700	3113	4	-7	7.3	3	91	261	8	700	3130	1	5.9	22.9	2	65	247	5	700	3142	0	6.5	16.5	0	75	233	6					
850	1535	3	8.3	5.3	3	32	264	2	850	1516	1	14.7	12.8	2	35	226	2	850	1525	0	15.0	9.5	0	43	269	2					
964	* 490		11.5	3.5					1011	* 19		22.8	6.9					1011	* 35		23.7	7.3									
ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV DIKSON 20674 OCT 1999 7330N 08024E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) SALEHARD 23330 OCT 1999 6632N 06640E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HANTY-MANSIJSK 23933 OCT 1999 6101N 06902E OB 3													
030	23257	19	-63.7		9	89	291	11	030	23270	29	-62.9	7.5	9	97	293	20	030	23730	29	-60.3			9	94	305	11				
050	20126	13	-60.3		9	86	311	9	050	20067	28	-61.5	8.7	9	94	297	18	050	20535	29	-58.4			9	98	311	9				
100	15774	10	-54.2		9	87	314	9	100	15740	25	-58.4	6.7	9	97	312	18	100	16085	27	-58.5			9	98	309	11				
150	13152	8	-51.3		8	87	307	11	150	13168	23	-56.0	5.9	9	94	304	18	150	13525	27	-56.4			9	95	304	14				
200	11305	7	-50.1		7	86	302	14	200	11339	23	-56.9	4.6	9	92	310	20	200	11705	27	-57.4			9	81	291	12				
300	8670	6	-51.3		6	72	298	17	300	8754	23	-51.3	4.6	9	88	314	23	300	9120	27	-48.6			9	75	274	13				
500	5253	2	-31.0	6.8	2	65	297	11	500	5276	23	-29.0	5.3	9	78	299	15	500	5546	26	-22.0	3.9	9	80	247	10					
700	2798	2	-16.8	6.1	2	52	299	6	700	2800	23	-16.1	4.0	9	80	282	10	700	2989	26	-6.0	3.1	9	75	226	8					
850	1315	1	-12.1	3.6	2	21	296	2	850	1314	23	-9.4	2.9	9	76	277	9	850	1452	26	1.5	3.4	9	78	218	8					
1002	* 47		-8.3	1.7					1004	* 16		-6.1	1.9					1012	* 46		2.8	.5									
ASIA - RUSSIAN FEDERATION (IN ASIA) VERHOJANSK 24266 OCT 1999 6734N 13324E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) JAKUTSK 24959 OCT 1999 6201N 12943E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) VERHNEE DUBROVO 28445 OCT 1999 5644N 06104E OB 0													
030	23475	11	-56.6	11.0	9	94	223	12	030	23445	7	-54.4	11.3	7	93	239	15	030	23600	8	-60.6	7.7	9	90	295	11					
050	20210	8	-56.6	10.2	8	92	230	8	050	20183	4	-56.1	10.4	4	93	240	10	050	20417	4	-60.3	7.4	4	88	296	10					
100	15776	5	-53.1	9.3	6	82	218	6	100	15765	2	-54.0	8.9	2	77	244	6	100	16073	4	-57.7	6.6	4	81	293	10					
150	13158	3	-52.2	8.0	3	66	218	5	150	13160	2	-53.2	7.2	2	65	246	6	150	13525	2	-56.6	5.5	2	73	288	11					
200	11298	3	-53.3	6.1	3	61	210	6	200	11309	2	-53.4	5.7	2	55	243	7	200	11710	1	-57.5	4.5	1	70	286	14					
300	8720	3	-54.2	4.2	3	54	202	9	300	8735	1	-55.2	4.3	1	39	234	8	300	9112	1	-48.1	4.5	1	61	278	14					
500	5294	2	-33.0	5.9	2	61	192	8	500	5307	0	-31.6	4.5	0	39	223	5	500	5554	2	-22.2	5.9	1	66	279	12					
700	2851	2	-17.9	5.5	2	64	183	5	700	2853	0	-16.2	4.6	1	38	212	3	700	2999	1	-6.4	7.1	1	66	280	9					
850	1380	2	-11.7	3.9	2	57	191	3	850	1376	0	-10.4	2.7	1	19	240	1	850	1456	1	1.2	5.1	1	73	280	9					
999	* 138		-14.2	3.4					1002	* 101		-9.2	1.6					982	* 290		4.2	2.6									

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - RUSSIAN FEDERATION (IN ASIA) OMSK 28698 OCT 1999 5456N 07324E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) EMEL'JANOVO 29572 OCT 1999 5611N 09237E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) CHITA 30758 OCT 1999 5205N 11329E OB 0								
030	23676	7	-60.3		9	90	296	10	030	23561	11	-56.6	10.7	9	93	281	14	030	23664	21	-50.2		9	98	252	15
050	20493	5	-59.9		5	89	295	10	050	20338	7	-57.9	9.5	8	91	289	12	050	20362	21	-54.3		9	98	271	13
100	16137	4	-57.8		4	84	296	12	100	15951	4	-56.9	7.5	4	91	300	14	100	15953	20	-55.1		9	94	290	14
150	13564	4	-56.4		4	75	290	15	150	13381	4	-56.5	6.4	4	98	300	16	150	13378	18	-54.7		9	90	294	16
200	11741	4	-57.8		4	69	291	17	200	11558	3	-57.8	5.4	3	83	297	17	200	11536	18	-55.1		9	78	307	15
300	9134	4	-47.9		4	60	287	15	300	8982	2	-51.8	5.3	2	77	292	19	300	8959	18	-52.4		9	62	325	12
500	5568	0	-21.1	5.6	0	59	284	11	500	5487	1	-26.8	6.8	1	81	287	16	500	5472	18	-26.2	9.5	9	69	332	10
700	3011	0	-6.2	7.1	0	66	276	9	700	2977	0	-11.4	7.6	0	85	277	12	700	2957	18	-10.8	9.3	9	85	330	9
850	1473	0	1.0	4.7	0	69	268	7	850	1465	0	-3.9	5.4	0	83	264	9	850	1445	18	-3.9	6.2	9	78	318	6
1008	* 90		4.3	2.2					995	* 206		-2.5	2.5					938	* 671		-4.7	3.0				
ASIA - RUSSIAN FEDERATION (IN ASIA) ALDAN 31004 OCT 1999 5837N 12522E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HABAROVSK 31736 OCT 1999 4832N 13514E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) VLADIVOSTOK (SAD GOROD) 31977 OCT 1999 4316N 13203E OB 3								
030	23553	19	-54.0	9.5	9	93	244	10	030									030	23837	21	-52.1	11.6	9	97	241	12
050	20284	18	-55.4	8.5	9	89	256	9	050									050	20545	19	-55.7	10.0	9	98	252	17
100	15856	12	-52.8	6.8	9	72	271	6	100	16033	16	-54.0	8.3	9	96	257	22	100	16176	13	-57.1	8.6	9	98	257	28
150	13240	10	-51.9	5.5	9	63	284	7	150	13433	13	-53.3	7.5	9	97	259	28	150	13595	12	-55.0	7.5	9	97	260	36
200	11377	10	-52.4	4.2	9	61	293	8	200	11589	12	-52.3	6.5	9	93	258	28	200	11767	9	-54.5	6.4	9	96	263	38
300	8777	10	-53.2	2.7	9	44	287	9	300	8963	12	-49.6	5.6	9	85	258	24	300	9157	3	-45.1	6.8	3	92	260	37
500	5325	9	-29.8	2.9	9	39	301	6	500	5457	12	-26.5	7.0	9	81	262	15	500	5575	3	-22.1	8.7	3	92	263	22
700	2856	9	-16.4	2.5	9	49	307	5	700	2939	11	-10.0	7.9	9	88	263	11	700	3022	2	-7.0	8.7	2	79	262	11
850	1380	9	-11.2	2.7	9	69	288	7	850	1418	11	-1.4	7.2	9	90	257	11	850	1482	2	.7	7.5	2	63	293	7
931	* 79		-8.9	2.4					1004	* 72		5.3	6.6					1009	* 82		5.8	4.8				
ASIA - RUSSIAN FEDERATION (IN ASIA) JUZHNO-SAHALINSK 32150 OCT 1999 4657N 14243E OB 1									ASIA - RUSSIAN FEDERATION (IN ASIA) PETROPAVLOVSK- KAMCATSKIJ 32540 OCT 1999 5305N 15835E OB 3									ASIA - SAUDI ARABIA TABUK 40375 OCT 1999 2822N 03636E OB 3								
030									030	23735	29	-52.4	12.5	9	55	242	1	030	23856	0	-55.1	31.6	5	43	127	4
050									050	20530	27	-51.7	10.5	9	99	250	5	050	20645	0	-61.9	29.3	3	50	319	5
100	16127	5	-56.1	9.2	5	97	251	27	100	16024	26	-50.3	12.4	9	98	252	20	100	16492	0	-73.0	17.2	4	93	242	14
150	13539	2	-54.4	8.6	2	97	252	34	150	13392	26	-50.7	9.8	9	96	254	25	150	14083	0	-65.5	18.4	2	95	250	26
200	11696	1	-53.2	7.7	1	95	251	36	200	11513	25	-49.4	7.2	9	92	254	22	200	12288	0	-54.2	19.9	3	93	252	28
300	9065	0	-46.6	6.7	0	88	255	31	300	8875	25	-50.4	5.0	9	82	260	15	300	9583	0	-36.1	23.0	5	86	255	19
500	5512	0	-23.6	9.0	0	78	253	15	500	5390	25	-27.2	5.4	9	66	267	8	500	5845	0	-9.9	25.6	4	77	227	10
700	2969	0	-7.3	9.2	0	72	257	11	700	2894	24	-10.2	5.8	9	53	266	7	700	3161	0	8.3	14.7	8	81	205	9
850	1435	0	-.1	6.1	0	57	256	7	850	1377	25	-2.2	3.8	9	62	289	6	850	1519	0	21.1	19.3	3	29	217	2
1012	* 24		5.8	2.6					997	* 84		4.8	3.2					927	* 768		21.1	15.2				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - SAUDI ARABIA HAIL 40394 OCT 1999 2726N 04141E OB 3									ASIA - SAUDI ARABIA KING KHALED INT. AIRPORT 40437 OCT 1999 2456N 04643E OB 3									ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT.) 41024 OCT 1999 2142N 03911E OB 3								
030	23871	5	-54.6	31.8	5	24	150	1	030	23844	6	-55.8	30.2	7	89	78	7	030	23862	1	-56.2	32.0	1	92	93	9
050	20657	4	-62.5	28.6	4	42	139	2	050	20648	6	-63.0	24.6	7	27	87	2	050	20665	0	-63.8	28.9	4	56	119	4
100	16534	3	-74.6	16.8	3	91	249	13	100	16555	1	-78.0	13.1	2	80	247	8	100	16573	0	-78.2	13.9	3	59	218	6
150	14140	3	-65.7	17.6	3	99	252	25	150	14180	1	-66.6	17.7	2	97	243	16	150	14207	0	-66.9	14.4	3	87	231	14
200	12344	2	-53.7	19.8	2	99	251	26	200	12387	0	-53.5	16.9	1	97	251	19	200	12415	0	-53.5	15.9	1	92	242	15
300	9625	2	-34.3	23.6	2	95	252	21	300	9662	0	-32.7	22.4	1	94	255	15	300	9684	0	-32.3	20.9	5	85	237	10
500	5869	2	-9.8	23.5	2	77	244	7	500	5862	0	-7.2	31.2	1	50	271	4	500	5880	0	-6.6	27.9	4	58	216	4
700	3187	2	10.0	16.8	2	63	210	4	700	3171	0	8.4	16.5	0	47	359	3	700	3179	0	10.5	15.8	7	60	106	5
850	1528	2	26.1	28.3	2	48	188	3	850	1523	0	23.4	24.6	0	60	133	4	850	1521	0	24.5	24.0	6	52	85	3
902	*1013		33.6	31.0					940	* 612		22.4	24.9					1007	* 17		26.5	3.0				
ASIA - KUWAIT KUWAIT INTERNATIONAL AIRPORT 40582 OCT 1999 2913N 04759E OB 3									ASIA - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT 41217 OCT 1999 2426N 05439E OB 3									ASIA - OMAN SEEB, INTERNATIONAL AIRPORT 41256 OCT 1999 2335N 05817E OB 1								
030	23855	13	-54.5	32.1	9	27	279	1	030	23855	3	-55.3		2	89	90	7	030	23871	27	-54.4					
050	20654	0	-62.5	.0	2	22	244	1	050	20653				0	69	91	4	050	20677	14	-64.1					
100	16522	0	-74.5	26.5	2	94	259	16	100	16577	0	-79.2		0	73	244	7	100	16602	3	-79.9					
150	14124	0	-63.3	27.9	1	97	259	27	150	14212	0	-66.7		0	94	250	14	150	14243	2	-66.7					
200	12327	0	-53.5	29.5	2	98	260	30	200	12417	0	-53.2	22.2	0	93	254	16	200	12447	2	-52.9					
300	9608	0	-34.5	32.1	2	97	264	24	300	9681	0	-31.8	27.4	0	91	267	13	300	9704	2	-31.1					
500	5861	0	-10.1	31.6	1	75	271	7	500	5872	0	-6.4	42.1	0	46	306	3	500	5885	2	-5.8	43.0				
700	3185	0	8.6	17.9	2	64	288	5	700	3170	0	9.7	22.6	0	52	56	4	700	3178	2	9.3	14.3				
850	1539	0	23.0	24.8	2	62	299	4	850	1523	0	22.8	22.8	0	51	40	3	850	1532	2	22.8					
1005	* 55		30.1	20.5					1007	* 27		31.1	9.2					1009	* 8		25.5	17.6				
ASIA - OMAN SALALAH 41316 OCT 1999 1702N 05405E OB 3									ASIA - INDIA SRINAGAR 42027 OCT 1999 3405N 07450E OB 3									ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 OCT 1999 2835N 07712E OB 3								
030									030									030								
050									050									050	20649	8	-61.4					
100	16565	4	-80.7	16.1	5	84	105	9	100									100	16531	0	-76.1		5	94	261	20
150	14221	2	-67.8	16.2	3	79	119	9	150	13989	3	-60.7						150	14148	0	-66.0		2	98	261	28
200	12433	1	-53.4	17.0	2	76	127	7	200	12170	0	-52.5		9	99	275	22	200	12348	0	-52.6		1	96	262	30
300	9692	1	-31.0	27.3	2	54	91	4	300	9481	0	-39.3	7.2	9	98	275	22	300	9605	0	-32.7		0	94	257	24
500	5866	1	-4.7	30.9	4	70	72	5	500	5796	0	-13.7	11.2	3	69	260	4	500	5824	0	-8.5	18.6	0	69	275	7
700	3149	1	9.4	21.6	4	92	53	9	700	3135	0	7.2	15.3	1	24	295	1	700	3131	0	7.9	17.0	0	87	316	7
850	1511	1	19.7	14.7	4	78	61	5	842	*1587		14.0	9.0					850	1496	0	20.0	11.7	0	76	343	5
1008	* 20		24.9	4.0														977	* 216		25.6	8.8				

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
ASIA - INDIA JODHPUR 42339 OCT 1999 2618N 07301E OB 3								ASIA - INDIA LUCKNOW/AMAUSI 42369 OCT 1999 2645N 08053E OB 3								ASIA - INDIA GAUHATI 42410 OCT 1999 2606N 09135E OB 3												
030								030	23988	0		-53.7						030	23908	3		-54.5			5	49	72	3
050	20725	9	-69.5		9	87	104	4	050	20743	0	-60.9						050	20674	1		-61.1			3	31	120	4
100	16597	9	-76.5		9	65	148	2	100	16605	0	-76.1						100	16567	0		-80.0			0	87	262	9
150	14217	3	-64.7		9	99	239	24	150	14212	0	-64.7						150	14208	0		-67.2			0	92	257	15
200	12403	1	-50.7		9	97	261	24	200	12396	0	-50.5						200	12413	0		-52.6			0	65	253	16
300	9643	0	-30.5	9.2	9	60	270	13	300	9635	0	-30.1	8.6	4	91	261	21	300	9665	0		-30.5			0	91	253	14
500	5831	0	-7.3	7.2	9	85	279	8	500	5821	0	-6.5	8.8	2	90	277	9	500	5843	0		-6.1	6.7	0	70	241	9	
700	3143	0	8.0	14.1	3	77	8	4	700	3119	0	8.4	14.9	0	60	310	4	700	3132	0		8.7	8.6	0	63	234	3	
850	1500	0	21.6	18.8	2	63	360	2	850	1486	0	18.6	10.6	0	54	327	2	850	1494	0		18.3	5.4	0	23	127	1	
983	* 224		27.0	21.6					994	* 128		25.2	3.6					1003	* 54			25.8	2.4					
ASIA - INDIA PATNA 42492 OCT 1999 2536N 08506E OB 3								ASIA - INDIA AHMADABAD 42647 OCT 1999 2304N 07238E OB 3								ASIA - INDIA CALCUTTA/DUM DUM 42809 OCT 1999 2239N 08827E OB 3												
030									030									030	23999	11		-64.5			9	90	96	9
050									050	20739	4	-61.5						050	20753	4		-60.8			3	82	91	5
100	16618	7	-78.6						100	16652	3	-78.7		9	61	244	5	100	16630	0		-79.5			0	35	233	2
150	14249	2	-65.5						150	14270	3	-65.4		7	87	249	9	150	14263	0		-66.6			0	62	231	6
200	12440	1	-52.7						200	12469	0	-51.8		2	88	261	10	200	12461	0		-51.7			0	67	230	7
300	9673	1	-29.5						300	9712	0	-30.0		1	92	269	10	300	9699	0		-29.2			0	64	235	5
500	5830	1	-5.3	7.9	6	85	277	7	500	5865	0	-4.5	11.1	0	68	295	4	500	5855	0		-4.2	8.9	0	36	223	2	
700	3135	1	9.6	11.6	3	48	299	2	700	3143	0	9.3	12.7	0	55	322	3	700	3128	0		10.6	10.0	0	39	188	2	
850	1502	1	18.4	9.8	3	19	325	1	850	1499	0	20.7	14.4	0	50	51	3	850	1483	0		19.2	8.5	0	19	124	1	
1002	* 60		25.6	1.8					1002	* 55		28.1	8.2					1006	* 6			27.0	2.8					
ASIA - INDIA NAGPUR SONEGAON 42867 OCT 1999 2106N 07903E OB 3								ASIA - INDIA BHUBANESWAR 42971 OCT 1999 2015N 08550E OB 3								ASIA - INDIA BOMBAY/SANTACRUZ 43003 OCT 1999 1907N 07251E OB 3												
030	23908	4	-54.9						030									030										
050	20701	2	-62.2						050									050										
100	16605	2	-80.8						100									100	16836	1		-75.1			1	88	104	7
150	14248	0	-67.2						150									150	14421	0		-60.9			0	60	181	5
200	12449	0	-51.8						200									200	12568	0		-47.2			0	45	154	3
300	9689	0	-29.8		7	71	257	5	300									300	9760	0		-26.5			0	20	97	1
500	5859	0	-4.9		3	47	281	2	500	5879	10	-4.8		9	28	151	2	500	5879	0		-2.5			0	27	63	2
700	3136	0	9.7	10.6	1	61	24	3	700	3146	10	10.3	8.4	9	16	78	1	700	3140	0		11.0	10.9	0	58	83	4	
850	1496	0	19.1	8.5	0	64	34	3	850	1494	10	19.4	9.1	9	37	59	3	850	1489	0		21.2	11.6	0	61	81	4	
974	* 310		25.0	3.7					1003	* 46		26.2	1.9					1005	* 14			27.7	5.3					

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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
ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 OCT 1999 1742N 08318E OB 3									ASIA - INDIA GOA/PANJIM 43192 OCT 1999 1529N 07349E OB 3									ASIA - INDIA MADRAS/MINAMBAKKAM 43279 OCT 1999 1300N 08011E OB 3									
030									030									030									
050									050									050	20623	7	-63.6			7	56	75	3
100	16579	1	-80.7		1	94	96	9	100			-82.8						100	16539	2	-78.6			2	98	91	12
150	14225	0	-66.5		0	84	108	7	150	14148	8	-70.3		9	92	110	12	150	14193	2	-68.4			2	97	92	15
200	12423	0	-51.4	8.9	0	76	101	5	200	12383	7	-54.5		8	82	119	8	200	12416	2	-53.2			2	93	89	10
300	9663	0	-29.6	9.0	0	50	63	3	300	9638	6	-31.7		6	78	95	7	300	9663	2	-30.7			2	86	87	7
500	5825	0	-4.8	9.4	0	28	26	2	500	5816	5	-5.4	7.7	5	61	103	3	500	5839	2	-5.0	6.9		2	56	99	3
700	3102	0	10.3	8.3	0	48	33	3	700	3103	5	9.0	10.1	5	43	81	2	700	3116	1	10.0	9.2		1	30	76	2
850	1459	0	19.0	7.3	0	55	47	3	850	1466	5	19.0	7.5	5	57	62	3	850	1473	1	18.8	8.4		1	29	45	2
999	* 66		27.3	3.4					1000	* 60		27.1	3.0					1004	* 16		27.3	3.4					
ASIA - INDIA MANGALORE/PANAMBUR 43285 OCT 1999 1257N 07450E OB 3									ASIA - INDIA PORT BLAIR 43333 OCT 1999 1140N 09243E OB 3									ASIA - INDIA COCHIN/WILLINGDON 43353 OCT 1999 0957N 07616E OB 3									
030	23900	9	-56.8						030									030									
050	20699	8	-62.7						050									050	20599	9	-64.6						
100	16593	5	-78.7						100	16532	11	-79.3		9	87	84	14	100	16517	1	-78.4						
150	14260	3	-65.0						150	14195	6	-69.8		6	75	86	12	150	14170	1	-69.1						
200	12450	3	-52.4						200	12416	3	-54.7		2	73	88	9	200	12392	1	-54.1						
300	9700	3	-29.6	7.4					300	9685	1	-30.9	7.1	1	72	115	6	300	9659	0	-30.8	6.3					
500	5861	2	-4.5	6.0					500	5848	0	-5.3	5.8	0	42	122	3	500	5835	0	-5.3	5.6					
700	3136	0	10.2	4.8	5	45	108	3	700	3124	0	9.5	4.7	0	37	199	2	700	3116	0	9.1	4.9					
850	1490	0	19.3	4.4	0	10	104	1	850	1484	0	18.1	3.0	0	44	188	3	850	1478	0	17.4	3.1					
1004	* 31		26.6	2.8					999	* 79		25.7	1.9					1007	* 3		26.6	2.7					
ASIA - INDIA MINICOY 43369 OCT 1999 0818N 07309E OB 3									ASIA - HONG KONG, CHINA KING'S PARK 45004 OCT 1999 2219N 11410E OB 1									ASIA - REPUBLIC OF KOREA OSAN AB 47122 OCT 1999 3706N 12702E OB 3									
030	23676		-60.0		9	67	103	3	030	23863	2	-55.6	31.1	2	95	91	11	030	23943	2	-52.7	14.2	3	86	254	7	
050	20538	7	-65.5			43	277	2	050	20663	1	-64.1	28.7	1	80	108	7	050	20670	1	-57.2	12.3	1	97	256	12	
100	16423	2	-79.8			87	99	10	100	16604	0	-80.6	17.7	0	40	340	4	100	16371	0	-64.8	10.1	0	98	264	27	
150	14084	1	-71.2		1	96	92	23	150	14250	0	-66.7	18.8	1	40	319	4	150	13881	0	-60.8	10.4	0	98	268	40	
200	12326	1	-56.3			93	89	14	200	12453	0	-52.7	19.9	0	49	308	6	200	12063	0	-54.3	11.0	0	97	267	43	
300	9615		-33.2	7.3	1	87	101	8	300	9708	0	-30.9	19.5	0	31	301	3	300	9387	0	-40.1	10.6	0	96	265	34	
500	5819		-7.1	5.2		19	239	1	500	5883	0	-5.4	12.1	1	15	351	1	500	5712	0	-15.0	12.3	0	93	267	19	
700	3115		8.3	6.0		78	273	7	700	3168	0	9.5	6.9	0	34	79	2	700	3090	0	-1.1	14.0	0	83	275	10	
850	1481		17.1	5.4		89	277	9	850	1531	0	16.9	4.8	0	74	80	5	850	1516	0	6.9	13.0	0	64	292	5	
1007	* 2		27.2	2.8					1007	* 66		24.3	4.9					1014	* 52		12.1	4.2					

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
ASIA - REPUBLIC OF KOREA POHANG 47138 OCT 1999 3602N 12923E OB 3								ASIA - REPUBLIC OF KOREA KWANGJU AB 47158 OCT 1999 3507N 12649E OB 3								ASIA - REPUBLIC OF KOREA CHEJU UPPER/RADAR 47185 OCT 1999 3317N 12610E OB 3										
030	23930	1	-53.2	13.9	1	85	261	6	030	23963	1	-53.0	13.3	1	74	260	4	030	23934	1	-53.5	14.2	1	39	241	2
050	20672	1	-58.4	11.9	1	96	257	10	050	20706	0	-58.4	11.2	0	96	258	10	050	20700	0	-59.6	11.3	0	89	253	7
100	16409	0	-66.8	10.1	0	98	264	27	100	16448	0	-67.2	9.5	0	98	266	26	100	16480	0	-69.9	8.8	0	97	268	24
150	13937	0	-61.4	11.1	0	98	267	39	150	13977	0	-62.3	10.3	0	98	269	39	150	14037	0	-63.4	9.8	0	97	273	36
200	12120	0	-54.0	11.9	0	97	267	41	200	12162	0	-53.6	11.1	0	97	269	42	200	12233	0	-53.8	11.2	0	96	271	39
300	9438	0	-39.2	10.9	0	96	264	32	300	9470	0	-38.1	10.4	0	97	267	34	300	9526	0	-36.3	11.2	0	97	267	32
500	5745	0	-13.8	13.0	0	94	267	18	500	5764	0	-13.3	10.7	0	94	266	19	500	5793	0	-11.3	10.6	0	95	264	19
700	3109	0	1.7	15.1	0	86	270	10	700	3123	0	1.9	12.3	0	83	270	10	700	3133	0	3.5	11.5	0	85	266	9
850	1524	0	8.0	11.8	0	42	294	3	850	1537	0	8.5	12.1	0	46	301	4	850	1534	0	10.9	12.7	0	42	294	3
1019	* 6		15.4	5.9					1020	* 13		13.0	3.9					1011	* 73		17.7	5.5				
ASIA - JAPAN WAKKANAI 47401 OCT 1999 4525N 14141E OB 2								ASIA - JAPAN SAPPORO 47412 OCT 1999 4303N 14120E OB 2								ASIA - JAPAN NEMURO 47420 OCT 1999 4320N 14535E OB 2										
030	23837	1	-51.2		1	93	244	10	030	23877	5	-52.4		8	93	250	8	030	23869	4	-52.8		5	95	243	8
050	20549	0	-55.5		1	96	245	15	050	20592	1	-55.3		7	97	247	15	050	20597	1	-55.8		2	97	249	14
100	16145	0	-57.0		0	97	251	27	100	16222	0	-59.4		7	97	256	28	100	16245	0	-60.2		0	98	253	28
150	13574	0	-55.3		0	97	252	35	150	13678	0	-57.2		8	97	255	38	150	13706	0	-57.8		0	97	253	41
200	11733	0	-53.8		0	95	251	40	200	11849	0	-54.7		8	94	256	41	200	11879	0	-54.6		0	97	252	47
300	9101	0	-45.9		0	92	252	35	300	9205	0	-43.6		9	93	261	34	300	9226	0	-42.5		0	96	254	41
500	5534	0	-22.8	9.3	0	87	257	19	500	5592	0	-19.9	10.7	3	88	260	23	500	5605	0	-19.5	9.6	0	91	253	23
700	2987	0	-7.1	7.7	1	82	255	12	700	3022	0	-5.1	9.8	1	81	264	12	700	3025	0	-3.8	13.3	0	84	258	12
850	1448	0	1.3	5.5	1	62	255	8	850	1472	0	3.1	7.0	0	64	249	7	850	1472	0	3.2	6.5	0	61	247	6
1013	* 11		11.0	4.8					1013	* 26		11.4	4.0					1012	* 39		11.6	4.4				
ASIA - JAPAN AKITA 47582 OCT 1999 3943N 14006E OB 2								ASIA - JAPAN WAJIMA 47600 OCT 1999 3723N 13654E OB 2								ASIA - JAPAN TATENO 47646 OCT 1999 3603N 14008E OB 2										
030	23891	1	-53.5		2	89	256	6	030	23893	0	-53.5		0	86	263	5	030	23908	1	-54.6		2	65	263	3
050	20634	0	-57.3		0	97	244	12	050	20646	0	-58.8		0	97	247	11	050	20673	0	-59.4		0	93	244	8
100	16322	0	-63.8		0	98	256	30	100	16376	0	-66.4		0	98	258	29	100	16437	0	-68.7		0	98	255	26
150	13826	0	-60.5		0	97	254	41	150	13903	0	-61.4		0	97	258	38	150	13987	0	-63.1		0	96	255	36
200	12014	0	-55.4		0	93	253	42	200	12089	0	-54.4		0	96	257	41	200	12182	0	-54.3		0	95	253	38
300	9353	0	-40.5		0	92	255	36	300	9417	0	-39.4		0	94	254	34	300	9493	0	-37.2	8.2	0	92	252	32
500	5685	0	-15.4	13.7	0	93	255	24	500	5727	0	-13.9	14.2	0	94	256	21	500	5770	0	-12.2	13.5	0	93	250	19
700	3072	0	-9	16.0	0	80	257	13	700	3098	0	.8	14.3	0	85	256	11	700	3117	0	3.8	17.9	0	79	249	9
850	1502	0	6.3	8.7	0	73	255	7	850	1517	0	8.1	7.9	0	70	251	6	850	1520	0	10.2	6.1	0	48	237	3
1017	* 7		13.7	4.1					1017	* 14		14.5	1.8					1014	* 31		15.8	3.2				

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
ASIA - JAPAN HACHIJUJIMA/OMURE 47678 OCT 1999 3307N 13947E OB 2									ASIA - JAPAN YONAGO 47744 OCT 1999 3526N 13321E OB 2									ASIA - JAPAN SHIONOMISAKI 47778 OCT 1999 3327N 13546E OB 2								
030	23912	2	-55.3		3	21	27	1	030	23902	4	-53.8		4	71	264	4	030	23907	0	-54.3		0	29	285	1
050	20692	1	-61.0		1	82	241	4	050	20659	2	-59.0		2	97	251	9	050	20681	0	-60.2		0	86	251	5
100	16507	0	-71.9		0	98	255	21	100	16418	0	-68.7		0	97	260	27	100	16481	0	-71.5		0	97	258	23
150	14089	0	-64.4		0	95	256	29	150	13964	0	-62.7		0	98	262	37	150	14052	0	-63.7		0	96	262	31
200	12288	0	-54.1		0	93	257	31	200	12155	0	-53.7		0	97	264	39	200	12250	0	-54.0		0	97	263	34
300	9582	0	-35.3	7.8	0	92	247	27	300	9463	0	-37.9		0	97	259	31	300	9546	0	-35.9	8.8	0	97	258	28
500	5824	0	-9.4	11.2	0	92	250	16	500	5756	0	-12.9	12.8	0	95	258	19	500	5804	0	-10.8	11.8	0	97	256	18
700	3147	0	6.0	14.1	0	87	244	8	700	3113	0	2.6	14.5	0	85	261	10	700	3139	0	4.8	15.1	0	79	259	8
850	1532	0	14.0	7.4	0	39	278	3	850	1523	0	8.9	6.3	0	53	256	4	850	1532	0	12.1	7.9	0	23	273	2
999	* 153		21.2	3.8					1017	* 8		17.2	4.2					1009	* 75		20.6	5.3				
ASIA - JAPAN FUKUOKA 47807 OCT 1999 3335N 13023E OB 2									ASIA - JAPAN KAGOSHIMA 47827 OCT 1999 3133N 13033E OB 2									ASIA - JAPAN NAZE/FUNCHATOGE 47909 OCT 1999 2823N 12933E OB 2								
030	23900	1	-54.1		1	62	257	3	030	23902	2	-54.6		2	10	207	1	030	23892	2	-54.9		2	63	96	3
050	20669	0	-60.1		0	94	254	7	050	20679	2	-61.1		2	74	252	4	050	20684	1	-62.1		1	10	112	1
100	16464	0	-70.6		0	97	264	25	100	16510	0	-72.9		0	96	264	21	100	16559	0	-76.0		0	92	268	14
150	14030	0	-63.6		1	98	267	35	150	14098	0	-64.9		0	97	269	30	150	14173	0	-66.1		0	94	276	21
200	12225	0	-53.8		0	97	267	38	200	12299	0	-54.0		0	97	271	34	200	12380	0	-53.8		0	95	279	23
300	9522	0	-36.2	7.5	0	96	267	32	300	9586	0	-34.5	10.1	0	97	270	28	300	9653	0	-32.6	7.9	0	95	269	20
500	5789	0	-11.2	13.0	0	95	265	19	500	5823	0	-9.4	10.5	0	93	260	16	500	5860	0	-7.6	8.1	0	95	264	13
700	3130	0	4.0	15.4	0	78	259	9	700	3147	0	5.7	14.4	0	84	259	9	700	3166	0	7.4	9.8	0	67	267	4
850	1529	0	10.8	11.6	0	26	248	2	850	1536	0	13.1	9.1	0	26	234	2	850	1541	0	15.0	4.3	0	23	38	1
1016	* 15		19.7	6.8					9999	* 31		22.2	6.4					983	* 295		22.0	3.0				
ASIA - JAPAN ISHIGAKIJIMA 47918 OCT 1999 2420N 12410E OB 2									ASIA - JAPAN NAHA 47936 OCT 1999 2612N 12741E OB 2									ASIA - JAPAN MINAMIDAITOJIMA 47945 OCT 1999 2550N 13114E OB 2								
030	23877	4	-55.8		4	93	92	7	030	23892	4	-55.4		4	90	97	6	030	23886	1	-55.7		1	87	93	6
050	20675	4	-63.0		4	65	81	4	050	20687	3	-62.2		4	61	90	3	050	20685	1	-63.0		1	66	90	4
100	16593	0	-79.0		0	56	291	5	100	16582	0	-77.7		0	73	273	9	100	16587	0	-77.7		0	67	268	7
150	14230	0	-67.0		0	78	282	12	150	14212	0	-66.7		0	88	284	17	150	14214	0	-66.6		0	83	287	14
200	12440	0	-53.3		0	80	283	13	200	12419	0	-53.5		0	89	283	19	200	12421	0	-53.6		0	86	293	16
300	9699	0	-31.1	8.3	0	78	267	10	300	9686	0	-31.9	9.2	0	90	272	14	300	9690	0	-31.9	9.3	0	80	275	11
500	5883	0	-6.2	6.3	0	52	243	5	500	5880	0	-6.8	8.2	0	78	262	8	500	5882	0	-6.5	8.9	0	69	268	6
700	3171	0	9.3	7.2	0	14	207	1	700	3171	0	9.0	11.5	0	28	259	2	700	3171	0	9.2	10.5	0	20	261	1
850	1537	0	16.0	2.6	0	56	80	4	850	1540	0	15.9	7.0	0	55	60	3	850	1537	1	17.0	7.1	1	57	75	3
1014	* 7		26.2	4.4					1012	* 27		25.9	5.3					1012	* 20		25.4	3.8				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
ASIA - JAPAN CHICHIJIMA 47971 OCT 1999 2705N 14211E OB 3									ASIA - THAILAND CHIANG MAI 48327 OCT 1999 1847N 09859E OB 1									ASIA - THAILAND UBON RATCHATHANI 48407 OCT 1999 1515N 10452E OB 1									
030	23892	3	-55.3		3	90	86	5	030										030	23906	6	-53.5		6	96	95	10
050	20687	2	-62.8		2	84	81	4	050										050	20678	3	-60.9		3	91	80	6
100	16582	0	-76.3		0	63	266	6	100	16570	9	-81.8							100	16572	1	-81.0		2	96	80	12
150	14201	0	-66.6		0	65	271	9	150	14238	6	-68.0		8	23	94	2	150	14236	0	-68.8		0	74	75	7	
200	12413	0	-54.4		0	52	264	9	200	12441	3	-53.1		5	26	91	2	200	12454	0	-53.5		1	60	90	5	
300	9689	0	-32.5	9.6	0	51	254	7	300	9693	1	-30.0	39.3	2	71	128	4	300	9707	0	-30.4	6.5	1	77	100	6	
500	5889	0	-6.6	8.7	0	61	224	6	500	5865	1	-5.3	10.7	2	74	112	3	500	5877	0	-5.2	3.3	0	77	95	5	
700	3181	0	9.2	10.4	0	51	210	4	700	3145	1	9.1	5.5	1	80	126	5	700	3159	0	9.4	3.4	1	66	95	4	
850	1544	0	17.3	4.8	0	42	182	3	850	1508	0	17.8	15.1	1	69	111	3	850	1518	0	18.1	2.7	1	71	85	4	
1014	* 8		25.9	2.7					976	* 314		23.0	21.3					998	* 127		23.5	3.0					
ASIA - THAILAND BANGKOK 48455 OCT 1999 1344N 10034E OB 1									ASIA - THAILAND SONGKHLA 48568 OCT 1999 0712N 10036E OB 1									ASIA - CHINA LANZHOU 52889 OCT 1999 3603N 10353E OB 3									
030									030										030	23839	4	-55.2		6	0	267	11
050	20633	11	-62.6						050										050	20636	2	-61.9		3	92	274	12
100	16542	2	-81.5		3	95	95	14	100	16517	2	-78.0		2	98	95	13	100	16440	2	-68.6		3	0	273	32	
150	14205	1	-68.8		1	85	110	9	150	14190	1	-70.0		1	93	80	16	150	13975	2	-61.2	5.9	2	98	272	43	
200									200	12416	1	-54.4		1	93	80	11	200	12155	2	-52.8	6.5	2	98	270	47	
300	9679	1	-30.9	7.9	1	83	110	6	300	9677	0	-30.6	4.7	0	86	90	6	300	9460	2	-38.8	6.1	2	97	267	32	
500	5854	1	-5.7	5.4	1	70	120	5	500	5846	0	-5.6	.0	0	70	95	4	500	5770	0	-13.6	6.4	0	91	271	10	
700	3140	0	9.0	5.3	0	64	135	4	700	3133	0	9.1	3.9	0	9	55	1	700	3134	0	1.2	5.7	0		75	0	
850	1503	0	17.7	3.9	0	60	110	4	850	1493	0	17.8	4.1	0	32	275	2	850									
1010	* 20		25.0	1.6					1008	* 5		24.9	1.6					853	*1518		7.7	5.0					
ASIA - CHINA BEIJING 54511 OCT 1999 3956N 11617E OB 3									ASIA - CHINA KUNMING 56778 OCT 1999 2501N 10241E OB 3									ASIA - CHINA SHANGHAI 58362 OCT 1999 3124N 12128E OB 3									
030	23882	4	-52.0	18.9	8	0	258	12	030	23923	4	-55.1		8	0	84	8	030	23914	3	-52.9		4	75	101	3	
050	20616	3	-58.0	18.1	6	0	263	17	050	20722	3	-63.7		7	50	97	2	050	20676	1	-60.5		1	57	266	4	
100	16303	2	-61.7	13.1	3	0	274	32	100	16661	1	-78.4		5	67	275	6	100	16511	1	-72.8		1	95	277	21	
150	13773	1	-58.3	11.0	2	98	274	42	150	14280	1	-65.2		2	79	275	11	150	14098	1	-64.9		1	94	278	33	
200	11949	1	-55.0	10.7	2	98	274	44	200	12471	0	-51.8	8.4	0	86	269	12	200	12301	0	-53.5	8.0	0	95	277	35	
300	9300	0	-43.6	11.1	0	94	276	34	300	9717	0	-30.2	9.8	0	91	253	10	300	9584	0	-34.8	8.5	0	97	273	30	
500	5677	0	-17.9	15.5	0	90	282	18	500	5881	0	-5.0	2.5	0	88	252	7	500	5823	0	-9.6	8.5	0	0	266	17	
700	3085	0	-3.0	15.1	0	91	296	10	700	3165	0	8.3	2.7	0	71	234	5	700	3149	0	4.5	9.2	0	78	265	7	
850	1523	0	5.5	13.8	0	67	299	6	815	*1892		15.3	2.6					850	1546	0	11.2	7.8	0	17	295	1	
1018	* 55		9.5	8.4														1020	* 4		19.3	3.7					

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND											
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED									
																											hPa	gpm	° C	° C	%	°	mps	hPa	gpm
AFRICA - SPAIN (CANARY ISLANDS) SANTA CRUZ DE TENE- RIFE, CM 60020 OCT 1999 2827N 01615W OB 3									AFRICA - MOROCCO CASABLANCA 60155 OCT 1999 3334N 00740W OB 1									AFRICA - NIGER NIAMEY-AERO 61052 OCT 1999 1329N 00210E OB 2																	
030	23896	2	-54.9	31.8	2	57	102	4	030	23869	20	-56.4	32.7	9	73	277	6	030																	
050	20686	2	-60.8	30.2	3	24	153	2	050	20671	9	-60.5	31.0	9	60	239	3	050	20645	9	-64.5														
100	16460	1	-69.1	26.1	2	80	271	8	100	16407	4	-65.2	28.7	5	88	255	12	100	16553	3	-77.5														
150	14019	1	-63.8	25.8	1	86	270	13	150	13938	3	-63.0	25.7	5	80	249	16	150	14193	2	-68.5														
200	12226	1	-56.1	22.4	1	82	270	15	200	12151	1	-58.2	16.9	3	78	250	20	200	12414	2	-54.6														
300	9554	1	-38.6	20.8	1	69	273	11	300	9494	0	-39.7	15.2	3	82	242	19	300	9687	2	-32.4														
500	5834	1	-10.1	25.6	1	75	270	8	500	5797	0	-12.0	18.4	4	82	241	13	500	5880	2	-6.0														
700	3157	1	6.7	23.9	2	65	263	5	700	3141	0	4.2	11.3	2	84	235	10	700	3181	2	8.7	13.0													
850	1542	1	12.4	8.9	1	55	316	4	850	1530	0	14.0	10.8	4	66	247	5	850	1534	2	22.6	18.4													
1014	* 36		23.5	6.1					1010	* 62		19.7	1.6					986	* 227		30.5	12.2													
AFRICA - MALI TOMBOUCTOU 61223 OCT 1999 1643N 00300W OB 2									AFRICA - MALI BAMAKO/SENOU 61291 OCT 1999 1232N 00757W OB 2									AFRICA - MAURITANIA NOUADHIBOU 61415 OCT 1999 2056N 01702W OB /																	
030									030									030																	
050	20629	8	-64.5						050									050	20656	7	-63.3														
100	16538	0	-76.8						100	16538	7	-77.4						100	16502	8	-73.5														
150	14177	0	-68.9						150	14185	1	-69.2						150	14124	6	-67.8														
200									200	12412	1	-54.6						200	12349	6	-55.7														
300	9686	0	-33.4	19.3					300	9686	1	-32.6	13.4					300	9645	5	-34.9	12.6													
500	5893	0	-6.7	23.7					500	5884	0	-6.2	15.6					500	5881	5	-9.0	12.0													
700	3197	0	8.9	14.4					700	3182	0	8.2	8.0					700	3193	5	8.0	11.5													
850	1547	0	23.4	22.6					850	1540	0	20.2	9.6					850	1556	5	19.7	15.8													
983	* 264		34.0	16.9					970	* 381		26.0	4.4					1016	* 3		24.2	6.7													
AFRICA - SENEGAL DAKAR/YOFF 61641 OCT 1999 1444N 01730W OB 3									AFRICA - OCEAN ISLANDS (USA) DIEGO GARCIA 61967 OCT 1999 0718S 07224E OB 3									AFRICA - OCEAN ISLANDS (FRANCE) PORT-AUX-FRANCAIS (ILES KERG) 61998 OCT 1999 4921S 07015E OB 2																	
030									030									030	23831	6	-46.4				9	96	283	25							
050									050									050	20447	4	-49.3				8	97	276	30							
100	16534	11	-76.1	18.0	9	57	230	5	100									100	15933	0	-51.7				5	99	275	36							
150	14170	1	-69.1	15.9	2	74	255	8	150									150	13311	0	-52.5				4	96	271	38							
200	12397	1	-55.3	18.0	2	76	260	8	200									200	11457	0	-53.4				4	95	271	38							
300	9679	1	-32.9	20.9	1	45	250	3	300	9660	16	-31.4	9.6					300	8840	0	-48.1				3	91	270	39							
500	5882	1	-6.7	18.3	1	76	115	5	500	5840	14	-5.9	5.6					500	5314	0	-25.7	15.1			2	90	268	28							
700	3181	1	8.5	10.7	1	87	110	9	700	3123	16	9.5	8.3					700	2803	0	-10.9	15.9			3	93	266	21							
850	1540	1	20.2	12.9	2	82	90	7	850	1486	14	16.9	2.6					850	1293	0	-4.7	6.2			2	93	268	14							
1010	* 24		28.3	6.2					1008	* 3		25.6	2.3					995	* 30		5.4	6.4													

UPPER AIR

OCTOBER 1999

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
AFRICA - EGYPT MERSA MATRUH 62306 OCT 1999 3120N 02713E OB 3									AFRICA - EGYPT HELWAN 62378 OCT 1999 2952N 03120E OB 3									AFRICA - EGYPT ASSWAN 62414 OCT 1999 2358N 03247E OB 3									
030									030									030	23932	7	-53.6			7	88	90	7
050	20709	27	-61.3	16.5	9	26	197	2	050	20720	4	-59.7	18.7	4	70	262	4	050	20702	2	-61.5			2	56	110	3
100	16465	12	-68.0	16.5	9	31	246	9	100	16513	0	-68.9	17.6	0	95	263	18	100	16491	0	-72.5			0	98	260	14
150	14031	4	-62.9	15.4	4	91	262	29	150	14075	0	-63.7	17.6	0	94	259	26	150	14088	0	-64.8			0	99	265	20
200	12233	1	-55.1	15.1	1	0	262	28	200	12257	0	-54.4	17.3	0	91	261	26	200	12286	0	-53.6	22.2		0	99	255	20
300	9550	0	-38.6	15.2	0	79	276	15	300	9562	0	-37.3	18.1	0	87	266	18	300	9577	0	-35.7	23.1		0	81	270	9
500	5834	0	-10.6	19.7	0	79	293	8	500	5828	0	-9.4	25.5	0	84	271	9	500	5834	0	-9.0	31.6		0	64	305	5
700	3159	0	6.1	18.6	0	79	319	7	700	3142	0	7.9	26.6	0	59	306	4	700	3139	0	9.4	30.5		0	84	210	3
850	1539	0	14.5	11.4	0	71	325	5	850	1521	0	15.1	11.3	0	74	5	5	850	1500	0	19.6	14.4		0	80	30	6
1014	* 29		24.1	8.6					998	* 141		24.7	11.0					987	* 194		26.2	18.0					
AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 OCT 1999 0902N 03845E OB 2									AFRICA - SEYCHELLES SEYCHELLES INT. AIRPORT 63985 OCT 1999 0440S 05532E OB 3									AFRICA - CHAD NDJAMENA 64700 OCT 1999 1208N 01502E OB /									
030									030	23779	1	-58.7	30.6	2	79	270	10	030									
050	20636	6	-71.3		9	33	60	1	050	20620	0	-65.0	29.3	1	95	270	13	050	20632								
100	16540	0	-78.7		5	73	100	4	100	16531	0	-78.7	18.1	1	4	232	0	100	16546	4	-77.7	15.4	9	49	120	4	
150	14190	0	-68.1		4	73	90	4	150	14167	0	-67.3	18.5	0	67	79	11	150	14191	4	-68.6	13.9	9	35	110	3	
200	12400	0	-54.3		5	75	110	5	200	12382	0	-54.6	15.5	0	83	73	16	200	12409	3	-54.4	14.5	9	44	160	4	
300	9680	0	-31.5		6	86	90	3	300	9659	0	-32.4	15.8	0	83	95	8	300	9679	3	-31.9	19.3	9	19	160	2	
500	5858	0	-5.5		6	80	70	2	500	5844	0	-5.5	20.4	0	38	108	2	500	5872	3	-7.0	.7	9	55	100	4	
700	3145	0	10.4	4.4	5	75	100	3	700	3135	0	9.1	14.9	0	51	251	3	700	3173	3	9.3	10.3	9	89	80	9	
772	*2354		20.8	12.0					850	1501	0	16.9	7.7	0	59	210	4	850	1524	3	22.0	15.3	9	94	50	7	
									1010	* 4		26.9	4.3					977	* 295		28.6	10.3					
AFRICA - MADAGASCAR ANTANANARIVO/IVATO 67083 OCT 1999 1848S 04729E OB 1									AFRICA - SOUTH AFRICA PIETERSBURG 68174 OCT 1999 2350S 02925E OB 2									AFRICA - SOUTH AFRICA IRENE 68263 OCT 1999 2555S 02813E OB 3									
030	23829	10	-55.9						030	23843	7	-55.5						030	23833	22	-55.9			9	97	98	9
050	20642	5	-63.1						050	20648	2	-63.2						050	20630	22	-62.7			9	60	49	2
100	16542	1	-75.8						100	16510	2	-72.4						100	16468	21	-69.7			9	97	277	20
150	14157	1	-66.8						150	14090	2	-64.8						150	14033	21	-64.1			9	97	278	30
200	12373	0	-54.3						200	12295	0	-54.6	20.1					200	12239	21	-55.5	23.1		9	98	278	36
300	9647	0	-32.8	18.7					300	9594	0	-35.9	20.9					300	9560	21	-37.9	20.4	9	95	273	25	
500	5861	0	-7.0	20.8					500	5847	0	-9.9	20.7					500	5829	21	-10.3	23.5	9	44	262	16	
700	3161	0	6.7	8.8					700	3166	0	7.7	16.5					700	3152	21	7.3	10.4	9	70	288	7	
850	1539	0	13.8	4.8					850	1543	0	13.3	5.6					850	1565	28	14.9	6.8	9	66	4	2	
878	*1276		14.8	2.7					883	*1237		13.4	4.5					850	*1523		14.1	4.5					

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
AFRICA - SOUTH AFRICA UPINGTON 68424 OCT 1999 2825S 02116E OB 3									AFRICA - SOUTH AFRICA BETHLEHEM 68461 OCT 1999 2825S 02833E OB									AFRICA - SOUTH AFRICA DE AAR 68538 OCT 1999 3065S 02400E OB 3								
030	23876	8	-55.6						030	23869	4	-55.4						030	23882	7	-55.1					
050	20666	3	-61.8						050	20659	4	-61.6						050	20669	2	-61.2					
100	16484	1	-69.4			9	0	270	100	16469	2	-69.1						100	16458	0	-67.9			9	0	330
150	14033	1	-63.0			9	92	273	150	14017	2	-62.8						150	13993	0	-62.1			9	91	265
200	12228	1	-54.9	22.0		9	92	274	200	12212	2	-54.7	25.8				200	12188	0	-55.4	18.6		9	81	257	
300	9558	0	-38.5	19.6		9	79	268	300	9537	2	-38.8	20.9				300	9523	0	-39.4	17.3		9	72	271	
500	5840	0	-11.1	25.3		6	74	281	500	5822	2	-11.3	22.7				500	5818	0	-12.1	20.2		9	62	284	
700	3171	0	6.8	17.0		4	65	310	700	3156	2	6.3	12.9				700	3161	0	5.0	10.9		7	71	300	
850	1541	0	19.5	18.5		0	54	327	835	*1687		9.9	2.9				850	1537	0	19.2	17.5		2	63	307	
921	* 839		28.2	23.1													875	*1287		23.0	19.3					
AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 OCT 1999 2997S 03095E OB 3									AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 OCT 1999 3397S 01860E OB 3									AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 OCT 1999 4021S 00953W OB 3								
030	23914	9	-54.7						030	23891	7	-55.5			9	20	49	030	23801	7	-54.6			9	97	287
050	20688	5	-61.1						050	20665	2	-59.4			6	60	300	050	20542	3	-56.7			6	95	287
100	16478	1	-68.2						100	16405	1	-65.2			5	95	276	100	16191	2	-59.6			3	97	285
150	14019	1	-62.3						150	13923	0	-61.5			3	94	271	150	13648	2	-58.2			3	96	288
200	12215	1	-55.4	18.7					200	12121	0	-56.8	16.9		3	87	275	200	11835	0	-57.5	16.9		4	95	284
300	9545	1	-39.0	17.6					300	9470	0	-40.5	16.3		2	77	273	300	9211	0	-43.9	13.8		5	90	291
500	5837	1	-11.6	20.8					500	5777	0	-12.9	25.8		2	77	280	500	5600	0	-20.0	14.7		2	96	294
700	3173	1	5.3	12.6					700	3127	0	4.1	29.1		3	68	294	700	3027	0	-4.6	15.2		3	92	294
850	1562	1	13.0	9.4					850	1524	0	12.6	20.3		2	12	261	850	1477	0	2.7	9.6		3	86	291
1020	* 14		18.4	2.8					1013	* 46		14.9	4.1					1011	* 54		9.4	2.6				
AFRICA - SOUTH AFRICA MARION ISLAND 68994 OCT 1999 4653S 03752E OB 3									N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 OCT 1999 6652N 16238W OB 3									N AMERICA - USA (ALASKA) NOME 70200 OCT 1999 6430N 16526W OB 3								
030	23783	6	-50.9			9	98	272	030	23536	2	-55.0	25.7		2	90	274	030	23579	1	-53.8	23.8		1	87	273
050	20473	2	-53.6			9	98	275	050	20259	2	-53.8	26.1		1	91	260	050	20294	0	-52.7	24.5		0	89	264
100	16041	1	-56.6			9	97	266	100	15794	1	-51.5	26.5		2	84	247	100	15807	1	-50.7	25.0		1	79	248
150	13478	0	-56.3			9	96	262	150	13153	1	-50.3	26.8		2	61	240	150	13154	0	-49.6	24.9		1	60	255
200	11650	0	-56.5	20.0		9	93	259	200	11276	1	-50.5	25.1		2	39	211	200	11270	0	-49.7	22.9		0	43	253
300	9041	0	-46.7	16.1		9	83	254	300	8663	1	-54.8	8.2		2	30	146	300	8650	0	-54.8	7.2		0	11	243
500	5476	0	-22.6	10.3		9	85	265	500	5250	1	-33.1	8.8		2	45	128	500	5238	0	-32.6	10.5		0	1	177
700	2929	0	-7.2	12.0		9	94	257	700	2803	1	-17.3	8.6		2	48	106	700	2790	0	-17.8	7.5		0	37	5
850	1398	0	-9	6.9		9	93	268	850	1329	1	-11.2	4.3		2	57	75	850	1317	0	-10.9	4.1		0	43	26
1008	* 21		5.2	4.1					1008	* 5		-4.4	4.3					1006	* 7		-4.2	4.2				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 OCT 1999 6110N 15001W OB 3									N AMERICA - USA (ALASKA) COLD BAY 70316 OCT 1999 5512N 16243W OB 3									N AMERICA - USA (ALASKA) YAKUTAT 70361 OCT 1999 5931N 13940W OB 3								
030	23619	3	-54.1	23.5	3	81	274	10	030	23680	2	-52.8	24.1	2	83	274	7	030	23626	7	-55.5	18.7	8	80	266	10
050	20347	1	-53.7	23.1	2	88	252	9	050	20403	1	-53.5	23.9	1	94	263	10	050	20388	5	-55.2	18.0	6	83	256	11
100	15871	2	-51.6	23.4	2	90	238	11	100	15935	2	-51.9	23.9	2	91	257	14	100	15936	3	-53.2	18.1	7		237	13
150	13224	1	-50.2	22.7	1	89	232	12	150	13296	2	-49.7	24.2	1	86	260	17	150	13335	2	-52.5	15.7	8		247	14
200	11346	1	-50.2	19.2	1	87	225	14	200	11411	2	-49.0	22.9	1	82	258	18	200	11471	1	-52.5	12.6	6	85	243	19
300	8718	0	-52.8	6.6	0	72	211	15	300	8760	1	-50.4	11.2	1	68	260	16	300	8849	1	-50.7	5.5	3	80	227	26
500	5278	1	-30.6	5.7	1	67	190	10	500	5297	1	-29.9	9.4	1	64	268	10	500	5367	1	-28.0	5.0	1	82	222	15
700	2801	0	-13.4	4.9	1	58	168	6	700	2820	2	-14.5	6.6	1	56	297	7	700	2867	1	-11.6	5.0	1	80	201	11
850	1298	0	-4.4	4.1	1	44	119	3	850	1322	1	-5.6	3.9	1	53	310	6	850	1353	1	-2.8	1.5	2	71	172	8
995	* 40		.7	3.0					1000	* 31		2.3	1.9					1004	* 9		4.6	1.3				
N AMERICA - USA (ALASKA) SHEMYA AFB 70414 OCT 1999 5243N 17406E OB 3									N AMERICA - USA SHREVEPORT/REG., LA. 72248 OCT 1999 3228N 09347W OB 2									N AMERICA - USA NEWPORT, NC 72305 OCT 1999 3447N 07653W OB 2								
030									030	23839	6	-56.2						030	23843	4	-55.9	24.4	4	19	328	1
050									050	20629	5	-61.6		9		245	5	050	20628	3	-60.9	22.1	3	65	277	4
100									100	16471	3	-72.4		8	93	267	13	100	16429	2	-70.9	15.1	3	91	264	16
150									150	14046	1	-64.4		7	87	264	20	150	14005	2	-64.7	15.7	4	91	262	26
200									200	12248	1	-54.3		6	81	260	19	200	12210	2	-55.2	15.7	5	89	259	28
300	9007								300	9552	1	-36.9		3	74	252	16	300	9531	1	-37.5	17.4	2	87	260	20
500	5440	5	-25.9	17.0	8	77	288	13	500	5822	1	-10.2		3	53	244	7	500	5805	1	-10.7	28.5	1	85	261	12
700	2924	5	-10.5	14.7					700	3149	1	5.6	23.5	2	29	238	3	700	3137	1	5.0	22.6	1	74	262	7
850	1410	5	-3.8	5.9					850	1539	1	13.1	16.1	3	17	243	1	850	1536	2	10.6	13.3	2	29	270	2
1010	* 31		5.6	2.9					1009	* 79		13.4	2.3					1019	* 11		13.1	1.2				
N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 OCT 1999 3615N 08634W OB 3									N AMERICA - USA STERLING, VA. 72403 OCT 1999 3859N 07728W OB 3									N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 OCT 1999 4108N 10041W OB 3								
030	23885	3	-54.4	13.2	5	73	263	5	030	23820	1	-55.7		1	90	270	7	030	23796	11	-56.8	24.3				
050	20648	2	-59.4	11.7	6	93	263	7	050	20599	1	-60.4		1	90	263	8	050	20581	9	-61.1	21.7	9	78	275	5
100	16422	1	-68.6	9.7	8	94	276	16	100	16353	1	-66.9		3	96	267	20	100	16328	5	-65.7	15.8	5	93	286	17
150	13970	1	-63.2	10.7	5	92	268	24	150	13886	1	-62.3		4	94	265	27	150	13849	2	-61.1	14.5	3	89	286	24
200	12173	1	-55.5	12.1	5	86	267	24	200	12083	1	-55.9		2	93	263	30	200	12053	1	-57.5	11.7	1	83	283	24
300	9500	1	-38.9	15.2	1	82	262	22	300	9419	1	-40.1		1	91	268	25	300	9418	1	-42.1	13.4	1	76	282	19
500	5797	1	-12.1	22.8	1	81	268	14	500	5740	1	-13.9	19.4	1	91	274	16	500	5750	1	-14.3	17.6	1	78	289	13
700	3142	1	3.7	18.8	1	61	284	7	700	3104	1	1.7	18.9	1	84	274	10	700	3112	1	2.9	16.3	1	74	298	8
850	1545	1	10.1	16.0	1	41	267	4	850	1522	1	7.0	12.2	1	64	286	6	850	1515	1	10.7	15.3	2	34	265	4
1001	* 180		9.7	2.9					1011	* 98		7.1	1.5					921	* 849		2.3	3.0				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - USA MEDFORD/MEDFORD- JACKSON COU 72597 OCT 1999 4222N 12252W OB 3									N AMERICA - USA CHANHASSEN, MN 72649 OCT 1999 4451N 09334W OB 2									N AMERICA - USA INT. FALLS/FALLS INT.MN. 72747 OCT 1999 4834N 09323W OB 3								
030	23771	3	-58.1	11.0	3	76	278	7	030	23797	2	-56.3	25.3	3	86	261	8	030	23755	3	-56.0	23.6	3	81	270	8
050	20588	3	-61.9	10.1	4	74	278	7	050	20569	2	-58.3	24.3	5	93	277	10	050	20520	3	-57.3	22.9	3	86	278	10
100	16351	2	-66.0	9.2	4	87	267	16	100	16245	2	-61.1	20.3	5	95	277	22	100	16143	2	-57.8	21.1	5	91	286	18
150	13878	2	-62.7	9.6	4	88	263	22	150	13718	2	-58.9	17.4	5	92	278	31	150	13574	1	-56.1	18.3	4	91	282	26
200	12087	2	-58.1	10.2	4	85	263	22	200	11908	2	-57.6	11.6	5	87	283	34	200	11742	1	-54.9	12.9	3	86	285	29
300	9443	2	-41.2	12.9	2	80	257	19	300	9282	2	-43.5	11.0	5	85	279	31	300	9119	1	-46.5	8.1	1	81	284	31
500	5763	2	-13.4	18.0	2	80	255	13	500	5650	2	-17.2	14.7	3	83	288	22	500	5544	1	-21.5	10.4	1	85	288	21
700	3121	2	3.1	18.9	3	70	244	8	700	3049	1	-2.1	14.2	2	83	291	13	700	2987	1	-6.7	11.8	1	80	291	12
850	1524	2	11.2	13.8	2	57	206	3	850	1485	0	4.3	13.1	1	69	294	8	850	1451	1	.3	8.3	1	64	289	7
973	* 405		7.5	3.4					984	* 287		4.6	4.3					973	* 361		1.4	2.2				
N AMERICA - USA BISMARCK/MUN.,ND. 72764 OCT 1999 4646N 10045W OB 3									N AMERICA - USA GREAT FALLS, MT 72776 OCT 1999 4728N 11123W OB 2									N AMERICA - USA SPOKANE, WA 72786 OCT 1999 4741N 11738W OB								
030	23738	1	-57.5	10.6	8	85	265	8	030	23697	2	-59.2	9.9	4	76	281	7	030	23737	4	-57.5	11.5	8	61	283	6
050	20528	1	-59.6	9.7	8	90	278	10	050	20505	1	-60.9	9.4	3	86	283	9	050	20536	4	-60.1	10.3	9	82	291	8
100	16209	1	-60.9	9.1					100	16213	1	-62.5	8.8	3	92	280	19	100	16246	4	-62.4	9.3				
150	13682	1	-59.2	8.9	9	90	282	26	150	13701	1	-60.1	8.8	3	89	284	25	150	13735	3	-60.7	9.1				
200	11872	1	-57.2	8.3	8	86	281	29	200	11901	1	-58.6	8.6	2	83	287	29	200	11937	2	-59.1	8.3				
300	9252	1	-44.5	8.5	7	81	282	29	300	9282	1	-43.9	8.9	3	87	282	29	300	9312	0	-43.4	9.3	4	75	281	27
500	5634	1	-18.6	11.2	5	84	291	20	500	5653	0	-17.6	11.9	0	86	286	20	500	5674	0	-17.1	13.0	1	80	271	20
700	3044	1	-2.8	10.1	7	79	292	11	700	3054	0	-1.9	11.6	1	91	279	13	700	3075	0	-2.3	12.5	1	83	260	10
850	1482	1	5.2	10.9	3	52	292	6	850	1482	0	7.5	12.5	3	78	251	7	850	1509	0	6.1	11.3	2	63	243	5
958	* 506		2.3	3.5					887	*1131		4.4	6.9					935	* 728		4.1	4.7				
N AMERICA - CANADA NORMAN WELLS UA, N.W.T. 71043 OCT 1999 6517N 12645W OB 3									N AMERICA - CANADA HALL BEACH UA, N.W.T. 71081 OCT 1999 6846N 08113W OB 3									N AMERICA - CANADA ALERT UA, N.W.T. 71082 OCT 1999 8230N 06220W OB 3								
030	23545	1	-58.4	27.3	8	87	286	14	030	23443	1	-59.3	29.0	7	57	289	10	030	23297	5	-63.4	26.3	9	77	227	9
050	20316	1	-56.0	28.0	8	86	273	12	050	20221	1	-56.1	29.8	7	52	297	8	050	20110	2	-59.2	28.4	9	81	211	8
100	15875	1	-52.9	28.4	7	81	258	12	100	15767	0	-51.7	29.9	6	67	285	7	100	15694	2	-52.2	30.3	7	76	209	6
150	13255	1	-52.5	24.9	7	82	261	13	150	13130	0	-50.5	28.6	7	67	289	8	150	13050	1	-49.6	30.3	7	66	214	5
200	11399	1	-53.6	15.8	7	78	255	16	200	11253	0	-50.8	21.9	6	59	296	8	200	11158	0	-48.9	26.9	8	46	210	4
300	8806	1	-52.3	7.2	7	75	255	18	300	8646	0	-54.7	6.9	7	53	310	10	300	8521	0	-53.9	8.8	9	21	276	3
500	5334	1	-28.8	8.8	7	77	256	10	500	5240	0	-34.3	8.2	7	59	314	8	500	5144	0	-37.4	7.2	7	19	284	3
700	2849	1	-13.3	6.4	6	68	254	5	700	2813	0	-20.0	8.0	8	50	326	5	700	2753	0	-24.3	7.6	6	26	283	3
850	1348	1	-7.0	5.1	6	32	180	3	850	1354	0	-13.1	6.0	7	45	328	4	850	1324	0	-19.4	4.9	7	44	293	4
1002	* 95		-6.6	1.9					1013	* 6		-9.7	2.1					1012	* 65		-18.5	3.1				

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - CANADA PORT HARDY UA, B.C. 71109 OCT 1999 5041N 12722W OB 3									N AMERICA - CANADA EDMONTON STONY PLAIN, ALTA 71119 OCT 1999 5332N 11406W OB 3									N AMERICA - CANADA SABLE ISLAND, N.S. 71600 OCT 1999 4356N 06001W OB 3								
030	23771	9	-56.1	29.3	5	74	272	7	030	23704	5	-56.5	29.9	4	79	279	8	030	23793	0	-56.6	27.7	0	90	264	7
050	20535	4	-58.5	25.8	2	84	267	10	050	20482	3	-58.0	28.0	2	86	284	10	050	20575	0	-59.2	27.2	0	90	259	10
100	16194	1	-59.5	21.8	0	89	263	20	100	16115	2	-58.0	26.8	1	87	282	19	100	16264	0	-62.9	24.1	0	93	260	24
150	13648	1	-57.6	18.2	1	90	263	27	150	13549	1	-56.2	23.8	1	89	285	25	150	13756	0	-60.4	20.4	0	93	262	37
200	11822	0	-57.4	12.6	1	85	262	32	200	11710	1	-55.2	16.7	2	87	283	31	200	11952	0	-57.2	15.8	1	90	259	43
300	9207	0	-44.5	9.6	1	83	261	31	300	9101	1	-47.4	8.3	1	84	284	31	300	9308	0	-41.9	15.2	0	86	255	36
500	5599	0	-20.1	14.7	0	80	256	19	500	5539	1	-23.0	12.9	1	88	287	18	500	5656	0	-16.2	17.2	0	90	259	27
700	3032	0	-4.7	13.2	0	67	247	9	700	2995	1	-7.3	7.8	1	91	288	12	700	3043	0	-1.5	21.0	0	85	262	17
850	1484	0	2.8	8.4	0	34	219	3	850	1453	1	3.1	10.3	1	75	289	8	850	1481	0	3.5	12.4	0	75	259	11
1016	* 17		7.2	2.1					925	* 766		2.9	5.0					1018	* 4		12.2	4.4				
N AMERICA - CANADA YARMOUTH, N.S. 71603 OCT 1999 4352N 06606W OB 3									N AMERICA - CANADA MANIWAKI, QUE. 71722 OCT 1999 4623N 07558W OB 3									N AMERICA - CANADA ST. JOHN'S UA, NFLD 71801 OCT 1999 4737N 05245W OB 3								
030	23800	12	-55.0	28.8		86	264	8	030	23776	1	-55.4	29.2	2	83	261	7	030	23840	18	-55.9	28.7		89	261	6
050	20571	11	-57.9	27.6	9	89	256	10	050	20535	1	-57.3	28.8	2	93	265	11	050	20597	18	-56.5	28.4		95	253	11
100	16248	0	-61.1	24.7	2	94	259	24	100	16163	0	-58.1	26.8	1	95	266	22	100	16204	1	-58.8	26.7	3	93	259	22
150	13727	0	-59.5	21.1	2	92	260	36	150	13603	0	-56.2	25.3	1	95	268	32	150	13654	1	-56.7	23.4	2	92	261	33
200	11918	0	-55.9	17.4	1	91	259	43	200	11762	0	-53.7	19.7	2	92	266	37	200	11825	1	-54.8	18.6	3	88	264	40
300	9273	0	-42.5	13.6	1	89	259	37	300	9125	0	-44.9	12.6	2	87	269	37	300	9175	1	-43.3	13.7	2	84	262	38
500	5621	0	-16.2	16.6	1	89	263	26	500	5532	0	-21.5	13.0	2	87	273	24	500	5556	1	-19.5	17.2	2	87	264	27
700	3016	0	-2.0	19.1	0	85	263	16	700	2979	0	-7.6	15.1	2	85	275	15	700	2981	1	-5.5	14.8	2	82	264	16
850	1459	0	2.8	13.6	0	64	269	9	850	1450	0	-1.3	7.4	2	68	273	8	850	1440	1	.3	10.9	2	73	265	10
1013	* 9		8.7	2.9					997	* 173		3.0	2.7					998	* 140		6.2	2.8				
N AMERICA - CANADA SEPT-ILES UA, QUE. 71811 OCT 1999 5013N 06615W OB 3									N AMERICA - CANADA STEPHENVILLE UA, NFLD 71815 OCT 1999 4834N 05834W OB 3									N AMERICA - CANADA GOOSE UA, NFLD. 71816 OCT 1999 5318N 06022W OB 3								
030	23774	0	-55.4	28.5	1	91	262	9	030	23801	7	-55.3	22.4	8	88	262	7	030	23749	0	-55.3	24.1	1	94	262	9
050	20521	0	-55.2	28.9	1	94	257	11	050	20559	7	-56.6	22.2	8	90	255	9	050	20486	0	-54.7	24.6	0	93	256	11
100	16097	0	-54.2	29.0	1	92	260	20	100	16162	0	-56.8	21.8	1	93	258	22	100	16034	0	-52.6	25.8	1	92	259	17
150	13487	0	-52.8	27.0	2	91	261	28	150	13587	0	-55.0	19.7	2	93	260	32	150	13405	0	-51.2	25.0	1	91	259	23
200	11622	0	-51.6	21.8	2	88	262	31	200	11743	0	-53.9	16.0	2	90	259	41	200	11528	0	-49.9	22.6	1	88	260	27
300	8977	0	-46.4	13.5	1	84	264	33	300	9094	0	-44.5	11.9	2	86	257	39	300	8877	0	-47.8	12.2	1	81	260	27
500	5435	0	-25.0	12.0	1	81	264	20	500	5499	0	-21.1	14.5	1	87	261	26	500	5365	0	-27.2	10.0	1	74	265	15
700	2919	0	-11.1	12.5	1	74	266	11	700	2946	0	-8.0	9.9	1	84	263	16	700	2869	0	-13.3	9.8	0	62	280	8
850	1407	0	-4.8	5.4	1	45	282	6	850	1420	0	-2.5	4.0	1	64	260	9	850	1371	0	-7.0	3.6	0	51	283	6
1007	* 53		2.0	3.8					1011	* 60		6.5	3.4					1005	* 36		.2	3.3				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - CANADA LA GRANDE IV, QUE. 71823 OCT 1999 5345N 07340W OB 3									N AMERICA - CANADA MOOSONEE, ONT. 71836 OCT 1999 5116N 08039W OB 3									N AMERICA - CANADA PICKLE LAKE, ONT. 71845 OCT 1999 5127N 09012W OB 2								
030	23711	0	-54.8	27.1	1	87	266	10	030	23734	4	-55.3	27.5	3	89	273	10	030	23726	3	-56.5	29.2	3	82	268	9
050	20446	0	-54.9	26.8	0	89	262	11	050	20482	3	-55.3	27.3	2	92	271	11	050	20485	3	-56.5	29.3	3	91	283	11
100	15992	0	-52.1	26.5	0	92	267	16	100	16049	2	-53.8	27.7	1	94	278	19	100	16073	2	-55.1	28.1	2	92	289	19
150	13358	0	-50.7	26.0	0	91	269	20	150	13435	1	-52.0	26.2	1	93	276	24	150	13478	2	-54.1	24.8	2	90	288	24
200	11479	0	-49.8	22.5	0	87	268	22	200	11568	1	-51.0	21.1	0	90	276	28	200	11626	2	-52.9	19.2	2	89	289	29
300	8839	0	-50.8	9.8	1	81	266	22	300	8926	1	-48.7	10.8	0	82	278	28	300	8999	2	-48.0	10.5	2	82	289	29
500	5361	0	-28.5	10.1	0	76	274	12	500	5415	1	-26.7	11.7	0	81	283	17	500	5465	2	-24.6	12.7	2	83	294	18
700	2878	0	-14.2	7.9	0	68	275	8	700	2911	1	-11.7	10.7	0	73	287	9	700	2942	2	-10.1	10.4	2	73	295	10
850	1385	0	-7.5	2.6	0	54	276	6	850	1403	1	-5.3	5.3	0	55	290	6	850	1424	2	-3.1	7.0	2	52	295	6
975	* 307		-1.2	1.3					1013	* 10		.7	1.3					969	* 389		-.2	1.7				
N AMERICA - CANADA THE PASS UA, MAN 71867 OCT 1999 5358N 10106W OB 3									N AMERICA - CANADA KUUJUAQ, UA, QUE. 71906 OCT 1999 5807N 06825W OB 3									N AMERICA - CANADA INUKJUAQ, QUE 71907 OCT 1999 5827N 07807W OB 3								
030	23702	2	-56.1	21.2	2	86	282	9	030	23677	1	-55.0	29.6	3	90	256	12	030	23628	0	-56.0	29.6	0	86	267	11
050	20459	2	-56.3	20.4	2	93	287	11	050	20407	1	-53.8	29.7	2	87	255	10	050	20370	0	-54.5	29.5	0	86	267	10
100	16052	2	-55.7	18.9	1	92	292	18	100	15922	1	-50.6	30.4	3	89	261	12	100	15897	0	-51.1	30.5	0	85	279	11
150	13462	2	-54.4	16.9	3	92	291	23	150	13270	1	-49.3	30.4	2	87	262	14	150	13253	0	-50.0	29.0	1	84	278	13
200	11609	2	-53.1	14.3	2	89	294	28	200	11385	1	-49.2	25.0	1	81	258	14	200	11371	0	-49.9	23.0	0	80	278	13
300	8997	1	-48.8	8.7	2	84	297	28	300	8752	1	-52.5	9.5	2	58	262	12	300	8749	0	-52.7	8.1	0	62	280	11
500	5463	1	-25.4	10.5	1	89	299	18	500	5303	1	-31.3	7.9	1	50	271	6	500	5302	0	-31.0	10.5	1	54	288	7
700	2944	1	-10.3	10.4	1	83	299	11	700	2844	1	-16.4	10.2	1	36	279	4	700	2845	0	-16.9	7.9	0	45	311	4
850	1426	1	-2.6	5.3	1	71	295	7	850	1363	1	-9.7	3.8	1	27	277	3	850	1365	0	-9.4	3.5	0	39	335	4
982	* 274		.9	1.6					1006	* 60		-1.6	2.9					1008	* 6		-1.4	1.5				
N AMERICA - CANADA IQALUIT, N.W.T. 71909 OCT 1999 6345N 06833W OB 3									N AMERICA - CANADA CHURCHILL UA, MAN. 71913 OCT 1999 5844N 09405W OB 3									N AMERICA - CANADA CORAL HARBOUR UA, N.W.T. 71915 OCT 1999 6412N 08322W OB 3								
030	23563	0	-57.4	26.8		72	266	11	030	23622	4	-56.6	20.7	4	84	284	11	030	23523	0	-57.9	30.3	3	78	272	12
050	20319	0	-55.0	27.7		76	256	10	050	20373	2	-55.5	21.3	3	90	292	11	050	20283	0	-55.4	31.1	3	75	281	10
100	15841	0	-50.8	27.9		56	251	6	100	15922	2	-52.3	22.2	3	92	298	13	100	15821	0	-51.2	32.3	2	69	291	9
150	13188	0	-50.1	25.9		59	245	7	150	13295	2	-51.6	20.5	3	90	298	15	150	13182	0	-50.8	30.9	2	67	292	9
200	11316	0	-50.3	19.1		64	245	8	200	11426	2	-51.7	16.9	3	88	300	17	200	11308	0	-51.1	23.9	2	63	303	9
300	8704	0	-54.2	6.8		50	243	9	300	8813	2	-52.0	8.0	3	82	303	15	300	8700	0	-54.0	7.8	4	45	286	8
500	5275	1	-32.7	8.2		28	263	3	500	5347	2	-30.1	6.7	3	79	295	10	500	5279	0	-33.3	8.5	4	52	292	6
700	2834	0	-18.3	11.1		1	0	0	700	2875	2	-15.2	7.2	4	73	294	7	700	2841	0	-18.7	10.3	4	53	293	5
850	1363	0	-11.3	6.3		29	72	3	850	1389	2	-8.9	4.3	6	42	291	4	850	1377	0	-12.5	6.8	9	35	325	3
1008	* 34		-5.1	3.0					1012	* 29		-3.0	3.9					1007	* 57		-9.4	2.2				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - CANADA EUREKA UA, N.W.T. 71917 OCT 1999 7959N 08556W OB 3									N AMERICA - CANADA RESOLUTE UA, N.W.T. 71924 OCT 1999 7442N 09458W OB 3									N AMERICA - CANADA CAMBRIDGE BAY UA, N.W.T. 71925 OCT 1999 6908N 10504W OB 3								
030	23274	0	-63.2	29.7	5	60	249	8	030	23317	4	-62.0	27.7	9	73	260	8	030	23438	1	-60.2	27.5	3	89	286	14
050	20105	0	-59.1	30.5	5	54	244	5	050	20127	3	-58.2	29.5	7	62	265	6	050	20232	0	-56.9	28.2	2	92	286	12
100	15691	0	-52.6	32.1	5	43	244	4	100	15705	2	-52.9	30.7	7	64	280	5	100	15798	0	-52.6	27.9	2	86	288	11
150	13057	0	-50.3	31.8	6	56	282	5	150	13079	2	-51.3	30.0	7	67	284	5	150	13171	0	-51.5	25.6	3	93	291	12
200	11181	1	-49.8	26.7	6	46	287	4	200	11208	2	-51.3	23.7	6	67	292	6	200	11307	0	-52.4	18.2	2	86	291	12
300	8556	0	-55.2	7.1	6	50	310	7	300	8604	2	-55.1	7.5	7	61	283	9	300	8710	0	-54.5	6.2	2	67	287	12
500	5176	0	-36.5	7.3	5	43	313	6	500	5207	1	-35.2	9.6	4	52	302	6	500	5281	0	-32.2	10.6	3	55	293	6
700	2778	0	-23.8	5.6	5	39	311	4	700	2792	1	-22.1	8.0	2	45	309	3	700	2833	0	-18.1	10.0	3	38	315	3
850	1345	0	-19.1	3.7	5	43	311	4	850	1347	1	-16.9	5.8	3	50	328	3	850	1366	0	-13.2	5.3	2	10	360	1
1017	* 10		-21.6	4.5					1009	* 40		-14.8	2.3					1013	* 26		-10.4	2.2				
N AMERICA - CANADA BAKER LAKE UA, N.W.T. 71926 OCT 1999 6419N 09600W OB 3									N AMERICA - CANADA FORT SMITH UA, N.W.T. 71934 OCT 1999 6002N 11156W OB 3									N AMERICA - CANADA FORT NELSON UA, B.C. 71945 OCT 1999 5850N 12236W OB 3								
030	23523	1	-58.4	27.5	3	83	290	14	030	23627	7	-57.8	27.9	7	88	290	13	030	23676	1	-56.3	31.4	0	85	279	11
050	20294	1	-56.0	28.0	4	88	290	12	050	20397	5	-56.0	28.8	5	87	283	12	050	20439	0	-56.0	30.9	0	85	275	12
100	15849	2	-52.2	28.4	4	88	299	11	100	15975	4	-53.9	27.4	3	89	287	15	100	16022	0	-54.2	28.5	2	85	273	16
150	13220	2	-51.6	24.8	4	90	301	13	150	13359	4	-53.4	23.6	2	87	288	19	150	13421	0	-54.2	23.5	0	85	275	21
200	11352	2	-51.8	17.0	5	85	300	13	200	11507	4	-53.6	17.4	2	87	292	21	200	11578	0	-54.8	16.4	0	83	274	24
300	8754	2	-53.5	7.7	6	74	304	12	300	8900	4	-50.3	9.5	4	77	300	20	300	8970	0	-49.6	8.5	0	78	277	23
500	5305	2	-31.2	9.9	6	69	306	7	500	5402	4	-27.2	9.4	3	83	292	14	500	5454	0	-25.6	9.8	0	79	275	15
700	2850	2	-17.8	7.3	8	44	303	4	700	2897	4	-11.9	6.3	4	76	284	9	700	2933	0	-9.4	7.5	0	81	278	10
850	1381	2	-12.1	3.9	9	14	255	1	850	1388	4	-4.1	4.8	3	52	269	5	850	1403	0	1.1	8.5	0	64	280	6
1014	* 50		-7.2	1.8					986	* 203		-.5	1.8					964	* 378		-1.0	2.3				
N AMERICA - CANADA INUVIK UA, N.W.T. 71957 OCT 1999 6819N 13332W OB 3									N AMERICA - CANADA WHITEHORSE, UA, Y.T. 71964 OCT 1999 6042N 13504W OB 3									N AMERICA - COSTA RICA JUAN SANTAMARIA 78762 OCT 1999 1000N 08413W OB 2								
030	23507	1	-58.5	28.4	5	86	281	15	030	23619	3	-55.8	25.9	9	79	295	15	030	23811	17	-58.6		9	83	100	7
050	20276	1	-55.9	28.9	5	83	270	12	050	20364	3	-55.5	25.3	9	73	278	14	050	20658	20	-64.5		9	42	319	3
100	15829	2	-52.4	28.6	5	83	258	12	100	15916	2	-52.8	25.2	8	73	273	16	100	16561	6	-78.8		7	6	94	3
150	13201	2	-51.5	25.0	5	79	257	12	150	13298	2	-52.8	21.3	8	78	255	18	150	14212	6	-68.8		8	82	89	11
200	11336	2	-52.1	16.9	6	77	256	14	200	11450	1	-54.2	14.6	9	75	249	19	200	12435	6	-54.9		8	91	80	13
300	8736	2	-54.1	7.0	8	68	252	14	300	8851	0	-51.4	7.1	7	74	244	21	300	9708	6	-31.7	11.5	7	78	87	6
500	5299	2	-31.0	9.3	7	63	252	8	500	5368	0	-27.7	5.3	9	70	239	14	500	5892	5	-6.1	5.1	9	30	132	2
700	2835	1	-16.4	9.8	6	39	237	3	700	2867	0	-11.8	4.2	9	75	239	13	700	3179	4	9.4	4.4	9	12	188	1
850	1356	1	-11.4	5.3	6	15	121	1	850	1353	0	-2.4	4.9	6	60	216	9	850	1543	4	16.8	3.7	9	30	163	1
1005	* 103		-10.5	2.5					922	* 704		.8	5.3					913	* 939		18.7	1.0				

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - ST. MAARTEN, ST. EUST., SABA JULIANA AIRPORT, ST. MAARTEN 78866 OCT 1999 1803N 06307W OB 2									N AMERICA - ST. MARTIN, ST. BARTH., GUAD. LE RAIZET, GUADELOUPE 78897 OCT 1999 1616N 06131W OB 3									N AMERICA - TRINIDAD AND TOBAGO Piarco Int. Airport, TRINIDAD 78970 OCT 1999 1037N 06121W OB 2								
030	23275	2	-54.6		8	98	82	12	030									030	23829	4	-57.5		4	91	100	7
050	20673	8	-63.0		2	73	71	3	050	20647	10	-63.8						050	20653	4	-64.5		4	41	100	2
100	16562	6	-76.6		6	20	18	1	100	16542	3	-76.9		3	45	79	3	100	16544	3	-77.2		3	8	40	1
150	14189	5	-67.4		5	36	322	4	150	14176	0	-68.0		2	40	319	4	150	14181	2	-68.3		2	39	290	4
200									200	12398	0	-54.7		0	38	309	5	200	12403	2	-54.8		2	21	330	2
300	9688	3	-32.7	13.8	4	52	303	4	300	9675	0	-32.6	12.1	2	40	315	3	300	9679	2	-32.1	14.1	2	45	80	3
500	5887	3	-6.7	9.3	3	29	16	2	500	5870	0	-6.2	12.7	2	40	71	2	500	5872	2	-6.4	10.3	2	81	85	5
700	3179	3	9.4	3.4	3	78	67	5	700	3158	0	9.5	11.8	3	46	91	3	700	3164	1	8.8	5.0	1	84	95	5
850	1541	3	17.3	2.9	3	80	87	7	850	1523	0	17.2	4.4	3	69	105	5	850	1527	0	17.8	3.6	0	59	100	4
1014	* 9		28.1	4.3					1012	* 11		26.7	4.5					1011	* 15		25.8	1.7				
N AMERICA - COLOMBIA SAN ANDRES (ISLA)/SESQUICENT 80001 OCT 1999 1235N 08143W OB 2									S AMERICA - COLOMBIA RIOHACHA/ALMIRANTE PADILLA 80035 OCT 1999 1132N 07256W OB 2									S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 OCT 1999 0442N 07408W OB 3								
030	23580	26	-51.9		9	96	103	9	030	2381	15	-58.8		9	94	97	11	030	23800	23	-58.9		9	53	215	5
050	20662	27	-63.1		9	50	163	2	050	20619	19	-64.0		9	32	164	2	050	20638	28	-64.5		9	89	282	10
100	16545	28	-77.8		9	50	164	3	100	16526	22	-78.2		9	49	113	3	100	16534	29	-78.7		9	14	179	1
150	14192	29	-68.8		9	71	130	10	150	14173	22	-69.0		9	39	125	4	150	14181	29	-68.7		9	20	158	2
200	12413	29	-54.3		9	63	128	9	200	12396	22	-54.7		9	23	154	2	200	12399	29	-54.4		9	60	106	7
300	9679	29	-30.9	13.0	9	62	142	6	300	9665	22	-31.9	10.9	9	58	125	3	300	9678	30	-31.7		9	74	116	5
500	5861	29	-5.9	5.0	9	56	159	4	500	5855	22	-6.4	7.9	9	79	199	5	500	5991	31	-6.6	6.0	9	71	129	4
700	3147	29	8.9	3.0	9	51	155	3	700	3143	22	9.3	5.8	9	80	123	4	700	3153	31	8.0	3.7	9	50	159	1
850	1510	29	17.3	2.3	9	26	153	2	850	1503	22	18.0	4.4	9	74	114	4	752	*2546		10.1	.9				
1011	* 6		26.0	2.1					1010	* 4		24.7	1.1													
S AMERICA - COLOMBIA LAS GAVIOTAS 80241 OCT 1999 0433N 07055W OB 2									S AMERICA - COLOMBIA LETICIA/VASQUEZ COBO 80398 OCT 1999 0433S 06932W OB 2									S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 OCT 1999 0309S 05959W OB 2								
030									030									030								
050	20633	12	-65.4		6	87	287	8	050	20623	14	-65.9		9	71	227	7	050								
100	16524	18	-78.5		9	36	210	3	100	16517	15	-79.6		9	47	153	4	100	16603	15	-79.5	10.4				
150	14169	18	-68.2		9	56	126	4	150	14172	15	-68.7		9	47	215	5	150	14187	13	-66.8	12.6				
200	12386	18	-54.3		9	80	64	7	200	12393	15	-54.5		9	45	185	5	200	12377	13	-52.5	15.0	9	43	61	3
300	9658	18	-31.9	12.1	9	9	72	7	300	9663	15	-31.9	11.9	9	18	133	2	300	9667	14	-30.8	16.2	9	79	69	6
500	5845	18	-6.7	6.5	9	88	97	6	500	5859	15	-6.9	8.8	9	38	173	2	500	5871	13	-6.3	13.8	9	85	84	6
700	3139	18	8.2	5.7	9	68	139	4	700	3151	15	8.1	5.8	9	51	173	3	700	3161	13	8.1	6.3	9	99	98	6
850	1504	18	17.5	4.8	9	54	147	3	850	1515	15	17.8	3.8	9	69	70	4	850	1523	13	18.2	2.9	9	93	86	7
992	* 167		23.4	.9					1002	* 84		23.1	.6					1002	* 84		26.8	3.1				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
S AMERICA - BRAZIL NATAL (AEROPORTO) 82599 OCT 1999 0555S 03515W OB 2								S AMERICA - BRAZIL ALTA FLORESTA (AEROPORTO) 82965 OCT 1999 0952S 05606E OB /								S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 OCT 1999 1539S 05606W OB											
030								030										030	23804	16	-56.5						
050	20724	15	-63.9	22.1				050	20624	14	-65.5			9	68	273	7	050	20633	13	-65.4						
100	16583	16	-76.8	13.1				100	16532	13	-79.0			9	67	129	5	100	16553	11	-77.3						
150	14197	16	-67.3	14.3				150	14183	13	-68.6			9	58	262	6	150	14187	11	-68.0						
200	12385	16	-53.1	16.4				200	12402	13	-54.5			9	44	248	4	200	12409	11	-55.1						
300	9647	16	-31.1	23.3				300	9677	13	-32.3	14.8		9	31	157	3	300	9688	11	-32.8	13.5					
500	5861	16	-5.4	30.6				500	5870	13	-6.4	17.4		9	36	115	3	500	5887	10	-6.2	15.6					
700	3152	16	9.3	20.9				700	3168	13	8.2	6.4		9	69	82	6	700	3180	10	8.9	5.0					
850	1521	16	15.5	4.2				850	1529	13	19.3	7.2		9	67	20	3	850	1537	10	20.2	8.0					
1009	* 52		28.9	5.7				980	* 288		23.0	1.7						992	*		28.5	3.8					
S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 OCT 1999 1552S 04756W OB 3								S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 OCT 1999 2028S 05440W OB 2								S AMERICA - BRAZIL GALEAO 83746 OCT 1999 2249S 04315W OB 2											
030								030										030									
050	20635	12	-65.5					050										050	20757	12	-60.2	22.9	9	25	107	1	
100	16545	9	-76.2		9	71	224	6	100	16591	11	-75.2		9	83	250	13	100	16556	11	-71.5	17.0	9	91	253	16	
150	14174	9	-68.4						150	14173	11	-64.9		9	94	265	23	150	14112	9	-64.6	17.2	9	95	260	30	
200	12398	9	-55.3		9	76	263	13	200	12368	11	-53.0		9	92	267	24	200	12297	8	-53.8	17.8	9	94	261	32	
300	9679	9	-33.0	16.0					300	9642	10	-33.5	15.3	9	85	267	14	300	9600	8	-34.8	21.5	9	94	256	24	
500	5879	9	-6.7	17.8					500	5853	10	-7.5	19.6	9	74	253	7	500	5842	8	-8.6	20.1	8	90	252	14	
700	3176	9	8.7	9.6					700	3159	10	8.0	6.7	9	73	297	6	700	3157	8	6.2	10.9	8	78	275	7	
850	1536	9	18.5	7.0					850	1526	10	19.6	11.0	9	36	21	3	850	1542	8	12.2	2.9	8	11	20	1	
898	*1061		20.2	4.6					951	* 567		23.6	10.6					1018	*	6	20.5	1.7					
S AMERICA - BRAZIL SAO PAULO (AEROPOR- TO) 83780 OCT 1999 2337S 04639W OB 2								S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 OCT 1999 2531S 04910W OB 2								S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 OCT 1999 3000S 05111W OB 2											
030	23927	16	-53.9	27.7	9	20	127	1	030									030	23927	16	-53.9	27.7	9	20	127	1	
050	20693	15	-58.6	24.6	9	33	330	2	050	20728	12	-60.2	21.5	9	25	119	1	050	20693	15	-58.6	24.6	9	33	330	2	
100	16478	11	-72.5						100	16522	9	-69.6	15.6	9	94	247	16	100	16449	12	-67.0	20.7	9	95	246	19	
150	14068	10	-66.0						150	14071	8	-63.6	15.0	9	97	257	32	150	13962	12	-60.8	20.5	9	95	256	28	
200	12276	10	-54.8						200	12263	8	-53.8	16.0	9	96	256	36	200	12157	11	-54.9	19.7	9	90	254	33	
300	9581	10	-35.8	20.4					300	9560	8	-36.3	17.5	9	95	256	28	300	9475	10	-38.8	17.0	9	85	255	26	
500	5836	10	-9.7	24.1					500	5821	8	-9.8	20.6	9	87	254	13	500	5780	10	-11.8	17.8	9	79	259	12	
700	3155	10	6.5	13.7					700	3147	8	5.7	14.2	9	79	267	6	700	3126	10	3.3	16.7	9	46	276	3	
850	1539	10	12.5	5.3					850	1542	8	10.4	2.1	9	60	73	5	850	1530	10	10.9	6.9	9	40	7	3	
928	* 803		17.3	4.2					917	* 908		14.6	1.3					1018	*	3	18.6	4.8					

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
S AMERICA - ARGENTINA RESISTENCIA AERO 87155 OCT 1999 2727S 05903W OB 2									S AMERICA - ARGENTINA CORDOBA AERO 87344 OCT 1999 3119S 06413W OB /									S AMERICA - ARGENTINA EZEIZA AERO 87576 OCT 1999 3449S 05832W OB 3								
030	23834	2	-56.0		3	38	90	3	030	23820	8	-56.0	31.3	8	11	180	1	030	23820	4	-55.5		5	42	260	3
050	20628	0	-62.0		1	43	54	3	050	20608	2	-61.3	29.8	5	16	220	1	050	20611	0	-60.1		0	53	265	5
100	16486	0	-71.8		1	89	266	15	100	16403	1	-67.9	25.1	2	10	270	3	100	16361	0	-65.1		0	93	265	21
150	14059	0	-64.2		1	97	271	31	150	13936	1	-62.0	25.1	2	95	280	35	150	13864	0	-58.9		0	95	270	30
200	12262	0	-54.5		1	95	270	34	200	12131	1	-55.8	20.5	2	93	280	39	200	12047	0	-56.0		0	93	270	37
300	9570	0	-36.8	10.5	1	90	269	26	300	9464	1	-39.5	16.3	3	85	280	29	300	9403	0	-41.9	15.5	0	86	270	25
500	5828	0	-9.5	16.9	1	77	273	12	500	5773	1	-12.7	19.0	2	86	280	15	500	5738	0	-14.6	23.3	1	74	260	12
700	3147	0	5.9	12.7	3	52	284	5	700	3121	1	3.2	10.5	2	37	315	3	700	3111	0	1.1	18.7	2	37	255	3
850	1529	0	15.2	13.5	2	2	143	0	850	1526	1	10.2	7.7	2	39	25	3	850	1527	0	8.3	13.0	1	25	125	2
1010	* 52		19.7	4.7					9999	* 474		14.3	4.0					1018	* 20		15.5	3.7				
S AMERICA - UK FALKLAND ISLANDS MOUNT PLEASANT AIRPORT 88889 OCT 1999 5149S 05827W OB									ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 OCT 1999 7530S 02639W OB 2									ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 OCT 1999 6633S 09301E OB 1								
030	23386	1	-58.9		3	96	263	45	030									030	22665	2	-43.4	10.5	2	96	287	65
050	20154	0	-60.7		3	96	260	42	050	18691	7	-79.6	15.1	9	86	248	14	050	19280	2	-53.9	6.9	2	95	284	52
100	15844	0	-60.7		0	91	263	34	100	14783	0	-79.0		0	68	235	10	100	14971	2	-65.1	4.7	2	94	282	30
150	13316	0	-59.4		1	89	260	30	150	12458	0	-75.3	14.8	1	56	233	8	150	12508	2	-65.5	4.3	2	90	282	21
200	11517	0	-60.1		1	85	255	28	200	10777	0	-71.5	13.8	1	48	222	7	200	10751	2	-64.3	4.1	2	87	282	17
300	8948	0	-50.1		0	78	254	25	300	8322	0	-59.0	11.7	0	22	226	4	300	8246	1	-58.8	3.8	1	70	285	12
500	5431	0	-25.5	10.7	0	80	254	20	500	4939	0	-33.6	9.8	0	7	277	1	500	4892	1	-37.9	4.4	1	55	298	6
700	2910	0	-9.2	13.9	0	80	253	16	700	2505	0	-18.8	8.0	0	32	45	4	700	2497	1	-22.5	4.0	1	29	6	2
850	1383	0	-5	9.5	0	79	251	13	850	1043	0	-13.6	7.9	3	68	58	8	850	1042	1	-16.1	4.1	1	76	82	8
999	* 73		6.1	4.4					972	* 30		-17.5	2.1					970	* 30		-12.7	3.0				
ANTARCTICA - GERMANY (ANTARCTIC) NEUMAYER 89002 OCT 1999 7040S 00815W OB 2									ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 OCT 1999 6900S 03935E OB 1									ANTARCTICA - AUSTRALIA (ANTARCTIC) MAWSON 89564 OCT 1999 6736S 06252E OB 3								
030	21669	4	-70.1	25.8	5	92	269	26	030	21827	2	-61.5		3	96	277	40	030	22139	8	-51.9		8	95	280	56
050	18709	4	-78.0	22.0	5	91	264	21	050	18751	1	-71.9		2	96	272	31	050	18928	8	-64.0		8	95	278	43
100	14766	3	-78.3	19.8	4	81	255	16	100	14717	0	-75.1		0	92	264	19	100	14767	5	-71.1		5	92	273	24
150	12429	3	-74.3	17.4	3	68	239	15	150	12352	0	-72.4		0	87	259	14	150	12359	5	-69.3		5	88	271	18
200	10741	3	-71.2	15.5	3	47	224	15	200	10653	0	-70.1		0	82	253	12	200	10631	5	-66.8		5	81	269	13
300	8293	2	-60.2	13.2	5	25	228	17	300	8195	0	-60.2		0	62	252	9	300	8152	4	-60.5		4	57	272	8
500	4923	2	-35.1	15.8	6	29	200	13	500	4849	0	-38.0		0	34	235	3	500	4823	3	-39.1	12.1	4	42	245	4
700	2503	2	-21.1	11.7	5	14	172	9	700	2463	0	-24.9	10.9	0	32	95	2	700	2446	3	-25.3	11.0	4	35	126	3
850	1054	2	-16.5	7.9	5	27	74	10	850	1034	0	-19.1	4.9	0	76	46	7	850	1022	3	-19.3	9.3	4	86	96	8
972	* 50		-20.8	4.0					973	* 21		-16.0	5.2					972	* 16		-15.4	7.1				

UPPER AIR

OCTOBER 1999

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	%
ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 OCT 1999 6835N 07758W OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 OCT 1999 6617S 11031E OB 3									ANTARCTICA - FRANCE (ANTARCTIC) DUMONT D'URVILLE 89642 OCT 1999 6640S 14001E OB 1													
030	22166	10	-50.8						030	22774	2	-44.2			8	96	282	70	030	22972	3	-44.0									
050	18930	7	-63.7			9	94	286	37	050	19402	2	-51.5			7	96	283	57	050	19610	1	-49.7			8	98	279	61		
100	14761	5	-71.3			8	93	280	20	100	15029	2	-62.8			7	93	283	34	100	15179	0	-60.2			3	98	282	41		
150	12357	5	-69.8			8	93	282	14	150	12542	2	-64.0			6	88	283	25	150	12669	0	-62.2			3	95	279	31		
200	10635	5	-67.9			8	87	285	12	200	10779	2	-63.3			5	83	285	19	200	10892	0	-62.0			4	91	280	25		
300	8167	5	-60.4			8	73	290	10	300	8264	2	-57.5			5	67	276	13	300	8361	0	-55.3			1	83	280	20		
500	4830	5	-39.0	7.0		8	47	337	4	500	4894	2	-36.8	11.7		5	47	272	7	500	4951	0	-34.1	13.3		3	81	280	13		
700	2450	5	-24.3	5.4		8	60	57	5	700	2487	1	-21.4	10.2		8	38	224	3	700	2684	0	-20.0	9.6		2	57	277	6		
850	1015	5	-17.3	2.9		9	88	44	9	850	1033	1	-14.0	7.6		8	5	248	1	850	1392	0	-16.2	9.1		2	50	113	4		
969	* 13		-11.4	5.3						968	* 42		-12.4	3.3						974	* 43		-12.9	6.7							
SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 OCT 1999 0518N 10016E OB 3									SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 OCT 1999 0610N 10217E OB 3									SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) Kuantan 48657 OCT 1999 0337N 10313E OB 3													
030	23801	26	-58.4	31.3		9	56	278	4	030	23810	0	-58.3	30.9		2	24	289	2	030	23800	8	-58.7	29.6		9	61	318	7		
050	20635	15	-65.2	26.7		9	68	272	5	050	20642	0	-64.7	27.0		2	64	259	4	050	20640	3	-65.1	25.2		9	81	268	7		
100	16551	2	-79.1	11.2		3	91	95	13	100	16558		-79.3	11.7		2	91	91	14	100	16564	1	-78.4	10.8		8	91	90	12		
150	14220	2	-69.0	10.0		3	96	81	20	150	14227	0	-68.8	10.7		2	95	83	19	150	14224	0	-68.1	9.9		6	89	82	16		
200	12437	2	-51.7	8.6		3	94	83	14	200	12443	0	-53.5	9.5		2	94	87	13	200	12437	0	-53.2	8.1		6	63	89	9		
300	9690	2	-30.1	7.0		3	91	87	8	300	9696	0	-30.2	9.0		3	89	87	7	300	9698	0	-30.2	7.4		6	89	84	7		
500	5858	2	-5.3	3.3		3	56	97	3	500	5863	0	-5.2	4.6		3	64	98	4	500	5869	0	-5.5	3.2		6	70	92	4		
700	3141	2	9.2	3.5		3	10	352	1	700	3145	0	9.2	4.1		3	27	38	2	700	3157	0	9.0	3.1		6	21	191	2		
850	1502	2	17.8	3.4		3	55	310	3	850	1505	0	18.2	4.3		3	52	296	3	850	1522	0	18.0	3.5		6	24	277	1		
1009	* 4		25.7	2.2						1009	* 5		26.0	2.0						1008	* 16		25.2	1.2							
SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 OCT 1999 0122N 10359E OB 3									SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 91285 OCT 1999 1943N 15504W OB 2									SW PACIFIC - NEW CALEDONIA NOUMEA (NILE-CALEDONIE) 91592 OCT 1999 2216S 16627E OB /													
030	23771	0	-59.1	30.4		0	90	276	9	030	23824	3	-56.7	14.0		3	97	91	10	030	23830	6	-56.6			8	0	82	13		
050	20614	0	-65.3	27.9		0	96	268	12	050	20635	3	-63.6	11.3		3	79	90	6	050	20633	0	-63.3			1	93	96	7		
100	16526	0	-78.5	13.2		0	69	89	7	100	16506	1	-73.4	8.8		1	89	241	8	100	16483	0	-72.7			1	96	252	12		
150	14196	0	-69.2	11.8		0	93	70	18	150	14110	1	-67.0	10.3		1	93	252	16	150	14070	0	-64.8			0	96	258	27		
200	12415	0	-53.7	11.3		0	93	75	12	200	12332	2	-56.2	12.6		2	89	254	20	200	12274	0	-54.1			1	94	257	32		
300	9672	0	-30.5	10.3		0	88	88	7	300	9632	1	-35.1	18.6		1	72	244	10	300	9572	0	-36.5	19.0		1	89	257	25		
500	5844	0	-5.6	4.9		0	63	91	4	500	5864	2	-7.4	26.0		2	37	128	3	500	5831	0	-9.4	26.3		2	83	254	10		
700	3130	0	8.9	4.2		0	3	299	0	700	3149	0	8.7	31.2		4	61	100	5	700	3148	0	6.2	19.9		3	38	259	3		
850	1492	0	17.8	4.2		0	44	280	2	850	1540	0	13.2	1.7		4	71	95	3	850	1536	0	12.9	8.5		1	50	66	3		
1007	* 16		26.4	2.2						1016	* 11		20.4	2.0						1010	* 72		25.2	7.0							

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
SW PACIFIC - TUVALU (NEW ZEALAND) FUNAFUTI 91643 OCT 1999 0831S 17913E OB 3									SW PACIFIC - FIJI NANDI 91680 OCT 1999 1745S 17727E OB 3									SW PACIFIC - SAMOA (USA) PAGO PAGO/INT. AIRPORT 91765 OCT 1999 1420S 17043W OB 2								
030	23810	4	-59.3						030	23911	9	-56.5						030	23782	9	-56.5	22.2	9	78	102	5
050	20650	1	-64.7						050	20626	3	-63.6						050	20609	5	-65.1	13.1	5	77	267	5
100	16530	3	-78.3						100	16506	2	-74.9	18.4	5		266	13	100	16519	0	-76.8	6.8	0	92	280	11
150	14190	0	-68.8						150	14118	2	-66.6	19.0	4		265	22	150	14152	0	-68.5	7.2	0	92	274	17
200	12410	0	-54.4						200	12333	2	-55.2	19.2	2		268	25	200	12376	0	-55.5	7.9	0	91	277	17
300	9676	0	-31.7						300	9620	2	-34.7	18.8	2		268	19	300	9661	0	-33.0	10.3	0	84	289	12
500	5863	0	-5.8	25.5					500	5850	2	-7.8	19.7	3		273	8	500	5864	0	-7.0	9.2	0	62	335	5
700	3146	0	10.0	6.3					700	3151	1	8.5	20.3	1		292	3	700	3158	0	9.1	9.1	0	57	70	3
850	1509	0	17.3	11.8					850	1523	1	15.6	5.1	1		92	2	850	1522	0	17.0	3.8	0	81	78	6
1010	* 2		30.8	24.5					1012	* 25		28.2	7.9					1012	* 3		26.5	2.3				
SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 OCT 1999 0948S 13902W OB 3									SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 OCT 1999 1733S 14937W OB 2									SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 OCT 1999 2308S 13458W OB								
030	23760	7	-58.5		9	62	257	4	030	23782	2	-57.7		3	86	72	6	030	23805	5	-55.7		8	81	100	7
050	20608	2	-66.5		5	95	269	10	050	20605	1	-64.2		2	0	305	0	050	20607	2	-62.6		2	40	99	2
100	16512	0	-77.2		4	84	266	8	100	16500	0	-75.8		1	91	267	10	100	16448	3	-73.3		3	93	267	13
150	14144	0	-67.8		2	88	268	15	150	14123	0	-68.1		1	92	252	17	150	14043	0	-66.8		1	93	267	21
200	12368	0	-54.6		1	85	265	15	200	12349	0	-55.3		1	81	246	15	200	12272	0	-57.4		0	82	265	22
300	9649	0	-33.3	29.1	3	59	267	7	300	9642	0	-34.6	16.4	0	65	260	9	300	9594	0	-36.9	14.0	1	85	278	18
500	5846	0	-5.2	33.2	0	69	75	6	500	5860	0	-6.6	24.3	0	41	291	4	500	5843	0	-8.8	19.6	1	85	293	12
700	3131	0	10.0	33.4	1	67	78	4	700	3156	0	8.0	11.7	1	20	42	1	700	3159	0	6.3	11.7	1	77	322	5
850	1506	0	14.6	5.6	1	93	96	7	850	1531	0	15.3	4.3	1	60	62	3	850	1544	0	13.7	4.7	0	73	344	4
1006	* 52		28.1	10.7					1014	* 2		29.0	7.4					1007	* 89		24.6	3.5				
SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 OCT 1999 2321S 14929W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 OCT 1999 2737S 14420W OB 3									SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 OCT 1999 3678S 17463E OB 1								
030	23820	1	-55.7		1	80	79	6	030									030	23981	6	-52.2		6	95	96	12
050	20612	0	-62.2		0	50	136	3	050	20619	9	-60.6		9	42	98	3	050	20701	1	-55.7		1	60	119	5
100	16460	0	-73.1		0	97	264	16	100	16410	8	-69.5		8	97	265	16	100	16336	0	-59.6		0	84	264	10
150	14056	0	-66.6		0	94	263	26	150	13965	7	-63.9		8	95	263	30	150	13787	0	-56.7		0	88	264	17
200	12281	0	-56.2		0	91	261	30	200	12178	6	-57.3		7	91	259	38	200	11960	0	-55.7		0	84	266	16
300	9588	0	-35.9	11.5	0	88	274	22	300	9507	3	-37.9		3	94	278	31	300	9333	0	-44.3		0	65	262	12
500	5830	0	-9.0	16.9	0	86	275	13	500	5784	2	-11.6	17.3	3	91	278	16	500	5709	0	-17.3	17.4	0	63	269	8
700	3146	0	6.7	20.4	1	75	287	6	700	3124	1	4.2	23.2	3	76	279	8	700	3104	0	-.6	21.4	0	50	268	5
850	1532	0	12.5	8.3	1	15	353	1	850	1524	0	9.1	7.4	2	33	260	3	850	1531	0	6.0	9.8	0	43	290	4
1017	* 3		23.2	4.7					1019	* 2		19.9	5.4					1018	* 27		17.0	5.9				

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 OCT 1999 4054S 17459E OB 1									SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 OCT 1999 4625S 16819W OB 1									SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 OCT 1999 4357S 17634W OB 1										
030	24014	10	-50.4						030	24033	9	-48.4			8	60	241	5	030	24001	10	-49.7						
050	20705	0	-53.7		0	41	203	3	050	20693	2	-51.1			3	82	251	9	050	20672	0	-52.1			4	74	243	6
100	16292	1	-56.7		0	91	262	13	100	16215	1	-53.4			1	92	262	18	100	16223	0	-55.1			5	92	259	13
150	13717	0	-55.1		0	88	261	17	150	13614	0	-53.8			1	90	267	21	150	13636	0	-55.6			4	91	262	19
200	11888	0	-57.6		0	83	267	18	200	11767	0	-55.6			1	87	271	23	200	11809	0	-58.0			4	84	266	21
300	9283	0	-45.8		0	68	271	14	300	9158	0	-47.3			1	80	273	21	300	9213	0	-46.7			4	74	263	22
500	5674	0	-18.2	16.2	0	70	269	10	500	5585	0	-21.0	13.6		1	81	270	15	500	5622	0	-20.0	16.6		5	77	269	14
700	3078	0	-2.6	15.0	0	77	286	9	700	3015	0	-4.6	17.4	3	81	269	13	700	3041	0	-3.4	18.0	6	76	269	11		
850	1516	0	4.4	4.8	0	70	303	7	850	1464	0	2.8	7.0	5	82	283	11	850	1484	0	3.6	9.8	7	71	271	9		
1020	* 12		14.6	4.3					1016	* 4		12.5	4.3						1012	* 48		11.7	3.5					
SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 OCT 1999 2915S 17755W OB 1									SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 OCT 1999 1225S 13053E OB /									SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 OCT 1999 1217S 13649E OB /										
030									030	23809	6	-56.4			4	75	85	5	030	23792	0	-57.4			0	74	78	4
050									050	20630	3	-64.7			2	69	254	3	050	20616	0	-64.9			0	84	256	4
100	16407	4	-65.7		7	91	270	11	100	16565	0	-79.7			1	60	283	4	100	16554	0	-80.2			0	76	264	6
150	13870	2	-60.3		3	95	272	22	150	14215	0	-67.7			1	87	261	10	150	14209	0	-68.2			0	91	265	10
200	12099	1	-54.2		1	90	275	28	200	12424	0	-53.5			1	88	271	11	200	12423	0	-53.8			0	91	276	12
300	9436	1	-41.4		2	79	281	21	300	9685	0	-31.2			1	81	283	8	300	9685	0	-31.3			1	76	275	7
500	5771	0	-14.1	30.6	1	75	272	10	500	5869	0	-6.5	12.1		1	56	323	3	500	5869	0	-6.3	16.1		0	33	305	2
700	3136	0	1.4	19.2	0	14	289	1	700	3164	0	8.8	8.8		1	87	99	7	700	3162	0	9.5	15.8		0	95	105	8
850	1553	0	7.3	6.7	1	22	82	2	850	1525	0	18.4	5.5	1	92	101	7	850	1523	0	18.2	8.5	0	96	92	10		
1017	* 49		19.8	6.8					1009	* 31		27.7	5.1						1006	* 54		29.2	7.6					
SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 OCT 1999 1757S 12214E OB /									SW PACIFIC - AUSTRALIA TOWNSVILLE AERO 94294 OCT 1999 1915S 14645E OB /									SW PACIFIC - AUSTRALIA WILLIS ISLAND 94299 OCT 1999 1618S 14959E OB /										
030	23804	2	-57.2		2	96	91	10	030	23819	0	-56.6			2	99	88	12	030	23799	1	-56.9			1	94	73	9
050	20617	1	-63.9		1	92	98	7	050	20631	0	-64.3			2	90	94	6	050	20617	1	-64.4			1	74	95	4
100	16531	1	-78.2		1	85	259	9	100	16533	3	-77.5			1	94	258	13	100	16536	1	-79.0			0	90	254	8
150	14168	1	-67.2		1	88	270	19	150	14166	3	-67.6			1	95	265	21	150	14182	1	-68.2			0	90	261	15
200	12376	1	-53.7		1	90	270	20	200	12380	2	-54.2			1	94	264	22	200	12399	1	-54.2			0	90	262	15
300	9644	1	-32.2		1	87	268	15	300	9658	0	-33.5			0	88	268	15	300	9673	1	-33.0			0	80	270	10
500	5850	1	-7.5	14.9	1	69	283	6	500	5873	0	-6.7	18.4		0	79	270	6	500	5876	1	-5.8	19.1		0	53	286	3
700	3161	0	7.2	8.2	1	60	353	5	700	3173	0	7.9	11.0	1	61	178	4	700	3162	1	9.5	16.1	0	54	143	3		
850	1526	0	19.5	12.9	0	29	334	2	850	1544	0	15.9	8.7	1	84	84	5	850	1529	1	15.9	7.7	0	84	95	5		
1011	* 7		26.8	6.6					1016	* 9		27.7	8.8						1014	* 6		27.5	6.0					

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
SW PACIFIC - AUSTRALIA PORT HEDLAND PARDOO 94312 OCT 1999 2022S 11838E OB /									SW PACIFIC - AUSTRALIA ALICE SPRINGS AERO 94326 OCT 1999 2348S 13353E OB /									SW PACIFIC - AUSTRALIA MT ISA AERO 94332 OCT 1999 2041S 13929E OB /										
030									030	23862	1	-55.6			1	99	82	15	030	23818	9	-56.1			9	98	85	14
050	20617	8	-63.1		9	90	105	8	050	20659	0	-62.5			0	95	87	10	050	20629	5	-64.1			6	93	91	8
100	16519	1	-76.8		3	84	259	10	100	16501	0	-73.2			0	94	273	16	100	16519	2	-76.7			3	95	267	12
150	14145	1	-66.6		3	93	267	22	150	14095	0	-65.5			0	96	269	31	150	14146	2	-66.9			3	92	273	21
200	12352	1	-53.5		2	91	264	23	200	12296	0	-53.7			0	95	269	32	200	12354	1	-54.1			2	96	269	26
300	9618	0	-32.8		2	91	262	21	300	9582	0	-35.1			0	93	273	26	300	9633	1	-33.6			2	93	279	18
500	5835	0	-8.4	16.2	3	81	276	10	500	5831	0	-10.2	10.6		0	90	278	12	500	5854	1	-8.2	12.2		2	80	272	8
700	3148	0	7.4	14.0	3	68	335	6	700	3162	0	5.8	11.8		1	72	272	6	700	3171	1	6.7	8.7		3	53	270	3
850	1517	0	18.8	17.9	3	42	295	3	850	1537	0	16.2	15.2		2	41	66	4	850	1539	1	19.2	15.8		3	31	141	2
1011	* 9		25.3	11.2					954	* 546		23.8	17.5						976	* 340		28.3	19.7					
SW PACIFIC - AUSTRALIA GERALDTON AIRPORT 94403 OCT 1999 2848S 11442E OB /									SW PACIFIC - AUSTRALIA MEEKATHARRA AIRPORT 94430 OCT 1999 2637S 11833E OB 2									SW PACIFIC - AUSTRALIA GILES 94461 OCT 1999 2502S 12817E OB /										
030	23876	5	-54.8		7	99	86	16	030									030	23856	5	-56.1			5	98	81	16	
050	20657	2	-60.9		5	94	101	8	050	20644	4	-61.6			8	91	102	8	050	20644	3	-61.7			4	96	82	11
100	16430	1	-67.7		0	92	257	15	100	16451	2	-70.0			6	96	266	17	100	16474	0	-72.3			2	88	268	12
150	13961	1	-61.0		0	95	262	30	150	14011	1	-62.7			5	97	270	34	150	14053	0	-64.5			2	93	273	30
200	12136	1	-52.0		0	92	260	37	200	12196	1	-52.5			4	94	266	37	200	12251	0	-53.8			2	93	272	36
300	9436	1	-38.6		0	89	261	29	300	9488	0	-37.4			4	93	264	30	300	9544	0	-36.1			2	92	273	29
500	5746	0	-13.3	20.8	0	82	259	13	500	5775	0	-12.3	19.0		4	84	270	14	500	5814	0	-11.1	10.9		2	88	281	13
700	3102	0	3.1	17.7	0	65	262	5	700	3123	0	4.1	14.3		4	80	295	8	700	3153	0	5.3	11.7		2	88	298	9
850	1507	0	10.5	13.0	0	16	192	1	850	1514	0	14.4	15.5		4	16	13	1	850	1532	0	16.8	15.7		1	49	354	4
1012	* 33		16.0	6.2					956	* 517		19.4	16.7						948	* 598		22.1	15.8					
SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 OCT 1999 3156S 11558E OB /									SW PACIFIC - AUSTRALIA EUCLA 94647 OCT 1999 3141S 12853E OB									SW PACIFIC - AUSTRALIA COBAR 94711 OCT 1999 3129S 14550E OB /										
030	23918	5	-53.6		5	98	86	15	030									030										
050	20672	4	-58.5		4	89	98	7	050	20680	6	-58.2			6	85	83	7	050	20669	10	-59.6						
100	16370	2	-63.1		2	94	261	16	100	16386	1	-63.7			1	90	277	15	100	16398	7	-64.7						
150	13853	2	-58.1		2	95	261	29	150	13876	1	-58.5			1	95	275	30	150	13903	5	-59.6						
200	12014	2	-52.3		2	93	260	34	200	12041	1	-52.9			1	93	275	36	200	12079	4	-53.6			9	95	269	36
300	9342	2	-41.8		2	86	261	25	300	9375	1	-42.3			1	87	280	29	300	9413	2	-40.9			8	90	267	28
500	5697	2	-15.8	14.0	2	84	262	14	500	5723	1	-15.6	20.2		1	84	279	17	500	5748	1	-14.6	15.7		8	79	268	13
700	3075	2	1.0	14.8	2	77	265	9	700	3097	1	2.0	16.6		1	76	281	10	700	3117	1	1.6	10.5		9	71	282	8
850	1495	2	6.9	9.8	2	55	265	4	850	1505	1	9.3	11.7		1	59	276	6	850	1525	1	10.8	11.6		9	49	253	4
1015	* 31		14.0	5.3					1006	* 102		17.5	11.2						987	* 264		21.1	12.9					

UPPER AIR

OCTOBER 1999

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
SW PACIFIC - AUSTRALIA SYDNEY AIRPORT 94767 OCT 1999 3356S 15110E OB									SW PACIFIC - AUSTRALIA WILLIAMTOWN AERODROME 94776 OCT 1999 3248S 15150E OB /									SW PACIFIC - AUSTRALIA ALBANY AIRPORT 94802 OCT 1999 3456S 11748E OB /											
030									030									030	23959	7	-52.6			9	97	87	11		
050									050	20699	9	-58.7						050	20687	4	-56.6			5	60	87	3		
100					5	91	264	12	100	16403	2	-64.0			7	82	271	11	100	16330	0	-59.7			1	94	264	16	
150						4	94	267	23	150	13897	1	-59.0			6	93	272	26	150	13779	0	-56.0			1	94	262	26
200					4	93	265	28	200	12068	1	-53.8			5	94	269	34	200	11932	0	-52.6			1	92	261	29	
300					2	83	272	21	300	9409	1	-42.1			3	80	274	22	300	9279	0	-43.7			1	90	262	24	
500					1	80	269	13	500	5741	0	-14.7	13.5		3	78	268	13	500	5654	0	-17.2	19.5		1	85	266	15	
700					1	74	285	7	700	3110	0	1.4	9.9		2	74	274	7	700	3050	0	-.9	17.3		1	83	262	10	
850					1	45	271	4	850	1523	0	9.6	7.0		5	56	279	5	850	1483	0	3.9	5.2		2	65	260	6	
9999	*	5							1017	*	8	20.3	6.7					1009	*	69	11.9	3.6							
SW PACIFIC - AUSTRALIA MOUNT GAMBIER AERO 94821 OCT 1999 3744S 14047E OB /									SW PACIFIC - AUSTRALIA WAGGA AIRPORT 94910 OCT 1999 3510S 14727E OB /									SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 OCT 1999 4250S 14729E OB /											
030	24003	5	-51.2		5	97	80	12	030	23974	5	-52.7			6	98	88	14	030	24036	7	-49.6			7	70	78	5	
050	20706	3	-54.6		3	49	79	3	050	20709	4	-56.7			5	90	88	6	050	20718	3	-52.0			4	21	318	1	
100	16319	0	-57.8		0	96	280	13	100	16367	0	-61.2			1	96	275	12	100	16252	1	-54.3			2	93	281	14	
150	13751	0	-54.9		0	94	279	23	150	13828	0	-56.6			0	94	274	24	150	13649	0	-53.6			1	96	279	20	
200	11901	0	-53.0		0	92	279	26	200	11989	0	-53.8			0	92	273	28	200	11796	0	-53.7			1	92	279	23	
300	9260	0	-44.8		0	77	278	21	300	9340	0	-43.4			0	85	275	22	300	9168	0	-46.3			1	81	280	21	
500	5653	0	-18.7	13.4	0	76	283	14	500	5703	0	-16.4	14.9		0	79	280	13	500	5588	0	-20.8	12.2		0	77	282	14	
700	3060	0	-2.3	11.3	0	69	278	9	700	3087	0	.2	11.8		0	71	283	8	700	3016	0	-4.2	11.3		0	75	273	9	
850	1496	0	5.1	7.4	0	59	277	6	850	1508	0	8.2	8.1		0	43	299	4	850	1464	0	2.7	5.9		0	69	286	7	
1009	*	69	14.7	5.2					992	*	213	17.0	6.2					1013	*	27	14.7	7.9							
SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 OCT 1999 3132S 15904E OB /									SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 OCT 1999 2902S 16756E OB /									SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) MACQUARIE ISLAND 94998 OCT 1999 5429S 15856E OB 3											
030	23901	10	-54.1						030									030	23915	6	-46.0								
050	20663	3	-59.6		8	94	93	8	050									050	20517	4	-47.7			9	96	273	26		
100	16392	0	-64.9		1	86	254	10	100	16417	0	-66.6			0	90	258	13	100	15970	3	-50.8			9	96	275	29	
150	13897	0	-59.6		1	91	258	23	150	13934	0	-60.7			1	91	258	24	150	13341	3	-51.9			8	92	277	28	
200	12079	0	-55.3		1	90	258	30	200	12117	0	-54.5			0	88	258	25	200	11481	3	-53.6			9	92	276	28	
300	9423	0	-41.1		1	81	268	21	300	9455	0	-41.2			0	81	262	16	300	8874	3	-49.5			9	83	275	28	
500	5747	0	-14.1	14.6	0	70	265	11	500	5772	0	-13.5	13.1		0	67	265	8	500	5355	3	-25.6	9.4		9	82	275	21	
700	3113	0	2.0	14.4	0	61	281	6	700	3131	0	2.8	15.8		1	30	282	2	700	2833	3	-9.9	7.1		9	85	277	18	
850	1524	0	8.8	6.7	0	49	301	4	850	1539	0	9.1	6.9		0	28	355	2	850	1310	3	-2.2	4.9		9	84	285	16	
1018	*	6	20.4	5.7					1007	*	109	19.7	5.1					1000	*	6	5.4	3.8							

UPPER AIR

OCTOBER 1999

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
SW PACIFIC - INDONESIA (SUMATRA) MEDAN/POLONIA 96035 OCT 1999 0334N 09841E OB /									SW PACIFIC - BRUNEI DARUSSALAM BRUNEI AIRPORT 96315 OCT 1999 0456N 11456E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 OCT 1999 0129N 11020E OB 3								
030									030									030	23811	9	-58.5	29.7	9	83	286	7
050	20661	4	-64.8		4	88	258	9	050								050	20640	3	-64.4	25.5	3	94	274	13	
100	16566	3	-77.9		3	97	85	19	100	16540	17	-80.2		9	91	83	12	100	16549	3	-78.8	11.7	3	80	78	8
150	14204	3	-68.5		3	94	76	20	150	14213	5	-68.9		7	85	65	13	150	14216	3	-68.9	10.3	3	90	65	16
200	12427	2	-53.5		2	94	78	13	200	12428	4	-53.6		7	83	69	10	200	12434	3	-53.6	8.0	3	89	72	12
300	9681	1	-30.4	4.4	1	80	83	7	300	9680	4	-30.3	8.6	8	78	91	6	300	9689	3	-30.3	7.1	3	90	84	7
500	5847	1	-5.5	2.2	1	62	109	4	500	5851	3	-5.5	5.7	9	80	96	5	500	5859	3	-5.5	3.8	3	78	95	5
700	3137	1	9.0	2.1	1	42	296	3	700	3136	0	9.1	4.5	9	64	99	4	700	3144	3	9.2	3.7	4	38	123	2
850	1499	1	17.8	2.6	1	27	283	1	850	1497	0	17.8	4.3	6	17	126	1	850	1505	3	17.9	3.4	4	54	207	3
1007	* 25		23.8	.7					1004	* 15		25.8	1.8					1008	* 27		24.5	1.0				
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 OCT 1999 0312N 11302E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 OCT 1999 0416N 11753E OB 3									SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 OCT 1999 1211S 09649E OB 3								
030	23816	3	-57.9	28.2	5	79	274	7	030	23817	2	-58.7	30.3	2	69	271	6	030	23741	3	-57.2		6	68	98	5
050	20648	0	-64.6	25.9	0	92	274	9	050	20654	1	-64.4	26.6	1	91	264	10	050	20571	1	-65.9		1	37	248	2
100	16559	0	-79.9	11.5	0	91	90	10	100	16564	1	-80.1	11.8	1	90	82	12	100	16521	0	-81.1		0	83	100	7
150	14228	0	-68.9	10.0	0	88	69	14	150	14230	1	-68.7	10.7	1	86	55	12	150	14193	0	-68.7		0	53	45	5
200	12444	0	-53.4	8.6	0	81	74	9	200	12445	1	-53.3	9.7	1	81	63	9	200	12406	0	-53.6		0	31	52	3
300	9695	0	-30.1	5.7	1	88	90	6	300	9698	1	-30.2	10.0	1	79	85	5	300	9667	0	-31.1		0	40	138	4
500	5862	0	-5.4	3.7	1	78	90	5	500	5867	1	-5.2	5.5	1	56	96	5	500	5845	0	-5.3	20.4	0	39	113	2
700	3144	0	9.1	3.0	1	38	76	3	700	3148	1	9.5	5.0	1	69	92	5	700	3134	0	8.6	14.6	2	21	89	1
850	1504	0	17.9	2.1	8	37	203	2	850	1507	1	18.3	4.4	1	39	95	3	850	1506	0	14.6	4.6	3	91	103	7
1010	* 5		25.7	2.4					1008	* 20		26.3	2.9					1012	* 3		25.4	4.7				

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
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 JUL 1999 0129N 11020E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 JUL 1999 0312N 11302E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 JUL 1999 0416N 11753E OB 3								
030	23894	2	-56.7	31.0	2	88	278	10	030	23891	0	-56.9	30.4	0	76	282	6	030	23887	1	-56.4	28.0	1	24	273	2
050	20699	2	-62.9	29.0	2	85	270	8	050	20697	0	-62.8	28.3	0	61	275	4	050	20696	0	-62.8	28.4	0	15	12	1
100	16539	0	-76.3	13.0	0	63	75	8	100	16538	0	-76.9	12.9	0	71	72	9	100	16539	0	-77.8	11.9	1	75	76	10
150	14182	0	-68.6	11.4	0	97	72	27	150	14183	0	-68.7	11.0	0	98	72	27	150	14191	0	-68.8	10.5	1	96	68	25
200	12401	0	-54.3	10.1	0	95	70	21	200	12402	0	-54.2	9.9	0	96	70	21	200	12410	0	-54.0	9.5	1	95	70	19
300	9667	0	-31.4	9.0	0	95	81	12	300	9667	0	-31.3	8.6	0	94	86	11	300	9672	0	-31.2	8.5	1	94	83	11
500	5851	0	-6.2	5.4	0	36	98	2	500	5850	0	-6.2	5.9	0	30	83	2	500	5854	0	-6.2	4.2	0	43	90	3
700	3141	0	8.8	5.9	0	73	260	6	700	3140	0	8.8	5.8	0	70	257	6	700	3143	0	8.9	5.2	0	56	247	5
850	1502	0	18.4	5.3	0	79	233	4	850	1502	0	18.4	5.7	0	79	247	5	850	1504	0	18.2	4.7	0	55	235	3
1007	* 27		25.0	2.3					1009	* 5		26.0	2.5					1008	* 20		26.0	3.1				
ASIA - INDIA MADRAS/MINAMBAKKAM 43279 AUG 1999 1300N 08011E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 AUG 1999 0129N 11020E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 AUG 1999 0312N 11302E OB 3								
030									030	23890	1	-57.7	30.0	1	92	270	11	030	23897	3	-57.2	39.8	3	82	274	7
050									050	20705	0	-63.2	28.5	0	93	271	10	050	20710	0	-62.9	27.5	0	75	271	6
100	16578	3	-77.9		6	99	85	29	100	16544	0	-75.9	13.3	0	61	84	6	100	16549	0	-75.8	12.6	0	68	80	7
150	14324	1	-66.5		3	99	80	31	150	14182	0	-67.9	11.9	0	95	75	24	150	14188	0	-68.0	11.0	0	96	74	26
200	12429	1	-51.8		2	98	80	22	200	12401	0	-54.7	9.7	0	96	71	22	200	12407	0	-54.6	9.0	0	97	72	21
300	9672	1	-29.8	7.1	2	91	93	8	300	9672	0	-31.7	7.2	0	94	89	10	300	9676	0	-31.5	7.2	0	92	90	10
500	5839	1	-4.8	8.6	2	76	266	5	500	5857	0	-6.4	3.8	0	47	90	3	500	5859	0	-6.3	3.4	0	46	101	3
700	3114		9.8	5.3		96	270	9	700	3148	0	8.7	4.5	0	36	275	2	700	3149	0	8.8	4.6	0	45	275	3
850	1469		20.0	7.0		93	277	9	850	1511	0	18.0	4.1	0	42	228	2	850	1510	0	18.3	5.1	0	66	271	3
1003	* 16		29.2	6.0					1008	* 27		25.2	2.1					1010	* 5		26.0	2.7				
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 AUG 1999 0416N 11753E OB 3																										
030	23890	2	-57.3	31.4	6	65	274	5																		
050	20702	0	-62.9	29.0	4	44	265	3																		
100	16547	0	-75.7	12.4	4	64	86	6																		
150	14190	0	-68.4	10.9	4	97	67	26																		
200	12410	0	-54.4	9.3	3	95	73	20																		
300	9677	0	-31.5	7.5	1	90	86	10																		
500	5860	0	-6.2	3.9	0	58	122	4																		
700	3150	0	8.8	4.1	0	47	261	3																		
850	1512	0	17.8	3.7	0	36	241	2																		
1009	* 20		25.6	2.5																						

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		%	°	mps	hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps		
S AMERICA - COLOMBIA RIOHACHA/ALMIRANTE PADILLA 80035 SEP 1999 1132N 07256W OB 2									S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 SEP 1999 0442N 07408W OB 3																			
030	23825	17	-58.3		9	96	104	10	030	23843	23	-59.6		9	68	227	7											
050	20653	23	-63.6		9	68	128	4	050	20678	28	-63.4		9	54	241	5											
100	16526	29	-76.1		9	86	94	9	100	16523	29	-74.7		9	37	153	3											
150	14169	29	-68.8		9	62	125	7	150	14159	29	-69.5		9	86	89	15											
200	12389	29	-54.5		9	35	138	3	200	12387	29	-55.0		9	88	72	12											
300	9659	29	-31.9	10.6	9	23	157	1	300	9659	29	-3.1	8.8	9	88	90	7											
500	5852	29	-6.6	10.7	9	81	103	5	500	5852	29	-6.5	7.1	9	88	93	6											
700	3160	29	9.2	6.5	9	87	124	6	700	3150	29	7.9	4.0	9	50	165	2											
850	1502	29	18.2	4.8	9	90	114	5	753	*2546		9.5	1.1															
1010	*	4	24.6																									

STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	08360	C	ALICANTE/ELALTET	SPAIN
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	94326	CT	ALICE SPRINGS AERO	AUSTRALIA
40831	C	ABADAN	IRAN, ISLAMIC REP	42475	C	ALLAHABAD/BAMHRAULI	INDIA
47409	C	ABASHIRI	JAPAN	72517	C	ALLEN TOWN/A.-BETHLEHEM-.,PA.	USA
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	36870	CT	ALMATY	KAZAKHSTAN
03502	C	ABERPORTH	U KINGDOM	08487	C	ALMERIA/AEROPUERTO	SPAIN
41112	C	ABHA	SAUDI ARABIA	82965	T	ALTA FLORESTA (AEROPORTO)	BRAZIL
65578	C	ABIDJAN	COTE D'IVOIRE	44277	C	ALTAI	MONGOLIA
72266	C	ABILENE/MUN.,TX.	USA	51076	C	ALTAY	CHINA
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	42071	C	AMRITSAR	INDIA
62640	C	ABU HAMED	SUDAN	25563	C	ANADYR'	RUSSIAN FEDERATION
62795	C	ABU NA'AMA	SUDAN	67019	C	ANALALAVA	MADAGASCAR
76805	C	ACAPULCO,GRO.	MEXICO	70273	CT	ANCHORAGE/INT.	USA
80427	C	ACARIGUA	VENEZUELA	91568	C	ANEITYUM	VANUATU
65472	C	ACCRA	GHANA	17130	CT	ANKARA/CENTRAL	TURKEY
63450	C	ADDIS ABABA-BOLE	ETHIOPIA	60360	C	ANNABA	ALGERIA
60620	C	ADRAR	ALGERIA	70398	C	ANNETTEISLAND	USA
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	84542	C	ANTA (HUARAZ)	PERU
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	17300	C	ANTALYA	TURKEY
17190	C	AFYON	TURKEY	67083	CT	ANTANANARIVO/IVATO	MADAGASCAR
61024	C	AGADEZ	NIGER	85442	CT	ANTOFAGASTA	CHILE
61974	C	AGALEGA	MAURITIUS	47575	C	AOMORI	JAPAN
62055	C	AGEDBAIA	LIBYAN ARAB JAMAHIR	98232	C	APARRI	PHILIPPINES
42261	C	AGRA	INDIA	80084	C	APARTADO/LOSCEDROS	COLOMBIA
42647	CT	AHMADABAD	INDIA	83096	C	ARACAJU	BRAZIL
47602	C	AIKAWA	JAPAN	48462	C	ARANYAPRATHET	THAILAND
60560	C	AIN SEFRA	ALGERIA	40357	C	ARAR	SAUDI ARABIA
31168	C	AJAN	RUSSIAN FEDERATION	80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA
47582	CT	AKITA	JAPAN	83579	C	ARAXA	BRAZIL
42933	C	AKOLA	INDIA	84752	C	AREQUIPA	PERU
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
04063	C	AKUREYRI	ICELAND	85406	C	ARICA	CHILE
04082	C	AKURNES	ICELAND	86330	C	ARTIGAS	URUGUAY
40420	C	AL AHSA	SAUDI ARABIA	44288	C	ARVAIHEER	MONGOLIA
41055	C	AL BAHA	SAUDI ARABIA	60452	C	ARZEW	ALGERIA
40373	C	AL QAYSUMAH	SAUDI ARABIA	47407	C	ASAHIKAWA	JAPAN
40361	C	AL-JOUF	SAUDI ARABIA	72315	C	ASHEVILLE/MUN.,NC	USA
08280	C	ALBACETE/LOSLLANOS	SPAIN	62414	CT	ASSWAN	EGYPT
94802	CT	ALBANY AIRPORT	AUSTRALIA	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
72365	C	ALBUQUERQUE/INT.,NM.	USA	08011	C	ASTURIAS/AVILES	SPAIN
31004	CT	ALDAN	RUSSIAN FEDERATION	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	65376	C	ATAKPAME	TOGO
71082	T	ALERT UA, N.W.T.	CANADA	62680	C	ATBARA	SUDAN
08359	C	ALICANTE	SPAIN	17607	T	ATHALASSA	CYPRUS

STATION LIST RECENT DATA

16716	C	ATHINAI(AIRPORT)	GREECE	44213	C	BARUUNTURUUN	MONGOLIA
72219	C	ATLANTA/MUN.,GA.	USA	98135	C	BASCO	PHILIPPINES
72407	C	ATLANTICCITY, NJ.	USA	86011	C	BASE 5 "GRAL.A.JARA"	PARAGUAY
91925	CT	ATUONA	FRENCHPOLY.	89057	C	BASE ARTUROPRAT	CHILE
35700	T	ATYRAY	KAZAKHSTAN	89059	C	BASE BERNARDOO'HIGGINS	CHILE
72218	C	AUGUSTA/BUSHFIELD, GA.	USA	60468	C	BATNA	ALGERIA
08210	C	AVILA	SPAIN	91557	C	BAUERFIELD(EFATE)	VANUATU
84673	C	AYACUCHO	PERU	44302	C	BAYAN-OVOO	MONGOLIA
08330	C	BADAJOS/TALAVERALA REAL	SPAIN	44275	C	BAYANBULAG	MONGOLIA
30554	C	BAGDARIN	RUSSIAN FEDERATION	44352	C	BAYANDELGER	MONGOLIA
83980	C	BAGE	BRAZIL	44287	C	BAYANHONGOR	MONGOLIA
71727	C	BAGOTVILLE,QUE.	CANADA	60571	C	BECHAR	ALGERIA
98328	C	BAGUIO	PHILIPPINES	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
87750	C	BAHIA BLANCA AERO	ARGENTINA	54511	CT	BEIJING	CHINA
86033	C	BAHIA NEGRA	PARAGUAY	60402	C	BEJAJA	ALGERIA
41150	C	BAHRAIN(INT. AIRPORT)	BAHRAIN	82191	C	BELEM	BRAZIL
44265	C	BAITAG	MONGOLIA	82193	T	BELEM (AEROPORTO)	BRAZIL
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
35796	C	BALHASH	KAZAKHSTAN	43198	C	BELGAUM/SAMBRA	INDIA
17150	C	BALIKESIR	TURKEY	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
85874	C	BALMACEDA	CHILE	89050	C	BELLINGSHAUSEN	USSR
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	03976	C	BELMULLET	IRELAND
61291	CT	BAMAKO/SENOU	MALI	83587	C	BELO HORIZONTE	BRAZIL
64660	C	BAMBARI	CENTRALAFRICAN REP	82246	C	BELTERRA	BRAZIL
71122	C	BANFF,ALTA.	CANADA	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
43295	C	BANGALORE	INDIA	60602	C	BENI ABBES	ALGERIA
64656	C	BANGASSOU	CENTRALAFRICAN REP	60518	C	BENI-SAF	ALGERIA
48455	CT	BANGKOK	THAILAND	13274	C	BEOGRAD	YUGOSLAVIA
64650	CT	BANGUI	CENTRALAFRICAN REP	64600	C	BERBERATI	CENTRALAFRICAN REP
82784	C	BARBALHA	BRAZIL	01317	C	BERGEN/FLORIDA	NORWAY
80419	C	BARCELONA	VENEZUELA	10384	C	BERLIN-TEMPELHOF	GERMANY
08181	C	BARCELONA/AEROPUERTO	SPAIN	40179	T	BET DAGAN	ISRAEL
87765	C	BARILOCHEAERO	ARGENTINA	70219	C	BETHEL/BETHELAIRPORT, AK.	USA
80440	C	BARINAS	VENEZUELA	68461	C	BETHLEHEM	SOUTH AFRICA
29838	C	BARNAUL	RUSSIAN FEDERATION	40100	C	BEYROUTH(AEROPORT)	LEBANON
80410	C	BARQUISIMETO	VENEZUELA	42971	CT	BHUBANESWAR	INDIA
82571	C	BARRADO CORDA	BRAZIL	12295	C	BIALYSTOK	POLAND
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	42165	C	BIKANER	INDIA
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	08025	C	BILBAO/SONDICA	SPAIN
83236	C	BARREIRAS	BRAZIL	72677	C	BILLINGS/LOGANINT., MT.	USA
70026	C	BARROW/W.POST W. ROGERS	USA	72515	C	BINGHAMTON/BROOME CO., NY.	USA
70086	C	BARTER ISLAND	USA	96441	CT	BINTULU	MALAYSIA
44305	C	BARUUN-URT	MONGOLIA	61401	C	BIR MOGHREIN	MAURITANIA
44241	C	BARUUNKHARAA	MONGOLIA	64658	C	BIRAO	CENTRALAFRICAN REP

STATION LIST RECENT DATA

61075	C	BIRNI-N' KONNI	NIGER	10453	C	BROCKEN	GERMANY
41084	C	BISHA	SAUDI ARABIA	94203	CT	BROOME AIRPORT	AUSTRALIA
60525	C	BISKRA	ALGERIA	72250	C	BROWNSVILLE/INT.,TX.	USA
72764	CT	BISMARCK/MUN.,ND.	USA	96315	CT	BRUNEI AIRPORT	BRUNEIDARUSSALAM
15085	C	BISTRITA	ROMANIA	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
01028	CT	BJORNOYA	NORWAY	15420	CT	BUCURESTI/IMH	ROMANIA
31510	C	BLAGOVESCENSK	RUSSIAN FEDERATION	12843	CT	BUDAPEST/LORINC	HUNGARY
68442	C	BLOEMFONTEIN AIRPORT	SOUTH AFRICA	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
74492	C	BLUE HILL OBS., MA.	USA	72528	C	BUFFALO/GREATER BUFFALO, NY.	USA
82024	C	BOA VISTA	BRAZIL	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
65510	C	BOBO-DIOULASSO	BURKINA FASO	44239	C	BULGAN	MONGOLIA
01152	CT	BODO	NORWAY	08075	C	BURGOS/VILLAFRIA	SPAIN
80222	CT	BOGOTA/ELDORADO	COLOMBIA	72617	C	BURLINGTON/INTL.,VT.	USA
29282	C	BOGUCANY	RUSSIAN FEDERATION	17116	C	BURSA	TURKEY
65338	C	BOHICON	BENIN	98330	C	CABANATUAN	PHILIPPINES
72681	C	BOISE/MUN.,ID.	USA	08261	C	CACERES	SPAIN
87640	C	BOLIVAR AERO	ARGENTINA	08452	C	CADIZ	SPAIN
83288	CT	BOM JESUS DA LAPA	BRAZIL	07027	C	CAEN	FRANCE
43057	C	BOMBAY/COLABA	INDIA	16560	CT	CAGLIARI/ELMAS	ITALY
43003	T	BOMBAY/SANTACRUZ	INDIA	94287	C	CAINES AERO	AUSTRALIA
31253	C	BOMNAK	RUSSIAN FEDERATION	84472	C	CAJAMARCA	PERU
65545	C	BONDOUKOU	COTE D'IVOIRE	80442	C	CALABOZO	VENEZUELA
23884	C	BOR	RUSSIAN FEDERATION	42807	C	CALCUTTA/ALIPORE	INDIA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	42809	T	CALCUTTA/DUMDUM	INDIA
60686	C	BORDJI B.MOKHTAR	ALGERIA	80259	C	CALI/ALFONSO BONILLA ARAGON	COLOMBIA
65516	C	BOROMO	BURKINA FASO	68618	C	CALVINIA	SOUTH AFRICA
64610	C	BOSSANGO	CENTRAL AFRICAN REP	03808	T	CAMBORNE	U KINGDOM
64605	C	BOSSEMBELE	CENTRAL AFRICAN REP	71925	T	CAMBRIDGE BAY UA, N.W.T.	CANADA
72509	C	BOSTON/LOGAN INT., MA	USA	83611	C	CAMPO GRANDE	BRAZIL
60515	C	BOU-SAADA	ALGERIA	83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL
65555	C	BOUAKE	COTE D'IVOIRE	83698	C	CAMPOS	BRAZIL
64601	C	BOUAR	CENTRAL AFRICAN REP	17112	C	CANAKKALE	TURKEY
61296	C	BOUGOUNI	MALI	71910	C	CAPE DORSET, N.W.T.	CANADA
60417	C	BOUIRA	ALGERIA	71094	C	CAPE DYER, N.W.T.	CANADA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	72304	C	CAPE HATTERAS, NC.	USA
61461	C	BOUTILIMIT	MAURITANIA	68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA
08575	C	BRAGANCA	PORTUGAL	16522	C	CAPO CACCIA	ITALY
83377	C	BRASILIA	BRAZIL	80416	C	CARACAS/LACARLOTA	VENEZUELA
30309	C	BRATSK	RUSSIAN FEDERATION	80415	C	CARACAS/MAIQUETIAAEROP. INT	VENEZUELA
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	83592	C	CARATINGA	BRAZIL
07110	CT	BREST	FRANCE	83498	CT	CARAVELAS	BRAZIL
64655	C	BRIA	CENTRAL AFRICAN REP	72712	C	CARIBOU/MUN.,ME.	USA
16320	CT	BRINDISI	ITALY	82765	C	CAROLINA	BRAZIL
11723	C	BRNO/TURANY	CZECH REP	86580	C	CARRASCO	URUGUAY

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80432	C	CARRIZAL	VENEZUELA	84531	C	CHIMBOTE	PERU
80022	C	CARTAGENA/RAFAELNUNEZ	COLOMBIA	30758	CT	CHITA	RUSSIAN FEDERATION
71818	C	CARTWRIGHT,NFLD.	CANADA	41977	T	CHITTAGONG(AMBAGAN)	BANGLADESH
60155	CT	CASABLANCA	MOROCCO	60425	C	CHLEF	ALGERIA
03967	C	CASEMENT AERODROME	IRELAND	44259	C	CHOIBALSAN	MONGOLIA
89611	CT	CASEY	AUSTRALIA	44298	C	CHOIR	MONGOLIA
72569	C	CASPER/NATRONACOUNTY I.,WY.	USA	21946	C	CHOKURDAH	RUSSIAN FEDERATION
08286	C	CASTELLON	SPAIN	47648	C	CHOSHI	JAPAN
87222	C	CATAMARCAAERO.	ARGENTINA	93780	C	CHRISTCHURCH	N ZEALAND
83676	C	CATANDUVA	BRAZIL	48517	C	CHUMPHON	THAILAND
16459	C	CATANIA/SIGONELLA	ITALY	47101	C	CHUNCHON	REP KOREA
81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA	71913	CT	CHURCHILLUA,MAN.	CANADA
94653	C	CEDUNA AIRPORT	AUSTRALIA	72421	C	CINCINNATI/GREATERCIN., OH.	USA
89056	C	CENTROMET.ANTARTICO''PDTE.ED	CHILE	80444	C	CIUDAD BOLIVAR	VENEZUELA
87257	C	CERES AERO	ARGENTINA	86248	C	CIUDAD DEL ESTE	PARAGUAY
60320	C	CEUTA	SPAIN	08348	C	CIUDAD REAL	SPAIN
84444	C	CHACHAPOYAS	PERU	15120	CT	CLUJ-NAPOCA	ROMANIA
87320	C	CHAMICAL AERO	ARGENTINA	71090	C	CLYDE,N.W.T.	CANADA
48480	C	CHANTHABURI	THAILAND	82425	C	COARI	BRAZIL
72414	C	CHARLESTON/KANAWHA.,WV.	USA	94711	CT	COBAR	AUSTRALIA
72208	C	CHARLESTON/MUN.,SC.	USA	85041	C	COBIJA	BOLIVIA
72314	C	CHARLOTTE/DOUGLAS,NC.	USA	43353	T	COCHIN/WILLINGDON	INDIA
71706	C	CHARLOTTETOWN,P.E.I.	CANADA	96996	CT	COCOS ISLAND AERO	AUSTRALIA
93986	T	CHATHAMISLAND	N ZEALAND	94791	C	COFFS HARBOUR MO	AUSTRALIA
93987	C	CHATHAMISLANDS AWS	N ZEALAND	70316	CT	COLD BAY	USA
74494	T	CHATHAM,MA	USA	43466	C	COLOMBO	SRI LANKA
72324	C	CHATTANOOGA/LOVELLFIELD, TN	USA	86560	C	COLONIA	URUGUAY
11406	C	CHEB	CZECH REP	76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO
47184	C	CHEJU	REP KOREA	72310	C	COLUMBIA,SC.	USA
47185	T	CHEJU UPPER/RADAR	REP KOREA	72445	C	COLUMBIA/REGIONAL,MO.	USA
56294	C	CHENGDU	CHINA	72428	C	COLUMBUS/PORTCOLUMBUS,OH.	USA
87322	C	CHEPES	ARGENTINA	63333	C	COMBOLCHA	ETHIOPIA
42515	C	CHERRAPUNJI	INDIA	76848	C	COMITAN,CHIS.	MEXICO
76750	C	CHETUMAL,Q.ROO	MEXICO	87860	CT	COMODORORIVADAVIA AERO	ARGENTINA
72564	C	CHEYENNE,WY.	USA	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
41768	C	CHHOR	PAKISTAN	86134	C	CONCEPCION	PARAGUAY
48327	CT	CHIANG MAI	THAILAND	85682	C	CONCEPCION	CHILE
71822	C	CHIBOUGAMAUCHAPAI,QUE.	CANADA	85196	C	CONCEPCION	BOLIVIA
72530	C	CHICAGO/O'HARE,IL.	USA	72605	C	CONCORD/MUN.,NH.	USA
47971	CT	CHICHIJIMA	JAPAN	87395	C	CONCORDIA AERO	ARGENTINA
84452	C	CHICLAYO	PERU	15480	CT	CONSTANTA	ROMANIA
67693	C	CHILEKA	MALAWI	60419	C	CONSTANTINE	ALGERIA
85672	C	CHILLAN	CHILE	85470	C	COPIAPO	CHILE
38262	C	CHIMBAJ	UZBEKISTAN	71915	CT	CORAL HARBOUR UA, N.W.T.	CANADA

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87344	CT	CORDOBA AERO	ARGENTINA	97230	C	DENPASAR/NGURAH-RAI	INDONESIA P
08410	C	CORDOBA/AEROPUERTO	SPAIN	41624	C	DERA ISMAIL KHAN	PAKISTAN
03955	C	CORK AIRPORT	IRELAND	72546	C	DES MOINES/MUN.,IA.	USA
80403	C	CORO	VENEZUELA	72537	C	DETROIT/METROPOLITANMI.	USA
72251	C	CORPUS CHRISTI/INT.,TX.	USA	40416	C	DHAHRAN	SAUDI ARABIA
87166	C	CORRIENTESAERO.	ARGENTINA	41923	T	DHAKA	BANGLADESH
17084	C	CORUM	TURKEY	44477	C	DHANKUTA	NEPAL
83552	C	CORUMBA	BRAZIL	42314	C	DIBRUGARH/MOHANBARI	INDIA
65344	C	COTONOU	BENIN	61967	T	DIEGO GARCIA	OCEAN ISLANDS
85864	C	COYHAIQUE	CHILE	61085	C	DIFFA	NIGER
15450	C	CRAIOVA	ROMANIA	65562	C	DIMBOKRO	COTE D'IVOIRE
82583	C	CRATEUS	BRAZIL	89054	C	DINAMET-URUGUAY	URUGUAY
82704	C	CRUZEIRO DO SUL	BRAZIL	63471	C	DIREDAWA	ETHIOPIA
80097	C	CUCUTA/CAMILODAZA	COLOMBIA	17280	CT	DIYARBAKIR	TURKEY
08231	C	CUENCA	SPAIN	60670	C	DJANET	ALGERIA
83361	CT	CUIABA	BRAZIL	60535	C	DJELFA	ALGERIA
80420	C	CUMANA	VENEZUELA	63125	C	DJIBOUTI	DJIBOUTI
85629	C	CURICO	CHILE	63862	C	DODOMA	U REP TANZANIA
83842	C	CURITIBA	BRAZIL	87648	C	DOLORES AERO	ARGENTINA
83840	T	CURITIBA (AEROPORTO)	BRAZIL	62650	C	DONGOLA	SUDAN
84686	C	CUZCO	PERU	65501	C	DORI	BURKINA FASO
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	64910	T	DOUALA R.S.	CAMEROON
98325	C	DAGUPAN	PHILIPPINES	10486	T	DRESDEN	GERMANY
61641	CT	DAKAR/YOFF	SENEGAL	10488	C	DRESDEN-KLOTZSCHE	GERMANY
41712	C	DAL BANDIN	PAKISTAN	41194	C	DUBAI INTERNATIONALAIRPORT	U ARAB EMIRATES
44373	C	DALANZADGAD	MONGOLIA	03969	C	DUBLIN AIRPORT	IRELAND
72259	C	DALLAS-FORT WORTH/FORT.,TX.	USA	52836	C	DULAN	CHINA
42587	C	DALTONGANJ	INDIA	72745	C	DULUTH/INT.,MN.	USA
40080	C	DAMASCUS INT. AIRPORT	SYRIAN ARAB REP	89642	CT	DUMONT D'URVILLE	FRANCE
62805	C	DAMAZINE	SUDAN	68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA
04320	CT	DANMARKSHAVN	GREENLAND	42731	C	DWARKA	INDIA
65351	C	DAPAON	TOGO	24143	C	DZARDZAN	RUSSIAN FEDERATION
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	68858	C	EAST LONDON	SOUTH AFRICA
60390	C	DAR-EL-BEIDA	ALGERIA	94907	C	EAST SALE AIRPORT	AUSTRALIA
94120	CT	DARWIN AIRPORT	AUSTRALIA	62750	C	ED DUEIM	SUDAN
44256	C	DASHBALBAR	MONGOLIA	03160	C	EDINBURGH AIRPORT	U KINGDOM
71855	C	DAUPHIN,MAN.	CANADA	17050	C	EDIRNE	TURKEY
89571	CT	DAVIS	AUSTRALIA	71879	C	EDMONTON MUNICIPAL ALTA.	CANADA
72429	C	DAYTON/.COX, OH	USA	71119	T	EDMONTON STONY PLAIN, ALTA	CANADA
06260	CT	DE BILT	NETHERLANDS	40199	C	EILAT	ISRAEL
06235	C	DE KOOY	NETHERLANDS	28440	C	EKATERINBURG	RUSSIAN FEDERATION
12882	C	DEBRECEN	HUNGARY	62337	C	EL ARISH	EGYPT
65505	C	DEDOUGOU	BURKINA FASO	62760	C	EL FASHER	SUDAN
40045	C	DEIR EZZOR	SYRIAN ARAB REP	60590	C	EL GOLEA	ALGERIA

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60540	C	EL KHEITER	ALGERIA	71946	C	FORT SIMPSON,N.W.T.	CANADA
62771	C	EL OBEID	SUDAN	71934	T	FORT SMITH UA,N.W.T.	CANADA
60559	C	EL OUED	ALGERIA	72344	C	FORT SMITH/MUN.,AR.	USA
72270	C	EL PASO/INT.,TX.	USA	72533	C	FORT WAYNE/MUN.,BAERFL.,IN.	USA
80437	C	EL VIGIA	VENEZUELA	82397	CT	FORTALEZA	BRAZIL
60367	C	EL-KALA	ALGERIA	72389	C	FRESNO/AIR TERM.,CA.	USA
60550	C	ELBAYADH	ALGERIA	02226	C	FROSON	SWEDEN
12160	C	ELBLAG	POLAND	60035	C	FUERTEVENTURA/AEROPUERTO	SPAIN
63686	C	ELDORET	KENYA	47843	C	FUKUE	JAPAN
72486	C	ELY/YELLAND,NV.	USA	47807	CT	FUKUOKA	JAPAN
76256	C	EMPALME,SON	MEXICO	91643	CT	FUNAFUTI	TUVALU
62781	C	EN NAHUD	SUDAN	08522	CT	FUNCHAL	MADEIRA
86297	C	ENCARNACION	PARAGUAY	60765	C	GABES	TUNISIA
29263	C	ENISEJSK	RUSSIAN FEDERATION	60745	C	GAFSA	TUNISIA
65257	C	ENUGU	NIGERIA	65557	C	GAGNOA	COTE D'IVOIRE
24817	C	ERBOGACEN	RUSSIAN FEDERATION	44284	C	GAIUUT	MONGOLIA
44237	C	ERDENEMANDAL	MONGOLIA	15310	C	GALATI	ROMANIA
53068	C	ERENHOT	CHINA	83746	T	GALEAO	BRAZIL
10554	C	ERFURT-BINDERSLEBEN	GERMANY	72242	C	GALVESTON,TX.	USA
17092	C	ERZINCAN	TURKEY	94926	C	GANBERRAAMO	AUSTRALIA
17096	C	ERZURUM	TURKEY	71803	C	GANDER INT.AIRPORT,NFLD.	CANADA
40800	CT	ESFAHAN	IRAN, ISLAMIC REP	57993	C	GANZHOU	CHINA
03162	C	ESKDALEMUIR	U KINGDOM	61226	C	GAO	MALI
87803	C	ESQUEL AERO	ARGENTINA	65522	C	GAOUA	BURKINA FASO
60220	C	ESSAOUIRA	MOROCCO	62120	C	GARIATEL-SHARGHIA	LIBYAN ARAB JAMAHIR
10410	T	ESSEN	GERMANY	63723	C	GARISSA	KENYA
71862	C	ESTEVAN,SASK.	CANADA	40405	C	GASSIM	SAUDI ARABIA
71917	T	EUREKA UA, N.W.T.	CANADA	42410	CT	GAUHATI	INDIA
72594	C	EUREKA,CA.	USA	61099	C	GAYA	NIGER
72432	C	EVANSVILLE/REG.,IN.	USA	62752	C	GEDAREF	SUDAN
87576	CT	EZEIZA AERO	ARGENTINA	10628	C	GEISENHEIM	GERMANY
65507	C	FADA N'GOURMA	BURKINA FASO	62770	C	GENEINA	SUDAN
70261	C	FAIRBANKS/INT.	USA	87532	C	GENERAL PICO AERO	ARGENTINA
72753	C	FARGO/HECTORFIELD, ND.	USA	06700	C	GENEVE-COINTRIN	SWITZERLAND
76698	C	FELIPE CARRILLOPUERTO, Q.RO	MEXICO	68828	C	GEORGE AIRPORT	SOUTH AFRICA
11155	C	FEUERKOGEL	AUSTRIA	81001	C	GEORGETOWN	GUYANA
10578	C	FICHTELBERG	GERMANY	94403	CT	GERALDTONAIRPORT	AUSTRALIA
72637	C	FLINT/BISHOP,MI.	USA	08184	C	GERONA/COSTABRAVA	SPAIN
82678	C	FLORIANO	BRAZIL	60566	C	GHARDAIA	ALGERIA
83897	C	FLORIANOPOLIS	BRAZIL	62212	C	GHAT	LIBYAN ARAB JAMAHIR
82212	C	FONTE BOA	BRAZIL	60517	C	GHAZAOUET	ALGERIA
87162	C	FORMOSA AERO	ARGENTINA	08495	CT	GIBRALTAR	GIBRALTAR
71932	C	FORT MCMURRAY,ALTA.	CANADA	08014	C	GIJON	SPAIN
71945	CT	FORT NELSON UA,B.C.	CANADA	94461	CT	GILES	AUSTRALIA

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17034	C	GIRESUN	TURKEY	17285	C	HAKKARI	TURKEY
93292	C	GISBORNE AERODROMEAWS	N ZEALAND	47430	C	HAKODATE	JAPAN
41140	C	GIZAN	SAUDI ARABIA	71081	CT	HALL BEACH UA,N.W.T.	CANADA
72768	C	GLASGOW/INTL.MT.	USA	89022	CT	HALLEY	U KINGDOM
20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION	94212	C	HALLS CREEK AMO	AUSTRALIA
43192	CT	GOA/PANJIM	INDIA	40030	C	HAMA	SYRIAN ARAB REP
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	47755	C	HAMADA	JAPAN
10499	C	GOERLITZ	GERMANY	43497	C	HAMBANTOTA	SRI LANKA
83423	C	GOIANIA	BRAZIL	10147	C	HAMBURG-FUHLBUETTEL	GERMANY
71816	CT	GOOSE UA,NFLD.	CANADA	52203	C	HAMI	CHINA
63403	C	GORE	ETHIOPIA	10338	C	HANNOVER	GERMANY
71733	C	GORE BAY,ONT.	CANADA	23933	CT	HANTY-MANSIJSK	RUSSIAN FEDERATION
02527	T	GOTEBORG/LANDVETTER	SWEDEN	02196	C	HAPARANDA	SWEDEN
02512	C	GOTEBORG/SAVE	SWEDEN	67774	T	HARARE (BELVEDERE)	ZIMBABWE
68906	CT	GOUGH ISLAND	SOUTH AFRICA	67775	C	HARARE (KUTSAGA)	ZIMBABWE
61045	C	GOURE	NIGER	02361	C	HARNOSAND	SWEDEN
94150	CT	GOVE AIRPORT	AUSTRALIA	72508	C	HARTFORD/BRADLEYINTL, CT.	USA
72476	C	GRAND JUNCTION/WALKERF.,CO.	USA	60581	C	HASSI-MESSAOUD	ALGERIA
72635	C	GRAND RAPIDS/KENTCO., MI.	USA	20891	C	HATANGA	RUSSIAN FEDERATION
78954	C	GRANTLEY ADAMS	BARBADOS	44207	C	HATGAL	MONGOLIA
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE
16253	C	GRAZZANISE	ITALY	71935	C	HAY RIVER,N.W.T.	CANADA
72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA	72772	C	HELENA/COUNTY-CITYMT.	USA
72317	C	GREENSBORO/G.-HIGHPT., NC.	USA	02974	C	HELSINKI-VANTAA	FINLAND
72312	C	GREENVILLE/SPATANBURGSC	USA	62378	CT	HELWAN	EGYPT
10184	CT	GREIFSWALD	GERMANY	03496	T	HEMSBY	U KINGDOM
08226	C	GUADALAJARA	SPAIN	16754	C	HERAKLION(AIRPORT)	GREECE
87497	C	GUALEGUAYCHUAERO	ARGENTINA	91945	C	HEREHERETUE	FRENCH POLY.
76577	C	GUANAJUATO,GTO.	MEXICO	60001	C	HIERRO/AEROPUERTO	SPAIN
80428	C	GUANARE	VENEZUELA	71066	C	HIGH LEVEL, ALTA	CANADA
59287	C	GUANGZHOU	CHINA	91285	CT	HILO/GEN. LYMAN, HAWAII,	USA
80448	C	GUASDUALITO	VENEZUELA	94975	CT	HOBART AIRPORT	AUSTRALIA
60403	C	GUELMA	ALGERIA	10962	C	HOHENPEISSENBERG	GERMANY
80423	C	GUIRIA	VENEZUELA	93615	C	HOKITIKA AERODROMEAWS	N ZEALAND
02128	C	GUNNARN	SWEDEN	91520	C	HONIARA/HENDERSON	SOLOMON ISLANDS
40360	C	GURIAT	SAUDI ARABIA	91182	C	HONOLULU,OAHU, HAWAII	USA ISLANDS
40250	C	H-4 'IRWAISHED'	JORDAN	23219	C	HOSEDA-HARD	RUSSIAN FEDERATION
31735	C	HABAROVSK	RUSSIAN FEDERATION	51828	C	HOTAN	CHINA
47678	CT	HACHIJOJIMA	JAPAN	72243	C	HOUSTON/INTERCONTI-NENTAL,	USA
76692	C	HACIENDA YLANG YLANG VER.	MEXICO	44218	C	HOVD	MONGOLIA
40373	T	HAFR AL-BATIN	SAUDI ARABIA	84564	C	HUANUCO	PERU
59758	C	HAIKOU	CHINA	08383	C	HUELVA	SPAIN
40394	CT	HAIL	SAUDI ARABIA	44285	C	HUJIRT	MONGOLIA
50527	CT	HAILAR	CHINA	72425	C	HUNTINGTON,WV	USA

STATION LIST RECENT DATA

72654	C	HURON/HURONREGIONAL,SD.	USA	83186	C	JACOBINA	BRAZIL
44232	C	HUTAG	MONGOLIA	43041	C	JAGDALPUR	INDIA
41765	C	HYDERABAD	PAKISTAN	24959	CT	JAKUTSK	RUSSIAN FEDERATION
43128	CT	HYDERABADAIRPORT	INDIA	01001	CT	JAN MAYEN	NORWAY
15090	C	IASI	ROMANIA	41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA
80214	C	IBAGUE/PERALES	COLOMBIA	60725	C	JENDOUBA	TUNISIA
08373	C	IBIZA/ES CODOLA	SPAIN	08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN
32411	C	ICA	RUSSIAN FEDERATION	41598	C	JHELUM	PAKISTAN
83821	C	IGUAPE	BRAZIL	60351	C	JIJEL ACHOUAT	ALGERIA
87097	C	IGUAZU AERO	ARGENTINA	60353	C	JIJEL PORT	ALGERIA
60640	C	ILLIZI	ALGERIA	63402	C	JIMMA	ETHIOPIA
04339	CT	ILLOQQORTOORMIUT(SCORES BYSU	GREENLAND	52533	C	JIUQUAN	CHINA
98637	C	ILOILO	PHILIPPINES	41756	C	JIWANI	PAKISTAN
31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION	83481	C	JOAO PINHEIRO	BRAZIL
64459	C	IMPFONDO	CONGO	42339	CT	JODHPUR	INDIA
60611	C	IN AMENAS	ALGERIA	02929	C	JOENSUU	FINLAND
60630	C	IN SALAH	ALGERIA	68368	C	JOHANNESBURGINT. AIRPORT	SOUTH AFRICA
60690	C	IN-GUEZZAM	ALGERIA	02963	CT	JOKIOINEN	FINLAND
72438	C	INDIANAPOLIS(I.-MUN/WEI.,IN.	USA	02550	C	JONKOPING/AXAMO	SWEDEN
42754	C	INDORE	INDIA	78762	CT	JUAN SANTAMARIA	COSTA RICA
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	84474	C	JUANJUI	PERU
72747	CT	INT.FALLS/FALLSINT.MN.	USA	87046	C	JUJU Y AERO	ARGENTINA
71907	CT	INUKJUAK, QUE	CANADA	84735	C	JULIACA	PERU
71957	CT	INUVIK UA,N.W.T.	CANADA	78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN,ST.EUST
93844	CT	INVERCARGILLAERODROME	N ZEALAND	87548	C	JUNIN AERO	ARGENTINA
80370	C	IPIALES/SAN LUIS	COLOMBIA	32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION
71909	CT	IQUALUIT,N.W.T.	CANADA	02935	CT	JYVASKYLA	FINLAND
84377	C	IQUITOS	PERU	67663	C	KABWE	ZAMBIA
83881	C	IRAI	BRAZIL	47827	CT	KAGOSHIMA	JAPAN
83836	C	IRATI	BRAZIL	17255	C	KAHRAMANMARAS	TURKEY
68263	T	IRENE	SOUTH AFRICA	93678	C	KAIKOURA	N ZEALAND
30710	C	IRKUTSK	RUSSIAN FEDERATION	60735	C	KAIROUAN	TUNISIA
47918	CT	ISHIGAKIJIMA	JAPAN	93012	C	KAITAIA	N ZEALAND
85469	C	ISLA DE PASCUA	CHILE	02897	C	KAJAANI	FINLAND
85585	C	ISLA JUAN FERNANDEZ	CHILE	30469	C	KALAKAN	RUSSIAN FEDERATION
17240	CT	ISPARTA	TURKEY	16726	C	KALAMATA (AIRPORT)	GREECE
17062	CT	ISTANBUL/GOZTEPE	TURKEY	25744	C	KAMENSKOE	RUSSIAN FEDERATION
82445	C	ITAITUBA	BRAZIL	40001	C	KAMISHLI	SYRIAN ARAB REP
60010	C	IZANA	SPAIN	71887	C	KAMLOOPS,B.C.	CANADA
17220	CT	IZMIR/GUZELYALT	TURKEY	47605	C	KANAZAWA	JAPAN
47800	C	IZUHARA	JAPAN	65306	C	KANDI	BENIN
72235	C	JACKSON/ALLENC. THOMP.,MS.	USA	47105	C	KANGNUNG	REP KOREA
72206	C	JACKSONVILLE/INTNL.FL.	USA	22165	C	KANIN NOS	RUSSIAN FEDERATION
41715	C	JACOBABAD	PAKISTAN	61679	C	KAOLACK	SENEGAL

STATION LIST RECENT DATA

71831	C	KAPUSKASING,ONT.	CANADA	06181	T	KOEBENHAVN/JAEGERSBORG	DENMARK & FAROE IS.
65357	C	KARA	TOGO	06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.
41780	C	KARACHI AIRPORT	PAKISTAN	61698	C	KOLDA	SENEGAL
35394	CT	KARAGANDA	KAZAKHSTAN	29231	CT	KOLPASEVO	RUSSIAN FEDERATION
02080	C	KARESUANDO	SWEDEN	10929	C	KONSTANZ	GERMANY
62660	C	KARIMA	SUDAN	17244	C	KONYA	TURKEY
10727	C	KARLSRUHE	GERMANY	25954	C	KORF	RUSSIAN FEDERATION
02418	C	KARLSTADFLYGPLATS	SWEDEN	65536	C	KORHOGO	COTE D'IVOIRE
17098	C	KARS	TURKEY	91408	C	KOROR, PALAU IS.	USA IVOIRE
67475	C	KASAMA	ZAMBIA	62772	C	KOSTI	SUDAN
51709	C	KASHI	CHINA	42452	C	KOTA AERODROME	INDIA
62730	C	KASSALA	SUDAN	48615	CT	KOTA BHARU	MALAYSIA
10438	C	KASSEL	GERMANY	96471	C	KOTA KINABALU	MALAYSIA
17074	C	KASTAMONU	TURKEY	70133	CT	KOTZEBUE,RALPH WIEN	USA
44454	C	KATHMANDU AIRPORT	NEPAL	91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA
26629	C	KAUNAS	LITHUANIA	61293	C	KOUTIALA	MALI
27595	CT	KAZAN'	RUSSIAN FEDERATION	43314	C	KOZHICODE	INDIA
04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND	12566	C	KRAKOW	POLAND
60120	C	KENITRA	MOROCCO	60514	C	KSAR CHELLALA	ALGERIA
16641	C	KERKYRA (AIRPORT)	GREECE	48648	T	KUALA LUMPUR/PETALINGJAYA	MALAYSIA
93997	T	KERMADECIS.	N ZEALAND	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
40841	C	KERMAN	IRAN, ISLAMIC REP	48657	CT	KUANTAN	MALAYSIA
02805	C	KEVO	FINLAND	96413	CT	KUCHING	MALAYSIA
72201	C	KEY WEST/INT.,FL.	USA	62271	C	KUFRA	LIBYAN ARAB JAMAHIR
44313	C	KHALKH-GOL	MONGOLIA	56778	C	KUNMING	CHINA
41114	CT	KHAMIS MUSHAIT	SAUDI ARABIA	47418	C	KUSHIRO	JAPAN
34300	C	KHARKIV	UKRAINE	28952	CT	KUSTANAI	KAZAKHSTAN
62721	CT	KHARTOUM	SUDAN	71906	CT	KUUJUUAQ, QUE.	CANADA
60476	C	KHENCHELLA	ALGERIA	71905	C	KUUJUUARAPIK, QUE.	CANADA
61214	C	KIDAL	MALI	02869	C	KUUSAMO	FINLAND
64387	C	KIGALI	RWANDA	40582	CT	KUWAITINT'L AIRPORT	KUWAIT
02801	C	KILPISJARVI	FINLAND	91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA
68438	C	KIMBERLEY	SOUTH AFRICA	47158	T	KWANGJU AB	REP KOREA
40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA	33345	C	KYIV	UKRAINE
70326	C	KING SALMON	USA	33393	C	L'VIV	UKRAINE
45004	CT	KING'S PARK	HONG KONG, CHINA	80476	C	LA CANADA	VENEZUELA
78397	C	KINGSTON/NORMANMANLEY	JAMAICA	08001	CT	LA CORUNA	SPAIN
03066	C	KINLOSS	U KINGDOM	08002	C	LA CORUNA/ALVEDRO	SPAIN
64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG	71823	T	LA GRANDEIV, QUE.	CANADA
30230	CT	KIRENSK	RUSSIAN FEDERATION	60005	C	LA PALMA/AEROPUERTO	SPAIN
61270	C	KITA	MALI	76405	C	LA PAZ, B.C.S.	MEXICO
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	85201	C	LA PAZ/ALTO	BOLIVIA
26509	C	KLAJPEDA	LITHUANIA	87217	C	LA RIOJA AERO.	ARGENTINA
72326	C	KNOXVILLE/MUN.,TN.	USA	71922	C	LA RONGE,SASK	CANADA

STATION LIST RECENT DATA

85488	C	LA SERENA	CHILE	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
87534	C	LABOULAYE	ARGENTINA	08535	C	LISBOA/GEOF	PORTUGAL
96465	C	LABUAN	MALAYSIA	67743	C	LIVINGSTONE	ZAMBIA
60545	C	LAGHOUAT	ALGERIA	08084	C	LOGRONO/AGONCILLO	SPAIN
87903	C	LAGO ARGENTINO AERO	ARGENTINA	65387	C	LOME	TOGO
65201	C	LAGOS/IKEJA	NIGERIA	83766	C	LONDRINA	BRAZIL
41640	C	LAHORE CITY	PAKISTAN	94346	C	LONGREACH AIRPORT	AUSTRALIA
08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL	94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA
72240	C	LAKE CHARLES/MUN.,LA.	USA	72295	C	LOS ANGELES/INT.,CA.	USA
72576	C	LANDER/HUNT,WY.	USA	72423	C	LOUISVILLE/STANDIFORD,KY.	USA
60040	C	LANZAROTE/AEROPUERTO	SPAIN	48930	C	LUANG-PRABANG	LAO PDR
52889	CT	LANZHOU	CHINA	72267	C	LUBBOCK/LUBBOCK INTL, TX.	USA
98223	C	LAOAG	PHILIPPINES	42369	T	LUCKNOW/AMAUSI	INDIA
16648	C	LARISSA (AIRPORT)	GREECE	06770	C	LUGANO	SWITZERLAND
17609	C	LARNACA AIRPORT	CYPRUS	08008	C	LUGO/ROZAS	SPAIN
87563	C	LAS FLORES AERO	ARGENTINA	16597	C	LUQA	MALTA
80241	C	LAS GAVIOTAS	COLOMBIA	06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG
87078	C	LAS LOMITAS	ARGENTINA	03740	C	LYNEHAM	U KINGDOM
60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN	71078	C	LYNN LAKE, MAN.	CANADA
72386	C	LAS VEGAS/MCCARRAN,NV.	USA	60467	C	M'SILA	ALGERIA
40022	C	LATTAKIA	SYRIAN ARAB REP	40310	C	MA'AN	JORDAN
94968	C	LAUNCESTON AIRPORT	AUSTRALIA	44294	C	MAANTI	MONGOLIA
94865	CT	LAVERTON RAAF	AUSTRALIA	82098	C	MACAPA	BRAZIL
78925	C	LE LAMENTIN	MARTINIQUE	43185	C	MACHILIPATNAM	INDIA
78897	CT	LE RAIZET, GUADELOUPE	ST.MARTIN,ST.BARTH	94367	C	MACKAY MO	AUSTRALIA
12120	CT	LEBA	POLAND	72217	C	MACON/LEWIS B.WILSON,GA.	USA
03257	C	LEEMING	U KINGDOM	94998	CT	MACQUARIE ISLAND	AUSTRALIA
98444	C	LEGASPI	PHILIPPINES	98646	C	MACTAN	PHILIPPINES
12374	T	LEGIONOWO	POLAND	40430	CT	MADINAH	SAUDI ARABIA
10469	C	LEIPZIG-SCHKEUDITZ	GERMANY	72641	C	MADISON/DANE COUNTY REGIONAL	USA
83242	C	LENCOIS	BRAZIL	43279	CT	MADRAS/MINAMBAKKAM	INDIA
08055	C	LEON/VIRGENDEL CAMINO	SPAIN	08221	CT	MADRID/BARAJAS	SPAIN
08171	C	LERIDA	SPAIN	08223	C	MADRID/CUATROVIENTOS	SPAIN
03005	CT	LERWICK	U KINGDOM	08224	C	MADRID/GETAFE	SPAIN
71874	C	LETHBRIDGE,ALTA.	CANADA	08227	C	MADRID/TORREJON	SPAIN
80398	CT	LETICIA/VASQUEZCOBO	COLOMBIA	47624	C	MAEBASHI	JAPAN
72422	C	LEXINGTON/BLUEGRASS, KY.	USA	40265	T	MAFRAQ	JORDAN
55591	CT	LHASA	CHINA	61091	C	MAGARIA	NIGER
91165	C	LIHUE, KAUAI, HAWAII	USA	85114	C	MAGDALENA	BOLIVIA
07015	C	LILLE	FRANCE	10361	C	MAGDEBURG	GERMANY
67586	C	LILONGWE INT'L AIRPORT	MALAWI	60522	C	MAGHNA	ALGERIA
84628	C	LIMA-CALLAO/AEROP.INTERNACI	PERU	61096	C	MAINE-SOROA	NIGER
10393	CT	LINDENBERG	GERMANY	67073	C	MAINTIRANO	MADAGASCAR
61627	C	LINGUERE	SENEGAL	47750	C	MAIZURU	JAPAN

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67027	C	MAJUNGA	MADAGASCAR	60437	C	MEDEA	ALGERIA
91376	C	MAJURO/MARSHALLS. INTL	USA CAR	72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA
41030	C	MAKKAH	SAUDI ARABIA	71872	C	MEDICINE HAT,ALTA.	CANADA
65271	C	MAKURDI	NIGERIA	94430	C	MEEKATHARRAAIRPORT	AUSTRALIA
48665	C	MALACCA	MALAYSIA	10548	CT	MEININGEN	GERMANY
08482	C	MALAGA/AEROPUERTO	SPAIN	60150	C	MEKNES	MOROCCO
62840	C	MALAKAL	SUDAN	60338	C	MELILLA	SPAIN
87506	C	MALARGUEAERO	ARGENTINA	86440	C	MELO	URUGUAY
03980	C	MALIN HEAD	IRELAND	61250	C	MENAKA	MALI
65548	C	MAN	COTE D'IVOIRE	87418	C	MENDOZA AERO	ARGENTINA
78741	C	MANAGUA A.C.SANDINO	NICARAGUA	80425	C	MENE GRANDE	VENEZUELA
82331	C	MANAUS	BRAZIL	56985	C	MENGZI	CHINA
82332	T	MANAUS (AEROPORTO)	BRAZIL	08314	C	MENORCA/MAHON	SPAIN
03334	C	MANCHESTER AIRPORT	U KINGDOM	86490	C	MERCEDES	URUGUAY
44341	C	MANDALGOVI	MONGOLIA	80438	C	MERIDA	VENEZUELA
43285	T	MANGALORE/PANAMBUR	INDIA	72234	C	MERIDIAN/KEY,MS.	USA
65352	C	MANGO	TOGO	62306	CT	MERSA MATRUH	EGYPT
71722	T	MANIWAKI,QUE.	CANADA	17340	C	MERSIN	TURKEY
03797	C	MANSTON	U KINGDOM	16420	C	MESSINA	ITALY
76654	C	MANZANILLO,COL.	MEXICO	76680	C	MEXICO (CENTRAL),D.F.	MEXICO
87774	C	MAQUINCHAO	ARGENTINA	72202	C	MIAMI, FL.	USA
87692	C	MAR DEL PLATA AERO	ARGENTINA	60195	C	MIDELT	MOROCCO
82562	C	MARABA	BRAZIL	72265	C	MIDLAND/MIDLANDREG., TX.	USA
80407	C	MARACAIBO-LACHINITA	VENEZUELA	16080	T	MILANO/LINATE	ITALY
80413	C	MARACAY- B.A. SUCRE	VENEZUELA	94693	C	MILDURA AIRPORT	AUSTRALIA
61080	C	MARADI	NIGER	60430	C	MILIANA	ALGERIA
87467	C	MARCOS JUAREZ AERO	ARGENTINA	72640	C	MILWAUKEE/GEN.MITCHELL, WI.	USA
16325	C	MARINA DI GINOSA	ITALY	47945	CT	MINAMIDAITOJIMA	JAPAN
68994	CT	MARION ISLAND	SOUTH AFRICA	47991	CT	MINAMITORISHIMA	JAPAN
86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY	43369	CT	MINICOY	INDIA
72743	C	MARQUETTE,MI.	USA	65123	C	MINNA	NIGERIA
60230	C	MARRAKECH	MOROCCO	72658	C	MINNEAPOLIS/ST.PAULINTL,MN.	USA
61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS	26850	C	MINSK	BELARUS
60506	C	MASCARA METMORE	ALGERIA	29866	C	MINUSINSK	RUSSIAN FEDERATION
40745	CT	MASHHAD	IRAN, ISLAMIC REP	96449	C	MIRI	MALAYSIA ERATION
41288	C	MASIRAH	OMAN	89592	CT	MIRNYJ	USSR N
61630	C	MATAM	SENEGAL	72773	C	MISSOULA/JOHNSON-BELLF.,MT.	USA
47741	C	MATSUE	JAPAN	62016	C	MISURATA	LIBYAN ARAB JAMAHIR
47618	C	MATSUMOTO	JAPAN	47585	C	MIYAKO	JAPAN
47887	C	MATSUYAMA	JAPAN	47927	C	MIYAKOJIMA	JAPAN
80435	C	MATURIN	VENEZUELA	47830	C	MIYAZAKI	JAPAN
89564	CT	MAWSON	AUSTRALIA	64665	C	MOBAYE	CENTRAL AFRICAN REP
70231	C	MCGRATH	USA	72223	C	MOBILE/BATESFIELD, AL.	USA
60549	C	MECHERIA	ALGERIA	30673	C	MOGOCA	RUSSIAN FEDERATION

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47165	C	MOKPO	REP KOREA	42867	CT	NAGPUR SONEGAON	INDIA
72544	C	MOLINE/QUADCITY, IL.	USA	47936	CT	NAHA	JAPAN
89542	C	MOLODEZNAJA	USSR	63740	C	NAIROBI/KENYATTAIRPORT	KENYA
76342	C	MONCLOVA,COAH.	MEXICO	41128	C	NAJRAN	SAUDI ARABIA
67633	C	MONGU	ZAMBIA	48431	C	NAKHONRATCHASIMA	THAILAND
87393	C	MONTE CASEROS AERO	ARGENTINA	48400	C	NAKHONSAWAN	THAILAND
08003	C	MONTEFARO	SPAIN	62002	C	NALUT	LIBYAN ARAB JAMAHIR
78388	C	MONTEGOBAY/SANGSTER	JAMAICA	58606	C	NANCHANG	CHINA
76393	C	MONTERREY,N.L.	MEXICO	91680	CT	NANDI	FIJI
83437	C	MONTES CLAROS	BRAZIL	59431	C	NANNING	CHINA
72226	C	MONTGOMERY/DANNELLYAL.	USA	23205	C	NAR'JAN-MAR	RUSSIAN FEDERATION
71627	C	MONTREAL/DORVALINT'L,QUE	CANADA	04270	T	NARSARSUAQ	GREENLAND
71836	T	MOOSONEE,ONT.	CANADA	72327	CT	NASHVILLE/METROPOLITAN,TN.	USA
61265	C	MOPTI	MALI	78073	C	NASSAU AIRPORT	BAHAMAS
76665	C	MORELIA,MICH.	MEXICO	82598	C	NATAL	BRAZIL
08397	C	MORON DE LA FRONTERA	SPAIN	71813	C	NATASHQUAN,QUE.	CANADA
27612	CT	MOSKVA	RUSSIAN FEDERATION	65319	C	NATITINGOU	BENIN
60457	C	MOSTAGANEMVILLE	ALGERIA	91683	C	NAUSORI	FIJI
64706	C	MOUNDOU	CHAD	08215	C	NAVACERRADA	SPAIN
94821	CT	MOUNT GAMBIER AERO	AUSTRALIA	47909	CT	NAZE	JAPAN
88889	CT	MOUNT PLEASANT AIRPORT	UK FALKLANDISLANDS	64700	CT	NDJAMENA	CHAD
63619	C	MOYALE	KENYA	80315	C	NEIVA/BENITOSALAS	COLOMBIA
94332	CT	MT ISA AERO	AUSTRALIA	61497	C	NEMA	MAURITANIA
63971	C	MTWARA	U REP TANZANIA	47420	CT	NEMURO	JAPAN
10870	C	MUENCHEN,FLUGHAFEN	GERMANY	10280	C	NEUBRANDENBURG	GERMANY
10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY	89002	CT	NEUMAYER	GERMANY
17292	C	MUGLA	TURKEY	87715	C	NEUQUENA AERO	ARGENTINA
42147	C	MUKTESHWARKUMAON	INDIA	10270	C	NEURUPPIN	GERMANY
41675	C	MULTAN	PAKISTAN	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
08430	CT	MURCIA	SPAIN	72231	C	NEW ORLEANS/MOISANTINT.,LA	USA
08429	C	MURCIA/ALCANTARILLA	SPAIN	93309	C	NEW PLYMOUTH AWS	N ZEALAND
08433	C	MURCIA/SANJAVIER	SPAIN	72503	C	NEW YORK/LA GUARDIA, NY.	USA
44231	C	MUREN	MONGOLIA	61052	CT	NIAMEY-AERO	NIGER
22113	CT	MURMANSK	RUSSIAN FEDERATION	17250	C	NIGDE	TURKEY
47899	C	MUROTOMISAKI	JAPAN	02942	C	NIINISALO	FINLAND
72636	C	MUSKEGON/COUNTY,MI.	USA	32618	C	NIKOL'SKOE	RUSSIAN FEDERATION
41006	C	MUWAIH	SAUDI ARABIA	31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION
63756	C	MWANZA	U REP TANZANIA	98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES
25399	C	MYS UELEN	RUSSIAN FEDERATION	61230	C	NIORO DU SAHEL	MALI
64654	C	N'DELE	CENTRAL AFRICAN REP	70200	CT	NOME	USA
61049	C	N'GUIGMI	NIGER	94996	CT	NORFOLK ISLAND AERO	AUSTRALIA
60557	C	NAAMA	ALGERIA	72308	C	NORFOLK/INT.,VA.	USA
47817	C	NAGASAKI	JAPAN	72556	C	NORFOLK/KARLSTEFAN, NE.	USA
47636	C	NAGOYA	JAPAN	71043	CT	NORMAN WELLS UA, N.W.T.	CANADA

STATION LIST RECENT DATA

71731	C	NORTH BAY,ONT.	CANADA	02875	C	OULU	FINLAND
72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA	60421	C	OUM EL BOUAGHI	ALGERIA
61415	C	NOUADHIBOU	MAURITANIA	08015	C	OVIEDO	SPAIN
61442	C	NOUAKCHOTT	MAURITANIA	47663	C	OWASE	JAPAN
91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA	91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA
16064	C	NOVARA/CAMERI	ITALY	48955	C	PAKSE	LAO PDR
89512	CT	NOVOLAZAREVSKAJA	USSR	96221	C	PALEMBANG/TALANGBETUTU	INDONESIA
10763	C	NUERNBERG	GERMANY	16410	C	PALERMO BOCCADIFALCO	ITALY
04250	C	NUUK (GODTHAAB)	GREENLAND	08301	CT	PALMA DE MALLORCA	SPAIN
64659	C	OBO	CENTRAL AFRICAN REP	08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN
33837	C	ODESA	UKRAINE	80479	C	PALMICHAL	VENEZUELA
65528	C	ODIENNE	COTE D'IVOIRE	40061	C	PALMYRA	SYRIAN ARAB REP
31088	C	OHOTSK	RUSSIAN FEDERATION	43363	C	PAMBAN	INDIA
47815	C	OITA	JAPAN	08085	C	PAMPLONA/NOAIN	SPAIN
24688	C	OJMJAKON	RUSSIAN FEDERATION	41739	C	PANJGUR	PAKISTAN
24125	CT	OLENEK	RUSSIAN FEDERATION	41560	C	PARACHINAR	PAKISTAN
72792	C	OLYMPIA, WA.	USA	65330	C	PARAKOU	BENIN
47655	C	OMAEZAKI	JAPAN	87374	C	PARANA AERO	ARGENTINA
44215	C	OMNO-GOBI	MONGOLIA	93417	CT	PARAPARAUMU AERODROME	N ZEALAND
28698	CT	OMSK	RUSSIAN FEDERATION	82287	C	PARNAIBA	BRAZIL
47598	C	ONAHAMA	JAPAN	87814	C	PASO DE INDIOS	ARGENTINA
91699	C	ONO-I-LAU	FIJI	87289	C	PASO DE LOS LIBRES AERO	ARGENTINA
87016	C	ORAN AERO	ARGENTINA	86460	C	PASO DE LOS TOROS	URUGUAY
60461	C	ORAN PORT	ALGERIA	80342	C	PASTO/ANTONIONARINO	COLOMBIA
60490	C	ORAN/ES SENIA	ALGERIA	42492	T	PATNA	INDIA
35121	CT	ORENBURG	RUSSIAN FEDERATION	82791	C	PATOS	BRAZIL
08048	C	ORENSE	SPAIN	06610	T	PAYERNE	SWITZERLAND
01241	CT	ORLAND	NORWAY	12942	C	PECS/POGANY	HUNGARY
72205	C	ORLANDO/JETPORT,FL.	USA	86097	C	PEDRO JUAN CABALLERO	PARAGUAY
47772	C	OSAKA	JAPAN	87544	C	PEHUAJO AERO	ARGENTINA
47122	T	OSAN AB	REP KOREA	91554	C	PEKOA AIRPORT (SANTO)	VANUATU
47675	C	OSHIMA	JAPAN	48601	CT	PENANG/BAYANLEPAS	MALAYSIA
01384	C	OSLO/GARDERMOEN	NORWAY	72688	C	PENDLETON,OR.	USA
85782	C	OSORNO	CHILE	72532	C	PEORIA/GREATERPEORIA, IL.	USA
11782	C	OSTRAVA/MOSNOV	CZECH REP	80210	C	PEREIRA/MATECANA	COLOMBIA
20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION	87852	C	PERITO MORENO AERO	ARGENTINA
21432	CT	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION	94610	CT	PERTH AIRPORT	AUSTRALIA
20069	C	OSTROV VIZE	RUSSIAN FEDERATION	41530	C	PESHAWAR	PAKISTAN
65503	C	OUAGADOUGOU	BURKINA FASO	82983	CT	PETROLINA	BRAZIL
65502	C	OUAHIGOUYA	BURKINA FASO	32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION
60580	C	OUARGLA	ALGERIA	72408	C	PHILADELPHIA/INT.,PA.	USA
60265	C	OUARZAZATE	MOROCCO	48378	C	PHITSANULOK	THAILAND
64458	C	OUESSO	CONGO	72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA
60115	C	OUIDA	MOROCCO	48565	T	PHUKET AIRPORT	THAILAND

STATION LIST RECENT DATA

78970	CT	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD AND TOBAGO	12330	C	POZNAN	POLAND
68174	C	PIETERSBURG	SOUTH AFRICA	48500	C	PRACHUAPKHIRIKHAN	THAILAND
87679	C	PIGUE AERO	ARGENTINA	11520	CT	PRAHA-LIBUS	CZECH REP
86255	C	PILAR	PARAGUAY	11518	C	PRAHA/RUZYNE	CZECH REP
87349	C	PILAR OBSERVATORIO	ARGENTINA	16245	T	PRATICA DI MARE	ITALY
16158	C	PISA/S. GIUSTO	ITALY	86065	C	PRATS-GIL	PARAGUAY
84691	C	PISCO	PERU	68262	C	PRETORIA	SOUTH AFRICA
72520	C	PITTSBURGH/GREATERPITT.,PA.	USA	71869	C	PRINCE ALBERT,SASK.	CANADA
84401	C	PIURA	PERU	71896	C	PRINCE GEORGE,B.C.	CANADA
61990	C	PLAISANCE(MAURITIUS)	MAURITIUS	04390	C	PRINS CHRISTIANSUND	GREENLAND
65518	C	PO	BURKINA FASO	72507	C	PROVIDENCE/GREENSTATE, RI.	USA
72578	C	POCATELLO/NUM.,ID.	USA	80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA
13463	C	PODGORICA-GRAD	YUGOSLAVIA	84515	C	PUCALLPA	PERU
47138	CT	POHANG	REP KOREA	85574	C	PUDAHUEL	CHILE
64400	C	POINTE-NOIRE	CONGO	80457	C	PUERTO AYACUCHO	VENEZUELA
20046	C	POLARGMO IM. E.T. KRENKELJA	RUSSIAN FEDERATION	80139	C	PUERTO CARRENO/A.GUAUQUEA	COLOMBIA
91348	C	PONAPE, CAROLINE ISLANDS.	USA FEDERATION	86086	C	PUERTO CASADO	PARAGUAY
71095	C	POND INLET, N.W.T.	CANADA	87896	C	PUERTO DESEADO AERO	ARGENTINA
08053	C	PONFERRADA	SPAIN	78767	C	PUERTO LIMON	COSTA RICA
08044	C	PONTEVEDRA	SPAIN	84658	C	PUERTO MALDONADO	PERU
43063	C	POONA	INDIA	85799	CT	PUERTO MONTT	CHILE
11952	T	POPRAD-GANOVCE	SLOVAKIA	78458	C	PUERTO PLATA	DOMINICAN REP
11934	C	POPRAD/TATRY	SLOVAKIA	85934	CT	PUNTA ARENAS	CHILE
80421	C	PORLAMAR (AEROPUERTO INT. DE	VENEZUELA	78760	C	PUNTARENAS	COSTA RICA
43333	CT	PORT BLAIR	INDIA	47159	C	PUSAN	REP KOREA
68842	CT	PORT ELIZABETH	SOUTH AFRICA	56137	C	QAMDO	CHINA
71109	CT	PORT HARDY UA,B.C.	CANADA	54857	C	QINGDAO	CHINA
94312	CT	PORT HEDLAND PARDOO	AUSTRALIA	50745	C	QIQIHAR	CHINA
62641	C	PORT SUDAN	SUDAN	71103	C	QUESNEL,B.C.	CANADA
78437	C	PORT-AU-PRINCE(DAMIEN)	HAITI	41660	C	QUETTA AIRPORT	PAKISTAN
71197	C	PORT-AUX-BASQUES,NFLD.	CANADA	80144	C	QUIBDO/EL CARANO	COLOMBIA
61998	T	PORT-AUX-FRANCAIS(ILES KERG	OCEAN ISLANDS	72797	C	QUILLAYUTE,WA.	USA
64501	C	PORT-GENTIL	GABON	85543	CT	QUINTERO	CHILE
72698	C	PORTLAND/INT.,OR.	USA	82586	C	QUIXERAMOBIM	BRAZIL
72606	C	PORTLAND/INTNL.JET PORT, ME	USA	60135	C	RABAT-SALE	MOROCCO
83967	C	PORTO ALEGRE	BRAZIL	40362	C	RAFHA	SAUDI ARABIA
83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL	72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA
83064	C	PORTO NACIONAL	BRAZIL	93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND
82825	C	PORTO VELHO	BRAZIL	91958	CT	RAPA	FRENCH POLY.
82824	T	PORTO VELHO (AEROPORTO)	BRAZIL	72662	C	RAPID CITY/REGIONAL AIRPORT,	USA
08546	C	PORTO/SERRADO PILAR	PORTUGAL	91843	C	RAROTONGA	COOK ISLANDS
87178	C	POSADAS AERO.	ARGENTINA	22602	C	REBOLY	RUSSIAN FEDERATION
83332	C	POSSE	BRAZIL	82900	CT	RECIFE (CURADO)	BRAZIL
10379	C	POTSDAM	GERMANY	87270	C	RECONQUISTA AERO	ARGENTINA

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71863	C	REGINA,SASK.	CANADA	08202	C	SALAMANCA/MATACAN	SPAIN
72488	C	RENO/INT.,NV.	USA	23330	CT	SALEHARD	RUSSIAN FEDERATION
87155	C	RESISTENCIA AERO.	ARGENTINA	72572	C	SALT LAKE CITY/INTL,UT.	USA
71924	CT	RESOLUTEUA, N.W.T.	CANADA	87047	C	SALTA AERO	ARGENTINA
08175	C	REUS/AEROPUERTO	SPAIN	76390	C	SALTILLO,COAH	MEXICO
04030	C	REYKJAVIK	ICELAND	86360	C	SALTO	URUGUAY
85043	C	RIBERALTA	BOLIVIA	86210	C	SALTOS DEL GUAIRA	PARAGUAY
72401	C	RICHMOND/BYRD,VA.	USA	83229	CT	SALVADOR	BRAZIL
91948	C	RIKITEA	FRENCH POLY.	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
16149	C	RIMINI	ITALY	35925	C	SAM	KAZAKHSTAN
44203	C	RINCHINHUMBE	MONGOLIA	17030	CT	SAMSUN	TURKEY
82915	C	RIO BRANCO	BRAZIL	61277	C	SAN	MALI
87453	C	RIO CUARTO AERO	ARGENTINA	80001	CT	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA
87925	C	RIO GALLEGOS AERO	ARGENTINA	72263	C	SAN ANGELO/MATHIS,TX.	USA
80035	T	RIOHACHA/ALMIRANTEPADILLA	COLOMBIA	80447	C	SAN ANTONIODEL TACHIRA	VENEZUELA
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
40438	C	RIYADH	SAUDI ARABIA	72253	C	SAN ANTONIO/INT.,TX.	USA
72411	C	ROANOKE/MUN.,VA.	USA	72290	C	SAN DIEGO/LINDBERGH,CA.	USA
86565	C	ROCHA	URUGUAY	80450	C	SAN FERNANDO DE APURE	VENEZUELA
72644	C	ROCHESTER/MUN.,MN.	USA	72494	C	SAN FRANCISCO/INTL,CA.	USA
72529	C	ROCHESTER/R-MONROECTY., NY.	USA	85104	C	SAN JOAQUIN	BOLIVIA
94374	CT	ROCKHAMPTON AERO	AUSTRALIA	87311	C	SAN JUAN AERO	ARGENTINA
61988	C	RODRIGUES	MAURITIUS	86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY
06190	C	ROENNE	DENMARK & FAROE IS.	80431	C	SAN JUAN DE LOS MORROS	VENEZUELA
87480	C	ROSARIO AERO	ARGENTINA	78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US
03957	C	ROSSLARE	IRELAND	87909	C	SAN JULIAN AERO	ARGENTINA
10170	C	ROSTOCK-WARNEMUENDE	GERMANY	87436	C	SAN LUIS AERO	ARGENTINA
34731	T	ROSTOV-NA-DONU	RUSSIAN FEDERATION	87509	C	SAN RAFAEL AERO	ARGENTINA
08449	C	ROTA	SPAIN	08029	C	SAN SEBASTIAN/FUENTERRABIA	SPAIN
93247	C	ROTORUA AERODROME	N ZEALAND	08027	C	SAN SEBASTIAN/IGUELDO	SPAIN
91650	C	ROTUMA	FIJI	96491	C	SANDAKAN	MALAYSIA
51777	C	RUOQIANG	CHINA	71101	C	SANDSPIT,B.C.	CANADA
85141	C	RURRENABAQUE	BOLIVIA	17270	C	SANLIURFA	TURKEY
71600	CT	SABLE ISLAND,N.S.	CANADA	85123	C	SANTA ANA	BOLIVIA
72483	C	SACRAMENTO/EXECUTIVECA.	USA	60020	CT	SANTA CRUZ DE TENE- RIFE, CM	SPAIN
06680	C	SAENTIS	SWITZERLAND	80462	C	SANTA ELENA DE UAIREN	VENEZUELA
42671	C	SAGAR	INDIA	08515	C	SANTA MARIA (ACORES)	PORTUGAL
60536	C	SAIDA	ALGERIA	80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA
47740	C	SAIGO	JAPAN	87623	C	SANTA ROSA AERO	ARGENTINA
44336	C	SAIKHAN-OVOO	MONGOLIA	08023	CT	SANTANDER	SPAIN
61600	C	SAINT-LOUIS	SENEGAL	08021	C	SANTANDER/PARAYAS	SPAIN
71805	C	SAINT-PIERRE	ST. PIERRE AND MIQU	87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA
08594	T	SAL ISLAND	CAPE VERDE	85577	C	SANTIAGO QUINTA NORMAL	CHILE
41316	CT	SALALAH	OMAN	08042	C	SANTIAGO/LABACOLLA	SPAIN

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78486	C	SANTO DOMINGO	DOMINICAN REP	26524	C	SIAULIAI	LITHUANIA
82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL	15260	C	SIBIU	ROMANIA
82280	C	SAO LUIZ	BRAZIL	96421	C	SIBU	MALAYSIA
83781	C	SAO PAULO	BRAZIL	60520	C	SIDI BEL ABBES	ALGERIA
83780	T	SAO PAULO (AEROPOR- TO)	BRAZIL	17210	C	SIIRT	TURKEY
47412	CT	SAPPORO	JAPAN	61297	C	SIKASSO	MALI
34172	C	SARATOV	RUSSIAN FEDERATION	42619	C	SILCHAR	INDIA
48952	C	SARAVANE	LAO PDR	33946	C	SIMFEROPOL'	UKRAINE
64750	C	SARH	CHAD	48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE
65599	C	SASSANDRA	COTE D'IVOIRE	72557	C	SIoux CITY/MUN.,IA.	USA
72207	C	SAVANNAH/MUNICIPAL,GA.	USA	72651	C	SIoux FALLS/FOSS FIELD, SD.	USA
48947	C	SAVANNAKHET	LAO PDR	71842	C	SIoux LOOKOUT,ONT.	CANADA
65335	C	SAVE	BENIN	62019	C	SIRTE	LIBYAN ARAB JAMAHIR
48938	C	SAYABOURY	LAO PDR	17090	C	SIVAS	TURKEY
71828	C	SCHEFFERVILLE,QUE.	CANADA	60355	C	SKIKDA	ALGERIA
10035	CT	SCHLESWIG	GERMANY	71069	C	SLAVE LAKE, ALTA	CANADA
10162	C	SCHWERIN	GERMANY	11903	C	SLIAC	SLOVAKIA
72793	C	SEATTLE/S.-TACOMA,WA.	USA	71950	C	SMITHERS,B.C.	CANADA
62124	C	SEBHA	LIBYAN ARAB JAMAHIR	02836	CT	SODANKYLA	FINLAND
41256	CT	SEEB, INTERNATIONALAIRPORT	OMAN	15614	CT	SOFIA (OBSERV.)	BULGARIA
08213	C	SEGOVIA	SPAIN	65361	C	SOKODE	TOGO
25703	CT	SEJMCHAN	RUSSIAN FEDERATION	63962	C	SONGEA	U REP TANZANIA
36177	C	SEMIPALATINSK	KAZAKHSTAN	48568	CT	SONGKHLA	THAILAND
62762	C	SENNAR	SUDAN	11146	C	SONNBLICK	AUSTRIA
48948	C	SENO	LAO PDR	76499	C	SOTO LA MARINA, TAMPS.	MEXICO
47108	C	SEOUL	REP KOREA	16746	C	SOUDA (AIRPORT)	GREECE
71811	CT	SEPT-ILES UA,QUE.	CANADA	60423	C	SOUK AHRAS	ALGERIA
60445	C	SETIF	ALGERIA	72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA
08391	C	SEVILLA/SANPABLO	SPAIN	72785	C	SPOKANE/INT.,WA.	USA
63980	C	SEYCHELLESINT. AIRPORT	SEYCHELLES	68512	CT	SPRINGBOK	SOUTH AFRICA
63985	T	SEYCHELLESINT. AIRPORT	SEYCHELLES	72439	C	SPRINGFIELD/CAPITAL,IL.	USA
62056	C	SHAHAT	LIBYAN ARAB JAMAHIR	42027	CT	SRINAGAR	INDIA
58362	CT	SHANGHAI	CHINA	61986	C	ST. BRANDON(ST. RAPHAEL)	MAURITIUS
03962	C	SHANNON AIRPORT	IRELAND	61901	CT	ST. HELENA IS.	OCEAN ISLANDS
59316	C	SHANTOU	CHINA	72434	C	ST. LOUIS/LAMBERT,ST., MO.	USA
41136	C	SHARURAH	SAUDI ARABIA	70308	C	ST. PAUL	USA
71601	C	SHEARWATER,N.S.	CANADA	26063	CT	ST. PETERBURG	RUSSIAN FEDERATION
70414	T	SHEMYA AFB	USA	11028	C	ST. POELTEN	AUSTRIA
54342	C	SHENYANG	CHINA	71801	T	ST.JOHN'S UA,NLFD	CANADA
72666	C	SHERIDAN/COUNTY,WY.	USA	83997	C	ST.VITORIADO PALMAR	BRAZIL
47898	C	SHIMIZU	JAPAN	04312	C	STATION NORD AWS	GREENLAND
47778	CT	SHIONOMISAKI	JAPAN	01415	CT	STAVANGER/SOLA	NORWAY
40848	CT	SHIRAZ	IRAN, ISLAMIC REP	71815	CT	STEPHENVILLEUA,NFLD	CANADA
72248	C	SHREVEPORT/REG.,LA.	USA	72403	T	STERLING, VA.	USA

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80475	C	STO.DOMINGO(B.A.)	VENEZUELA	76548	C	TAMPICO, TAMPS	MEXICO
02485	C	STOCKHOLM	SWEDEN	87645	C	TANDIL AERO	ARGENTINA
03026	CT	STORNOWAY	U KINGDOM	47837	C	TANEGASHIMA	JAPAN
10738	C	STUTTGART-ECHTERDINGEN	GERMANY	60101	C	TANGER(AERODROME)	MOROCCO
10739	CT	STUTTGART/SCHNARRENBERG	GERMANY	76903	C	TAPACHULA,CHIS.	MEXICO
15360	C	SULINA	ROMANIA	84455	C	TARAPOTO	PERU
97260	C	SUMBAWA BESAR/SUMBAWABESAR	INDONESIA	44230	C	TARIALAN	MONGOLIA
02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN	23552	C	TARKO-SALE	RUSSIAN FEDERATION
24738	C	SUNTAR	RUSSIAN FEDERATION	26242	C	TARTU	ESTONIA
41268	C	SUR	OMAN	38457	CT	TASHKENT	UZBEKISTAN
98653	C	SURIGAO	PHILIPPINES	04360	CT	TASIILAQ (AMASSALIK)	GREENLAND
47421	C	SUTTSU	JAPAN	47646	T	TATENO	JAPAN
01008	C	SVALBARDLUFTHAVN	NORWAY	96481	CT	TAWAU	MALAYSIA
71870	C	SWIFT CURRENT,SASK.	CANADA	37549	T	TBILISI	GEORGIA
94767	C	SYDNEY AIRPORT	AUSTRALIA	60475	C	TEBESSA	ALGERIA
23804	CT	SYKTYVKAR	RUSSIAN FEDERATION	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
89532	CT	SYOWA	JAPAN N	80478	C	TEMLADOR	VENEZUELA
72519	C	SYRACUSE/HANCOCK,NY.	USA	85743	C	TEMUCO	CHILE
12205	C	SZCZECIN	POLAND	60025	C	TENERIFESUR	SPAIN
12982	CT	SZEGED	HUNGARY	60015	C	TENERIFE/LOSRODEOS	SPAIN
63832	C	TABORA AIRPORT	U REP TANZANIA	60410	C	TENES	ALGERIA
65592	C	TABOU	COTE D'IVOIRE	56739	C	TENGCHONG	CHINA
40706	CT	TABRIZ	IRAN, ISLAMIC REP	94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA
40375	CT	TABUK	SAUDI ARABIA	83492	C	TEOFILO OTONI	BRAZIL
98550	C	TACLOBAN	PHILIPPINES	76373	C	TEPEHUANES,DGO	MEXICO
84782	C	TACNA	PERU	76556	C	TEPIC,NAY	MEXICO
47133	C	TAEJON	REP KOREA	82578	C	TERESINA	BRAZIL
98644	C	TAGBILARAN	PHILIPPINES	16232	C	TERMOLI	ITALY
83235	C	TAGUATINGA	BRAZIL	61202	C	TESSALIT	MALI
91938	CT	TAHITI-FAAA	FRENCH POLY.	60318	C	TETUAN/SANIARAMEL	MOROCCO
61043	C	TAHOUA	NIGER	48946	C	THAKHEK	LAO PDR
41036	C	TAIF	SAUDI ARABIA	71867	CT	THE PAS, MAN.	CANADA
45011	C	TAIPA	MACAU	16622	C	THESSALONIKI/MIKRA	GREECE
53772	C	TAIYUAN	CHINA	43371	CT	THIRUVANANTHAPURAM	INDIA
47891	C	TAKAMATSU	JAPAN	71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA
91943	C	TAKAROA	FRENCH POLY.	06011	CT	THORSHAVN	DENMARK & FAROE IS.
65467	C	TAKORADI	GHANA	41314	C	THUMRAIT	OMAN
84390	C	TALARA	PERU	60511	C	TIARET	ALGERIA
72214	C	TALLAHASSEE/MUN.,FL.	USA	61036	C	TILLABERY	NIGER
26038	C	TALLINN	ESTONIA	81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA
60680	C	TAMANRASSET	ALGERIA	60607	C	TIMIMOUN	ALGERIA
61687	C	TAMBACOUNDA	SENEGAL	15247	C	TIMISOARA	ROMANIA
38413	C	TAMDY	UZBEKISTAN	02366	C	TIMRA/MIDLANDA	SWEDEN
72211	C	TAMPA/INT.,FL.	USA	60656	C	TINDOUF	ALGERIA

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84534	C	TINGO MARIA	PERU	02972	C	TURKU	FINLAND
03100	C	TIREE	U KINGDOM	23472	CT	TURUHANSK	RUSSIAN FEDERATION
60395	C	TIZI-OUZOU	ALGERIA	48407	T	UBON RATCHATHANI	THAILAND
60531	C	TLEMCEN(ZENATA)	ALGERIA	06447	CT	UCCLE	BELGIUM
28275	C	TOBOL'SK	RUSSIAN FEDERATION	16044	T	UDINE/CAMPOFORMIDO	ITALY
47662	C	TOKYO	JAPAN	16045	C	UDINE/RIVOLTO	ITALY
08272	C	TOLEDO	SPAIN	48354	C	UDON THANI	THAILAND
72536	C	TOLEDO/EXPRESS,OH.	USA	44214	C	UGI	MONGOLIA
76675	C	TOLUCA,MEX	MEXICO	44292	C	ULAAN-BAATOR	MONGOLIA
61223	CT	TOMBOUCTOU	MALI	44212	C	ULAAN-GOM	MONGOLIA
71624	C	TORONTOPEARSON INT'L. AIRPO	CANADA	44272	C	ULIASTAI	MONGOLIA
76382	C	TORREON,COAH.	MEXICO	47115	C	ULLUNGDO	REP KOREA
08238	C	TORTOSA	SPAIN	44304	C	UNDERKHAAN	MONGOLIA
44225	C	TOSONTSENGEL	MONGOLIA	91652	C	UNDU POINT	FIJI
60555	C	TOUGGOURT	ALGERIA	76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO
94294	CT	TOWNSVILLEAERO	AUSTRALIA	68424	CT	UPINGTON	SOUTH AFRICA
16429	C	TRAPANI/BIRGI	ITALY	47426	C	URAKAWA	JAPAN
86500	C	TREINTA Y TRES	URUGUAY	51463	CT	URUMQI	CHINA
87828	C	TRELEW AERO	ARGENTINA	17188	C	USAK	TURKEY
87688	C	TRES ARROYOS	ARGENTINA	87938	C	USHUAIA AERO	ARGENTINA
83618	C	TRES LAGOAS	BRAZIL	30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION
16099	C	TREVISO/S. ANGELO	ITALY	25325	C	UST'-OLOJ	RUSSIAN FEDERATION
10609	C	TRIER-PETRISBERG	GERMANY	61995	T	VACOAS(MAURITIUS)	MAURITIUS
16110	C	TRIESTE	ITALY	85766	C	VALDIVIA	CHILE
43418	C	TRINCOMALEE	SRI LANKA	80472	C	VALENCIA	VENEZUELA
83650	T	TRINDADE(ILHA)	BRAZIL	08285	C	VALENCIA	SPAIN
85154	C	TRINIDAD	BOLIVIA	08284	C	VALENCIA/AEROPUERTO	SPAIN
40103	C	TRIPOLI	LEBANON	03953	CT	VALENTIA OBSERVATORY	IRELAND
62010	C	TRIPOLI INTERNATIONALAIRPOR	LIBYAN ARAB JAMAHIR	80426	C	VALERA	VENEZUELA
01025	C	TROMSO/LANGNES	NORWAY	08141	C	VALLADOLID	SPAIN
84501	C	TRUJILLO	PERU	08140	C	VALLADOLID/VILLANBULA	SPAIN
91334	C	TRUK,CAROLINEIS.	USA	80434	C	VALLE DE LA PASCUA	VENEZUELA
44282	C	TSETSERLEG	MONGOLIA	03302	C	VALLEY	U KINGDOM
44347	C	TSOGT-OVOO	MONGOLIA	17170	C	VAN	TURKEY
91954	C	TUBUAI	FRENCH POLY.	71892	C	VANCOUVER INT. AIR- PORT, B.	CANADA
72274	C	TUCSON/INT.,AZ.	USA	01098	C	VARDO	NORWAY
87121	C	TUCUMAN AERO	ARGENTINA	15552	C	VARNA	BULGARIA
98233	C	TUGUEGARAO	PHILIPPINES	26477	C	VELIKIE LUKI	RUSSIAN FEDERATION
67161	C	TULEAR	MADAGASCAR	26314	C	VENTSPILS	LATVIA
84370	C	TUMBES	PERU	83264	C	VERA (GLEBA CELESTE)	BRAZIL
80453	C	TUMEREMO	VENEZUELA	42909	C	VERAVAL	INDIA
60715	CT	TUNIS-CARTHAGE	TUNISIA	24266	C	VERHOJANSK	RUSSIAN FEDERATION
24507	C	TURA	RUSSIAN FEDERATION	16090	C	VERONA/VILLA FRANCA	ITALY
40356	C	TURAIF	SAUDI ARABIA	15280	C	VF. OMU	ROMANIA

STATION LIST RECENT DATA

72255	C	VICTORIA/VICTORIAREG., TX.	USA	94299	CT	WILLIS ISLAND	AUSTRALIA
87791	C	VIEDMA AERO	ARGENTINA	72767	C	WILLISTON/SLOULINFIELD, ND.	USA
48940	C	VIENTIANE	LAO PDR	72583	C	WINNEMUCCA/MUN.,NV.	USA
08045	C	VIGO/PEINADOR	SPAIN	71852	C	WINNIPEG INT.AIRPORTMAN.	CANADA
83208	C	VILHENA	BRAZIL	12497	C	WLODAWA	POLAND
24641	C	VILJUJSK	RUSSIAN FEDERATION	12425	T	WROCLAWI	POLAND
60096	C	VILLA CISNEROS	WESTERN SAHARA	12424	C	WROCLAWII	POLAND
87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA	57036	C	XI'AN	CHINA
87328	C	VILLA DOLORES AERO	ARGENTINA	56571	C	XICHANG	CHINA
87448	C	VILLA REYNOLDS AERO	ARGENTINA	72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA
11212	C	VILLACHERALPE	AUSTRIA	70361	CT	YAKUTAT	USA
76743	C	VILLAHERMOSA,TAB	MEXICO	64661	C	YALINGA	CENTRAL AFRICAN REP
86233	C	VILLARRICA	PARAGUAY	54292	C	YANJI	CHINA
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA	91413	C	YAP, CAROLINEIS.	USA
26730	C	VILNIUS	LITHUANIA	71603	CT	YARMOUTH,N.S.	CANADA
02590	C	VISBY FLYGPLATS	SWEDEN	62008	C	YEFREN	LIBYAN ARAB JAMAHIR
43149	C	VISHAKHAPATNAM	INDIA	40439	C	YENBO	SAUDI ARABIA
30054	C	VITIM	RUSSIAN FEDERATION	57461	C	YICHANG	CHINA
08080	C	VITORIA	SPAIN	53614	C	YINCHUAN	CHINA
83648	C	VITORIA	BRAZIL	51431	C	YINING	CHINA
83344	C	VITORIA DA CONQUISTA	BRAZIL	65167	C	YOLA	NIGERIA
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	47744	T	YONAGO	JAPAN
27037	C	VOLOGDA	RUSSIAN FEDERATION	47168	C	YOSU	REP KOREA
89606	C	VOSTOK	USSR N	72525	C	YOUNGSTOWN,OH.	USA
22837	C	VYTEGRA	RUSSIAN FEDERATION	84425	C	YURIMAGUAS	PERU
72256	C	WACO,MADISON-COOPER,TX.	USA	98836	C	ZAMBOANGA	PHILIPPINES
62751	C	WAD MEDANI	SUDAN	08130	C	ZAMORA	SPAIN
03377	C	WADDINGTON	U KINGDOM	44358	C	ZAMYN-UUD	MONGOLIA
41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA	81225	C	ZANDERIJ	SURINAME
62600	C	WADI HALFA	SUDAN	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
94910	CT	WAGGA AIRPORT	AUSTRALIA	57083	C	ZHENGZHOU	CHINA
47600	CT	WAJIMA	JAPAN	57745	C	ZHIJIANG	CHINA
47401	CT	WAKKANAI	JAPAN	41620	C	ZHOB	PAKISTAN
12375	C	WARSZAWA-OKECIE	POLAND	61695	C	ZIGUINCHOR	SENEGAL
72405	C	WASHINGTON/NAT.,VA.	USA	61090	C	ZINDER	NIGER
71953	C	WATSONLAKE,Y.T.	CANADA	17022	C	ZONGULDAK	TURKEY
40400	C	WEJH	SAUDI ARABIA	61404	C	ZOUERATE	MAURITANIA
72203	C	WEST PALM BEACH/INT.,FL.	USA	62007	C	ZUARA	LIBYAN ARAB JAMAHIR
71964	CT	WHITEHORSE,UA, Y.T.	CANADA	10961	C	ZUGSPITZE	GERMANY
72351	C	WICHITA FALLS/SHEPS AFB TX	USA	06660	C	ZURICH(TOWN/VILLE).	SWITZERLAND
61902	C	WIDE AWAKE FIELD (ASCENSION	OCEAN ISLANDS	25400	C	ZYRJANKA	RUSSIAN FEDERATION
11035	CT	WIEN/HOHEWARTE	AUSTRIA				
72513	C	WILKES-BARRE-SCRANTONPA.	USA				
94776	CT	WILLIAMTOWNAERODROME	AUSTRALIA				