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MONTHLY

CLIMATIC

DATA

FOR THE WORLD

PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION

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

A handwritten signature in cursive script, reading "Thomas R. Karl".

Director  
National Climatic Data Center

**noaa**

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Oceanic and  
Atmospheric Administration

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Environmental Satellite, Data  
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National  
Climatic Data Center  
Asheville, North Carolina

## PREFACE

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

## REFERENCE NOTES

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

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

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

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

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

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

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

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

## **SURFACE DATA TABLES**

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

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

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

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

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

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

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

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

## **UPPER AIR DATA TABLES**

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

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

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

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

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# SURFACE

## OCTOBER 2002

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	
<b>EUROPE</b>																
<b>NORWAY</b>																
01001	JAN MAYEN	7056N	00840W	9	1016.4	1017.6	2.7	2.6	6.3	1.1	12	42	-40	1		
01008	SVALBARD LUFTHAVN	7815N	01528E	29	1015.2	1018.3	-3.0	2.5	4.1	.6	5	26	13	5		
01025	TROMSO/LANGNES	6941N	01855E	10	1013.8	1014.9	.6	-2.6	5.1	-1.2	10	65	-64	2		
01028	BJORNOYA	7431N	01901E	16	1014.0	1016.2	.3	.8	5.4	.1	8	27	-17	2		
01098	VARDO	7022N	03106E	15	1010.4	1012.3	2.3	-1	5.9	-4	15	84	26	5		
01152	BODO VI	6715N	01422E	20	1011.9	1013.5	2.4	-2.9	4.9	-2.1	7	34	-113	1	165	
01241	ORLAND III	6342N	00936E	7	1009.4	1010.7	4.3	-2.6	6.1	-2.3	13	96	-35	2		
01317	BERGEN/FLORIDA	6023N	00520E	36	1005.0	1010.5	6.2	-2.5	7.5	-1.5	14	175	-96	1		
01384	OSLO/GARDERMOEN	6012N	01105E	204	987.8	1013.0	1.9	-2.8	5.9	-1.3	11	94	-6	3		
01415	STAVANGER/SOLA	5853N	00538E	9	1009.6	1010.6	6.7	-2.1	7.2	-2.1	16	103	-45	2		
<b>SWEDEN</b>																
02080	KARESUANDO	6826N	02230E	325	974.4	1015.7	-3.9	-2.3	4.2	-.9	7	21	-23	1	79	
02128	GUNNARN	6458N	01742E	281	980.3	1015.6	-1.1	-2.8	5.0	-1.0	10	50	4	4		
02196	HAPARANDA	6550N	02409E	6	1014.3	1015.1	-1.3	-3.8	4.9	-1.6	9	22	-42	0	73	
02226	FROSON	6312N	01430E	360	967.7	1014.2	.2	-3.6	5.4	-1.4	8	35	-2	3	81	
02366	TIMRA/MIDLANDA	6231N	01727E	7	1013.4	1013.9	1.2	-3.3	5.7	-1.4	9	41	-11	3		
02418	KARLSTAD FLYGPLATS	5922N	01328E	50	999.6	1012.9	3.5	-3.0	6.3	-2.2	6	55	-12	3	87	93
02512	GOTEBORG/SAVE	5747N	01153E	16	1009.0	1011.7	4.8	-3.7	7.9	-1.7	12	81	-3	3	61	65
02550	JONKOPING/AXAMO	5745N	01405E	218	984.2	1011.9	3.2	-3.2	6.9	-1.5	12	96	33	4		
02590	VISBY FLYGPLATS	5740N	01821E	41	1005.2	1011.5	5.2	-2.9	7.3	-2.3	13	54	4	3	75	71
<b>FINLAND</b>																
02801	KILPISJARVI	6903N	02047E	476	956.9	1016.5	-3.5		4.1		5	18		1		
02805	KEVO	6945N	02702E	101	1001.8	1014.5	-1.6		4.9		6	23		1	39	
02836	SODANKYLA	6722N	02639E	179	992.8	1015.3	-2.5	-2.3	4.6		7	22	-29	1	65	
02869	KUUSAMO	6558N	02911E	263	981.9	1015.1	-2.6	-2.7	4.5		7	15	-37	0		
02875	OULU	6456N	02522E	15	1013.3	1015.2	-.8	-3.8	4.8		1	7	-35	0		
02897	KAJAANI	6417N	02741E	136	998.1	1014.9	-2.1	-4.5	4.4		4	9	-36	0		
02929	JOENSUU	6240N	02938E	117	999.1	1014.1	-.7	-3.9	4.9		4	11	-48	0		
02935	JYVASKYLA	6224N	02541E	145	996.7	1014.3	-1.6	-5.0	4.7		5	14	-42	0	83	
02942	NIINISALO	6151N	02228E	136	998.5	1014.2	-.5	-4.5	4.8		5	30	-24	1		
02963	JOKIOINEN	6049N	02330E	103	1000.6	1013.6	-.4	-5.1	4.9		8	26	-32	1	104	128
02972	TURKU	6031N	02216E	59	1006.0	1013.4	.6	-5.1	5.0		6	31	-38	1	119	132
02974	HELSINKI-VANTAA	6019N	02458E	56	1006.2	1013.3	.6	-4.8	4.8		6	37	-36	2	101	113
<b>UNITED KINGDOM</b>																
03005	LERWICK	6008N	00111W	84	1000.0	1010.0	7.4	-.8	8.1		24	94	-40	1	88	147
03026	STORNOWAY	5813N	00619W	13	1007.9	1009.8	8.8	-.3	9.4		17	76	-62	1	65	81
03066	KINLOSS	5739N	00334W	7	1009.7	1010.3	8.3	-1.1	8.8		14	112	56	5	88	105
03091	ABERDEEN/DYCE AIRPORT	5712N	00213W	65	1002.4	1010.3	8.2	-.8	8.5		22	230	153	6	99	106
03100	TIREE	5630N	00653W	12	1008.3	1009.4	9.4	-.9	9.9		19	119	-23	2	68	87
03162	ESKDALEMUIR	5519N	00312W	242	981.3	1010.7	6.9	-1.2	8.7		18	231	67	5	85	116
03257	LEEMING	5418N	00132W	40	1006.4	1010.3	9.0	-1.0	9.5		15	99	48	5	80	88

## SURFACE

OCTOBER 2002

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 <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
03302 VALLEY	5315N	00432W	11		1008.5	1009.7	10.9	-.6	10.6		16	161	70	5	96	93
03334 MANCHESTER AIRPORT	5321N	00217W	68		1001.7	1010.1	10.1	-.5	9.8		15	111	34	5	92	95
03377 WADDINGTON	5310N	00031W	68		1002.1	1010.4	9.7	-.6	9.9		13	79	32	5	81	79
03502 ABERPORTH	5208N	00434W	133		993.9	1010.0	10.9	-.1	10.9		16	141	40	4	91	94
03740 LYNEHAM	5130N	00159W	145		993.2	1010.7	10.6	.2	10.3		15	122	58	5	113	113
03797 MANSTON	5121N	00121E	55		1005.9	1011.2	11.4	-.2	11.6		11	49	-13	3	99	84
03808 CAMBORNE	5013N	00519W	88		1000.1	1010.5	12.2		12.1		20	139		3	81	75
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1009.7	1010.9	11.2	.2	11.3		15	105	25	4	117	106
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1001.7	1010.0	9.1	-.8	10.1		16	162	74	5	84	99
<b>IRELAND</b>																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1005.9	1009.5	11.3	-.5	11.5	-.3	23	239	82	5	108	135
03955 CORK AIRPORT	5151N	00829W	162		990.2	1009.7	10.2	-.1	11.1	-.2	18	214	88	5	104	115
03957 ROSSLARE	5215N	00620W	25		1006.7	1009.7	11.6	.1	11.7	.0	17	283	188	6	110	105
03962 SHANNON AIRPORT	5242N	00855W	20		1007.0	1009.4	10.8	-.3	11.3	-.1	14	130	37	5	109	130
03967 CASEMENT AERODROME	5318N	00626W	93		998.4	1009.7	9.7		10.7		14	179			98	100
03969 DUBLIN AIRPORT	5326N	00615W	85		999.5	1009.9	9.5	-1.1	10.3	-.5	14	181	111	6	100	100
03973 CONNAUGHT AIRPORT	5345N	00849W	209		984.1	1009.4	8.5		9.9		17	180			106	
03976 BELMULLET	5414N	01000W	10		1007.9	1009.1	10.4	-.6	11.0	-.2	21	169	35	4	116	140
03980 MALIN HEAD	5522N	00720W	25		1006.2	1009.2	10.1	-.7	10.4	-.4	23	145	26	4	76	100
<b>ICELAND</b>																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		1004.2	1010.3	5.0		7.4		14	118		3		
04030 REYKJAVIK	6408N	02156W	61		1002.9	1010.4	4.9	.5			10	69	-16	2	135	
04063 AKUREYRI	6541N	01805W	27		1009.6	1013.0	4.0	1.0	7.5	1.2	12	51	-7	3	44	
04082 AKURNES	6418N	01513W	21		1009.1	1011.7	5.5		7.6		14	353		6		
<b>GREENLAND</b>																
04210 UPERNAVIK	7247N	05610W	122			1014.9										
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1014.0	-.7	1.5	4.2		3	6	-22			
04250 NUUK (GODTHAAB)	6410N	05145W	70			1013.1	-.4	.2	4.4		5	11	-59			
04312 STATION NORD AWS	8136N	01641W	36			1018.6			2.0		3	10				
04320 DANMARKSHAVN	7646N	01840W	12			1020.6			2.7		2	5	-7			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1020.3	-1.0		5.0		10	82	62			
04360 TASIILAQ (AMASSALIK)	6536N	03738W	52			1013.3	1.0	1.8	5.3		11	134	48			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1006.6	2.0	.9	4.8		10	122	-94			
<b>DENMARK &amp; FAROE IS.</b>																
06011 THORSHAVN	6201N	00646W	55			1010.4	7.0	-.5	8.6		24	80	-97			
06030 AALBORG	5706N	00951E	13			1011.0	6.9	-2.0	8.3		11	70				
06186 KOEBENHAVN/LANDBOHOEJTSKOLEN	5541N	01233E	7			1010.9	7.4		9.0		12	105				
06190 ROENNE	5504N	01445E	16			1010.7	8.4	-1.6	10.2		18	112				
<b>NETHERLANDS</b>																
06235 DE KOOY	5255N	00447E	14		1010.5	1010.6	10.0	-1.3	10.3	-1.1	18	90	6	4	119	121
06260 DE BILT	5206N	00511E	15		1011.0	1011.3	9.5	-1.0	10.3	-.8	16	91	17	4	122	118
<b>BELGIUM</b>																
06447 UCCLLE	5048N	00421E	104		1000.2	1012.3	10.5	.1	10.9	-.5	14	105	35	4	90	79

## SURFACE

OCTOBER 2002

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	
<b>LUXEMBOURG</b>																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		969.2	1014.2	9.2		9.8		14	142	68	5	98	91
<b>SWITZERLAND</b>																
06660 ZURICH (TOWN/VILLE).	4723N	00834E	569		949.2	1016.0	10.1	1.0	9.8	.1		128	59	5	119	114
<b>06680 SAENTIS</b>	4715N	00921E	2500		749.4	3044 Z	.0	-1.0	4.6	.3		322	151	5	112	60
06700 GENEVE-COINTRIN	4615N	00608E	416		967.7	1016.8	11.6	1.7	10.5	.8		138	65	5	139	122
06770 LUGANO	4600N	00858E	276		983.3	1015.9	13.5	1.6	11.1	.4		66	-80	2	158	104
<b>FRANCE</b>																
07005 ABBEVILLE	5008N	00150E	77		1002.8	1012.1	11.1		11.3		13	73			108	90
07015 LILLE	5034N	00306E	52		1006.4	1011.9	10.9		11.0		10	51			102	85
07020 LA HAGUE	4943N	00156E	9		1009.5	1011.1	14.0		13.1		11	65				
07027 CAEN	4911N	00027W	78		1004.1	1012.1	12.2		12.1		15	76	9	4	119	94
07037 ROUEN	4923N	00111E	157		994.4	1012.6	10.9		11.5		13	77			99	90
07070 REIMS	4918N	00402E	99		1002.0	1013.2	11.1		10.8		9	57			107	95
07100 OUESSANT	4828N	00508W	35		1003.1	1011.2	13.3		13.6		15	99				
07110 BREST	4827N	00425W	99		1000.5	1011.8	12.6	.4	12.8		21	142	32	4	105	85
07117 PLOUMANACH	4850N	00328W	71		1004.7	1011.6	13.3		12.9		19	106				
<b>07130 RENNES</b>	4804N	00144W	37		1007.4	1012.6	12.9		12.6		15	134			123	105
07139 ALENCON	4827N	00007E	144		995.6	1012.7	11.7		11.8		16	157			125	110
07149 PARIS-ORLY	4844N	00224E	96		1002.5	1013.2	12.1		11.5		9	69				
07180 NANCY/ESSEY	4841N	00613E	217		989.0	1014.4	10.7	.8	10.5		13	88	29	5	101	94
<b>07190 STRASBOURG</b>	4833N	00738E	154		996.2	1014.6	10.9	.8	11.0		12	80	37	5	95	94
07207 LE TALUT	4718N	00313W	43		1008.1	1013.3	14.2		14.0		18	120				
07222 NANTES	4710N	00136W	27		1010.1	1013.2	13.4	.7	12.8		14	110	31	4	116	83
07255 BOURGES	4704N	00222E	166		994.8	1014.5	12.2	.5	11.8		11	75	16	5	126	95
07265 AUXERRE	4748N	00333E	212		989.0	1014.3	11.9		11.3		10	83			123	110
07280 DIJON	4716N	00505E	227		988.2	1015.2	11.1	.2	10.9		12	60	3	4	130	107
07299 BALE-MILHOUSE	4736N	00731E	271		982.9	1015.5	10.5		10.7		14	127			113	105
07314 CHASSIRON	4602N	00125W	22		1011.4	1014.1	15.2		14.4		11	67				
07335 POITIERS	4635N	00019E	129		999.9	1014.3	12.8		12.5		11	91			123	100
07434 LIMOGES	4552N	00111E	402		967.6	1015.1	12.0		11.5		13	76			124	100
07460 CLERMONT-FERRAND	4547N	00310E	332		976.3	1015.1	12.8		11.0		6	25			140	115
07471 LE BUY	4505N	00346E	833		920.1		9.2		9.6		7	52			143	125
07481 LYON/SATOLAS	4544N	00505E	248		987.4	1015.8	13.1		11.8		12	77			116	100
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1008.5	1015.0	15.0		13.7		14	74	-13	3	133	95
07535 GOURDON	4445N	00124E	264		984.7	1015.5	13.5		12.7		15	85			135	100
07558 MILLAU	4407N	00301E	720		933.0	1016.0	11.4		10.9		10	81			147	115
07560 MONT AIGOUAL	4407N	00335E	1567		842.4		6.5		8.2		15	372		6		
07591 EMBRUN	4434N	00630E	876		915.3		10.6		8.4		9	91			151	85
07607 MONT-DE-MARSAN	4355N	00030W	63		1008.7	1015.6	14.7		14.0		13	75			136	100
<b>07630 TOULOUSE/BLAGNAC</b>	4338N	00122E	153		997.1	1015.9	14.8		13.4		11	78	27	4	154	110
07643 MONTPELLIER	4335N	00358E	6		1014.6	1015.5	16.1		13.4		6	219			178	105
07661 CAP CEPET	4305N	00556E	136		998.7	1014.7	16.5		14.0		3	150				
07690 NICE	4339N	00712E	10		1011.2	1014.4	16.4		13.9		6	124		4	200	115
07747 PERPIGNAN	4244N	00252E	48		1009.8	1015.3	16.6		13.5		5	68	-21	3	187	115
07761 AJACCIO	4155N	00848E	9		1014.7	1015.7	16.4		14.7		4	133	46	4	205	105

## SURFACE

OCTOBER 2002

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	
07790 BASTIA	4233N	00929E	12		1013.6	1015.0	17.1		13.9		7	112			193	110
<b>SPAIN</b>																
08001 LA CORUNA	4322N	00825W	67		1006.0	1013.9	17.1	1.4	15.0	.8	16	269	165	5	154	99
08015 OVIEDO	4321N	00552W	339		974.3	1013.8	15.5	1.4	13.5	1.1	12	82	-11	3	152	113
08023 SANTANDER	4328N	00348W	59		1008.1	1015.1	16.9	.8	15.1	1.3	10	61	-66	2	158	119
<b>08027 SAN SEBASTIAN/IGUELDO</b>	4318N	00203W	259		984.8	1015.1	16.1	.9	13.4	.2	12	176	36	4		
08045 VIGO/PEINADOR	4213N	00838W	255		986.3	1016.6	15.7	.8	15.6	1.7	18	333	130	5	118	76
08075 BURGOS/VILLAFRIA	4222N	00338W	891		915.4	1507 Y	12.4	1.3	11.1	.6	13	117	72	5	132	83
08084 LOGRONO/AGONCILLO	4227N	00220W	363		974.1	1016.5	14.8	.4	12.1	.4	8	44	16	5	160	92
08141 VALLADOLID	4139N	00446W	739		931.8	1016.0	13.5	.5	11.7	1.6	10	81	46	5	149	81
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		986.0	1016.2	16.1	.7	12.5	.0	5	42	13	4	201	103
<b>08181 BARCELONA/AEROPUERTO</b>	4117N	00204E	6		1015.5	1016.1	18.6	1.5	16.1	1.0	4	182	89	5	202	112
08184 GERONA/COSTA BRAVA	4154N	00246E	129		999.6	1014.7	16.8	1.4	14.7	.9	6	108	29	4	190	112
<b>08202 SALAMANCA/MATACAN</b>	4057N	00530W	795		926.7	1017.3	13.5	1.2	12.1	1.1	5	41	5	4	157	84
08221 MADRID/BARAJAS	4027N	00333W	582		950.3	1017.4	14.4	-.1	11.6	.5	6	56	19	4	185	91
08238 TORTOSA	4049N	00030E	50		1009.4	1015.2	19.1	.7	15.3	.5	4	41	-51	2	214	112
08261 CACERES	3928N	00620W	405		971.8	1018.7	17.2	.0	14.6	3.2	9	63	12	4	178	85
<b>08280 ALBACETE/LOS LLANOS</b>	3857N	00151W	704		937.8	1018.0	15.2	1.1	12.2	.6	4	38	-2	3	200	99
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1008.8	1016.2	19.7	1.5	14.7	.0	4	38	-48	3	220	110
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1016.2	1016.8	18.1	.5	17.1	.5	5	30	-32	2	219	105
08314 MENORCA/MAHON	3952N	00414E	82		1006.3	1016.4	19.4	.9	16.9	.5	6	97	14	4	217	112
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		995.0	1016.5	18.7	1.3	15.8	2.3	8	42	-15	3	176	83
08348 CIUDAD REAL	3859N	00355W	629		945.7	1017.6	16.1	1.3	13.3	1.2	6	38	-4	3	177	89
08359 ALICANTE	3822N	00030W	82		1007.1	1016.7	19.9	.7	16.0	.5	2	9	-57	1	221	99
08373 IBIZA/ES CODOLA	3852N	00123E	12		1014.7	1016.7	20.3	.6	17.2	-.1	4	47	-19	3	237	115
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1013.1	1016.7	20.7		16.0		3	14	2	204	90	
<b>08410 CORDOBA/AEROPUERTO</b>	3751N	00451W	92		1007.5	1018.2	19.1	.6	16.0	1.8	8	42	-26	3	206	102
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1016.5	1016.8	20.1	1.4	17.9	1.3	2	3	-56	1	203	107
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1014.8	1018.0	19.7	.5	16.0	.5	3	7	-54	2	219	97
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1017.2	1018.0	20.3	1.2	16.8	1.3	4	21	-33	2	229	108
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1013.9	1016.3	20.3	.4	15.6	-.7	1	1	-27	2		
<b>GIBRALTAR</b>																
08495 GIBRALTAR	3609N	00521W	5		1017.4	1018.0	19.9				5	204		5	197	90
<b>PORTUGAL</b>																
<b>08506 HORTA (ACORES)</b>	3831N	02838W	62		1008.0	1015.3	17.6	-1.3	16.0	-1.5	18	170	70	5		
<b>08513 PONTA DELGADA/(OBS.)</b>	3745N	02540W	36		1012.2	1016.5	18.5	-.5	21.3	3.2	16	183	70	5		
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1004.8	1016.5	18.9	-.4	17.9	.5	12	100	16	4		
<b>08535 LISBOA/GEOP</b>	3843N	00909W	95		1005.4	1019.0			18.3	3.0	12	104	24	4	147	69
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1004.3	1016.1	17.1	.9	16.1	1.4	16	242	111	5	147	80
08558 EVORA/C. COORD	3832N	00754W	246		988.5	1017.5	17.0		15.5		10	49			165	
08575 BRAGANCA	4148N	00644W	692		937.0	1017.5	13.1	.0	12.9	2.0	12	100	30	4	152	83
<b>GERMANY</b>																
10035 SCHLESWIG	5432N	00933E	48		1004.9	1010.8	7.5	-1.9	9.1	-1.3	15	126	36	4	88	91
10055 WESTERMARKELSDORF	5432N	01104E	9		1009.8	1010.8	8.9		9.6		14	87			89	80
10091 ARKONA	5441N	01326E	42		1005.5	1010.6	8.8		9.4		17	125			76	70

## SURFACE

OCTOBER 2002

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	
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	15		1009.3	1011.1	8.0	-1.7	9.3	-1.1	15	126	63	5	91	91
10162 SCHWERIN	5339N	01123E	68		1002.9	1011.2	7.8		9.2		13	91		5	98	95
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1009.2	1010.6	8.5	-1.4	9.4	-1.2	13	88	46	5	77	74
10184 GREIFSWALD	5406N	01324E	6		1010.2	1010.9	7.9		9.3		16	76		5	81	70
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1010.0	1010.6	8.4		9.6		17	105			117	115
10270 NEURUPPIN	5254N	01249E	39		1006.2	1011.7	8.1		9.7		13	95		6	99	100
10291 ANGERMUENDE	5302N	01400E	35		1004.9	1011.6	7.6		9.2		16	73			94	85
10338 HANNOVER	5228N	00941E	59		1005.2	1012.0	8.5	-1.2	9.4	-1.0	13	87	45	5	107	106
10361 MAGDEBURG	5208N	01136E	85		1002.1	1012.4	8.3		9.1		15	59		5	106	95
10379 POTSDAM	5223N	01304E	100		1000.3	1012.5	8.0	-1.4	9.6	-.5	13	70	34	5	101	89
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1006.1	1012.1	8.4		9.6		17	107			96	85
10393 LINDENBERG	5213N	01407E	104		1000.0	1012.6	8.0	-1.3	9.1	-.7	17	91	52	5	97	84
10410 ESSEN	5124N	00658E	161		992.7	1012.1	9.5	-1.2	9.7	-1.0	14	92	22	4	88	79
10453 BROCKEN	5148N	01037E	1153		878.7	1419 Y	2.1		6.9		20	245			44	40
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		996.6	1013.0	8.6		9.5		13	46		4	106	100
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		985.4	1013.4	8.4		9.0		17	82			84	65
10499 GOERLITZ	5110N	01457E	240		984.3	1013.0	8.0	-1.2	8.9	-.7	15	68	23	5	72	57
10548 MEININGEN	5034N	01023E	453		959.7	1013.8	7.3		9.2		15	120		6	88	85
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		974.5	1013.1	7.8		9.2		13	64			82	70
10578 FICHTELBERG	5026N	01257E	1215		874.4	1442 Y	2.2	-2.3	7.0	-.2	20	124	54	5	40	31
10609 TRIER-PETRISBERG	4945N	00640E	273		981.1	1013.8	9.8	.0	10.6	.3	17	109	44	5	73	71
10628 GEISENHEIM	4959N	00757E	123		999.0	1013.9	10.2	.2	10.1	-.2	15	91	49	5	84	87
10727 KARLSRUHE	4902N	00822E	145		997.0	1014.4	11.1	.7	11.5	.9	15	90	32	5	94	84
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		968.4	1014.9	9.5		19.0		16	96		5	101	75
10763 NUERNBERG	4930N	01103E	318		976.9	1015.0	8.8	-.2	9.7	.3	17	99	54	5	77	63
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		962.8		8.9	.7	9.7	.6	16	92	43	5	96	81
10929 KONSTANZ	4741N	00911E	447		962.7	1015.5	10.0	.3	10.7	.4	16	99	45	5	100	101
10946 KEMPTEN	4743N	01020E	705		933.0	1015.3	8.3		9.4		16	99			111	75
10961 ZUGSPITZE	4725N	01059E	2962		706.7	3038 Z	-3.3	-1.2	3.7	.0	15	161	52	4	135	72
10962 HOHENPEIßENBERG	4748N	01101E	986		901.8	1471 Y	7.6	-.4	8.0	-.5	14	82	11	4	117	78
<b>AUSTRIA</b>																
11028 ST. POELTEN	4811N	01537E	284		981.5	1015.7	8.3		9.7	.2	7	69	32	4	111	87
11035 WIEN/HOHE WARTE	4814N	01621E	209		990.2	1015.2	9.1		9.6	-.2	15	92	51	4	98	72
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		946.0	1015.8	8.9		9.0		8	60		3	142	95
11146 SONNBLICK	4703N	01257E	3111		694.9	3061 Z	-4.2		3.7	-.1	16	118	-12	3	139	79
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		962.7	1016.2	9.0		8.8	-.7	13	120	53	4	114	81
11155 FEUERKOGEL	4749N	01344E	1621		834.2	1467 Y	4.3		6.6		16	217		4	108	70
11212 VILLACHERALPE	4636N	01340E	2160		782.7	1487 Y	1.8		5.9		13	129		3	123	75
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		960.3	1016.8	9.1		9.7	.3	9	96	25	4	151	114
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		972.2	1015.5	9.7		9.7	-.2	10	92	34	4	146	108
<b>CZECH REPUBLIC</b>																
11423 PRIMDA	4940N	01240E	748		927.1		5.4		8.7		20	103		5	59	50
11464 MILESOVKA	5033N	01356E	836		915.9		3.7		7.5		12	59		5	77	55
11487 KOCELOVICE	4928N	01350E	522		952.9	1015.0	6.8		8.7		19	92		6	81	70
11518 PRAHA/RUZYNE	5006N	01415E	380		970.7	1014.5	7.8	-.5	8.8	-.2	12	38	8	4	85	71
11520 PRAHA-LIBUS	5000N	01427E	303		978.2	1014.7	8.0		9.1		14	42		4	92	80
11603 LIBEREC	5046N	01501E	399		965.9	1014.1	6.8		8.7		17	104			61	



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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	
11659 PRIBYSLAV	4935N	01546E	536		951.6	1015.6	6.1		8.6		16	69		5	70	55
11723 BRNO/TURANY	4910N	01642E	246		985.7	1015.5	7.7	-1.4	8.8	-0.3	16	72	42	5	89	72
11782 OSTRAVA/MOSNOV	4941N	01807E	260		983.6	1015.1	7.6	-1.3	8.8	-0.4	10	69	27	5	81	69
<b>SLOVAKIA</b>																
11903 SLIAC	4839N	01909E	315		977.7	1015.6	7.4	-1.0	8.6	-0.3	17	89	39	5	69	57
11934 POPRAD/TATRY	4904N	02015E	695		933.0		5.5	-1.2	7.2	-0.4	17	103	65	5	109	69
<b>POLAND</b>																
12120 LEBA	5445N	01732E	2		1009.7	1010.4	7.6		9.1		23	168		5	56	
12160 ELBLAG	5410N	01926E	43		1005.7	1011.0	6.9		8.9		23	138		5	55	55
12205 SZCZECIN	5324N	01437E	3		1011.0	1011.8	7.7	-1.5	9.4	-0.7	15	104	66	6	88	95
12295 BIALYSTOK	5306N	02310E	151		993.6	1012.1	6.2	-1.0	8.3	-0.7	17	118	72	5	49	50
12330 POZNAN	5225N	01650E	92		1001.7	1012.4	7.4	-1.4	9.1	-0.5	16	100	61	5	91	89
12375 WARSZAWA-OKECIE	5210N	02058E	107		999.7	1012.7	7.2	-1.0	9.1	-0.3	15	64	27	5	88	75
12424 WROCLAW II	5106N	01653E	121		998.5	1013.7	8.2	-0.7	8.9	-0.9	15	47	7	4	67	62
12497 WLODAWA	5133N	02332E	179		991.6	1013.5	7.0		8.7		21	94		5	85	75
12566 KRAKOW	5005N	01948E	237		985.7	1014.7	7.7	-0.6	8.8	-0.6	19	84	38	5	70	68
<b>HUNGARY</b>																
12843 BUDAPEST/LORINC	4726N	01911E	139		999.0	1015.8	10.1	-0.9	9.6	-0.4	10	49	16	5	98	63
12882 DEBRECEN	4729N	02136E	109		1002.4	1015.5	9.9	-0.4	9.9	0.0	5	39	8	5	119	74
12942 PECS/POGANY	4606N	01814E	203		991.8	1016.1	11.5	0.2	10.4	0.4	11	47	10	4	145	88
12982 SZEGED	4615N	02006E	83		1006.2	1016.2	11.3	0.3	10.6	0.8	9	32	6	4	139	82
<b>SLOVENIA</b>																
14008 KREDARICA	4623N	01351E	2515		748.6		0.4		4.7		14	264		4	125	80
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		980.9	1016.2	11.5		11.0		12	188		5	109	90
<b>CROATIA</b>																
14236 ZAGREB/GRIC	4549N	01559E	162		996.2	1015.6	11.2		10.9		10	108		5	122	90
14445 SPLIT/MARJAN	4331N	01626E	128		999.9	1015.0	17.1		12.5		6	72		3	205	100
<b>BOSNIA AND HERZGOVINA</b>																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		943.0	1017.2	11.2	0.8	9.4	0.1	14	122	45	5	140	95
<b>YUGOSLAVIA</b>																
13274 BEOGRAD	4448N	02028E	132		1000.8	1016.6	13.2	0.8	10.9	0.7	11	88	48	4	147	88
13463 PODGORICA-GRAD	4226N	01917E	50		1011.8	1017.8	15.9		12.6		9	124		3	169	80
<b>ROMANIA</b>																
15085 BISTRITA	4708N	02430E	367		972.3	1016.3	8.8	0.8	9.5	0.6	14	73	32	5	123	74
15090 IASI	4710N	02738E	104		1003.5	1016.1	9.6	-0.4	8.9	-0.8	8	61	36	5	134	86
15120 CLUJ-NAPOCA	4647N	02334E	413		967.1	1015.9	9.7	1.2	8.9	-0.3	11	38	7	4	157	95
15247 TIMISOARA	4546N	02115E	88		1005.5	1016.2	11.4	0.4	10.4	0.1	10	53	14	4	131	74
15260 SIBIU	4548N	02409E	444		963.4		9.5	0.6	9.1	-0.1	8	30	-12	3	136	85
15360 SULINA	4509N	02940E	9		1014.8	1015.5	13.9	0.8	13.8	1.0	3	5	-11	1	161	98
15420 BUCURESTI/IMH	4430N	02608E	91		1004.1	1015.1	9.9	-0.9	9.8	-0.5	5	85	53	5	135	76
15480 CONSTANTA	4413N	02838E	14		1015.7	1017.3	13.7	0.6	14.1	1.6	3	65	34	5	145	80

# 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	
<b>BULGARIA</b>																
15552 VARNA	4312N	02755E	43		1010.9	1016.1	13.8	.4	12.3	.4	5	37	1	4	149	91
15614 SOFIA (OBSERV.)	4239N	02323E	595		948.2	1017.8	10.7	.0	10.0	1.0	10	78	43	5	160	94
<b>ITALY</b>																
16045 UDINE/RIVOLTO	4559N	01302E	53		1008.9	1015.2	14.5		12.8		9	150	26	4	90	69
16325 MARINA DI GINOSA	4026N	01653E	12		1014.5	1015.8	17.5		16.0		3	7	-51	0		
16420 MESSINA	3812N	01533E	51		1010.3	1016.7	19.7		18.7		7	60	-48	2	198	105
16429 TRAPANI/BIRGI	3755N	01230E	14		1015.9	1017.0	19.4		18.3		6	85	25	5	239	114
<b>MALTA</b>																
16597 LUQA	3551N	01429E	91		1009.1	1017.7	21.3	.6	18.1	-.1	5	22	-67	1	243	110
<b>GREECE</b>																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1016.9	1017.5	16.8	.7	10.5	-2.4	4	35	-5	4	191	116
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1015.6	1015.8	18.2	-.2	11.8	-3.8	7	147	-1	5	199	106
16648 LARISSA (AIRPORT)	3938N	02225E	74		1007.8	1016.6	16.0	-.1	10.1	-2.4	2	65	18	4	198	116
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1014.8	1016.5	19.9	.6	15.7	1.6	4	41	-6	3	209	101
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1015.3	1016.6	18.6	-.2	15.0	-.1	5	115	16	4	222	108
16746 SOUDA (AIRPORT)	3529N	02407E	151		998.7	1016.5	20.0	1.0	12.1	-3.1	6	41	-39	2	225	117
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1011.7	1016.3	20.6	.7	16.2	.7	5	61	-7	4	233	118
<b>TURKEY</b>																
17022 ZONGULDAK	4127N	03148E	137		1001.0	1017.3	16.1	1.3	13.9	1.8	15	203	64	4	150	90
17030 SAMSUN	4117N	03618E	4		1017.0	1017.5	17.3	1.7	14.6	.9	7	42	-42	1	162	115
17034 GIRE SUN	4055N	03823E	37		1012.5	1017.0	18.2	2.3	14.3	.4	11	147	-12	3		
17040 RIZE	4102N	04031E	9		1014.1	1015.1	17.9	2.5	16.7	2.5	14	346	74	4	162	155
17050 EDIRNE	4140N	02634E	51		1010.9	1017.1	14.7	.9	12.4	1.1	8	74	30	5	173	95
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1013.4	1017.3	16.2	.9	15.1	1.7	7	56	-14	3	173	100
17074 KASTAMONU	4122N	03347E	800		925.3	1017.4	11.3	1.1	9.5	.5	5	55	16	4	177	95
17084 CORUM	4033N	03457E	776		928.0	1017.2	12.3	.9	8.5	.0	5	17	-13	2	208	115
17090 SIVAS	3945N	03701E	1285		874.4	1016.9	12.2	1.8	9.1	1.4	5	26	-6	3	216	105
17092 ERZINCAN	3945N	03930E	1218		880.5	1015.1	13.7	2.2	10.6	2.3	5	15	-26	1	212	100
17096 ERZURUM	3957N	04110E	1758		825.6	1016.6	8.9	.9	6.5	-.2	5	43	-2	3	194	85
17098 KARS	4037N	04306E	1775		824.4	1017.1	8.8	2.1	7.2	.6	9	57	19	4	193	95
17112 CANAKKALE	4008N	02624E	6		1017.1	1017.8	16.6	1.0	15.1	1.6	7	71	24	5	211	100
17116 BURSA	4011N	02904E	100		1006.3	1018.2	15.6	.6	13.3	1.1	10	126	68	6	161	85
17130 ANKARA/CENTRAL	3957N	03253E	891		915.7	1016.7	13.3	.7	10.2	1.8	2	23	-3	3	215	100
17170 VAN	3827N	04319E	1662		835.3	1014.9	12.8	2.7	9.4	2.2	8	59	11	4	213	90
17188 USAK	3841N	02924E	919		912.1	1016.2	12.9	-.1	10.1	.5	5	55	19	4		
17190 AFYON	3845N	03032E	1034		901.2	1017.8	12.7	.9	8.2	-.2	3	34	-3	3	197	95
17199 MALATYA/BOLGE	3821N	03819E	948		909.8	1015.7	16.3		10.8		3	11		2	246	110
17210 SIIRT	3755N	04157E	896		919.3	1019.0	19.5	1.9	11.3	2.6	6	30	-22	2	193	85
17220 IZMIR/GUZELYALT	3826N	02710E	29		1012.4	1015.8	19.1	.7	15.1	1.6	8	87	47	5	232	95
17240 ISPARTA	3745N	03033E	997		904.4	1016.8	13.1	.6	9.6	.9	1	5	-31	1	238	105
17244 KONYA	3758N	03233E	1031		900.3	1016.3	12.8	.8	7.8	-.8	4	25	-6	3	242	110
17250 NIGDE	3758N	03441E	1210		882.1	1016.6	12.8	1.3	9.0	1.4	7	22	-1	3	238	105
17255 KAHRAMANMARAS	3736N	03656E	572		949.7	1014.5	20.3	1.7	12.7	1.9	4	24	-24	2	216	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	%		
17270 SANLIURFA	3708N	03846E	549		951.6	1013.1	21.8	2.1	12.8	3.0	3	7	-25	2	200	80
17280 DIYARBAKIR	3753N	04012E	677		938.2	1014.2	18.6	1.6	8.5	-1.2	7	16	-18	3	215	90
17285 HAKKARI	3734N	04346E	1728		828.9	1011.7	15.8	3.3	10.3	3.0	9	67	-3	3	204	90
17292 MUGLA	3713N	02822E	646		941.5	1015.5	15.4	- .3	11.7	1.0	5	54	-17	3	223	100
17300 ANTALYA	3642N	03044E	54		1007.0	1014.4	20.6	.9	14.3	.2	4	41	-29	3	264	105
17340 MERSIN	3648N	03438E	3		1013.4	1013.7	22.8	2.7	17.2	.9	1	8	-32	1	238	100
17351 ADANA/BOLGE	3659N	03521E	27		1011.8	1014.9	22.4		15.1		1	6		1	221	95
<b>CYPRUS</b>																
17609 LARNACA AIRPORT	3453N	03338E	2		1013.8	1014.1	23.1	1.8	15.6		1	4	-15		257	96
<b>RUSSIAN FEDERATION (EUROPE)</b>																
22113 MURMANSK	6858N	03303E	51		1006.4	1012.9	- .7	-1.6	5.1	-.5	18	58	15	5	47	
22165 KANIN NOS	6839N	04318E	49		1002.3	1008.5	1.5	.1	5.8	-.1	20	73	18	5	19	
22550 ARHANGEL'SK	6430N	04044E	8		1009.7	1010.7	- .2	-1.7	5.5	-.8	12	46	-13	3	39	
22602 REBOLY	6350N	03049E	182		991.1	1013.1	-1.9	-4.0	4.6	-1.8	6	27	-29	1	62	
22837 VYTEGRA	6101N	03627E	56		1005.0	1012.0	.4	-3.3	5.5	-1.5	18	124	44	5	36	58
<b>ESTONIA</b>																
26038 TALLINN	5923N	02435E	34		1008.4	1013.1	1.9	-4.4	5.6	-2.7	10	32	-38	1	102	111
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26063 ST. PETERBURG	5958N	03018E	6		1012.0	1012.8	1.5	-4.2	5.8	-2.1	7	58	-9	3	54	77
<b>ESTONIA</b>																
26214 VILSANDI	5823N	02149E	6		1011.2	1012.2	4.3	-4.1	6.3	-2.9	5	26	-41	1	109	108
26242 TARTU	5818N	02644E	68		1004.2	1013.0	1.4	-4.3	5.6	-2.5	13	47	-6	2	97	113
<b>LATVIA</b>																
26314 VENTSPILS	5724N	02132E	3		1011.3	1011.7	4.7		7.1		13	51			90	90
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26477 VELIKIE LUKI	5621N	03037E	106		998.1	1011.0			6.2	-1.7	18	98	52		47	52
<b>LITHUANIA</b>																
26509 KLAJPEDA	5544N	02104E	7		1009.7	1010.6	5.5	-3.5	7.8	-1.9	17	104	24	4	94	94
26524 SIAULIAI	5556N	02319E	107		998.1	1011.4	3.7	-3.3	7.0	-1.7	6	109	56	1	52	52
<b>LATVIA</b>																
26544 DAUGAVPILS	5552N	02637E	122		996.5	1011.8	3.0	-3.1	6.5	-1.8	14	78	26		56	62
<b>LITHUANIA</b>																
26629 KAUNAS	5453N	02350E	77		1002.0	1011.6	4.8	-2.3	7.7	-1.2	19	167	122		45	45
26730 VILNIUS	5438N	02506E	156		992.7	1011.8	4.4	-2.2	7.5	-.9	19	150	97		35	37
<b>BELARUS</b>																
26850 MINSK	5356N	02738E	231		984.7	1012.1	4.4	-1.9	7.4	-.8	19	142	93	6	46	46
<b>RUSSIAN FEDERATION (EUROPE)</b>																

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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	mm	mm	
27037 VOLOGDA	5919N	03955E	130		994.9	1011.3	- .6	-3.6	5.4	-1.4	17	91	41	5	38	61
27199 KIROV	5836N	04938E	158		991.9	1011.7	.9		6.0		20	98		5	32	55
<b>27595 KAZAN'</b>	5536N	04917E	116		999.1	1013.8	4.1	.5	7.1	.6	17	87	39	5	57	68
<b>27612 MOSKVA</b>	5550N	03737E	156		992.8	1012.6	2.5	-2.6	6.4	-.9	19	131	72			
<b>UKRAINE</b>																
33345 KYIV	5024N	03034E	167		994.6	1015.1	7.0	-1.1	8.2	-.5	13	74	39	6		
33393 L'VIV	4949N	02357E	323		975.8	1014.8	7.1	-.9			16	79	32	6	92	62
33506 POLTAVA	4936N	03433E	160		996.3	1015.5	7.0	-.6	8.2	.0	14	63	21	5		
33562 VINNYTSIA	4914N	02836E	298		979.4	1015.3	6.9	-.7	8.1	-.4	8	37	4	4	103	78
<b>33587 UMAN'</b>	4846N	03014E	216		989.8	1016.1	6.9	-.7	8.4	-.2	13	77	44	5		
33631 UZHGOROD	4838N	02216E	124		1001.4	1015.6	9.2	-1.0	9.5	.2	13	103	53	5	75	50
33658 CHERNIVTSI	4822N	02554E	246		986.0	1015.7	8.5	-.1	8.5	-.3	9	49	16	4	115	82
33837 ODESA	4626N	03046E	42		1010.9	1016.9	11.5	.3	10.7	.5	8	26	0	3	142	84
33846 MIKOLAIV	4702N	03157E	50		1009.9	1016.0	10.1	-.2	9.8	.4	9	62	41	5		
33889 IZMAIL	4522N	02851E	30		1012.2	1015.8	11.8	.8	10.2	.1	6	53	28	5	151	80
33910 HENICHES'K	4610N	03449E	15		1014.1	1015.9	11.4	.6	11.2	.5	13	48	23	5	101	62
<b>33915 ASKANIIA-NOVA</b>	4627N	03353E	30		1012.5	1016.1	10.3	.6	10.6	1.4	7	34	8	4	124	69
33946 SIMFEROPOL'	4441N	03408E	181		994.3	1016.0	11.6	.8	11.2	1.4	11	85	53	6	132	65
33983 KERCH	4524N	03625E	49		1009.8	1016.0	12.3	.9	11.5	.9	9	68	41	6	125	68
33990 YALTA	4529N	03410E	72		1007.4	1016.0	14.5	.9	13.3	2.3	11	209	171	6	105	63
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34123 VORONEZ	5142N	03913E	149		996.7	1015.0	5.8		7.6		14	57		4		
34172 SARATOV	5134N	04602E	156		991.4	1016.1	4.8	-.7	7.6	.7	12	48	14	4	127	110
<b>UKRAINE</b>																
34300 KHARKIV	4958N	03608E	155		997.1	1016.1	6.6	-.7	8.4	.3	13	57	22	5	87	70
<b>KAZAKHSTAN</b>																
34398 ZHALPAKTAL	4940N	04929E	10		1017.3	1018.6	7.5	1.3	8.3	1.6	13	43	18			
<b>UKRAINE</b>																
34519 DONETS'K	4804N	03746E	225		989.3	1016.7	7.8	.0	8.9		11	37	10	5		
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34731 ROSTOV-NA-DONU	4716N	03949E	75		1006.1	1017.1	9.2	.0	9.9	1.0	17	107	74		86	54
34880 ASTRAHAN'	4617N	04803E	-23		1021.5	1019.0	11.1	1.9	10.1	1.6	6	18	1	4		
<b>ARMENIA</b>																
37789 YEREVAN	4008N	04428E	907		892.2	1521 Y	14.8		10.9		4	42		4	214	90
<b>UZBEKISTAN</b>																
38178 AK-BAJTAL	4309N	06420E	234		992.2	1020.0	13.5	3.0	6.7	.6	0	0	-7	0	258	105
<b>LEBANON</b>																
40100 BEYROUTH (AEROPORT)	3349N	03529E	19		1010.8	1013.8	24.8	2.1	20.6		3	20	-40	5	132	
40103 TRIPOLI	3427N	03548E	5		1013.5	1014.2	23.2		22.9		20	20		4	132	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>ISRAEL</b>																
40180	3200N	03454E	49		1008.7	1013.3	24.1		21.5		2	19		3		
40199	2933N	03457E	12		1011.6	1011.9	27.9	1.3	16.6		1	4	1	5	248	80
<b>JORDAN</b>																
40310	3010N	03547E	1070		894.8	1511 Y	21.6	2.1	12.2	2.6	1	7	4	4	213	73
<b>ASIA</b>																
<b>RUSSIAN FEDERATION ( IN ASIA )</b>																
20069	7930N	07659E	10		1012.6	1013.9	-11.5	.7	2.6	.1	6	25	3	4		
20292	7743N	10418E	15		1014.3	1016.3	-11.5	1.6	2.4	.2	21	42	18	5	30	
20674	7330N	08024E	47		1006.3	1012.3	-6.3	2.0			10	36	6	4	14	
20891	7159N	10228E	33			1017.5	-12.8	- .5	2.1	- .3	4	15	-12	1	70	
21432	7600N	13552E	9		1019.2	1020.2						5	-11	0		
21946	7037N	14753E	61		1017.8	1025.9	-10.3	2.5	2.6	.1	7	22	-2		31	
23205	6738N	05302E	12		1005.6	1007.1	-1.0	1.1	5.2	.2	19	62	19	5	17	
23219	6705N	05923E	84		995.9	1006.4	-2.3	1.8	4.8	.4	16	65	20	5	20	
23330	6632N	06640E	16		1006.9	1008.9	-2.2	2.7	4.8	.8	16	74	35		37	
23472	6547N	08756E	38		1012.0	1016.9	-4.1	2.1	4.1	.4	15	54	-11	2	39	
23552	6455N	07749E	27		1009.8	1013.2	-2.9	2.7	4.5	.6	12	50	2	6	47	
23804	6143N	05050E	119		995.1	1009.9	- .4	- .9	5.4	- .3	16	87	31	5	28	57
23884	6136N	09001E	58		1012.0	1019.6	-2.4	.6	4.6	.3	15	49	-10	2	41	75
23933	6101N	06902E	46		1007.7	1014.4	1.4	2.8	5.2	.2	11	114	63		52	66
24125	6830N	11226E	220		993.3	1021.9	-8.7	2.9	2.7	.2	3	13	-15			
24266	6733N	13323E	137		1008.3	1026.9	-16.7	-1.8	1.7	- .2		3	-10		81	
24507	6416N	10014E	168		997.8	1021.7	-6.4	.9	3.1	- .1	8	22	-8	2	48	
24641	6346N	12137E	111		1011.7	1026.4	-8.0	- .1	2.5	- .4	2	5	-19		76	
24688	6315N	14309E	741		932.7	1028.1	-15.3	.8	1.7	- .2	2	5	-11			
24738	6209N	11739E	133		1007.6	1026.1	-7.4	-1.1	2.9	- .3	1	4	-15		92	
24817	6116N	10801E	291		987.3	1024.6	-5.8	.1	3.2	- .2	8	23	-6		56	65
24959	6201N	12943E	101		1013.0	1026.3	-8.1	.4	2.6	- .2		4	-15		90	
25325	6633N	15925E	127		1000.7	1024.4	-9.5		.1		4	17			46	
25400	6544N	15054E	43		1020.3	1026.0	-13.4	-2.3	2.8	.3	4	17	-3		100	
25563	6447N	17734E	61		1005.8	1013.6	-3.5		4.1		10	30			92	
25703	6255N	15225E	205		996.8	1024.2	-8.9	2.3	2.7	.4	6	23	1	4	47	
25744	6226N	16605E	10		1014.9	1018.2	-5.0	1.5	4.0	.6	3	8	-22		55	
25954	6021N	16600E	4		1011.8	1012.3	-1.4	- .6	4.2	- .5	2	6	-43	0	167	143
28224	5801N	05618E	171		992.7	1013.9	1.9		6.5		17	85			43	
28440	5650N	06038E	283		980.8	1015.4	2.0	.6	5.9	.5	15	73	34	5		
<b>KAZAKHSTAN</b>																
28679	5450N	06909E	142		1002.0	1019.8	3.0	1.2	5.7	.2	6	35	2	5	113	106
<b>RUSSIAN FEDERATION ( IN ASIA )</b>																
28698	5501N	07323E	122		1005.0	1020.4	2.6	.9	5.1	- .3	3	36	3		172	
<b>KAZAKHSTAN</b>																

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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	
28879 KOKSHETAY	5317N	06923E	229		992.2	1020.6	4.3	1.8	6.0	.1	4	17	-5	3		
28952 KUSTANAI	5313N	06337E	156		1000.8	1019.6	5.6	2.5	6.1	.5	6	24	-4		127	91
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29231 KOLPASEVO	5819N	08257E	75		1010.4	1019.4	- .4	.2	4.8	-.2	8	49	3		77	97
29263 ENISEJSK	5827N	09209E	79		1012.7	1022.8	-1.5	-.6	4.4	-.2	11	49	4	3	110	
29282 BOGUCANY	5823N	09727E	133		1006.6	1023.6	-1.6	-.4	4.3	.0	7	264	240	0	83	105
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		989.4	1024.3	-.8		4.6		12	36		2		
<b>KAZAKHSTAN</b>																
29807 IRTYSHSK	5321N	07527E	94		1010.1	1021.8	3.4	.8	5.1	-.5	3	19	-9			
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29866 MINUSINSK	5342N	09142E	254		993.3	1025.2	.2	-1.5	4.7	-.5	6	27	1	2	153	
30230 KIRENSK	5746N	10804E	259		993.1	1026.3	-4.9	-1.8	3.3	-.6	3	8	-17		106	119
30309 BRATSK	5617N	10145E	416		973.5	1025.6	-1.4	-1.0	4.2	-.5	6	14	-8		96	90
30469 KALAKAN	5507N	11646E	613		947.2	1024.6	-9.7	-3.3	3.0	.2	4	17	0		165	101
30554 BAGDARIN	5428N	11335E	903		914.3	1026.7	-9.0	-3.8	2.1	-.7	2	8	-1	3		
30635 UST'-BARGUZIN	5325N	10901E	461		967.6	1025.1	-2.2	-2.6	3.8	-.7	5	16	-9	2		
30673 MOGOCA	5345N	11944E	625		944.5	1022.8	-7.5	-3.3	3.0	-.1	5	30	16	5	162	90
30710 IRKUTSK	5216N	10419E	469		967.5	1025.7	-.8	-1.7	4.4	-.5	8	43	14		103	68
30758 CHITA	5205N	11329E	671		941.1	1024.3	-4.5	-2.8	3.7	.2	3	36	26	5	181	95
31004 ALDAN	5837N	12522E	79			1026.5	-9.5	-2.8	2.7	-.3	11	51	-10		67	72
31088 OHOTSK	5922N	14312E	6		1017.1	1017.8	-1.4	.8	3.6	-.2	3	16	-35	1	135	86
31168 AJAN	5627N	13809E	8		1017.6	1018.7	.3	.1	4.4	.5	10	121	45		97	64
31253 BOMNAK	5443N	12856E	357		941.6	1018.8	-1.9	1.2	4.1	.7	7	46	10	4	136	88
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1007.6	1016.1	2.4	.9	6.2	.8	12	98	19			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1007.8	1016.9	1.9	1.3	5.3	.7	6	17	-23		114	69
31510 BLAGOVESCHENSK	5015N	12734E	132		1000.5	1016.9	2.0	-.3	4.9	.4	7	34	13			
31735 HABAROVSK	4831N	13510E	76		1004.3	1015.5	4.3	-.1	5.9	.5	11	105	54		144	76
31960 VLADIVOSTOK	4307N	13154E	183		993.1	1016.2	6.5	-1.7	7.4	-.7	12	72	4		147	72
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1010.3	1013.2	6.7	.8	7.9	.4	17	205	107	5	134	84
32411 ICA	5535N	15535E	6		1009.3	1010.0	1.9	-1.5	7.0	.3	7	33	-75	1	92	106
32583 PETROPAVLOVSK- KAMCATSKIJ	5259N	15839E	24		1006.0	1009.0	4.4		6.4		13	161		3		
32618 NIKOL'SKOE	5512N	16559E	18		1006.0	1008.3	4.5	-.7	7.5	.2	19	95	11	4	70	66
<b>KAZAKHSTAN</b>																
35078 ATBASAR	5149N	06822E	304		984.6	1022.2	3.3	1.1	5.0	-.3	4	14	-13	2	172	128
35108 URALSK	5115N	05117E	37		1013.5	1018.1	6.2	1.1	7.6	1.2	13	76	46	5		
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
35121 ORENBURG	5141N	05506E	117		1004.7	1019.1	5.7	1.3	6.7	.5	10	48	10	4	94	75
<b>KAZAKHSTAN</b>																
35188 AKMOLA	5108N	07122E	350		980.2	1023.0	4.6	1.8	5.0	-.5	3	17	-12	3	186	137
35229 AKTJUBINSK	5017N	05709E	219		993.3	1020.3	5.3	1.1	6.0	.1	5	18	-12	2	138	101
35394 KARAGANDA	4948N	07309E	553		957.0	1023.9	4.3	1.3	5.0	-.2	4	16	-19		211	
35406 TAIPAK	4903N	05152E	2				8.2	1.5	6.7	.2	7	23	4	0	175	106
35416 UIL	4904N	05441E	128				6.7	.9	6.2	.1	5	16	-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	QUINTILE	TOTAL	% OF AV.
							°C	°C	mb	mb		mm	mm		hr	
35746 ARALSKOE MORE	4647N	06139E	62		1013.1	1020.9	9.0	1.4	5.7	-.6	1	4	-13	2	238	109
<b>35796 BALHASH</b>	4648N	07505E	350		980.8	1023.3	8.0	1.8	6.3	.1	1	2	-10		266	120
<b>35849 KAZALINSK</b>	4546N	06207E	68		1012.9	1021.3	9.3	1.5	6.0	-.3		3	-11	1	230	105
<b>35925 SAM</b>	4524N	05607E	88		1009.7	1020.5	10.7	2.7	7.2	.5	1	9	-1			
35953 DZHUSALY	4530N	06405E	103		1007.7	1020.6	9.6		5.2		1	4		2		
<b>36177 SEMIPALATINSK</b>	5025N	08018E	196		999.9	1024.2	4.3	.1	5.4	-.2	2	11	-16	2	174	121
36208 LENINOGORSK	5020N	08333E	811		927.9	1024.8	2.4	.0	5.3	.3	8	64	-10	4		
<b>36535 KOKPEKTY</b>	4845N	08222E	512				3.4	.6	5.3	.2		1	-25		202	112
<b>36859 ZHARKENT</b>	4410N	08004E	645		947.0	1022.0	12.1	2.4	8.6	1.7	6	41	26		215	96
<b>36870 ALMATY</b>	4314N	07656E	851		923.5	1021.2	11.6	2.6	8.6	1.5	5	35	-27	2	191	104
38062 KYZYLORDA	4451N	06530E	130		1005.0	1020.6	11.1	2.5	6.4	.6	1	2	-9	2		
38198 TURKESTAN	4316N	06813E	207		994.6	1019.5			6.4	.4	0	T	-12			
<b>UZBEKISTAN</b>																
<b>38262 CHIMBAJ</b>	4257N	05949E	66		1011.8	1019.7	12.2	2.4	7.2	.4	0	T	-12	1	242	108
38396 URGENCH	4134N	06034E	101		1008.0	1020.3	14.1		7.2		0	0		0		
38403 BUZAUBAJ	4145N	06228E	98		1012.0	1015.7	16.3		6.9		0	0		0		
<b>38413 TAMDY</b>	4144N	06437E	237		992.1	1020.4	16.2	3.3	7.7	1.4	0	0	-6	0	247	101
<b>38457 TASHKENT</b>	4116N	06916E	488		961.5	1017.9	17.1	3.8	9.4	.9	0	T	-34	1	250	112
<b>TURKMENISTAN</b>																
<b>38507 TURKMENBASHI</b>	4003N	05300E	-13			1017.6	18.2	3.6	13.3	3.7	1	1	-9		245	107
38545 DARGANATA	4028N	06217E	142		1001.1	1018.2	15.6		8.9		0	9999				
<b>UZBEKISTAN</b>																
38611 NAMANGAN	4059N	07135E	474		963.9	1018.4	17.4		10.9		01	1		1	266	120
38618 FERGANA	4022N	07145E	577		950.6	1016.8	16.7		11.7		2	15		3	233	105
38683 BUHARA	3943N	06437E	226		990.4	1017.2	17.2		8.4		0	0		0		
<b>TURKMENISTAN</b>																
38687 CHARDZHEV	3905N	06336E	190		995.5	1018.3	17.0	3.0	9.9	1.8	1	5	0		278	104
<b>UZBEKISTAN</b>																
38696 SAMARKAND	3934N	06657E	724		934.7	1016.9	16.5	3.8	9.5	1.3	0	T	-24	1	263	112
38812 KARSHI	3848N	06543E	376		973.1	1016.6	19.1		12.2		0	T		1		
38927 TERMEZ	3714N	06716E	310		980.2	1016.2	19.2	3.4	11.7	2.6	0	0	-3	0	288	112
<b>SAUDI ARABIA</b>																
40356 TURAIF	3141N	03844E	852		917.7	1512 Y	23.4		9.0		3	6			249	
40357 ARAR	3054N	04108E	549		950.7	1011.6	25.8		10.1		3	10				
40360 GURIAT	3124N	03716E	504		955.2	1011.6	23.4		11.0		2	3			233	
<b>40361 AL-JOUF</b>	2947N	04006E	689		937.6	1011.2	25.5		8.6		5	7				
40362 RAFHA	2937N	04329E	444		961.2	1010.9	27.0		11.0		1	3			233	
40375 TABUK	2822N	03636E	768		926.6	1010.7	25.1		10.0		1	1			261	
40377 HAFR AL-BATIN	2754N	04532E	414		956.5	1000.7	36.7		6.9		0	0				
<b>40394 HAIL</b>	2726N	04141E	1013		901.2	1519 Y	31.1		7.6		0	0			295	
40400 WEJH	2612N	03628E	21		1007.1	1009.8	28.1				0	0			296	
40405 GASSIM	2618N	04346E	650		932.7	1010.4	27.9		6.6		0	0				
40410 KHAYBER	2540N	03918E	754		927.3	1007.7	32.7		6.8		0	0				

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
40416 DHAHRAN	2616N	05009E	17		1007.8	1009.7	29.5	1.6			0	0	-1			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		1009.4	1010.9	29.1		17.7		0	0				
40420 AL AHSA	2518N	04929E	178		991.1	1011.0	29.7		14.7		0	0				
<b>40430 MADINAH</b>	2433N	03942E	636		939.9	1008.7	30.6	1.2	8.1	-1.0	0	T	-1		266	
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		941.1	1011.1	28.0		6.2		0	0			297	
<b>40438 RIYADH</b>	2443N	04644E	620		944.0	1011.4	29.0	2.2	6.6	-1.0	0	0	-1		266	
40439 YENBO	2409N	03804E	10		1008.0	1009.2	30.6				1					
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
<b>40706 TABRIZ</b>	3805N	04617E	1361		866.8	1015.4	17.1	3.6	7.7	.2	2	10	-18		215	94
40712 ORUMIEH	3732N	04505E	1312		870.1	1014.2	15.8	3.3	9.6	1.2	1	1	-30		196	88
40718 ANZALI	3728N	04928E	-23		1019.6	1016.1	20.9	3.2	20.0	2.2	8	127	-232		134	120
<b>40745 MASHHAD</b>	3616N	05938E	989		905.5	1016.5	19.4	6.0	8.7	1.1	1	1	-10		271	112
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		884.0	1011.7	23.2	5.0	9.3	2.3	2	3	-10		270	108
40766 KERMANSHAH	3416N	04707E	1322		871.4	1014.2	19.1	3.1	6.3	-3.2	2	16	-13		251	104
40800 ESFAHAN	3238N	05143E	1550		847.6	1013.1	20.0	3.1	6.2	-2.0	0	0	-4		301	109
40831 ABADAN	3022N	04815E	11		1010.8	1011.5	28.6	1.7	16.5	1.8	0	0	-3		271	103
<b>40841 KERMAN</b>	3015N	05658E	1754		828.3	1013.0	18.1	.7	4.0	-1.0	0	0	-1		310	114
<b>40848 SHIRAZ</b>	2932N	05235E	1491		854.1	1012.4	21.3	2.9	6.5	-1.1	1				304	102
<b>SAUDI ARABIA</b>																
<b>41024 JEDDAH (KING ABDUL AZIZ INT.)</b>	2142N	03911E	17		1005.4	1009.5	31.7	2.6			0	0	-2		240	
41036 TAIF	2129N	04033E	1454		851.4	1497 Y			8.3	.3	1	2	-8			
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		941.8	1009.7	28.1		6.6		0	0			319	
41112 ABHA	1814N	04239E	2093		795.8	1518 Y	19.1		8.7		0	T			276	
41114 KHAMIS MUSHAIT	1818N	04248E	2056		799.2	1515 Y	20.4		9.2		0	9999			283	
41128 NAJRAN	1737N	04425E	1210			1521 Y	24.7		5.6		0	0			316	
41136 SHARURAH	1728N	04707E	725		931.0	1009.2	28.7		7.3		0	0			302	
41140 GIZAN	1654N	04235E	7		1008.7	1009.5	31.3		31.4		1	26				
<b>BAHRAIN</b>																
<b>41150 BAHRAIN (INT. AIRPORT)</b>	2616N	05039E	2		1010.7	1010.9	30.2	.9	28.3	1.0	00	0	-1	4	302	100
<b>UNITED ARAB EMIRATES</b>																
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1008.1	1010.9	29.7	1.3	24.6	1.0	0	0	0	5	312	99
<b>OMAN</b>																
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8		1009.5	1010.5	29.5		24.9		01	1			300	
41268 SUR	2232N	05929E	14		1009.8	1011.3	31.1		22.7		0	0			315	
<b>41288 MASIRAH</b>	2040N	05854E	19		1009.4	1011.6	28.2		24.0		0	0		4	278	
41314 THUMRAIT	1740N	05402E	467		962.5	1014.1	27.6		11.7		0	0				
<b>41316 SALALAH</b>	1702N	05405E	20		1009.3	1012.0	27.2		22.0		0	0		3	320	
<b>PAKISTAN</b>																
41515 DROSH	3534N	07147E	1465			1511 Y	21.4	2.2	6.7		0	0	-27	0		
41530 PESHAWAR	3401N	07135E	360			1010.3	24.0	.3	18.7		0	0	-9	2		
<b>41560 PARACHINAR</b>	3352N	07005E	1725		830.9	1519 Y	16.5	-.2	9.0		1	42	20	5		
41571 ISLAMABAD AIRPORT	3337N	07306E	508			1010.6	23.3	.9	16.8		1	7	-22	0		
41594 SARGODHA	3203N	07240E	188			1010.0	26.1		19.4		2	9		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	hr			
41598 JHELMUM	3256N	07343E	234		983.7	1010.1	25.6	.7	20.1		1	4	-8	2		
41600 SIALKOT	3230N	07432E	256		982.2	1010.1	24.1	.4	20.1		2	21	7	0		
<b>41620 ZHOB</b>	3121N	06928E	1407		860.4	1496 Y			6.3		1	6	4	5		
41624 DERA ISMAIL KHAN	3149N	07055E	173		990.0	1009.8	25.6	.3	21.0		2	10	6	5		
<b>41640 LAHORE CITY</b>	3133N	07420E	215		985.8	1010.1	26.3	.7	19.1		0	0	-12	2		
41675 MULTAN	3012N	07126E	123			1010.0	26.9	.5	18.3		0	0	-1	4		
41685 BAR KHAN	2953N	06943E	1097			1501 Y	22.9	-.1	8.1		2	5	2	0		
41710 NOKKUNDI	2849N	06245E	683		932.8	1009.1	27.1	2.5	6.6		0	0	-1	5		
<b>41712 DAL BANDIN</b>	2853N	06424E	850		917.4	1512 Y			5.7		0	0	-1	5		
41715 JACOBABAD	2818N	06828E	56		1003.1	1009.1	28.1	.3	21.1		0	0	-2	5		
41718 KHANPUR	2839N	07041E	88		997.8	1008.9	26.8	1.2	19.5		0	0	-1	5		
41739 PANJGUR	2658N	06406E	981		903.2	1505 Y	24.3	2.2	8.7		0	0	-1	5		
41744 KHUZDAR	2750N	06638E	1232			1488 Y	23.2	1.3	4.9		0	0	-5	0		
41749 NAWABSHAH	2615N	06822E	38		1005.6	1008.9	29.5	1.8	20.4		0	0	-2	5		
41756 JIWANI	2504N	06148E	57		1003.6	1009.8	26.8	-.4	26.3		0	0	-1	5		
<b>41759 PASNI</b>	2516N	06329E	6		1009.0	1009.7	27.8		23.5		0	0	-2	5		
<b>INDIA</b>																
<b>42027 SRINAGAR</b>	3405N	07450E	1587		843.3	1518 Y	15.0	.9	10.8		2	8	-25	2	217	
42071 AMRITSAR	3138N	07452E	234		984.2	1010.7	24.3	.5	20.8					239	94	
42147 MUKTESHWAR KUMAON	2928N	07939E	2311		779.5	3199 Z	15.3	1.0	11.7		2	6	-37	2		
<b>42182 NEW DELHI/SAFDARJUNG</b>	2835N	07712E	216		985.7	1010.2	26.5	.2	22.7		1	1	-16	2	211	78
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		998.5	1011.1	25.0	-.1	25.1		3	44	-99	1	223	
<b>42410 GAUHATI</b>	2606N	09135E	54		1004.4	1010.5	26.5	.5	27.5		7	32	-60	2	218	106
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		999.5	1010.5	27.5		24.9		3	94		5	228	90
42619 SILCHAR	2445N	09248E	29		1007.0	1010.3	27.3		32.0		4	51		0		
42647 AHMADABAD	2304N	07238E	55		1003.4	1009.5	30.1		16.5		0	0		3	287	100
<b>42671 SAGAR</b>	2351N	07845E	551		949.1	1009.7	27.3	1.4	16.1		2	18	-15	4		
<b>42731 DWARKA</b>	2222N	06905E	11		1008.8	1010.1	28.1		30.1		0	0		0		
42754 INDORE	2243N	07548E	567		947.2	1009.1	26.1	.8	13.6		0	0	-52	1	278	103
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1009.7	1010.3	28.1	-.1	28.4		5	71	-72	2	175	96
42867 NAGPUR SONEGAON	2106N	07903E	310		975.2	1009.7	27.0	.6	23.5		2	34	-39	3	265	102
42909 VERAVAL	2054N	07022E	8		1008.7	1009.5	29.7		29.3		0	0		3		
42933 AKOLA	2042N	07702E	282		977.6	1008.9	27.5	.1	19.2		1	49	1	4		
42971 BHUBANESWAR	2015N	08550E	46		1005.1	1010.3	28.0		29.7		5	79		0	207	95
<b>43041 JAGDALPUR</b>	1905N	08202E	553		949.1	1009.9	26.1	1.4	23.5		4	20	-67	1		
43057 BOMBAY/COLABA	1854N	07249E	11		1007.5	1008.7	30.2	1.5	31.1		1	1	-60	1	215	90
<b>43063 POONA</b>	1832N	07351E	559		947.9	1009.3	26.1	1.1	19.8		2	13	-55	2	239	96
<b>43128 HYDERABAD AIRPORT</b>	1727N	07828E	545		949.7	1009.4	26.0	.3	22.3		7	96	-1	3	220	97
43185 MACHILIPATNAM	1612N	08109E	3		1008.9	1009.2	28.3	.5	30.1		16	300	123	5	121	
43192 GOA/PANJIM	1529N	07349E	60		1002.3	1009.1	28.3	.4	31.5		11	97	-14	3	186	75
43198 BELGAUM/SAMBERA	1551N	07437E	747		927.3	1008.7	25.0	.8	21.5		10	180	98	5		
<b>43279 MADRAS/MINAMBAKKAM</b>	1300N	08011E	16		1007.3	1009.0	28.5	.3	30.7		11	338	-35	4	138	71
<b>43295 BANGALORE</b>	1258N	07735E	921		908.5	1499 Y	24.5	.8	21.4		11	174	47	4	129	75
43314 KOZHIIKODE	1115N	07547E	5		1009.2	1009.8	27.8	.5	30.8		16	573	343	5		
<b>43333 PORT BLAIR</b>	1140N	09243E	79		1001.5	1010.4	27.0	1.1	30.7		3			1	199	119
<b>43363 PAMBAN</b>	0916N	07918E	11		1007.9	1009.3	28.9	.3	31.5		12	321	97	4		
<b>43369 MINICOY</b>	0818N	07309E	2		1009.5	1009.7	28.5	.8	32.1		14	228	81	5	168	76
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1002.9	1010.1	27.0	.1	29.9		21	481	258	5	113	66

# SURFACE

## OCTOBER 2002

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	
<b>SRI LANKA</b>																
43418	TRINCOMALEE	0835N	08115E	7	1000.7	1009.5	28.4	.2	31.7	3.7	13	368	151			
43466	COLOMBO	0654N	07952E	7	1009.2	1010.0	27.1	.1	30.5	1.3	25	445	76	177	88	
43497	HAMBANTOTA	0607N	08108E	20	1008.1	1009.9	27.7	.6	29.3	.8	7	119	-32			
<b>MONGOLIA</b>																
44203	RINCHINLHUMBE	5107N	09940E	1583	842.1	1029.3	-8.0		2.6		1	8				
44207	HATGAL	5026N	10009E	1668	833.1	1022.1	-5.6				2	10		3		
44212	ULAAN-GOM	4959N	09205E	939	913.6	1026.3	.8	.4	4.3	.0	0	T	-4	1	193	99
44213	BARUUNTURUUN	4939N	09424E	1232	880.6	1025.7	-.5	.2	3.3	-.7	5	20	8	5		
44214	UIGI	4856N	08956E	1715	829.5	1023.9	.9	.8			0	T	-3	1		
44215	OMNO-GOBI	4901N	09143E	1590	842.2	1024.1	-.6	.0	3.8	.2	0	T	-3	1		
44218	HOVD	4801N	09134E	1405	871.2	1035.7	2.2	.7			1	1	-3	1		
44225	TOSONTSENGEL	4844N	09812E	1723	828.9	1028.5	-4.4	-.2			6	13	3	5		
44230	TARIALAN	4934N	10200E	1235	880.9	1027.4	-1.9		3.5		4	20		6		
44231	MUREN	4934N	10010E	1283	873.5	1025.3	-.7		3.5		3	18		5	221	100
44232	HUTAG	4923N	10242E	938	921.5	1026.4	-2.6		4.3		5	23		5		
44237	ERDENEMANDAL	4832N	10123E	1509	849.3	1023.3	-1.9	-1.3			1	11	4	5		
44239	BULGAN	4848N	10333E	1208	880.4	1024.2	-3.6		6.7		2	6		1		
44241	BARUUNKHARAA	4855N	10604E	807	926.7	1025.3	-1.5	-2.0	3.9	.0	7	47	36	6		
44256	DASHBALBAR	4933N	11424E	705	934.9	1021.0	-2.0	-2.4			4	40	36	6		
44259	CHOIBALSAN	4805N	11433E	747	932.5	1023.3	-.2	-1.7			3	31	24	6	165	69
44265	BAITAG	4607N	09128E	1186	890.7	1029.3	4.4	1.3	6.1	1.4	2	4	1	2		
44272	ULIASTAI	4745N	09651E	1759	823.4	1022.4	-1.9	-1.1			1	4	-5	2		
44275	BAYANBULAG	4650N	09805E	2255	774.0	1024.5	-4.0		3.1		1	2		1		
44277	ALTAI	4624N	09615E	2181	783.2	1019.3	-1.3	.0	4.3	1.2	01	1	-6	1		
44282	TSETSERLEG	4727N	10128E	1691	830.5	1023.3	-.8	-1.1	3.5	.0	3	22	9	3		
44284	GAIUUT	4642N	10008E	2126	788.1	1027.0	-4.6		2.7		1	1		2		
44285	HUJIRT	4654N	10246E	1662	833.4	1025.0	-2.2	-1.5	3.8	.2	3	9	0	4		
44287	BAYANHONGOR	4608N	10041E	1859			-.9				1	1		2		
44288	ARVAIHEER	4616N	10247E	1813	817.6	1022.1	-.7	-2.1	3.8	.4	1	4	-2	3		
44292	ULAAN-BAATOR	4755N	10652E	1306	870.6	1024.7	-2.2	-1.1			4	12	6	1	175	77
44294	MAANTI	4718N	10729E	1430	851.5	1023.5	-4.5				3	6		4		
44298	CHOIR	4627N	10813E	1286	871.6	1023.6	-2.6				3	4		3		
44302	BAYAN-OVOO	4747N	11207E	926	910.5	1021.7	-2.0	-3.0	4.0	.1	6	32	22	5		
44304	UNDERKHAAN	4719N	11038E	1033	894.1	1016.3	-2.3	-2.9			5	15	7	5		
44305	BARUUN-URT	4641N	11317E	981	905.1	1022.9	-1.2	-2.9	4.2	.2	2	4	-1	3		
44313	KHALKH-GOL	4737N	11837E	688		1022.0	-1.8	-2.9			5	10	-1	4		
44314	MATAD	4710N	11538E	907	913.8	1023.3	-1.7	-3.4			5	14	6	4		
44336	SAIKHAN-OVOO	4527N	10354E	1316	870.4	1023.0	-.6		3.0		1	6		1		
44341	MANDALGOVI	4546N	10617E	1393	860.9	1023.7	-.7		4.3		1	12		1		
44347	TSOGT-OVOO	4425N	10519E	1298	872.0	1022.2	2.2	-1.8	3.3	-.9	2	5	2	5		
44352	BAYANDELGER	4544N	11222E	1101	892.0	1021.3	-.5	-3.0	3.9	-.3	3	8	2	4		
44358	ZAMYN-UUD	4344N	11154E	964	908.1	1020.2	1.5	-2.9			2	3	-2	2		
44373	DALANZADGAD	4335N	10425E	1465	854.4	1020.8	3.8	-1.0	4.1	.2	01	1	-3	3	247	90
<b>NEPAL</b>																
44454	KATHMANDU AIRPORT	2742N	08522E	1337	866.8	1507 Y	20.3		18.7		3	21		242	105	

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OCTOBER 2002

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	
<b>HONG KONG, CHINA</b>																
45004 KING'S PARK	2219N	11410E	66		1006.0	1013.6	24.7	-.7	22.4	-.5	8	162	17	5	137	70
<b>REPUBLIC OF KOREA</b>																
47101 CHUNCHON	3754N	12744E	75		1009.0	1018.2	11.0	-1.0	9.6	-.9	8	70	24	5	156	86
47105 KANGNUNG	3745N	12854E	27		1013.5	1016.6	14.0	-.8	9.2	-2.2	6	180	68	5	202	110
47108 SEOUL	3734N	12658E	87		1007.7	1018.0	12.8	-1.5	9.4	-1.7	9	45	-4	4	147	72
47115 ULLUNGDO	3729N	13054E	223		989.8	1015.7	14.3	-.6	11.8	-.6	7	54	-33	2	186	110
47133 TAEJON	3618N	12724E	78		1010.1	1018.2	12.9	-.7	10.7	-.9	6	68	16	4	183	92
47138 POHANG	3602N	12923E	6		1016.9	1017.2	15.5	-.2	11.0	-1.4	6	41	-22	3	216	116
47159 PUSAN	3506N	12902E	71		1008.6	1016.8	16.4	-.7	12.4	-.6	6	97	35	4	195	97
47165 MOKPO	3447N	12623E	56		1013.5	1017.9	15.7	-.9	12.1	-1.5	8	53	1	3	190	93
47168 YOSU	3444N	12744E	68		1009.5	1017.3	16.4	-.5	12.5	-.2	7	35	-20	3	209	93
47184 CHEJU	3331N	12632E	24		1015.2	1018.0	17.5	-.2	13.8	-1.0	5	112	38	4	160	89
<b>JAPAN</b>																
47401 WAKKANAI	4525N	14141E	11		1011.3	1012.6	10.8	.3	9.2	.4	17	244	114	5	104	79
47407 ASAHIKAWA	4346N	14222E	116		999.6	1013.6	9.7	1.2	9.3	.5	15	74	-38	1	104	83
47409 ABASHIRI	4401N	14417E	43		1008.2	1013.4	10.7	.7	9.3	.4	12	86	9	4	141	89
47412 SAPPORO	4303N	14120E	26		1010.2	1013.3	12.0	1.2	9.5	.2	12	149	34	4	127	81
47418 KUSHIRO	4259N	14424E	37		1009.3	1014.1	10.8	1.0	10.2	.6	7	200	92	5	166	91
47420 NEMURO	4320N	14535E	39		1009.2	1013.9	11.2	.4	10.5	.5	10	143	26	4	158	93
47421 SUTTSU	4248N	14014E	38		1008.6	1013.1	11.7	.2	10.4	.4	20	229	90	5	108	80
47426 URAKAWA	4210N	14247E	37		1009.5	1013.9	12.5	1.0	10.7	.5	12	154	50	5	161	88
47430 HAKODATE	4149N	14045E	43		1008.4	1013.6	12.5	1.2	10.9	.7	13	119	20	3	145	86
47575 AOMORI	4049N	14046E	3		1013.7	1014.1	13.4	1.4	11.2	.5	16	107	9	3	129	83
47582 AKITA	3943N	14006E	21		1012.1	1014.7	14.4	1.3	12.3	.9	15	198	49	4	123	80
47585 MIYAKO	3939N	14158E	46		1008.9	1014.5	13.7	.9	12.2	.8	10	272	164	5	185	119
47598 ONAHAMA	3657N	14054E	5		1014.3	1014.9	16.5	.9	14.2	.7	10	166	4	3	169	111
47600 WAJIMA	3723N	13654E	14		1014.1	1015.8	15.8	.6	13.7	.3	18	217	40	5	137	97
47602 AIKAWA	3802N	13815E	17		1013.1	1015.1	17.0	1.4	14.0	1.0	15	138	11	4	144	95
47605 KANAZAWA	3635N	13638E	33		1011.9	1015.8	17.4	1.3	14.1	.4	21	254	52	5	158	112
47618 MATSUMOTO	3615N	13758E	611		944.9	1015.4	13.6	1.3	11.1	.2	8	142	55	5	208	134
47624 MAEBASHI	3624N	13904E	113		1001.6	1014.9	16.7	1.1	12.5	-.1	9	159	66	5	202	131
47636 NAGOYA	3510N	13658E	56		1008.9	1015.5	18.0	1.0	13.3	-.4	8	164	50	4	201	123
47648 CHOSHI	3544N	14052E	28		1011.2	1014.5	18.5	.3	17.0	1.2	9	172	-44	3	177	133
47655 OMAEZAKI	3436N	13813E	47		1009.0	1014.5	19.3	.5	15.9	-.3	10	325	155	5	197	122
47662 TOKYO	3541N	13946E	36		1010.5	1014.7	19.0	1.4	13.9	.3	11	194	30	4	183	
47663 OWASE	3404N	13612E	27		1012.1	1015.3	18.0	.4	15.5	.2	13	284	-72	3	169	119
47675 OSHIMA	3445N	13222E	79		1005.1	1014.4	18.8	1.8	16.2	.4	11	242	-116	3	162	138
47678 HACHIJOJIMA	3306N	13947E	80		1005.2	1014.5	21.1	.4	18.6	-.4	10	226	-230	1	117	97
47740 SAIGO	3612N	13320E	31		1012.4	1016.1	16.2	.2	13.9	.0	13	142	24	4	153	91
47741 MATSUE	3527N	13304E	22		1013.9	1016.5	16.8	.7	14.1	-.6	13	158	23	4	167	104
47750 MAIZURU	3527N	13519E	22		1013.8	1016.4	16.4	.4	14.6	.2	11	151	21	4	142	109
47755 HAMADA	3454N	13204E	20		1013.9	1016.3	17.4	.6	14.2	-.2	15	116	-7	3	155	93
47772 OSAKA	3441N	13531E	83		1006.2	1015.9	18.9	.6	14.0	.0	9	119	12	4	175	110
47778 SHIONOMISAKI	3327N	13546E	75		1006.2	1014.9	19.4	.1	15.7	-.3	14	259	35	4	187	111
47800 IZUHARA	3412N	12918E	19		1014.7	1016.9	17.5	-.1	13.8	-.9	6	200	85	5	176	111

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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	%		
47807 FUKUOKA	3335N	13023E	15		1014.9	1016.6	18.8	.6	14.0	-1.0	7	110	14	4	162	94
47815 OITA	3314N	13137E	13		1015.0	1016.5	18.4	.6	14.1	-1.2	6	68	-67	2	179	113
47817 NAGASAKI	3244N	12952E	35		1012.4	1016.6	18.9	-.1	14.8	-.6	9	133	30	4	159	90
47827 KAGOSHIMA	3133N	13033E	31		1012.5	1016.1	20.3	.3	15.5	-1.3	7	137	31	4	179	98
47830 MIYAZAKI	3155N	13125E	7		1014.2	1015.9	19.0	.1	15.4	-1.7	6	117	-77	3	189	109
47837 TANEGASHIMA	3044N	13100E	18		1013.7	1015.8	21.6	-.2	17.8	-1.7	9	122	-39	3	171	101
47843 FUKUE	3242N	12850E	26		1013.6	1016.7	18.3	-.3	14.5	-1.2	7	300	194	5	150	87
47887 MATSUYAMA	3350N	13247E	34		1012.1	1016.1	18.6	.7	13.5	-.9	7	27	-72	1	180	104
47891 TAKAMATSU	3419N	13403E	10		1014.9	1016.1	18.6	1.4	13.9	-1.0	5	20	-86	0	189	110
47898 SHIMIZU	3243N	13301E	33		1011.9	1015.7	20.3	-.1	16.1	-.4	7	124	-119	2	191	108
47899 MUROTOMISAKI	3315N	13411E	186		993.7	1015.4	19.0	.2	15.8	.1	9	137	-58	2	194	111
47909 NAZE	2823N	12930E	7		1014.7	1015.6	22.7	-.6	19.8	-1.4	13	246	27	3	115	91
47918 ISHIGAKIJIMA	2420N	12410E	7		1013.2	1014.0	25.6	.3	23.8	-.6	13	716	543	6	141	86
47927 MIYAKOJIMA	2447N	12517E	41		1009.4	1014.1	25.2	.3	23.4	-.7	14	309	148	5	128	77
47936 NAHA	2612N	12741E	53		1008.6	1014.7	24.7	.2	21.7	-1.2	12	201	51	4	136	78
47945 MINAMIDAITOJIMA	2550N	13114E	20		1011.8	1014.1	24.8	-.3	24.4	-.2	9	109	-60	1	183	101
47971 CHICHIJIMA	2705N	14211E	8		1012.7	1013.6	26.0	.1	27.2	.6	14	96	-40	3	190	104
47991 MINAMITORISHIMA	2418N	15358E	9		1011.9	1012.9	27.9	.5	28.6	-.2	6	63	-35		246	101
<b>THAILAND</b>																
48327 CHIANG MAI	1847N	09859E	314		975.0	1010.5	25.7	-.1	26.2	.0	6	145	23	3	214	96
48400 NAKHON SAWAN	1548N	10010E	35		1006.4	1010.4	28.0	.3	30.8	.9	12	187	43	4	235	105
48431 NAKHON RATCHASIMA	1458N	10205E	188		989.4	1010.6	27.2	1.0	27.3	.2	7	52	-100	1		
48462 ARANYAPRATHET	1342N	10235E	49		1004.8	1010.3	28.1	1.0	28.7	-.1	5	86	-95	1		
48480 CHANTHABURI	1236N	10207E	4		1009.2	1009.7	27.6	1.1	29.0	.1	9	237	-43	3	213	113
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1009.3	1009.8	28.1	1.2	29.6	.6	10	67	-138	0		
48517 CHUMPHON	1029N	09911E	5		1009.6	1010.1	28.1	1.5	30.9	1.2	8	142	-133	1		
48568 SONGKHLA	0712N	10036E	5		1009.5	1010.3	27.7	.3	29.6	.1	18	0185		1	231	128
<b>CHINA</b>																
50527 HAILAR	4913N	11945E	611		945.8	1021.2	-1.7	-2.0	3.9	.0	4	14	4	4	171	78
50745 QIQIHAR	4723N	12355E	148		1000.0	1018.5	3.1	-1.7	4.6	-.4	4	19	0	3	220	96
51076 ALTAY	4744N	08805E	737		937.5	1025.6	5.9	.1	5.3	.4	3	13	-3	3	220	103
51431 YINING	4357N	08120E	663		944.4	1022.3	11.5	2.2	8.9	1.4	6	49	25	5	231	105
51463 URUMQI	4347N	08737E	919		915.0	1023.6	9.9		6.8		3	8		4	227	100
51709 KASHI	3928N	07559E	1291		874.4	1017.3	15.3	3.0	7.5	.4	0	0	-2	4	274	112
51777 RUOQIANG	3902N	08810E	889		917.3	1019.7	12.2	1.0	6.8	1.7	0	T	-1	4	259	91
51828 HOTAN	3708N	07956E	1375		865.7	1019.2	15.6	3.1	6.5	.6	0	0	-1	4	247	95
52203 HAMI	4249N	09331E	739		933.7	1020.2	10.0	.3	6.5	1.4	0	T	-2	2	269	96
52533 JIUQUAN	3946N	09829E	1478		855.7	1021.3	8.9	1.5	4.6	-.1	0	T	-2	2	260	98
52836 DULAN	3618N	09806E	3192		695.2		3.1	.2	2.5	-.3	2	9	2	4	255	95
52889 LANZHOU	3603N	10353E	1518		851.2		10.9	1.2	7.0	-1.1	3	22	-2	4	216	111
53068 ERENHOT	4339N	11200E	966		907.8	1022.6	1.7	-2.9	3.2	-.5	0	0	-7	1	211	81
53614 YINCHUAN	3829N	10613E	1112		893.4	1020.7	9.4	.2	5.8	-1.6	1	6	-8	2	244	104
53772 TAIYUAN	3747N	11233E	779		929.3	1020.4	9.9	-.1	7.7	-.6	4	38	9	4	212	101
54292 YANJI	4253N	12928E	178		995.9	1017.9	5.7	-.9	6.8	.4	6	31	9	4	166	82
54342 SHENYANG	4146N	12326E	43		1013.6	1019.8	7.6	-1.9	7.3	-.7	10	61	19	4	156	73
54511 BEIJING	3956N	11617E	55		1016.1	1020.1	10.7	-2.0	7.2	-2.2	2	23	5	4	226	100
54857 QINGDAO	3604N	12020E	77		1010.5	1019.6	15.0	-1.1	11.4	-1.0	4	18	-28	5	192	88

# SURFACE

## OCTOBER 2002

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	%
55591 LHASA	2940N	09108E	3650		655.4		8.7	.6	5.0	-.1	2	6	-4	3	272	96
56294 CHENGDU	3040N	10401E	508		958.9	1017.7	18.9	2.0	16.7	.2	12	66	27	6	108	
56571 XICHANG	2754N	10216E	1599		841.7		17.2	.4	12.9	-.9	4	57	-21	3	178	107
56739 TENGCHONG	2507N	09829E	1649		836.2		16.9	.5	14.4	-1.1	6	75	-69	2	244	139
56778 KUNMING	2501N	10241E	1892		813.1		16.5	1.5	13.2	-.5	5	48	-40	2	185	122
56985 MENGZI	2323N	10323E	1302		871.5	1013.2	19.7		15.6		4	47		3	165	105
57036 XI'AN	3418N	10856E	398		972.1	1019.0	15.4	1.6	10.8	-1.6	4	35	-30	2	158	120
57083 ZHENGZHOU	3443N	11339E	111		1006.2	1019.5	15.0	.0	9.7	-2.2	2	18	-28	2	154	82
57461 YICHANG	3042N	11118E	134		1002.8	1018.7	18.0	.0	15.1	-.5	7	75	-12	3	161	120
57745 ZHIJIANG	2727N	10941E	273		986.1	1018.2	17.5	-.1	16.6	.6	9	120	16	4	115	96
57993 GANZHOU	2551N	11457E	125		1000.3	1016.5	19.8	-1.4	18.5	.2	11	352	276	6	149	88
58362 SHANGHAI	3124N	12128E	4		1016.7	1017.8	20.1		16.4		7	82		4	171	95
58606 NANCHANG	2836N	11555E	50		1011.6	1017.4	19.4	.1	17.0	.5	6	107	50	5	164	102
59287 GUANGZHOU	2308N	11319E	8		1009.8	1014.9	23.9	-.1	21.5	-.4	8	129	50	4	121	63
59316 SHANTOU	2324N	11641E	3		1013.4	1014.3	24.5	1.2	22.8	.0	2	6	-55	2	183	87
59431 NANNING	2249N	10821E	73		999.9	1014.6	22.0	-1.4	21.7	-.2	6	97	25	4	165	98
59758 HAIKOU	2002N	11021E	24		1010.8	1012.9	25.9	.9	27.4	.8	10	127	-74	2	125	66
<b>AFRICA</b>																
<b>MADEIRA</b>																
08522 FUNCHAL	3238N	01654W	56		1011.8	1018.6	21.9	1.0	17.9	.1	4	37	-38	2	184	100
<b>SPAIN (CANARY ISLANDS)</b>																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1013.1	1017.5	24.5	1.6	18.3	.2	2	7	-11	2	229	105
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1011.5	1016.9	24.9	2.4	18.5	-.6	1	2	-8	2	253	119
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1014.8	1017.2	24.0	1.6	18.9	-.2	2	4	-1	4	274	123
<b>WESTERN SAHARA</b>																
60096 VILLA CISNEROS	2342N	01552W	10		1013.5	1014.9	23.6				0	9999		0	280	110
<b>MOROCCO</b>																
60101 TANGER (AERODROME)	3544N	00554W	21		1016.2	1018.0	19.6	-.1	17.6		10	73	8	4	211	85
60115 OUJDA	3447N	00156W	470		964.5	1017.9	18.8	.8	13.6		3	14	-19	3	222	105
60120 KENITRA	3418N	00636W	14		1015.9	1017.6	20.1	.7	19.2		7	79	16	4	230	100
60135 RABAT-SALE	3403N	00646W	75		1008.4	1017.7	19.7	.7	19.2		7	83	40	5	250	95
60150 MEKNES	3353N	00532W	549		953.2	1016.9	19.5	.8	15.6		7	52	5	4	244	105
60155 CASABLANCA	3334N	00740W	62		1010.5	1017.3	21.1	1.9	19.6		7	48	17	4	260	75
60195 MIDELT	3241N	00444W	1515		853.5	1551 Y	16.9	1.9	11.6		1	4	-13	2	262	75
60220 ESSAOUIRA	3131N	00947W	8		1016.6	1017.5	20.2	1.2	18.6		4	14	-11	3	251	90
60230 MARRAKECH	3137N	00802W	466		963.8	1016.7	23.4	2.3	12.5			2	-21	1	267	105
60265 OUARZAZATE	3056N	00654W	1140		892.1	1610 Y	21.7	2.3	8.4		01	1	-12	2	285	80
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1017.4	1018.6	20.0		18.4		7	52		5	195	80
<b>SPAIN (CEUTA AND MELILLA)</b>																
60338 MELILLA	3517N	00257W	55		1011.1	1017.5	20.4	.3	18.8	1.3	3	19	-12	3	181	97
<b>ALGERIA</b>																

# SURFACE

## OCTOBER 2002

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
60351 JIJEL ACHOUAT	3653N	00549E	10		1015.8	1017.1	19.5		16.2		5	103			239	65
60353 JIJEL PORT	3650N	00547E	2		1016.3	1017.1	20.7		17.6		4	79			240	70
60355 SKIKDA	3656N	00657E	7		1016.3	1016.5	21.0	1.2	18.1		7	85	10	3	242	70
60360 ANNABA	3650N	00749E	4		1015.7	1016.7	19.6	-1.1	16.6		10	73	2	4	250	70
60367 EL-KALA	3654N	00827E	10		1016.6	1017.9	21.2		17.6		5	80				
60387 DELLYS	3655N	00357E	12		1015.9	1016.5	20.5		18.6		3	26			249	
60390 DAR-EL-BEIDA	3643N	00315E	25		1014.0	1017.4	19.6	.2	16.7		4	54	-22	3	239	75
60395 TIZI-OUZOU	3642N	00403E	195		995.3	1017.3	20.2		14.8							
60402 BEJAIA	3643N	00504E	2		1016.7	1017.6	19.6	-1.1	17.0		5	36	-53	1	241	
60403 GUELMA	3628N	00728E	227		991.4	1017.8	19.7		15.1		8	30			245	
60410 TENES	3630N	00120E	59		1016.1	1018.1	20.5		17.0		2	26			241	70
60417 BOUIRA	3623N	00354E	635		952.9	1016.6	19.2		13.1		5	25			241	70
60419 CONSTANTINE	3617N	00637E	694		938.7	1017.2	17.9	1.5	11.7		4	27	-11	3	248	70
60421 OUM EL BOUAGHI	3553N	00707E	889		916.5	1531 Y	17.2		11.7		3	29			258	
60423 SOUK AHRAS	3617N	00758E	680		939.9	1017.1	17.8		12.1		3	31			234	
60425 CHLEF	3613N	00120E	143		1000.5	1017.6	20.7	.4	13.7		2	19	-32	2	244	
60430 MILIANA	3618N	00214E	715		936.3	1017.3	19.3	1.6	12.8		3	31	-37	3	250	
60437 MEDEA	3616N	00245E	981		901.7	1537 Y	17.3		11.4		5	27			247	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928				17.4		9.8			18			255	
60445 SETIF	3611N	00525E	1081		904.5	1538 Y	15.8		9.4		3	16			263	
60452 ARZEW	3549N	00016W	3		1016.7	1017.2	20.0		17.9		3	51			273	105
60457 MOSTAGANEM VILLE	3553N	00007E	137		1000.9	1017.4	19.0		16.7		3	41			230	
60461 ORAN PORT	3542N	00039W	22		1014.9	1017.5	20.5		17.9		2	11		0		
60467 M'SILA	3540N	00430E	441		965.1	1015.5	20.5		12.5		3	13			277	80
60476 KHENCHELLA	3525N	00709E	1116		907.4	1540 Y	17.0		9.8		5	20			266	
60490 ORAN/ES SENIA	3538N	00036W	90		1006.7	1017.3	19.5	.2	16.3		3	15	-16	2	247	70
60506 MASCARA METMORE	3536N	00018E	474		963.1	1017.6	18.4		13.0		3	17			252	
60511 TIARET	3515N	00126E	1127		908.2	1544 Y	16.9		10.6		2	16			252	70
60514 KSAR CHELLALA	3510N	00219E	800		928.2	1546 Y	18.4		10.4		2	13			257	70
60515 BOU-SAADA	3520N	00412E	461		967.0	1020.0	20.7		12.0		3	9			259	
60517 GHAZAOUET	3506N	00152W	83		1017.9	1018.4	20.1		17.6		3	26				
60518 BENI-SAF	3518N	00121W	68		1008.1	1016.2	19.9		18.5		2	24			227	65
60520 SIDI BEL ABBES	3511N	00237W	450		963.3	1017.7	18.4		13.7		3	23			250	70
60525 BISKRA	3448N	00544E	87		1007.3		22.9	.6	12.2							
60531 TLEMCCEN (ZENATA)	3501N	00128W	247		989.4	1018.1	18.7				3	19			237	65
60535 DJELFA	3441N	00315E	1144		886.3	1538 Y	15.8	1.5	9.8		3	15	-10	3	269	75
60536 SAIDA	3452N	00009E	750		932.6	1538 Y	18.8		11.0		3	17			248	
60540 EL KHEITER	3409N	00004E	1000		905.0	1532 Y	17.3		9.6		4	34			258	70
60545 LAGHOAT	3346N	00256E	765		931.8	1544 Y	19.3		11.3		4	13			271	75
60549 MECHERIA	3456N	00026W	1149		890.0	1543 Y	18.1		9.2		2	42			228	65
60550 ELBAYADH	3340N	00100E	1341		870.5	1550 Y	16.4		7.9		4	26			270	
60555 TOUGGOURT	3307N	00608E	85		1007.5	1018.1	22.5		12.4		1	7			288	
60557 NAAMA	3316N	00018W	1166		888.4	1543 Y	17.8		8.7		3	18			261	
60559 EL OUED	3330N	00607E	63		1009.7	1017.6	22.8	.8	12.9		0	T	-7	1	289	
60560 AIN SEFRA	3246N	00036W	1058		897.7	1530 Y	18.0		9.6		5	15			271	80
60566 GHARDAIA	3223N	00349E	450		965.5	1018.0	22.7	1.1	10.7		1	10	3	0	275	
60571 BECHAR	3137N	00214W	773		926.6	1550 Y	22.6	1.4	9.8		0	0	-10	2	284	80
60580 OUARGLA	3155N	00524E	141		1000.1	1017.0	23.5		12.9		1	3			280	
60581 HASSI-MESSAOUD	3140N	00609E	142		1000.7	1017.4	23.9	.9	12.7		2	20	16	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.
							°C	°C	mb	mb	mm	mm	mm	mm	hr	%
60590 EL GOLEA	3034N	00252E	397		971.7	1017.5	23.1	1.4	12.6		2	32	30	6	285	80
60602 BENI ABBES	3008N	00210W	499		958.8	1015.3	24.6	1.4	9.5		2	75	67	6	285	
60607 TIMIMOUN	2915N	00017E	312		978.7	1015.0	25.3	1.5	10.1		1	4	2	5	279	
60611 IN AMENAS	2803N	00938E	562		953.2	1016.4	22.4	-.5	11.5		4	20	17	5	276	
60620 ADRAR	2753N	00017W	263		982.1	1014.1	27.2	2.2	10.6		2	3	2	5	271	
60630 IN SALAH	2712N	00228E	293		984.0	1014.3	27.5	.6	12.4		00	T	-1	4		
60640 ILLIZI	2630N	00825E	558		954.2	1014.2	25.1		12.4		1	1				
60656 TINDOUF	2740N	00808W	431		963.7	1013.7	25.8		9.8		1	2			281	
60670 DJANET	2433N	00928E	1054		909.0	1549 Y	22.9	-1.4	9.5		1	3	1	5	277	100
60680 TAMANRASSET	2247N	00531E	1378		867.8	1543 Y	22.0	-.4	9.1		5	80	77	6	253	90
60686 BORDJI B.MOKHTAR	2120N	00057E	398		967.1	1011.5	28.1		1.5		2	29			216	
60690 IN-GUEZZAM	1934N	00546E	411		936.1	1011.8	24.5		8.5		1	20			217	
<b>TUNISIA</b>																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1016.3	1016.8	21.7	1.3	18.0		5	34	-31	2	258	119
60725 JENDOUBA	3629N	00848E	144		1001.0	1017.6	20.4	1.0	14.2		4	33	-14	3	248	120
60735 KAIROUAN	3540N	01006E	68		1009.5	1017.5	22.9	2.1	14.2		0	0	-49	0	256	109
60745 GAFSA	3425N	00849E	314		982.6	1017.9	21.0	1.2	12.6		2	14	-7	3	270	106
60765 GABES	3353N	01006E	5		1017.3	1017.9	22.5	.8	17.3		2	15	-29	3	284	109
<b>NIGER</b>																
61017 BILMA	1841N	01255E	357		971.2	1010.9	28.6		12.7		0	0		5	303	95
61024 AGADEZ	1658N	00759E	502		954.5	1009.4	30.3		8.6		00	9999		0	26	
61036 TILLABERY	1412N	00127E	210		986.3	1009.6	30.1		21.5		04	17		4	263	90
61043 TAHOUA	1454N	00515E	391		965.2	1008.2	29.5		16.5		5	55		5	262	90
61045 GOURE	1359N	01018E	460		960.6	1009.0	29.3		13.5		2	14		5	242	
61049 N' GUIGMI	1415N	01307E	286		957.5	1009.2	30.1		14.6		1	3		5	268	90
61052 NIAMEY-AERO	1329N	00210E	227		984.5	1009.2			22.1		5	32		5	267	95
<b>MALI</b>																
61202 TESSALIT	2012N	00059E	491		957.0	1010.7	30.4		10.2		2	7	6		90	
61223 TOMBOUCTOU	1643N	00300W	264		981.4	1010.6	30.2		14.6		1	37	35	2	283	104
61230 NIORO DU SAHEL	1514N	00921W	237		982.6	1008.9	31.1	1.4	16.8		3	44	18	1	264	102
61233 NARA	1510N	00717W	265				29.8	.1	18.0		2	53	42		276	105
61240 HOMBORI	1520N	00141W	288			1009.7	31.4	-.5	19.0		1	125	113	0	291	108
61250 MENAKA	1552N	00213E	278				31.0		15.1		3	12	8		263	97
61257 KAYES	1426N	01126W	47		1005.6	1010.9	30.3	.8	25.0		7	59	23	4	254	97
61265 MOPTI	1431N	00406W	272		979.2	1009.3	30.7	1.7	19.5		3	58	40	5		
61270 KITA	1304N	00928W	334		972.3	1009.0	30.9	3.6	25.4		5	47	-17	4	255	
61272 SEGOU	1324N	00609W	289		977.6	1009.6	29.2	1.0	23.4		4	95	70	5	271	100
61277 SAN	1320N	00450W	284		978.4	1009.7	30.1	1.3	23.1		3	0045	0019	4	270	99
61285 KENIEBA	1251N	01114W	132		996.2	1011.0	27.9	.2	28.6		10	59	-24	2	234	105
61291 BAMAKO/SENOU	1232N	00757W	381		969.0	1009.6	27.0	-.7	24.7		6	62	-3		263	104
61293 KOUTIALA	1223N	00528W	367			1009.5	28.7	1.2	23.3		7	135	90	0	282	104
61296 BOUGOUNI	1125N	00730W	351		971.3	1010.0	27.0	.0	26.3		9	85	13	3	233	93
61297 SIKASSO	1121N	00541W	375				27.3	-.1	23.9		8	74	2	3		
<b>MAURITANIA</b>																
61499 AIOUN EL ATROUSS	1642N	00936W	223		985.2	1009.9	31.9		14.4		2	15		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.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>SENEGAL</b>																
61600 SAINT-LOUIS	1603N	01627W	4		1010.9	1011.4	27.8		28.3	2.3	2	89	66		259	100
61627 LINGUERE	1523N	01507W	21		1008.8	1011.1	31.8		25.5	3.0	3	35	1	3	258	100
61641 DAKAR/YOFF	1444N	01730W	24		1008.5	1011.7	28.0		30.0	.7	4	0027	-010	0	240	93
61679 KAOLACK	1408N	01604W	7		1011.4	1012.2	29.9		30.8		8	0050	0001	3	253	97
61687 TAMBACOUNDA	1346N	01341W	50		1005.1	1010.6	29.3		29.0	1.6	7	74	15	4	226	90
61695 ZIGUINCHOR	1233N	01616W	23		1009.1	1011.7	28.0		32.3	2.7	8	65	-37	3		
<b>GAMBIA</b>																
61701 BANJUL/YUNDUM	1321N	01648W	36		1008.2	1011.8	28.5		30.5		6	70		4	216	90
<b>OCEAN ISLANDS (UK)</b>																
61901 ST. HELENA IS.	1556S	00504W	436		967.4	1018.5	16.8		15.5		10	26			82	120
<b>MAURITIUS</b>																
61974 AGALEGA	1026S	05645E	3		1013.4	1013.9	26.6	.6	27.5	.9	7	29	-50	1	254	
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1016.0	1016.4	25.2	.8	25.3	.8	6	71	41	5		
61988 RODRIGUES	1941S	06325E	59		1012.0	1018.3	23.2	.3	21.0	.4	13	63	25	5	243	88
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1013.8	1019.7	23.1	.7	20.6	- .5	6	42	-25	2	219	94
<b>OCEAN ISLANDS (FRANCE)</b>																
61998 PORT-AUX-FRANCAIS (ILES KERG)	4921S	07015E	30		994.9	998.5	3.2	- .1	6.0		10	45	-9	3	138	91
<b>EGYPT</b>																
62306 MERSA MATRUH	3120N	02713E	29		1012.6	1016.1	22.8	1.2	17.0	-1.2	4	11		3	297	111
62337 EL ARISH	3105N	03350E	38		1010.4	1013.9	23.2	1.4	21.1	2.3	1	2		0		
62378 HELWAN	2952N	03120E	141		997.4	1014.0	24.3	1.0	18.0	2.6	0	0		3		
62414 ASSWAN	2358N	03247E	194		988.3	1010.2	29.4	1.7	11.0	1.2	0	0		3	310	99
62417 SIWA	2912N	02529E	-13		1017.6	1016.0	23.9	1.1	15.9	2.4	0	T		5	307	104
62435 KHARGA	2527N	03032E	73		1002.3	1011.3	27.3	1.0	15.7	2.0	0	0		3	305	97
<b>ETHIOPIA</b>																
63331 GONDAR	1232N	03725E	1667				20.5		13.5		5	45				120
63402 JIMMA	0740N	03650E	1725				19.8		16.6		10	71				135
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.5	1010.2	16.6		4.0							
63471 DIREDAWA	0936N	04151E	1260		884.3	1008.4	23.8		13.3		1	19		4	277	105
<b>KENYA</b>																
63619 MOYALE	0332N	03903E	1097		891.7	1525 Y	22.2		20.0		19	149			148	
63686 ELDORET	0032N	03517E	2133		789.8	1484 Y	17.9		13.3		11	64			220	
63723 GARISSA	0028S	03938E	147		995.0	1011.6	29.2		23.6	1.2	3	61			289	104
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		839.4	1510 Y	21.9	- .5	14.9		7	49			237	
<b>UNITED REPUBLIC OF TANZANIA</b>																
63756 MWANZA	0228S	03255E	1140		887.0	1514 Y	24.1		18.4		6	61	-30	3		
<b>KENYA</b>																
63799 MALINDI	0314S	04006E	23		1010.6	1013.0	26.9		28.2		12	171			273	



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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		
<b>UNITED REPUBLIC OF TANZANIA</b>																	
63832	TABORA AIRPORT	0505S	03250E	1190		881.5	1494 Y	26.2		13.0		3	0040	0012	4		
63862	DODOMA	0610S	03546E	1120		891.3	1528 Y	23.7		14.8		1	2	1	1		
63894	DAR ES SALAAM AIRPORT	0652S	03912E	55		1008.1	1014.4	26.1		25.6		7	52	-14	1		
63962	SONGEA	1041S	03535E	1067		897.5	1540 Y	23.0		14.8		1	1	-7	2		
63971	MTWARA	1016S	04011E	113		1001.8	1014.6	5.7		24.7		1	5	-23	0		
<b>SEYCHELLES</b>																	
63980	SEYCHELLES INT. AIRPORT	0440S	05531E	3		1011.4	1011.8	27.2	.5	28.6	.9	14	257	51	4	215	98
<b>DEMO. REPUBLIC OF THE CONGO</b>																	
64210	KINSHASA/N'DJILI	0423S	01526E	312		975.5	1010.4	25.5		24.9		8	129				
<b>CONGO</b>																	
64400	POINTE-NOIRE	0449S	01154E	17		1009.9	1011.9	25.5		27.3		8	46		2	105	100
64401	LOUBOMO	0412S	01242E	330				26.4		25.0		9	110				
64405	SIBITI	0341S	01321E	531				23.0		23.8		9	125				
64450	BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		975.1	1010.3	25.6		25.1		9	121		2	132	85
64456	MAKOUA	0001S	01535E	379				24.3		26.5		15	360		1		
64458	OUESSO	0137N	01603E	352		970.6	1009.9	23.4		26.7		13	142		0		
64459	IMP FONDO	0137N	01804E	326				24.7				14	221		1		
<b>CHAD</b>																	
64700	NDJAMENA	1208N	01502E	295		975.9	1009.1	28.0		21.7	3.0	3	80	60	4	267	94
<b>BENIN</b>																	
65306	KANDI	1108N	00256E	292		977.5	1010.1	27.1	-.7	25.4	.6	7	36	2	3	234	85
65319	NATITINGOU	1019N	00123E	461		959.8	1010.7	25.7	-.7	24.3	-.3	12	120	13	4	212	94
65330	PARAKOU	0921N	00237E	393		967.2	1010.9	26.0	-.1	25.4	.2	9	51	-40	2	198	95
65335	SAVE	0802N	00228E	200		998.0	1010.5	25.9	-.8	26.9	.2	14	165	55	5	174	99
65338	BOHICON	0710N	00204E	167		992.6	1011.4	25.9		28.1		15	216		5	183	95
65344	COTONOU	0621N	00223E	9		1010.2	1011.2	27.1	.4	29.8	.5	15	256	130	5	191	92
<b>GHANA</b>																	
65442	KUMASI	0643N	00136W	293		979.4	1012.6	25.3		28.8		13	282			198	
<b>BURKINA FASO</b>																	
65501	DORI	1402N	00002W	277		979.0	1009.8	29.4		20.5		5	57		5	263	
65502	Ouahigouya	1334N	00225W	336		972.0	1009.2	28.9		21.5		5	64		5	281	
65503	Ouagadougou	1221N	00131W	306		976.3	1010.3	29.3		23.3		5	39		4	278	95
65507	FADA N' GOURMA	1202N	00022E	309		976.5	1010.8	27.6		24.1		6	58		4	266	
65510	BOBO-DIOULASSO	1110N	00419W	460		959.3	1010.0	27.6		23.8		3	53		3	269	105
65516	BOROMO	1145N	00256W	271		979.8	1010.0	28.5		23.5		3	16		2	255	
65518	PO	1109N	00109W	322		973.7	1009.6	26.9		25.4		5	37		3	253	
65522	GAOUA	1020N	00311W	335		977.6	1010.2	26.9		26.6		6	87		4	256	
<b>MADAGASCAR</b>																	
67009	DIEGO-SUAREZ	1221S	04918E	105		1002.8	1014.8	25.3	.1	21.7	.2	3		-17		282	92

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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	
67073 MAINTIRANO	1803S	04402E	23		1012.1	1014.7	27.6	1.7	23.2	-2.5	5	0032	0018	5		
67083 ANTANANARIVO/IVATO	1848S	04729E	1276		877.7	1549 Y	18.5	.0	15.6	.5	6	39	-36	2	265	106
67095 TAMATAVE	1807S	04924E	6		1017.6	1018.3	23.3	.6	22.9	-.3	12	192	60	5	236	102
67161 TULEAR	2323S	04344E	8		1014.5	1015.4	25.1	1.2			0	0	-11	3		
67197 FORT-DAUPHIN	2502S	04657E	9		1016.4	1017.4	23.6	1.0	20.7	-1.0	7	35	-64	1	259	108
<b>MOZAMBIQUE</b>																
67297 BEIRA	1948S	03454E	16		1013.9	1014.1	25.1		23.4		6			0		
<b>MALAWI</b>																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		880.1	1544 Y	22.8		14.9		1	17			313	
<b>ZIMBABWE</b>																
67775 HARARE (KUTSAGA)	1755S	03108E	1480		854.8	1525 Y	19.9	-.9	11.6		6	97	61	5		
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		868.7	1531 Y	22.1		12.7		4	38	0	5	274	105
<b>SOUTH AFRICA</b>																
68174 PIETERSBURG	2350S	02925E	1237		884.4	1541 Y	20.2		12.8		4	30	26	3	258	98
68242 MMABATHO	2547S	02532E	1251		873.4	1535 Y	22.1		10.0		4	25			293	
68262 PRETORIA	2544S	02811E	1306		874.8	1548 Y	21.0		12.0		6	56	49	2	284	103
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		834.3	1541 Y	17.7		13.2		10	65	58	3	271	101
68424 UPINGTON	2842S	02127E	850		924.0	1525 Y	23.8		6.4		0	0	0	2	319	97
68438 KIMBERLEY	2848S	02446E	1196		882.8	1527 Y	22.2		9.1		5	12	9	2	301	99
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		863.0	1530 Y	18.1		8.4		4	15	11	2	307	106
68461 BETHLEHEM	2825S	02833E	1690		834.1	1540 Y	15.9		10.7		6	52		3	289	
68512 SPRINGBOK	2967S	01790E	1007		903.7	1520 Y	16.7		7.0		1	4		2	347	
68538 DE AAR	3065S	02400E	1287		872.2	1521 Y	19.9		6.5		2	10		2	329	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1015.7	1017.3	20.5		17.4		9	42	33	1	180	107
68618 CALVINIA	3128S	01946E	975		903.7	1518 Y	15.5		6.8		2	8		3	318	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1011.7	1016.8	15.7		12.1		4	33	30	3	305	110
68828 GEORGE AIRPORT	3401S	02223E	190		994.6	1017.3	15.1		11.8		1	3			268	
68842 PORT ELIZABETH	3398S	02562E	69		1009.3	1016.6	16.1		13.5		1	10	5	0	233	99
68858 EAST LONDON	3302S	02750E	125		1002.7	1017.6	17.7		14.5		5	27	17	1	250	120
68906 GOUGH ISLAND	4021S	00953W	54		1004.1	1010.7	9.9		8.8		21	296	267	4	135	105
68994 MARION ISLAND	4653S	03752E	21		1001.9	1004.6	5.8		7.4		22	191	174	4	140	102
<b>N AMERICA</b>																
<b>USA (ALASKA)</b>																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1012.3	-4.6	5.7			7	13	2	4		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1008.7	.0	5.1	5.2		6	14	-4	4		
70200 NOME	6430N	16526W	7			1006.3	1.6	3.8	5.7		11	31	-3	4		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1003.4	2.5	3.9	6.5		13	41	5	4		
70231 MCGRATH	6258N	15537W	103			1007.6	.2	4.3	6.5		10	38	3	4		
70261 FAIRBANKS/INT.	6449N	14752W	138			1009.9	-1.1	3.7			6	26	4	3		
70273 ANCHORAGE/INT.	6110N	15001W	40			1008.3	5.1	3.7	6.5		12	103	52	6		
70308 ST. PAUL	5709N	17013W	9			998.8	5.0	1.8	6.8		19	95	24	5		
70316 COLD BAY	5512N	16243W	31			998.0	6.8	2.6	8.5		25	197	87	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.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
70326 KING SALMON	5841N	15639W	15			1001.9	6.2	6.0	6.5		13	84	32	6		
70361 YAKUTAT	5931N	13940W	9			1014.2	7.1	2.2	9.1		20	374	-209	1		
70398 ANNETTE ISLAND	5502N	13134W	34			1019.7	9.5	1.2	10.8		15	180	-212	0		
<b>USA</b>																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1014.6	27.9	1.2	30.0		9	74	-38	2		
72202 MIAMI, FL.	2549N	08017W	4			1014.9	27.8	2.1	27.9		5	18	-125	0		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1015.1	26.9	1.5	26.5		5	64	-103	1		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1015.5	25.6	1.6	24.7		5	127	66	5		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1016.3	23.2	2.2	22.9		8	66	-7	3		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1017.0	21.8	2.2	22.6		8	110	50	6		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1016.9	21.4	2.1	21.5		11	214	141	5		
72211 TAMPA/INT., FL.	2758N	08232W	3			1015.5	26.0	2.2	24.6		5	47	-4	3		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1016.3	23.2	2.8	22.2		10	82	8	4		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1017.2	19.9	1.7	20.1		8	122	67	5		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1017.2	19.5	1.8	20.2		11	75	3	4		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1017.5	18.5	1.7	18.5		10	151	74	5		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1016.3	22.0	1.8	22.2		11	212	138	6		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1017.0	21.0	2.2	22.9		7	65	3	4		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1015.6	23.4	2.8	24.0		10	256	179	6		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1016.5	20.7		21.7		10	262		5		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1016.2	19.9	1.7	20.6		11	182	100	5		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1015.8	22.2	1.6	22.9		17	546	446	6		
72242 GALVESTON, TX.	2918N	09448W	16			1015.1	23.7	1.0	24.3		12	300	228	6		
72243 HOUSTON/INTERCONTINENTAL,	2958N	09521W	33			1015.1	22.0	1.1	21.5		12	372	264	5		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1016.0	19.2	.0	17.8		9	167	73	5		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1013.0	25.7	1.4	26.9		7	211	140	6		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1013.8	23.9	.6	23.1		8	241	165	5		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1014.2	21.5	.3	20.3		13	194	114	5		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1015.0	20.3	-1.4	18.3		12	231	144	5		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1014.7	22.5	.4	22.7		9	217	130	5		
72256 WACO, MADISON-COOPER, TX.	3137N	09713W	155			1015.8	19.2	-1.1	18.1		11	229	144	6		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1016.0	18.3	-1.3	15.5		8	164	75	5		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1015.4	17.4	-1.6	15.9		10	103	42	5		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1014.0	16.9	-.9	14.5		8	84	40	5		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1015.9	16.1	-3.0	14.9		10	111	48	5		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1014.8	14.6	-1.7	12.7		9	133	86	5		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1011.7	18.0	.2	11.3		8	28	9	4		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1010.7	20.9	-.4	9.0		2	13	-13	3		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1010.1	24.0	.4	9.6		3	9	-7	3		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1014.5	17.8	-2.0	14.5		01	1	-8	2		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1014.0	17.1	-2.2	6.5		1	1	-7	3		
72304 CAPE HATTERAS, NC.	3516N	07533W	3				20.1	1.5			10	130	4	4		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1018.5	16.4	.8	16.4		11	238	166	6		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1018.1	17.9	1.7	16.5		9	166	86	5		
72310 COLUMBIA, SC.	3357N	08107W	69			1017.5	19.6	2.2	18.1		10	122	45	5		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1017.8	16.8	1.0	17.2		11	118	17	4		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1018.4	16.4	.1	16.8		11	138	53	6		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1018.5	15.3	2.0	15.2		7	80	-11	3		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1018.9	15.6	.8	16.1		12	158	70	5		
<b>72324 CHATTANOOGA/LOVELL FIELD, TN</b>	3502N	08512W	210			1017.8	18.1	2.3	17.4		8	85	4	4		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1017.4	17.1	2.4	17.2		10	142	70	5		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1017.9	16.3	.5	15.4		11	114	48	5		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				16.1				10	129		4		
<b>72344 FORT SMITH/MUN., AR.</b>	3520N	09422W	141			1017.5	15.9	-.9	13.8		11	53	-40	3		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1016.5	15.5	-2.6	13.8		9	118	49	5		
72365 ALBUQUERQUE/INT., NM.	3503N	10637W	1620			1013.0	13.9	.0	6.6		3	14	-8	3		
<b>72386 LAS VEGAS/MCCARRAN, NV.</b>	3605N	11510W	664			1011.2	19.8	-.4	6.5		3	8	3	4		
<b>72389 FRESNO/AIR TERM., CA.</b>	3646N	11943W	100			1013.5	18.5	.1	6.5		00	0	-13	1		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1019.2	15.5	.7	15.0		11	155	66	5		
<b>72405 WASHINGTON/NAT., VA.</b>	3851N	07702W	20			1019.7	14.7	-.7	14.9		9	127	51	5		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1019.3	13.3	-.4	13.0		8	153	78	5		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1019.0	13.5	.8	13.3		11	162	91	5		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1019.7	14.1	.5	12.6		9	150	84	6		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1019.1	14.2	.6	13.5		9	118	21	4		
72412 BECKLEY (RALEIGH CTY. MUN), WV.	3747N	08107W	766			1019.1	11.6	.3	13.4		13	121	48	5		
72414 CHARLESTON/KANAWHA., WV.	3822N	08136W	299			1018.6	13.9	.5	13.8		13	155	82	6		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1018.6	12.1	-.7	12.0		6	115	43	5		
<b>72422 LEXINGTON/BLUE GRASS, KY.</b>	3802N	08436W	301			1018.9	13.2		13.9		11	166		6		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1018.4	14.5	.3	14.4		9	118	50	5		
72425 HUNTINGTON, WV	3822N	08233W	255			1018.3	13.6	.2	13.1		11	137	66	5		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1018.9	11.9	-.2	11.1		7	68	14	6		
72429 DAYTON/. COX, OH	3952N	08407E	306			1019.7	10.7	-1.6	10.5		4	64	1	4		
<b>72432 EVANSVILLE/REG., IN.</b>	3803N	08732W	118			1018.9	13.6	-.4	12.9		8	95	23	4		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1018.9	12.9	-1.8	11.6		11	121	53	5		
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246			1018.9	11.8	-.8	11.7		5	67	1	4		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1019.3	10.9	-2.2	10.7		9	79	13	4		
<b>72445 COLUMBIA/REGIONAL, MO.</b>	3849N	09213W	274			1019.1	10.9	-2.7	11.4		12	107	26	4		
<b>72476 GRAND JUNCTION/WALKER F., CO.</b>	3907N	10832W	1475			1014.3	10.6	-2.0	6.3		8	32	8	4		
<b>72483 SACRAMENTO/EXECUTIVECA.</b>	3831N	12130W	8			1013.7	17.1	-.8	9.5		0	9999	-027	2		
<b>72486 ELY/YELLAND, NV.</b>	3917N	11451W	1909			1015.6	5.9	-1.8			1	23	1	2		
72488 RENO/INT., NV.	3930N	11947W	1341			1015.8	11.5	1.1			2	3	-6	3		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1014.9	16.3	.2	12.4		0	0	-31	1		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1019.2	13.6	-.5	12.8		9	155	79	5		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1019.6	11.6	-.4	10.7		7	89	-4	3		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1019.7	9.9	-1.3	9.4		10	111	21	4		
72509 BOSTON/LOGAN INT., MA	4222N	07102W	9			1019.7	11.3	-1.4	9.8		7	88	5	3		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1019.2	9.7	-1.1	9.9		10	139	69	5		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1020.0	7.5	-1.8	9.5		10	109	36	5		
72517 ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117			1019.9	10.9	-.9	11.4		11	174	100	6		
<b>72519 SYRACUSE/HANCOCK, NY.</b>	4307N	07607W	124			1019.3	10.1	-.3	9.7		15	101	19	4		
<b>72520 PITTSBURGH/GREATER PITT., PA.</b>	4030N	08013W	373			1019.8	10.5	-.8	11.5		11	76	17	4		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1019.0	9.9	-1.4	11.0		7	41	-18	6		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1019.2	9.4	-1.3	10.4		7	48	-18	3		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1019.0	9.5	-1.1	9.7		10	82	4	4		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1019.3	9.9	-.7	9.5		7	53	-9	3		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1019.0	9.9	-1.7	9.5		6	41	-20	3		
<b>72532 PEORIA/GREATER PEORIA, IL.</b>	4040N	08941W	202			1019.4	10.5	-1.7	10.3		8	37	-30	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	o <sub>c</sub>	o <sub>c</sub>	mb	mb		mm	mm		hr	
72533 FORT WAYNE/MUN.,BAER FL.,IN.	4100N	08512W	252			1019.8	9.8	-1.8	9.5		6	40	-23	2		
72535 SOUTH BEND/ST.JOSEPH CO.,IN.	4142N	08619W	236			1019.7	9.8	-1.6	9.3		6	36	-42	1		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1019.2	10.2	- .5	9.7		5	43	-10	3		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1019.2	9.9	- .8	9.7		5	29	-24	6		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1019.2	9.9	-1.8	9.6		7	72	-2	4		
<b>72546 DES MOINES/MUN., IA.</b>	4132N	09339W	294			1019.5	8.5	-3.4	8.7		12	79	13	5		
<b>72556 NORFOLK/KARL STEFAN, NE.</b>	4159N	09726W	473			1019.6	6.9	-3.9	7.9		9	63	23	5		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1020.5	7.0	-4.0	8.0		12	73	24	5		
<b>72562 NORTH PLATTE/LEE BIRD, NE.</b>	4108N	10041W	849			1019.1	6.0	-3.8	7.1		9	61	37	5		
72564 CHEYENNE, WY.	4109N	10449W	1872			1017.1	4.0		4.9		8	28		4		
72569 CASPER/NATRONA COUNTY I.,WY.	4255N	10628W	1612			1018.2	3.5	-4.5	4.8		4	15	-9	3		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1015.2	9.9	-1.9	6.9		3	18	-18	2		
<b>72576 LANDER/HUNT, WY.</b>	4249N	10844W	1694			1017.3	4.2	-4.0	4.9		6	44	16	4		
<b>72578 POCATELLO/NUM., ID.</b>	4255N	11236W	1365			1017.9	5.9	-3.0			4	10	-13	2		
<b>72583 WINNEMUCCA/MUN., NV.</b>	4054N	11748W	1322			1017.0	7.1	-2.2	6.5		2	3	-12	2		
<b>72594 EUREKA, CA.</b>	4048N	12410W	18				9.7	-2.9				2	-65	1		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1018.4	11.9		7.8		2	4		1		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1020.4	7.3		8.3		8	78		3		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1019.7	8.3	- .9	8.8		7	106	7	4		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1019.7	7.9	- .9	8.0		8	84	11	4		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1019.2	8.3	-1.4	9.4		6	52	-19	2		
72636 MUSKOGON/COUNTY, MI.	4310N	08615W	193			1019.3	8.3	-1.9	9.5		10	51	-20	6		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1019.5	8.5	-1.6	8.9		7	32	-23	2		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1019.2	9.0	-1.2	8.8		7	42	-19	3		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1019.4	7.1	-2.3	8.0		10	53	-2	3		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1019.6	5.5	-3.3	6.9		14	89	31	5		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1018.9	6.5	-2.4	8.2		10	83	27	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1019.7	5.0	-4.2	7.3		13	98	53	5		
<b>72654 HURON/HURON REGIONAL, SD.</b>	4423N	09813W	393			1020.2	4.3	-4.9	6.7		7	49	12	4		
<b>72658 MINNEAPOLIS/ST.PAUL INTL,MN.</b>	4453N	09313W	255			1019.5	5.5	-3.8	6.8		9	107	52	5		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1020.2	4.0	-5.3	5.8		5	17	-10	3		
<b>72666 SHERIDAN/COUNTY, WY.</b>	4446N	10658W	1209			1019.6	3.4	-4.8	5.2		8	35	5	4		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1019.8	5.2	-4.3	5.2		8	28	-1	3		
<b>72681 BOISE/MUN., ID.</b>	4334N	11613W	874			1017.5	9.7	-1.3	6.5		1	8	-11	2		
<b>72688 PENDLETON, OR.</b>	4541N	11851W	456			1019.4	9.3	-2.0	6.5		4	19	-2	3		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1020.5	12.4	- .1	11.0		2	16	-51	1		
<b>72712 CARIBOU/MUN., ME.</b>	4652N	06801W	190			1018.5	4.5	-1.7	7.3		10	70	-8	3		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1018.5	5.5	-1.9	7.6		14	107	25	4		
72745 DULUTH/INT.,MN.	4650N	09211W	432			1019.5	2.0	-4.5	5.9		10	78	15	4		
72747 INT.FALLS/FALLS INT.MN.	4834N	09323W	361			1019.7	.7	-5.1	5.5		5	27	-23	2		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1020.1	2.9	-4.7	5.9		7	37	-5	4		
<b>72764 BISMARCK/MUN.,ND.</b>	4646N	10045W	506			1020.4	2.4	-5.2	5.4		5	16	-6	3		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1021.1	.2	-6.9	5.0		6	24	5	4		
<b>72768 GLASGOW/INTL, MT.</b>	4813N	10637W	700			1020.8	2.3	-5.5	5.1		4	7	-8	2		
<b>72772 HELENA/COUNTY-CITY, MT.</b>	4636N	11200W	1188			1021.6	4.8	-2.5	4.8		2	4	-11	2		
72773 MISSOULA/JOHNSON-BELL F.,MT.	4655N	11405W	972			1021.6	4.8	-2.0	6.5		1	5	-13	1		
72781 YAKIMA/YAKIMA AIR TERM.,WA.	4634N	12032W	325			1020.5	8.2	-1.7	6.5		1	2	-9	1		
72785 SPOKANE/INT.,WA.	4738N	11732W	721			1020.1	6.3	-2.2	5.6		2	5	-20	1		
<b>72792 OLYMPIA, WA.</b>	4658N	12254W	61			1020.9	9.4	- .4	6.6		4	16	-93	6		

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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	mm	hr		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1020.9	9.7			10.2	10	50		1		
<b>CANADA</b>																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74		1005.6	1015.0	-2.6	2.2	4.3		11	32	3	4	97	
71066 HIGH LEVEL, ALTA	5837N	11710W	338		976.7	1019.0	-1.7		3.7		1	3		1		
71069 SLAVE LAKE, ALTA	5518N	11447W	581		948.5	1019.4	.5	-3.4	5.2		8	20	-7	3		
71078 LYNN LAKE, MAN.	5652N	10105W	357		973.4	1018.2	-4.0	-3.7	3.9		6	20	-23	1	84	
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204		989.7	1017.9	-3.7	-3.7	4.0		6	19	-28	1		
71081 HALL BEACH, N.W.T.	6847N	08115W	8		1012.5	1013.6	-5.7	4.3	3.8		9	40	18	5		
71090 CLYDE, N.W.T.	7029N	06831W	26		1011.9	1015.3	-5.7	1.6	3.6		4	13	-23	0		
71095 POND INLET, N.W.T.	7242N	07758W	55		1007.5	1014.8	-8.5		3.0		7	31		4		
71101 SANDSPIT, B.C.	5315N	13149W	6		1018.5	1019.3	10.7	1.6	11.2		11	70	-125	0		
71109 PORT HARDY, B.C.	5041N	12722W	22		1018.9	1021.6	8.5	-1.1	10.2		14	78	-181	0		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40		1009.4	1014.3	5.4	-1.6	7.2		14	148	2	3		
71600 SABLE ISLAND, N.S.	4356N	06001W	4		1016.4	1017.1	10.8	-7	10.1		13	96	-25	2		
71603 YARMOUTH, N.S.	4350N	06605W	43		1013.6	1018.9	7.9	-1.4	8.9		7	74	-33	2	189	
71722 MANIWAKI, QUE.	4623N	07558W	173		994.4	1019.1	4.4	-1.8	7.6		12	69	-10	3		
71727 BAGOTVILLE, QUE.	4820N	07100W	159		998.7	1018.5	3.6	-1.4	6.5		15	54	-23	1		
71803 GANDER INT. AIRPORT, NFLD.	4857N	05434W	151		993.6	1012.1	4.8	-1.1	7.1		20	107	2	3	131	
71813 NATASHQUAN, QUE.	5011N	06149W	11		1012.5	1013.9	3.1	-8	5.9		12	97	-12	3		
71816 GOOSE, NFLD.	5319N	06025W	49		1006.5	1012.6	3.6	1.1	5.8		13	81	3	3	96	
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195		991.5	1015.9	.3		5.6		16	105		4	72	
71828 SCHEFFERVILLE, QUE.	5448N	06648W	518		950.6	1014.7	-1.0	.4	5.2		21	126	51	5		
71842 SIOUX LOOKOUT, ONT.	5007N	09154W	390		970.9	1019.2	-1	-4.6	5.2		13	62	3	3		
71867 THE PAS, MAN.	5358N	10106W	271		984.9	1018.8	-2.0	-5.5	4.2		4	14	-23	1	105	
71869 PRINCE ALBERT, SASK.	5313N	10541W	428		967.4	1020.5	-1.9	-5.6	4.3		4	15	-6	3		
71887 KAMLOOPS, B.C.	5042N	12027W	346		979.6	1021.7	6.8	-1.7	6.9		3	6	-8	1		
71905 KUUVUARAPIK, QUE.	5517N	07746W	10		1013.0	1014.3	1.3	-8	5.7		19	90	17	4	51	
71906 KUUVJUAQ, QUE.	5806N	06825W	37		1009.6	1014.6	1.0	1.8	5.5		11	69	17	5		
71907 INUKJUAQ, QUE	5827N	07807W	6		1009.8	1013.1	.1	.2	5.5		18	54	2	3		
71909 IQALUIT, N.W.T.	6345N	06833W	34		1011.5	1015.8	-1.5	3.4	4.6		6	51	9	5		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		1006.9	1013.2	-1.2		5.1		12	84		6		
71924 RESOLUTE, N.W.T.	7443N	09459W	67		1004.5	1013.5	-10.3	4.9	2.7		5	17	4	4		
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1011.8	1014.1	-6.8	.6	3.5		5	13	-22	1	60	
71935 HAY RIVER, N.W.T.	6050N	11547W	166		997.2	1018.2	-1.7	-2.6	4.1		6	23	-11	2		
71945 FORT NELSON, B.C.	5850N	12235W	382		970.7	1018.0	1.2	.2	5.3		4	11	-19	1		
71950 SMITHERS, B.C.	5449N	12711W	523		958.3	1021.4	4.0	-7	6.9		9	33	-29	1		
71957 INUVIK, N.W.T.	6818N	13329W	68		1005.2	1014.0	-5.3	2.9	3.7		7	14	-15	1		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		930.3	1015.4	3.7	3.0	5.2		2	6	-17	1	93	
<b>MEXICO</b>																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		857.7	1010.7	18.9		11.4		4	54		2	245	
76256 EMPALME, SON	2755N	11054W	11		1009.7	1011.1	24.9		17.7		1	7		1	333	
76311 CHOIX, SIN.	2643N	10817W	238		982.8	1009.8	26.3		25.3		5	43		1	261	
76342 MONCLOVA, COAH.	2653N	10125W	615		944.2	1010.1	23.4		18.5		7	41		4	206	
76382 TORREON, COAH.	2532N	10327W	1124		887.0	1007.1	24.6		15.4		3	36		4	287	
76390 SALTILLO, COAH	2527N	10059W	1790		821.7	1008.0	17.8		14.1		8	113		4	243	
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1007.6	1013.3	22.4		18.9		0	0		0	302	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1009.2	1011.3	26.8		20.8		0	0		0	302	

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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	
76423 DURANGO, DGO	2402N	10440W	1872		814.6	1009.2	18.2		14.1		5	43		4	265	100
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1010.2	1010.6	28.2		27.4	-1.0	3	20	-75	2	287	116
76548 TAMPICO, TAMPS	2213N	09751W	9		1009.9	1012.9	27.2	1.7	28.3	2.8	12	268	179	5	181	94
76556 TEPIC, NAY	2131N	10454W	922		910.1	1009.9	23.2		23.8		6	125		5	212	
76577 GUANAJUATO, GTO.	2101N	10115W	1999		804.5	1010.5	19.1	1.2	17.4	3.9	6	23	-17	2	234	96
76634 TULANCINGO, HGO.	2005N	09822W	2181		787.1	1015.4	18.0		14.2		5	24		2	223	
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1010.4	1011.6	27.1	1.3	28.1	1.7	10	200	106	5	264	121
76647 VALLADOLID, YUC.	2042N	08813W	22		1009.4	1012.4	26.9		28.4		8	133		4	252	
76654 MANZANILLO, COL.	1903N	10420W	3		1009.2	1009.6	28.1		29.9		7	114		4	232	
76665 MORELIA, MICH.	1942N	10111W	1913		811.3	1010.6	18.8	1.4	14.9	1.5	9	58	5	2	196	105
76675 TOLUCA, MEX	1918N	09940W	2720		738.2	1011.5	13.0		11.4		16	110			198	
76685 PUEBLA, PUE.	1903N	09810W	2179		786.0	1009.3	16.8		17.5		11	62		3	243	
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1010.6	1012.5	27.5	1.0			13	141	10	3	271	140
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1012.0	1013.2	28.3		28.9		14	155		3	241	
76750 CHETUMAL, Q.ROO	1829N	08818W	9		1011.1	1012.1	27.9		29.4		11	117		3	233	105
76805 ACAPULCO, GRO.	1650N	09956W	13		1009.7	1010.1	28.6	.6	31.4	.8	4	44	-101	2	288	118
76848 COMITAN, CHIS.	1615N	09208W	1530		837.5	1007.3	18.5		16.8		10	132		3	242	
76903 TAPACHULA, CHIS.	1455N	09216W	182		1002.7	1016.1	27.6		28.3		17	389		3	184	100
<b>BAHAMAS</b>																
78073 NASSAU AIRPORT	2503N	07728W	7		1014.2	1015.0	27.2	1.3	28.3	1.9	11	167	-8	4	254	114
<b>JAMAICA</b>																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1012.6	1012.7	28.2		30.1		6	89			239	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1010.3	1011.9	28.5		26.9		5	69		1	219	
<b>DOMINICAN REPUBLIC</b>																
78458 PUERTO PLATA	1945N	07034W	5		1012.2	1012.8	27.2		28.5		5	20				
78486 SANTO DOMINGO	1826N	06953W	14		1011.0	1012.6	27.9	1.2	30.1	2.8	8	130	-56	2		
<b>PUERTO RICO AND US POSS</b>																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1013.6	27.7	.0	30.3		16	117	-28	2		
<b>BELIZE</b>																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1011.4	1011.9	27.5	.9	30.8		20	355	100	4	250	129
<b>COSTA RICA</b>																
78762 JUAN SANTAMARIA	1000N	08413W	939		908.8	1009.7	22.3		22.4		23	303		3		
78767 PUERTO LIMON	1000N	08303W	3		1010.3	1011.1	25.5		27.1		14	157		3	145	90
<b>ST. MAARTEN, ST. EUST., SABA</b>																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1014.2	1014.7	27.8	.0	26.1	-2.8	14	123	14	4	282	119
<b>ST. MARTIN, ST. BARTH., GUAD.</b>																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1012.3		27.3	.3	30.3		17	188	-40	3	178	90
<b>MARTINIQUE</b>																
78925 LE LAMENTIN	1436N	06100W	7		1012.1	1013.0	27.2	.5	28.0	-1.4	20	220	-50	3	196	86

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>BARBADOS</b>																
78954 GRANTLEY ADAMS	1304N	05929W	56		1006.3	1012.7	27.7		29.9		15	158		3	227	
<b>TRINIDAD AND TOBAGO</b>																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1009.4	1011.9	26.9	.5	29.4	.7	16	214	15	3	199	96
<b>CURACAO AND BONAIRE</b>																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1010.2	1011.1	28.5	.2			9	129	46	4	274	112
<b>COLOMBIA</b>																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1010.6	1010.7	27.7	.3	32.0	1.2	20	271	-31	1	175	99
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				27.8		31.3		23	391		1	190	95
<b>S AMERICA</b>																
<b>COLOMBIA</b>																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1008.3	1008.8	29.7	2.0	30.2	1.2	5	101	8	4	240	115
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1008.5	1008.7	28.4	.8	32.1	1.7	8	78	-166	3	192	110
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1007.4	1009.1	28.3	1.0	31.5	1.3	8	110	-72	4	195	120
80084 APARTADO/LOS CEDROS	0748N	07642W	20				27.1		29.4		15	323	0	0	157	115
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				27.6	.5	28.8	.4	13	409	16	4	192	119
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.0		21.7		21.2		10	113	-44	4	198	130
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		974.0	1008.5	28.7	1.1	25.0	-0.4	7	51	-89	5	222	114
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		988.0	1002.0	26.2	-0.5	28.6	-0.2	9	38	-123	4	209	110
80112 RIONEGRO/J. M. CORDOVA	0608N	07526W	2142		790.2		16.5		14.9		16	221		3	165	120
80139 PUERTO CARRENO/A. GUAUQUEA	0610N	06730W	55				28.9	1.4	28.2	.8	12	139	-48	3	210	109
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.5	.5	29.2	.0	25	460	-161	0	125	106
80210 PEREIRA/MATECANA	0449N	07544W	1342		864.8		21.7	.8	18.8	-0.5	18	301	27	3	159	118
80214 IBAGUE/PERALES	0426N	07509W	928				23.6	.5	22.2	-0.3	16	369	137	4	197	135
80222 BOGOTA/ELDORADO	0442N	07408W	2546		751.9		13.6	.4	12.4	-0.2	7	56	-59	4	135	113
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		959.3	1008.5	25.7	.6	25.8	.8	22	606	175	2	160	106
80241 LAS GAVIOTAS	0433N	07055W	167		988.6	1007.9	25.8	.0	27.8	.0	18	291	25	4	163	98
80259 CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		904.9		23.6		22.0		11	139	21	5	200	130
80315 NEIVA/BENITO SALAS	0258N	07518W	443		956.8	1004.9	29.1	1.6	23.3	-0.6	6	94	-118	4	176	105
80370 IPIALES/SAN LUIS	0049N	07738W	2961				10.9	-0.2	10.4	-0.5	13	111	4	4	123	104
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		1000.7	1009.6	25.6	-0.7	28.8	-0.2	22	325	34	2	167	98
<b>VENEZUELA</b>																
80403 CORO	1125N	06941W	17				29.1	.8	29.0		2	59	6	4	260	104
80407 MARACAIBO-LA CHINITA	1034N	07144W	65		1000.1	1007.6	27.9	.4	29.2		9	103	-11	3	178	98
80410 BARQUISIMETO	1004N	06919W	614				24.5	.5	23.9		5	28	-21	2	215	95
80413 MARACAY - B.A. SUCRE	1015N	06739W	437				26.5	1.8	25.8		9	70	-29	2	238	101
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1003.6	1009.0	28.9	1.6	32.9		5	50	-6	4	231	112
80416 CARACAS/LA CARLOTA	1030N	06653W	835				25.0	2.6			10	76	-47		218	104
80419 BARCELONA	1007N	06441W	7				28.5	1.5	28.7		2	11	-48	0	246	94
80420 CUMANA	1027N	06411W	4				27.5		23.7		6	63			262	110
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19				28.6		33.1		2	7			279	100
80423 GUIRIA	1035N	06219W	14				26.7	-0.7	26.1		6	91	-25	2	211	92



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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	%	
80425 MENE GRANDE	0949N	07056W	28				27.9	1.0	30.6		13	302	124	5	188	99
80426 VALERA	0921N	07037W	582				24.9		24.0		14	139			294	
80427 ACARIGUA	0933N	06914W	225				25.9	.3	25.8		7	152	-25		205	102
80428 GUANARE	0901N	06944W	163				26.7	.9	26.9		12	173	1		191	92
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429				26.0		25.4		11	106			234	105
80432 CARRIZAL	0925N	06655W	161				26.6		28.8		8	63			244	100
80434 VALLE DE LA PASCUA	0913N	06601W	125				27.3		25.8		7	26			239	
80435 MATURIN	0945N	06311W	66				27.2	.5	24.6		9	60	-47	1	228	98
80437 EL VIGIA	0838N	07139W	103				27.5		27.1		7	163			166	
80438 MERIDA	0836N	07111W	1498		849.4	1491 Y	20.4	1.3	16.8		19	160	-123	1	198	103
80440 BARINAS	0837N	07013W	204				26.9		25.5		8	135			193	
80442 CALABOZO	0856N	06725W	101				27.5		27.4		8	141			260	
80444 CIUDAD BOLIVAR	0809N	06333W	48				28.8	.6	29.4		6	47	-50	1	260	100
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378				27.2	.9	18.4		6	48	-72	2	199	104
80448 GUASDUALITO	0714N	07048W	131				26.0	.1	24.0		11	148	-39		209	107
80450 SAN FERNANDO DE APURE	0754N	06725W	48				28.2	1.1	30.9		3	55	-44	1	266	110
80453 TUMEREMO	0718N	06127W	181		987.6	1007.9	26.2	.2	26.5		4	30	-46	2	249	112
80457 PUERTO AYACUCHO	0536N	06730W	74		1002.9	1011.4	26.7	.5	20.4		12	138	-45	2	228	113
80462 SANTA ELENA DE UAIREN	0436N	06107W	907				23.1	1.6	20.2		8	44	-78	1	269	112
80472 VALENCIA	1010N	06756W	431				27.0		27.1		11	120			216	
80475 STO. DOMINGO (B.A.)	0735N	07204W	327				25.0		24.0		16	307			191	110
80479 PALMICHAL	1018N	06814W	1000		899.2		21.1		21.6		15	131			150	
<b>SURINAME</b>																
81225 ZANDERIJ	0527N	05512W	15		1009.1	1011.1	27.1				9	92			206	
<b>FRENCH GUIANA</b>																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1011.1	1012.2	27.4		29.0		6	46	-59	1		
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1010.4	1011.3	26.8		27.9		6	20	-61	1	272	104
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1010.2	1010.9	26.8		27.2		2	23	-44	1	232	94
81415 MARIPASOULA	0338N	05402W	106		999.2	1011.2	27.3		25.6		7	19	-53	1	266	103
<b>BRAZIL</b>																
82098 MACAPA	0002N	05103W	15		1009.8	1011.6	28.6	.7	30.8		0	T	-35	1	299	106
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90		998.0	1007.7	26.6		30.4		17	280		5	185	
82191 BELEM	0127S	04828W	10		1009.1	1009.7	27.2	.8	29.2		18	120	4	4	221	97
82212 FONTE BOA	0232S	06610W	56		1003.6	1011.7	26.9		45.1		15	209		4	185	
82246 BELTERRA	0238S	05457W	176		992.2	1011.9	27.4	1.6	29.8		2	12	-35	2	257	111
82280 SAO LUIZ	0232S	04418W	51		1005.2	1011.0	27.5	.9	29.3		0	0	-10	1	262	104
82287 PARNAIBA	0305S	04147W	22		1005.3	1008.0	28.2	.7	27.0		0	0	-3	4	320	106
82397 FORTALEZA	0346S	03836W	26		1005.3	1012.9	27.1	.1	26.6		3	41	26	5	292	99
82410 BENJAMIN CONSTANT	0423S	07002W	65				26.6		29.7		16	214		3	162	
82425 COARI	0405S	06308W	46		1004.2	1010.4	28.0		29.7		13	210		4	172	
82445 ITAITUBA	0416S	05559W	45		1006.8	1012.0	29.2	1.4	33.0		6	81	-1	4	225	124
82533 MANICORE	0549S	06118W	50		1004.4	1010.0	27.0		29.7		13	210		4	172	
82562 MARABA	0521S	04909W	95		998.9	1009.6	28.5	1.8	27.4		3	43	-76	1	161	
82571 BARRA DO CORDA	0530S	04516W	153		992.7	1012.2	28.6	1.6	26.1		4	22	-26	2	203	126
82578 TERESINA	0505S	04249W	74		1001.9	1007.1	30.4	1.4	23.0		1	32	14	1	306	123
82586 QUIXERAMOBIM	0512S	03918W	212		985.5	1009.1	28.6	.8			1	2	0	3	313	115

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
82598 NATAL	0546S	03512W	45		1008.7	1014.0			28.5		4	0029		4	293	100
82678 FLORIANO	0646S	04301W	123		996.2	1011.7	31.3	2.5	19.4		3	6	-58	1	290	131
<b>82704 CRUZEIRO DO SUL</b>	0738S	07240W	170		985.9	1005.2	26.5		29.9		13	173		4	128	
82723 LABREA	0715S	06450W	60		1002.4	1010.6	26.6		29.9		13	173		4	128	
82765 CAROLINA	0720S	04728W	192		989.2	1013.1	27.9	1.3	27.7		7	139	-17	3	167	107
82784 BARBALHA	0719S	03918W	409		965.7	1012.0	28.5	1.8	16.3		1	2	0	1	310	116
82791 PATOS	0701S	03716W	249		983.6	1011.3	28.7		17.8		0	0		0	324	105
82825 PORTO VELHO	0846S	06305W	95		999.3	1006.2	26.6	.8	28.2		11	184	-1	3	165	110
<b>82861 CONCEICAO DO ARAGUAIA</b>	0815S	04912W	160		989.8	1006.7	26.7	.7	30.4		9	51	-118	0	177	109
82900 RECIFE (CURADO)	0803S	03455W	7		1013.8	1014.7	26.0	.5	26.0		8			3	189	77
82915 RIO BRANCO	0958S	06748W	136		991.7	1010.1	26.4	.7	29.0		9	173	2	4	203	139
82983 PETROLINA	0923S	04029W	370		970.2	1011.3	28.9	1.1	17.2		0	0	-21	2	311	121
<b>83064 PORTO NACIONAL</b>	1031S	04843W	250		982.9	1009.5			25.2		5	55	-128	0	215	122
83096 ARACAJU	1055S	03703W	6		1014.2	1014.9	26.2	.3	25.1		8	8	-64	2	294	118
83186 JACOBINA	1111S	04028W	484		959.1	1012.0	25.7	1.0	17.3		1	2	-29	1	272	135
<b>83229 SALVADOR</b>	1301S	03831W	51		1009.5	1015.5	25.8	.8	25.9		2	16	-106	1	300	132
83235 TAGUATINGA	1216S	04626W	660		943.2	1009.1	28.3	2.9	19.0		9	69	-76	2		
<b>83236 BARREIRAS</b>	1209S	04500W	440		960.3	1008.3	28.5	2.6	15.3		3	35	-68	2	244	115
83242 LENCOIS	1234S	04123W	438		964.2	1013.2	24.9	1.1	17.4		1	18	-77	1	236	
<b>83264 VERA (GLEBA CELESTE)</b>	1212S	05630W	415				26.9	1.9	25.6		9	152	-26	2	180	115
83288 BOM JESUS DA LAPA	1316S	04325W	440		960.8	1011.2	27.9	1.1	19.2		1	10	-64	1		
83332 POSSE	1406S	04622W	950		920.9	1010.1	27.7	3.3	16.4		6	112	-11	3	267	148
83344 VITORIA DA CONQUISTA	1457S	04053W	893		917.8	1014.0	20.7	.0	17.5		1	1	-55	0	273	154
<b>83361 CUIABA</b>	1533S	05607W	179		992.2	1012.2	29.4	2.0	26.2		5	176	61	5	219	101
83423 GOIANIA	1641S	04917W	729		928.9	1009.5	27.7	3.1	18.5		6	34	-136	0		
83437 MONTES CLAROS	1643S	04352W	646		939.4	1010.7	25.4	1.7	16.2		2	34	-76	2	296	150
83492 TEOFILLO OTONI	1751S	04130W	356		974.2	1012.3	24.8	1.9	20.4		2	8	-117	1	230	164
<b>83498 CARAVELAS</b>	1744S	03915W	3		1015.8	1016.3	24.9	.7	23.9		11	54	-93	2	244	135
83552 CORUMBA	1900S	05739W	130				29.7	3.1			3	34	-48	1		
83579 ARAXA	1934S	04656W	1004		1010.3	1019.2	24.8	3.4	16.1		8	61	-92	1	270	132
83587 BELO HORIZONTE	1950S	04356W	850		912.6	1011.3	24.4	2.5	13.6		4	32	-91	1	273	144
83592 CARATINGA	1948S	04209W	609		945.8	1013.4	23.0	1.0	19.2		4	72	-47	2	265	165
83618 TRES LAGOAS	2047S	05138W	313		974.1				23.7		6	200	73	0		
83648 VITORIA	2019S	04020W	36		1011.2	1015.4	25.5	2.0	23.3		5	20	-106	1	249	
83676 CATANDUVA	2108S	04858W	536		949.1	1010.5	27.8	4.6	19.4		6	10	-103	3		
83698 CAMPOS	2145S	04120W	11		1012.6	1014.0	25.1		23.8		3	25	0	0		
83702 PONTA PORA	2232S	05544W	650		936.9	1011.9	24.9	3.3	20.7		7	115	-60	2	180	86
83766 LONDRINA	2323S	05111W	566		948.4	1012.0	25.9	5.2	21.7		5	28	-128	0	177	97
<b>83781 SAO PAULO</b>	2330S	04637W	792		924.6	1012.6	23.3	4.3	18.9		9	125	2	3	191	141
83836 IRATI	2528S	05038W	837		915.3	1011.1	19.6		18.6		13	190		4	113	
<b>83842 CURITIBA</b>	2526S	04916W	923		912.8	1015.0	20.0	3.5	21.7		18	395	261	5	96	70
<b>83881 IRAI</b>	2711S	05314W	247		983.7	1013.5	22.2	2.0	21.7		18	395	220	5	96	48
83897 FLORIANOPOLIS	2735S	04834W	2		1013.5	1013.7	22.2	2.6	19.0		13	174	48	4	126	79
83967 PORTO ALEGRE	3001S	05113W	47		1008.8	1014.2	21.0	1.8	21.0		14	178	64	5	135	67
83980 BAGE	3120S	05406W	217		984.7	1012.6	19.3	1.8	19.3		11	261	131	5	155	77
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1011.6	1016.0	17.7	2.0	18.5		10	66	-21	2	153	73
<b>PERU</b>																
84370 TUMBES	0333S	08024W	27		1007.5	1010.4	24.5		23.6		00	0		3		

# SURFACE

## OCTOBER 2002

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	
84377 IQUITOS	0345S	07315W	126		999.1	1009.7	26.1		27.6		20	551	310	6		
84401 PIURA	0511S	08036W	55		1008.5	1015.4	22.3		19.9		0	0	-1	4		
84452 CHICLAYO	0647S	07950W	34		1010.3	1013.4	20.6		18.7		0	0	-1	4		
84455 TARAPOTO	0627S	07623W	282		981.1	1016.1	27.6		28.0		6	87	-30	2		
84501 TRUJILLO	0806S	07902W	30		1010.1	1014.2	18.9		18.7		0	0	-1	5		
84515 PUCALLPA	0825S	07436W	149		991.8	1009.3	27.3		27.9		9	128		2		
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1011.7	1013.3	17.3		16.9		0	0	-1	2		
84686 CUZCO	1333S	07159W	3249		687.5		13.1		8.3		8	77	30	4		
84691 PISCO	1345S	07617W	7		1011.0	1011.7	18.2		17.3		0	0	-1	5		
84735 JULIACA	1529S	07009W	3826		644.4		11.9		7.4		15	99	58	5		
84752 AREQUIPA	1619S	07133W	2539		752.7		16.1		5.7		0	0	-1	5		
84782 TACNA	1804S	07018W	469		963.5	1016.9	17.8		14.1		0	0	-3	4		
<b>BOLIVIA</b>																
85033 GUAYARAMERIN	1049S	06521W	130		993.1	1008.7	28.1		11.5		11	76		1		
85041 COBIJA	1102S	06847W	235		983.1	1013.9	27.3		19.1		9	201		4		
85043 RIBERALTA	1100S	06607W	141		992.6	1009.7	28.5		19.6		9	115		2		
85104 SAN JOAQUIN	1304S	06449W	140		991.4	1007.3	28.6		19.5		9	109		3		
85109 SAN RAMON	1318S	06442W	140		991.6	1007.6	28.0		19.4		9	248				
85114 MAGDALENA	1320S	06407W	141		991.8	1008.7	28.2		19.0		8	78		1		
85123 SANTA ANA	1346S	06526W	144		992.3	1008.7	28.1		18.9		6	154		4		
85141 RURRENABAQUE	1428S	06734W	204		988.8	1011.8	26.8		20.4		7	222		5		
85151 APOLO	1444S	06830W	1415		857.6		23.8		14.4		7	93		2		
85152 SAN BORJA	1452S	06652W	194		986.6	1009.8	28.0		18.8		6	79		2		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		993.1	1011.7	27.6		18.6		5	87		2		
85154 TRINIDAD	1449S	06455W	155		991.4	1008.9	27.9		19.2		7	56		1		
85175 ASCENSION DE GUARAYOS	1543S	06306W	247		981.1	1008.9	28.7		17.2		3	21		1		
85195 SAN JAVIER	1616S	06228W	534		950.0	1010.1	27.5		16.3		0	0		0		
85196 CONCEPCION	1609S	06201W	497		953.1	1009.4	27.7		16.3		4	81		3		
85201 LA PAZ/ALTO	1631S	06811W	4038		629.2		8.2		5.2		11	101		6		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		963.1	1009.4	28.0		16.0		3	45		2		
85210 SAN MATIAS	1620S	05823W	124		996.0	1010.1	29.9		17.9		3	51				
85223 COCHABAMBA	1725S	06611W	2548		741.7		19.9		7.9		4	19		4		
85230 CHARANA	1735S	06936W	4054		629.3		8.6		3.5		2	12		4		
85242 ORURO	1758S	06704W	3072		653.9		11.5		4.6		5	16		4		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		959.7	1006.4	27.4		15.7		4	48		2		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		977.2	1009.0	29.8		16.5		3	22		1		
85264 VALLEGRANDE	1828S	06406W	1998		771.0		18.8		10.5		5	48				
85268 ROBORE	1819S	05946W	276		977.8	1009.2	31.3		17.0		5	73		2		
85283 SUCRE	1901S	06518W	2904		718.6		16.1		7.7		13	76		6		
85289 PUERTO SUAREZ	1859S	05749W	134		990.9	1006.0	30.7		19.0		3	13		0		
85293 POTOSI	1933S	06544W	3935		635.7		7.8		4.3		7	34				
85315 CAMIRI	2000S	06332W	798		918.4	1005.8	26.8		13.1		4	26		3		
85345 VILLAMONTES	2115S	06327W	398		959.0	1008.5					4	128				
85364 TARIJA	2133S	06442W	1854		810.1		21.5		11.4		12	102		6		
85365 YACUIBA	2157S	06339W	645		933.8	1005.9	26.7		15.6		8	147		5		
<b>CHILE</b>																
85406 ARICA	1821S	07020W	55		1010.1	1014.5	18.2	.7	14.7	-.3	0	0	0	5	196	100

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## OCTOBER 2002

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	hr		
85418 IQUIQUE	2032S	07011W	48			1014.7	17.4	.5	13.8	-.3	0	0	0	5	214	90
<b>85442 ANTOFAGASTA</b>	2326S	07027W	140			1015.1	15.8	.3	13.3	.0	0	0	-1	4	280	115
<b>85469 ISLA DE PASCUA</b>	2710S	10926W	69		1013.4	1021.5	20.1		16.6		8	110		5	232	110
85470 COPIAPO	2718S	07025W	290		978.9	1012.9	15.4	.6	12.8	.3	0	0	-1	5	279	105
<b>85488 LA SERENA</b>	2955S	07112W	146		999.6	1015.6	13.1	.2	12.2	.0	0	0	-2	2	262	135
85574 PUDAHUEL	3323S	07047W	474		960.5	1015.9	13.7		10.7		1	3		2	231	90
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		955.2	1015.2	14.8		11.3		2	4		2	203	95
<b>85585 ISLA JUAN FERNANDEZ</b>	3337S	07849W	30		1014.0	1017.7	13.2		12.0		12	57		3	136	
<b>85629 CURICO</b>	3458S	07113W	220								5	24	-11	3	197	90
85672 CHILLAN	3635S	07202W	148								15	202	133	6	178	70
85682 CONCEPCION	3646S	07304W	13		1016.1	1017.1	11.8	.3	11.1	.1	12	182	118	6	188	70
<b>85743 TEMUCO</b>	3846S	07238W	93		1005.0	1016.4	10.4	-.2	9.7	-.7	16	272	187	6	168	90
85766 VALDIVIA	3938S	07305W	19								17	398	289	6	163	80
85782 OSORNO	4036S	07303W	58								16	207	127	6		
<b>85799 PUERTO MONTT</b>	4126S	07306W	90		1002.7	1013.9	9.7	.1	10.0	.0	22	261	141	6	155	100
85864 COYHAIQUE	4536S	07206W	311		969.0	1006.1	7.3	-1.1	7.7	.0	16	135	81	5	138	
<b>85874 BALMACEDA</b>	4555S	07142W	522		944.3	1005.4	6.0	-.7	7.0	.4	11	53	24	5	215	
<b>85934 PUNTA ARENAS</b>	5300S	07051W	43		991.8	997.9	5.1	-1.3	6.2	-.7	8	52	24	5	202	110
<b>URUGUAY</b>																
<b>86330 ARTIGAS</b>	3023S	05630W	120		996.9	1011.0	20.8	2.1	19.9	5.5	15	211	74	5	171	69
86350 RIVERA	3053S	05532W	241		984.0	1011.9	19.8		19.1		14	332		5	162	70
86360 SALTO	3123S	05757W	33		1006.2	1011.0	20.3	2.3	18.9	4.6	10	306	188	5	185	77
86430 PAYSANDU	3220S	05802W	61		1005.1	1012.3	19.6		18.0		7	118		3	202	80
<b>86440 MELO</b>	3222S	05413W	100		1000.2	1012.2	19.3	2.4	18.7	5.0	13	172	70	5	150	65
86460 PASO DE LOS TOROS	3248S	05631W	75		1002.6	1011.5	19.3	2.0	18.1	3.7	11	166	55	4	191	85
<b>86490 MERCEDES</b>	3315S	05804W	17		1009.4	1011.5	19.3	2.5	18.0	3.5	10	218	116	5	199	85
86500 TREINTA Y TRES	3313S	05423W	46		1007.2	1012.7	18.8	2.5	18.0	3.9	10	130	32	4	176	80
86560 COLONIA	3427S	05750W	23		1008.6	1010.8	19.2	2.4	16.7	2.6	8	59	-54	2	178	77
<b>86565 ROCHA</b>	3429S	05418W	18		1010.8	1013.1	17.0	1.9	16.4	1.9	11	85	-13	2	180	84
86580 CARRASCO	3450S	05600W	32		1008.5	1012.3	17.5	1.8	16.4	3.3	10	107	0	3	187	77
<b>ARGENTINA</b>																
<b>87007 LA QUIACA OBSERVATORIO</b>	2206S	06536W	3459		672.4	3119 Z	13.1	2.4	6.3	.7	8	81	65	3	286	
87016 ORAN AERO	2309S	06419W	357		965.0	1004.9	24.9	1.3	20.6	3.0	9	127	76	5	171	
87022 TARTAGAL AERO	2239S	06349W	450		956.0	1005.6	26.6		5.2		10	91			203	
87046 JUJUY AERO	2423S	06505W	905		907.2	1470 Y	23.5		15.4		4	89		5	215	90
<b>87047 SALTA AERO</b>	2451S	06529W	1221		875.8	1478 Y	21.0	2.3	14.6	2.1	6	73	47	5	232	127
87078 LAS LOMITAS	2442S	06035W	130		992.1	1006.7	27.7	3.4	21.6	4.7	6	0079	0026	4	228	88
87097 IGUAZU AERO	2544S	05428W	270		980.1	1010.7	22.7		22.8		15	287		5	104	
87121 TUCUMAN AERO	2651S	06506W	450		957.2	1007.5	23.2		17.7		5	100			206	
<b>87129 SANTIAGO DEL ESTERO AERO.</b>	2746S	06418W	199		985.1	1008.1	23.5	1.2	13.6	-1.0	5	210	177	6	226	
87155 RESISTENCIA AERO.	2727S	05903W	52		1002.7	1008.5	23.2		22.6		14	151		4	127	60
87166 CORRIENTES AERO.	2727S	05846W	62		1002.2	1009.3	23.0	1.6	23.0	5.2	14	176	56	5	172	70
87178 POSADAS AERO.	2722S	05558W	125		995.3	1009.6	22.9	1.3	21.8	3.8	19	386	209	5	204	101
87222 CATAMARCA AERO.	2836S	06546W	454		954.1	1004.4	25.1		14.8		4	47		5	214	80
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		969.9	1008.8			19.2	4.9	9	128	72	5		
<b>87257 CERES AERO</b>	2953S	06157W	88		999.4	1009.6	20.5	.7	20.0	4.4	6	88	17	4	213	85
87270 RECONQUISTA AERO	2911S	05942W	53		1003.8	1009.9	21.9	1.9	17.8	.0	12	146	15	4	191	77

## 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	
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1002.5	1010.6	21.4	1.6	21.0	4.5	9	341	190	5	134	65
87311 SAN JUAN AERO	3134S	06852W	598		941.3	1008.2	20.6		8.4		2	5		4	275	90
87322 CHEPES	3120S	06636W	658			1009.3	21.9	1.3	13.0	.0	2	5	-15	1		
87328 VILLA DOLORES AERO	3157S	06508W	569		976.0	1008.8	22.5	2.7	12.4	1.6	2	76	38	1	309	117
<b>87344 CORDOBA AERO</b>	3119S	06413W	474		956.5	1010.0	19.7	1.5	15.2	2.6	5	80	7	4	251	
87349 PILAR OBSERVATORIO	3140S	06353W	338		964.2	1010.7	19.2	1.5	15.0	2.6	7	56	-7	3	247	100
87393 MONTE CASEROS AERO	3016S	05739W	54		1004.9	1011.1	21.2	1.8	20.6	4.5	14	171	31	4	180	75
87395 CONCORDIA AERO	3118S	05801W	38		1006.8	1011.2	20.4	1.7	19.6	4.3	9	390	268	5	172	
<b>87418 MENDOZA AERO</b>	3250S	06847W	704		929.7	1008.1	19.5	1.4	10.2	.8	4	16	5	4	250	89
87436 SAN LUIS AERO	3316S	06621W	713			1008.5	20.1	1.7	10.3	.3	4	17	-18	2	285	98
87453 RIO CUARTO AERO	3307S	06414W	420		962.0	1010.1	18.1	1.2	13.4	1.7	7	99	13	3	296	
87467 MARCOS JUAREZ AERO	3242S	06209W	114			1010.9	19.5	2.2	17.1	3.1	8	62	-32	2	206	97
87480 ROSARIO AERO	3255S	06047W	25		1007.8	1010.8	19.8	2.5	17.8	3.4	10	281	190	6	216	91
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1009.3	1011.8	19.6	2.2	17.5	3.1	9	203	103	5	185	88
87506 MALARGUE AERO	3530S	06935W	1425		855.5	1478 Y	13.1	1.0	5.1	-1.6	1	4	-15	2	272	
87509 SAN RAFAEL AERO	3435S	06824W	748		926.0	1010.1	15.5	- .7	9.0	- .1	2	11	-13	3	214	84
87532 GENERAL PICO AERO	3542S	06345W	145			1011.1	17.4	1.2	13.4	1.2	8	97	17	4	184	
<b>87534 LABOULAYE</b>	3408S	06322W	137		995.4	1011.4	17.5	.9	15.6	3.2	9	96	20	4	234	97
87544 PEHUAJO AERO	3552S	06154W	87		1002.2	1012.6	17.9	2.8	14.5	1.2	8	131	19	4	105	
87548 JUNIN AERO	3433S	06057W	81		1002.3	1011.8	17.6	1.9	15.9	2.8	10	185	79	5	211	95
87550 NUEVE DE JULIO	3527S	06053W	76		1002.8	1011.8	17.2	1.2	14.6	1.1	9	140	30	4		
87563 LAS FLORES AERO	3604S	05906W	38		996.2	1013.5	15.0		13.6		10	217		5	224	
87576 EZEIZA AERO	3449S	05832W	20		1010.3	1012.7	18.5	2.6	15.7	2.5	8	66	-42	2	170	102
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1012.0	1012.7	19.2	2.1	16.5	2.2	9	72	-38	3	207	95
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1009.8	1012.8	19.3	2.1	16.2	2.5	10	111	-8	3	196	90
87593 LA PLATA AERO	3458S	05754W	19		1009.9	1012.7	17.2	2.0	16.8	2.9	7	51	-60	1	188	91
87596 PUNTA INDIO B.A.	3522S	05717W	22		1010.6	1013.3	17.3	2.0	17.7	3.8	9	44	-44	1	205	93
87623 SANTA ROSA AERO	3634S	06416W	191		989.5	1011.7	16.0	.4	12.3	.8	7	83	13	4	221	98
87640 BOLIVAR AERO	3612S	06104W	934			1013.1	16.4		14.6		7	160			224	
87641 AZUL AERO	3650S	05953W	147		996.2	1013.5	15.0		13.6		8	164		5	225	105
87645 TANDIL AERO	3714S	05915W	175		992.6	1013.2	14.6		12.5		11	194		5	233	100
87648 DOLORES AERO	3621S	05744W	9		1012.4	1013.4	16.7	2.3	15.5	2.4	9	125	33	4	151	74
87688 TRES ARROYOS	3820S	06015W	115		999.0	1012.6	15.1		11.9		9	111		5	213	95
<b>87692 MAR DEL PLATA AERO</b>	3756S	05735W	21		1011.1		14.8	1.7	12.5	.5	8	254	171	5	194	112
87736 RIO COLORADO	3901S	06405W	79		1002.3	1011.6	17.6		12.6		6	41			211	
<b>87750 BAHIA BLANCA AERO</b>	3844S	06210W	83		1002.2	1011.9	16.1	1.7	12.2	1.8	10	227	157	5	211	
87765 BARILOCHE AERO	4109S	07110W	840		916.2	1451 Y	6.4	-1.1	6.4	- .5	15	182	144	6	200	80
87774 MAQUINCHAO	4115S	06844W	888		908.8	1444 Y	10.7	1.1	6.4	.8	0	0	-13	0		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1007.3	1009.7	15.9	.7	6.8	-2.1	1	1	-22	1	209	
87791 VIEDMA AERO	4051S	06301W	7		1009.3	1010.2	15.2		8.7		4	19		3	242	
87800 EL BOLSON AERO	4158S	07131W	337		971.5	1011.6	10.0		8.3		16	229			156	
<b>87803 ESQUEL AERO</b>	4256S	07109W	785		916.4	1007.9	7.1	-1.1	5.6	- .3	9	82	57	5	241	
87823 P. MADRYN AERO	4244S	06504W	136		991.1	1007.3	14.5		8.5		2	60			237	
<b>87828 TRELEW AERO</b>	4312S	06516W	43		1002.5	1007.7	14.3	.6	6.9	.2	2	6	-10	2	247	101
87852 PERITO MORENO AERO	4631S	07101W	429		951.8	1002.3	9.4		10.2		3	12			225	
<b>87860 COMODORO RIVADAVIA AERO</b>	4547S	06730W	46		998.4	1003.9	13.0	.3	5.9	- .6	3	6	-8	2	224	115
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		957.0	999.3	8.7		6.0		7	34			202	
87896 PUERTO DESEADO AERO	4744S	06555W	80		991.7	1001.4	9.8	- .2	7.9	.5	9	38		5	138	
87909 SAN JULIAN AERO	4919S	06745W	62		993.5	1001.0	8.5		7.2		13	66		5	180	

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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	
87925 RIO GALLEGOS AERO	5137S	06917W	19		996.4	998.7	7.1	-1.4	6.3	-.1	9	51	35	5	214	
87938 USHUAIA AERO	5448S	06819W	14		987.7	994.6	4.5	-1.7	6.2	-.7	10	40	5	1	122	
<b>ANTARCTICA</b>																
<b>ARGENTINA (ANTARCTIC)</b>																
88963 BASE ESPERANZA	6324S	05659W	13		988.8	991.7	-10.6	-7.0	2.5		13	40	-16	1	86	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198		970.0	995.7	-14.7		1.8		2	7		0	89	
<b>UNITED KINGDOM (ANTARCTIC)</b>																
89022 HALLEY	7530S	02639W	30		988.3	992.3	-17.6		1.4						165	
<b>USSR (ANTARCTIC)</b>																
89050 BELLINGSHAUSEN	6212S	05856W	16		987.8	989.7	-5.8		3.6		16	51			58	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		977.6	992.6	-9.1		1.3		01	1			21	
89592 MIRNYJ	6633S	09301E	30		987.3	993.1	-12.2		1.8		5	24				
<b>GERMANY (ANTARCTIC)</b>																
89002 NEUMAYER	7040S	00815W	50		988.2	993.4	-16.8		1.4						225	
<b>URUGUAY (ANTARCTIC)</b>																
89054 DINAMET-URUGUAY	6211S	05851W	17		987.3	989.2	-5.4		2.9		5	11			43	
<b>CHILE (ANTARCTIC)</b>																
89056 CENTRO MET. ANTARTICO ' ' PDTE. ED	6211S	05859W	48		983.8	989.3	-5.9		3.5	-.8	17	42		4	29	
89057 BASE ARTURO PRAT	6230S	05941W	5		989.4	989.8	-5.9	-3.1	3.5	-.7	17	109	32	4	59	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		988.6	989.6	-7.7	-4.2	3.2	-.6	13	39	-48	2	47	
<b>JAPAN (ANTARCTIC)</b>																
89532 SYOWA	6900S	03935E	21		991.3	994.0	-11.0	2.4	1.8	.2					256	
<b>AUSTRALIA (ANTARCTIC)</b>																
89564 MAWSON	6736S	06252E	16		992.4	994.5	-11.5		1.4						197	
89571 DAVIS	6834S	07757E	13		990.3	993.3	-9.7		1.8			2	-2	1	157	
<b>USSR (ANTARCTIC)</b>																
89606 VOSTOK	7827S	10652E	3490		626.0		-55.9				2	9			448	
<b>AUSTRALIA (ANTARCTIC)</b>																
89611 CASEY	6617S	11031E	42		985.9	991.3	-12.2		1.9		12	37			157	
<b>FRANCE (ANTARCTIC)</b>																
89642 DUMONT D'URVILLE	6640S	14001E	43		987.1	992.7	-13.5		1.3						316	
<b>SW PACIFIC</b>																
<b>MALAYSIA (PENIN. MALAYSIA)</b>																

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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 <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1010.0	1010.3	27.8	1.4	29.8	.0	18	206	-177	1		
48615 KOTA BHARU	0610N	10217E	5		1009.8	1010.4	27.4	.8	30.1	.6	10	167	-101	2		
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1007.5	1010.0	27.6	1.3	29.7	.6	20	288	16	4		
48657 KUANTAN	0337N	10313E	16		1008.4	1010.2	27.2	1.2	31.0	1.8	11	173	-98	1		
48665 MALACCA	0216N	10215E	9		1008.9	1009.9	27.9	1.5	29.9	.3	7	64	-148	1		
<b>SINGAPORE</b>																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.3	1010.1	28.7	1.9	31.1	1.5	5	11	-156	0	191	123
<b>USA (PACIFIC OCEAN NORTH)</b>																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1014.6	25.8	.5	25.0		7	70	-42	2		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1014.3	26.8	.4	23.4		3	54	-3	4		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1014.8	24.5	.2	8.7		17	166	-77	2		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1007.9	28.3	.7	32.1		16	200	-161	1		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1008.8	27.7	.7	31.4		18	197	-227	0		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1008.6	28.5	.6	31.5		22	307	5	3		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1008.3	28.2	.8	30.6		20	388	37	3		
91408 KOROR, PALAU IS.	0720N	13429E	33			1009.3	28.2	.5	31.1		19	223	-129	0		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1008.8	27.8	.6	32.3		17	335	31	4		
<b>NEW CALEDONIA</b>																
91577 KOUMAC (NILE-CALEDONIE)	2034S	16417E	18		1011.9	1014.0	23.4	.9	19.2		2	10	-29	3	248	97
91592 NOUMEA (NILE-CALEDONIE)	2216S	16627E	72		1006.8	1015.1	22.6	.7	19.4		2	8	-45	1	276	110
<b>FIJI</b>																
91650 ROTUMA	1230S	17703E	26			1012.2	27.6		30.3		20	259		4	193	105
91680 NANDI	1745S	17727E	25			1014.2	24.4	-.9	23.3		9	143	40	5	194	86
91683 NAUSORI	1803S	17834E	7			1015.3	23.5		23.7		14	271		5		
91699 ONO-I-LAU	2040S	17843W	28			1014.2	21.9		21.6		7	28		1		
<b>SAMOA (USA)</b>																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3		1010.3	1010.6	27.9		29.6		14	301		4	199	125
<b>FRENCH POLY. (MARQUESAS)</b>																
91925 ATUONA	0948S	13902W	52		1005.2	1011.0	25.8		26.7		18	107	22	5	202	84
<b>FRENCH POLY. (SOCIETY IS)</b>																
91929 BORA-BORA	1626S	15145W	3		1011.7	1012.1	27.9		27.8		2	31		1	255	
91938 TAHITI-FAAA	1733S	14937W	2		1012.2	1012.5	27.0		26.3		3	13	-77	1	295	127
<b>FRENCH POLY. (TUAMOTU IS)</b>																
91943 TAKAROA	1429S	14502W	3		1011.7	1012.0	27.7		27.9		9	101	-28	3	252	100
91948 RIKITEA	2308S	13458W	89		1004.8	1014.9	23.0		23.3		12	341	193	6	185	98
<b>FRENCH POLY. (AUSTRAL IS)</b>																
91954 TUBUAI	2321S	14929W	3		1014.6	1014.8	22.3		21.5		10	115	-5	3	189	100
91958 RAPA	2737S	14420W	2		1015.9	1016.2	18.8		18.6		13	188		4	133	90
<b>NEW ZEALAND</b>																

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
							°C	°C	mb	mb	mm	mm	hr	%		
93012 KAITAIA	3506S	17316E	54				13.4		12.6		9	68	-28	2	242	130
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1012.7	12.4	-1.4	9.7		10	59	1	4		
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1014.4	11.4		11.3		10	70		1		
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1012.3	11.8	- .6	10.7		10	57	-34	1	257	140
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1012.2	9.7		9.7		20	355		4		
93678 KAIKOURA	4225S	17342E	101			1009.3	10.9		8.4		4	31		2		
93780 CHRISTCHURCH	4329S	17233E	30			1009.3	9.7		9.1		7	36		3	272	130
93844 INVERCARGILL AERODROME	4625S	16819E	4			1008.3	9.4	- .5	9.0		15	163	73	5	193	120
93947 CAMPBELL ISLAND AWS	5233S	16909E	19			1002.0	6.7		7.8		17	99		1		
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1006.4	9.3		9.3		18	116		6		
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1017.8	17.3		14.6		10	76		5		
<b>AUSTRALIA</b>																
94120 DARWIN AIRPORT	1225S	13053E	31		1006.6	1010.5	29.3		26.4		1	9	-66	1	320	109
94150 GOVE AIRPORT	1217S	13649E	54		1005.0	1011.0	26.4		24.9		0	0		3	328	105
94203 BROOME AIRPORT	1757S	12214E	7		1009.1	1010.1	27.8		24.8		0	0	-1	1	334	
94212 HALLS CREEK AMO	1814S	12740E	424		962.7	1009.5	31.4		7.9		0	0	-16	1		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		969.1	1011.1	29.1		4.6		0	0	-20	1	346	111
94287 CAIRNS AERO	1653S	14545E	3		1012.5	1013.4	25.1		20.6		0	0	-43	1	319	120
94294 TOWNSVILLE AERO	1915S	14645E	9		1012.8	1013.8	25.2		20.7		0	0	-25	1	336	112
94299 WILLIS ISLAND	1618S	14959E	6		1011.9	1012.9	25.8		23.3		0	0	-19	1		
94312 PORT HEDLAND AIRPORT	2022S	11838E	9		1009.7	1010.7	27.5		16.2		0	0	-1	1		
94326 ALICE SPRINGS AERO	2348S	13353E	546		952.0	1013.4	23.4		5.0		0	0	-19	1	346	112
94332 MT ISA AERO	2041S	13929E	340		973.3	1011.5	26.9		5.0		0	0	-19	1	349	113
94346 LONGREACH AIRPORT	2326S	14417E	192		990.2	1012.2	26.4		4.9		0	0	-17	1		
94367 MACKAY MO	2107S	14913E	30		1010.9	1014.6	23.5		20.7		2	4	-35	1	327	110
94374 ROCKHAMPTON AERO	2323S	15029E	14		1013.2	1015.0	23.8		16.9		1	1	-45	1		
94403 GERALDTON AIRPORT	2848S	11442E	33		1012.8	1017.0	16.6		12.6		4	16	-4	3		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		954.6	1013.1	23.8		5.3		0	0	-6	1		
94461 GILES	2502S	12817E	598		945.4	1012.1	26.3		4.7		1	4	-9	3	345	105
94610 PERTH AIRPORT	3156S	11559E	31		1014.0	1016.4	16.2		11.9		5	38	-8	3	293	
94647 EUCLA	3141S	12853E	102		1003.3	1015.4	16.8		9.9		1	2		1		
94653 CEDUNA AIRPORT	3208S	13342E	16		1013.9	1015.7	17.0		9.2		1	8	-13	2	296	105
94693 MILDURA AIRPORT	3414S	14205E	52		1008.5	1014.8	17.1		7.5		1	5	-23	1	310	110
94711 COBAR	3129S	14550E	264		983.4	1014.0	20.6		5.6						360	119
94767 SYDNEY AIRPORT	3356S	15110E	5		1013.5	1014.1	18.9		12.3		3	10	-68	1	270	109
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1013.1	1014.2	18.6		11.9		2	6	-76	1	294	128
94791 COFFS HARBOUR MO	3019S	15307E	5		1014.1	1014.9	19.3		14.7		4	57	-46	3	280	113
94802 ALBANY AIRPORT	3456S	11748E	69		1006.5	1014.7	13.6		12.0		12	69	-8	3	211	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1005.9	1014.2	12.1		10.5		11	56	-3	3	187	89
94866 MELBOURNE AIRPORT	3740S	14451E	132		999.5	1013.7	13.9		8.9		8	25	-34	1	213	
94907 EAST SALE AIRPORT	3806S	14708E	8		1012.1	1013.1	13.3		10.0		7	28	-27	1	227	108
94910 WAGGA AIRPORT	3510S	14727E	213		988.8	1014.1	16.1		7.1						332	120
94926 GANBERRA AMO	3518S	14912E	580		946.9	1014.1	13.5		8.0		2	12	-53	1	300	113
94968 LAUNCESTON AIRPORT	4132S	14712E	178		989.4	1010.7	10.6		9.1		11	73	17	5	257	108
94975 HOBART AIRPORT	4250S	14729E	27		1006.0	1009.4	11.9		8.8		10	37	-13	3	222	104
<b>AUSTRALIA (ADDITIONAL IS.)</b>																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1015.8	1016.6	18.3		14.8		8	83	-21	2		



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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1005.3	1018.4	17.2		14.6		7	66	-18	2	276	122
94998 MACQUARIE ISLAND	5429S	15856E	6		998.0	999.0	4.4		7.5		21	59	-12	2	105	118
<b>INDONESIA (SUMATRA)</b>																
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31		1006.7	1010.6	35.1		24.0		10	154		4	115	
96221 PALEMBANG/TALANGBETUTU	0254S	10442E	10			1011.3	27.5		28.0		6	67			152	75
96237 PANGKALPINANG/PANGKALPINANG	0210S	10608E	33			1010.0	28.0		28.7		5	37			171	80
96249 TANJUNGPANDAN/BULUH TUMBANG	0245S	10745E	44			1009.9	26.8		27.8		9	105		1	149	100
<b>BRUNEI DARUSSALAM</b>																
96315 BRUNEI AIRPORT	0456N	11456E	15		1008.1	1010.0	27.3		30.3	.2	17	218	-86	2	214	104
<b>MALAYSIA (SABAH &amp; SARAWAK)</b>																
96413 KUCHING	0129N	11020E	27		1008.2	1010.8	26.4		28.8		15	216		1		
96421 SIBU	0220N	11150E	8		1007.2	1010.8	26.0		28.9		21	433		5	145	85
96441 BINTULU	0312N	11302E	5		1010.0	1010.5	26.6	.0	28.9		18	275	-60	2	170	95
96449 MIRI	0420N	11359E	18		1008.2	1010.1	27.1	.5	30.5		14	276	-30	2		
96465 LABUAN	0518N	11515E	30		1006.6	1009.9	27.6		29.8	-.6	19	576		5	216	105
96471 KOTA KINABALU	0556N	11603E	3		1009.9	1010.2	27.2		29.3		13	236		2		
96481 TAWAU	0416N	11753E	20		1007.4	1009.3	26.9		28.7		7	80	-90	1	231	115
96491 SANDAKAN	0554N	11804E	13		1008.6	1009.8	27.7	.8	32.5		16	255		3	229	120
<b>INDONESIA (JAWA)</b>																
96749 JAKARTA/SOEKARNO-HATTA	0607S	10639E	8			1010.4	28.3		27.5		01	1				
96805 CILACAP	0744S	10901E	6			1011.6	27.4		28.6		6	34			236	120
<b>AUSTRALIA (OCEAN ISLANDS)</b>																
96996 COCOS ISLAND AERO	1211S	09649E	3		1013.4	1013.8	26.3		25.4		01	1	-49	0		
<b>INDONESIA (MALUKU/IRIAN JAYA)</b>																
97530 MANOKWARI/RENDANI	0053S	13403E	3			1008.2	27.8		29.1		8	30		0	215	65
97690 JAYAPURA/SENTANI	0234S	14029E	99			1008.1	27.8		29.1						181	
97980 MERAUKE/MOPAH	0828S	14023E	3			1009.6	26.5		25.3		1	2		2	274	195
<b>PHILIPPINES</b>																
98223 LAOAG	1811N	12032E	5		1009.5	1010.1	28.6		31.7		3	43		1	271	
98232 APARRI	1822N	12138E	3		1009.3	1009.6	27.8	.8	23.8	-6.4	6	59	-310	1		
98233 TUGUEGARAO	1737N	12144E	62		1003.9	1010.3	24.9		19.8		7	85		1	125	
98328 BAGUIO	1625N	12036E	1501		852.0	1008.7	19.7		20.6		14	225		1	363	
98429 NINYO AQUINO INTER-NATIONAL	1431N	12100E	15		1007.9	1013.4	28.4	1.1	24.6	-4.1						
98444 LEGASPI	1308N	12344E	17		1007.8	1009.7	27.8	.6	31.7	1.4	17	181	-159	1		
98550 TACLOBAN	1115N	12500E	3		1007.7	1008.0	27.4	-.2	31.7	1.6	12	204	7	4	189	
98637 ILOILO	1042N	12234E	8		1008.9	1009.6	28.1	.4	29.8	-.9	14	127	-137	1		
98644 TAGBILARAN	0936N	12351E	8		1008.7	1009.6	28.0		31.7		22	156		4		
98646 MACTAN	1018N	12358E	24		1007.5	1008.9	28.0	-.1	31.7	1.2	19	227	79			
98653 SURIGAO	0948N	12530E	55		1005.0	1009.5	28.4	.9	31.7	1.1	21	180	-36			
98836 ZAMBOANGA	0654N	12204E	6		1006.5	1017.0	28.6	1.1	29.8	.1	4	39	-118		224	

# 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.
OVERDUE JANUARY 2002	0°	0°	m		mb	mb	° C	° C	mb	mb		mm	mm		hr	
<b>ANTARCTICA</b>																
<b>USSR (ANTARCTIC)</b>																
89050 BELLINGSHAUSEN	6212S	05856W	16		986.2	988.1	2.0		6.4			18	95			
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		971.9	986.4	-.4		3.3						351	
89592 MIRNYJ	6633S	09301E	30		977.5	983.0	-1.2		4.7			12	32			
<b>USSR (ANTARCTIC)</b>																
89606 VOSTOK	7827S	10652E	3490		633.6		-28.8		.4			1	3		530	

# UPPER AIR

# OCTOBER 2002

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
<b>EUROPE - NORWAY</b> JAN MAYEN 01001 OCT 2002 7056N 00840W OB 3									<b>EUROPE - NORWAY</b> BJORNOYA 01028 OCT 2002 7431N 01901E OB 3									<b>EUROPE - NORWAY</b> BODO 01152 OCT 2002 6715N 01424E OB 3								
030	23419	1	-64.8	27.7	1	88	280	10	030	23339	0	-65.6	27.6	0	71	296	7	030	23398	0	-63.3	28.9	0	81	288	11
050	20283	1	-61.7	28.6	1	77	292	7	050	20208	0	-62.1	28.7	0	48	318	5	050	20246	0	-60.7	29.8	0	71	294	7
100	15941	1	-57.0	29.6	1	49	302	4	100	15865	0	-56.4	30.0	0	59	343	6	100	15880	0	-55.7	31.1	0	61	313	6
150	13367	1	-55.6	27.9	2	38	313	4	150	13276	0	-53.9	29.1	0	54	350	6	150	13287	0	-53.8	30.4	0	57	327	6
200	11536	1	-56.7	18.3	1	22	353	3	200	11430	0	-54.2	21.8	0	53	357	8	200	11437	0	-53.8	23.9	0	50	337	6
300	8945	0	-51.3	10.4	1	32	26	6	300	8835	0	-52.3	11.3	0	44	5	10	300	8834	0	-51.8	12.1	0	31	320	5
500	5446	0	-27.2	11.5	0	24	49	4	500	5377	0	-30.0	11.6	0	44	351	7	500	5382	0	-30.1	10.4	0	26	349	3
700	2947	0	-11.8	10.2	0	22	91	3	700	2905	0	-15.0	9.1	0	46	347	5	700	2903	0	-13.4	11.9	0	10	48	1
850	1438	0	-4.2	8.0	1	32	65	4	850	1415	0	-7.9	5.4	0	39	351	5	850	1403	0	-5.0	8.7	0	27	159	2
1017	* 9		2.8	2.5					1014	* 18		.4	2.1					1010	* 33		2.7	6.2				
<b>EUROPE - NORWAY</b> ORLAND 01241 OCT 2002 6342N 00936E OB 3									<b>EUROPE - NORWAY</b> STAVANGER/SOLA 01415 OCT 2002 5852N 00540E OB 3									<b>EUROPE - SWEDEN</b> SUNDSVALL-HARNOSAND FPL 02365 OCT 2002 6232N 01727E OB 3								
030	23501	0	-61.3	27.0	0	89	284	13	030	23620	0	-58.7	24.7	0	91	286	12	030	23402	30	-64.2	30.0	9	99	257	20
050	20306	0	-59.5	27.6	0	81	286	10	050	20400	0	-58.5	24.3	0	89	284	11	050	20289	23	-59.6	29.5	9	84	285	11
100	15930	0	-55.8	28.1	0	68	303	8	100	16013	0	-55.8	24.0	0	85	291	10	100	15900	9	-55.6	31.4	9	77	291	10
150	13336	0	-53.6	27.1	0	68	301	9	150	13421	0	-53.7	23.3	0	80	289	11	150	13316	7	-53.4	31.5	7	56	298	9
200	11483	0	-53.4	20.5	0	57	306	7	200	11569	0	-53.4	18.4	0	75	291	13	200	11462	5	-53.7	23.5	6	58	303	10
300	8876	0	-50.7	11.7	0	35	290	6	300	8955	0	-49.3	11.2	0	68	288	14	300	8866	4	-51.7	11.5	6	40	297	9
500	5397	0	-28.5	11.3	0	25	282	3	500	5438	0	-25.7	11.2	0	57	282	7	500	5390	4	-28.7	11.5	6	35	307	5
700	2902	0	-11.6	11.6	0	19	255	2	700	2923	0	-10.5	9.6	0	34	273	3	700	2897	4	-13.0	10.6	5	19	295	2
850	1389	0	-2.9	7.9	0	38	218	4	850	1405	0	-2.4	3.9	0	27	213	3	850	1394	5	-5.9	7.4	5	9	173	1
1010	* 10		4.5	4.7					1007	* 14		6.9	5.3					998	* 6		1.4	3.9				
<b>EUROPE - SWEDEN</b> GOTEBOG/LANDVETTER 02527 OCT 2002 5740N 01218E OB 3									<b>EUROPE - FINLAND</b> SODANKYLA 02836 OCT 2002 6722N 02639E OB 3									<b>EUROPE - FINLAND</b> JYVASKYLA 02935 OCT 2002 6224N 02541E OB 3								
030	23740								030	23397	1	-63.2	26.9	1	73	286	10	030	23498	6	-60.8	26.6	6	86	279	13
050	20413	27	-56.9	29.7	9	89	280	12	050	20228	0	-60.6	28.6	0	68	290	8	050	20293	0	-59.1	27.5	0	81	281	10
100	16019	10	-55.4	27.8	9	77	289	10	100	15859	0	-55.4	31.5	0	49	312	5	100	15910	0	-54.8	30.2	0	68	285	8
150	13431	5	-53.4	25.4	5	78	285	12	150	13261	0	-53.3	31.2	0	42	319	5	150	13305	0	-52.7	29.9	0	59	292	8
200	11572	4	-52.9	19.1	4	74	284	13	200	11407	0	-53.3	25.2	0	34	331	4	200	11446	0	-52.8	24.8	0	50	298	8
300	8956	4	-50.3	11.0	5	58	282	11	300	8804	0	-52.4	10.9	0	19	338	3	300	8845	0	-52.1	9.1	0	35	315	8
500	5442	4	-25.4	9.6	5	55	265	7	500	5360	0	-31.0	8.6	0	26	347	4	500	5377	0	-29.1	12.8	0	34	330	5
700	2921	4	-9.5	6.2	4	30	259	3	700	2893	0	-14.8	10.6	0	31	10	3	700	2894	0	-13.8	10.6	0	31	19	3
850	1398	4	-1.9	4.7	4	10	112	1	850	1401	0	-7.2	4.2	0	33	3	3	850	1397	0	-6.6	9.3	0	28	33	3
1001	* 155		5.7	3.8					993	* 179		-1.8	2.5					997	* 145		-2.4	2.0				

# UPPER AIR

# OCTOBER 2002

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 2002 6008N 00111W OB 3									EUROPE - UNITED KINGDOM CAMBORNE 03808 OCT 2002 5013N 00519W OB 3									EUROPE - IRELAND VALENTIA OBSERVATORY 03953 OCT 2002 5156N 01015W OB 3								
030	23600	0	-59.4		0	93	280	14	030	23755	0	-56.4		0	85	272	8	030	23756	0	-56.1	28.3	0	88	275	9
050	20405	0	-58.4		0	92	280	11	050	20531	0	-58.3		0	85	271	7	050	20524	0	-57.7	27.3	0	87	270	8
100	16015	0	-55.6		0	84	279	10	100	16172	0	-58.4		0	88	267	13	100	16143	0	-57.0	25.8	0	89	263	13
150	13423	0	-53.6		0	75	282	10	150	13618	0	-56.9		0	89	264	20	150	13571	0	-55.5	22.9	0	88	259	18
200	11572	0	-53.6		0	69	285	11	200	11795	0	-56.4		0	86	263	23	200	11736	0	-55.0	17.5	0	86	256	22
300	8960	0	-49.0		0	59	283	13	300	9177	0	-45.7		0	82	258	23	300	9116	0	-46.5	10.7	0	75	252	20
500	5438	0	-25.6	10.8	0	52	284	7	500	5577	0	-19.1	13.1	0	80	254	14	500	5535	0	-20.8	11.9	0	73	248	12
700	2923	0	-10.3	12.3	0	28	292	3	700	2993	0	-3.3	11.2	0	74	251	9	700	2968	0	-4.9	10.5	0	61	247	7
850	1403	0	-1.6	4.5	0	10	279	1	850	1434	0	4.5	4.6	0	51	240	5	850	1417	0	3.1	4.0	2	41	233	4
1000	* 84		7.7	4.6					1000	* 88		12.5	2.9					1006	* 30		11.6	2.9				
EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 OCT 2002 6358N 02236W OB 3									EUROPE - GREENLAND AASIAAT (EGEDESMINDE) 04220 OCT 2002 6842N 05251W OB 3									EUROPE - GREENLAND NARSARSUAQ 04270 OCT 2002 6109N 04526W OB 3								
030	23580	2	-60.3		2	86	271	13	030	23407	0	-64.0	26.9	0	85	249	12	030	23593	0	-58.8	30.4	0	81	252	12
050	20376	0	-58.6		0	77	269	9	050	20261	0	-60.9	28.1	0	75	239	8	050	20382	0	-57.4	31.1	0	71	251	7
100	15986	0	-54.6		0	42	246	5	100	15895	0	-55.3	30.0	0	49	210	4	100	15956	0	-53.4	32.4	0	61	245	5
150	13381	0	-52.6		0	27	216	4	150	13298	0	-53.3	30.5	0	35	181	4	150	13337	0	-51.4	33.0	0	38	257	4
200	11525	0	-53.4		0	28	195	5	200	11446	0	-53.7	26.8	0	30	153	4	200	11464	0	-50.6	28.8	0	31	276	3
300	8921	0	-50.5	12.2	0	26	155	6	300	8855	0	-52.4	10.1	0	34	137	6	300	8842	0	-51.4	11.3	0	17	303	3
500	5419	0	-26.7	11.9	0	26	139	4	500	5379	0	-27.9	13.7	0	47	139	6	500	5367	0	-28.5	11.2	0	13	49	1
700	2910	0	-10.9	9.9	0	28	133	4	700	2886	0	-12.9	12.7	0	37	136	3	700	2877	0	-12.6	9.1	0	36	74	3
850	1394	0	-2.6	7.5	0	50	119	6	850	1387	0	-7.0	6.9	0	3	140	0	850	1371	0	-4.1	8.1	0	69	91	4
1006	* 54		4.9	3.2					1009	* 41		-0.8	3.6					1008	* 4		1.5	7.9				
EUROPE - GREENLAND DANMARKSHAVN 04320 OCT 2002 7646N 01840W OB 3									EUROPE - GREENLAND ILLOQQORTOORMIUT (SCORESBYSU) 04339 OCT 2002 7029N 02157W OB 3									EUROPE - GREENLAND TASIILAQ (AMASSALIK) 04396 OCT 2002 6536N 03738W OB 3								
030	23342	0	-66.8	25.4	0	73	271	8	030	23422	0	-64.5	24.7	3	82	269	10	030	23500	0	-61.9	26.3	0	85	256	13
050	20225	0	-63.4	27.0	0	55	274	5	050	20283	0	-61.6	26.3	5	79	280	9	050	20328	0	-59.6	27.9	0	68	252	7
100	15901	0	-57.6	29.5	0	42	284	5	100	15935	0	-56.9	28.6	2	35	281	4	100	15939	0	-54.5	29.5	0	44	217	4
150	13334	0	-55.8	29.1	0	29	274	4	150	13359	0	-55.2	27.1	0	26	265	3	150	13332	0	-52.4	29.6	0	28	170	3
200	11504	0	-57.1	19.2	0	24	274	4	200	11525	0	-56.6	17.5	0	18	204	3	200	11470	0	-51.8	26.0	0	43	145	5
300	8936	0	-52.1	8.1	0	28	279	6	300	8954	0	-51.5	7.8	1	20	170	4	300	8862	0	-51.8	9.8	0	54	127	10
500	5442	0	-26.5	11.3	0	30	272	5	500	5457	0	-26.4	10.2	1	18	122	3	500	5386	0	-28.6	9.4	0	52	110	7
700	2936	0	-11.9	11.1	0	25	262	3	700	2951	0	-12.3	8.1	5	18	129	3	700	2897	0	-13.0	8.9	0	65	105	7
850	1432	0	-6.1	10.4	1	29	258	3	850	1447	0	-5.9	5.5					850	1396	0	-5.9	6.4	0	73	74	7
1019	* 12		-6.8	3.5					1012	* 69		-1.1	2.0					1007	* 52		.8	3.3				

# UPPER AIR

# OCTOBER 2002

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
<b>EUROPE - DENMARK &amp; FAROE IS.</b> THORSHAVN 06011 OCT 2002 6201N 00646W OB 3									<b>EUROPE - BELGIUM</b> UCCLE 06447 OCT 2002 5048N 00421E OB 3									<b>EUROPE - SWITZERLAND</b> PAYERNE 06610 OCT 2002 4649N 00657E OB 3								
030	23568	0	-59.8	30.3	0	94	281	14	030	23608	2	-57.1	29.2	2	93	278	10	030	23772	0	-55.9		1	91	271	9
050	20374	0	-58.8	30.6	0	88	283	10	050	20426	1	-58.9	27.4	1	90	276	9	050	20548	0	-59.0		0	89	274	8
100	15991	0	-55.7	31.6	0	77	278	8	100	16100	1	-59.1	25.3	1	90	276	13	100	16220	0	-61.1		0	89	274	13
150	13401	0	-53.9	31.4	0	65	276	8	150	13554	1	-57.8	22.0	1	89	275	19	150	13697	0	-59.4		0	86	277	19
200	11550	0	-53.6	25.1	0	51	276	7	200	11745	1	-58.7	13.1	1	87	275	27	200	11896	0	-58.9	11.8	0	82	279	24
300	8939	0	-49.3	12.0	0	41	275	8	300	9143	1	-46.1	8.9	1	85	277	26	300	9284	0	-44.3	13.1	0	80	279	23
500	5431	0	-26.8	11.6	0	32	298	4	500	5557	1	-20.6	12.5	1	86	272	16	500	5657	0	-17.4	14.1	0	78	276	15
700	2923	0	-10.6	8.9	0	10	259	1	700	2987	1	-4.8	10.0	1	81	266	11	700	3055	0	-1.7	15.8	0	77	253	9
850	1404	0	-1.7	3.7	0	7	104	1	850	1437	1	2.9	7.1	1	65	264	7	850	1484	0	6.7	7.0	0	84	236	8
1004	* 55		7.3	2.4					1001	* 104								958	* 491		10.3	3.2				
<b>EUROPE - FRANCE</b> NANCY/ESSEY 07180 OCT 2002 4841N 00613E OB 3									<b>EUROPE - FRANCE</b> AJACCIO 07761 OCT 2002 4155N 00848E OB 3									<b>EUROPE - SPAIN</b> LA CORUNA 08001 OCT 2002 4322N 00825W OB 3								
030	23737	9	-55.7		9	96	278	11	030	23825	7	-54.2						030								
050	20514	6	-58.6		6	89	275	9	050	20584	6	-58.8						050	20417	13	-60.3	28.9	9	86	256	7
100	16183	1	-59.6		1	87	279	14	100	16286	4	-63.4						100	16136	10	-63.8	23.1	9	91	261	15
150	13646	0	-58.0		1	89	277	21	150	13794	2	-63.0		9	78	287	16	150	13646	9	-61.7	20.3	9	83	265	21
200	11842	0	-58.7		1	85	278	27	200	12017	2	-59.7		7	71	267	18	200	11861	8	-59.5	13.1	9	84	268	26
300	9234	0	-45.1		0	82	277	24	300	9393	1	-42.6		4	73	275	16	300	9246	8	-44.2	10.6	8	77	263	23
500	5624	0	-18.4	8.8	0	85	277	18	500	5731	1	-14.4	15.6	3	68	278	13	500	5626	5	-18.3	13.9	6	83	252	17
700	3031	0	-2.5	13.0	0	82	264	12	700	3098	1	1.6	18.0	5	73	278	10	700	3035	4	-2.9	10.6	9	84	248	13
850	1466	0	5.6	7.8	0	76	251	8	850	1514	2	10.0	10.5	3	60	262	5	850	1470	3	5.6	5.2	9	75	243	8
989	* 217		13.3	4.7					1016	* 9		20.7	6.8					1006	* 67		17.0	4.1				
<b>EUROPE - SPAIN</b> SANTANDER 08023 OCT 2002 4328N 00348W OB 3									<b>EUROPE - SPAIN</b> MADRID/BARAJAS 08221 OCT 2002 4030N 00335W OB 3									<b>EUROPE - SPAIN</b> PALMA DE MALLORCA 08301 OCT 2002 3933N 00237E OB 3								
030	23780	0	-54.9		7	89	259	7	030	23848	1	-54.0	31.4	1	60	256	4	030	23926	11	-53.5		7	81	241	6
050	20582	0	-59.2		0	87	262	6	050	20615	1	-59.2	30.2	1	79	274	5	050	20669	1	-56.0		0	80	262	5
100	16277	0	-62.6		0	91	268	13	100	16331	0	-64.2	26.7	0	87	271	12	100	16355	0	-64.3		1	89	279	12
150	13772	0	-61.0		0	84	265	20	150	13844	0	-62.1	21.3	1	82	270	17	150	13853	0	-62.2		0	82	278	15
200	11973	0	-58.1		0	81	268	23	200	12056	0	-58.7	15.5	1	77	273	19	200	12068	0	-59.0		0	78	278	17
300	9339	0	-43.1	11.6	0	73	260	20	300	9420	0	-41.5	15.2	0	75	268	19	300	9435	0	-41.4	13.8	1	68	277	14
500	5699	0	-15.7	13.7	0	77	259	14	500	5750	0	-14.1	18.5	0	78	261	13	500	5764	0	-13.0	19.2	1	74	269	12
700	3070	0	.3	12.7	0	81	260	10	700	3116	0	2.0	16.8	0	74	260	8	700	3118	0	3.0	19.7	0	80	266	9
850	1495	0	9.2	9.7	0	75	255	6	850	1525	0	10.2	7.7	0	67	239	5	850	1519	0	11.3	14.4	0	66	271	6
1009	* 59		17.1	4.4					945	* 633		15.4	5.6					1016	* 6		20.3	5.5				

# UPPER AIR

# OCTOBER 2002

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
<b>EUROPE - SPAIN</b> <b>MURCIA</b> 08430 OCT 2002 3800N 00110W OB 3									<b>EUROPE - PORTUGAL</b> <b>LAJES/SANTA RITA (ACORES)</b> 08508 OCT 2002 3844N 02704W OB 3									<b>EUROPE - PORTUGAL</b> <b>LISBOA/GAGO COUTINHO</b> 08579 OCT 2002 3846N 00908W OB 3								
030	23861	21	-54.7	31.7	9	65	221	4	030	23852	2	-54.8						030	23870	0	-54.0	31.7	1	56	248	2
050	20633	8	-59.6	28.4	9	64	270	4	050	20620	0	-59.2						050	20635	0	-59.5	29.7	1	71	273	3
100	16365	2	-65.5	21.2	2	88	272	11	100	16320	0	-65.1						100	16363	0	-64.9	23.0	1	88	271	6
150	13894	1	-63.1	17.3	1	84	274	15	150	13860	0	-62.7						150	13886	0	-62.9	17.9	1	80	276	9
200	12112	1	-59.0	13.4	2	82	272	17	200	12037	0	-58.7						200	12104	0	-59.1	12.7	1	78	277	11
300	9474	0	-41.1	12.1	1	76	269	16	300	9420	0	-36.5	13.1					300	9462	0	-40.3	12.3	1	74	276	9
500	5792	0	-13.0	17.2	1	79	262	12	500	5722	0	-12.9	20.0					500	5769	0	-12.5	15.9	1	77	267	7
700	3142	0	4.0	18.6	0	82	263	9	700	3079	0	2.5	17.5					700	3121	0	3.1	16.6	1	72	258	5
850	1539	0	12.5	11.3	0	55	270	4	850	1488	0	8.9	8.7					850	1524	0	10.9	8.5	1	61	245	3
1011	* 62		20.5	8.4					1001	* 113		18.0	6.6					1005	* 105		18.9	3.7				
<b>EUROPE - GERMANY</b> <b>SCHLESWIG</b> 10035 OCT 2002 5432N 00933E OB 3									<b>EUROPE - GERMANY</b> <b>GREIFSWALD</b> 10184 OCT 2002 5406N 01324E OB 3									<b>EUROPE - GERMANY</b> <b>BERGEN</b> 10238 OCT 2002 5249N 00956E OB								
030	23697	1	-57.4		1	92	276	12	030	23681	0	-57.7		0	93	277	13	030	23725	0	-57.7					
050	20475	1	-58.1		1	91	277	11	050	20459	0	-58.1		0	94	277	11	050	20502	0	-57.9					
100	16091	0	-56.7	29.5	0	89	283	14	100	16076	0	-56.6	27.5	0	88	284	14	100	16130	0	-56.2	11.4	3	84	280	12
150	13511	0	-54.8	28.2	0	88	283	17	150	13496	0	-54.4	26.2	0	86	285	17	150	13550	0	-55.2	9.9	3	86	280	17
200	11665	0	-54.6	21.8	0	87	285	22	200	11649	0	-53.9	20.5	0	86	287	21	200	11716	0	-55.7	9.3	3	86	280	22
300	9051	0	-48.4	12.1	0	79	284	22	300	9032	0	-48.4	11.5	0	81	287	23	300	9098	0	-46.4	9.0	0	83	284	26
500	5502	0	-23.1	12.8	0	80	282	14	500	5490	0	-23.5	10.7	0	82	285	14	500	5526	0	-20.9	9.8	0	84	280	16
700	2957	0	-7.4	12.5	0	66	272	7	700	2947	0	-7.4	10.8	0	66	280	8	700	2964	0	-5.8	9.5	0	74	275	9
850	1421	0	.2	6.2	0	29	260	3	850	1411	0	.0	5.2	0	40	273	5	850	1424	0	1.8	5.6	0	53	266	6
1007	* 48		7.7	2.5					1011	* 6		8.3	2.5					1004	* 69		8.1	3.4				
<b>EUROPE - GERMANY</b> <b>LINDENBERG</b> 10393 OCT 2002 5213N 01407E OB 3									<b>EUROPE - GERMANY</b> <b>ESSEN</b> 10410 OCT 2002 5124N 00658E OB 3									<b>EUROPE - GERMANY</b> <b>MEININGEN</b> 10548 OCT 2002 5034N 01023E OB 3								
030	23710	0	-57.1		1	94	275	11	030	23700	0	-57.0	27.1	1	90	277	10	030	23740	0	-56.5		0	95	276	11
050	20484	0	-58.1		0	94	275	10	050	20487	0	-58.2	26.5	1	89	279	9	050	20518	0	-58.1		0	93	273	10
100	16108	0	-57.3	30.7	0	91	281	14	100	16124	0	-58.2	24.7	1	90	278	14	100	16154	0	-58.4	27.9	0	90	280	15
150	13537	0	-55.5	27.6	0	89	282	20	150	13568	0	-56.9	21.9	1	90	277	19	150	13599	0	-56.9	24.3	0	88	280	20
200	11700	0	-55.4	18.7	0	89	284	25	200	11745	0	-57.3	15.1	1	89	279	26	200	11776	0	-57.0	16.9	0	89	283	27
300	9085	0	-47.4	11.1	0	83	284	27	300	9136	0	-46.4	10.2	0	86	277	28	300	9167	0	-46.3	10.6	0	83	282	26
500	5525	0	-22.2	13.2	0	85	286	17	500	5551	0	-20.6	10.9	0	85	273	18	500	5577	0	-20.2	13.6	0	88	278	18
700	2970	0	-6.3	11.6	0	80	279	10	700	2981	0	-5.0	13.3	0	80	268	11	700	3002	0	-4.6	12.9	0	86	275	13
850	1429	0	.8	4.6	0	59	273	7	850	1433	0	2.7	7.3	0	63	255	8	850	1450	0	3.0	6.3	0	67	264	8
999	* 104		8.4	3.0					995	* 153		9.8	3.6					961	* 453		7.5	1.8				

# UPPER AIR

# OCTOBER 2002

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
<b>EUROPE - GERMANY</b> STUTTGA RT/SCHNARRENB ERG 10739 OCT 2002 4850N 00912E OB 3								<b>EUROPE - GERMANY</b> MUENCHEN-OBERSCHLEISSHEIM 10868 OCT 2002 4815N 01133E OB 3								<b>EUROPE - AUSTRIA</b> WIEN/HOHE WART E 11035 OCT 2002 4814N 01621E OB 3											
030	23761	0	-56.1	25.4	0	90	270	9	030	23763	0	-56.3		0	94	272	10	030	23749	11	-55.9		9	95	270	11	
050	20531	0	-58.6	24.2	0	91	272	9	050	20535	0	-58.4		0	92	273	9	050	20524	5	-58.0		5	93	272	9	
100	16181	0	-59.5	22.0	0	89	276	14	100	16187	0	-59.6	26.2	0	91	279	15	100	16174	5	-59.0		5	90	278	14	
150	13640	0	-58.2	19.0	0	89	280	21	150	13649	0	-58.2	21.5	0	89	281	21	150	13628	5	-58.3		5	89	283	22	
200	11827	0	-58.3	13.0	0	87	282	27	200	11838	0	-58.3	13.8	0	86	283	26	200	11816	5	-58.1		5	86	282	28	
300	9212	0	-45.5	8.9	0	85	283	25	300	9229	0	-45.3	9.5	0	85	285	27	300	9209	4	-45.5		4	82	285	25	
500	5610	0	-19.0	9.6	0	85	277	18	500	5618	0	-18.8	9.6	0	87	283	18	500	5605	0	-19.1	10.5	0	85	284	17	
700	3025	0	-3.4	8.7	0	85	269	12	700	3031	0	-3.4	11.1	0	90	272	13	700	3023	0	-3.6	7.8	0	84	285	11	
850	1464	0	4.5	5.5	0	79	263	9	850	1470	0	5.3	8.0	0	86	268	10	850	1465	0	4.3	5.2	0	75	278	9	
976	* 315		10.4	4.6					958	* 489		9.4	2.6						991	* 200		10.0	3.9				
<b>EUROPE - CZECH REPUBLIC</b> PRAHA-LIBUS 11520 OCT 2002 5000N 01427E OB 3								<b>EUROPE - SLOVAKIA</b> POPRAD-GANOVCE 11952 OCT 2002 4902N 02019E OB 3								<b>EUROPE - POLAND</b> LEBA 12120 OCT 2002 5445N 01732E OB 3											
030	23752	0	-56.1	30.3	0	94	274	10	030	23748	0	-55.7	30.2	0	95	274	12	030	23664	0	-57.7	28.6	0	94	274	14	
050	20519	0	-57.9	29.5	0	93	276	9	050	20516	0	-58.0	29.4	0	94	270	10	050	20444	0	-57.6	28.6	0	92	276	11	
100	16153	0	-58.2	28.3	0	91	280	15	100	16152	0	-58.3	28.3	1	91	274	14	100	16054	0	-55.8	29.3	0	89	279	13	
150	13597	0	-56.6	26.6	0	89	282	20	150	13596	0	-56.8	26.3	1	91	278	20	150	13464	0	-53.9	29.0	0	89	282	17	
200	11771	0	-56.7	18.4	0	88	286	26	200	11772	0	-56.6	18.1	0	85	279	25	200	11613	0	-53.4	23.8	0	86	284	19	
300	9160	0	-46.1	10.9	0	85	288	28	300	9158	0	-46.3	10.3	0	82	278	26	300	8996	0	-49.2	10.9	0	76	275	19	
500	5576	0	-20.4	11.3	0	87	285	17	500	5576	0	-20.6	10.9	0	83	277	16	500	5468	0	-24.2	12.0	0	72	282	11	
700	3005	0	-4.8	10.9	0	89	280	13	700	3006	0	-4.6	8.8	0	81	277	10	700	2934	0	-8.2	9.6	0	58	285	7	
850	1455	0	2.4	2.8	0	70	275	8	850	1456	0	2.7	3.1	0	75	259	6	850	1404	0	-5	3.8	0	39	276	4	
978	* 303		8.4	3.4					932	* 706		6.2	3.3						1010	* 2		8.1	2.6				
<b>EUROPE - POLAND</b> LEGIONOWO 12374 OCT 2002 5224N 02058E OB 3								<b>EUROPE - POLAND</b> WROCLAW I 12425 OCT 2002 5108N 01659E OB 3								<b>EUROPE - HUNGARY</b> BUDAPEST/LORINC 12843 OCT 2002 4726N 01911E OB 3											
030	23693	0	-57.1	29.2	0	95	272	13	030	23695	0	-57.3	30.9	0	95	276	11	030	23779	9	-55.3		9	96	268	12	
050	20468	0	-57.9	29.0	0	96	270	11	050	20474	0	-58.2	30.7	0	93	277	10	050	20542	8	-58.2		9	94	269	9	
100	16087	0	-56.9	28.9	0	91	275	14	100	16107	0	-57.5	30.3	0	92	282	15	100	16187	4	-59.3		4	93	278	14	
150	13508	0	-54.6	28.2	0	90	278	19	150	13541	0	-56.0	28.4	0	90	281	20	150	13642	4	-57.9		4	89	280	20	
200	11665	0	-54.5	20.8	0	86	279	22	200	11709	0	-55.5	20.8	0	89	285	25	200	11827	2	-57.2		4	84	282	26	
300	9051	0	-48.3	10.3	0	78	278	22	300	9097	0	-47.6	9.5	0	85	284	27	300	9219	1	-45.7	9.7	1	81	282	26	
500	5507	0	-23.0	11.2	0	77	277	14	500	5535	0	-21.9	11.2	0	88	281	18	500	5618	0	-19.1	9.8	0	84	282	17	
700	2960	0	-7.3	10.0	0	74	276	10	700	2978	0	-6.5	10.4	0	87	281	12	700	3033	0	-3.4	9.8	0	83	276	11	
850	1426	0	-2	3.6	0	63	270	7	850	1438	0	.8	3.8	0	73	275	9	850	1473	0	4.4	4.9	0	70	273	8	
1001	* 96		8.3	3.6					999	* 116		6.5	2.3						999	* 139		10.7	4.6				

# 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
<b>EUROPE - HUNGARY</b> <b>SZEGED</b> 12982 OCT 2002 4615N 02006E OB									<b>EUROPE - YUGOSLAVIA</b> <b>BEOGRAD/KOSUTNJAK</b> 13275 OCT 2002 4446N 02025E OB 1									<b>EUROPE - CROATIA</b> <b>ZAGREB/MAKSIMIR</b> 14240 OCT 2002 4549N 01602E OB 3								
030	23806	14	-55.3		9	94	272	12	030									030	23795	0	-54.6		0	90	268	10
050	20568	12	-57.9		9	95	268	10	050	20577	6	-57.7		7	98	272	9	050	20557	0	-58.1		0	92	271	8
100	16217	8	-60.4		8	92	280	14	100	16233	0	-60.7		1	90	275	13	100	16214	0	-60.5		0	89	278	13
150	13686	8	-59.6		8	85	280	19	150	13710	0	-59.3		1	84	278	18	150	13689	0	-59.2		0	86	282	20
200	11879	8	-58.0		8	79	280	24	200	11903	0	-58.3		0	78	279	22	200	11885	0	-59.1		0	81	283	25
300	9268	7	-45.1	8.8	7	79	276	23	300	9291	0	-44.8		3	74	281	20	300	9277	0	-44.8		0	78	285	22
500	5646	6	-18.0	9.6	6	82	279	17	500	5666	0	-17.0	12.4	1	76	282	15	500	5656	0	-17.5	11.8	0	79	282	14
700	3054	5	-2.3	7.8	5	79	272	10	700	3063	0	-1.4	10.7	1	78	279	9	700	3056	0	-1.5	10.5	0	78	272	9
850	1486	5	6.2	6.5	5	60	279	5	850	1493	0	6.6	7.8	0	56	295	4	850	1486	0	6.2	5.3	0	62	257	6
1006	* 83		8.7	1.3					992	* 203		11.9	4.5					1001	* 128		12.0	4.2				
<b>EUROPE - ROMANIA</b> <b>BUCURESTI/IMH</b> 15420 OCT 2002 4430N 02608E OB 1									<b>EUROPE - BULGARIA</b> <b>SOFIA (OBSERV.)</b> 15614 OCT 2002 4239N 02323E OB 0									<b>EUROPE - ITALY</b> <b>MILANO/LINATE</b> 16080 OCT 2002 4526N 00917E OB 3								
030									030	23820	18	-54.4	27.8	9	94	265	17	030	23796	0	-55.0	24.1	3	90	266	10
050	20572	5	-57.9	28.1	5	90	259	9	050	20570	6	-57.7	26.4	6	92	267	17	050	20559	0	-58.1	22.9	2	85	278	8
100	16234	3	-60.8	25.0	3	93	273	13	100	16242	3	-62.3	22.7	3	87	269	23	100	16235	0	-57.5	27.8	2	88	281	14
150	13709	3	-59.6	22.1	3	86	279	19	150	13733	2	-61.3	19.2	2	85	274	35	150	13720	0	-60.1	18.5	2	87	279	20
200	11900	3	-58.2	13.2	3	80	283	23	200	11942	2	-60.0	11.9	2	78	276	44	200	11924	0	-58.9	12.8	1	81	283	23
300	9285	3	-45.1	9.5	3	69	285	20	300	9331	2	-43.8	10.7	2	69	276	38	300	9307	0	-43.8	9.5	1	76	282	20
500	5675	1	-17.8	14.6	1	76	277	14	500	5694	0	-16.4	14.4	2	78	272	26	500	5670	0	-16.5	10.6	1	76	272	13
700	3079	1	-2.5	8.7	1	77	277	9	700	3079	0	-.2	11.2	0	71	274	15	700	3058	0	-.2	10.8	1	66	250	6
850	1511	1	6.2	6.3	1	60	276	5	850	1502	0	8.2	7.9	0	58	262	7	850	1480	0	8.1	7.6	1	37	238	3
1008	* 91		9.2	2.7					948	* 595		15.2	8.6					1002	* 103		15.3	4.3				
<b>EUROPE - ITALY</b> <b>PRATICA DI MARE</b> 16245 OCT 2002 4139N 01226E OB 3									<b>EUROPE - ITALY</b> <b>BRINDISI</b> 16320 OCT 2002 4039N 01757E OB 3									<b>EUROPE - ITALY</b> <b>TRAPANI/BIRGI</b> 16429 OCT 2002 3755N 01230E OB 3								
030	23849	3	-54.6	28.1	3	81	258	7	030	23836	0	-54.9	29.9	1	78	249	6	030	23844	1	-55.0	30.3	1	38	199	2
050	20602	1	-57.7	26.5	2	88	270	7	050	20592	0	-58.1	28.6	1	83	272	7	050	20609	0	-58.7	28.9	0	61	260	4
100	16290	1	-63.0	21.1	2	89	281	12	100	16282	0	-63.7	22.5	2	90	279	12	100	16327	0	-65.2	23.1	0	86	281	11
150	13795	1	-62.1	18.2	2	84	283	18	150	13793	0	-62.2	18.5	1	85	281	18	150	13851	0	-63.2	18.2	0	83	286	16
200	12007	1	-59.0	13.0	2	74	283	20	200	12009	0	-59.5	12.1	2	80	286	21	200	12072	0	-59.6	12.9	0	75	285	16
300	9381	1	-42.6	10.6	2	69	283	18	300	9382	0	-42.8	9.9	0	74	284	19	300	9443	0	-42.1	12.4	0	71	287	15
500	5727	0	-14.7	14.8	1	77	280	13	500	5727	0	-14.9	13.3	0	76	280	12	500	5772	0	-13.2	18.4	0	72	286	11
700	3098	0	1.8	18.3	0	72	273	8	700	3097	0	1.8	16.2	0	69	282	7	700	3126	0	3.6	17.3	0	76	285	9
850	1509	0	9.9	10.2	0	53	240	4	850	1506	0	10.1	10.2	0	45	272	4	850	1526	0	11.8	12.6	0	63	275	5
1012	* 32		18.7	5.2					1015	* 10		18.8	5.7					1016	* 14		19.9	3.9				



# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>EUROPE - ITALY</b> CAGLIARI/ELMAS 16560 OCT 2002 3915N 00904E OB /									<b>EUROPE - GREECE</b> HERAKLION (AIRPORT) 16754 OCT 2002 3520N 02511E OB /									<b>EUROPE - TURKEY</b> SAMSUN 17030 OCT 2002 4117N 03618E OB 3									
030	23833	6	-54.4	30.2	6	47	258	3	030										030	23857	1	-55.4	32.0	1	74	277	6
050	20606	4	-58.7	28.5	5	82	259	5	050										050	20625	1	-58.2	31.2	1	86	266	9
100	16320	1	-64.5	22.5	1	85	281	11	100	16334	4	-65.7	19.9	4	87	267	12	100	16300	1	-61.9	27.9	1	94	274	14	
150	13841	0	-62.7	17.7	0	88	277	17	150	13866	3	-64.2	14.7	3	85	274	17	150	13791	1	-61.3	21.8	1	92	274	18	
200	12059	0	-59.7	10.7	0	77	278	19	200	12091	3	-59.8	9.9	3	75	276	18	200	12001	0	-59.5	14.4	0	86	276	19	
300	9433	0	-42.2	10.6	0	70	275	15	300	9460	3	-41.1	10.9	3	64	274	13	300	9383	0	-43.2	12.7	0	81	275	16	
500	5760	0	-13.3	17.8	0	72	277	12	500	5778	3	-13.0	18.0	3	65	274	8	500	5734	0	-15.4	17.2	0	85	268	11	
700	3115	0	3.3	17.0	0	82	275	10	700	3126	3	4.3	21.9	3	62	296	6	700	3112	0	1.1	15.0	0	88	262	8	
850	1515	0	12.0	13.5	0	77	288	8	850	1520	1	11.8	13.1	2	60	310	4	850	1523	0	10.8	10.8	0	78	272	4	
1016	* 5		17.2	2.7					1012	* 39		18.7	5.5					1017	* 4		16.2	4.8					
<b>EUROPE - TURKEY</b> ISTANBUL/GOZTEPE 17062 OCT 2002 4058N 02905E OB 3									<b>EUROPE - TURKEY</b> ANKARA/CENTRAL 17130 OCT 2002 3957N 03253E OB 3									<b>EUROPE - TURKEY</b> IZMIR/GUZELYALT 17220 OCT 2002 3826N 02710E OB 3									
030	23839	6	-56.1		6	62	260	5	030	23851	1	-55.3		1	47	251	3	030	23844	9	-55.4		9	50	253	3	
050	20610	5	-58.0		5	88	255	7	050	20619	1	-58.3		1	90	255	8	050	20621	7	-59.0		7	86	253	6	
100	16291	2	-62.1		2	86	260	12	100	16305	1	-63.0		1	94	260	14	100	16308	4	-63.3		6	93	259	13	
150	13787	2	-61.1		2	83	265	15	150	13807	1	-61.6		1	87	266	15	150	13814	3	-62.1		3	79	267	15	
200	11994	2	-59.1		2	75	270	15	200	12018	1	-60.0		1	76	272	15	200	12035	1	-59.6		1	75	268	19	
300	9369	1	-43.3		2	74	265	12	300	9393	0	-42.9		0	71	266	13	300	9412	1	-42.4		1	73	261	16	
500	5715	0	-15.1	13.8	1	73	260	11	500	5736	0	-14.4	19.7	2	75	266	10	500	5747	0	-13.9	16.6	0	71	266	10	
700	3090	0	.9	13.7	0	60	265	6	700	3104	0	1.7	14.6	2	68	249	6	700	3105	0	2.9	18.9	0	56	264	5	
850	1504	0	9.6	12.4	0	50	255	3	850	1513	0	10.8	10.6	2	52	231	3	850	1509	0	11.2	14.9	0	17	242	1	
1012	* 33		15.8	5.4					916	* 891		10.3	3.9					1012	* 29		17.2	4.5					
<b>EUROPE - TURKEY</b> ISPARTA 17240 OCT 2002 3745N 03033E OB 3									<b>EUROPE - TURKEY</b> DIYARBAKIR 17280 OCT 2002 3753N 04012E OB 3									<b>EUROPE - CYPRUS</b> ATHALASSA 17607 OCT 2002 3509N 03324E OB 2									
030	23854	6	-53.7		0	40	239	2	030	23829	2	-56.1	29.4	2	13	355	1	030									
050	20625	6	-61.1		0	43	248	3	050	20608	1	-59.8	27.2	1	76	233	8	050	20636	6	-59.8	29.9	2	20	217	1	
100	16337	4	-64.3		0	86	259	12	100	16324	0	-63.7	24.6	1	96	245	15	100	16361	0	-65.3	23.7	0	94	260	13	
150	13846	2	-62.4		0	78	269	14	150	13835	0	-62.3	19.5	0	91	251	16	150	13890	0	-63.6	18.8	0	89	260	16	
200	12060	0	-55.3		0	79	269	14	200	12052	0	-60.2	13.4	0	83	250	16	200	12111	0	-59.4	14.5	0	80	269	16	
300	9434	9	-42.1		0	76	260	13	300	9432	0	-42.2	13.2	0	79	243	14	300	9474	0	-41.0	15.3	0	70	262	13	
500	5766	0	-13.8	18.8	0	69	257	9	500	5763	0	-13.9	21.4	0	86	239	11	500	5791	0	-12.5	21.1	0	65	250	7	
700	3126	0	3.1	16.8	0	57	251	4	700	3121	0	4.2	14.3	0	76	227	6	700	3133	0	5.2	21.7	0	61	235	5	
850	1524	0	14.1	13.9	0	25	233	1	850	1507	0	16.0	16.0	0	45	256	2	850	1522	0	14.3	12.1	0	40	237	2	
904	* 997		20.0	13.3					940	* 677		15.7	11.8					995	* 161		27.6	16.0					

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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
EUROPE - RUSSIAN FEDERATION (EUROPE) MURMANSK 22113 OCT 2002 6859N 03307E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 OCT 2002 6437N 04030E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) ST. PETERBURG (VOEJKOVO) 26063 OCT 2002 5957N 03042E OB 3								
030	23393	4	-63.6	26.3	4	73	293	9	030	23501	0	-61.0	12.0	0	85	272	13	030	23582	1	-59.6	26.3	2	93	271	15
050	20233	2	-61.0	27.5	2	59	282	7	050	20313	0	-59.0	11.7	0	83	262	11	050	20373	0	-57.9	26.8	0	90	269	12
100	15860	1	-55.8	28.8	1	40	299	4	100	15920	0	-54.1	11.3	0	61	264	7	100	15967	0	-54.2	27.4	0	85	269	11
150	13260	1	-53.4	28.3	1	28	305	3	150	13306	0	-52.3	10.2	0	52	264	7	150	13355	0	-52.0	27.2	0	76	274	11
200	11409	1	-54.1	21.6	1	21	329	3	200	11442	0	-52.5	8.1	0	36	261	5	200	11491	0	-51.7	22.8	0	67	278	10
300	8811	1	-52.1	12.0	1	10	338	2	300	8841	0	-52.0	5.4	0	20	234	4	300	8883	0	-51.3	11.1	0	48	282	10
500	5353	1	-30.8	10.5	1	26	342	3	500	5358	0	-27.6	7.5	0	15	288	2	500	5394	0	-27.5	13.5	0	42	280	6
700	2884	1	-14.5	11.6	1	48	350	5	700	2865	0	-13.2	6.7	0	30	341	3	700	2898	0	-12.6	10.6	0	24	296	2
850	1387	1	-6.7	5.4	1	50	345	5	850	1367	0	-6.7	4.0	0	37	3	4	850	1394	0	-5.6	6.8	0	21	353	2
998	* 121		-9	2.7					1010	* 4		.3	2.6					1003	* 78		.8	3.6				
EUROPE - LATVIA RIGA 26422 OCT 2002 5658N 02403E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) VOLOGDA 27037 OCT 2002 5919N 03955E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) KAZAN' 27595 OCT 2002 5536N 04917E OB 3								
030									030									030	23640	20	-59.9	9.8	9	96	267	17
050									050	20327	16	-57.4	10.5	9	89	257	12	050	20431	15	-59.1	9.0	9	92	268	14
100	15995	17	-55.6	28.1	9	91	274	14	100	15929	12	-53.6	10.3	9	84	260	11	100	16057	13	-56.3	8.7	9	87	263	15
150	13403	17	-53.5	26.3	9	88	280	15	150	13321	7	-52.1	8.6	7	83	257	13	150	13470	11	-54.0	7.4	9	82	255	18
200	11550	17	-53.2	20.7	9	84	272	17	200	11462	7	-52.5	7.1	7	76	257	12	200	11622	11	-54.5	6.1	9	79	251	21
300	8954	16	-50.3	9.5	9	68	282	17	300	8852	4	-50.7	5.5	4	49	245	9	300	9007	11	-48.2	5.2	9	75	246	21
500	5439	16	-25.1	9.9	9	52	287	8	500	5359	1	-27.3	7.0	1	44	263	5	500	5467	11	-24.6	7.3	9	60	243	12
700	2918	16	-9.7	12.9	9	37	275	4	700	2867	1	-11.3	6.0	1	39	292	4	700	2939	11	-9.7	6.8	9	69	237	10
850	1398	16	-3.1	4.8	9	13	77	1	850	1364	1	-4.7	3.8	2	19	299	2	850	1419	11	-2.8	3.1	9	60	235	7
1009	* 26		2.1	2.6					994	* 126		-1.2	1.5					1000	* 116		2.5	1.7				
EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 OCT 2002 5545N 03757E OB 0									EUROPE - RUSSIAN FEDERATION (EUROPE) ROSTOV-NA-DONU 34731 OCT 2002 4715N 03949E OB 3									EUROPE - ISRAEL BET DAGAN 27595 OCT 2002 5536N 04917E OB 3								
030	23637	12	-57.8	17.1	9	94	266	15	030	23710	11	-56.5	13.7	9	95	263	12	030								
050	20406	9	-57.6	15.5	9	91	269	12	050	20491	11	-57.9	12.0	9	94	262	9	050	20637	9	-61.3					
100	16009	3	-54.8	13.5	3	91	268	14	100	16139	11	-59.6	9.7	9	94	265	15	100	16407	0	-66.9		1	95	247	15
150	13406	1	-52.6	12.2	1	88	264	17	150	13599	10	-58.2	8.7	9	91	263	21	150	13944	0	-63.5		0	94	250	19
200	11547	1	-52.1	10.5	1	85	266	18	200	11775	9	-56.8	7.7	9	90	263	25	200	12158	0	-58.0		0	89	255	18
300	8922	1	-49.3	7.6	1	70	270	17	300	9156	8	-45.8	7.6	8	85	253	25	300	9510	0	-40.1	13.8	0	80	253	12
500	5411	0	-26.4	7.2	0	63	272	10	500	5574	8	-20.1	9.3	8	88	252	19	500	5816	0	-12.2	16.1	0	76	229	9
700	2902	0	-10.4	6.6	0	60	271	7	700	3004	8	-4.2	6.3	8	93	251	14	700	3152	0	6.4	14.3	0	81	209	8
850	1386	0	-3.1	3.8	0	47	271	5	850	1454	8	3.4	5.5	8	68	243	8	850	1528	0	17.0	12.8	0	37	210	2
987	* 200		2.2	2.5					1006	* 78		9.7	4.4					1010	* 35		24.2	6.4				

# UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - JORDAN MAFRAQ 27612 OCT 2002 5545N 03757E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV DIKSON 20674 OCT 2002 7330N 08024E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) NAR'JAN-MAR 23205 OCT 2002 6738N 05302E OB 3								
030									030									030	23445	6	-62.6	19.7	8	84	269	11
050									050	20169	17	-61.3		9	86	266	9	050	20266	2	-60.0	20.5	3	73	266	8
100	16396	1	-66.8		5	86	257	16	100	15816	10	-55.6		9	59	277	6	100	15883	0	-54.6	20.5	1	51	267	6
150	13933	1	-63.6		5	93	260	22	150	13216	10	-53.0		9	43	273	5	150	13274	0	-52.6	19.5	0	40	266	5
200	12148	1	-58.2		3	89	264	21	200	11351	9	-52.5		9	41	287	6	200	11416	0	-53.4	13.5	0	31	266	5
300	9500	0	-40.8		3	82	253	15	300	8757	8	-52.8		8	31	282	6	300	8824	0	-51.8	8.2	0	16	283	4
500	5814	0	-12.7	17.8	1	77	232	12	500	5306	8	-30.3	6.4	8	26	289	3	500	5332	0	-27.4	6.8	0	10	304	2
700	3153	0	6.4	14.5	1	86	215	9	700	2837	8	-15.8	6.8	9	15	290	1	700	2835	0	-12.9	6.6	0	17	352	2
850	1528	0	18.0	15.8	0	34	245	5	850	1354	8	-9.8	2.8	9	6	253	1	850	1337	1	-6.9	3.4	0	21	315	2
938	* 687		17.4	6.9					1006	* 47		-5.4	1.9					1006	* 12		-1.0	1.8				
ASIA - RUSSIAN FEDERATION (IN ASIA) TURUHANSK 23472 OCT 2002 6547N 08756E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) SYKTYVKAR 23804 OCT 2002 6140N 05051E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OLENEK 24125 OCT 2002 6830N 11226E OB 3								
030	23466	8	-58.9	10.3	8	90	263	12	030	23555	9	-59.4	25.2	9	89	266	15	030	23488	2	-57.1	10.9	2	94	235	13
050	20243	2	-59.0	9.8	5	88	270	9	050	20346	9	-58.2	25.0	9	87	269	11	050	20253	2	-56.5	10.2	2	88	236	7
100	15856	1	-55.5	8.5	1	78	296	7	100	15937	6	-54.1	24.3	6	73	261	8	100	15833	1	-54.1	9.0	1	46	241	3
150	13263	1	-53.7	7.3	1	70	294	8	150	13326	6	-51.9	23.9	6	59	261	7	150	13231	1	-53.6	7.5	2	41	260	3
200	11412	1	-53.9	5.8	1	65	288	9	200	11457	6	-51.7	19.0	6	48	253	8	200	11388	0	-54.3	5.6	0	45	262	5
300	8816	0	-52.6	4.6	0	48	278	9	300	8847	4	-51.4	10.0	4	32	256	7	300	8810	0	-53.0	4.6	1	53	248	8
500	5352	0	-30.5	5.2	0	51	267	7	500	5364	4	-27.4	9.6	4	39	271	6	500	5348	0	-29.6	5.2	1	62	257	6
700	2887	0	-15.5	5.1	0	55	251	6	700	2866	4	-13.0	6.7	4	33	272	4	700	2884	1	-16.3	6.2	1	73	239	5
850	1402	0	-9.5	3.9	0	52	224	4	850	1366	4	-6.1	4.4	4	33	273	4	850	1410	1	-11.9	2.7	1	69	240	5
1012	* 38		-4.1	3.3					996	* 116		-3	2.8					995	* 220		-9.9	3.0				
ASIA - RUSSIAN FEDERATION (IN ASIA) VERHOJANSK 24266 OCT 2002 6734N 13324E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) TURA 24507 OCT 2002 6416N 10014E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) JAKUTSK 24959 OCT 2002 6201N 12943E OB 0								
030	23593	0	-54.6	13.2	0	94	235	17	030	23560	8	-55.8	11.1	9	93	255	12	030	23671	1	-51.3	12.9	1	94	233	14
050	20329	0	-53.8	12.5	0	91	226	11	050	20310	6	-55.6	10.0	6	85	260	7	050	20360	0	-52.0	11.8	0	91	228	11
100	15869	0	-52.4	11.1	0	65	225	5	100	15870	2	-54.2	8.2	3	67	290	5	100	15879	0	-51.6	9.9	0	68	225	5
150	13250	0	-52.0	9.5	0	47	233	3	150	13268	2	-53.6	6.8	2	60	290	5	150	13256	0	-52.8	8.1	0	43	239	4
200	11394	0	-53.0	7.7	0	38	259	4	200	11418	2	-54.0	5.2	2	50	282	5	200	11409	0	-54.7	6.4	0	37	251	4
300	8801	0	-52.9	5.8	0	35	288	4	300	8827	1	-53.4	3.6	1	34	254	6	300	8837	0	-53.8	5.2	0	40	280	7
500	5358	0	-31.2	7.5	0	51	285	4	500	5371	1	-29.9	4.2	1	41	264	4	500	5389	0	-30.0	8.1	0	48	288	5
700	2908	0	-17.5	7.4	0	52	273	3	700	2903	1	-16.0	4.4	3	57	251	5	700	2926	0	-15.9	9.2	0	38	324	2
850	1441	0	-12.8	4.9	0	45	254	2	850	1423	1	-10.0	3.4	4	42	225	3	850	1449	0	-10.7	5.3	0	46	329	2
1009	* 138		-18.2	3.1					997	* 168		-8.3	2.5					1012	* 101		-9.1	3.5				

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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
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SEJMCHAN</b> 25703 OCT 2002 6255N 15225E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KORF</b> 25954 OCT 2002 6021N 16600E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHNEE DUBROVO</b> 28445 OCT 2002 5644N 06104E OB 0								
030	23752	5	-52.7	12.3	5	92	253	11	030	23774	24	-52.9	12.0	9	83	279	5	030	23672	3	-58.4	9.8	4	91	282	17
050	20453	2	-51.5	11.8	3	90	239	9	050	20480	18	-51.1	11.8	9	87	245	6	050	20457	2	-57.7	9.6	2	92	277	14
100	15940	1	-50.1	10.3	1	73	244	6	100	15986	15	-49.7	10.6	9	67	253	7	100	16067	1	-55.4	8.5	1	91	270	15
150	13297	2	-50.9	8.6	2	56	247	5	150	13326	13	-49.9	8.5	9	53	257	6	150	13474	1	-54.0	7.4	1	88	267	19
200	11428	1	-52.3	6.5	1	31	257	4	200	11457	12	-50.6	7.2	9	45	273	6	200	11625	1	-54.5	6.1	1	84	263	22
300	8828	0	-52.7	4.4	0	11	270	2	300	8831	11	-50.7	6.2	9	31	301	5	300	9018	0	-48.5	5.3	0	76	263	21
500	5366	0	-30.3	6.1	0	15	348	2	500	5349	9	-28.6	7.8	9	35	328	4	500	5480	0	-24.0	7.1	0	75	259	15
700	2905	0	-17.4	4.8	1	55	39	4	700	2866	8	-14.5	6.2	8	36	19	3	700	2945	0	-9.0	6.1	0	75	262	12
850	1435	1	-13.1	3.3	4	84	25	6	850	1375	8	-8.8	3.9	9	54	43	4	850	1427	0	-3.2	3.2	0	73	266	10
997	* 205		-10.1	3.3					1012	* 4		-2.6	4.9					981	* 290		2.0	3.5				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OMSK</b> 28698 OCT 2002 5456N 07324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KOLPASEVO</b> 29231 OCT 2002 5819N 08254E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>EMEL'JANOVO</b> 29572 OCT 2002 5611N 09237E OB 0								
030	23640	4	-57.6	11.2	5	93	280	14	030	23636	9	-56.0	10.4	9	97	276	13	030	23656	2	-53.7	16.6	2	89	267	12
050	20429	4	-58.2	10.5	4	93	285	12	050	20397	8	-56.8	9.8	8	95	285	12	050	20390	1	-55.5	16.6	1	89	286	11
100	16055	4	-57.2	9.1	4	92	284	15	100	15988	7	-55.5	8.3	7	90	295	13	100	15967	0	-55.0	15.4	0	83	299	13
150	13488	4	-56.3	8.0	4	90	283	18	150	13401	7	-55.0	6.9	7	88	297	16	150	13373	0	-54.4	13.6	0	83	301	15
200	11665	4	-57.7	6.5	4	86	283	20	200	11568	7	-56.5	5.4	7	83	296	19	200	11532	0	-55.4	10.9	0	79	304	18
300	9085	4	-49.6	6.7	4	76	280	18	300	8975	7	-49.4	4.7	7	79	294	19	300	8950	0	-51.9	7.1	0	71	303	21
500	5540	4	-23.1	10.4	4	77	276	13	500	5454	4	-25.9	6.0	4	70	288	12	500	5465	0	-27.8	8.4	0	70	297	13
700	2998	4	-7.8	10.5	4	75	267	9	700	2944	4	-11.6	8.1	4	66	271	8	700	2973	0	-13.4	8.2	0	70	279	8
850	1469	4	-2.0	8.3	4	64	261	7	850	1440	4	-5.9	6.7	4	52	248	5	850	1475	0	-6.4	6.6	0	71	261	7
1010	* 90		2.1	5.0					1010	* 75		-2.1	2.4					998	* 206		-2.6	3.8				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KIRENSK</b> 30230 OCT 2002 5746N 10804E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>CHITA</b> 30758 OCT 2002 5205N 11329E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ALDAN</b> 31004 OCT 2002 5837N 12522E OB 3								
030	23672	1	-52.3	12.5	1	86	252	11	030	23756	14	-49.3		9	90	237	8	030	23693	3	-50.4	14.9	3	91	228	12
050	20382	0	-53.4	11.6	1	79	261	7	050	20448	8	-51.4		9	90	253	7	050	20384	0	-51.5	12.7	0	91	226	10
100	15919	0	-53.4	9.6	0	70	291	6	100	15963	3	-51.6		3	87	283	8	100	15901	0	-52.0	9.7	0	71	236	5
150	13306	0	-53.1	7.9	0	63	302	7	150	13338	2	-52.1		2	77	289	9	150	13278	0	-52.9	7.4	0	52	245	4
200	11454	0	-54.1	6.7	0	54	308	7	200	11482	1	-53.2		2	68	293	11	200	11429	0	-55.5	5.4	0	33	230	4
300	8868	0	-53.2	5.0	0	30	314	6	300	8880	1	-52.2		1	55	297	11	300	8860	0	-53.8	4.5	0	23	202	4
500	5414	0	-30.5	6.6	0	45	308	6	500	5418	1	-30.1	6.8	1	55	309	7	500	5407	0	-29.3	6.1	0	23	200	2
700	2953	0	-16.9	6.2	0	53	284	4	700	2948	1	-15.5	5.8	1	57	324	5	700	2934	0	-15.3	6.4	0	14	98	1
850	1475	0	-9.7	5.1	0	58	258	4	850	1465	0	-8.4	5.1	0	46	347	3	850	1457	0	-11.3	4.1	0	33	45	2
993	* 259		-5.3	3.1					942	* 671		-9.0	2.9					941	* 79		-10.3	2.7				

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED				
																											hPa	gpm	°C	°C
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OHOTSK</b> 31088 OCT 2002 5922N 14312E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VLADIVOSTOK (SAD GOROD)</b> 31977 OCT 2002 4316N 13203E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>PETROPAVLOVSK- KAMCATSKIJ</b> 32540 OCT 2002 5305N 15835E OB 3												
030	23845	10	-51.3	11.9	9	88	239	8	030	23845	14	-53.0	12.8	9	71	238	4	030	23911	9	-52.6	11.6								
050	20512	8	-50.7	10.9	8	88	235	9	050	20585	7	-54.3	12.3	7	93	240	10	050	20600	3	-52.4	11.5	4	70	259	5				
100	15984	9	-50.3	9.1	9	74	232	6	100	16155	5	-54.2	10.8	5	94	253	23	100	16086	1	-50.2	10.3	1	88	263	12				
150	13350	7	-51.1	6.9	7	64	250	7	150	13558	3	-53.2	9.3	4	94	252	29	150	13441	0	-49.8	8.8	0	89	265	16				
200	11486	7	-53.6	5.1	7	40	266	6	200	11702	3	-52.3	8.2	3	93	256	32	200	11567	0	-49.8	7.2	0	85	265	19				
300	8884	6	-51.6	3.9	6	11	291	2	300	9074	1	-46.5	7.0	1	87	258	28	300	8919	0	-47.8	5.9	0	60	265	13				
500	5405	6	-28.8	5.4	6	11	332	1	500	5521	0	-22.4	8.2	0	81	257	17	500	5397	0	-26.0	7.2	0	56	286	8				
700	2920	6	-14.3	5.9	6	41	357	3	700	2977	0	-7.2	8.2	0	74	275	9	700	2884	0	-11.1	6.2	0	31	316	3				
850	1431	6	-8.5	5.4	6	47	38	2	850	1449	0	-7	6.5	0	56	326	6	850	1371	0	-3.5	4.1	0	22	352	2				
1017	* 6		-8	5.5					1006	* 82		6.0	5.8					999	* 84		3.6	5.4								
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ORENBURG</b> 35121 OCT 2002 5141N 05506E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>HAFR AL-BATIN</b> 40373 OCT 2002 2820N 04607E OB									<b>ASIA - SAUDI ARABIA</b> <b>TABUK</b> 40375 OCT 2002 2822N 03636E OB 3												
030	23793	6	-55.4	12.1	6	96	269	14	030	23882	15	-55.8	26.0	9	93	85	10	030	23864	8	-55.4	24.5	8	86	88	7				
050	20553	5	-56.8	10.7	5	94	267	13	050	20684	15	-63.4	23.5	9	74	94	4	050	20668	8	-62.8	20.5	8	46	123	2				
100	16172	5	-57.0	9.4	5	92	265	18	100	16531	12	-71.5	18.1	9	94	247	11	100	16480	2	-69.6	15.4	2	95	254	16				
150	13600	5	-55.5	8.2	5	89	262	22	150	14087	10	-63.2	18.5	9	95	252	22	150	14032	2	-63.6	14.7	2	97	259	24				
200	11773	4	-56.0	6.9	4	87	261	24	200	12281	9	-55.3	17.8	9	94	259	21	200	12238	2	-56.5	14.1	3	95	260	23				
300	9145	1	-45.8	7.3	1	82	260	24	300	9598	9	-37.4	19.7	9	86	263	12	300	9564	2	-38.4	15.7	2	92	257	15				
500	5565	1	-20.5	9.9	1	82	254	17	500	5859	9	-10.0	22.9	9	40	257	2	500	5846	2	-11.1	15.8	2	89	239	8				
700	3005	1	-5.8	7.2	1	77	255	12	700	3181	9	8.8	15.0	9	19	270	1	700	3167	2	8.4	13.3	2	88	209	7				
850	1469	1	.3	5.9	1	68	252	8	850	1532	9	23.6	23.3	9	16	70	1	850	1521	2	22.4	18.9	2	34	188	2				
1004	* 117		8.8	7.8					970	* 358		31.3	28.0					926	* 768		26.5	20.2								
<b>ASIA - SAUDI ARABIA</b> <b>HAIL</b> 40394 OCT 2002 2726N 04141E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>KING FAHAD INT. AIRPORT</b> 40417 OCT 2002 2627N 04949E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>MADINAH</b> 40430 OCT 2002 2433N 03942E OB 3												
030	23886	13	-55.6	24.6	9	91	92	9	030	23877	8	-55.6	25.4	8	93	93	9	030	23879	9	-55.8	24.8	9	91	89	9				
050	20693	12	-63.4	21.0	9	65	113	4	050	20680	8	-63.6	20.5	8	70	94	4	050	20693	7	-63.9	20.9	7	69	99	4				
100	16512	8	-71.8	15.1	8	94	247	14	100	16533	0	-72.9	14.8	0	93	257	13	100	16551	0	-73.0	14.1	0	95	257	15				
150	14081	8	-64.0	16.0	8	95	255	22	150	14106	0	-64.2	14.8	0	96	261	24	150	14131	0	-64.7	14.1	0	97	262	27				
200	12284	8	-55.7	15.1	8	94	256	22	200	12305	0	-54.3	15.2	0	96	263	26	200	12335	0	-54.6	14.8	0	96	264	29				
300	9602	8	-37.6	15.2	8	88	254	13	300	9604	0	-36.4	16.9	0	93	270	18	300	9631	0	-35.6	15.7	0	94	260	20				
500	5869	8	-11.0	16.8	8	71	250	5	500	5860	0	-9.5	23.8	0	42	261	3	500	5876	0	-9.9	17.3	0	80	252	6				
700	3190	8	9.6	16.0	9	66	196	5	700	3178	0	8.6	16.6	0	25	359	2	700	3189	0	10.2	14.5	0	71	185	5				
850	1536	8	24.4	25.1	8	56	158	4	850	1531	0	22.7	19.8	0	44	334	2	850	1531	0	25.0	22.6	0	50	182	3				
903	*1013		26.9	25.0					1009	* 12		29.8	18.4					939	* 636		31.6	29.3								

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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	gpm	°C	°C	%	°
<b>ASIA - SAUDI ARABIA</b> <b>KING KHALED INT. AIRPORT</b> 40437 OCT 2002 2456N 04643E OB 3									<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>MASHHAD</b> 40745 OCT 2002 3616N 05938E OB 3									<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>KERMAN</b> 40841 OCT 2002 3015N 05658E OB 3														
030	23866	17	-56.4	23.8	9	96	96	11	030	23849	0	-55.3	31.6	2	45	360	3	030	23813	3	-54.8											
050	20678	17	-63.6	20.3	9	82	95	6	050	20638	0	-61.5	29.7	2	40	295	2	050	20604	2	-62.2											
100	16543	6	-73.6	14.7	8	90	256	11	100	16405	0	-66.0	24.1	1	86	270	13	100	16433	1	-70.4											
150	14131	6	-64.7	14.9	7	95	260	22	150	13927	0	-61.5	20.6	1	95	270	19	150	13996	1	-63.6											
200	12334	6	-54.3	15.4	7	94	262	24	200	12130	0	-58.6	14.3	0	88	280	14	200	12200	1	-55.5											
300	9629	6	-35.8	14.6	7	94	266	17	300	9497	0	-41.7	14.8	0	81	290	11	300	9528	1	-39.4	16.2										
500	5869	6	-8.8	21.3	7	59	272	4	500	5818	0	-13.0	16.8	0	82	290	7	500	5833	1	-11.6	17.4										
700	3187	6	8.8	15.6	7	39	360	2	700	3162	0	6.5	15.4	0	67	310	4	700	3165	1	9.2	18.2										
850	1536	6	23.8	24.5	7	40	159	2	850	1537	0	15.7	15.4	0	33	80	6	828	*1754	1	8.7	16.7										
944	* 612		27.0	27.6					906	* 980		13.2	10.8																			
<b>ASIA - SAUDI ARABIA</b> <b>JEDDAH (KING ABDUL AZIZ INT.</b> 41024 OCT 2002 2142N 03911E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>ABHA</b> 41112 OCT 2002 1814N 04239E OB									<b>ASIA - UNITED ARAB EMIRATES</b> <b>ABU DHABI INTER. AIRPORT</b> 41217 OCT 2002 2426N 05439E OB 3														
030	23833	12	-57.2	23.8	9	96	84	12	030	23823	15	-57.5	23.8	9	97	89	15	030	23771	19	-57.2		9	94	90	9						
050	20669	11	-65.0	17.1	9	89	93	7	050	20656	14	-66.5	18.1	9	90	96	7	050	20601	1	-64.8		2	71	91	5						
100	16570	4	-75.4	9.9	6	83	251	11	100	16585	8	-77.1	9.2	8	73	249	7	100	16514	0	-75.3		0	82	253	10						
150	14165	1	-65.7	10.9	4	92	257	20	150	14200	5	-66.6	9.6	6	90	264	14	150	14117	0	-65.6		0	95	255	20						
200	12371	1	-54.3	12.0	1	92	264	23	200	12408	5	-54.1	11.1	6	92	268	16	200	12323	0	-54.4	18.9	0	95	259	22						
300	9655	0	-34.5	12.7	0	94	256	19	300	9681	4	-33.1	14.2	4	92	259	12	300	9614	0	-35.1	19.5	0	95	268	18						
500	5881	0	-7.9	18.2	0	76	262	6	500	5878	3	-6.3	20.3	4	58	273	3	500	5856	0	-8.6	31.1	0	15	280	1						
700	3181	0	10.4	12.2	0	64	142	5	700	3173	3	10.5	13.2	3	62	102	3	700	3172	0	8.6	19.4	0	42	98	2						
850	1524	0	23.6	15.2	0	48	158	3	795	*2093		20.0	18.2					850	1526	0	23.1	24.7	0	39	339	2						
1007	* 17		30.4	7.0														1007	* 27		30.5	8.8										
<b>ASIA - OMAN</b> <b>SEEB, INTERNATIONAL AIRPORT</b> 41256 OCT 2002 2335N 05817E OB 1									<b>ASIA - OMAN</b> <b>SALALAH</b> 41316 OCT 2002 1702N 05405E OB 3									<b>ASIA - PAKISTAN</b> <b>SARGODHA</b> 41594 OCT 2002 3203N 07240E OB /														
030	23808	28	-55.4	32.5	9	82	60	5	030	23733	8	-57.8	31.3					030														
050	20621	9	-64.5	15.6	9	56	95	4	050	20573	3	-66.4	23.6					050														
100	16540	2	-76.6	16.7	3	89	250	12	100	16537	1	-79.4	16.3					100	16515	9	-69.3		9	65	257	19						
150	14156	1	-65.9	17.4	3	66	252	24	150	14182	0	-68.0	15.2					150	14057	4	-59.7		5	81	260	23						
200	12380	1	-54.0	19.0	2	97	258	25	200	12401	0	-54.7	15.9					200	12226	4	-51.3		4	88	263	20						
300	9646	1	-34.0	23.0	2	96	270	20	300	9677	0	-32.5	25.7					300	9517	4	-37.5		4	80	268	12						
500	5873	0	-8.6	34.0	1	43	297	4	500	5865	0	-4.8	38.2					500	5804	5	-11.5	20.0	4	64	287	5						
700	3188	0	8.6	20.5	0	79	58	4	700	3155	0	8.0	21.5					700	3129	4	8.6	16.1	4	46	245	3						
850	1540	0	23.3	24.2	0	30	237	1	850	1518	0	20.8	22.5					850	1497	4	20.8	14.3	4	18	221	1						
1010	* 8		26.5	8.1					1009	* 20		23.9	8.1					1010	* 188		31.0	13.8										

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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
<b>ASIA - INDIA SRINAGAR</b> 42027 OCT 2002 3405N 07450E OB 3									<b>ASIA - INDIA NEW DELHI/SAFDARJUNG</b> 42182 OCT 2002 2835N 07712E OB 3									<b>ASIA - INDIA JODHPUR</b> 42339 OCT 2002 2618N 07301E OB 3									
030									030									030	23946	9	-64.9						
050									050	20621	10	-59.2						050	20786	9	-62.3						
100	16462	3	-65.9						100	16452		-74.3						100	16595	8	-73.7			9	99	256	13
150	13976	2	-59.5						150	14054		-64.1		3	97	266	28	150	14178	4	-63.9			9	98	262	33
200	12146	0	-54.1		9	87	295	22	200	12260		-53.6			97	265	32	200	12372	3	-51.3			9	96	251	37
300	9477	0	-40.5	8.8	9	76	260	11	300	9542		-35.3			97	269	27	300	9638	2	-31.9			4	91	257	28
500	5795	0	-13.5	10.2	9	26	290	2	500	5803		-10.5	22.3		89	287	10	500	5868	1	-8.2			4	76	270	8
700	3134	0	6.4	9.4	4	23	295	1	700	3133		7.0	18.8		89	317	6	700	3163	1	8.8	14.9		1	61	143	3
843	*1587		13.8	6.8					850	1500		19.6	18.7		74	321	3	850									
									978	* 216		25.4	9.9					984	* 224		31.1	25.2					
<b>ASIA - INDIA LUCKNOW/AMAUSI</b> 42369 OCT 2002 2645N 08053E OB 3									<b>ASIA - INDIA GAUHATI</b> 42410 OCT 2002 2606N 09135E OB 3									<b>ASIA - INDIA AHMADABAD</b> 42647 OCT 2002 2304N 07238E OB 3									
030									030									030									
050									050									050									
100	16503	8	-74.7						100									100									
150	14124	3	-68.9	11.1	8	97	255	28	150									150									
200	12311	2	-53.5	2.4	5	97	270	27	200	12398	5	-51.7		6	98	263	24	200	12443	8	-51.6			9	96	249	27
300	9584	0	-33.5	9.2	1	89	278	15	300	9635	1	-31.5		2	98	263	22	300	9676	5	-31.5			8	97	260	23
500	5806	0	-8.7	17.0	1	92	272	11	500	5832	0	-6.6		0	93	260	12	500	5863	5	-5.9			7	83	262	10
700	3137	0	7.2	14.7	0	72	308	6	700	3132	0	7.5		0	60	233	3	700	3158	3	7.9	12.5		4	52	341	3
850	1496	0	18.8	10.8	0	52	318	3	850	1500	0	17.5	4.4	0	30	92	1	850	1515	3	22.0	5.1	3	32	15	1	
995	* 128		25.6	5.2					1004	* 54		25.0	3.3					1002	* 55		30.3	15.1					
<b>ASIA - INDIA CALCUTTA/DUM DUM</b> 42809 OCT 2002 2239N 08827E OB 3									<b>ASIA - INDIA NAGPUR SONEGAON</b> 42867 OCT 2002 2106N 07903E OB 3									<b>ASIA - INDIA BHUBANESWAR</b> 42971 OCT 2002 2015N 08550E OB 3									
030	23944	5	-54.3		6	82	103	11	030									030	23907	4	-54.6						
050	20698	1	-61.2		1	88	95	8	050									050	20704	3	-62.8						
100	16554	1	-79.1		1	70	267	7	100	16563	8	-79.6						100	16628		-79.8						
150	14228	1	-67.1		1	91	263	17	150	14206	6	-67.0			9	90	239	12	150	14260		-66.9					
200	12433	1	-53.0		1	92	261	21	200	12412	5	-52.7		8	92	231	15	200	12463		-52.3						
300	9686	0	-30.7		0	97	266	17	300	9667	2	-31.6		4	92	248	12	300	9711		-30.3						
500	5865	0	-5.1		0	86	274	9	500	5861	0	-5.7		2	74	260	5	500	5878		-4.9	8.8	5	11	191	1	
700	3142	0	10.7	12.0	0	66	275	4	700	3148	0	8.0	13.7	2	84	3	5	700	3150		10.5	8.0		22	275	1	
850	1500	0	18.2	6.2	0	35	20	2	850	1512	0	20.3	12.6	0	61	42	3	850	1506		18.5	7.1		52	30	3	
1008	* 6		26.5	4.1					975	* 310		25.2	5.5					1004	* 46		26.2	3.4					

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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
<b>ASIA - INDIA</b> <b>BOMBAY/SANTACRUZ</b> 43003 OCT 2002 1907N 07251E OB 3									<b>ASIA - INDIA</b> <b>HYDERABAD AIRPORT</b> 43128 OCT 2002 1727N 07828E OB 3									<b>ASIA - INDIA</b> <b>CWC VISHAKHAPATNAM/WALTAIR</b> 43150 OCT 2002 1742N 08318E OB 3								
030									030									030								
050									050									050								
100	16591	8	-78.2		8	60	203	4	100	16589	4	-81.1		4	68	126	4	100	16582	0	-80.9		0	66	127	5
150	14202	2	-67.9		3	90	212	12	150	14249	1	-68.1		1	78	187	7	150	14221	0	-66.9		0	71	191	6
200	12403	0	-53.6		1	94	221	13	200	12459	1	-53.4		1	86	192	9	200	12424	0	-52.4	5.5	0	75	200	7
300	9662	0	-31.4		0	90	258	8	300	9713	1	-30.4		1	62	213	4	300	9675	0	-30.5	8.5	0	59	205	4
500	5847	0	-5.4		0	64	262	3	500	5877	1	-4.0	9.1	1	34	91	2	500	5848	0	-5.0	7.6	0	21	143	1
700	3134	0	9.0	10.8	0	78	68	4	700	3145	0	10.4	8.5	0	45	64	3	700	3125	0	10.3	8.5	0	8	68	1
850	1491	0	20.9	12.7	0	84	55	4	850	1497	0	20.7	7.5	0	71	64	4	850	1481	0	19.0	7.0	0	55	53	4
1005	* 14		29.5	8.1					948	* 545		25.7	7.2					1002	* 66		27.3	4.0				
<b>ASIA - INDIA</b> <b>GOA/PANJIM</b> 43192 OCT 2002 1529N 07349E OB 3									<b>ASIA - INDIA</b> <b>MADRAS/MINAMBakkam</b> 43279 OCT 2002 1300N 08011E OB 3									<b>ASIA - INDIA</b> <b>MANGALORE/PANAMBUR</b> 43285 OCT 2002 1257N 07450E OB 3								
030									030									030								
050									050	20786	3	-62.4		4	77	91	5	050								
100	16496	10	-81.7		9	53	141	4	100	16654	0	-77.0		0	91	100	8	100	16577	9	-79.9					
150	14187	6	-70.1		6	76	168	9	150	14271	0	-65.4		0	89	109	11	150	14241	5	-69.1					
200	12417	5	-54.8		6	77	167	8	200	12464	0	-51.4		0	82	105	8	200	12455	2	-53.8					
300	9683	3	-31.6		3	43	263	3	300	9701	0	-29.5	8.7	0	24	118	5	300	9707	1	-30.4	7.7				
500	5854	0	-5.1	6.7	0	58	76	4	500	5861	5	-4.6	7.2	0	51	125	3	500	5873	1	-4.6	6.8	5	52	104	4
700	3133	0	10.1	4.7	0	82	76	6	700	3136	0	10.1	6.4	0	15	76	1	700	3148	1	9.7	4.3	1	42	73	3
850	1488	0	20.6	5.4	0	71	73	5	850									850	1503	1	19.2	3.0	1	17	79	1
1001	* 60		27.6	2.8					1006	* 16		27.4	3.8					1006	* 31		26.7	2.4				
<b>ASIA - INDIA</b> <b>PORT BLAIR</b> 43333 OCT 2002 1140N 09243E OB 3									<b>ASIA - INDIA</b> <b>COCHIN/WILLINGDON</b> 43353 OCT 2002 0957N 07616E OB 3									<b>ASIA - INDIA</b> <b>THIRUVANANTHAPURAM</b> 43371 OCT 2002 0829N 07657E OB 3								
030									030									030	23832	8	-58.0		9	78	92	6
050									050									050	20665	5	-64.9		8	3	130	0
100	16629	1	-80.8		9	96	94	12	100									100	16579	2	-79.2		5	91	100	9
150	14269	0	-66.9		7	99	97	14	150	14151	6	-71.2						150	14216	1	-68.5		3	90	98	12
200	12470	0	-52.5		6	92	90	11	200	12384	5	-55.7						200	12430	1	-53.2		3	93	93	11
300	9715	0	-29.7	2.4	2	92	92	6	300	9660	3	-31.9	5.6					300	9683	0	-29.9	8.9	2	87	101	6
500	5872	0	-4.9	9.3	1	88	91	4	500	5854	3	-6.0	5.3					500	5847	0	-5.6	5.6	1	32	95	2
700	3146	0	10.1	5.0	0	68	96	3	700	3133	0	8.0	4.7					700	3129	0	9.3	5.4	1	43	287	3
850	1501	0	18.5	3.4	0	41	116	2	850	1494	0	18.0	3.5					850	1490	0	18.0	4.1	0	66	286	4
1000	* 79		26.3	2.1					1008	* 3		27.1	3.0					1002	* 64		26.2	2.5				



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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
<b>ASIA - HONG KONG, CHINA</b> <b>KING'S PARK</b> <b>45004</b> OCT 2002 2219N 11410E OB 1								<b>ASIA - REPUBLIC OF KOREA</b> <b>OSAN AB</b> <b>47122</b> OCT 2002 3706N 12702E OB 3								<b>ASIA - REPUBLIC OF KOREA</b> <b>POHANG</b> <b>47138</b> OCT 2002 3602N 12923E OB 3										
030	23790	3	-56.6	27.4	3	97	95	13	030	23905	1	-54.0	13.7	1	23	176	1	030	23886	0	-54.4		0	39	129	2
050	20613	1	-65.8	21.0	1	62	100	5	050	20644	0	-56.9	12.0	0	85	244	7	050	20644	0	-58.1		0	77	238	6
100	16580	1	-80.9	10.2	1	88	265	10	100	16298	0	-60.7	11.1	0	96	259	28	100	16336	0	-62.9		0	96	257	27
150	14228	1	-67.5	11.5	1	91	271	16	150	13763	0	-57.9	11.2	0	97	260	39	150	13822	0	-59.4		0	96	255	44
200	12437	0	-52.9	15.4	0	89	271	17	200	11935	0	-54.1	11.3	0	94	259	41	200	12002	0	-54.3		0	95	255	47
300	9693	0	-31.1	15.8	0	94	271	16	300	9282	0	-43.1	11.6	0	95	263	35	300	9337	0	-41.6	14.4	0	94	256	37
500	5875	0	-5.9	13.5	0	89	260	8	500	5651	0	-17.8	14.4	0	92	272	21	500	5688	0	-16.3	16.8	0	93	265	21
700	3162	0	8.9	8.2	0	57	235	4	700	3057	0	-2.5	12.1	0	86	280	11	700	3076	0	-.9	17.7	0	75	274	9
850	1527	0	16.4	5.0	0	51	129	3	850	1494	0	5.5	10.9	0	64	291	6	850	1504	0	6.7	12.9	0	56	291	5
1007	* 66		23.5	4.5					1012	* 52		10.5	4.8					1017	* 6		14.2	7.3				
<b>ASIA - REPUBLIC OF KOREA</b> <b>KWANGJU AB</b> <b>47158</b> OCT 2002 3507N 12649E OB 3								<b>ASIA - JAPAN</b> <b>WAKKANAI</b> <b>47401</b> OCT 2002 4525N 14141E OB 2								<b>ASIA - JAPAN</b> <b>SAPPORO</b> <b>47412</b> OCT 2002 4303N 14120E OB 2										
030	23944	1	-53.3	13.4	1	31	105	2	030	23865	6	-54.1		6	40	242	2	030	23867	1	-54.5		1	27	243	1
050	20683	0	-57.6	11.4	0	81	245	6	050	20594	0	-54.2		1	92	238	8	050	20610	1	-55.6		1	92	241	8
100	16374	0	-63.2	10.2	0	97	260	29	100	16157	0	-54.4		0	95	248	21	100	16216	0	-57.0		0	95	250	25
150	13861	0	-59.0	10.6	0	97	259	44	150	13561	0	-54.0		0	95	250	31	150	13646	0	-55.5		0	95	250	37
200	12036	0	-54.0	10.8	0	96	258	47	200	11706	0	-51.9		1	92	251	37	200	11804	0	-53.3		0	93	250	44
300	9364	0	-40.8	11.4	0	95	258	36	300	9063	0	-46.3		1	89	254	31	300	9151	0	-44.0		0	91	254	38
500	5700	0	-15.2	13.5	0	93	264	21	500	5508	0	-23.1	8.8	1	81	258	17	500	5560	0	-21.0	11.1	0	88	260	21
700	3078	0	-.2	13.0	0	84	281	11	700	2965	0	-8.2	6.9	0	79	255	12	700	2997	0	-5.7	9.5	0	81	258	12
850	1502	0	7.5	10.0	0	60	304	5	850	1434	0	.2	4.7	1	58	256	7	850	1451	0	2.3	6.0	0	61	253	7
1017	* 13		12.4	3.7					1012	* 11		10.3	5.4					1011	* 26		11.2	6.1				
<b>ASIA - JAPAN</b> <b>NEMURO</b> <b>47420</b> OCT 2002 4320N 14535E OB 2								<b>ASIA - JAPAN</b> <b>AKITA</b> <b>47582</b> OCT 2002 3943N 14006E OB 2								<b>ASIA - JAPAN</b> <b>WAJIMA</b> <b>47600</b> OCT 2002 3723N 13654E OB 2										
030	23873	2	-55.4		2	19	286	1	030	23869	3	-55.4		4	40	259	2	030	23877	4	-55.2		5	24	256	1
050	20623	0	-56.3		1	91	249	7	050	20623	2	-57.3		2	92	243	8	050	20643	2	-58.7		2	84	235	7
100	16235	0	-57.5		0	97	251	26	100	16291	0	-61.4		0	95	250	28	100	16344	0	-64.1		0	95	250	29
150	13674	0	-56.2		0	96	253	38	150	13766	0	-59.0		0	96	252	42	150	13836	0	-59.3		0	96	251	44
200	11833	0	-52.6		0	95	253	45	200	11944	0	-54.0		0	93	250	45	200	12016	0	-53.4		0	94	250	46
300	9173	0	-43.2		0	93	255	38	300	9275	0	-41.3		0	92	251	38	300	9336	0	-40.3		0	93	251	38
500	5570	0	-20.3	10.7	0	92	257	21	500	5634	0	-17.6	11.1	0	88	255	23	500	5674	0	-16.2	10.8	0	94	255	22
700	3002	0	-5.1	10.4	0	83	262	12	700	3041	0	-2.5	10.6	0	82	253	13	700	3065	0	-1.2	11.3	0	86	254	10
850	1453	0	2.5	3.8	0	61	259	6	850	1478	0	5.5	5.2	0	65	247	6	850	1493	0	7.1	6.7	0	68	249	7
1010	* 39		10.8	4.0					1014	* 7		13.7	4.3					1014	* 14		14.3	3.0				

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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
<b>ASIA - JAPAN</b> <b>TATENO</b> 47646 OCT 2002 3603N 14008E OB 2								<b>ASIA - JAPAN</b> <b>HACHIJOJIMA/OMURE</b> 47678 OCT 2002 3307N 13947E OB 2								<b>ASIA - JAPAN</b> <b>YONAGO</b> 47744 OCT 2002 3526N 13321E OB 2												
030	23869	3	-55.7						030	23869	1	-55.5			1	55	100	3	030	23858	4	-54.7			4	15	171	1
050	20651	1	-60.1		2	77	236	5	050	20661	1	-61.7			1	60	217	3	050	20638	0	-59.4			1	82	238	6
100	16407	0	-67.0		0	96	249	28	100	16481	0	-71.8			0	95	249	27	100	16374	0	-65.7			0	96	253	29
150	13932	0	-61.0		0	96	253	43	150	14052	0	-63.2			0	96	254	39	150	13887	0	-61.0			0	96	253	46
200	12117	0	-53.4		0	95	251	47	200	12244	0	-53.0			0	95	254	42	200	12071	0	-53.7			0	96	253	47
300	9420	0	-37.9		0	94	251	39	300	9526	0	-35.0	10.6		0	94	254	37	300	9386	0	-39.0			0	93	256	38
500	5722	0	-13.5	14.2	0	95	254	23	500	5783	0	-10.8	13.5		0	93	254	21	500	5705	0	-15.1	12.9		0	94	258	21
700	3082	0	1.9	14.2	0	83	254	11	700	3116	0	4.7	17.3		0	83	254	10	700	3080	0	.2	13.9		0	87	270	10
850	1494	0	9.5	6.0	0	54	247	4	850	1513	0	11.4	6.2		0	46	263	4	850	1503	0	7.5	4.7		0	55	271	5
1011	* 31		15.3	3.0					997	* 153		19.6	4.8						1016	* 8		16.3	4.5					
<b>ASIA - JAPAN</b> <b>SHIONOMISAKI</b> 47778 OCT 2002 3327N 13546E OB 2								<b>ASIA - JAPAN</b> <b>FUKUOKA</b> 47807 OCT 2002 3335N 13023E OB 2								<b>ASIA - JAPAN</b> <b>KAGOSHIMA</b> 47827 OCT 2002 3133N 13033E OB 2												
030	23871	4	-55.4		4	55	107	3	030	23860	1	-55.2			2	44	125	2	030	23854	0	-55.3			0	74	106	4
050	20651	2	-61.3		3	70	231	5	050	20636	1	-60.3			1	85	231	6	050	20645	0	-62.0			0	63	220	4
100	16450	0	-69.7		0	95	250	28	100	16411	0	-67.5			0	97	254	30	100	16466	0	-71.2			0	97	253	28
150	14002	0	-62.9		0	96	254	42	150	13947	0	-62.0			0	97	255	45	150	14034	0	-63.2			0	97	256	42
200	12193	0	-53.3		0	96	252	45	200	12133	0	-53.4			0	95	256	48	200	12226	0	-53.3			0	95	258	44
300	9483	0	-36.2	11.1	0	94	253	39	300	9439	0	-38.0	9.5		0	94	257	38	300	9516	0	-35.9	10.5		0	95	257	37
500	5763	0	-12.2	14.3	0	94	256	22	500	5741	0	-13.4	15.3		0	93	260	20	500	5782	0	-11.0	14.9		0	92	258	20
700	3108	0	3.9	19.0	0	88	263	11	700	3100	0	2.3	20.2		0	81	273	9	700	3119	0	4.4	19.0		0	79	264	9
850	1511	0	10.3	5.8	0	47	273	4	850	1513	0	9.0	8.4		1	54	285	4	850	1519	0	11.0	8.3		0	42	289	4
1008	* 75		18.8	5.1					1015	* 15		18.5	7.1						1013	* 31		20.2	6.6					
<b>ASIA - JAPAN</b> <b>NAZE/FUNCHATOKE</b> 47909 OCT 2002 2823N 12933E OB 2								<b>ASIA - JAPAN</b> <b>ISHIGAKIJIMA</b> 47918 OCT 2002 2420N 12410E OB 2								<b>ASIA - JAPAN</b> <b>NAHA</b> 47936 OCT 2002 2612N 12741E OB 2												
030	23842	3	-55.6		3	93	94	8	030	23810	3	-56.6			3	97	89	10	030	23823	6	-56.0			6	95	89	9
050	20645	2	-63.6		3	47	142	3	050	20631	3	-65.0			3	78	101	5	050	20638	5	-64.7			5	69	118	4
100	16529	0	-75.5		0	96	252	22	100	16579	0	-79.1			1	94	255	14	100	16564	0	-77.9			0	96	254	18
150	14136	0	-65.1		0	97	258	33	150	14215	0	-66.6			0	96	262	22	150	14188	0	-66.1			0	97	259	27
200	12334	0	-53.1		0	94	259	34	200	12419	0	-52.8			0	92	263	22	200	12389	0	-53.0			0	93	262	27
300	9607	0	-33.4	9.0	0	96	260	30	300	9678	0	-31.6	9.6		0	94	265	20	300	9654	0	-32.4	9.4		0	93	263	24
500	5831	0	-8.4	10.9	0	93	258	18	500	5867	0	-6.5	7.3		0	92	263	12	500	5856	0	-7.1	8.6		0	87	257	13
700	3141	0	6.6	13.5	0	78	260	8	700	3160	0	8.0	3.4		0	55	279	4	700	3154	0	7.6	7.9		0	74	272	7
850	1527	0	13.3	5.5	0	21	286	2	850	1530	0	15.8	2.7		0	59	60	4	850	1531	0	14.8	4.8		1	22	67	2
982	* 295		20.1	2.9					1014	* 7		25.2	4.9						1012	* 27		24.4	5.6					

# UPPER AIR

# OCTOBER 2002

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
<b>ASIA - JAPAN</b> <b>MINAMIDAITOJIMA</b> 47945 OCT 2002 2550N 13114E OB 2									<b>ASIA - JAPAN</b> <b>CHICHIJIMA</b> 47971 OCT 2002 2705N 14211E OB 3									<b>ASIA - JAPAN</b> <b>MINAMITORISHIMA</b> 47991 OCT 2002 2418N 15358E OB 3								
030	23822	2	-56.4		2	95	91	9	030	23840	2	-55.9		2	99	93	10	030	23826	6	-56.1		6	98	89	11
050	20643	2	-64.8		2	66	110	4	050	20654	2	-64.5		2	81	101	4	050	20650	5	-65.9		5	83	92	6
100	16583	0	-78.2		0	93	248	15	100	16596	0	-77.8		0	85	240	12	100	16633	0	-79.4		0	20	215	2
150	14207	0	-66.0		0	95	258	23	150	14218	0	-65.8		0	80	255	16	150	14267	0	-66.2		0	58	248	8
200	12409	0	-52.8		0	94	261	24	200	12418	0	-52.6		0	81	259	16	200	12468	0	-52.7		0	49	241	7
300	9671	0	-31.8	9.0	0	95	261	21	300	9680	0	-32.2	14.9	0	85	255	15	300	9727	0	-31.3	12.9	0	34	218	4
500	5867	0	-6.5	10.2	0	86	250	12	500	5876	0	-6.4	14.6	0	76	259	10	500	5903	0	-4.2	20.4	0	21	137	2
700	3158	0	8.4	9.0	0	70	256	6	700	3161	0	9.4	13.5	0	40	260	4	700	3177	0	10.7	13.3	0	43	123	4
850	1531	0	15.1	4.0	0	23	78	2	850	1530	0	15.5	4.6	0	18	61	2	850	1536	0	17.4	4.4	0	67	110	6
1013	* 20		24.0	3.6					1014	* 8		25.7	3.4					1013	* 9		27.3	4.1				
<b>ASIA - THAILAND</b> <b>CHIANG MAI</b> 48327 OCT 2002 1847N 09859E OB 1									<b>ASIA - THAILAND</b> <b>UBON RATCHATHANI</b> 48407 OCT 2002 1515N 10452E OB 1									<b>ASIA - THAILAND</b> <b>BANGKOK</b> 48455 OCT 2002 1344N 10034E OB 1								
030	23799	7	-52.1						030									030	23786							
050	20633	5	-66.9						050									050	20626	9	-67.3		9	87	110	5
100	16620	2	-82.0		3	10	150	1	100									100	16621	5	-81.6		5	84	115	8
150	14276	2	-66.6		2	24	250	2	150									150	14279	5	-66.9		5	75	115	8
200	12479	1	-51.3		2	37	285	3	200									200	12484	5	-51.7		5	82	115	7
300	9721	1	-28.9		1	42	260	2	300	9697	16	-30.7	10.1					300	9728	5	-28.9	10.6	5	81	110	5
500	5879	0	-4.0	7.3	0	35	285	1	500	5876	6	-5.2	8.2	7	80	90	5	500	5887	5	-4.2	9.0	5	79	115	5
700	3151	0	10.7	5.9	0	17	165	1	700	3159	6	9.4	4.9		72			700	3160	5	10.6	6.8	5	71	105	3
850	1507	0	19.0	4.5	0	44	150	2	850	1517	6	17.9	3.4		49			850	1518	5	18.9	5.4	5	55	105	3
976	* 314		22.9	1.7					9999	* 127		23.6	1.6					1011	* 20		25.6	1.7				
<b>ASIA - THAILAND</b> <b>SONGKHLA</b> 48568 OCT 2002 0712N 10036E OB 1									<b>ASIA - CHINA</b> <b>HAILAR</b> 50527 OCT 2002 4913N 11945E OB 3									<b>ASIA - CHINA</b> <b>URUMQI</b> 51463 OCT 2002 4347N 08737E OB 3								
030	23751	10	-57.5		9	88	80	5	030	23861	1	-48.5	8.1	1	89	240	8	030	23769	2	-54.2	8.7	6	75	299	6
050	20585	8	-65.6		9	33	285	1	050	20520	1	-50.8	7.3	1	0	251	9	050	20539	1	-59.2	7.8	3	91	295	10
100	16549	4	-81.7		4	94	90	10	100	16022	0	-51.8	6.7	0	91	264	10	100	16221	1	-60.7	7.1	3	95	288	18
150	14216	3	-68.6		3	98	85	16	150	13396	0	-51.8	6.1	0	86	274	12	150	13692	1	-59.8	6.9	2	92	286	23
200	12432	3	-53.8		3	96	105	11	200	11536	0	-52.8	5.5	0	72	277	13	200	11898	1	-60.0	6.6	1	88	284	21
300	9690	2	-30.7	6.5	2	90	95	6	300	8926	0	-51.1	4.7	0	57	279	13	300	9308	0	-47.1	7.4	0	85	284	17
500	5861	1	-5.2	5.1	1	72	90	4	500	5437	0	-28.0	5.6	0	44	295	7	500	5710	0	-18.4	9.9	0	92	291	12
700	3142	1	9.2	3.5	1	19	185	1	700	2950	0	-14.2	4.4	0	36	326	4	700	3114	0	-1.2	11.2	0	63	313	5
850	1503	1	18.1	4.3	2	42	255	2	850	1454	0	-5.9	3.8	0	38	321	3	850	1542	0	6.8	9.4	0	50	14	2
1008	* 5		25.1	1.7					946	* 611		-5.7	2.7					915	* 919		6.9	7.5				

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - CHINA</b> <b>BEIJING</b> 54511 OCT 2002 3956N 11617E OB 3								<b>ASIA - CHINA</b> <b>LHASA</b> 55591 OCT 2002 2940N 09108E OB 3								<b>ASIA - CHINA</b> <b>KUNMING</b> 56778 OCT 2002 2501N 10241E OB 3										
030	23867	0	-52.4	20.9	0	50	235	3	030	23852	2	-54.5		2	57	78	4	030	23799	3	-55.0		8	92	92	12
050	20581	0	-55.3	19.6	0	89	260	8	050	20645	2	-63.6		2	40	322	2	050	20607	3	-64.5		8	60	83	3
100	16195	0	-58.4	18.7	0	96	269	23	100	16547	0	-73.8		0	96	274	23	100	16553	2	-79.9		7	93	282	14
150	13634	0	-56.6	17.4	0	97	274	30	150	14124	0	-63.1	6.5	0	0	268	38	150	14191	1	-67.0		2	96	276	24
200	11806	0	-56.0	16.2	0	94	275	33	200	12309	0	-52.0	9.3	0	0	265	44	200	12398	0	-53.3	8.9	0	96	277	27
300	9193	0	-47.1	16.0	0	89	276	31	300	9579	0	-34.3	10.5	0	0	269	30	300	9661	0	-32.2	10.5	0	96	269	23
500	5617	0	-20.9	17.0	0	91	282	20	500	5821	0	-8.8	7.0	0	83	241	5	500	5856	0	-6.5	12.5	0	93	267	14
700	3049	0	-5.2	17.7	0	85	287	11	656	*3650		4.1	7.5					700	3153	0	7.4	4.2	0	78	263	7
850	1500	0	2.7	13.2	0	67	289	6										814	*1892		13.7	3.0				
1017	* 55		7.7	8.1																						
<b>ASIA - CHINA</b> <b>SHANGHAI</b> 58362 OCT 2002 3124N 12128E OB 3								<b>AFRICA - MADEIRA</b> <b>FUNCHAL</b> 08522 OCT 2002 3238N 01654W OB 3								<b>AFRICA - MOROCCO</b> <b>CASABLANCA</b> 60155 OCT 2002 3334N 00740W OB 1										
030	23809	2	-54.6		3	86	85	6	030	23859	0	-55.3		0	49	92	2	030								
050	20593	1	-61.3		1	43	229	3	050	20643	0	-61.0		0	13	255	1	050								
100	16411	1	-70.6		1	97	261	28	100	16425	0	-68.9		0	83	267	5	100	16420				9	85	270	11
150	13967	1	-62.9	12.2	1	96	265	43	150	13992	0	-66.4		0	84	278	7	150	13974				6	83	271	15
200	12160	1	-53.9	10.6	1	94	264	46	200	12224	0	-59.0		0	71	286	7	200	12200				6	68	281	14
300	9468	0	-37.9	11.7	0	93	262	37	300	9568	0	-38.6	13.1	0	68	278	6	300	9546				5	55	268	10
500	5768	0	-12.8	14.7	0	94	265	17	500	5842	0	-9.9	23.1	0	68	270	5	500	5832				5	68	256	8
700	3122	0	2.7	15.4	0	75	283	6	700	3164	0	6.9	25.3	0	60	258	3	700	3164				5	83	242	9
850	1529	0	10.1	10.4	0	43	332	3	850	1548	0	12.8	9.5	0	54	271	2	850	1543				5	76	256	6
1018	* 4		18.5	4.5					1013	* 56		22.3	6.3					1011	* 62		20.2	2.9				
<b>AFRICA - ALGERIA</b> <b>DAR-EL-BEIDA</b> 60390 OCT 2002 3643N 00315E OB 3								<b>AFRICA - ALGERIA</b> <b>BECHAR</b> 60571 OCT 2002 3137N 00214W OB 3								<b>AFRICA - ALGERIA</b> <b>IN SALAH</b> 60630 OCT 2002 2712N 00228E OB 2										
030									030									030								
050	20636	2	-59.3		3	55	250	3	050	20647	11	-61.5		9	7	260	1	050								
100	16375	0	-66.1		1	87	280	11	100	16435	0	-68.6		7	89	280	11	100	16471	0	-68.5		4	91	280	13
150	13908	0	-63.7		1	85	280	15	150	13992	0	-64.9		6	86	270	15	150	14041	0	-65.0		3	36	300	6
200	12130	0	-60.0		0	83	280	16	200	12216	0	-58.7		3	66	280	12	200	12257	0	-57.1		3	86	270	14
300	9494	0	-41.2		0	76	280	14	300	9580	0	-39.6		1	50	280	8	300	9587	0	-38.6	18.6	0	48	260	7
500	5809	0	-12.7	17.5	0	77	270	11	500	5854	0	-11.1	18.4	2	54	260	6	500	5870	0	-10.7	21.4	0	35	230	3
700	3155	0	4.7	17.5	0	86	270	10	700	3185	0	6.3	16.7	0	51	250	4	700	3196	0	7.4	16.7	0	11	190	1
850	1550	0	14.0	13.5	0	82	260	7	850	1560	0	18.1	17.7	1	26	180	2	850	1560	0	20.1	21.7	0	33	150	2
1015	* 25		20.9	6.2					927	* 773		23.6	16.8					985	* 293		31.7	21.5				

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>AFRICA - ALGERIA</b> <b>TAMANRASSET</b> <b>60680</b> OCT 2002 2247N 00531E OB 3								<b>AFRICA - TUNISIA</b> <b>TUNIS-CARTHAGE</b> <b>60715</b> OCT 2002 3650N 01014E OB 1								<b>AFRICA - SENEGAL</b> <b>DAKAR/YOFF</b> <b>61641</b> OCT 2002 1444N 01730W OB 3											
030								030	23863	8	-55.1	29.6	9	23	93	1		030	23749	3	-58.5	31.1					
050	20613	6	-64.5		7	94	100	8	050	20624	4	-59.5	26.7	4	68	263	4	050	20596	1	-66.4	24.8	1	67	100	5	
100	16510	1	-74.1		1	93	280	15	100	16351	0	-65.6	19.5	2	84	283	11	100	16552	0	-76.1	15.8	0	62	240	5	
150	14101	0	-65.5		0	98	270	23	150	13881	0	-63.5	16.0	1	78	280	15	150	14169	0	-68.7	13.0	0	82	250	13	
200	12315	0	-55.5		0	96	270	22	200	12102	0	-60.0	10.0	1	75	281	17	200	12396	0	-55.4	13.5	0	78	255	12	
300	9621	0	-36.0	19.0	0	90	270	15	300	9474	0	-41.7	11.3	1	73	281	15	300	9677	0	-32.5	17.3	0	70	245	8	
500	5874	0	-9.9	18.7	0	60	250	4	500	5796	0	-13.0	16.7	1	68	274	10	500	5877	0	-6.6	16.8	0	31	110	2	
700	3193	0	8.1	17.2	0	20	130	1	700	3144	0	4.2	16.8	1	77	287	10	700	3179	0	8.5	10.3	1	84	90	7	
850	1551	0	22.3	21.6	0	76	110	4	850	1536	0	13.5	13.1	1	73	279	7	850	1536	0	21.3	15.4	1	86	80	6	
869	*1378		25.4	22.3					1016	* 4		19.5	3.0					1009	* 24		28.0	3.7					
<b>AFRICA - OCEAN ISLANDS (UK)</b> <b>ST. HELENA IS.</b> <b>61901</b> OCT 2002 1556S 00504W OB 3								<b>AFRICA - OCEAN ISLANDS (FRANCE)</b> <b>MARTIN DE VIVIES (ILE AMSTER)</b> <b>61996</b> OCT 2002 3748S 07732E OB 2								<b>AFRICA - OCEAN ISLANDS (FRANCE)</b> <b>PORT-AUX-FRANCAIS (ILES KERG)</b> <b>61998</b> OCT 2002 4921S 07015E OB 2											
030	23772	10	-58.2		9	71	93	6	030									030									
050	20620	8	-67.0		9	32	196	3	050									050	20508	4	-51.4						
100	16559	8	-75.4		9	88	291	9	100	16289	2	-62.6		2	91	259	16	100	16021	3	-52.7						
150	14160	8	-65.8		8	92	273	16	150	13752	0	-58.0		0	93	264	26	150	13398	3	-51.4						
200	12372	8	-55.1		8	91	273	19	200	11932	0	-56.4		0	90	264	28	200	11530	3	-52.3						
300	9662	8	-34.2	22.0	8	81	278	10	300	9305	0	-43.6		0	88	276	26	300	8881	3	-46.3		6	81	259	30	
500	5880	8	-7.6	28.1	8	20	10	1	500	5670	0	-16.5	13.8	0	86	267	19	500	5335	3	-23.8	15.2	4	80	258	24	
700	3177	8	10.4	24.7	8	10	71	1	700	3070	4	-1.0	16.9	4	79	273	14	700	2802	3	-9.8	13.3	4	81	258	18	
850	1536	8	17.9	23.9	8	66	97	5	850	1495	0	5.1	9.9	0	83	280	12	850	1286	2	-4.1	5.6	3	82	258	14	
968	* 436		17.2	3.9					1014	* 29		13.1	3.7					994	* 30		4.8	5.4					
<b>AFRICA - EGYPT</b> <b>MERSA MATRUH</b> <b>62306</b> OCT 2002 3120N 02713E OB 3								<b>AFRICA - EGYPT</b> <b>HELWAN</b> <b>62378</b> OCT 2002 2952N 03120E OB 3								<b>AFRICA - EGYPT</b> <b>ASSWAN</b> <b>62414</b> OCT 2002 2358N 03247E OB 3											
030									030									030	23841	3	-56.0			3	95	95	11
050	20663	0	-60.8	.5	0	14	226	1	050	20689	1	-61.3	1.6	1	29	203	1	050	20632	0	-64.2			0	60	150	2
100	16424	0	-66.5	13.2	0	96	271	14	100	16456	0	-67.8	13.3	0	96	261	12	100	16524	0	-72.7			0	97	260	23
150	13962	0	-63.7	16.7	0	94	277	17	150	14000	0	-63.5	15.0	0	94	265	16	150	14088	0	-63.1			0	99	270	34
200	12177	0	-57.8	15.3	0	85	280	16	200	12209	0	-57.1	17.9	0	91	270	14	200	12290	0	-53.7	20.9		0	99	265	43
300	9521	0	-39.4	18.5	0	72	275	11	300	9544	0	-38.2	19.3	0	78	270	9	300	9567	0	-35.5	27.8		0	98	265	30
500	5811	0	-11.2	23.6	0	69	283	7	500	5825	0	-10.5	26.0	0	70	250	6	500	5824	0	-8.8	43.9		0	91	260	11
700	3141	0	5.9	25.1	0	49	298	4	700	3148	0	7.4	25.6	0	56	239	4	700	3140	0	8.3	32.2		0	45	255	3
850	1528	0	14.0	16.2	0	66	331	4	850	1522	0	16.5	14.7	0	49	14	3	850	1510	0	17.6	10.9		0	43	335	2
1013	* 29		23.3	1.7					998	* 141		25.4	12.5					989	* 194		26.7	21.7					

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>AFRICA - ETHIOPIA</b> <b>ADDIS ABABA-BOLE</b> <b>63450</b> OCT 2002 0902N 03845E OB 2									<b>AFRICA - MADAGASCAR</b> <b>ANTANANARIVO/IVATO</b> <b>67083</b> OCT 2002 1848S 04729E OB 1									<b>AFRICA - MADAGASCAR</b> <b>FORT-DAUPHIN</b> <b>67197</b> OCT 2002 2502S 04657E OB 3									
030									030										030	23738	0	-58.4	31.0	1	95	88	9
050	20582	12	-67.3						050	20562	1	-68.4		9	75	93	5		050	20582	0	-66.1	28.7	1	68	97	4
100	16562	12	-79.9		3	67	80	2	100	16523	0	-75.4		3	79	266	8		100	16488	0	-72.3	25.6	1	83	262	10
150	14202	12	-67.5		2	42	300	2	150	14117	0	-64.8		2	83	274	14		150	14056	0	-63.2	25.2	1	86	264	14
200	12411	11	-53.9		1	12	310	1	200	12323	0	-54.7		2	81	275	15		200	12256	0	-55.6	20.5	0	85	253	15
300	9680	11	-31.7		1	50	80	2	300	9621	0	-35.4	16.9	1	79	282	12		300	9578	0	-37.9	18.4	0	70	255	10
500	5858	11	-5.7		3	99	100	3	500	5858	0	-8.2	18.7	1	50	283	4		500	5849	0	-9.6	32.3	0	39	239	4
700	3147		12.4	5.9	3	75	140	2	700	3166	0	7.9	14.5	1	27	202	2		700	3170	0	6.9	25.6	0	38	245	2
771	*2354		24.8	8.6					850	1536	0	20.0	10.7	1	0	110	4		850	1548	0	15.3	10.8	0	54	18	4
									877	*1276		24.6	12.4						1017	* 9		24.5	6.1				
<b>AFRICA - SOUTH AFRICA</b> <b>IRENE</b> <b>68263</b> OCT 2002 2555S 02813E OB 3									<b>AFRICA - SOUTH AFRICA</b> <b>BLOEMFONTEIN AIRPORT</b> <b>68442</b> OCT 2002 2911S 02630E OB 3									<b>AFRICA - SOUTH AFRICA</b> <b>BETHLEHEM</b> <b>68461</b> OCT 2002 2825S 02833E OB									
030	23736	11	-58.8		9	96	98	21	030	23789	13	-57.1		9	89	81	16	030	23272	8	-57.6		9	89	104	16	
050	20576	6	-65.6		9	17	94	2	050	20610	10	-64.0		9	76	70	14	050	19998	2	-91.2		4	41	292	6	
100	16496	4	-73.7		9	90	268	28	100	16491	9	-72.0		9	90	280	31	100	16127	1	-85.8		2	89	271	34	
150	14076	3	-64.6		9	92	272	40	150	14055	9	-62.8		9	90	276	46	150	13823	1	-71.4		2	92	268	46	
200	12288	3	-56.4	14.4	9	89	269	42	200	12259	9	-56.8	13.8	9	93	278	50	200	12120	1	-59.7		2	90	267	48	
300	9608	3	-36.9	16.0	9	83	269	29	300	9594	9	-38.2	13.4	9	91	281	34	300	9533	1	-37.2	13.1	5	84	280	33	
500	5866	3	-9.6	18.7	9	66	274	14	500	5867	9	-10.5	15.6	9	92	281	21	500	5834	0	-10.2	16.5	3	89	271	24	
700	3177	3	9.3	15.6	9	32	287	4	700	3183	9	9.3	14.9	9	82	294	14	700	3165	0	8.4	14.7	3	86	278	15	
850	1552	11	15.4	9.1	9	53	90	4	850	1534	9	24.1	21.2	9	66	316	7	846	*1687		10.4	2.8					
852	*1523		15.7	7.4					868	*1359		27.9	25.0														
<b>AFRICA - SOUTH AFRICA</b> <b>DE AAR</b> <b>68538</b> OCT 2002 3065S 02400E OB 3									<b>AFRICA - SOUTH AFRICA</b> <b>DURBAN INTNL. AIRPORT</b> <b>68588</b> OCT 2002 2997S 03095E OB 3									<b>AFRICA - SOUTH AFRICA</b> <b>CAPE TOWN INTNL. AIRPORT</b> <b>68816</b> OCT 2002 3397S 01860E OB 3									
030	23803	0	-56.2		9	0		0	030	22969	6	-55.1		9	87	90	13	030	23776	4	-56.0		5	36	64	4	
050	20605	0	-62.5		9	24	256	1	050	19988	3	-60.8		7	23	333	3	050	20570	3	-60.8		4	78	298	14	
100	16443	0	-69.7		9	95	267	32	100	16023	1	-67.9		6	84	274	29	100	16342	1	-66.4		2	95	288	49	
150	13989	0	-62.5		9	93	277	50	150	13665	1	-61.4		3	92	268	51	150	13860	1	-61.1		2	94	283	68	
200	12193	0	-57.2	13.4	9	93	273	47	200	11945	0	-55.7	11.8	2	90	271	35	200	12058	1	-57.1	17.0	2	91	288	70	
300	9537	0	-39.5	13.6	9	90	277	35	300	9371	0	-37.0	13.1	3	90	276	42	300	9413	1	-41.3	15.4	2	92	287	62	
500	5831	0	-11.8	17.4	8	91	273	26	500	5771	0	-10.0	17.8	2	86	265	26	500	5737	1	-13.3	25.0	2	90	285	46	
700	3160	0	7.0	18.1	2	83	291	17	700	3171	0	8.0	16.6	3	72	272	16	700	3092	1	2.9	28.4	2	85	283	28	
850	1528	0	21.2	22.9	4	75	310	11	850	1545	0	15.4	11.7	2	52	320	8	850	1501	1	9.4	22.2	2	66	289	13	
874	*1287		25.8	27.3					1017	* 14		18.8	3.8						1012	* 46		13.2	3.6				

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 OCT 2002 3398S 02562E OB 3									AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 OCT 2002 4021S 00953W OB 3									AFRICA - SOUTH AFRICA MARION ISLAND 68994 OCT 2002 4653S 03752E OB 3								
030	23787	7	-57.2		9	36	97	5	030	23877	13	-53.3		9	66	284	11	030	23760	7	-52.0		7	86	297	23
050	20575	2	-61.2		9	63	309	11	050	20877	6	-55.6		6	84	275	19	050	20489	3	-54.5		3	93	282	27
100	16364	2	-67.5		9	93	283	41	100	16358	1	-59.1		1	95	266	49	100	16068	1	-55.9		1	94	280	48
150	13884	0	-61.8		9	93	278	57	150	13838	1	-57.1		1	91	266	63	150	13476	1	-53.8		1	93	278	62
200	12088	0	-57.4	14.7	9	89	274	61	200	11933	0	-56.1	9.6	1	88	260	76	200	11628	1	-54.2	21.4	1	90	273	73
300	9439	0	-40.5	16.7	9	89	276	50	300	9242	0	-45.2	11.9	1	86	258	77	300	8996	0	-46.8	12.9	1	80	278	69
500	5755	0	-13.2	20.5	9	91	283	43	500	5683	0	-21.4	12.4	1	84	262	53	500	5438	0	-22.4	11.9	0	83	279	49
700	3106	0	4.4	19.9	9	87	287	25	700	3076	0	-6.3	14.1	1	86	267	39	700	2889	0	-7.4	9.9	0	81	276	34
850	1502	0	12.0	14.1	9	22	300	3	850	1485	0	1.6	10.2	2	83	268	32	850	1353	0	.6	8.2	1	73	281	27
1008	* 69		14.0	3.0					1004	* 54		9.6	4.8					1001	* 21		5.4	3.2				
N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 OCT 2002 7118N 15647W OB 3									N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 OCT 2002 6652N 16238W OB 3									N AMERICA - USA (ALASKA) NOME 70200 OCT 2002 6430N 16526W OB 3								
030	23512	3	-61.7	19.0	3	98	292	16	030	23658	2	-58.6	22.3	2	95	289	13	030	23717	2	-57.2	23.2	2	94	288	12
050	20323	0	-58.4	19.6	0	95	284	11	050	20423	0	-56.1	23.3	0	95	270	10	050	20471	1	-55.0	23.0	1	93	271	9
100	15911	0	-52.9	21.1	0	83	264	9	100	15973	1	-52.0	24.3	1	79	241	9	100	16008	1	-51.4	23.5	1	74	237	8
150	13287	0	-51.0	19.9	0	68	254	8	150	13338	1	-50.3	23.3	1	74	232	10	150	13367	1	-50.2	22.0	1	69	227	10
200	11416	0	-51.4	17.8	0	64	245	10	200	11462	1	-50.9	19.1	1	64	224	12	200	11485	1	-49.5	18.2	1	64	216	11
300	8791	0	-51.0	10.2	0	53	255	11	300	8838	1	-50.4	9.2	1	54	213	13	300	8851	1	-50.3	7.6	2	51	195	10
500	5320	0	-29.6	8.1	0	51	262	8	500	5349	1	-28.0	8.5	1	45	210	7	500	5354	1	-27.2	9.1	1	37	183	5
700	2847	0	-15.3	8.5	0	39	260	4	700	2856	1	-13.1	7.2	1	26	192	3	700	2852	1	-12.0	8.6	1	39	154	4
850	1362	0	-8.8	5.5	0	17	241	2	850	1355	1	-5.7	4.9	2	29	151	3	850	1346	1	-5.2	5.1	1	39	114	3
1010	* 4		-4.3	2.0					1008	* 5		.6	3.3					1006	* 7		.7	3.0				
N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 OCT 2002 6110N 15001W OB 3									N AMERICA - USA (ALASKA) COLD BAY 70316 OCT 2002 5512N 16243W OB 3									N AMERICA - USA (ALASKA) YAKUTAT 70361 OCT 2002 5931N 13940W OB 3								
030	23713	1	-58.3	22.2	4	92	296	11	030	23775	5	-56.4	20.9	5	57	323	4	030	23699	4	-59.8	17.7	4	92	305	11
050	20494	0	-57.0	21.9	5	92	278	9	050	20526	5	-55.2	21.1	5	67	237	3	050	20502	3	-58.7	17.8	5	93	288	9
100	16073	0	-54.1	21.8	7	78	247	10	100	16067	4	-51.8	21.4	5	79	220	7	100	16116	3	-55.9	15.9	5	81	264	10
150	13467	0	-53.1	19.5	7	81	239	13	150	13427	4	-50.6	20.3	4	73	214	10	150	13544	2	-56.7	12.4	6	75	255	14
200	11611	0	-53.5	13.5	7	78	233	18	200	11542	3	-49.2	16.5	4	71	216	12	200	11721	2	-57.0	9.6	7	76	257	20
300	8993	0	-48.2	7.2	4	71	223	20	300	8887	3	-47.3	8.1	4	55	207	12	300	9115	1	-46.5	6.3	3	72	244	24
500	5447	0	-23.5	6.6	2	67	210	12	500	5347	3	-24.2	10.7	3	55	207	9	500	5534	1	-21.1	7.9	1	76	237	16
700	2913	0	-9.0	7.6	1	73	179	9	700	2815	3	-8.8	6.0	3	55	190	7	700	2977	0	-7.1	6.0	0	72	225	8
850	1387	0	-.8	4.0	1	67	145	7	850	1286	3	-.9	2.8	4	50	179	6	850	1441	0	.4	3.6	0	72	174	7
1003	* 40		4.2	2.6					993	* 31		6.0	1.5					1013	* 9		6.0	.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
<b>N AMERICA - USA (ALASKA)</b> <b>SHEMYA AFB</b> 70414 OCT 2002 5243N 17406E OB 3									<b>N AMERICA - USA</b> <b>KEY WEST/INT., FL.</b> 72201 OCT 2002 2433N 08145W OB									<b>N AMERICA - USA</b> <b>SHREVEPORT/REG., LA.</b> 72248 OCT 2002 3228N 09347W OB 2								
030									030	23845	5	-55.5	11.2	5	97	81	10	030	23782	2	-56.4	21.5	2	14	242	1
050									050	20656	5	-63.6	9.3	5	90	93	6	050	20593	1	-62.9	14.7	1	69	247	6
100									100	16574	5	-77.1	7.3	5	34	305	3	100	16447	1	-72.7	10.2	5	96	256	16
150	13440	9	-50.0						150	14197	4	-66.8	8.8	4	43	292	6	150	14037	1	-65.8	10.6	4	96	254	29
200	11563	9	-49.7						200	12403	4	-53.9	10.9	4	38	297	6	200	12248	2	-55.2	11.5	2	94	251	32
300	8927	8	-48.0						300	9676	3	-32.7	15.8	3	37	272	3	300	9550	1	-36.0	11.1	1	91	247	25
500	5392	8	-24.5	9.6	9		287	7	500	5880	3	-6.7	16.9	3	15	170	1	500	5805	1	-9.7	18.6	2	85	257	12
700	2868	7	-10.4	10.9	9		307	3	700	3172	3	9.1	13.3	3	41	116	2	700	3130	0	5.7	11.2	3	75	261	7
850	1356	8	-4.4	2.8	9	11	32	1	850	1539	3	16.9	5.8	3	69	113	4	850	1517	0	13.5	6.2	1	48	233	3
1003	* 31		5.0	3.0					1014	* 6		26.5	2.2					1006	* 79		16.4	2.2				
<b>N AMERICA - USA</b> <b>NEWPORT, NC</b> 72305 OCT 2002 3447N 07653W OB 2									<b>N AMERICA - USA</b> <b>NASHVILLE/OLD HICKORY, TN.</b> 72327 OCT 2002 3615N 08634W OB 3									<b>N AMERICA - USA</b> <b>STERLING, VA.</b> 72403 OCT 2002 3859N 07728W OB 3								
030	23797	5	-56.2	19.5					030	23834	0	-55.2	11.2	5		280	2	030	23795	3	-55.9	21.5	4	55	276	5
050	20604	2	-63.4	14.7					050	20620	0	-60.9	9.3	8		254	5	050	20583	0	-61.8	17.4	1	88	269	8
100	16453	2	-72.6	9.6					100	16412	0	-68.9	7.7					100	16363	1	-67.8	13.0	2	94	263	25
150	14043	0	-66.5	8.9	7	87	273	24	150	13970	0	-64.4	8.4	9		256	30	150	13907	0	-63.5	12.0	2	93	262	34
200	12261	0	-55.8	9.7	6	88	269	28	200	12179	0	-55.7	9.2	7		257	34	200	12114	0	-56.1	10.9	0	93	264	44
300	9566	0	-36.1	11.2	4	92	261	24	300	9496	0	-38.0	10.4	2	95	255	29	300	9442	0	-39.2	10.9	0	94	260	35
500	5820	0	-9.6	16.4	2	90	258	14	500	5776	0	-11.3	15.9	0	94	255	19	500	5743	0	-12.8	15.8	0	94	263	21
700	3141	0	5.3	12.5	2	82	260	8	700	3118	0	3.1	10.4	1	82	251	11	700	3102	0	1.6	10.7	0	91	263	12
850	1532	0	12.5	4.6	2	54	275	4	850	1521	0	10.7	4.9	0	70	250	6	850	1517	0	7.4	6.9	0	72	287	6
1017	* 11		16.7	1.1					997	* 180		13.2	1.6					1010	* 98		9.2	1.2				
<b>N AMERICA - USA</b> <b>NORTH PLATTE/LEE BIRD, NE.</b> 72562 OCT 2002 4108N 10041W OB 3									<b>N AMERICA - USA</b> <b>MEDFORD/MEDFORD- JACKSON COU</b> 72597 OCT 2002 4222N 12252W OB 3									<b>N AMERICA - USA</b> <b>CHANHASSEN, MN</b> 72649 OCT 2002 4451N 09334W OB 2								
030	23763	1	-56.2	22.7	2	96	264	10	030	23779	1	-58.0	11.0	1	93	287	7	030	23721	2	-56.5	21.9	3	96	262	14
050	20546	0	-60.4	20.0	0	94	269	10	050	20589	1	-61.3	10.2	1	93	306	6	050	20497	1	-59.3	20.4	2	94	266	13
100	16252	0	-61.7	16.9	1	94	266	20	100	16301	1	-62.3	9.8	5	90	297	11	100	16166	1	-59.6	18.7	3	96	268	23
150	13734	0	-59.1	14.6	5	92	265	28	150	13785	1	-60.2	9.9	5	83	297	15	150	13614	1	-56.3	17.3	3	95	262	36
200	11920	0	-56.1	11.4	0	90	257	31	200	11987	1	-58.9	9.8	4	75	315	16	200	11781	1	-55.2	12.6	3	93	262	42
300	9292	0	-44.3	10.8	0	87	263	26	300	9367	1	-43.0	12.5	1	67	330	14	300	9160	1	-46.0	9.6	2	91	264	36
500	5668	0	-17.4	11.8	0	88	268	15	500	5719	0	-15.8	17.8	0	68	336	10	500	5576	1	-20.8	11.2	2	91	269	22
700	3065	0	-8	8.6	0	74	279	9	700	3094	0	1.6	19.6	0	64	345	5	700	3011	1	-6.2	9.0	1	87	282	14
850	1492	0	4.8	6.0	1	31	254	3	850	1507	0	9.0	11.8	0	35	70	1	850	1472	0	-3	5.2	0	65	285	6
920	* 849		2.1	2.0					972	* 405		5.2	2.7					984	* 287		3.1	2.1				



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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
<b>N AMERICA - USA</b> INT. FALLS/FALLS INT. MN. 72747 OCT 2002 4834N 09323W OB 3								<b>N AMERICA - USA</b> BISMARCK/MUN., ND. 72764 OCT 2002 4646N 10045W OB 3								<b>N AMERICA - USA</b> GREAT FALLS, MT 72649 OCT 2002 4451N 09334W OB 2											
030	23670	4	-56.8	20.7	4	94	264	14	030	23661	2	-57.9	15.4	7		271	14	030	23674	0	-59.6	11.2	1	96	284	10	
050	20447	4	-58.7	20.0	4	95	272	14	050	20456	1	-59.8	15.1	6	94	278	13	050	20486	0	-60.5	10.9	1	92	299	10	
100	16068	3	-55.9	20.0	4	95	270	19	100	16109	1	-58.2	14.8	6	94	272	19	100	16154	0	-58.8	10.5	2	91	293	14	
150	13476	3	-53.7	19.5	5	95	269	24	150	13540	1	-55.1	14.6	7	90	265	24	150	13602	0	-57.4	10.1	2	92	299	18	
200	11617	3	-52.3	15.9	3	90	266	29	200	11699	1	-54.2	13.0	7	89	262	27	200	11782	0	-57.2	9.6	1	87	308	20	
300	8991	3	-48.3	9.2	3	83	268	27	300	9086	1	-48.6	9.5	6	88	270	26	300	9175	0	-47.1	9.5	1	74	316	19	
500	5467	3	-25.6	10.6	4	91	275	19	500	5539	1	-23.2	10.1	4	90	277	18	500	5601	0	-20.9	11.2	0	83	313	15	
700	2953	3	-11.2	9.9	3	83	284	11	700	2996	1	-7.9	9.3	5	84	298	11	700	3038	0	-6.5	9.3	0	84	300	7	
850	1444	3	-4.9	4.3	5	53	275	5	850	1468	1	-2.1	4.6	4	63	303	6	850	1494	0	2.2	7.5	3	59	264	5	
974	* 361		- .5	1.9					959	* 506		.1	2.9						889	*1131		-.8	4.2				
<b>N AMERICA - USA</b> SPOKANE, WA 72747 OCT 2002 4834N 09323W OB 3								<b>N AMERICA - CANADA</b> NORMAN WELLS UA, N.W.T. 71043 OCT 2002 6517N 12645W OB 3								<b>N AMERICA - CANADA</b> HALL BEACH UA, N.W.T. 71081 OCT 2002 6846N 08113W OB 3											
030	23687	1	-59.4	11.5	1	94	293	8	030	23549	7	-62.7	23.8	6	92	314	14	030	23335	0	-64.3	26.4	2	53	254	6	
050	20504	1	-60.7	10.9	2	92	306	8	050	20380	7	-59.7	24.4	6	94	307	12	050	20193	0	-61.2	27.4	1	42	239	4	
100	16182	0	-60.0	10.2	2	94	307	13	100	16002	7	-55.5	22.6	6	92	300	12	100	15829	0	-55.6	27.3	3	19	223	2	
150	13643	0	-58.3	9.6	2	90	311	17	150	13409	7	-54.3	18.2	7	89	295	14	150	13227	0	-52.7	24.9	2	23	193	3	
200	11837	0	-58.5	8.7	2	86	320	18	200	11553	7	-54.8	11.3	7	80	295	15	200	11368	0	-52.6	19.2	0	25	168	4	
300	9232	0	-46.2	9.8	0	70	327	16	300	8969	7	-50.6	7.3	6	66	291	16	300	8760	0	-52.5	9.0	0	34	176	7	
500	5641	0	-19.5	14.7	0	72	320	11	500	5460	7	-25.5	9.6	6	63	286	10	500	5308	0	-30.9	10.8	0	30	178	5	
700	3057	0	-3.5	16.3	2	63	314	6	700	2936	7	-9.2	10.2	6	67	289	7	700	2846	0	-16.4	11.1	1	27	174	3	
850	1501	0	4.1	10.7	4	43	355	3	850	1411	6	-1.5	8.8	5	44	288	4	850	1369	0	-10.1	5.6	1	24	159	2	
934	* 728		1.2	4.5					1006	* 95		-3.3	2.5						1013	* 6		-5.0	2.2				
<b>N AMERICA - CANADA</b> ALERT UA, N.W.T. 71082 OCT 2002 8230N 06220W OB 3								<b>N AMERICA - CANADA</b> PORT HARDY UA, B.C. 71109 OCT 2002 5041N 12722W OB 3								<b>N AMERICA - CANADA</b> EDMONTON STONY PLAIN, ALTA 71119 OCT 2002 5332N 11406W OB 3											
030	23257	0	-67.7	23.4	4	26	251	2	030	23745	4	-60.1	26.8	6	93	306	8	030	23645	0	-59.5	25.2	0	92	302	12	
050	20155	0	-63.7	24.6	2	31	240	3	050	20556	2	-59.9	26.5	3	92	311	9	050	20454	0	-59.4	25.3	0	91	314	11	
100	15826	0	-57.0	25.4	2	36	226	4	100	16226	1	-59.6	22.3	2	89	302	13	100	16088	0	-56.9	24.5	0	89	312	14	
150	13240	0	-53.9	22.6	2	39	222	6	150	13699	0	-60.3	13.9	0	86	304	18	150	13513	0	-55.6	20.7	0	87	315	19	
200	11389	0	-53.6	17.6	2	46	206	8	200	11911	0	-60.9	8.1	0	79	312	21	200	11681	0	-56.7	13.5	0	83	322	24	
300	8784	0	-52.0	7.4	1	48	211	12	300	9307	0	-44.7	8.4	0	71	312	18	300	9082	0	-48.3	9.0	1	79	324	27	
500	5326	0	-30.3	8.0	1	53	221	9	500	5685	0	-17.2	17.2	0	68	304	12	500	5532	0	-23.3	11.2	0	81	320	18	
700	2859	0	-16.3	9.6	1	53	231	6	700	3081	0	-1.8	21.6	0	64	307	7	700	2995	0	-8.7	11.1	0	86	314	12	
850	1381	0	-10.4	6.4	1	39	226	3	850	1514	0	5.7	11.0	0	45	284	4	850	1467	0	-.6	8.6	0	69	305	6	
1013	* 65		-13.1	3.5					1019	* 17		7.1	.7						928	* 766		-.6	2.6				

# 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
<b>N AMERICA - CANADA</b> <b>SABLE ISLAND, N.S.</b> 71600 OCT 2002 4356N 06001W OB 3									<b>N AMERICA - CANADA</b> <b>YARMOUTH, N.S.</b> 71603 OCT 2002 4352N 06606W OB 3									<b>N AMERICA - CANADA</b> <b>MANIWAKI, QUE.</b> 71722 OCT 2002 4623N 07558W OB 3								
030	23781	1	-54.4	28.3	1	58	273	6	030	23809	0	-54.0	30.3	1	73	272	7	030	23762	5	-54.4	29.8	7	92	263	13
050	20544	1	-58.9	27.3	1	88	276	10	050	20569	0	-58.5	28.4	2	91	270	11	050	20517	5	-57.5	28.5	7	92	271	15
100	16239	0	-62.1	24.5	2	92	273	23	100	16255	0	-62.0	23.8	0	94	269	24	100	16161	3	-58.7	26.0	6	95	269	24
150	13716	0	-59.5	22.5	3	94	275	36	150	13737	0	-59.2	21.9	0	94	271	38	150	13608	4	-56.0	23.6	5	94	268	34
200	11914	0	-55.6	16.9	3	92	272	42	200	11918	0	-55.1	17.5	0	91	270	43	200	11750	3	-53.4	18.2	4	94	268	40
300	9257	0	-42.8	14.1	2	91	270	38	300	9263	1	-42.8	13.0	1	92	269	39	300	9119	0	-45.4	12.5	1	92	266	38
500	5624	0	-17.6	21.4	0	93	272	23	500	5630	0	-17.2	17.1	0	91	270	24	500	5543	0	-21.6	14.7	0	90	266	22
700	3029	0	-2.9	18.8	0	82	275	13	700	3034	0	-2.8	16.9	0	84	271	14	700	2990	0	-8.2	10.9	0	82	264	12
850	1471	0	2.7	11.0	0	61	277	7	850	1480	0	2.4	11.6	0	58	288	7	850	1461	0	-1.9	3.9	1	61	262	6
1017	* 4		10.8	4.5					1014	* 9		7.2	2.7					996	* 173		2.1	.4				
<b>N AMERICA - CANADA</b> <b>ST. JOHN'S UA,NLFD</b> 71801 OCT 2002 4737N 05245W OB 3									<b>N AMERICA - CANADA</b> <b>SEPT-ILES UA,QUE.</b> 71811 OCT 2002 5013N 06615W OB 3									<b>N AMERICA - CANADA</b> <b>STEPHENVILLE UA,NFLD</b> 71815 OCT 2002 4834N 05834W OB 3								
030	23738	0	-54.4	29.4	2	65	272	7	030	23714	1	-55.5	28.6	2	95	261	14	030	23750	0	-54.3	30.0	1	83	267	10
050	20491	0	-58.0	28.2	2	83	271	9	050	20474	1	-57.1	28.0	1	91	265	11	050	20502	0	-56.9	29.3	0	91	273	10
100	16132	0	-58.3	26.4	2	92	274	18	100	16082	2	-56.6	25.6	2	91	268	20	100	16128	0	-57.4	28.2	1	94	273	18
150	13562	0	-56.1	24.4	2	91	277	26	150	13502	1	-53.9	23.8	1	92	267	25	150	13556	0	-55.1	25.7	0	91	274	28
200	11729	0	-53.3	19.2	3	88	274	32	200	11647	1	-52.4	19.8	1	88	265	28	200	11710	0	-52.9	19.6	1	89	272	32
300	9093	1	-45.7	12.4	3	85	275	29	300	9014	1	-47.5	11.1	1	78	264	23	300	9079	0	-46.5	11.6	1	81	272	28
500	5514	0	-21.9	14.2	1	83	277	20	500	5469	0	-24.6	9.2	0	72	264	13	500	5502	0	-22.1	15.1	0	81	276	19
700	2957	0	-6.5	13.4	1	77	275	13	700	2942	0	-9.9	9.7	1	67	273	9	700	2950	0	-7.6	14.5	0	75	278	12
850	1422	0	-4	9.1	1	64	281	9	850	1428	0	-4.2	4.3	0	36	285	4	850	1424	0	-2.2	7.6	0	56	277	8
996	* 140		6.1	2.6					1010	* 53		1.8	2.7					1012	* 60		5.6	4.0				
<b>N AMERICA - CANADA</b> <b>GOOSE UA,NFLD.</b> 71816 OCT 2002 5318N 06022W OB 3									<b>N AMERICA - CANADA</b> <b>LA GRANDE IV,QUE.</b> 71823 OCT 2002 5345N 07340W OB 3									<b>N AMERICA - CANADA</b> <b>MOOSONEE,ONT.</b> 71836 OCT 2002 5116N 08039W OB 3								
030	23680	0	-55.8	25.2	0	92	261	13	030	23617	2	-57.1	27.0	4	94	256	15	030	23649	1	-56.4	26.7	3	94	258	16
050	20437	0	-56.4	25.1	0	90	265	10	050	20389	2	-57.2	26.8	4	87	257	12	050	20419	1	-57.3	26.1	2	93	260	14
100	16032	0	-54.8	24.5	0	91	275	14	100	15981	2	-54.5	26.7	6	86	257	14	100	16020	0	-54.8	26.4	2	91	266	18
150	13412	0	-52.8	23.3	1	85	276	17	150	13373	0	-52.4	25.2	4	83	259	16	150	13413	0	-52.3	24.7	0	91	262	22
200	11567	0	-52.3	16.5	1	81	278	19	200	11511	0	-51.9	19.5	4	83	257	19	200	11546	0	-51.2	19.8	0	89	260	24
300	8946	0	-48.9	9.1	0	51	282	13	300	8893	0	-51.0	8.5	4	60	246	14	300	8920	1	-50.6	8.0	2	75	261	22
500	5424	0	-25.5	8.4	2	44	292	8	500	5407	0	-27.6	9.7	4	53	255	8	500	5422	0	-27.3	8.5	0	76	256	14
700	2907	0	-11.5	7.2	0	38	325	6	700	2912	0	-13.4	7.4	3	55	260	6	700	2924	0	-12.8	9.5	0	75	266	8
850	1399	0	-4.8	4.2	1	30	325	4	850	1415	0	-6.9	2.0	4	42	261	4	850	1425	0	-6.7	3.8	1	61	270	6
1007	* 36		2.6	4.0					978	* 307		-9	1.4					1017	* 10		-4	1.4				

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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
<b>N AMERICA - CANADA</b> <b>PICKLE LAKE, ONT.</b> 71845 OCT 2002 5127N 09012W OB 2									<b>N AMERICA - CANADA</b> <b>THE PASS UA, MAN</b> 71867 OCT 2002 5358N 10106W OB 3									<b>N AMERICA - CANADA</b> <b>KUUJJUAQ, UA, QUE.</b> 71906 OCT 2002 5807N 06825W OB 3								
030	23619	0	-57.1	30.7	2	92	265	15	030	23594	0	-58.7	29.0	1	90	281	13	030	23558	0	-58.9	25.4	9	91	252	13
050	20393	0	-57.5	30.2	1	94	272	13	050	20387	0	-58.3	29.0	1	91	293	12	050	20346	0	-57.9	25.5	9	83	244	10
100	15992	1	-54.6	30.7	1	92	270	17	100	15989	0	-54.5	29.7	0	85	298	14	100	15935	0	-54.2	25.3	9	78	244	10
150	13384	1	-52.2	28.1	1	93	270	20	150	13378	0	-51.9	27.7	0	82	300	15	150	13330	0	-52.8	22.4	9	65	245	10
200	11517	1	-51.5	21.8	1	91	269	21	200	11512	0	-51.6	20.8	0	75	304	17	200	11476	0	-54.0	14.6	9	53	240	10
300	8884	0	-49.7	10.5	0	80	271	21	300	8888	0	-50.4	9.7	1	69	308	19	300	8885	0	-51.6	6.0	9	39	228	9
500	5400	0	-28.6	9.0	0	82	276	14	500	5406	0	-28.7	9.0	0	74	306	13	500	5393	0	-27.9	6.0	9	33	232	6
700	2914	0	-14.6	8.5	0	83	276	9	700	2922	0	-14.2	10.1	0	79	310	9	700	2904	0	-14.0	6.9	27	186	4	
850	1423	0	-7.6	4.3	0	69	279	7	850	1431	0	-7.9	5.5	0	67	311	6	850	1408	0	-6.5	3.0	17	192	2	
971	* 389		-3.1	1.8					985	* 274		-3.7	2.7					1010	* 60		.1	2.0				
<b>N AMERICA - CANADA</b> <b>INUKJUAQ, QUE</b> 71907 OCT 2002 5827N 07807W OB 3									<b>N AMERICA - CANADA</b> <b>IQALUIT, N.W.T.</b> 71909 OCT 2002 6345N 06833W OB 3									<b>N AMERICA - CANADA</b> <b>CHURCHILL UA, MAN.</b> 71913 OCT 2002 5844N 09405W OB 3								
030	23497	3	-59.4	25.0	3	89	253	12	030	23462	1	-61.7	22.2	2	93	244	13	030	23468	6	-60.8	22.5	5	81	284	12
050	20295	3	-58.4	25.5	3	78	250	9	050	20286	1	-59.3	22.8	2	81	238	9	050	20282	4	-59.0	23.6	4	76	294	10
100	15893	3	-53.9	26.4	2	61	252	7	100	15892	1	-54.4	23.1	1	64	221	6	100	15889	3	-53.9	24.4	3	68	306	8
150	13274	3	-51.7	25.2	3	53	243	8	150	13286	1	-52.7	19.7	1	46	209	5	150	13272	2	-51.5	23.2	2	60	312	8
200	11405	2	-51.2	17.8	2	54	236	9	200	11426	0	-54.3	12.8	1	46	213	6	200	11400	1	-50.1	19.3	1	55	308	9
300	8795	2	-52.0	7.9	1	46	214	11	300	8838	0	-51.8	7.1	2	35	229	6	300	8770	1	-51.4	9.1	1	39	316	8
500	5337	2	-30.9	6.8	1	47	218	7	500	5368	0	-29.4	5.8	2	40	210	5	500	5319	1	-31.1	9.4	1	46	331	7
700	2874	2	-15.9	6.2	1	49	228	5	700	2892	0	-15.2	5.6	1	33	200	3	700	2861	1	-17.0	6.8	3	54	325	6
850	1387	2	-7.8	2.9	1	41	233	4	850	1402	0	-8.0	2.7	2	33	189	3	850	1385	1	-9.8	4.7	4	54	316	5
1010	* 6		-.3	2.1					1011	* 34		-1.7	2.5					1011	* 29		-4.7	2.4				
<b>N AMERICA - CANADA</b> <b>CORAL HARBOUR UA, N.W.T.</b> 71915 OCT 2002 6412N 08322W OB 3									<b>N AMERICA - CANADA</b> <b>EUREKA UA, N.W.T.</b> 71917 OCT 2002 7959N 08556W OB 3									<b>N AMERICA - CANADA</b> <b>RESOLUTE UA, N.W.T.</b> 71924 OCT 2002 7442N 09458W OB 3								
030	23398	0	-62.7	26.5	7	78	249	10	030	23286	1	-66.9	24.9	4	21	285	2	030	23313	3	-66.3	23.5	6	51	311	5
050	20232	0	-60.3	27.1	6	62	250	8	050	20170	1	-62.8	26.0	3	13	241	1	050	20192	3	-62.4	24.3	6	36	320	3
100	15850	0	-54.7	28.2	6	35	241	4	100	15829	0	-55.8	27.5	1	19	216	2	100	15839	3	-55.8	25.3	5	10	302	1
150	13238	0	-51.8	27.0	6	31	224	4	150	13229	0	-52.6	25.2	1	26	200	4	150	13239	3	-52.7	23.2	6	8	270	1
200	11369	0	-51.5	20.4	6	25	214	4	200	11367	0	-52.6	20.4	1	38	190	6	200	11376	3	-52.0	18.9	6	16	229	2
300	8758	0	-52.7	8.4	8	39	200	8	300	8747	0	-51.0	9.1	1	41	189	9	300	8747	3	-49.9	9.9	6	29	220	5
500	5312	0	-31.3	6.9	6	28	209	4	500	5295	0	-31.7	7.8	1	43	193	7	500	5291	3	-31.7	8.5	5	25	202	4
700	2852	0	-16.4	5.9	9	41	207	5	700	2846	0	-18.2	6.5	1	46	196	5	700	2839	3	-17.7	10.1	5	31	183	4
850	1371	0	-9.2	4.7		36	182	4	850	1376	0	-11.6	5.7	1	41	174	3	850	1365	3	-11.2	9.1	5	36	168	3
1005	* 57		-3.9	2.1					1015	* 10		-13.0	3.5					1005	* 40		-9.8	1.5				

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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
<b>N AMERICA - CANADA</b> <b>CAMBRIDGE BAY UA, N.W.T.</b> 71925 OCT 2002 6908N 10504W OB 3								<b>N AMERICA - CANADA</b> <b>BAKER LAKE UA, N.W.T.</b> 71926 OCT 2002 6419N 09600W OB 3								<b>N AMERICA - CANADA</b> <b>FORT SMITH UA, N.W.T.</b> 71934 OCT 2002 6002N 11156W OB 3										
030	23365	1	-64.7	24.4	1	87	321	10	030	23405	0	-62.8	25.9	2	68	297	8	030	23535	0	-61.9	26.0	0	92	308	14
050	20225	1	-61.3	25.4	0	86	321	9	050	20242	0	-60.4	26.5	2	65	305	7	050	20360	0	-59.7	26.5	0	87	312	12
100	15857	0	-54.8	26.3	0	80	324	8	100	15860	0	-54.1	27.2	2	54	321	6	100	15982	0	-55.2	26.0	0	88	319	14
150	13249	0	-52.3	23.6	1	67	320	7	150	13248	0	-51.7	25.0	3	45	327	6	150	13383	0	-53.7	22.9	0	86	324	16
200	11388	0	-52.5	18.9	0	57	322	8	200	11381	0	-51.8	17.5	2	39	342	6	200	11531	0	-53.1	17.0	0	82	328	20
300	8784	0	-52.7	7.0	1	40	306	9	300	8771	0	-53.2	6.3	2	28	360	6	300	8919	0	-50.6	8.0	0	78	329	22
500	5324	0	-30.4	8.2	0	43	297	7	500	5320	0	-30.8	8.8	1	30	5	5	500	5422	0	-27.1	12.2	0	76	323	14
700	2853	0	-15.8	8.8	0	49	297	5	700	2856	0	-16.1	7.8	2	35	345	4	700	2922	0	-12.7	11.4	0	68	316	8
850	1374	0	-10.1	6.2	0	49	294	5	850	1375	0	-9.6	4.6	1	34	346	3	850	1421	0	-6.5	8.5	0	43	292	4
1012	* 26		-9.9	1.6					1012	* 50		-6.7	1.8					993	* 203		-6.2	1.7				
<b>N AMERICA - CANADA</b> <b>FORT NELSON UA, B.C.</b> 71945 OCT 2002 5850N 12236W OB 3								<b>N AMERICA - CANADA</b> <b>INUUVIK UA, N.W.T.</b> 71957 OCT 2002 6819N 13332W OB 3								<b>N AMERICA - CANADA</b> <b>WHITEHORSE, UA, Y.T.</b> 71964 OCT 2002 6042N 13504W OB 3										
030	23642	2	-61.4	28.4	3	92	309	14	030	23524	0	-62.9	27.0	0	95	308	16	030	23656	2	-60.5	29.0	1	91	304	13
050	20460	1	-59.5	29.1	3	92	309	12	050	20354	0	-59.7	27.6	1	96	301	12	050	20465	1	-58.8	28.3	2	95	297	11
100	16095	0	-56.5	27.8	1	92	309	14	100	15964	0	-54.5	27.0	0	92	287	12	100	16087	0	-56.4	27.0	0	88	282	12
150	13514	0	-55.7	22.5	1	90	309	19	150	13356	0	-52.8	23.9	0	86	279	13	150	13510	0	-56.2	19.8	1	82	274	16
200	11679	0	-56.5	14.1	1	88	310	25	200	11497	0	-52.9	18.2	0	78	276	16	200	11688	0	-57.6	11.8	0	79	274	22
300	9085	0	-48.3	8.1	1	87	310	26	300	8883	0	-51.0	8.4	0	74	272	20	300	9091	0	-47.4	6.7	2	75	267	26
500	5531	0	-23.1	12.5	0	84	306	15	500	5392	0	-27.4	10.6	1	77	270	14	500	5521	0	-21.8	9.5	0	69	257	14
700	2988	0	-7.6	9.0	0	88	303	10	700	2893	0	-12.1	11.6	0	67	265	8	700	2970	0	-7.1	5.9	0	72	253	9
850	1451	0	1.0	8.7	0	74	291	7	850	1387	0	-5.2	7.1	0	47	247	4	850	1434	0	.2	4.7	0	63	184	6
971	* 378		-1.4	1.5					1005	* 103		-6.1	1.6					930	* 704		1.9	4.9				
<b>N AMERICA - ST. MARTIN, ST. BARTH., GUAD.</b> <b>LE RAIZET, GUADELOUPE</b> 78897 OCT 2002 1616N 06131W OB 3								<b>N AMERICA - BARBADOS</b> <b>GRANTLEY ADAMS</b> 78954 OCT 2002 1304N 05929W OB								<b>N AMERICA - TRINIDAD AND TOBAGO</b> <b>PIARCO INT. AIRPORT, TRINIDAD</b> 78970 OCT 2002 1037N 06121W OB 2										
030									030	23786	2	-58.2	11.6	2	98	88	13	030	23790	3	-58.5		5	98	90	11
050	20586	3	-66.8		3	86	90	6	050	20626	2	-65.9	8.7	2	88	81	5	050	20630	3	-65.8		3	58	85	3
100	16516	2	-77.1		2	41	289	4	100	16555	0	-77.3	7.0	0	81	277	9	100	16570	3	-77.7		3	84	275	9
150	14150	1	-67.6		1	68	288	10	150	14183	0	-67.3	8.4	0	82	278	15	150	14202	3	-67.0		3	87	275	15
200	12372	1	-55.2		1	61	269	10	200	12397	0	-54.4	10.2	0	78	270	13	200	12412	3	-53.8		3	85	260	13
300	9659	1	-33.8	11.4	1	25	282	3	300	9672	0	-32.6	12.9	0	39	285	4	300	9681	2	-31.9	16.0	3	38	265	4
500	5873	1	-7.2	12.4	1	50	59	3	500	5875	0	-7.0	10.4	0	56	102	3	500	5875	0	-6.3	10.4	0	55	75	3
700	3167	1	9.0	8.1	4	75	81	5	700	3168	0	8.7	8.0	0	87	103	5	700	3165	0	9.2	7.3	0	85	110	5
850	1533	0	17.2	3.1	3	86	96	6	850	1533	0	17.2	5.0	0	94	85	7	850	1526	0	18.2	5.3	0	93	110	7
1013	* 11		26.0	3.3					1008	* 56		27.0	3.4					1011	* 15		26.3	2.2				

# 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
<b>N AMERICA - CURACAO AND BONAIRE</b> HATO AIRPORT, CURACAO 78988 OCT 2002 1212N 06858W OB 3									<b>S AMERICA - COLOMBIA</b> BOGOTA/ELDORADO 80222 OCT 2002 0442N 07408W OB 3									<b>S AMERICA - COLOMBIA</b> LAS GAVIOTAS 80241 OCT 2002 0433N 07055W OB 2								
030	23817	18	-57.1		9	99	90	11	030	23698	18	-60.2						030	23519	15	-60.3		9	12	101	2
050	20654	11	-64.1		9	82	81	4	050	20578	9	-67.4		9	52	255	8	050	20572	10	-67.2		9	57	288	8
100	16562	7	-78.2		7	71	294	7	100	16552	3	-79.8		9	34	207	6	100	16540	6	-80.2		8	48	240	10
150	14195	5	-67.1		5	78	289	13	150	14199	2	-68.3		9	40	287	8	150	14190	4	-68.1		5	55	281	14
200	12403	5	-53.4		5	81	292	11	200	12414	2	-53.9		6	95	322	8	200	12407	4	-53.8		7	27	275	4
300	9670	4	-31.8	11.6	4	56	303	5	300	9676	2	-31.1	9.8	6	25	139	2	300	9666	3	-30.9	10.1	4	18	174	2
500	5863	3	-6.8	7.1	3	75	74	4	500	5857	0	-5.8	7.5	5	67	92	8	500	5844	3	-5.8	5.9	3	59	69	8
700	3154	3	9.7	6.7	4	92	106	6	700	3146	0	8.4	4.8	0	82	116	8	700	3133	3	8.5	4.3	3	89	81	12
850	1511	3	19.7	4.0	3	90	111	8	753	*2546		9.8	.7					850	1494	3	18.7	5.0	4	86	56	10
1005	* 62		27.2	5.6														989	* 167		22.5	.3				
<b>S AMERICA - COLOMBIA</b> LETICIA/VASQUEZ COBO 80398 OCT 2002 0433S 06932W OB 2									<b>S AMERICA - BRAZIL</b> BELEM (AEROPORTO) 82193 OCT 2002 0123S 04829W OB 2									<b>S AMERICA - BRAZIL</b> MANAUS (AEROPORTO) 82332 OCT 2002 0309S 05959W OB 2								
030	23450	8	-60.7		9	79	298	16	030	23841	3	-58.3	25.4	5	69	272	6	030	23838	6	-59.3	23.2	9	71	266	6
050	20578	3	-67.1		9	83	279	12	050	20683	1	-65.1	21.2	1	57	266	4	050	20688	5	-65.6	18.5	5	67	274	6
100	16549	3	-80.6		9	30	150	4	100	16614	0	-78.5	12.4	0	41	267	4	100	16611	3	-78.9	11.7	3	13	112	1
150	14198	3	-68.4		9	46	258	10	150	14247	0	-66.8	14.1	1	79	251	11	150	14252	2	-67.1	13.4	2	60	233	6
200	12413	2	-50.3		9	28	166	3	200	12450	0	-52.9	16.7	0	70	242	8	200	12456	1	-52.7	13.8	1	61	210	6
300	9677	1	-31.1	8.5	9	79	125	12	300	9705	0	-30.9	21.5	0	17	234	1	300	9706	1	-30.4	19.8	1	46	155	3
500	5860	1	-6.3	5.3	9	55	86	6	500	5877	0	-5.3	23.0	0	67	99	4	500	5879	1	-5.4	14.3	1	67	96	3
700	3149	1	8.7	5.1	9	71	64	10	700	3164	0	9.3	12.4	0	91	102	10	700	3166	1	8.7	9.3	1	86	84	6
850	1511	1	18.1	4.4	9	87	47	12	850	1522	0	18.3	4.5	0	98	92	11	850	1529	1	18.3	3.0	1	99	70	9
1000	* 84		23.2	.7					1011	* 16		27.8	4.3					1003	* 84		26.7	3.3				
<b>S AMERICA - BRAZIL</b> FORTALEZA 82397 OCT 2002 0346S 03836W OB									<b>S AMERICA - BRAZIL</b> NATAL (AEROPORTO) 82599 OCT 2002 0555S 03515W OB 2									<b>S AMERICA - BRAZIL</b> PORTO VELHO (AEROPORTO) 82824 OCT 2002 0846S 06355W OB								
030	23706	8	-60.9		8	76	261	7	030	23852	8	-58.7	20.0					030	23714	11	-60.5		9	57	257	2
050	20587	2	-67.6		2	63	279	6	050	20686	4	-65.4	20.2	5	76	276	7	050	20583	6	-67.2		9	88	286	4
100	16559	1	-76.6		1	44	307	4	100	16611	3	-76.5	14.8	3	69	281	6	100	16558	5	-79.8		9	50	137	2
150	14198	0	-67.9		0	85	270	14	150	14228	3	-64.2	15.8	3	79	276	13	150	14200	5	-67.7		9	36	235	2
200	12414	0	-54.6		0	73	279	10	200	12433	2	-53.6	18.3	2	70	280	11	200	12414	5	-53.9		9	45	230	3
300	9688	0	-32.2	25.4	0	47	323	5	300	9697	1	-31.6	27.5	1	43	289	5	300	9678	5	-31.5	12.2	9	67	132	2
500	5873	0	-5.4	30.5	0	40	77	2	500	5873	1	-5.5		1	33	45	2	500	5863	5	-6.2	7.1	9	71	96	3
700	3164	0	9.1	18.4	2	89	101	8	700	3166	1	8.9	22.1	1	86	98	6	700	3155	5	8.6	5.3	9	99	58	3
850	1531	0	15.4	5.5	2	99	116	12	850	1533	1	15.3	4.0	1	93	121	9	850	1517	5	18.0	5.8	9	89	40	3
1012	* 26		28.0	6.3					1010	* 52		29.2	5.5					1001	* 102		25.4	.4				

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
S AMERICA - BRAZIL RECIFE (CURADO) 82900 OCT 2002 0803S 03455W OB 2									S AMERICA - BRAZIL ALTA FLORESTA (AEROPORTO) 82965 OCT 2002 0952S 05606E OB /									S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 OCT 2002 1244S 06008W OB 2								
030	23708	5	-60.9		7	73	266	6	030	23718	16	-56.7		9	42	300	3	030	23702	15	-60.8		9	50	96	3
050	20584	3	-68.4		5	73	268	6	050	20588	2	-67.6		3	76	278	7	050	20575	8	-66.9		9	78	281	7
100	16550	1	-77.9		3	75	293	8	100	16558	1	-79.4		2	53	138	4	100	16562	5	-79.7		6	64	129	5
150	14182	1	-67.8		3	74	272	12	150	14201	1	-68.0		1	58	173	6	150	14207	4	-67.6		4	29	199	2
200	12398	1	-54.8		3	67	270	11	200	12418	1	-54.3		1	47	191	5	200	12420	3	-54.1		4	39	212	4
300	9680	0	-32.7	22.5	3	54	278	7	300	9685	1	-31.7	10.7	3	60	153	5	300	9686	3	-31.8	13.1	5	43	149	3
500	5870	0	-5.7	35.5	4	38	58	3	500	5865	1	-6.0	11.1	2	70	99	4	500	5874	3	-5.9	10.4	6	70	102	4
700	3168	0	8.2	16.1	4	82	87	5	700	3165	1	8.7	7.0	3	95	79	10	700	3164	3	8.9	6.1	7	93	37	7
850	1539	0	14.9	3.6	3	96	117	7	850	1523	1	19.4	6.9	3	83	53	5	850	1522	3	19.7	6.9	7	51	344	4
1015	* 7		27.4	5.9					979	* 288		23.0	1.5					944	* 652		23.7	3.0				
S AMERICA - BRAZIL SALVADOR 83229 OCT 2002 1301S 03831W OB 2									S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 OCT 2002 1316S 04325W OB 2									S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 OCT 2002 1539S 05606W OB								
030	23692	11	-59.6		9	36	22	3	030	23678	3	-60.7		5	33	29	2	030	23716	13	-59.2					
050	20565	5	-67.7		8	69	268	5	050	20554	2	-67.8		4	69	255	5	050	20577	9	-66.9		9	67	255	4
100	16533	5	-77.2		9	58	280	6	100	16520	2	-77.8		4	61	236	6	100	16564	3	-79.7		8	82	187	7
150	14159	4	-67.3		6	64	228	8	150	14152	2	-65.5		3	67	200	7	150	14195	3	-67.5		8	61	224	6
200	12373	4	-55.2		8	75	199	11	200	12372	1	-55.1		2	79	206	11	200	12416	0	-54.3		6	50	238	4
300	9665	2	-34.0	22.7	5	52	205	6	300	9655	1	-33.3	23.3	2	47	190	5	300	9689	0	-32.4	16.7	2	31	171	2
500	5870	1	-5.8	37.2	3	62	134	4	500	5859	1	-6.5	37.1	2	73	115	4	500	5882	0	-6.3	11.8	4	40	124	2
700	3168	0	8.2	23.9	1	25	116	2	700	3161	1	7.7	12.4	2	64	197	4	700	3177	0	8.9	6.9	3	86	45	6
850	1545	0	14.2	6.3	0	76	84	4	850	1523	1	19.3	14.3	2	78	102	4	850	1532	0	20.5	8.8	3	72	347	4
1011	* 51		27.4	5.6					963	* 440		27.0	9.7					991	* 182		27.1	6.7				
S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 OCT 2002 1552S 04756W OB 3									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 OCT 2002 2028S 05440W OB 2									S AMERICA - BRAZIL TRINDADE (ILHA) 83650 OCT 2002 2030S 02919W OB 2								
030	23707	15	-59.0						030									030	23714	14	-58.6		9	89	102	8
050	20570	8	-67.2						050									050	20564	1	-66.9		4	13	232	1
100	16544	7	-79.2						100	16631	6	-76.3		7	73	245	8	100	16506	1	-75.6		3	72	272	7
150	14180	7	-65.3						150	14233	5	-64.7		6	74	238	5	150	14104	0	-65.3		1	54	255	7
200	12399	4	-54.8						200	12422	0	-52.0		3	79	248	10	200	12315	0	-55.9		1	57	212	9
300	9676	1	-32.8	20.2					300	9681	2	-32.1	17.2	3	71	255	8	300	9625	0	-36.2	24.6	1	44	230	4
500	5877	0	-6.4	25.0	9	60	87	3	500	5881	1	-7.4	12.9	6	17	302	1	500	5869	0	-8.8	37.2	1	9	1	1
700	3177	0	8.4	12.9	9	63	127	3	700	3182	1	9.2	7.0	2	67	344	5	700	3185	0	7.0	31.6	1	44	14	2
850	1533	0	19.9	12.7	9	86	66	6	850	1532	1	21.8	11.0	1	81	1	6	850	1569	0	13.0	14.2	1	71	62	5
897	*1061		23.3	9.8					949	* 567		26.4	10.5					1021	* 5		26.4	7.2				

# 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
<b>S AMERICA - BRAZIL</b> <b>GALEAO</b> 83746 OCT 2002 2249S 04315W OB 2									<b>S AMERICA - BRAZIL</b> <b>CURITIBA (AEROPORTO)</b> 83840 OCT 2002 2531S 04910W OB 2									<b>S AMERICA - BRAZIL</b> <b>PORTO ALEGRE (AERO- PORTO)</b> 83971 OCT 2002 3000S 05111W OB 2								
030	23857	11	-56.1	25.2	9	81	88	7	030	23860	1	-55.3	25.2	2	86	94	6	030	23800	11	-55.7	24.8	9	45	104	3
050	20667	5	-64.3	19.8	6	14	19	1	050	20656	1	-63.1	32.7	1	56	36	3	050	20619	4	-62.9	22.5	4	50	349	3
100	16584	4	-73.6	12.6	4	78	227	9	100	16576	1	-75.3	15.2	1	91	251	11	100	16470	1	-72.5	16.8	1	94	263	18
150	14187	3	-65.5	13.4	4	82	212	16	150	14179	1	-66.0	16.1	1	89	254	22	150	14064	1	-65.5	16.1	1	97	269	34
200	12394	0	-54.5	14.2	3	82	225	16	200	12386	1	-53.9	17.2	1	93	256	19	200	12267	0	-55.1	16.3	1	93	273	32
300	9676	0	-33.9	18.6	0	67	240	7	300	9657	0	-33.0	19.0	0	84	257	14	300	9562	0	-35.3	15.7	0	88	271	19
500	5890	0	-7.0	23.1	0	60	229	5	500	5873	0	-7.9	18.1	0	61	281	6	500	5813	0	-9.8	19.3	0	74	278	10
700	3182	0	8.6	16.8	0	36	201	2	700	3172	0	9.0	8.7	0	78	297	7	700	3133	1	6.5	12.3	0	68	278	10
850	1547	0	17.6	9.6	0	47	345	2	850	1538	0	17.2	5.6	0	50	26	4	850	1510	1	14.5	8.8	1	44	325	4
1015	* 6		25.4	3.6					916	* 908		18.4	3.2					1014	* 3		20.4	2.3				
<b>S AMERICA - PERU</b> <b>LIMA-CALLAO/AEROP. INTERNACI</b> 84628 OCT 2002 1200S 07707W OB 2									<b>S AMERICA - CHILE</b> <b>ANTOFAGASTA</b> 85442 OCT 2002 2326S 07027W OB 2									<b>S AMERICA - CHILE</b> <b>PUERTO MONTT</b> 85799 OCT 2002 4126S 07306W OB 2								
030	23928	6	-56.0		7	35	128	2	030	23741								030	23681							
050	20729	5	-64.0		6	76	263	6	050	20569	4	-65.3						050	20433	2	-57.9	28.0	2	84	284	11
100					5	53	287	4	100	16514	3	-75.2						100	16088	0	-59.1		0	95	292	27
150					6	78	292	11	150	14116	2	-65.2	24.7	3	98	291	28	150	13527	0	-55.2	27.9	0	97	287	28
200	12399	5	-52.3		6	73	298	10	200	12321	0	-54.9	23.0	3	95	296	32	200	11684	0	-53.2		0	96	287	32
300	9667	5	-30.5	26.4	5	54	283	5	300	9613	0	-34.7	27.7	0	93	290	24	300	9052	0	-47.1	16.1	0	90	288	35
500	5860	4	-5.7	14.3	4	28	91	2	500	5844	0	-7.5	36.5	0	78	281	8	500	5505	0	-23.5	9.9	3	91	290	22
700	3135	4	10.7	22.6	4	16	57	1	700	3136	0	10.5		0	57	317	3	700	2962	0	-7.3	11.7	5	84	291	13
850	1496	4	17.3	18.1	4	24	3	1	850	1494	0	19.2		5	59	58	2	850	1427	0	.4	4.4	4	72	314	9
1012	* 13		16.2	1.8					1001	* 140		14.8	3.8					1003	* 90		7.2	1.1				
<b>S AMERICA - CHILE</b> <b>PUNTA ARENAS</b> 85934 OCT 2002 5300S 07051W OB 2									<b>S AMERICA - ARGENTINA</b> <b>CORDOBA AERO</b> 87344 OCT 2002 3119S 06413W OB /									<b>S AMERICA - ARGENTINA</b> <b>EZEIZA AERO</b> 87576 OCT 2002 3449S 05832W OB 3								
030									030	23731	2	-56.9	31.6	4	39	340	3	030	23747	6	-54.7		9	51	310	4
050	20193	5	-52.8						050	20537	1	-63.0	29.4	2	61	310	4	050	20539	3	-62.4		9	90	295	9
100	15744	4	-54.2						100	16397	0	-71.8	23.2	0	97	285	29	100	16359	1	-67.6		6	97	275	29
150	13140	4	-53.6						150	13972	0	-64.6	21.2	0	95	290	39	150	13897	1	-63.5		6	97	285	47
200	11295	3	-54.7	25.6					200	12182	0	-55.5	20.5	1	94	290	40	200	12106	1	-56.4		6	94	290	48
300	8708	3	-53.4	15.4					300	9501	0	-38.3	19.6	1	90	290	31	300	9441	0	-39.4	15.5	6	96	285	38
500									500	5784	0	-10.7	22.0	0	94	285	18	500	5745	0	-13.0	20.0	3	93	275	21
700	2777	2	-13.0	13.8	5	83	263	11	700	3102	0	7.7	20.2	0	65	310	7	700	3096	0	4.4	21.1	1	70	280	8
850	1274	2	-4.7	5.3					850	1481	0	13.8	10.3	0	34	5	3	850	1490	0	12.4	19.8	1	19	310	2
992	* 43		2.5	3.1					957	* 474		16.2	4.2					1011	* 20		17.7	3.1				

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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
<b>S AMERICA - ARGENTINA</b> <b>SANTA ROSA AERO</b> 87623 OCT 2002 3634S 06416W OB /									<b>ANTARCTICA - UNITED KINGDOM (ANTARCTIC)</b> <b>HALLEY</b> 89022 OCT 2002 7530S 02639W OB 2									<b>ANTARCTICA - USSR (ANTARCTIC)</b> <b>MIRNYJ</b> 89592 OCT 2002 6633S 09301E OB 1								
030									030	22389	4	-48.9	27.3	5	40	266	14	030	23604	3	-42.8	15.2	4	92	281	26
050	20516	1	-53.2		1	80	289	9	050	19149	3	-62.6	19.9	4	33	247	8	050	20175	3	-45.0	12.6	3	94	275	28
100	16281	1	-65.4		2	98	284	32	100	14968	3	-69.7	14.6	4	31	267	4	100	15578	2	-49.2	9.4	2	96	271	25
150	13791	1	-60.2		1	97	289	43	150	12545	3	-67.8	12.5	4	21	268	2	150	12936	2	-52.0	7.5	2	95	269	20
200	11988	1	-56.7		1	94	292	46	200	10809	3	-66.7	9.7	4	18	305	2	200	11081	1	-53.0	6.5	1	90	269	16
300	9342	1	-41.9	14.6	1	94	288	40	300	8336	3	-60.5	6.9	5	29	18	5	300	8481	1	-53.2	5.2	1	69	272	11
500	5688	1	-15.7	15.0	2	94	290	25	500	4994	3	-38.0	5.6	5	44	35	7	500	5060	1	-33.7	5.4	1	34	285	3
700	3065	1	1.0	11.2	1	73	284	9	700	2600	3	-22.7	6.7	5	58	54	7	700	2630	1	-19.6	6.7	1	57	73	4
850	1476	0	10.4	13.1	0	12	345	1	850	1161	3	-17.0	7.8	7	75	61	10	850	1175	1	-16.2	6.3	1	95	89	12
991	* 191		12.8	3.7					988	* 30		-17.6	2.3					985	* 30		-12.3	4.5				
<b>ANTARCTICA - GERMANY (ANTARCTIC)</b> <b>NEUMAYER</b> 89002 OCT 2002 7040S 00815W OB 2									<b>ANTARCTICA - JAPAN (ANTARCTIC)</b> <b>SYOWA</b> 89532 OCT 2002 6900S 03935E OB 1									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> <b>MAWSON</b> 89564 OCT 2002 6736S 06252E OB 3								
030	22696	1	-44.3	33.1	7	79	292	29	030	23015	0	-47.4		0	90	290	34	030	23262	3	-46.2	33.8	7	91	279	30
050	19358	1	-56.5	30.4	7	85	291	23	050	19686	0	-53.2		0	90	289	32	050	19910	2	-49.8	32.0	6	93	281	32
100	15078	1	-66.3	27.8	8	84	292	12	100	15286	0	-59.1		0	86	286	24	100	15421	2	-54.0	29.2	6	90	277	25
150	12624	1	-65.8	26.8	8	68	298	8	150	12759	0	-60.9		0	83	283	16	150	12836	2	-56.2	26.7	6	86	274	19
200	10871	1	-64.4	20.9	7	43	270	6	200	10971	0	-61.0		0	76	280	12	200	11012	2	-57.2	22.0	6	86	274	18
300	8379	1	-59.4	14.3	7	21	271	4	300	8444	0	-57.0		0	45	277	6	300	8454	2	-55.3	11.5	5	80	264	16
500	5027	1	-37.2	14.4	7	9	30	2	500	5053	0	-34.7	7.4	0	2	359	0	500	5043	2	-34.2	10.0	3	59	254	7
700	2628	1	-22.3	14.2	7	33	52	4	700	2635	0	-22.0	6.9	0	51	83	4	700	2623	1	-21.7	11.4	3	40	194	3
850	1185	1	-16.8	10.1	7	39	44	5	850	1191	0	-16.4	4.5	0	85	44	7	850	1188	1	-18.8	7.6	3	82	106	6
989	* 50		-16.4	2.9					991	* 21		-12.4	5.1					9999	* 16							
<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> <b>DAVIS</b> 89571 OCT 2002 6835N 07758W OB 3									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> <b>CASEY</b> 89611 OCT 2002 6617S 11031E OB 3									<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b> <b>PENANG/BAYAN LEPAS</b> 48601 OCT 2002 0518N 10016E OB 3								
030	23274	2	-44.8	34.2	3	88	279	29	030	23515	4	-43.1	33.6	7	87	283	24	030	23726	22	-59.1	30.4	9	55	99	4
050	19889	2	-48.9	32.8	3	92	276	31	050	20102	4	-45.9	32.6	8	89	279	24	050	20593	20	-68.3	20.8	9	53	282	4
100	15389	2	-54.1	28.3	3	92	274	25	100	15530	2	-50.1	30.2	5	91	275	23	100	16571	2	-81.1	12.2	3	79	87	8
150	12804	2	-56.1	25.4	3	93	272	19	150	12903	2	-52.6	28.2	5	91	273	19	150	14230	2	-68.5	10.9	3	96	83	16
200	10979	2	-56.6	22.8	3	88	272	16	200	11048	2	-53.6	23.7	5	87	269	15	200	12444	2	-53.3	10.3	3	93	80	11
300	8408	2	-54.9	15.3	4	83	270	13	300	8458	2	-54.3	13.6	3	74	273	13	300	9696	2	-30.3	9.8	3	81	90	6
500	5015	2	-35.7	12.4	2	41	279	4	500	5047	2	-33.9	9.8	3	41	276	5	500	5865	2	-5.2	6.7	3	72	85	4
700	2612	2	-22.7	6.8	2	49	52	3	700	2624	2	-20.6	7.0	3	7	56	1	700	3147	2	9.5	5.8	3	24	89	1
850	1173	2	-18.1	6.2	2	91	51	8	850	1171	2	-15.2	9.3	3	60	67	4	850	1507	2	18.2	5.5	2	47	191	2
9999	* 13								9999	* 42								9999	* 4							



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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
<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b> KOTA BHARU 48615 OCT 2002 0610N 10217E OB 3									<b>SW PACIFIC - SINGAPORE</b> SINGAPORE/CHANGI AIRPORT 48698 OCT 2002 0122N 10359E OB 3									<b>SW PACIFIC - USA (PACIFIC OCEAN NORTH)</b> HILO/GEN. LYMAN, HAWAII, 91285 OCT 2002 1943N 15504W OB 2								
030	23717	4	-59.0	30.4	5	48	110	4	030	23676	0	-61.5	28.0	0	47	247	5	030	23750	0	-58.0	11.4	0	98	93	12
050	20582	3	-68.0	23.3	3	21	307	2	050	20559	0	-68.3	17.1	0	91	265	9	050	20590	0	-65.6	9.1	0	93	92	7
100	16568	3	-81.6	13.0	3	83	79	10	100	16545	0	-80.9	11.7	0	34	85	3	100	16517	0	-78.1	7.1	0	87	285	11
150	14230	3	-68.4	12.1	4	95	83	16	150	14205	0	-68.6	10.6	0	93	78	12	150	14153	0	-67.5	8.5	0	88	279	19
200	12444	3	-53.3	12.9	4	91	79	11	200	12422	0	-53.8	10.8	0	91	73	10	200	12367	0	-54.4	10.8	0	87	274	21
300	9698	3	-30.3	13.7	3	83	90	6	300	9682	0	-30.8	12.0	0	75	83	5	300	9643	0	-33.0	13.8	0	86	282	13
500	5867	3	-5.1	8.0	3	77	84	5	500	5856	0	-5.4	8.5	0	68	84	4	500	5851	0	-6.9	20.9	0	52	291	3
700	3148	3	9.4	5.8	3	27	51	1	700	3140	0	9.2	5.8	0	46	103	2	700	3148	0	8.2	18.8	0	23	82	2
850	1508	3	18.5	5.9	3	21	241	1	850	1501	0	18.4	6.6	0	82	147	3	850	1525	0	14.2	2.9	1	69	92	4
9999	* 5								1008	* 16								1014	* 11		21.4	1.9				
<b>SW PACIFIC - NEW CALEDONIA</b> NOUMEA (NILE-CALEDONIE) 91592 OCT 2002 2216S 16627E OB /									<b>SW PACIFIC - TUVALU (NEW ZEALAND)</b> FUNAFUTI 91643 OCT 2002 0831S 17913E OB 3									<b>SW PACIFIC - FIJI</b> NANDI 91680 OCT 2002 1745S 17727E OB 3								
030	23711	2	-57.7		6	89	86	8	030	23750	3	-52.7						030	23775	21	-57.2					
050	20548	0	-66.8		5	25	51	1	050	20610	1	-62.9						050	20606	11	-65.9					
100	16506	0	-78.7		3	93	272	21	100	16600	0	-80.0						100	16594	0	-81.1	12.1	7	83	275	11
150	14150	0	-67.1		3	96	282	36	150	14270	0	-67.8						150	14245	0	-67.1	12.6	6	89	288	18
200	12357	0	-53.1		3	96	286	38	200	12470	0	-52.2						200	12450	0	-52.7	14.0	6	88	291	19
300	9617	0	-31.6	24.3	2	94	277	32	300	9712	0	-29.4						300	9700	0	-30.0	16.8	7	92	293	15
500	5822	0	-8.3	34.1	3	94	275	15	500	5872	0	-5.3	13.0					500	5863	0	-5.3	16.8	8	83	298	10
700	3135	0	6.6	30.1	5	67	276	4	700	3149	0	10.3	4.3					700	3147	0	9.7	15.0	6	42	287	3
850	1525	0	12.1	7.1	6	50	47	3	850	1505	0	18.5	13.5					850	1514	0	16.7	9.2	3	62	80	4
1010	* 72		24.8	7.7					1008	* 2		30.2	26.4					1011	* 25		28.2	7.3				
<b>SW PACIFIC - SAMOA (USA)</b> PAGO PAGO/INT. AIRPORT 91765 OCT 2002 1420S 17043W OB 2									<b>SW PACIFIC - FRENCH POLY. (MARQUESAS)</b> ATUONA 91925 OCT 2002 0948S 13902W OB 3									<b>SW PACIFIC - FRENCH POLY. (SOCIETY IS)</b> TAHITI-FAAA 91938 OCT 2002 1733S 14937W OB 2								
030	23702	3	-58.8	17.8	3	26	245	1	030	23677	10	-59.2						030	23687	4	-59.1		7	36	13	2
050	20557	3	-68.1	9.2	3	94	277	7	050	20553	5	-68.5		8	94	269	8	050	20544	1	-68.2		5	64	289	4
100	16578	1	-82.8	6.3	1	60	272	4	100	16548	4	-81.9		6	22	254	2	100	16546	0	-80.4		0	88	266	11
150	14240	0	-67.9	7.2	0	64	257	7	150	14211	3	-67.7		5	48	258	6	150	14197	0	-67.8		0	91	248	16
200	12451	0	-53.4	9.1	0	61	253	7	200	12421	3	-53.2		5	38	257	5	200	12410	0	-53.8		0	76	237	14
300	9708	0	-30.6	13.4	0	34	300	3	300	9680	2	-31.0	28.3	4	25	223	3	300	9678	0	-32.1	18.2	0	73	248	11
500	5879	0	-5.1	10.6	0	39	336	3	500	5852	2	-4.9	33.7	4	33	62	3	500	5865	0	-5.3	24.1	0	65	262	6
700	3155	0	10.3	11.4	0	3	1	0	700	3128	2	11.1	25.5	4	38	105	3	700	3149	0	9.2	15.4	1	27	272	2
850	1512	0	17.6	6.1	0	60	82	4	850	1493	1	15.7	2.7	3	85	89	6	850	1516	0	16.7	4.1	2	33	18	2
1011	* 3		27.1	3.2					1004	* 52		28.8	6.1					1012	* 2		29.2	6.5				

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND																							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED																					
																											hPa	gpm	°C	°C	%	°	mps	hPa	gpm	°C	°C	%	°	mps	hPa	gpm	°C	°C	%	°	mps
<b>SW PACIFIC - FRENCH POLY. (TUAMOTU IS)</b> RIKITEA 91948 OCT 2002 2308S 13458W OB									<b>SW PACIFIC - FRENCH POLY. (AUSTRAL IS)</b> TUBUAI 91954 OCT 2002 2321S 14929W OB									<b>SW PACIFIC - FRENCH POLY. (AUSTRAL IS)</b> RAPA 91958 OCT 2002 2737S 14420W OB 3																													
030	23688	6	-58.5		7	75	50	5	030	23697	4	-58.3		4	77	65	5	030																													
050	20536	2	-66.7		3	33	143	2	050	20530	0	-65.9		0	25	343	1	050																													
100	16482	2	-76.5		3	94	267	17	100	16475	0	-77.4		0	94	268	23	100																													
150	14100	2	-66.8		3	91	262	27	150	14102	0	-66.7		0	96	263	33	150																													
200	12318	2	-55.1		3	81	257	26	200	12312	0	-53.9		0	89	254	36	200																													
300	9610	2	-34.5	15.1	3	88	271	22	300	9593	0	-33.9	14.3	0	91	265	31	300	9479	5	-38.0		6	93	268	34																					
500	5832	2	-7.3	24.7	3	79	282	12	500	5818	0	-8.7	22.7	0	92	275	18	500	5765	0	-12.0	18.7	1	93	280	20																					
700	3138	1	7.5	18.3	2	64	300	5	700	3131	0	7.2	20.3	1	75	276	8	700	3107	0	4.4	20.9	0	79	280	10																					
850	1518	1	13.9	5.4	2	44	324	2	850	1512	0	13.3	6.2	1	43	315	3	850	1507	0	10.5	8.1	0	53	299	4																					
1004	* 89		24.6	4.4					1014	* 3		24.1	5.5					1016	* 2		20.7	4.3																									
<b>SW PACIFIC - NEW ZEALAND</b> WHENUAPAI 93112 OCT 2002 3678S 17463E OB 1									<b>SW PACIFIC - NEW ZEALAND</b> PARAPARAUMU AERODROME 93417 OCT 2002 4054S 17459E OB 1									<b>SW PACIFIC - NEW ZEALAND</b> INVERCARGILL AERODROME 93844 OCT 2002 4625S 16819W OB 1																													
030	23788	5	-56.0		5	83	96	9	030									030	23883	13	-52.4		7	71	91	6																					
050	20552	1	-58.0		1	12	174	1	050	20557	5	-55.1		5	40	181	2	050	20569	3	-52.3		1	31	217	2																					
100	16208	1	-59.2		2	94	265	19	100	16144	1	-55.3		0	90	264	15	100	16092	2	-52.5		0	90	259	10																					
150	13648	0	-55.6		1	94	269	30	150	13544	1	-53.0		0	90	263	21	150	13467	1	-51.9		0	88	260	14																					
200	11803	0	-53.3		1	91	268	32	200	11686	0	-53.0		0	87	259	22	200	11607	1	-52.8		0	76	256	15																					
300	9178	0	-47.3		1	81	270	25	300	9070	0	-48.8		0	79	256	21	300	8988	1	-49.1		0	64	255	15																					
500	5602	0	-20.5	18.8	3	78	265	16	500	5527	0	-23.2	15.5	0	75	253	15	500	5460	0	-24.7	13.3	0	64	257	10																					
700	3026	0	-3.9	19.5	3	75	263	11	700	2976	0	-6.6	11.3	0	70	271	10	700	2928	0	-8.2	10.0	1	77	265	10																					
850	1471	0	2.7	6.6	2	74	259	9	850	1433	0	1.8	7.7	0	59	280	6	850	1396	0	-2	6.3	1	71	273	9																					
1012	* 27		15.0	6.2					1012	* 12		13.6	5.6					1009	* 4		10.4	4.4																									
<b>SW PACIFIC - NEW ZEALAND</b> CHATHAM ISLAND 93986 OCT 2002 4357S 17634W OB 1									<b>SW PACIFIC - NEW ZEALAND</b> KERMADEC IS. 93997 OCT 2002 2915S 17755W OB 1									<b>SW PACIFIC - AUSTRALIA</b> DARWIN AIRPORT 94120 OCT 2002 1225S 13053E OB /																													
030	23850	5	-52.8		7	79	100	7	030	23740	7	-57.5		9	87	92	7	030	23715	1	-59.4	30.8	1	26	233	2																					
050	20550	2	-53.1		4	34	159	2	050	20551	2	-63.1		3	32	303	2	050	20568	1	-68.0	25.1	1	84	272	6																					
100	16088	0	-52.7		2	85	253	10	100	16373	1	-69.9		3	98	272	30	100	16574	1	-81.0	14.4	1	29	141	2																					
150	13464	0	-51.3		2	86	253	15	150	13925	0	-62.7		0	98	271	51	150	14221	1	-67.3	15.9	1	36	350	4																					
200	11593	0	-51.8		2	81	256	16	200	12111	0	-52.5		0	97	274	56	200	12432	1	-53.6	19.2	2	38	276	3																					
300	8967	0	-49.2		2	60	251	15	300	9401	0	-38.3		0	95	274	43	300	9697	1	-31.4	28.7	1	21	204	2																					
500	5444	0	-25.1	11.8	3	65	250	12	500	5725	0	-15.0	30.2	0	87	269	19	500	5882	1	-5.4	36.1	1	62	112	5																					
700	2913	0	-7.9	12.6	3	73	251	11	700	3102	0	.8	22.2	0	81	260	9	700	3173	1	8.4	14.4	1	94	117	13																					
850	1377	0	.9	8.4	3	68	245	8	850	1520	0	7.9	12.9	1	61	260	5	850	1533	1	19.8	12.5	1	80	94	5																					
1001	* 48		10.2	3.9					1014	* 49		18.9	6.6					9999	* 31																												

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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
<b>SW PACIFIC - AUSTRALIA</b> <b>GOVE AIRPORT</b> 94150 OCT 2002 1217S 13649E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>BROOME AIRPORT</b> 94203 OCT 2002 1757S 12214E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>TOWNSVILLE AERO</b> 94294 OCT 2002 1915S 14645E OB /								
030	23697	3	-60.1	30.7	5	31	263	2	030	23701	0	-58.6	30.7	1	88	79	6	030	23691	0	-58.3	31.0	0	83	85	6
050	20553	2	-68.5	23.3	4	93	258	8	050	20551	0	-67.2	24.8	1	51	173	3	050	20546	0	-68.4	25.5	0	65	112	4
100	16565	2	-81.3	13.7	4	38	157	3	100	16557	0	-79.9	14.6	1	76	267	9	100	16539	0	-79.0	15.3	0	90	269	13
150	14218	0	-68.0	14.0	4	58	354	7	150	14200	0	-67.3	15.8	1	88	275	15	150	14177	0	-67.1	16.0	0	95	288	22
200	12431	0	-53.7	17.2	4	61	300	6	200	12412	0	-53.9	18.9	1	86	263	15	200	12385	0	-53.4	18.8	1	93	290	23
300	9695	0	-31.4	25.3	4	18	219	2	300	9683	0	-32.2	25.4	1	73	262	11	300	9655	0	-32.6	27.2	0	82	271	17
500	5879	0	-5.2	34.1	4	59	126	5	500	5877	0	-6.3	32.1	2	57	282	5	500	5861	0	-6.0	38.1	0	76	236	10
700	3167	0	8.6	20.4	5	89	121	10	700	3183	0	9.0	13.6	1	54	71	3	700	3163	0	7.7	20.8	1	76	187	8
850	1529	0	20.1	18.3	5	96	105	9	850	1533	0	23.6	24.8	5	46	149	3	850	1534	0	17.2	16.4	0	60	99	4
9999	* 54								9999	* 7								9999	* 9							
<b>SW PACIFIC - AUSTRALIA</b> <b>WILLIS ISLAND</b> 94299 OCT 2002 1618S 14959E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>PORT HEDLAND PARDOO</b> 94312 OCT 2002 2022S 11838E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>ALICE SPRINGS AERO</b> 94326 OCT 2002 2348S 13353E OB /								
030	23699	0	-58.5	31.3	1	49	56	3	030	23709	2	-58.2	29.4	3	94	87	9	030	23742	1	-57.6	30.1	2	93	87	9
050	20554	0	-68.2	26.9	1	53	194	3	050	20553	2	-66.9	21.9	3	57	147	3	050	20579	1	-66.3	25.0	2	89	113	7
100	16557	0	-80.9	14.9	1	80	279	7	100	16542	1	-78.9	15.6	3	85	274	13	100	16517	0	-75.7	17.7	1	92	267	20
150	14209	0	-67.6	15.5	1	89	301	14	150	14176	1	-66.8	17.5	3	96	275	23	150	14121	0	-65.2	19.0	0	93	268	30
200	12421	0	-53.6	17.0	1	91	309	16	200	12386	1	-54.0	19.2	2	92	266	24	200	12325	0	-54.1	19.3	0	90	263	31
300	9682	0	-31.3	29.5	1	83	285	12	300	9661	1	-32.7	24.7	2	86	272	19	300	9615	0	-34.9	20.8	0	90	261	27
500	5870	0	-4.6		0	60	243	5	500	5868	1	-7.4	32.2	2	83	287	9	500	5855	0	-9.0	27.8	0	89	255	13
700	3153	0	9.3	30.8	1	53	170	4	700	3180	1	8.4	18.5	2	62	316	5	700	3175	0	8.1	23.1	1	74	246	8
850	1523	0	16.2	16.2	1	76	125	6	850	1536	1	22.7	26.1	2	21	252	2	850	1540	0	18.5	25.8	0	6	34	1
9999	* 6								9999	* 9								9999	* 546							
<b>SW PACIFIC - AUSTRALIA</b> <b>MT ISA AERO</b> 94332 OCT 2002 2041S 13929E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>GERALDTON AIRPORT</b> 94403 OCT 2002 2848S 11442E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>MEEKATHARRA AIRPORT</b> 94430 OCT 2002 2637S 11833E OB 2								
030	23730	1	-57.7	31.5	3	78	82	6	030	23724	4	-58.1	31.1	5	97	90	10	030	23708	1	-58.3	31.3	7	95	88	10
050	20571	1	-67.0	28.1	3	87	123	6	050	20555	2	-64.6	27.7	3	70	105	4	050	20547	0	-65.7	28.8	7	77	130	6
100	16545	0	-78.6	18.5	0	92	261	16	100	16404	0	-69.9	21.5	1	96	274	24	100	16449	0	-73.4	20.5	4	97	272	23
150	14172	0	-65.9	21.7	0	91	277	22	150	13959	0	-63.0	21.4	1	97	272	39	150	14034	0	-64.6	21.0	4	97	270	35
200	12377	0	-53.6	24.0	0	87	277	22	200	12156	0	-54.7	19.2	0	96	273	42	200	12237	0	-54.6	20.5	4	96	270	39
300	9652	0	-33.3	29.7	0	79	258	19	300	9474	0	-38.6	19.4	1	95	274	33	300	9544	0	-36.9	21.8	3	96	276	32
500	5865	0	-7.3	36.6	0	81	230	10	500	5772	0	-12.4	24.3	0	91	278	19	500	5812	0	-10.9	28.9	5	95	277	18
700	3177	0	8.3	24.7	0	72	210	5	700	3114	0	5.1	28.7	0	88	279	12	700	3143	0	6.8	26.9	4	94	288	13
850	1540	0	20.2	29.1	0	9	118	1	850	1509	0	11.7	19.6	0	55	272	5	850	1521	0	15.9	22.5	4	47	294	4
9999	* 340								9999	* 33								9999	* 517							

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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
<b>SW PACIFIC - AUSTRALIA</b> GILES 94461 OCT 2002 2502S 12817E OB /									<b>SW PACIFIC - AUSTRALIA</b> PERTH AIRPORT 94610 OCT 2002 3156S 11558E OB /									<b>SW PACIFIC - AUSTRALIA</b> EUCLA 94647 OCT 2002 3141S 12853E OB									
030	23711	2	-58.7	29.7	5	98	91	9	030	23751	1	-57.4	30.4	2	92	91	9	030	23757	5	-57.3	28.0	7	95	83	10	
050	20552	2	-66.4	24.6	5	84	125	6	050	20560	1	-62.1	28.5	3	48	73	2	050	20563	1	-62.2	25.5	3	56	120	4	
100	16480	1	-75.1	17.5	5	96	269	21	100	16341	0	-66.4	24.4	0	96	277	23	100	16353	1	-67.5	21.5	3	95	269	24	
150	14082	1	-65.6	17.7	5	95	267	34	150	13858	0	-60.7	23.5	0	95	272	37	150	13877	0	-61.2	20.6	1	95	269	38	
200	12291	0	-54.4	17.9	4	92	262	35	200	12046	0	-54.9	18.9	0	95	274	43	200	12068	0	-55.3	17.7	0	94	266	43	
300	9588	0	-35.8	19.3	3	92	264	29	300	9384	0	-40.8	15.7	0	93	277	32	300	9406	0	-40.8	15.8	1	94	268	36	
500	5844	0	-10.2	24.8	1	92	266	15	500	5718	0	-14.6	19.3	0	87	281	20	500	5736	0	-14.2	20.3	2	92	268	22	
700	3172	0	7.9	21.7	1	84	267	10	700	3082	0	2.4	24.1	0	78	280	12	700	3097	0	3.1	21.0	3	89	270	14	
850	1536	0	19.5	23.7	1	26	309	2	850	1496	0	7.9	11.6	2	60	282	6	850	1503	0	10.5	16.2	3	65	259	6	
9999	* 598								9999	* 31									9999	* 102							
<b>SW PACIFIC - AUSTRALIA</b> COBAR 94711 OCT 2002 3129S 14550E OB /									<b>SW PACIFIC - AUSTRALIA</b> WILLIAMTOWN AERODROME 94776 OCT 2002 3248S 15150E OB /									<b>SW PACIFIC - AUSTRALIA</b> ALBANY AIRPORT 94802 OCT 2002 3456S 11748E OB /									
030	23803	2	-56.3	31.9	3	92	77	10	030									030	23779	9	-56.6	31.6					
050	20595	2	-61.4	30.5	2	54	107	3	050	20563	6	-60.8	30.5	7	51	96	3	050	20567	5	-60.4	30.2	7	9	105	1	
100	16368	1	-65.8	29.3	2	96	267	23	100	16308	4	-64.2	28.4	4	97	268	22	100	16285	0	-62.5	27.5	1	96	275	21	
150	13875	1	-59.9	29.5	2	96	268	35	150	13802	2	-58.7	28.5	2	96	266	36	150	13767	0	-58.7	26.4	0	95	274	34	
200	12053	0	-54.2	25.3	2	95	265	40	200	11977	1	-54.2	23.8	1	94	266	39	200	11947	0	-55.1	20.2	0	96	273	39	
300	9394	0	-41.8	17.0	0	94	258	32	300	9332	0	-43.4	17.3	1	93	260	31	300	9301	0	-42.9	13.7	0	91	276	32	
500	5739	0	-14.9	25.6	1	91	262	18	500	5704	0	-16.6	20.3	0	88	261	16	500	5664	0	-16.5	17.8	0	87	279	21	
700	3108	0	3.0	32.4	0	80	267	10	700	3090	0	.7	19.6	0	88	272	11	700	3050	0	.3	20.8	0	75	278	12	
850	1515	0	10.2	16.9	0	50	269	4	850	1505	0	10.0	12.1	0	77	282	7	850	1475	0	6.0	10.3	0	63	275	7	
9999	* 264								9999	* 8									9999	* 69							
<b>SW PACIFIC - AUSTRALIA</b> MOUNT GAMBIER AERO 94821 OCT 2002 3744S 14047E OB /									<b>SW PACIFIC - AUSTRALIA</b> MELBOURNE AIRPORT 94866 OCT 2002 3740S 14451E OB									<b>SW PACIFIC - AUSTRALIA</b> WAGGA AIRPORT 94910 OCT 2002 3510S 14727E OB /									
030									030	23800	3	-55.8	31.2	6	95	84	10	030	23774	1	-56.7	30.8	3	99	83	10	
050	20572	7	-57.8	31.5	7	42	100	2	050	20570	1	-57.9	30.1	4	41	78	2	050	20558	1	-59.6	29.6	3	54	91	3	
100	16231	1	-59.0	30.7	1	93	264	18	100	16229	1	-59.8	29.5	4	92	265	16	100	16267	1	-61.9	27.1	3	96	262	19	
150	13674	1	-55.8	30.7	1	94	267	28	150	13674	1	-55.9	30.0	3	95	268	27	150	13739	1	-57.5	27.0	3	96	263	30	
200	11836	1	-54.1	25.4	1	92	264	32	200	11834	1	-53.7	24.2	1	93	261	30	200	11912	1	-54.8	22.3	3	94	262	35	
300	9206	1	-45.9	14.5	1	85	265	29	300	9207	1	-46.5	12.0	1	86	263	28	300	9277	1	-45.2	14.1	3	91	263	29	
500	5610	1	-19.4	19.9	1	82	270	18	500	5617	1	-19.3	20.5	1	80	265	18	500	5665	1	-17.7	19.5	2	85	267	19	
700	3025	1	-2.4	19.6	1	72	269	11	700	3032	1	-2.4	17.8	1	74	265	11	700	3061	1	-.9	19.4	2	82	269	13	
850	1461	1	4.9	10.9	1	62	279	8	850	1469	1	4.8	9.3	1	65	279	7	850	1489	1	6.9	10.9	2	70	282	7	
9999	* 69								9999	* 132									9999	* 213							

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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
<b>SW PACIFIC - AUSTRALIA</b> HOBART AIRPORT 94975 OCT 2002 4250S 14729E OB /									<b>SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)</b> LORD HOWE ISLAND AERO 94995 OCT 2002 3132S 15904E OB /									<b>SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)</b> NORFOLK ISLAND AERO 94996 OCT 2002 2902S 16756E OB /									
030	23850	1	-53.6	31.7	1	94	81	8	030	23763	4	-57.2	31.0	5	94	90	9	030	23768	2	-57.2	31.5	2	89	93	8	
050	20576	0	-54.5	31.3	0	10	62	1	050	20562	4	-61.3	29.9	5	47	94	2	050	20578	2	-62.6	29.9	2	10	17	1	
100	16148	0	-54.6	31.3	0	90	270	11	100	16330	3	-65.6	29.3	3	97	267	23	100	16396	2	-69.5	25.3	2	97	270	27	
150	13542	0	-52.9	31.4	0	92	264	19	150	13832	3	-58.9	29.6	2	97	269	38	150	13940	2	-61.9	26.0	2	96	274	49	
200	11684	0	-52.8	27.1	0	87	268	22	200	12004	3	-53.1	27.6	2	95	270	41	200	12121	2	-52.0	25.8	2	94	276	55	
300	9066	0	-48.1	14.3	0	68	272	19	300	9340	3	-42.4	20.0	2	91	265	29	300	9415	0	-39.2	23.3	0	95	275	37	
500	5512	0	-22.1	11.5	0	65	268	14	500	5706	3	-16.8	16.9	2	90	263	15	500	5742	0	-14.4	25.4	0	88	269	14	
700	2956	0	-5.9	14.5	1	77	272	13	700	3092	2	.7	21.6	3	74	265	8	700	3111	0	2.0	24.6	0	67	260	7	
850	1412	0	2.0	7.6	2	69	287	8	850	1511	2	8.2	12.2	4	49	285	4	850	1524	0	8.4	12.7	0	28	263	2	
9999	* 27								9999	* 6									9999	* 109							
<b>SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)</b> MACQUARIE ISLAND 94998 OCT 2002 5429S 15856E OB 3									<b>SW PACIFIC - BRUNEI DARUSSALAM</b> BRUNEI AIRPORT 96315 OCT 2002 0456N 11456E OB 3									<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> KUCHING 96413 OCT 2002 0129N 11020E OB 3									
030	23899	1	-48.3	33.0	4	31	300	3	030			-68.3	17.2	9	46	261	3	030	23733	1	-60.6	30.2	2	33	243	3	
050	20537	1	-48.2	32.6	4	72	277	6	050	20566		-68.3	17.2	9	46	261	3	050	20601	0	-67.9	23.8	1	92	268	10	
100	15989	0	-49.3	30.8	2	91	278	13	100	16550	8	-80.7	11.6	8	62	80	5	100	16580	0	-80.3	12.7	0	31	79	3	
150	13335	0	-49.9	30.3	1	88	274	15	150	14209	4	-68.6	10.6	5	93	80	14	150	14232	0	-68.3	11.3	0	94	79	14	
200	11458	0	-51.3	25.2	0	80	276	16	200	12425	4	-53.6	9.7	5	89	79	11	200	12448	0	-53.5	10.2	0	88	72	10	
300	8837	0	-49.7	13.1	1	66	280	16	300	9682	3	-30.6	9.8	4	87	92	6	300	9703	0	-30.4	10.5	0	84	78	6	
500	5333	0	-26.4	10.9	0	69	287	13	500	5857	3	-5.4	6.7	3	68	97	4	500	5874	0	-5.4	7.0	0	64	86	4	
700	2818	0	-10.0	11.3	0	68	288	11	700	3140	1	9.2	4.8	2	11	173	1	700	3156	0	9.5	5.8	0	15	129	1	
850	1297	0	-2.8	7.6	0	60	284	9	850	1502	1	17.9	4.4	2	54	239	3	850	1515	0	18.5	5.4	0	23	194	1	
9999	* 6								1005	* 15		26.4	2.3						9999	* 27							
<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> BINTULU 96441 OCT 2002 0312N 11302E OB 3									<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> KOTA KINABALU 96471 OCT 2002 0556N 11603E OB 3									<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> TAWAU 96481 OCT 2002 0416N 11753E OB 3									
030	23728	16	-59.9	27.2	9	44	245	4	030	23737	4	-59.5	30.6	6	20	107	2	030	23742	0	-59.9	30.5	0	3	248	0	
050	20598	14	-68.2	14.1	9	90	270	8	050	20599	0	-67.1	24.6	2	57	268	3	050	20605	0	-67.5	24.7	0	71	262	6	
100	16580	5	-80.7	11.1	5	55	81	5	100	16576	0	-80.8	13.1	0	76	81	6	100	16580	0	-80.1	13.4	0	71	83	7	
150	14235	4	-68.4	9.7	4	94	83	14	150	14236	0	-68.2	11.8	0	93	82	14	150	14235	0	-68.0	12.3	0	92	77	13	
200	12449	4	-53.2	8.2	4	84	84	10	200	12449	0	-53.4	11.1	0	90	81	11	200	12446	0	-53.2	13.0	0	87	74	10	
300	9702	3	-30.2	9.9	3	82	95	7	300	9704	0	-30.3	11.0	0	89	85	7	300	9701	0	-30.3	15.7	0	86	84	6	
500	5872	2	-4.9	6.1	2	63	79	4	500	5872	0	-4.9	8.3	0	66	95	4	500	5869	0	-5.0	10.8	0	71	84	4	
700	3151	1	9.8	5.2	1	23	175	1	700	3152	0	9.7	5.9	0	23	195	1	700	3149	0	9.6	5.9	0	10	177	1	
850	1508	0	18.9	5.6	0	61	250	2	850	1510	0	18.3	5.7	0	57	237	3	850	1507	0	19.0	6.7	0	41	207	2	
9999	* 5								9999	* 3									9999	* 20							

# UPPER AIR

# OCTOBER 2002

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	
SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 OCT 2002 1211S 09649E OB 3																											
030	23665	3	-58.9	27.2	4	62	240	4																			
050	20530	3	-68.7	18.7	4	81	271	5																			
100	16544	2	-81.4	12.8	2	29	349	2																			
150	14201	2	-68.1	12.1	2	76	340	8																			
200	12417	2	-53.8	14.8	2	81	300	8																			
300	9681	2	-31.3	20.2	2	70	260	5																			
500	5860	2	-6.0	27.2	2	11	55	1																			
700	3149	2	9.1	20.4	2	66	81	5																			
850	1519	2	16.3	9.7	2	94	90	8																			
9999	*	3																									

# 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
EUROPE - NORWAY BJORNOYA 01028 SEP 2002 7431N 01901E OB 3									EUROPE - NORWAY BODO 01152 SEP 2002 6715N 01424E OB 3									EUROPE - NORWAY ORLAND 01241 SEP 2002 6342N 00936E OB 3								
030	23844	0	-54.9	31.6	0	82	307	10	030	23881	0	-55.9	25.5	1	83	318	11	030	23915	1	-56.4	24.4	1	78	305	10
050	20571	0	-53.4	31.8	0	84	311	13	050	20637	0	-55.0	25.4	0	85	309	13	050	20668	1	-55.8	24.4	1	75	311	11
100	16081	0	-50.1	32.4	0	89	310	22	100	16189	0	-53.2	25.1	0	84	307	20	100	16246	1	-54.4	23.7	1	78	308	17
150	13428	0	-49.0	31.2	0	87	307	27	150	13574	0	-52.3	22.9	0	82	305	27	150	13653	0	-54.6	20.6	0	74	307	27
200	11542	0	-49.9	25.2	0	87	309	33	200	11715	0	-52.8	18.2	0	77	307	34	200	11814	0	-54.6	15.8	0	67	306	35
300	8915	0	-50.3	9.1	0	77	309	33	300	9081	0	-47.2	8.3	1	73	312	32	300	9187	0	-45.5	9.8	0	70	308	41
500	5405	0	-25.9	9.9	0	79	304	23	500	5524	0	-22.9	8.8	0	71	299	23	500	5595	0	-20.4	9.8	0	74	299	27
700	2896	0	-11.5	8.5	0	69	307	14	700	2979	0	-7.5	7.4	0	73	294	17	700	3027	0	-5.2	8.5	0	77	289	19
850	1387	0	-4.7	5.4	0	52	319	9	850	1444	0	.3	3.2	0	75	268	14	850	1481	0	2.2	3.3	0	79	278	17
1009	* 18		3.1	2.4					1011	* 33		9.2	3.4					1016	* 10		11.3	3.4				
EUROPE - NORWAY STAVANGER/SOLA 01415 SEP 2002 5852N 00540E OB 3									EUROPE - SWEDEN SUNDSVALL-HARNOSAND FPL 02365 SEP 2002 6232N 01727E OB 3									EUROPE - SWEDEN GOTEBORG/LANDVETTER 02527 SEP 2002 5740N 01218E OB 3								
030	23956	0	-55.4	27.4	0	73	308	8	030	23935	25	-54.2	31.8	9	81	333	4	030	23991							
050	20709	0	-55.9	26.5	0	71	314	8	050	20659	12	-55.8	30.9	9	71	308	5	050	20707	21	-55.7	28.6	9	41	270	3
100	16301	0	-56.2	24.5	0	62	317	12	100	16219	6	-54.3	30.6	6	73	314	7	100	16271	2	-55.8	25.6	4	60	309	5
150	13732	0	-57.2	19.5	0	53	315	17	150	13638	4	-54.2	26.7	4	68	310	11	150	13713	1	-56.5	19.2	1	54	321	8
200	11915	0	-57.7	12.1	0	48	317	22	200	11795	4	-54.3	18.6	4	64	313	14	200	11891	1	-57.5	12.2	1	46	330	10
300	9297	0	-44.1	9.7	0	45	315	22	300	9164	4	-46.1	11.0	4	66	310	16	300	9271	0	-44.8	9.7	0	51	334	12
500	5673	0	-17.7	11.4	0	48	306	16	500	5587	4	-21.3	10.1	4	67	302	10	500	5658	0	-18.5	11.3	0	53	320	8
700	3074	0	-1.8	13.8	0	51	305	12	700	3020	4	-5.1	10.3	4	66	304	7	700	3065	0	-2.9	11.1	0	39	301	4
850	1510	0	4.9	6.2	0	33	300	5	850	1471	4	3.0	6.9	4	64	313	6	850	1503	0	5.0	6.6	0	26	278	2
1015	* 14		14.2	4.1					999	* 6		11.1	5.4					1002	* 155		14.0	5.3				
EUROPE - FINLAND SODANKYLA 02836 SEP 2002 6722N 02639E OB 3									EUROPE - FINLAND JOKIOINEN 02963 SEP 2002 6049N 02330E OB 3									EUROPE - UNITED KINGDOM LERWICK 03005 SEP 2002 6008N 00111W OB 3								
030	23875	2	-55.4	30.8	2	74	308	4	030	24014	10	-54.1	32.4	9	65	303	3	030	23967	0	-56.0		0	65	315	4
050	20609	1	-54.6	31.6	1	84	317	6	050	20661	0	-55.5	31.1	0	82	291	5	050	20725	0	-56.2		0	56	305	4
100	16141	0	-52.0	32.6	0	85	310	11	100	16227	0	-54.0	30.5	0	78	291	7	100	16317	0	-56.4		0	57	303	6
150	13512	0	-50.9	31.9	0	82	310	13	150	13626	0	-54.2	26.6	0	72	296	9	150	13748	0	-57.1		0	55	296	9
200	11643	0	-51.6	26.5	0	78	311	15	200	11781	0	-53.9	19.0	0	63	300	11	200	11934	0	-57.7		0	50	297	13
300	9013	0	-48.6	8.5	0	62	315	13	300	9150	0	-46.4	11.1	0	60	303	12	300	9309	0	-43.6		0	51	292	12
500	5477	0	-24.0	7.7	0	67	312	10	500	5574	0	-21.4	11.0	0	67	301	9	500	5678	0	-17.0	13.1	0	52	284	9
700	2943	0	-8.6	7.8	0	66	314	7	700	3010	0	-5.3	11.0	0	70	307	7	700	3073	0	-1.3	13.7	0	47	273	6
850	1415	0	-.8	3.9	0	53	310	5	850	1463	0	2.2	5.6	0	61	307	5	850	1506	0	5.0	7.1	0	38	259	4
990	* 179		5.8	3.2					1003	* 103		11.0	5.4					1010	* 84		12.0	2.0				

# 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
<b>EUROPE - UNITED KINGDOM</b> CAMBORNE 03808 SEP 2002 5013N 00519W OB 3									<b>EUROPE - ICELAND</b> KEFLAVIKURFLUGVOLLUR 04018 SEP 2002 6358N 02236W OB 3									<b>EUROPE - GREENLAND</b> AASIAAT (EGEDESMINDE) 04220 SEP 2002 6842N 05251W OB 3								
030	24018	0	-54.2		0	57	279	4	030	23993	0	-55.1		0	81	275	5	030	23928	0	-54.6	30.1	0	71	247	5
050	20762	0	-56.0		0	35	283	2	050	20733	0	-54.9		0	73	258	5	050	20654	0	-53.2	30.7	0	68	240	4
100	16368	0	-57.6		0	29	304	2	100	16291	0	-53.5		0	78	253	8	100	16158	0	-49.7	32.1	0	68	222	6
150	13815	0	-58.5		0	16	313	2	150	13686	0	-53.3		0	72	246	12	150	13498	0	-48.6	32.0	0	64	218	7
200	12015	0	-59.1		0	20	39	4	200	11836	0	-54.1	18.2	0	68	243	18	200	11606	0	-49.0	27.0	0	60	211	9
300	9391	0	-42.7		0	10	80	2	300	9195	0	-43.8	9.1	0	68	234	20	300	8961	0	-47.8	9.8	0	45	194	10
500	5734	0	-14.9	16.5	0	5	150	1	500	5578	0	-18.7	10.4	0	64	227	12	500	5422	0	-24.3	9.7	0	59	170	7
700	3108	0	1.3	16.3	0	10	132	1	700	2995	0	-3.9	9.4	0	58	218	7	700	2892	0	-9.7	10.2	0	69	165	6
850	1525	0	7.6	11.3	0	26	120	2	850	1441	0	2.6	5.7	0	51	195	5	850	1372	0	-1.9	7.3	0	61	153	4
1010	* 88		14.9	4.1					1009	* 54		7.2	1.8					1003	* 41		4.3	3.9				
<b>EUROPE - GREENLAND</b> NARSARSUAQ 04270 SEP 2002 6109N 04526W OB 3									<b>EUROPE - GREENLAND</b> DANMARKSHAVN 04320 SEP 2002 7646N 01840W OB 3									<b>EUROPE - GREENLAND</b> ILLOQQORTOORMIUT (SCORESBYSU) 04339 SEP 2002 7029N 02157W OB 3								
030	23991	0	-54.0	32.3	1	65	259	4	030	23871	0	-55.1	28.8	0	55	314	4	030	23925	0	-55.6	28.7	0	82	280	6
050	20716	0	-53.7	32.2	1	64	244	5	050	20602	0	-53.6	29.5	0	67	304	5	050	20667	0	-54.7	29.1	0	89	275	7
100	16244	0	-51.7	32.6	1	72	231	8	100	16119	0	-50.6	31.0	0	89	280	9	100	16208	0	-52.3	30.1	0	88	262	9
150	13605	0	-50.1	32.1	1	71	230	13	150	13472	0	-49.7	30.4	0	78	278	11	150	13582	0	-51.8	28.7	0	83	254	11
200	11727	0	-49.9	26.4	1	63	227	16	200	11594	0	-51.2	24.5	0	81	278	13	200	11720	0	-53.0	20.8	0	78	253	14
300	9071	0	-44.1	11.4	0	51	227	16	300	8972	0	-49.2	8.0	0	69	278	14	300	9093	0	-47.2	8.2	0	64	253	13
500	5475	0	-20.9	10.9	0	42	216	8	500	5442	0	-24.3	9.0	0	70	285	9	500	5526	0	-21.7	9.7	0	47	246	6
700	2918	0	-6.9	9.7	0	30	177	4	700	2916	0	-10.0	9.1	0	42	302	4	700	2966	0	-6.7	8.9	1	69	246	6
850	1382	0	.3	6.6	0	48	110	3	850	1402	0	-4.7	7.5	0	32	340	2	850	1430	0	-.2	9.0	5	45	259	5
1007	* 4		6.9	6.2					1013	* 12		-.9	3.7					1006	* 69		2.9	1.7				
<b>EUROPE - GREENLAND</b> TASIILAQ (AMASSALIK) 04360 SEP 2002 6536N 03738W OB 3									<b>EUROPE - SWITZERLAND</b> PAYERNE 06610 SEP 2002 4649N 00657E OB 3									<b>EUROPE - FRANCE</b> NANCY/ESSEY 07180 SEP 2002 4841N 00613E OB 3								
030	23957	0	-54.8	30.3	0	73	259	4	030	24023	0	-52.5		0	69	251	5	030								
050	20693	0	-54.1	30.6	0	76	244	5	050	20752	0	-55.9		0	62	258	4	050	20766	4	-55.6		4	58	278	4
100	16224	0	-51.6	31.7	0	81	234	9	100	16354	0	-56.5		0	68	288	5	100	16353	0	-56.4		0	53	302	4
150	13587	0	-50.4	30.5	0	75	229	11	150	13785	0	-56.5		0	58	308	6	150	13782	0	-56.5		0	50	332	6
200	11711	0	-50.7	24.2	0	70	225	13	200	11968	0	-57.6	11.8	0	46	318	7	200	11966	0	-57.6		0	34	347	6
300	9052	0	-45.5	11.7	0	56	211	12	300	9343	0	-43.4	12.8	0	34	334	6	300	9340	0	-43.2		0	36	1	7
500	5487	0	-22.6	8.7	0	52	190	8	500	5703	0	-16.1	14.3	0	35	352	4	500	5704	0	-16.4	13.5	0	30	8	4
700	2942	0	-8.1	5.8	0	52	160	5	700	3089	0	-.4	9.0	0	12	10	1	700	3090	0	-.1	11.4	0	29	15	3
850	1413	0	-1.4	4.0	0	52	95	5	850	1510	0	8.1	6.1	0	12	49	1	850	1514	0	7.2	5.4	0	40	50	3
1006	* 52		4.9	2.8					960	* 491		13.6	3.7					994	* 217		12.1	2.6				



# 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
<b>EUROPE - FRANCE</b> NIMES/COUREBESSAC 07645 SEP 2002 4352N 00424E OB 3									<b>EUROPE - FRANCE</b> AJACCIO 07761 SEP 2002 4155N 00848E OB 3									<b>EUROPE - SPAIN</b> LA CORUNA 08001 SEP 2002 4322N 00825W OB 3									
030	24022	7	-52.4		9	47	245	4	030	24053	8	-51.9							030	24029	18	-52.7	31.6	9	17	115	1
050	20768	2	-56.2		4	69	282	5	050	20775	4	-55.4							050	20766	11	-56.6	30.1	9	13	292	1
100	16379	2	-57.5		3	90	294	10	100	16387	1	-56.9			8	81	277	9	100	16377	6	-58.1	29.2	9	75	266	6
150	13820	2	-58.1		3	84	296	11	150	13828	1	-57.3			8	90	281	14	150	13829	5	-58.4	23.4	7	70	252	8
200	12015	2	-57.7		3	72	304	13	200	12020	1	-58.6			3	90	286	19	200	12025	5	-59.2	10.6	8	56	245	9
300	9381	2	-42.5		2	67	310	11	300	9389	1	-42.2			3	82	287	14	300	9398	4	-42.1	10.4	9	41	242	6
500	5725	2	-15.0	14.8	2	58	310	7	500	5729	1	-14.4	17.8	2	79	284	10	500	5735	3	-14.2	16.7	9	40	230	4	
700	3095	1	1.6	11.1	1	42	312	4	700	3096	1	1.3	10.6	2	72	290	7	700	3099	3	2.1	15.0	9	36	191	3	
850	1505	1	9.9	6.1	1	50	12	5	850	1504	1	11.3	6.0	1	56	279	3	850	1506	3	10.4	5.8	9	44	207	3	
1009	* 62		16.7	4.6					1014	* 9		23.6	7.2						1008	* 67		19.3	4.5				
<b>EUROPE - SPAIN</b> SANTANDER 08023 SEP 2002 4328N 00348W OB 3									<b>EUROPE - SPAIN</b> MADRID/BARAJAS 08221 SEP 2002 4030N 00335W OB 3									<b>EUROPE - SPAIN</b> PALMA DE MALLORCA 08301 SEP 2002 3933N 00237E OB 3									
030	24042	5	-52.6		5	33	257	2	030	24060	1	-52.3	32.9	2	18	98	1	030	24054	3	-52.1		3	61	112	4	
050	20775	0	-56.4		0	53	265	3	050	20793	1	-56.6	31.6	1	15	282	1	050	20880	0	-54.2		0	9	234	1	
100	16393	0	-58.1		0	80	276	6	100	16431	0	-59.2	30.4	0	90	266	9	100	16424	0	-59.0		0	89	277	11	
150	13846	0	-58.9		0	74	275	9	150	13895	0	-59.8	23.8	0	90	270	15	150	13890	0	-59.4		0	94	280	20	
200	12049	0	-59.5		0	66	273	11	200	12102	0	-59.6	12.8	0	84	266	18	200	12100	0	-58.9		0	91	282	21	
300	9421	0	-41.8	13.0	0	68	271	10	300	9467	0	-40.7	12.9	0	82	266	14	300	9459	0	-39.3	13.6	0	83	278	17	
500	5751	0	-14.0	18.9	0	48	264	5	500	5780	0	-12.7	16.9	0	79	261	8	500	5777	0	-12.4	18.6	0	87	276	12	
700	3113	0	2.3	15.9	0	34	256	2	700	3132	0	3.3	13.5	0	75	243	6	700	3128	0	3.2	15.6	0	83	278	9	
850	1518	0	11.0	10.7	0	20	208	1	850	1528	0	13.6	10.1	0	60	225	3	850	1524	0	12.7	9.7	0	59	274	3	
1011	* 59		18.3	3.3					944	* 633		20.8	10.6						1015	* 6		23.3	5.7				
<b>EUROPE - SPAIN</b> MURCIA 08430 SEP 2002 3800N 00110W OB 3									<b>EUROPE - GIBRALTAR</b> GIBRALTAR 08495 SEP 2002 3609N 00520W OB 3									<b>EUROPE - PORTUGAL</b> LAJES/SANTA RITA (ACORES) 08508 SEP 2002 3844N 02704W OB 3									
030	24059	24	-52.5	33.9	9	85	110	5	030	24044	2	-53.1	30.6	2	94	96	8	030	24059	2	-49.1						
050	20790	13	-57.1	31.1	9	15	139	1	050	20788	0	-57.8	27.2	0	57	100	3	050	20791	1	-52.9						
100	16455	3	-61.1	28.0	6	89	273	10	100	16482	0	-62.3	18.1	0	92	262	12	100	16437	0	-67.7						
150	13941	1	-60.7	23.0	2	94	273	20	150	13981	0	-61.9	12.0	0	96	264	24	150	13916	0	-61.9						
200	12151	1	-59.2	14.5	1	92	274	23	200	12196	0	-58.7	9.1	0	94	264	27	200	12119	0	-53.9			8	75	313	9
300	9508	1	-40.0	15.8	1	89	271	18	300	9540	0	-38.6	11.4	0	92	261	21	300	9470	0	-36.7	13.3	8	70	299	7	
500	5810	0	-12.0	19.9	2	89	264	12	500	5822	0	-10.7	16.9	0	93	256	15	500	5759	0	-9.8	16.0	8	68	295	5	
700	3153	0	4.3	12.8	0	83	259	7	700	3152	0	5.7	14.5	0	90	245	10	700	3105	0	3.9	11.9	8	69	293	4	
850	1540	0	15.2	11.5	0	64	250	4	850	1535	0	15.0	11.6	0	66	232	5	850	1501	0	11.0	7.8	8	54	298	3	
1009	* 62		24.6	8.1					1016	* 4		21.6	5.1						1001	* 113		20.6	7.0				

# 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
<b>EUROPE - PORTUGAL</b> LISBOA/GAGO COUTINHO 08579 SEP 2002 3846N 00908W OB 3									<b>EUROPE - GERMANY</b> SCHLESWIG 10035 SEP 2002 5432N 00933E OB 3									<b>EUROPE - GERMANY</b> GREIFSWALD 10184 SEP 2002 5406N 01324E OB 3								
030	24062	0	-52.8	32.2	0	51	102	2	030	23994	0	-54.1		0	77	270	5	030	23976	0	-54.2		0	79	265	6
050	20800	0	-56.8	31.0	0	15	127	1	050	20734	0	-56.0		0	57	289	3	050	20716	0	-55.9		0	63	281	4
100	16447	0	-59.8	27.9	0	91	258	5	100	16324	0	-56.3	30.8	0	49	322	4	100	16304	0	-56.1	31.3	0	49	313	4
150	13917	0	-59.4	21.5	0	93	257	9	150	13755	0	-57.0	24.6	0	45	335	6	150	13730	0	-56.2	27.3	0	44	338	6
200	12119	0	-59.1	11.6	0	89	255	11	200	11939	0	-58.0	14.5	0	41	353	9	200	11908	0	-57.4	15.7	0	43	354	9
300	9477	0	-40.1	11.4	0	81	255	8	300	9320	0	-44.3	11.1	0	45	353	10	300	9287	0	-44.9	11.2	0	46	353	9
500	5778	0	-12.1	15.3	0	82	244	5	500	5692	0	-17.4	15.1	0	39	352	6	500	5671	0	-17.9	15.1	0	41	349	6
700	3121	0	4.3	14.2	0	79	233	4	700	3088	0	-1.4	17.1	0	33	342	3	700	3073	0	-2.1	15.8	0	34	355	3
850	1516	0	12.4	7.8	0	60	218	3	850	1519	0	5.8	7.6	0	24	335	2	850	1509	0	5.4	6.9	0	21	343	2
1004	* 105		20.2	3.9					1014	* 48		15.1	4.0					1018	* 6		15.6	4.2				
<b>EUROPE - GERMANY</b> LINDENBERG 10393 SEP 2002 5213N 01407E OB 3									<b>EUROPE - GERMANY</b> ESSEN 10410 SEP 2002 5124N 00658E OB 3									<b>EUROPE - GERMANY</b> MEININGEN 10548 SEP 2002 5034N 01023E OB 3								
030	24003	0	-53.5		0	86	260	7	030	23999	0	-53.8	29.2	0	68	272	5	030	24019	0	-53.4		0	82	264	6
050	20736	0	-55.6		0	66	260	4	050	20735	0	-56.0	28.3	0	49	278	3	050	20749	0	-55.6		0	65	268	4
100	16318	0	-55.6	30.9	0	47	295	4	100	16330	0	-56.7	26.7	0	47	326	4	100	16336	0	-56.3	29.0	0	53	310	4
150	13739	0	-55.6	23.8	0	42	337	5	150	13763	0	-57.0	21.2	0	40	344	5	150	13764	0	-56.0	23.5	0	44	334	5
200	11912	0	-57.3	13.0	0	43	357	8	200	11947	0	-58.1	12.5	0	39	5	8	200	11941	0	-57.5	14.2	0	39	4	7
300	9292	0	-44.7	9.5	0	38	356	8	300	9328	0	-44.1	10.1	0	40	11	9	300	9320	0	-44.5	10.8	0	33	6	6
500	5675	0	-17.9	14.8	0	44	356	5	500	5696	0	-16.9	14.9	0	37	7	5	500	5693	0	-17.1	14.5	0	35	6	4
700	3075	0	-2.1	13.2	0	35	357	3	700	3087	0	-.9	14.0	0	33	3	3	700	3087	0	-1.2	14.9	0	26	12	2
850	1510	0	5.6	5.7	0	20	17	1	850	1517	0	5.5	6.1	0	25	35	2	850	1518	0	5.9	5.5	0	30	37	2
1005	* 104		15.2	5.4					1002	* 153		14.6	4.9					967	* 453		12.6	3.7				
<b>EUROPE - GERMANY</b> STUTTART/SCHNARRENBERG 10739 SEP 2002 4850N 00912E OB 3									<b>EUROPE - GERMANY</b> MUENCHEN-OBERSCHLEISSHEIM 10868 SEP 2002 4815N 01133E OB 3									<b>EUROPE - AUSTRIA</b> WIEN/HOHE WARTE 11035 SEP 2002 4814N 01621E OB 3								
030	24013	0	-52.6	30.2	0	70	260	6	030	24031	0	-52.3		0	77	250	6	030	24028	11	-52.6		9	87	246	7
050	20759	0	-55.6	29.0	0	58	266	4	050	20754	0	-55.7		0	65	261	4	050	20754	8	-55.1		8	73	250	5
100	16348	0	-56.2	27.3	0	59	302	5	100	16341	0	-55.9	28.0	0	63	293	5	100	16330	6	-55.2		6	67	273	5
150	13774	0	-56.1	22.3	0	48	329	6	150	13763	0	-55.8	23.4	0	51	321	6	150	13747	5	-55.0		5	45	294	5
200	11951	0	-57.2	13.2	0	40	353	7	200	11936	0	-57.1	14.1	0	42	344	7	200	11913	5	-56.6		5	35	316	6
300	9328	0	-44.2	10.3	0	34	8	6	300	9314	0	-44.5	10.9	0	38	352	6	300	9291	5	-44.4		5	26	329	5
500	5696	0	-16.8	11.8	0	32	10	4	500	5686	0	-17.1	13.6	0	37	357	4	500	5672	0	-17.5	13.4	0	28	323	3
700	3087	0	-1.1	10.8	0	29	357	3	700	3080	0	-1.5	10.2	0	35	333	3	700	3073	0	-2.0	7.8	0	33	319	3
850	1516	0	6.3	4.5	0	24	57	2	850	1509	0	6.7	5.0	0	20	346	1	850	1503	0	6.8	4.6	0	41	308	4
981	* 315		14.0	5.4					962	* 489		12.5	3.3					993	* 200		15.5	5.2				

# UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - YUGOSLAVIA</b> BEOGRAD/KOSUTNJAK 13275 SEP 2002 4446N 02025E OB 1									<b>EUROPE - BULGARIA</b> SOFIA (OBSERV.) 15614 SEP 2002 4239N 02323E OB 0									<b>EUROPE - ITALY</b> MILANO/LINATE 16080 SEP 2002 4526N 00917E OB 3								
030									030	24052	14	-52.3	27.7	9	29	153	3	030	24041	1	-52.1	26.8	1	69	239	6
050	20782	3	-55.1		3	68	237	5	050	20793	3	-55.8	26.5	4	74	208	8	050	20765	0	-55.3	25.6	0	61	246	4
100	16368	0	-54.9		0	85	250	8	100	16384	0	-55.9	26.5	0	88	242	18	100	16357	0	-55.9	24.5	0	75	280	6
150	13774	0	-54.4		2	77	262	9	150	13804	0	-55.6	24.3	1	92	250	26	150	13784	0	-56.2	22.6	0	68	298	8
200	11938	0	-56.0		3	70	273	10	200	11977	0	-57.0	15.0	0	87	251	35	200	11962	0	-57.2	13.0	0	54	311	8
300	9309	0	-44.2		0	59	267	10	300	9349	0	-43.1	12.0	0	84	252	31	300	9333	0	-43.3	10.8	0	45	318	7
500	5680	0	-16.7	8.8	0	50	270	5	500	5702	0	-15.7	12.3	0	78	254	16	500	5694	0	-16.1	10.1	0	40	328	4
700	3072	0	-1.5	6.1	0	19	291	2	700	3085	0	.1	7.7	0	60	262	10	700	3080	0	-.4	5.3	0	21	5	1
850	1496	0	8.7	5.4	0	0	277	1	850	1499	0	10.5	6.3	0	29	279	3	850	1497	0	9.5	3.9	0	19	86	1
991	* 203		15.3	4.4					947	* 595		19.5	10.5					1002	* 103		19.2	4.7				
<b>EUROPE - ITALY</b> PRATICA DI MARE 16245 SEP 2002 4139N 01226E OB 3									<b>EUROPE - ITALY</b> BRINDISI 16320 SEP 2002 4039N 01757E OB 3									<b>EUROPE - ITALY</b> TRAPANI/BIRGI 16429 SEP 2002 3755N 01230E OB 3								
030	23997	0	-53.3	28.6	0	50	178	3	030	24194	1	-51.8	32.3	1	94	90	9	030	24030	3	-53.4	31.8	4	87	95	5
050	20734	0	-55.8	27.7	0	48	213	3	050	20923	1	-56.6	30.3	1	84	99	5	050	20779	3	-57.4	30.6	4	38	141	2
100	16351	0	-57.2	26.2	0	85	265	9	100	16567	1	-59.4	27.2	1	89	260	8	100	16422	1	-58.8	28.0	2	95	263	13
150	13788	0	-57.3	23.2	0	88	275	13	150	14016	0	-56.0	26.2	0	94	263	17	150	13882	1	-58.9	23.0	2	97	280	20
200	11972	0	-57.9	13.3	0	85	285	16	200	12177	0	-53.4	17.7	0	91	270	20	200	12085	0	-58.8	10.5	1	95	284	25
300	9345	0	-43.0	11.3	0	81	287	17	300	9503	0	-38.8	13.0	0	83	278	17	300	9447	0	-41.0	11.1	1	93	286	21
500	5700	0	-15.8	14.5	0	78	290	10	500	5789	0	-11.1	15.2	0	82	280	12	500	5767	0	-13.3	14.2	1	93	289	14
700	3082	0	.3	9.1	0	65	286	5	700	3126	0	4.7	7.8	0	70	290	6	700	3123	0	3.2	12.2	1	93	292	10
850	1496	0	10.0	5.3	1	46	235	2	850	1511	0	15.7	7.9	0	51	297	3	850	1519	0	13.4	10.2	2	79	295	6
1010	* 32		21.1	6.3					1012	* 10		26.3	7.0					1014	* 14		21.4	2.7				
<b>EUROPE - ITALY</b> CAGLIARI/ELMAS 16560 SEP 2002 3915N 00904E OB /									<b>EUROPE - CYPRUS</b> ATHALASSA 17607 SEP 2002 3509N 03324E OB 2									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> MURMANSK 22113 SEP 2002 6859N 03307E OB 3								
030	24075	4	-52.6	31.2	4	78	118	5	030									030	23876	6	-55.2	27.5	6	84	305	5
050	20806	4	-56.6	30.0	4	42	176	3	050	20799	7	-59.5	30.7	0	88	102	6	050	20605	5	-53.7	27.8	5	91	301	6
100	16435	4	-58.5	28.1	4	94	271	12	100	16541	0	-65.5	27.7	0	96	233	15	100	16117	2	-51.1	28.0	3	87	307	9
150	13892	4	-58.8	22.5	4	95	283	20	150	14052	0	-59.9	26.5	0	97	235	28	150	13472	1	-49.6	27.1	1	86	307	13
200	12094	4	-59.0	10.5	4	94	279	23	200	12230	0	-53.6	22.2	0	94	235	27	200	11590	1	-50.1	23.1	1	79	310	15
300	9457	4	-40.9	11.7	4	93	280	21	300	9548	0	-38.5	19.8	0	94	243	20	300	8961	0	-50.0	8.4	0	63	312	14
500	5773	4	-13.0	16.4	4	94	282	13	500	5827	0	-10.2	22.5	0	93	247	12	500	5438	0	-24.9	9.6	0	65	306	10
700	3124	4	4.0	12.3	4	90	285	10	700	3149	0	6.9	20.4	0	81	259	6	700	2912	0	-9.7	7.8	0	67	311	8
850	1516	4	13.9	9.9	4	74	288	5	850	1525	0	17.5	12.9	0	56	275	3	850	1392	0	-2.7	4.6	0	59	320	5
1014	* 5		23.7	4.9					994	* 161		31.9	18.0					996	* 121		3.9	2.2				

# UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps	
<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>ARHANGEL'SK</b> 22550 SEP 2002 6437N 04030E OB 3									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>ST. PETERBURG (VOEJKOVO)</b> 26063 SEP 2002 5957N 03042E OB 3									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>VOLOGDA</b> 27037 SEP 2002 5919N 03955E OB 3									
030	23943	5	-54.5	12.5	5	89	279	5	030	23940	2	-54.9	24.0	3	89	269	7	030									
050	20672	5	-53.8	11.5	5	83	297	6	050	20680	1	-54.9	23.4	1	88	275	6	050									
100	16204	4	-51.9	10.2	4	89	296	10	100	16246	0	-53.8	22.9	0	87	280	9	100	16236	13	-53.7	10.3	9	92	274	12	
150	13570	4	-50.8	8.8	4	85	294	13	150	13638	0	-53.3	19.9	0	76	287	10	150	13650	8	-54.1	7.7	8	86	276	15	
200	11699	4	-51.2	7.0	4	80	295	17	200	11787	0	-53.0	14.7	0	63	294	12	200	11808	7	-55.2	6.0	7	77	273	17	
300	9061	4	-46.9	5.5	4	62	293	16	300	9150	0	-46.3	9.8	0	59	286	13	300	9181	5	-43.8	6.0	5	73	272	17	
500	5496	4	-22.2	6.6	4	66	293	11	500	5576	0	-20.9	10.6	0	66	285	10	500	5563	3	-19.2	7.9	3	75	280	12	
700	2943	4	-7.0	6.2	4	70	299	8	700	3008	0	-5.0	10.9	0	73	289	7	700	2979	2	-4.5	7.8	2	69	288	8	
850	1407	4	-2	2.6	4	60	296	6	850	1460	0	2.4	6.7	0	61	297	5	850	1434	2	2.5	4.4	2	50	287	4	
1010	* 4		7.8	3.1					1005	* 78		10.9	5.2					998	* 126		7.1	2.0					
<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>KAZAN'</b> 27595 SEP 2002 5536N 04917E OB 3									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>MOSKVA (DOLGOPRUDNYJ)</b> 27612 SEP 2002 5545N 03757E OB 0									<b>EUROPE - ISRAEL</b> <b>BET DAGAN</b> 40179 SEP 2002 3200N 03449E OB 3									
030									030	23995	6	-53.2	14.7	6	97	259	12	030									
050	20801	17	-55.5	8.8	9	96	285	9	050	20719	3	-54.4	13.7	3	97	264	11	050	20790	7	-61.0						
100	16391	15	-55.3	7.1	9	94	283	14	100	16298	0	-54.0	11.6	0	95	265	11	100	16593	0	-70.1		2	98	222	16	
150	13799	13	-56.2	5.2	9	88	282	16	150	13694	0	-53.9	9.5	0	83	260	12	150	14148	0	-62.2		0	99	229	29	
200	11983	13	-58.1	4.0	9	75	283	18	200	11849	0	-54.4	7.1	0	68	259	13	200	12333	0	-52.7		0	99	231	30	
300	9354	13	-42.7	4.8	9	77	281	18	300	9222	0	-44.7	6.1	0	64	259	13	300	9621	0	-35.6	16.8	0	98	234	24	
500	5701	13	-15.6	6.3	9	78	274	14	500	5610	0	-18.1	8.3	0	62	268	8	500	5867	0	-8.2	22.3	0	96	236	12	
700	3083	13	-1.0	8.1	9	72	275	9	700	3023	0	-2.8	8.4	0	51	286	5	700	3167	0	9.5	20.2	0	82	236	6	
850	1511	13	7.0	8.5	9	65	281	6	850	1467	0	4.6	5.4	0	37	311	3	850	1529	0	18.8	14.3	0	56	305	3	
1004	* 116		11.5	5.8					992	* 200		11.9	5.7					1009	* 35		27.1	8.1					
<b>EUROPE - JORDAN</b> <b>MAFRAQ</b> 40265 SEP 2002 3222N 03615E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OSTROV DIKSON</b> 20674 SEP 2002 7330N 08024E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>NAR'JAN-MAR</b> 23205 SEP 2002 6738N 05302E OB 3									
030									030	23880	23	-51.0		9	85	290	4	030	23862	4	-54.0	24.5	6	91	291	6	
050									050	20501	17	-50.8		9	93	287	4	050	20573	4	-52.9	24.5	4	93	302	8	
100	16600	3	-70.6		3	95	219	15	100	15893	6	-47.8		6	88	288	6	100	16077	4	-50.2	24.0	4	91	302	12	
150	14154	1	-62.5		1	97	236	27	150	13251	5	-46.5		5	85	289	8	150	13421	4	-48.7	24.0	5	92	298	14	
200	12342	1	-53.0		1	98	240	30	200	11346	4	-46.4		4	82	285	10	200	11530	4	-49.4	19.5	4	90	300	17	
300	9629	1	-35.7		1	98	244	25	300	8694	2	-53.1		2	62	292	11	300	8903	4	-50.2	7.0	4	82	307	16	
500	5873	1	-8.3		1	97	242	13	500	5259	1	-31.5	6.0	1	59	294	9	500	5393	4	-26.3	7.3	4	83	304	11	
700	3172	1	10.2	29.6	1	90	230	8	700	2802	1	-16.8	5.5	1	65	303	7	700	2885	4	-11.5	7.6	4	67	302	6	
850	1528	20	22.0		1	86	297	6	850	1321	1	-8.6	3.1	1	67	303	6	850	1377	4	-4.8	3.6	4	53	317	4	
938	* 687		19.1	6.7					999	* 47		.0	4.1					1009	* 12		1.3	2.0					

# 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
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> SALEHARD 23330 SEP 2002 6632N 06640E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> TURUHANSK 23472 SEP 2002 6547N 08756E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> SYKTYVKAR 23804 SEP 2002 6140N 05051E OB 3								
030									030	23844	8	-52.8	12.0	9	95	267	8	030	23923	2	-54.1	20.2	2	94	271	9
050	20528	22	-52.5	12.5	9	96	283	8	050	20532	5	-52.1	11.4	5	96	275	8	050	20649	1	-54.1	19.9	1	91	275	9
100	16015	20	-50.7	11.3	9	94	282	11	100	16019	2	-49.9	9.9	2	95	275	11	100	16177	1	-52.1	19.9	1	91	278	13
150	13354	19	-49.5	9.1	9	94	283	14	150	13374	2	-49.0	8.2	2	93	271	14	150	13553	1	-51.3	18.5	1	91	280	17
200	11486	18	-49.6	6.8	9	89	278	14	200	11485	2	-49.6	6.2	2	92	272	18	200	11687	1	-52.2	14.2	1	88	281	22
300	8854	13	-50.7	4.9	9	74	275	13	300	8858	2	-50.7	4.3	2	80	271	19	300	9061	0	-47.2	7.5	1	79	282	24
500	5364	10	-26.8	7.8	9	78	289	9	500	5357	2	-27.0	6.4	2	80	275	13	500	5501	0	-22.4	8.4	0	78	279	15
700	2867	8	-13.1	7.9	8	68	299	6	700	2857	2	-13.0	6.8	2	69	273	7	700	2949	0	-6.9	7.4	0	78	283	9
850	1374	4	-6.3	3.5	5	48	290	4	850	1357	3	-6.4	2.6	2	50	275	4	850	1413	0	.4	3.2	0	69	284	7
1009	* 16		2.0	3.0					1003	* 38		1.6	4.3					997	* 116		7.9	3.5				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> OLENEK 24125 SEP 2002 6830N 11226E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> VERHOJANSK 24266 SEP 2002 6734N 13324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> TURA 24507 SEP 2002 6416N 10014E OB 3								
030	23822	1	-51.3	13.1	1	92	243	6	030	23888	4	-50.7	14.3	4	93	231	9	030	23935	11	-50.0	14.4	9	96	256	7
050	20480	1	-51.1	12.3	1	94	245	7	050	20560	2	-50.2	13.5	2	93	231	9	050	20604	8	-50.7	13.3	9	93	259	8
100	15965	0	-49.0	10.7	0	93	257	9	100	16033	1	-49.3	11.4	1	92	238	9	100	16070	7	-49.4	11.5	7	94	264	11
150	13301	0	-48.3	8.9	0	93	261	11	150	13374	1	-49.1	9.4	1	91	247	10	150	13414	5	-48.9	9.5	6	90	265	14
200	11410	0	-48.9	6.8	0	90	261	14	200	11499	1	-51.9	7.1	1	87	251	14	200	11530	5	-50.8	7.2	5	90	266	19
300	8791	0	-50.8	4.7	0	76	258	17	300	8886	0	-49.7	5.5	0	69	254	15	300	8913	5	-50.0	5.5	5	83	264	22
500	5305	0	-27.8	5.7	0	80	257	12	500	5377	0	-25.7	7.1	0	78	254	10	500	5394	4	-26.0	6.9	4	84	269	16
700	2820	0	-13.9	5.7	0	60	259	6	700	2869	0	-11.0	6.5	0	80	246	6	700	2878	4	-10.5	5.2	5	87	267	12
850	1329	0	-7.4	3.3	1	49	260	5	850	1361	0	-3.3	4.9	0	68	236	4	850	1364	5	-4.0	2.4	5	78	261	9
981	* 220		-1.0	4.1					991	* 138		.4	5.1					986	* 168		.7	2.9				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> JAKUTSK 24959 SEP 2002 6201N 12943E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> SEUMCHAN 25703 SEP 2002 6255N 15225E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> KORF 25954 SEP 2002 6021N 16600E OB 3								
030	23926	2	-50.2	13.0	2	94	247	8	030	23982	6	-50.8	13.7	7	91	256	7	030	24017	24	-51.1	13.5	9	58	266	2
050	20603	1	-50.5	12.3	1	94	247	9	050	20655	2	-50.9	12.6	2	88	247	7	050	20688	24	-50.7	12.8	9	98	221	5
100	16089	1	-50.1	10.6	1	91	261	10	100	16142	0	-49.7	10.9	1	86	249	8	100	16143	23	-48.2	11.7	9	94	214	8
150	13442	0	-50.4	8.9	0	87	266	10	150	13506	0	-49.9	8.6	0	79	257	8	150	13458	21	-47.1	11.3	9	81	221	8
200	11578	0	-53.3	7.1	0	78	267	12	200	11616	0	-52.8	6.3	0	70	264	8	200	11541	20	-46.7	8.8	9	68	212	6
300	8974	1	-49.8	5.7	0	66	265	14	300	9007	0	-49.1	5.4	0	37	273	6	300	8879	20	-49.4	5.5	9	38	193	5
500	5450	0	-23.9	7.0	0	70	267	10	500	5459	0	-23.3	8.7	0	42	295	5	500	5381	20	-27.5	3.6	9	22	283	2
700	2921	0	-8.5	6.4	0	77	276	7	700	2919	0	-7.8	6.3	2	36	302	3	700	2876	20	-10.8	3.8	9	26	296	2
850	1397	0	-.6	5.6	0	71	271	6	850	1384	2	1.4	6.1	2	34	344	2	850	1358	20	-2.2	2.5	9	22	10	2
997	* 101		5.6	5.3					982	* 205		4.6	4.5					1004	* 4		6.0	3.5				

# 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
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OMSK</b> 28698 SEP 2002 5456N 07324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KOLPASEVO</b> 29231 SEP 2002 5819N 08254E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KIRENSK</b> 30230 SEP 2002 5746N 10804E OB 0									
030	24012	0	-52.6	11.4	0	97	282	11	030	24030	12	-52.1	13.0	9	96	273	8	030	23976	1	-50.9	13.2	1	94	256	10	
050	20748	0	-54.0	10.5	0	97	283	11	050	20724	8	-52.5	12.0	9	94	276	10	050	20669	0	-52.3	11.9	0	93	264	10	
100	16307	0	-54.0	8.9	0	96	281	16	100	16234	7	-52.0	10.3	7	94	276	14	100	16184	0	-52.1	10.1	0	92	273	13	
150	13706	0	-54.6	7.2	0	92	281	19	150	13605	6	-52.1	8.3	6	89	278	18	150	13563	0	-52.4	8.0	0	90	276	16	
200	11876	0	-56.9	5.9	0	86	283	23	200	11749	6	-54.4	6.2	6	84	278	23	200	11712	0	-55.4	5.9	0	83	279	18	
300	9255	0	-44.6	6.5	0	81	281	23	300	9121	5	-45.5	6.4	5	82	273	26	300	9109	0	-47.5	5.7	0	70	275	17	
500	5637	0	-18.1	9.6	0	87	277	17	500	5527	4	-21.0	9.0	4	85	273	18	500	5547	0	-22.0	7.9	0	83	278	14	
700	3043	0	-2.6	10.1	0	87	276	13	700	2966	3	-6.3	8.9	3	85	272	13	700	2997	0	-7.3	6.7	0	88	274	11	
850	1479	0	5.7	9.7	0	84	270	9	850	1426	3	.8	5.3	3	76	273	10	850	1460	0	1.4	4.9	0	81	261	8	
1005	* 90		12.5	8.4					1003	* 75		6.3	2.3						985	* 259		7.2	3.8				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>CHITA</b> 30758 SEP 2002 5205N 11329E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ALDAN</b> 31004 SEP 2002 5837N 12522E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OHOTSK</b> 31088 SEP 2002 5922N 14312E OB 3									
030	24095	6	-50.3		9	83	254	4	030	23953	4	-49.9	13.4	4	94	249	7	030	24042	4	-50.0	12.2	4	94	247	8	
050	20763	1	-52.9		1	93	268	7	050	20641	0	-51.1	12.3	0	94	251	8	050	20705	1	-51.0	11.2	1	91	253	8	
100	16302	0	-54.0		0	93	279	15	100	16142	0	-51.0	10.7	0	87	265	10	100	16185	1	-50.1	9.7	1	89	259	8	
150	13694	0	-53.4		0	91	281	19	150	13508	0	-51.3	8.6	0	85	274	12	150	13537	1	-50.5	7.9	1	85	265	10	
200	11850	0	-55.4		0	84	281	19	200	11651	0	-54.6	6.6	0	77	282	13	200	11667	0	-53.0	6.1	0	71	276	9	
300	9227	0	-45.7	9.3	0	68	283	14	300	9052	0	-48.5	6.1	0	64	278	14	300	9055	0	-48.1	5.5	0	63	289	12	
500	5631	0	-19.7	9.3	0	73	287	10	500	5511	0	-22.6	7.2	0	69	280	10	500	5496	0	-22.2	7.6	0	46	294	6	
700	3050	0	-3.2	8.1	0	73	299	7	700	2969	0	-7.1	6.2	0	70	285	7	700	2940	0	-5.8	6.3	0	38	338	3	
850	1480	0	7.7	11.5	0	61	295	5	850	1436	0	1.0	4.7	0	71	274	6	850	1391	0	3.8	6.1	0	37	353	3	
938	* 671		8.5	7.5					933	* 79		4.6	4.5					1005	* 6		10.5	4.5					
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>BLAGOVESCENSK</b> 31510 SEP 2002 5032N 12730E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JUZHNO-SAHALINSK</b> 32150 SEP 2002 4657N 14243E OB 1									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>PETROPAVLOVSK- KAMCATSKIJ</b> 32540 SEP 2002 5305N 15835E OB 3									
030	24125	11	-50.2	11.1	9	83	235	4	030									030	24063	16	-52.5	10.6	9	77	275	4	
050	20815	10	-52.7	10.2	9	90	257	5	050									050	20765	10	-52.8	11.4	9	91	258	6	
100	16353	9	-53.5	8.9	9	90	271	13	100	16475	9	-56.6	11.0	9	97	261	22	100	16281	6	-51.9	10.4	6	93	260	16	
150	13735	9	-51.8	8.3	9	87	277	18	150	13881	9	-52.3	10.7	9	98	259	32	150	13643	4	-50.4	9.8	5	93	259	22	
200	11865	9	-51.4	6.8	9	81	282	19	200	12001	9	-49.1	9.8	9	96	258	36	200	11767	4	-50.9	8.5	4	90	261	26	
300	9202	10	-45.4	6.2	9	71	293	16	300	9302	9	-39.6	9.5	9	86	261	28	300	9122	2	-44.7	7.5	2	77	262	20	
500	5611	6	-20.1	9.8	7	64	302	9	500	5638	9	-16.8	13.2	9	71	266	12	500	5529	2	-20.6	10.6	2	69	265	12	
700	3036	6	-3.8	7.6	6	60	306	6	700	3033	9	-1.1	12.9	9	69	276	9	700	2956	2	-4.2	7.9	2	72	269	7	
850	1473	8	6.8	8.9	8	68	315	5	850	1463	9	6.7	7.4	9	65	287	6	850	1400	3	4.2	4.9	3	59	295	5	
993	* 177		10.8	6.2					1010	* 24		13.4	3.4					998	* 84		8.9	4.1					

# 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
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ORENBURG</b> 35121 SEP 2002 5141N 05506E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>HAFR AL-BATIN</b> 40373 SEP 2002 2820N 04607E OB									<b>ASIA - SAUDI ARABIA</b> <b>TABUK</b> 40375 SEP 2002 2822N 03636E OB 3								
030	24087	3	-53.1	12.5	3	97	279	10	030	24024	10	-54.8	26.4	9	99	91	17	030	24018	4	-55.1	25.4	5	99	92	16
050	20824	2	-55.9	11.3	2	95	278	11	050	20819	9	-62.8	23.5	9	97	94	11	050	20806	4	-62.1	21.6	4	98	94	11
100	16419	2	-55.5	9.4	2	92	273	18	100	16692	6	-74.9	18.2	6	74	183	6	100	16656	1	-74.1	14.3	1	92	208	9
150	13841	1	-55.8	7.8	1	91	272	20	150	14282	6	-63.8	19.2	6	86	236	9	150	14241	1	-64.0	15.0	1	96	233	17
200	12025	1	-57.5	6.6	1	83	273	20	200	12466	6	-51.9	20.0	6	92	252	9	200	12432	1	-52.7	15.8	1	97	236	19
300	9387	0	-41.4	7.3	0	79	267	18	300	9723	5	-31.9	24.2	5	85	272	6	300	9701	1	-33.3	19.6	1	98	239	16
500	5723	0	-14.3	11.2	0	81	265	14	500	5913	4	-5.9	27.5	5	51	298	3	500	5909	0	-6.4	24.4	0	91	240	8
700	3097	0	1.1	10.1	0	80	257	11	700	3189	4	13.5	22.4	4	73	322	7	700	3189	0	12.6	19.7	0	90	214	8
850	1517	5	10.1	10.6	0	72	243	8	850	1517	4	27.1	26.4	4	77	346	5	850	1524	0	24.8	19.4	0	17	352	1
1003	* 117		21.7	16.6					967	* 358		34.5	33.0					926	* 768		29.3	22.9				
<b>ASIA - SAUDI ARABIA</b> <b>HAIL</b> 40394 SEP 2002 2726N 04141E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>MADINAH</b> 40430 SEP 2002 2433N 03942E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>KING KHALED INT. AIRPORT</b> 40437 SEP 2002 2456N 04643E OB 3								
030	24019	3	-54.9	25.0	3	99	90	18	030	24002	8	-55.9	23.4	8	99	88	19	030	23997	5	-55.5	26.2	5	99	91	18
050	20812	3	-62.8	21.2	3	98	93	12	050	20810	5	-63.9	17.1	6	96	95	14	050	20800	3	-63.3	23.2	3	97	92	13
100	16682	1	-75.1	13.4	1	89	183	7	100	16694	1	-76.4	9.3	1	86	155	7	100	16696	2	-76.3	17.0	2	79	126	6
150	14277	1	-64.1	13.9	1	92	223	11	150	14298	1	-64.4	10.5	2	79	196	7	150	14299	2	-64.2	18.4	2	65	194	4
200	12465	1	-52.0	15.2	1	93	233	10	200	12489	1	-52.0	11.6	1	77	217	6	200	12483	2	-51.6	19.9	2	66	226	4
300	9723	0	-32.1	18.2	0	91	243	7	300	9744	1	-31.8	14.8	1	73	217	5	300	9736	2	-31.2	24.6	2	55	279	4
500	5918	0	-7.8	14.4	0	74	256	5	500	5935	0	-7.5	10.4	0	27	184	2	500	5915	2	-6.2	26.6	2	60	4	3
700	3200	0	14.1	18.7	0	44	239	3	700	3212	0	14.9	19.0	0	2	36	0	700	3196	0	13.5	20.7	0	72	359	5
850	1520	0	28.7	26.5	0	21	104	1	850	1527	0	29.8	27.3	0	29	331	2	850	1521	0	28.4	29.0	0	56	46	3
901	*1013		32.2	29.4					937	* 636		37.1	34.1					941	* 612		33.8	32.5				
<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>MASHHAD</b> 40745 SEP 2002 3616N 05938E OB 3									<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>KERMAN</b> 40841 SEP 2002 3015N 05658E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>JEDDAH (KING ABDUL AZIZ INT.)</b> 41024 SEP 2002 2142N 03911E OB 3								
030									030	23951	4	-55.4						030	23919	6	-56.8	20.3	6	98	88	19
050	20819	2	-61.5	28.9	3	70	70	4	050	20749	4	-62.5						050	20747	3	-64.8	14.4	4	97	93	14
100	16624	2	-69.1	23.0	3	93	280	14	100	16614	1	-74.3						100	16660	0	-77.5	7.8	0	92	122	9
150	14161	2	-60.6	24.6	2	94	280	23	150	14207	1	-64.3						150	14276	0	-65.4	9.2	0	67	149	6
200	12333	2	-51.4	24.5	2	92	290	23	200	12396	1	-52.0						200	12472	0	-52.5	10.9	0	49	162	4
300	9607	2	-35.0	25.5	2	93	300	22	300	9662	0	-33.1	30.9					300	9731	0	-31.9	13.1	0	49	157	3
500	5861	1	-9.4	26.5	1	77	350	9	500	5873	0	-7.2	17.0					500	5920	0	-7.6	8.4	0	84	85	5
700	3166	1	9.9	22.7	1	85	360	6	700	3160	0	13.9	24.9					700	3203	0	14.0	12.5	0	78	75	4
850	1529	1	18.3	20.9	1	83	140	3	826	*1754		13.7	20.3					850	1520	0	28.2	17.0	0	53	351	3
904	* 980		16.0	17.5														1005	* 17		32.5	6.9				

# 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	%
<b>ASIA - UNITED ARAB EMIRATES</b> <b>ABU DHABI INTER. AIRPORT</b> 41217 SEP 2002 2426N 05439E OB 3									<b>ASIA - OMAN</b> <b>SEEB, INTERNATIONAL AIRPORT</b> 41256 SEP 2002 2335N 05817E OB 1									<b>ASIA - OMAN</b> <b>SALALAH</b> 41316 SEP 2002 1702N 05405E OB 3													
030	23880	14	-58.0		9	99	89	20	030	23915	22	-56.2	5.1	9	39	281	20	030	23801	17	-57.8	29.9									
050	20702	1	-65.3		0	97	91	15	050	20737	6	-64.9	12.2	9	32	299	8	050	20640	2	-65.4	22.5									
100	16644	0	-78.0		0	76	102	7	100	16677	1	-78.3	12.5	7	40	278	7	100	16589	1	-80.1	15.1									
150	14260	0	-65.0		0	20	208	1	150	14296	0	-60.8	21.9	3	66	257	9	150	14232	1	-67.0	15.3									
200	12454	0	-52.0	20.3	0	44	260	3	200	12488	0	-52.0	23.0	2	70	249	6	200	12440	1	-53.3	16.6									
300	9704	0	-30.9	29.3	0	53	303	4	300	9731	0	-30.0	3.1	0	62	275	5	300	9698	1	-30.8	24.6									
500	5889	0	-5.3	29.2	0	68	52	5	500	5900	0	-5.0	40.0	0	81	37	8	500	5865	1	-4.0	37.7									
700	3171	0	13.2	21.4	0	21	79	1	700	3183	0	13.2	19.8	0	85	32	7	700	3148	1	11.0	17.7									
850	1500	0	27.1	26.4	0	49	281	3	850	1511	0	26.6	22.6	0	65	316	3	850	1490	1	23.8	21.7									
1002	* 27		34.0	9.4					1005	* 8		27.5	3.6					9999	* 20												
<b>ASIA - BANGLADESH</b> <b>DHAKA</b> 41923 SEP 2002 2346N 09023E OB /									<b>ASIA - INDIA</b> <b>NEW DELHI/SAFDARJUNG</b> 42182 SEP 2002 2835N 07712E OB 3									<b>ASIA - INDIA</b> <b>JODHPUR</b> 42339 SEP 2002 2618N 07301E OB 3													
030									030									030													
050	20726	21	-64.9		9	98	82	13	050	20772	6	-60.1						050													
100	16666	21	-79.6		9	95	104	10	100	16620	0	-75.3		2	44	237	3	100													
150	14293	21	-65.6		9	23	147	2	150	14231	0	-65.5		1	88	251	10	150													
200	12484	22	-50.7		9	30	75	3	200	12424	0	-50.1		1	93	254	13	200	12472	6	-49.9		6	85	246	8					
300	9710	21	-28.7	11.0	9	34	198	2	300	9653	0	-28.8		0	93	256	12	300	9694	1	-28.6	9.2	1	86	257	11					
500	5863	21	-4.4	7.2	9	18	188	1	500	5820	0	-6.1	14.7	0	59	271	3	500	5848	0	-6.1	10.9	0	55	309	4					
700	3134	21	10.4	5.6	9	53	144	4	700	3113	0	9.7	9.5	0	73	317	4	700	3141	0	11.5	11.9	0	58	275	4					
850	1489	21	18.8	4.9	9	54	157	4	850	1467	0	20.2	7.6	0	45	342	3	850	1482	0	23.6	11.6	0	74	271	4					
1007	* 9		26.9	1.9					974	* 216		26.8	5.6					981	* 224		31.7	15.2									
<b>ASIA - INDIA</b> <b>MADRAS/MINAMBAKKAM</b> 43279 SEP 2002 1300N 08011E OB 3									<b>ASIA - HONG KONG, CHINA</b> <b>KING'S PARK</b> 45004 SEP 2002 2219N 11410E OB 1									<b>ASIA - REPUBLIC OF KOREA</b> <b>OSAN AB</b> 47122 SEP 2002 3706N 12702E OB 3													
030									030	23866	4	-56.5	31.7	5	99	93	21	030	24098	0	-52.5	17.7	0	97	93	8					
050	20775	8	-61.0		8	97	84	12	050	20695	1	-65.8	26.0	2	98	90	16	050	20842	0	-58.5	14.3	0	38	131	2					
100	16608	1	-76.1		1	99	88	19	100	16644	0	-79.4	10.1	1	87	64	10	100	16576	0	-65.8	12.2	0	91	267	15					
150	14226	0	-66.2		0	98	86	25	150	14276	0	-66.0	11.1	2	44	8	4	150	14082	0	-59.2	13.4	0	91	263	23					
200	12428	0	-52.4		0	97	87	19	200	12471	0	-51.4	11.9	0	17	286	2	200	12247	0	-51.9	13.7	0	87	266	25					
300	9682	0	-30.7	9.8	0	89	90	6	300	9707	0	-29.3	14.2	0	4	252	1	300	9530	0	-35.3	13.5	0	83	268	21					
500	5856	0	-4.8	11.9	0	49	290	3	500	5865	0	-4.7	8.7	0	27	157	2	500	5776	0	-9.7	17.4	0	82	277	12					
700	3136	0	9.9	8.5	0	75	296	5	700	3141	0	10.0	6.1	0	53	152	4	700	3107	0	4.9	15.4	0	53	309	4					
850	1488	0	20.8	7.9	0	86	289	5	850	1499	0	17.7	2.3	0	68	116	5	850	1505	0	12.5	5.1	0	18	21	1					
1004	* 16		29.4	5.4					1002	* 66		25.8	3.7					1009	* 52		19.4	3.7									



# UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - REPUBLIC OF KOREA</b> <b>POHANG</b> 47138 SEP 2002 3602N 12923E OB 3									<b>ASIA - REPUBLIC OF KOREA</b> <b>KWANGJU AB</b> 47158 SEP 2002 3507N 12649E OB 3									<b>ASIA - JAPAN</b> <b>WAKKANAI</b> 47401 SEP 2002 4525N 14141E OB 2								
030	24045	0	-53.9		0	97	93	9	030	24139	0	-52.6	16.6	0	97	89	10	030	24102	2	-51.8		2	29	157	1
050	20809	0	-60.1		0	57	109	3	050	20881	0	-59.2	13.4	0	77	101	4	050	20814	1	-55.0		1	94	244	6
100	16587	0	-68.0		0	87	264	14	100	16634	0	-67.2	11.6	0	87	267	13	100	16430	0	-58.3		0	96	257	22
150	14116	0	-60.4		0	87	259	22	150	14150	0	-59.4	13.0	0	90	265	21	150	13862	0	-54.4		0	96	257	32
200	12288	0	-51.7		0	84	258	24	200	12314	0	-51.1	14.0	0	86	263	22	200	12006	0	-51.2		0	95	252	38
300	9567	0	-34.7	17.2	0	80	262	19	300	9582	0	-33.9	13.5	0	79	268	17	300	9320	0	-40.6		0	86	254	27
500	5801	0	-8.8	22.2	0	83	267	11	500	5803	0	-8.2	16.7	0	84	274	11	500	5663	0	-16.4	11.9	0	84	264	14
700	3121	0	5.3	17.8	0	52	292	4	700	3114	0	6.5	15.8	0	59	302	5	700	3058	0	-1.1	13.4	0	62	276	7
850	1513	0	12.5	9.4	0	46	39	3	850	1504	0	13.6	7.1	0	30	7	2	850	1485	0	7.6	8.1	1	59	277	5
1015	* 6		20.0	4.6					1013	* 13		19.9	3.3					1013	* 11		16.3	5.5				
<b>ASIA - JAPAN</b> <b>SAPPORO</b> 47412 SEP 2002 4303N 14120E OB 2									<b>ASIA - JAPAN</b> <b>NEMURO</b> 47420 SEP 2002 4320N 14535E OB 2									<b>ASIA - JAPAN</b> <b>AKITA</b> 47582 SEP 2002 3943N 14006E OB 2								
030	24095	0	-52.9		2	61	126	2	030	24088	0	-53.1		0	48	129	2	030	24079	1	-53.3		2	85	96	4
050	20828	0	-56.5		0	85	247	5	050	20826	0	-56.9		0	87	247	5	050	20831	0	-58.6		0	59	223	2
100	16489	0	-61.2		0	96	255	22	100	16496	0	-61.7		0	97	255	23	100	16560	0	-65.4		0	95	252	20
150	13951	0	-56.8		0	97	253	35	150	13968	0	-57.1		0	97	255	37	150	14067	0	-59.7		0	97	252	33
200	12107	0	-51.4		0	94	252	41	200	12126	0	-51.4		0	96	250	43	200	12239	0	-52.1		0	93	248	37
300	9403	0	-37.7		0	92	255	33	300	9420	0	-36.9	6.1	0	92	250	37	300	9522	0	-34.9	7.5	0	90	252	31
500	5708	0	-14.2	13.3	0	89	257	17	500	5712	0	-13.7	11.2	0	89	256	18	500	5769	0	-10.7	14.3	0	89	254	16
700	3078	0	.9	12.0	0	76	260	8	700	3078	0	1.1	10.6	0	77	257	9	700	3109	0	3.7	12.6	0	79	256	8
850	1494	0	8.8	8.0	0	45	265	4	850	1493	0	8.7	5.4	0	51	245	4	850	1508	0	11.8	6.3	1	72	252	4
1012	* 26		17.2	5.9					1011	* 39		14.4	2.2					1014	* 7		19.9	4.4				
<b>ASIA - JAPAN</b> <b>WAJIMA</b> 47600 SEP 2002 3723N 13654E OB 2									<b>ASIA - JAPAN</b> <b>TATENO</b> 47646 SEP 2002 3603N 14008E OB 2									<b>ASIA - JAPAN</b> <b>HACHIJOJIMA/OMURE</b> 47678 SEP 2002 3307N 13947E OB 2								
030	24063	2	-53.8		2	94	93	7	030	24052	2	-54.3		2	98	90	9	030	24038	5	-55.0		5	99	88	12
050	20826	2	-59.7		2	50	152	2	050	20823	0	-60.5		0	86	112	4	050	20820	3	-61.9		4	96	100	7
100	16593	0	-67.6		0	92	252	16	100	16619	0	-69.9		0	89	248	13	100	16652	0	-72.0		0	74	241	8
150	14121	0	-60.6		0	91	251	28	150	14170	0	-62.4		0	92	247	24	150	14226	0	-63.2		0	86	243	16
200	12298	0	-52.2		0	87	247	30	200	12353	0	-52.1		0	88	241	26	200	12414	0	-51.9		0	81	237	18
300	9575	0	-34.0	5.9	0	85	247	26	300	9620	0	-32.7	6.3	0	86	246	21	300	9670	0	-31.8	8.0	0	69	239	12
500	5800	0	-8.6	13.9	0	86	255	14	500	5827	0	-7.5	12.1	0	89	242	14	500	5858	0	-6.2	12.6	0	63	237	8
700	3123	0	4.7	10.2	0	70	242	6	700	3136	0	6.4	9.5	0	73	237	6	700	3150	0	7.9	8.3	0	44	223	4
850	1515	0	12.8	4.4	0	38	240	2	850	1519	0	13.7	2.9	0	15	180	1	850	1521	0	16.3	4.2	0	15	202	1
1013	* 14		20.0	3.3					1011	* 31		20.1	2.1					996	* 153		23.5	2.6				

# 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
<b>ASIA - JAPAN</b> <b>YONAGO</b> 47744 SEP 2002 3526N 13321E OB 2									<b>ASIA - JAPAN</b> <b>SHIONOMISAKI</b> 47778 SEP 2002 3327N 13546E OB 2									<b>ASIA - JAPAN</b> <b>FUKUOKA</b> 47807 SEP 2002 3335N 13023E OB 2								
030	24050	0	-54.1		0	99	91	9	030	24041	3	-54.7		4	99	91	12	030	24031	1	-54.3		1	98	90	11
050	20818	0	-60.5		0	72	113	4	050	20823	2	-61.4		2	95	98	6	050	20811	1	-61.6		1	86	99	5
100	16609	0	-69.3		0	85	254	13	100	16645	0	-71.7		0	74	250	9	100	16631	0	-70.7		0	73	256	11
150	14152	0	-61.4		0	86	252	23	150	14210	0	-62.6		0	82	248	18	150	14185	0	-61.8		0	82	254	19
200	12331	0	-52.1		0	80	250	24	200	12392	0	-51.5		0	76	248	18	200	12363	0	-51.6		0	79	255	21
300	9601	0	-33.2	8.0	0	80	249	21	300	9652	0	-32.1	8.2	0	71	245	15	300	9626	0	-32.6	9.9	0	75	255	18
500	5817	0	-7.7	13.9	0	80	256	11	500	5849	0	-6.3	17.0	0	75	249	9	500	5832	0	-6.9	13.0	0	73	260	10
700	3126	0	5.5	10.7	0	50	241	4	700	3143	0	7.7	11.9	0	52	215	4	700	3132	0	7.5	14.7	0	43	266	3
850	1515	0	13.3	3.7	0	16	122	1	850	1518	0	15.5	3.4	0	31	109	2	850	1513	0	14.5	4.2	0	15	135	1
1013	* 8		22.7	4.6					1005	* 75		23.9	4.4					1012	* 15		24.0	6.0				
<b>ASIA - JAPAN</b> <b>KAGOSHIMA</b> 47827 SEP 2002 3133N 13033E OB 2									<b>ASIA - JAPAN</b> <b>NAZE/FUNCHATOGE</b> 47909 SEP 2002 2823N 12933E OB 2									<b>ASIA - JAPAN</b> <b>ISHIGAKIJIMA</b> 47918 SEP 2002 2420N 12410E OB 2								
030	24010	1	-55.1		1	99	90	14	030	23965	3	-55.9		3	99	90	17	030	23918	3	-56.5		5	99	88	20
050	20801	0	-62.4		0	95	93	7	050	20768	2	-63.2		2	98	91	10	050	20734	2	-64.9		2	99	89	14
100	16647	0	-72.4		0	58	260	7	100	16654	0	-74.7		0	18	248	2	100	16660	0	-77.5		0	47	78	5
150	14219	0	-62.5		0	75	254	14	150	14246	0	-63.3		0	53	260	7	150	14270	0	-64.5		0	43	303	5
200	12400	0	-51.8		0	68	260	14	200	12429	0	-51.4		0	53	264	8	200	12461	0	-51.6		0	67	298	9
300	9659	0	-31.8	8.9	0	68	251	13	300	9682	0	-31.3	8.8	0	50	262	8	300	9705	0	-30.3	11.3	0	42	295	4
500	5851	0	-6.0	10.7	0	66	259	9	500	5863	0	-5.3	9.3	0	37	245	4	500	5874	0	-4.9	6.9	0	35	265	3
700	3139	0	8.4	15.5	1	37	257	3	700	3143	0	9.6	10.9	0	11	270	1	700	3147	0	10.3	6.1	0	39	298	4
850	1512	0	15.5	3.5	1	23	90	2	850	1508	0	16.6	2.9	0	30	67	2	850	1506	0	17.6	3.7	0	22	340	2
1009	* 31		26.0	7.4					978	* 295		23.3	2.0					1010	* 7		27.2	5.3				
<b>ASIA - JAPAN</b> <b>NAHA</b> 47936 SEP 2002 2612N 12741E OB 2									<b>ASIA - JAPAN</b> <b>MINAMIDAITOJIMA</b> 47945 SEP 2002 2550N 13114E OB 2									<b>ASIA - JAPAN</b> <b>CHICHIJIMA</b> 47971 SEP 2002 2705N 14211E OB 3								
030	23943	4	-56.4		4	99	89	19	030	23938	3	-56.7		3	99	88	19	030	23954	3	-55.9		3	99	91	19
050	20752	3	-64.0		3	99	89	12	050	20753	1	-63.9		1	99	90	12	050	20766	2	-63.4		3	99	90	12
100	16660	0	-75.9		0	15	74	2	100	16662	0	-76.3		0	32	101	3	100	16666	0	-76.1		0	53	130	4
150	14259	0	-63.6		0	45	259	5	150	14268	0	-64.1		0	42	243	6	150	14275	0	-64.6		0	56	214	7
200	12444	0	-51.4		0	57	269	8	200	12454	0	-51.2		0	45	250	7	200	12466	0	-51.9		1	47	219	7
300	9691	0	-30.5	9.7	0	42	268	5	300	9702	0	-31.0	9.5	0	31	265	4	300	9716	0	-30.8	9.2	0	44	192	6
500	5860	0	-4.6	9.4	0	34	242	3	500	5876	0	-4.5	10.7	0	27	275	2	500	5889	0	-4.7	13.7	0	43	167	5
700	3134	0	10.1	9.3	0	17	257	2	700	3148	0	10.5	9.9	0	12	283	1	700	3163	0	10.6	8.1	0	33	141	3
850	1494	0	17.4	3.4	0	18	55	1	850	1506	0	17.8	3.8	0	26	52	2	850	1521	0	17.7	4.2	0	68	115	5
1006	* 27		27.2	5.4					1008	* 20		26.4	2.6					1011	* 8		26.7	1.7				

# UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND											
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED						
																											hPa	gpm	°C	°C	%	°
<b>ASIA - JAPAN</b> <b>MINAMITORISHIMA</b> 47991 SEP 2002 2418N 15358E OB 3								<b>ASIA - THAILAND</b> <b>UBON RATCHATHANI</b> 48407 SEP 2002 1515N 10452E OB 1								<b>ASIA - THAILAND</b> <b>BANGKOK</b> 48455 SEP 2002 1344N 10034E OB 1																
030	23925	7	-56.8		7	99	86	21	030									030														
050	20745	6	-64.4		6	99	87	15	050	20681	9	-63.6		9	99	90	13	050	20694	12	-65.7											
100	16657	0	-76.8		0	86	84	8	100	16586	4	-79.9		8	83	85	15	100	16639	12	-79.9											
150	14277	0	-65.7		0	26	40	3	150	14243	1	-68.1		4	48	55	7	150	14288	11	-66.7	9.6										
200	12475	0	-52.1		0	6	40	1	200	12455	1	-53.2		1	72	55	7	200	12493	10	-51.3	8.2	9	84	70	10						
300	9727	0	-30.9	12.7	0	38	105	4	300	9704	0	-29.9	4.2	1	76	60	5	300	9729	10	-28.3	5.0	9	58	70	4						
500	5900	0	-4.5	13.2	0	59	97	5	500	5864	0	-4.8	2.9	0	16	285	1	500	5879	10	-3.7	3.3	9	50	235	3						
700	3170	0	11.0	9.6	0	58	92	4	700	3142	0	9.5	1.7	0	29	240	2	700	3149	10	10.6	3.7	9	71	265	4						
850	1524	0	18.9	4.5	0	71	89	5	850	1499	0	18.0	1.4	0	35	270	2	850	1505	10	19.1	4.2	8	71	270	6						
1011	* 9		27.5	3.1					996	* 127		24.8	.7					1010	* 20		26.0	2.0										
<b>ASIA - THAILAND</b> <b>SONGKHLA</b> 48568 SEP 2002 0712N 10036E OB 1								<b>ASIA - CHINA</b> <b>HAILAR</b> 50527 SEP 2002 4913N 11945E OB 3								<b>ASIA - CHINA</b> <b>URUMQI</b> 51463 SEP 2002 4347N 08737E OB 3																
030	23802	9	-57.8		9	78	105	5	030	24106	0	-50.2	8.3	0	80	256	4	030	24066	1	-52.3	7.8	2	33	324	1						
050	20626	4	-64.8		5	72	75	4	050	20799	0	-53.3	7.6	0	0	268	7	050	20812	0	-58.3	7.2	0	83	286	5						
100	16534	2	-78.9		3	98	90	14	100	16358	0	-54.6	7.1	0	94	278	15	100	16489	0	-60.0	9.3	0	95	267	19						
150	14195	2	-69.4		3	97	70	22	150	13761	0	-53.9	6.8	0	91	280	21	150	13937	0	-56.1	8.7	0	97	262	30						
200	12418	2	-54.4		2	95	75	16	200	11914	0	-54.5	6.2	0	92	284	22	200	12096	0	-53.1	8.6	0	93	258	28						
300	9683	1	-31.2	4.8	1	86	80	7	300	9279	0	-44.4	5.9	0	82	286	18	300	9443	0	-43.0	9.1	0	89	260	17						
500	5861	0	-5.5	4.2	0	32	195	2	500	5659	0	-18.4	7.3	0	67	288	10	500	5783	0	-14.5	12.7	0	78	273	7						
700	3144	0	9.0	5.5	0	76	270	6	700	3064	0	-2.0	7.2	0	70	294	7	700	3146	0	3.2	14.6	0	29	323	2						
850	1506	0	17.8	4.3	0	95	270	8	850	1488	0	9.3	8.4	0	63	278	5	850	1542	0	13.7	15.4	0	40	75	2						
1009	* 5		25.4	2.3					945	* 611		7.4	4.7					913	* 919		13.0	12.7										
<b>ASIA - CHINA</b> <b>BEIJING</b> 54511 SEP 2002 3956N 11617E OB 3								<b>ASIA - CHINA</b> <b>LHASA</b> 55591 SEP 2002 2940N 09108E OB 3								<b>ASIA - CHINA</b> <b>KUNMING</b> 56778 SEP 2002 2501N 10241E OB 3																
030	24070	3	-52.8	27.5	4	80	98	4	030	23952	3	-56.6		3		83	14	030	23868	2	-56.7		3		87	19						
050	20811	2	-58.5	26.9	2	25	294	1	050	20771	3	-64.6		2	90	88	9	050	20696	2	-65.3		3		85	13						
100	16538	1	-64.3	26.4	2	94	279	17	100	16707	1	-75.8		1	50	290	4	100	16667	0	-78.7		1	60	49	6						
150	14030	1	-58.8	21.1	1	96	281	25	150	14298	1	-63.5	3.7	1	86	269	12	150	14283	0	-64.7		1	56	340	5						
200	12198	0	-52.3	20.1	1	93	283	28	200	12478	1	-50.6	7.1	1	69	267	11	200	12469	0	-50.8	8.0	1	60	315	6						
300	9501	0	-37.5	20.3	0	79	279	19	300	9707	0	-28.7	7.3	0	82	270	9	300	9705	0	-30.2	8.3	1	57	309	4						
500	5782	0	-12.2	22.7	0	73	284	8	500	5858	0	-4.1	2.7	0	83	228	5	500	5873	0	-5.2	6.7	0	17	300	1						
700	3132	0	3.1	15.6	0	43	307	3	656	*3650		9.4	3.4					700	3156	0	8.7	3.0	0	20	157	1						
850	1531	0	12.8	14.4	0	17	81	1										814	*1892		15.6	3.9										
1014	* 55		17.1	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		
hPa	gpm		°C	°C		%	°	mps	hPa	gpm		°C	°C		%	°	mps	hPa	gpm		°C	°C		%	°	mps		
<b>ASIA - CHINA</b> <b>SHANGHAI</b> 58362 SEP 2002 3124N 12128E OB 3									<b>AFRICA - MADEIRA</b> <b>FUNCHAL</b> 08522 SEP 2002 3238N 01654W OB 3									<b>AFRICA - CAPE VERDE</b> <b>SAL ISLAND</b> 08594 SEP 2002 1644N 02257W OB 2										
030	23961	1	-54.6		3		92	14	030	24000	1	-54.3		1	98	92	6	030										
050	20758	0	-62.8		0		91	9	050	20776	0	-59.4		0	85	97	3	050	20666	6	-63.2		8	96	75	9		
100	16624	0	-72.8		0	64	289	7	100	16487	0	-64.1		0	93	253	7	100	16572	6	-75.9		6	51	160	3		
150	14191	0	-62.6	14.5	0	83	281	15	150	14006	0	-63.5		0	94	256	13	150	14178	6	-68.2		5	79	220	8		
200	12374	0	-52.2	10.0	0	89	272	17	200	12224	0	-58.2		0	93	255	14	200	12405				3	73	195	8		
300	9641	0	-32.7	11.8	0	68	271	13	300	9560	0	-38.1	14.0	0	96	255	11	300	9688	2	-32.4	17.3	2	73	205	5		
500	5847	0	-7.4	12.0	0	55	270	6	500	5831	0	-10.0	18.8	0	96	257	8	500	5893	2	-7.3	13.6	2	89	100	7		
700	3148	0	8.1	14.0	0	25	318	2	700	3152	0	6.9	18.8	0	93	257	6	700	3193	2	9.7	8.5	2	92	95	11		
850	1525	0	14.7	8.8	0	33	34	2	850	1536	0	13.0	6.8	0	80	268	3	850	1546	2	20.6	10.4	2	87	75	9		
1014	* 4		23.6	4.3					1011	* 56		23.3	5.4					1009	* 57		27.9	6.1						
<b>AFRICA - SPAIN (CANARY ISLANDS)</b> <b>SANTA CRUZ DE TENE- RIFE, CM</b> 60020 SEP 2002 2827N 01615W OB 3									<b>AFRICA - MOROCCO</b> <b>CASABLANCA</b> 60155 SEP 2002 3334N 00740W OB 1									<b>AFRICA - ALGERIA</b> <b>DAR-EL-BEIDA</b> 60390 SEP 2002 3643N 00315E OB 3										
030	23968	4	-55.3	31.6	4	99	91	17	030									030										
050	20751	2	-61.3	29.8	2	94	94	10	050									050	20774	4	-57.1		5	54	260	3		
100	16536	0	-68.9	22.4	0	90	247	13	100	16504	3	-64.7	26.0	7	93	262	13	100	16456	1	-61.5		4	92	280	11		
150	14101	0	-65.9	16.2	0	95	252	28	150	14032	1	-63.6	17.2	6	98	263	28	150	13954	0	-61.9		2	96	280	24		
200	12322	0	-56.7	13.8	0	95	250	28	200	12250	0	-57.9	12.4	4	97	261	31	200	12169	0	-59.1		0	95	280	26		
300	9636	0	-36.3	15.7	0	95	250	19	300	9584	0	-37.9	14.0	5	95	255	21	300	9523	0	-39.7	13.5	0	91	280	22		
500	5890	0	-9.2	12.6	0	95	248	14	500	5850	0	-9.5	19.6	6	94	256	16	500	5821	0	-11.8	19.8	0	92	280	14		
700	3196	0	9.8	17.0	0	95	252	12	700	3167	0	7.7	17.5	4	94	235	12	700	3160	0	5.3	18.1	0	82	270	9		
850	1554	0	18.6	17.6	0	78	267	4	850	1539	0	16.8	15.4	4	87	237	6	850	1544	0	15.7	13.5	0	62	260	3		
1013	* 36		24.5	6.4					1010	* 62		21.3	2.6					9999	* 25		28.5	11.5						
<b>AFRICA - ALGERIA</b> <b>BECHAR</b> 60571 SEP 2002 3137N 00214W OB 3									<b>AFRICA - ALGERIA</b> <b>IN SALAH</b> 60630 SEP 2002 2712N 00228E OB 2									<b>AFRICA - ALGERIA</b> <b>TAMANRASSET</b> 60680 SEP 2002 2247N 00531E OB 3										
030									030	23933	16	-55.7						030										
050	20773	14	-59.9		9	83	80	7	050	20729	0	-62.0						050	20708	3	-64.0		5	98	90	13		
100	16543	1	-67.6		6	91	280	12	100	16553	0	-72.0						100	16592	0	-75.1		0	43	275	4		
150	14080	0	-65.1		6	96	270	26	150	14143	0	-66.2						150	14198	0	-66.0		0	84	275	11		
200	12303	0	-57.6		6	96	280	28	200	12360	0	-56.1						200	12411	0	-54.6		0	78	290	10		
300	9628	0	-37.2	15.3	6	93	270	19	300	9670	0	-36.2	15.2	6	96	140	15	300	9698	0	-34.7	20.0	0	51	310	6		
500	5895	0	-9.8	15.7	3	92	270	14	500	5922	0	-9.7	10.2	1	82	180	8	500	5933	0	-9.4	8.9	1	81	45	3		
700	3202	0	9.8	15.8	3	88	250	10	700	3223	0	11.5	16.0	0	47	280	4	700	3226	0	13.6	18.1	0	72	135	2		
850	1551	0	23.4	23.7	4	48	240	4	850	1560	0	25.5	23.6	0	21	60	2	850	1547	0	29.0	28.7	0	69	125	2		
925	* 773		29.4	24.2					982	* 293		39.0	31.5					868	*1378		30.0	26.4						

# 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
<b>AFRICA - TUNISIA</b> <b>TUNIS-CARTHAGE</b> 60715 SEP 2002 3650N 01014E OB 1									<b>AFRICA - NIGER</b> <b>NIAMEY-AERO</b> 61052 SEP 2002 1329N 00210E OB 2									<b>AFRICA - SENEGAL</b> <b>DAKAR/YOFF</b> 61641 SEP 2002 1444N 01730W OB 3								
030	24026	6	-54.0	31.0	7	95	95	15	030	23799	5	-59.6						030	23807	0	-58.7	30.1				
050	20780	1	-57.6	28.4	2	47	93	4	050	20646	2	-66.0						050	20650	0	-65.4	24.9	2	87	90	19
100	16440	0	-60.5	24.6	2	94	262	23	100	16580	1	-78.5						100	16582	0	-78.2	13.5	0	59	100	8
150	13916	0	-60.7	17.9	2	97	283	46	150	14219	0	-67.6						150	14222	0	-68.1	12.6	0	46	160	7
200	12127	0	-59.2	9.8	1	96	279	52	200	12433	0	-53.7						200	12439	0	-54.1	12.7	0	52	155	9
300	9486	0	-40.5	12.0	1	94	282	43	300	9697	0	-31.8	16.3					300	9706	0	-31.7	14.9	0	61	125	7
500	5793	0	-12.4	18.6	1	94	289	30	500	5891	0	-6.8	15.5					500	5897	0	-6.6	11.5	0	91	100	18
700	3141	0	4.2	12.1	1	95	284	25	700	3184	0	11.2	12.7					700	3190	0	10.3	9.6	0	62	100	27
850	1530	0	14.6	9.5	1	80	290	13	850	1528	0	22.4	11.9					850	1541	0	20.7	10.1	0	78	95	13
1015	* 4		22.4	3.8					986	* 227		29.3	7.2					1010	* 24		28.0	3.2				
<b>AFRICA - OCEAN ISLANDS (UK)</b> <b>ST. HELENA IS.</b> 61901 SEP 2002 1556S 00504W OB 3									<b>AFRICA - OCEAN ISLANDS (FRANCE)</b> <b>MARTIN DE VIVIES (ILE AMSTER)</b> 61996 SEP 2002 3748S 07732E OB 2									<b>AFRICA - OCEAN ISLANDS (FRANCE)</b> <b>PORT-AUX-FRANCAIS (ILES KERG)</b> 61998 SEP 2002 4921S 07015E OB 2								
030									030									030								
050	20638	10	-65.9		9	60	250	5	050									050	20389	7	-49.4					
100	16570	10	-76.3		9	69	287	9	100	16257	8	-58.5		8	93	266	21	100	15858	6	-51.9					
150	14176	10	-66.1		9	95	271	18	150	13694	3	-56.4		3	95	272	31	150	13240	4	-51.7					
200	12385	10	-54.5		9	85	262	19	200	11866	3	-56.6		3	89	267	30	200	11378	2	-52.9					
300	9672	10	-33.7	23.3	9	69	251	11	300	9249	2	-45.4		3	86	259	31	300	8762	2	-49.2		6	88	272	38
500	5875	10	-6.2	34.9	9	29	282	3	500	5641	0	-18.6	21.7	2	88	265	24	500	5267	2	-28.8	14.1	6	89	271	28
700	3177	10	7.9	22.8	9	63	324	4	700	3053	0	-3.5	21.7	1	89	264	17	700	2783	2	-14.2	14.8	6	89	269	22
850	1543	10	18.4	26.8	9	4	76	0	850	1500	1	2.8	5.4	2	82	270	12	850	1289	2	-6.9	4.4	4	86	272	15
969	* 436		17.4	4.5					1015	* 29		12.6	3.6					996	* 30		3.2	5.2				
<b>AFRICA - EGYPT</b> <b>MERSA MATRUH</b> 62306 SEP 2002 3120N 02713E OB 3									<b>AFRICA - EGYPT</b> <b>HELWAN</b> 62378 SEP 2002 2952N 03120E OB 3									<b>AFRICA - EGYPT</b> <b>ASSWAN</b> 62414 SEP 2002 2358N 03247E OB 3								
030									030									030	23973	4	-55.2		5	98	95	18
050	20793	3	-61.2	3.0	3	96	92	7	050	20850	3	-61.6	24.3	4	89	113	5	050	20779	1	-63.3		1	99	105	14
100	16567	2	-68.0	18.0	2	97	240	16	100	16633	2	-70.0	23.5	3	97	231	11	100	16662	0	-76.5		0	77	160	7
150	14102	0	-61.5	20.4	0	98	242	28	150	14213	2	-62.2	24.0	3	99	237	20	150	14270	0	-65.3		0	89	230	8
200	12286	0	-53.8	19.7	0	97	248	27	200	12366	1	-52.9	24.1	1	98	239	22	200	12465	0	-52.0	20.3	0	81	235	8
300	9595	0	-37.1	21.8	0	91	262	19	300	9651	1	-34.9	25.4	1	97	244	16	300	9726	0	-32.0	26.3	0	69	210	5
500	5854	0	-9.2	21.0	0	94	270	12	500	5884	1	-7.2	32.3	1	91	257	8	500	5918	0	-6.7	28.7	0	84	205	5
700	3164	0	8.3	17.0	0	87	283	9	700	3176	1	10.1	24.5	1	78	312	5	700	3199	0	13.9	20.6	0	85	235	5
850	1529	0	18.8	15.8	0	55	301	4	850	1534	1	19.9	18.1	1	66	348	4	850	1527	0	26.3	27.5	0	64	315	3
1010	* 29		24.8	7.9					997	* 141		25.4	10.3					986	* 194		39.3	34.4				

# 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
AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 SEP 2002 0902N 03845E OB 2																												
030									030	23746	1	-59.9	29.0	2	89	272	11	030	23787	10	-58.4							
050									050	20611	1	-66.5	22.0	1	95	272	13	050	20615	4	-65.7				8	33	61	4
100									100	16552	0	-79.0	13.7	0	42	102	4	100	16534	4	-74.0				4	82	280	18
150	12064				8	63	50	4	150	14193	0	-67.3	13.6	0	26	74	2	150	14128	2	-65.2				5	98	274	46
200	11421				5	50	50	5	200	12407	0	-54.3	13.8	0	49	67	5	200	12331	2	-53.7				4	94	266	50
300	9680		-31.7		5	74	70	5	300	9675	0	-31.6	16.2	0	76	88	8	300	9611	2	-34.1	18.7			3	89	275	39
500	5868		-6.1		5	66	40	3	500	5862	0	-6.2	11.1	0	76	95	6	500	5845	2	-8.8	20.5	4	83	270	15		
700	3157		11.2		5	67	40	3	700	3153	0	9.0	10.7	0	58	106	4	700	3168	2	4.9	9.1	2	20	207	2		
772	*2354		22.4						850	1518	0	16.8	5.0	0	89	110	7	850	1559	1	11.9	3.3	3	75	104	6		
									1012	* 4		26.7	3.8					881	*1276		14.2	3.0						
AFRICA - MADAGASCAR ANTANANARIVO/IVATO 67083 SEP 2002 1848S 04729E OB 1																												
AFRICA - MADAGASCAR FORT-DAUPHIN 67197 SEP 2002 2502S 04657E OB 3																												
030	23799	0	-57.5	31.6	3	75	78	8	030	23896	5	-53.8	21.2	5	77	276	5	030	23945	0	-53.2	23.7	0	84	260	5		
050	20621	0	-64.6	29.6	4	38	65	3	050	20609	3	-52.5	21.8	3	77	259	5	050	20651	0	-52.4	23.9	0	85	247	5		
100	16482	0	-69.9	27.4	3	90	272	15	100	16107	3	-50.1	22.0	3	68	245	6	100	16147	0	-50.2	24.3	0	73	238	7		
150	14029	0	-61.9	27.9	3	93	271	25	150	13460	2	-48.7	20.9	2	57	241	6	150	13492	0	-48.6	23.2	0	61	243	7		
200	12220	0	-54.5	26.6	1	94	272	27	200	11570	2	-49.5	16.8	2	53	235	7	200	11600	0	-49.2	18.5	0	60	238	9		
300	9537	0	-38.7	25.5	0	76	267	15	300	8936	1	-48.9	8.8	1	45	233	8	300	8952	0	-48.2	8.2	0	45	236	9		
500	5831		-11.6	32.7	0	60	261	6	500	5409	1	-24.8	9.0	1	60	219	7	500	5417	0	-24.5	9.7	0	38	216	5		
700	3173	0	4.6	28.0	0	9	268	1	700	2884	1	-9.5	6.9	1	66	219	5	700	2886	0	-8.7	7.0	0	51	201	5		
850	1563	0	24.3	13.1	0	43	18	3	850	1360	1	-1.5	5.5	1	59	209	4	850	1357	0	-1.0	4.3	0	37	192	3		
1019	* 9		23.3	6.2					1005	* 4		1.6	.8					1005	* 5		7.2	3.9						
N AMERICA - USA (ALASKA) NOME 70200 SEP 2002 6430N 16526W OB 3																												
030	23976	2	-52.3	24.0	2	86	268	4	030	23997	2	-52.6	22.8	2	76	267	5	030	24037	2	-52.7	21.2	2	87	267	9		
050	20676	2	-52.3	24.0	3	84	256	5	050	20704	1	-52.7	22.4	1	83	260	5	050	20742	2	-52.7	20.8	2	80	252	11		
100	16172	2	-50.2	24.3	3	68	243	6	100	16217	1	-50.9	22.5	1	79	259	7	100	16269	2	-52.6	20.2	3	77	259	19		
150	13517	2	-48.8	22.4	3	62	250	7	150	13572	1	-49.9	21.1	1	73	256	9	150	13645	2	-50.8	18.2	3	79	259	28		
200	11629	2	-49.6	17.9	2	51	255	7	200	11690	1	-50.0	16.2	1	68	255	10	200	11774	3	-50.1	15.2	4	68	259	31		
300	8983	2	-46.9	7.4	2	44	257	9	300	9047	1	-48.1	5.8	1	52	236	9	300	9112	2	-45.0	7.0	2	68	259	33		
500	5428	2	-23.6	8.2	2	33	241	4	500	5497	1	-22.6	6.7	1	47	205	6	500	5521	1	-20.6	9.3	1	59	261	20		
700	2886	2	-7.7	7.7	4	26	262	3	700	2947	1	-6.7	5.5	1	61	185	6	700	2952	1	-5.4	9.5	1	53	265	14		
850	1355	2	-.6	5.6	3	15	219	1	850	1405	1	2.0	3.4	1	47	158	4	850	1407	1	1.5	5.3	1	48	261	11		
1005	* 7		5.0	1.7					1003	* 40		8.1	2.5					1007	* 31		8.5	1.9						
N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 SEP 2002 6110N 15001W OB 3																												
N AMERICA - USA (ALASKA) COLD BAY 70316 SEP 2002 5512N 16243W OB 3																												

# 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
<b>N AMERICA - USA (ALASKA)</b> YAKUTAT 70361 SEP 2002 5931N 13940W OB 3									<b>N AMERICA - USA (ALASKA)</b> SHEMYA AFB 70414 SEP 2002 5243N 17406E OB 3									<b>N AMERICA - USA</b> NASHVILLE/OLD HICKORY, TN. 72327 SEP 2002 3615N 08634W OB 3								
030	24007	4	-52.6	23.6	5	70	276	6	030									030	24038	1	-54.2	11.9	1	92	89	7
050	20714	3	-53.0	22.9	5	78	271	6	050									050	20805	1	-60.4	9.9	1	90	79	5
100	16235	2	-51.7	22.7	3	73	268	9	100									100	16599	1	-70.0	8.2	1	69	275	8
150	13601	2	-50.6	21.1	3	76	271	12	150	13694								150	14163	1	-63.3	9.1	1	84	270	18
200	11722	2	-50.8	16.1	4	63	275	12	200	11820	9	-50.2		9	90	272	27	200	12354	1	-53.2	10.4	1	81	262	19
300	9076	2	-46.9	6.8	3	53	269	11	300	9167	8	-44.4		9	83	275	26	300	9639	1	-34.5	12.5	1	81	250	13
500	5519	2	-23.1	6.4	2	56	235	7	500	5567	7	-20.0	13.0	8	81	275	15	500	5864	1	-7.4	19.3	1	63	253	6
700	2968	2	-6.5	7.5	2	52	218	4	700	2988	7	-3.8	12.2	9	77	274	11	700	3167	1	7.2	13.0	1	48	253	3
850	1425	2	2.1	3.5	3	38	162	2	850	1434	7	3.7	6.5	9	72	269	9	850	1542	1	16.2	6.3	1	40	209	3
1010	* 9		6.7	.8					1009	* 31		8.7	1.4					996	* 180		19.3	2.4				
<b>N AMERICA - USA</b> STERLING, VA. 72403 SEP 2002 3859N 07728W OB 3									<b>N AMERICA - USA</b> NORTH PLATTE/LEE BIRD, NE. 72562 SEP 2002 4108N 10041W OB 3									<b>N AMERICA - USA</b> MEDFORD/MEDFORD- JACKSON COU 72597 SEP 2002 4222N 12252W OB 3								
030	24001	3	-54.9	22.4	3	91	81	6	030	23991	4	-54.6	23.7	5	36	35	1	030	24044	3	-53.9	10.8	4	22	44	2
050	20778	2	-60.9	19.5	2	66	62	3	050	20763	4	-59.7	21.0	4	39	217	2	050	20801	3	-58.6	9.6	5	34	344	3
100	16556	2	-68.7	14.1	2	73	278	9	100	16495	4	-64.7	16.4	4	89	261	12	100	16477	3	-61.3	9.0	5	78	264	19
150	14102	2	-62.6	13.1	2	79	271	16	150	14000	4	-60.0	15.1	4	89	257	21	150	13946	3	-57.8	9.4	5	75	264	27
200	12303	1	-55.3	10.3	1	78	265	18	200	12187	4	-54.8	11.8	4	83	262	21	200	12132	1	-55.7	9.3	3	57	278	24
300	9612	1	-36.0	12.3	1	75	262	14	300	9514	4	-38.4	10.5	4	78	264	15	300	9471	1	-40.0	11.3	2	49	265	20
500	5855	1	-8.5	20.1	1	70	268	9	500	5792	4	-10.6	13.9	4	70	264	10	500	5772	1	-11.7	19.1	1	53	275	15
700	3167	1	6.8	14.7	2	59	282	5	700	3119	4	6.6	12.0	4	59	256	6	700	3109	1	5.2	17.8	1	41	250	6
850	1548	1	14.1	11.3	2	44	296	3	850	1497	4	14.3	9.2	5	39	240	5	850	1499	1	13.5	11.2	1	25	72	2
1009	* 98		15.3	1.5					918	* 849		11.0	3.1					968	* 405		12.3	5.2				
<b>N AMERICA - USA</b> INT. FALLS/FALLS INT. MN. 72747 SEP 2002 4834N 09323W OB 3									<b>N AMERICA - USA</b> BISMARCK/MUN., ND. 72764 SEP 2002 4646N 10045W OB 3									<b>N AMERICA - CANADA</b> NORMAN WELLS UA, N.W.T. 71043 SEP 2002 6517N 12645W OB 3								
030	24016	2	-54.5	23.0	2	42	287	3	030	24034	3	-54.0	13.4	3	44	266	3	030	23961	1	-53.9	30.9	2	67	295	6
050	20767	2	-57.3	22.0	2	75	276	5	050	20783	3	-57.4	11.7	3	75	277	4	050	20677	1	-52.9	30.6	1	64	291	6
100	16401	2	-58.7	19.6	2	89	270	14	100	16436	2	-59.9	10.7	4	92	266	14	100	16182	1	-51.0	30.1	1	65	290	7
150	13850	2	-56.2	17.1	2	90	264	24	150	13897	2	-56.9	10.8	4	93	263	20	150	13543	1	-49.9	28.3	1	60	297	8
200	12013	2	-54.8	12.1	2	86	262	25	200	12056	1	-54.8	9.5	4	87	260	23	200	11662	1	-50.7	16.2	0	54	297	8
300	9350	1	-42.0	8.8	2	85	264	22	300	9400	1	-41.1	9.7	5	87	256	21	300	9044	1	-48.4	5.9	2	41	315	7
500	5688	1	-14.6	12.9	1	87	266	17	500	5724	1	-13.7	11.5	4	83	258	14	500	5491	1	-22.7	6.2	0	51	320	5
700	3056	1	1.7	13.5	2	87	267	12	700	3078	1	3.5	12.5	3	72	270	8	700	2943	1	-7.1	7.7	0	68	315	5
850	1467	1	9.7	8.9	5	76	263	8	850	1474	1	13.3	12.7	2	50	271	5	850	1402	1	2.1	6.4	0	63	309	5
970	* 361		9.6	1.3					954	* 506		10.8	3.5					1001	* 95		4.1	2.7				

# 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
<b>N AMERICA - CANADA</b> HALL BEACH UA, N.W.T. 71081 SEP 2002 6846N 08113W OB 3									<b>N AMERICA - CANADA</b> ALERT UA, N.W.T. 71082 SEP 2002 8230N 06220W OB 3									<b>N AMERICA - CANADA</b> PORT HARDY UA, B.C. 71109 SEP 2002 5041N 12722W OB 3								
030	23910	0	-54.3	30.8	3	70	278	4	030	23844	0	-54.8	27.9	0	77	280	4	030	24076	7	-53.8	28.3	4	65	351	3
050	20628	0	-52.6	30.7	4	61	279	3	050	20561	0	-52.8	28.6	0	80	279	5	050	20804	6	-54.9	27.1	5	54	287	4
100	16108	0	-48.4	30.9	2	48	272	4	100	16042	0	-49.2	29.7	0	84	270	7	100	16381	2	-55.8	23.7	1	83	277	13
150	13431	0	-46.8	29.6	3	36	279	4	150	13379	0	-47.6	28.6	1	85	267	7	150	13788	1	-54.4	19.8	0	82	279	20
200	11522	0	-46.7	25.5	1	24	266	3	200	11479	0	-47.7	24.0	0	82	267	8	200	11948	1	-54.8	13.9	1	79	280	24
300	8863	0	-48.8	8.1	2	4	220	1	300	8834	0	-51.2	7.5	1	65	261	9	300	9298	1	-42.9	7.3	1	74	282	22
500	5349	0	-26.5	8.1	1	10	86	2	500	5350	0	-28.9	7.7	0	53	268	5	500	5663	1	-16.9	12.9	1	77	276	15
700	2843	0	-12.0	5.8	1	30	79	3	700	2870	0	-14.2	7.6	0	16	305	1	700	3058	1	-1.3	11.9	1	69	283	9
850	1337	0	-5.0	3.2	2	32	84	3	850	1377	0	-8.0	5.8	0	32	3	2	850	1489	1	5.8	6.1	1	55	274	5
1005	* 6		1.4	1.6					1010	* 65		-6.7	2.1					1014	* 17		10.4	.9				
<b>N AMERICA - CANADA</b> EDMONTON STONY PLAIN, ALTA 71119 SEP 2002 5332N 11406W OB 3									<b>N AMERICA - CANADA</b> SABLE ISLAND, N.S. 71600 SEP 2002 4356N 06001W OB 3									<b>N AMERICA - CANADA</b> YARMOUTH, N.S. 71603 SEP 2002 4352N 06606W OB 3								
030	24018	0	-54.3	29.7	1	58	321	3	030	24023	0	-54.1	30.0	0	54	65	3	030	24038	0	-53.7	28.5	0	46	66	2
050	20750	0	-54.7	28.7	1	78	291	5	050	20775	0	-58.0	28.6	1	38	298	2	050	20789	0	-58.0	26.2	0	46	300	2
100	16308	0	-53.5	27.0	0	80	276	12	100	16470	0	-63.8	22.2	1	78	282	10	100	16490	0	-64.3	19.9	0	83	284	12
150	13695	0	-52.7	22.8	0	80	273	20	150	13976	0	-61.2	17.1	1	78	285	18	150	13993	0	-61.0	15.5	1	83	284	20
200	11841	0	-54.3	13.1	1	77	274	25	200	12172	1	-56.8	12.3	0	77	284	24	200	12196	1	-56.3	9.9	1	81	281	24
300	9202	1	-44.5	7.9	1	75	269	27	300	9503	0	-38.1	10.5	0	79	275	21	300	9516	0	-37.8	11.1	0	83	276	21
500	5594	0	-19.3	10.6	0	82	276	18	500	5782	0	-11.1	14.6	0	81	273	16	500	5791	0	-11.3	13.5	0	82	274	14
700	3013	0	-3.8	5.2	0	86	284	11	700	3119	0	4.2	17.6	0	78	274	11	700	3126	0	4.9	16.2	0	81	277	11
850	1450	0	6.1	6.9	0	70	295	6	850	1517	0	11.0	16.3	0	74	271	8	850	1520	0	11.9	13.4	0	68	272	7
924	* 766		6.0	2.9					1017	* 4		16.8	3.2					1013	* 9		14.9	1.9				
<b>N AMERICA - CANADA</b> MANIWAKI, QUE. 71722 SEP 2002 4623N 07558W OB 3									<b>N AMERICA - CANADA</b> ST. JOHN'S UA, NLFD 71801 SEP 2002 4737N 05245W OB 3									<b>N AMERICA - CANADA</b> SEPT-ILES UA, QUE. 71811 SEP 2002 5013N 06615W OB 3								
030	24058	4	-53.0	30.4	5	49	273	2	030	24013	0	-53.9	28.1	2	15	344	1	030	24027	0	-53.5	26.4	2	78	275	5
050	20804	4	-57.6	28.7	4	64	308	4	050	20756	0	-56.9	27.0	2	32	281	2	050	20766	0	-56.2	25.2	1	72	281	5
100	16465	2	-61.1	23.6	3	87	276	14	100	16402	0	-60.6	22.8	0	81	280	11	100	16384	0	-57.7	22.3	1	88	278	16
150	13943	1	-58.8	19.0	2	85	271	23	150	13867	0	-58.1	18.9	1	82	280	20	150	13825	0	-56.5	18.7	2	88	277	25
200	12119	0	-54.8	13.4	2	82	270	27	200	12048	0	-55.1	14.0	1	78	277	25	200	11992	0	-54.5	13.1	1	82	274	31
300	9443	0	-39.2	11.4	1	78	267	22	300	9375	0	-39.6	11.2	0	74	272	24	300	9329	0	-40.7	9.1	2	76	276	27
500	5741	0	-12.8	13.9	0	83	272	15	500	5692	0	-14.0	13.6	0	79	273	18	500	5656	0	-14.9	10.6	2	82	280	19
700	3097	0	2.4	13.9	0	79	276	11	700	3056	0	1.6	14.4	0	79	269	12	700	3035	0	-.7	11.8	1	80	279	12
850	1505	0	9.8	8.5	1	65	266	7	850	1473	0	7.0	11.6	0	74	265	9	850	1460	0	6.3	5.1	1	65	291	7
994	* 173		11.3	.6					998	* 140		12.3	3.2					1014	* 53		9.2	1.9				



# 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
<b>N AMERICA - CANADA</b> <b>STEPHENVILLE UA,NFLD</b> 71815 SEP 2002 4834N 05834W OB 3									<b>N AMERICA - CANADA</b> <b>GOOSE UA,NFLD.</b> 71816 SEP 2002 5318N 06022W OB 3									<b>N AMERICA - CANADA</b> <b>LA GRANDE IV,QUE.</b> 71823 SEP 2002 5345N 07340W OB 3								
030	24002	0	-53.8	29.3	1	60	291	3	030	24009	1	-53.5	26.6	2	74	275	5	030	23991	1	-54.0	25.2	4	76	283	6
050	20744	0	-56.8	28.3	0	61	285	4	050	20741	1	-55.2	26.0	1	76	271	5	050	20730	0	-55.8	24.1	3	84	275	7
100	16387	0	-59.4	26.1	1	84	278	13	100	16322	1	-54.7	24.7	1	84	273	13	100	16306	0	-54.3	24.1	2	87	274	15
150	13844	0	-57.5	21.3	1	84	278	24	150	13727	1	-53.7	22.3	1	84	272	21	150	13699	0	-52.6	22.3	3	87	271	24
200	12020	0	-55.1	15.2	1	80	278	28	200	11865	1	-52.4	17.3	2	83	276	28	200	11838	0	-51.7	17.3	4	84	271	29
300	9353	0	-40.2	12.6	0	77	275	24	300	9205	1	-42.1	10.0	1	81	275	27	300	9192	1	-43.5	7.2	3	81	273	31
500	5672	0	-14.1	13.5	0	83	277	19	500	5565	1	-17.7	12.7	1	79	280	17	500	5557	0	-18.3	9.9	1	82	270	21
700	3040	0	.8	13.6	0	80	276	12	700	2975	1	-3.8	9.6	1	78	292	12	700	2973	0	-4.6	7.7	2	80	271	13
850	1461	0	5.9	9.6	0	67	271	8	850	1421	1	2.9	3.6	1	60	289	7	850	1423	0	1.9	2.3	2	76	256	10
1011	* 60		12.5	3.7					1005	* 36		9.7	4.8					974	* 307		7.5	1.7				
<b>N AMERICA - CANADA</b> <b>MOOSONEE,ONT.</b> 71836 SEP 2002 5116N 08039W OB 3									<b>N AMERICA - CANADA</b> <b>THE PASS UA, MAN</b> 71867 SEP 2002 5358N 10106W OB 3									<b>N AMERICA - CANADA</b> <b>KUUJUAQ, UA,QUE.</b> 71906 SEP 2002 5807N 06825W OB 3								
030	24032	0	-53.6	29.4	5	68	271	5	030	24006	0	-54.4	27.7	1	55	292	3	030	23998	8	-54.0	28.8		69	288	6
050	20768	0	-55.8	28.1	4	80	270	7	050	20735	0	-54.7	27.4	0	83	288	6	050	20725	7	-54.3	29.3	9	74	290	7
100	16361	0	-55.9	26.4	4	88	268	16	100	16298	0	-53.8	26.7	1	90	270	14	100	16259	4	-51.8	29.3	9	81	276	13
150	13774	0	-54.1	23.5	4	87	269	25	150	13681	0	-52.8	24.1	1	90	271	23	150	13616	3	-49.6	28.0	9	80	266	18
200	11919	1	-52.8	16.5	4	83	266	30	200	11821	0	-53.0	15.6	0	88	271	28	200	11731	3	-49.4	23.6	9	80	275	23
300	9264	0	-42.1	9.1	4	78	268	28	300	9181	0	-44.5	6.2	1	82	270	27	300	9046	2	-45.3	10.7	8	78	275	25
500	5617	0	-16.6	10.5	5	84	271	21	500	5565	0	-19.0	7.6	0	86	277	18	500	5466	0	-22.3	8.9	6	77	266	16
700	3012	0	-1.8	9.3	3	83	272	14	700	2981	0	-3.9	8.6	0	83	281	11	700	2912	0	-7.1	9.3	9	71	260	10
850	1443	0	6.0	7.0	4	80	261	10	850	1423	0	4.6	4.2	0	65	288	6	850	1379	0	-.4	4.7	7	67	249	9
1011	* 10		9.4	1.3					977	* 274		8.1	3.2					1002	* 60		5.7	1.7				
<b>N AMERICA - CANADA</b> <b>INUKJUAQ, QUE</b> 71907 SEP 2002 5827N 07807W OB 3									<b>N AMERICA - CANADA</b> <b>IQALUIT, N.W.T.</b> 71909 SEP 2002 6345N 06833W OB 3									<b>N AMERICA - CANADA</b> <b>CHURCHILL UA,MAN.</b> 71913 SEP 2002 5844N 09405W OB 3								
030	23972	0	-54.2	26.8	0	75	285	5	030	23943	1	-54.5	27.4	2	79	253	5	030	23973	0	-54.2	26.0	0	72	302	5
050	20699	0	-53.9	26.4	0	81	277	6	050	20665	1	-53.3	27.8	2	75	252	5	050	20693	0	-53.5	26.7	0	83	295	6
100	16217	0	-50.9	26.7	0	84	270	12	100	16159	0	-49.1	28.3	2	70	250	7	100	16208	0	-50.7	27.1	0	86	277	11
150	13566	0	-48.6	25.8	1	83	268	16	150	13488	0	-47.4	26.6	1	68	249	9	150	13558	0	-48.9	25.1	0	85	276	15
200	11661	0	-48.8	20.9	1	84	274	21	200	11583	0	-47.5	21.7	1	63	250	11	200	11666	0	-49.6	18.4	0	85	270	21
300	8998	0	-45.4	10.2	1	80	272	22	300	8910	0	-47.1	9.7	2	51	243	11	300	9004	0	-45.9	8.4	0	76	271	24
500	5427	0	-22.5	9.4	0	76	273	15	500	5374	0	-25.1	7.5	1	46	238	6	500	5444	0	-23.3	7.1	0	82	283	14
700	2883	0	-8.0	7.2	0	69	265	10	700	2852	0	-10.2	6.5	3	37	214	4	700	2902	0	-8.1	4.8	0	77	300	9
850	1352	0	-.6	5.2	0	59	262	8	850	1338	0	-4.4	2.0	2	43	163	4	850	1372	0	-1.2	4.2	0	60	316	6
1002	* 6		5.8	3.2					1001	* 34		2.4	1.7					1004	* 29		4.4	1.7				

# 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
<b>N AMERICA - CANADA</b> CORAL HARBOUR UA, N.W.T. 71915 SEP 2002 6412N 08322W OB 3									<b>N AMERICA - CANADA</b> EUREKA UA, N.W.T. 71917 SEP 2002 7959N 08556W OB 3									<b>N AMERICA - CANADA</b> RESOLUTE UA, N.W.T. 71924 SEP 2002 7442N 09458W OB 3								
030	23939	2	-54.6	30.8	3	69	270	5	030	23865	0	-54.8	28.5	0	63	272	3	030	23895	1	-54.8	25.2	3	68	290	4
050	20658	2	-52.8	31.4	4	69	273	5	050	20586	0	-52.8	28.8	0	67	265	4	050	20616	1	-52.9	26.2	3	63	288	3
100	16144	2	-48.7	31.7	2	68	277	7	100	16072	0	-49.0	29.7	0	63	264	5	100	16101	1	-49.2	27.1	3	51	284	4
150	13467	2	-47.3	30.9	2	65	271	8	150	13403	0	-47.6	28.7	0	60	266	5	150	13434	1	-48.0	25.1	2	38	295	4
200	11560	2	-46.2	25.5	3	62	272	10	200	11501	0	-48.1	23.6	0	51	262	5	200	11534	0	-48.3	20.3	1	33	297	4
300	8885	2	-47.5	8.6	3	46	276	10	300	8861	0	-50.6	7.0	0	36	279	6	300	8901	0	-49.8	7.0	2	30	316	5
500	5357	2	-25.8	8.0	2	38	298	6	500	5370	0	-28.1	7.6	0	28	290	3	500	5388	0	-26.4	7.9	1	37	343	4
700	2844	2	-11.4	6.9	2	27	330	4	700	2879	0	-13.3	5.8	0	29	339	2	700	2883	0	-11.7	7.5	1	44	358	4
850	1333	2	-4.1	2.7	5	8	346	1	850	1380	0	-6.5	4.7	0	20	45	1	850	1375	0	-4.8	5.6	1	35	355	2
996	* 57		1.5	1.8					1012	* 10		-5.4	2.6					1003	* 40		-2.8	1.0				
<b>N AMERICA - CANADA</b> CAMBRIDGE BAY UA, N.W.T. 71925 SEP 2002 6908N 10504W OB 3									<b>N AMERICA - CANADA</b> BAKER LAKE UA, N.W.T. 71926 SEP 2002 6419N 09600W OB 3									<b>N AMERICA - CANADA</b> FORT SMITH UA, N.W.T. 71934 SEP 2002 6002N 11156W OB 3								
030	23915	0	-54.2	30.7	0	82	292	5	030	23944	2	-53.9	31.8	3	89	288	6	030	23989	1	-53.7	30.4	2	82	298	5
050	20634	0	-52.6	31.1	0	71	293	4	050	20663	1	-52.7	32.2	2	81	280	5	050	20703	1	-52.7	30.4	1	86	292	7
100	16120	0	-49.5	31.9	0	63	296	5	100	16149	1	-48.8	33.0	2	72	276	7	100	16204	1	-50.2	30.4	1	82	285	9
150	13459	0	-48.0	29.8	2	46	312	4	150	13478	1	-47.3	32.3	2	67	275	7	150	13550	1	-48.8	28.9	0	78	284	12
200	11559	0	-48.5	20.8	0	43	325	5	200	11569	1	-46.2	26.7	2	58	276	7	200	11654	1	-48.2	25.1	0	79	286	15
300	8922	0	-49.5	7.5	0	31	2	5	300	8904	1	-48.3	9.7	2	34	275	6	300	8999	1	-48.3	9.2	1	70	298	15
500	5406	0	-25.7	8.8	0	56	4	6	500	5385	1	-26.2	8.7	2	54	299	5	500	5463	1	-24.2	7.7	0	74	294	10
700	2890	0	-10.7	11.0	0	48	360	5	700	2870	1	-10.4	8.6	2	50	316	4	700	2928	1	-8.2	5.5	0	67	293	7
850	1376	0	-3.7	6.4	0	40	12	4	850	1355	1	-3.6	4.3	2	39	331	3	850	1391	1	1.2	3.2	0	57	299	5
1007	* 26		.1	1.2					1004	* 50		2.0	1.8					984	* 203		5.3	1.7				
<b>N AMERICA - CANADA</b> FORT NELSON UA, B.C. 71945 SEP 2002 5850N 12236W OB 3									<b>N AMERICA - CANADA</b> INUUVIK UA, N.W.T. 71957 SEP 2002 6819N 13332W OB 3									<b>N AMERICA - CANADA</b> WHITEHORSE, UA, Y.T. 71964 SEP 2002 6042N 13504W OB 3								
030	24035	1	-53.8	31.5	3	73	293	6	030	23945	1	-54.1	29.2	1	65	288	6	030	23997	2	-53.4	30.9	4	67	269	6
050	20746	1	-52.6	31.5	3	76	275	7	050	20663	1	-52.6	29.3	0	65	278	6	050	20705	1	-52.9	30.5	3	69	274	6
100	16255	1	-51.0	31.6	2	78	276	9	100	16167	0	-50.6	28.9	0	56	277	5	100	16220	1	-51.8	29.9	3	67	267	8
150	13616	1	-50.2	30.1	2	69	282	11	150	13522	0	-49.9	25.9	1	54	278	7	150	13583	1	-50.3	27.7	2	64	269	10
200	11735	1	-50.5	21.1	2	66	284	14	200	11640	0	-50.5	15.6	0	46	273	7	200	11706	1	-50.8	19.9	2	61	270	12
300	9097	1	-46.8	8.7	2	60	282	15	300	9022	0	-48.8	5.5	0	36	255	8	300	9067	1	-48.2	7.1	3	47	260	9
500	5532	0	-22.0	9.8	2	65	284	8	500	5475	0	-23.2	7.4	0	51	253	6	500	5512	1	-23.1	6.3	2	60	255	7
700	2978	0	-6.6	5.6	3	75	295	8	700	2933	0	-7.7	6.0	0	56	254	5	700	2971	0	-6.1	6.9	1	58	255	4
850	1430	0	4.0	6.1	3	64	306	5	850	1396	0	1.2	6.9	0	36	243	3	850	1425	0	2.9	4.9	1	53	184	3
966	* 378		3.4	1.1					1001	* 103		4.1	2.6					929	* 704		3.4	4.3				

# 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
<b>N AMERICA - JAMAICA</b> KINGSTON/NORMAN MANLEY 78397 SEP 2002 1756N 07647W OB 3																											
030	23907	12	-57.2	25.1					030	23824	17	-58.7		9	99	85	18	030									
050	20729	11	-64.4	19.0					050	20655	16	-65.7		9	98	80	12	050	20654	10	-64.8						
100	16611	10	-75.3	9.8					100	16536	14	-75.2		9	55	57	4	100	16555	6	-76.5			9	9	159	1
150	14235	10	-68.1	9.8					150	14215	13	-68.1		9	45	346	6	150	14193	2	-68.5			4	44	274	4
200	12448	9	-53.6	11.4					200	12388	12	-56.3		9	38	356	5	200	12418	2	-54.5			2	25	301	2
300	9706	9	-31.3	10.4					300	9690	10	-34.5		1	27	311	2	300	9693	2	-32.7	14.2		2	8	237	1
500	5887	9	-5.9	11.7					500	5873	10	-8.5	19.8	1	28	167	2	500	5890	2	-6.4	12.5		2	50	104	3
700	3169	9	10.0	9.1	9	50	113	4	700	3181	10	9.1	4.6	1	47	112	3	700	3178	1	9.5	9.7		3	79	97	6
850	1525	9	18.3	4.5					850	1548	9	17.6	11.2	0	82	112	5	850	1538	1	18.0	4.8		2	86	103	6
1012	* 14		27.4	7.7					1015	* 9		27.5	21.4					1013	* 11		27.4	3.1					
<b>N AMERICA - ST. MAARTEN, ST. EUST., SABA</b> JULIANA AIRPORT, ST. MAARTEN 78866 SEP 2002 1803N 06307W OB 2																											
<b>N AMERICA - ST. MARTIN, ST. BARTH., GUAD.</b> LE RAIZET, GUADELOUPE 78897 SEP 2002 1616N 06131W OB 3																											
<b>N AMERICA - TRINIDAD AND TOBAGO</b> Piarco Int. Airport, TRINIDAD 78970 SEP 2002 1037N 06121W OB 2																											
<b>N AMERICA - CURACAO AND BONAIRE</b> HATO AIRPORT, CURACAO 78988 SEP 2002 1212N 06858W OB 3																											
<b>S AMERICA - BRAZIL</b> BELEM (AEROPORTO) 82193 SEP 2002 0123S 04829W OB 2																											
030	23842	14	-58.8		9	97	90	11	030	23864	7	-58.0		7	99	81	12	030	23931	12	-57.1	24.2		9	54	251	4
050	20683	13	-65.0		9	89	95	6	050	20737	6	-64.3		7	98	90	8	050	20736	8	-63.0	22.3		9	86	277	6
100	16594	8	-76.1		8	45	135	2	100	16571	3	-74.2		3	24	305	1	100	16627	6	-78.0	14.3		6	38	285	3
150	14224	7	-67.6		8	45	280	4	150	14214	1	-67.4		1	82	278	6	150	14256	4	-66.4	14.8		4	71	269	9
200	12437	5	-53.8		7	24	280	2	200	12439	1	-52.5		1	74	291	4	200	12456	4	-52.6	17.4		4	25	227	2
300	9702	2	-31.6	14.0	3	69	115	4	300	9704	0	-32.2	13.6	0	52	82	2	300	9708	4	-30.7	22.4		4	69	86	5
500	5888	0	-5.7	14.1	0	90	90	7	500	5880	0	-5.4	12.4	0	96	91	6	500	5882	3	-5.2	27.0		3	94	89	8
700	3174	0	9.4	6.1	0	91	100	7	700	3162	0	10.3	8.1	0	96	107	8	700	3170	3	8.5	13.3		3	94	100	8
850	1533	0	18.4	5.3	0	88	105	6	850	1517	0	19.7	6.8	0	93	112	9	850	1531	3	18.3	7.5		3	91	111	7
1012	* 15		27.2	2.7					1004	* 62		27.9	3.4					1012	* 16		27.5	4.2					
<b>S AMERICA - BRAZIL</b> MANAUS (AEROPORTO) 82332 SEP 2002 0309S 05959W OB 2																											
<b>S AMERICA - BRAZIL</b> FORTALEZA 82397 SEP 2002 0346S 03836W OB																											
<b>S AMERICA - BRAZIL</b> NATAL (AEROPORTO) 82599 SEP 2002 0555S 03515W OB 2																											
030	23899	14	-57.9	21.9					030									030									
050	20728	10	-64.0	19.5	9	99	286	9	050	20643	9	-65.9		9	69	284	5	050	20739	11	-63.3	21.9		9	86	284	6
100	16619	6	-77.8	13.8	6	36	258	3	100	16570	3	-79.9		4	22	320	2	100	16629	10	-77.1	17.1		9	33	283	3
150	14249	3	-66.6	15.2	4	50	254	6	150	14213	3	-67.9		4	88	267	11	150	14250	8	-66.0	19.6		9	83	270	10
200	12452	3	-52.8	17.1	4	21	220	2	200	12428	3	-54.2		4	53	255	5	200	12453	6	-53.1	21.9		8	60	257	6
300	9705	3	-30.8	20.7	3	64	84	5	300	9697	3	-31.8	31.4	4	43	125	3	300	9711	5	-31.1	27.4		6	33	125	3
500	5886	3	-5.6	23.7	3	88	90	8	500	5882	4	-5.5	35.7	4	86	102	6	500	5884	4	-5.2	32.8		5	75	108	5
700	3175	3	8.7	13.0	3	94	88	8	700	3172	3	8.7	21.6	3	63	83	5	700	3173	4	9.3	26.3		5	78	99	4
850	1539	3	17.9	4.0	3	99	73	8	850	1543	3	15.4	6.4	3	84	121	9	850	1542	4	14.7	6.3		4	97	134	8
1005	* 84		27.2	3.8					1013	* 26		27.4	6.2					1012	* 52		28.8	6.6					

# 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																																																																																																																																																																																																																																																										
<b>S AMERICA - BRAZIL</b> ALTA FLORESTA (AEROPORTO) 82965 SEP 2002 0952S 05606E OB /									<b>S AMERICA - BRAZIL</b> VILHENA (AEROPORTO) 83208 SEP 2002 1244S 06008W OB 2									<b>S AMERICA - BRAZIL</b> SALVADOR 83229 SEP 2002 1301S 03831W OB 2																																																																																																																																																																																																																																																																																							
030									030	23772	8	-59.7			9	77	278	5	030									050	20618	8	-63.4			9	88	280	11	050	20623	5	-66.8			6	83	274	10	050	20618	15	-66.7			9	95	265	9	100	16550	4	-77.5			5	63	265	5	100	16550	3	-77.0			5	86	271	10	100	16553	14	-76.5			9	79	298	8	150	14190	4	-68.5			5	71	261	9	150	14189	3	-68.5			5	84	262	14	150	14176	14	-67.9			9	97	263	16	200	12408	4	-54.6			5	48	256	5	200	12407	3	-54.6			4	79	277	12	200	12394	14	-55.3			9	94	253	15	300	9680	4	-32.3	10.9		5	15	301	1	300	9682	3	-32.5	15.9		4	52	276	6	300	9682	13	-33.5	19.6		9	86	264	9	500	5875	4	-6.2	13.2		5	63	93	3	500	5880	3	-6.7	10.2		3	18	338	1	500	5882	12	-6.8	21.6		9	40	170	2	700	3169	4	8.0	6.3		6	85	70	6	700	3171	3	8.8	7.3		3	75	18	5	700	3175	12	7.3	18.4		9	73	126	4	850	1532	4	18.9	6.1		6	65	77	3	850	1531	3	19.1	7.1		3	54	33	4	850	1549	12	14.6	4.0		9	77	110	5	981	* 288		22.1	2.4						945	* 652		21.9	2.9						1011	* 51		24.9	2.6					
<b>S AMERICA - BRAZIL</b> BOM JESUS DA LAPA 83288 SEP 2002 1316S 04325W OB 2									<b>S AMERICA - BRAZIL</b> BRASILIA (AEROPORTO) 83378 SEP 2002 1552S 04756W OB 3									<b>S AMERICA - BRAZIL</b> CAMPO GRANDE (AEROPORTO) 83612 SEP 2002 2028S 05440W OB 2																																																																																																																																																																																																																																																																																							
030	23743	9	-60.3			9	58	297	4	030	23768	11	-56.1						030									050	20606	7	-66.5			7	91	280	15	050	20614	6	-66.4							050										100	16536	5	-76.3			5	85	280	9	100	16542	4	-76.3							100	16570	6	-74.8			8	98	268	25	150	14168	5	-68.1			5	90	262	14	150	14171	4	-68.3							150	14158	5	-64.2			6	84	284	22	200	12389	5	-55.3			5	85	249	14	200	12392	4	-54.9							200	12352	4	-52.8			5	96	278	24	300	9672	5	-33.1	20.7		6	74	256	7	300	9674	4	-33.5	18.8						300	9635	4	-33.7	14.5		5	90	282	20	500	5873	5	-6.6	27.5		6	40	173	2	500	5882	4	-7.1	21.8						500	5859	4	-9.0	16.5		4	74	286	9	700	3171	5	7.8	12.6		6	38	121	3	700	3180	4	8.4	13.2						700	3166	4	7.5	10.0		4	63	310	6	850	1539	5	16.5	9.3		6	75	90	5	850	1545	4	17.1	9.5						850	1533	4	17.7	12.1		4	37	353	3	965	* 440		25.6	7.3						899	*1061		19.6	6.0						951	* 567		21.5	10.9					
<b>S AMERICA - BRAZIL</b> TRINDADE (ILHA) 83650 SEP 2002 2030S 02919W OB 2									<b>S AMERICA - BRAZIL</b> GALEAO 83746 SEP 2002 2249S 04315W OB 2									<b>S AMERICA - BRAZIL</b> CURITIBA (AEROPORTO) 83840 SEP 2002 2531S 04910W OB 2																																																																																																																																																																																																																																																																																							
030	23773	11	-57.1							030	23864	14	-55.9	22.7					030	23868	12	-55.5	26.2					050	20595	6	-65.3			9	56	291	3	050	20659	9	-62.8	21.7	9	56	298	3	050	20660	10	-62.4	23.6	9	56	283	3	100	16506	6	-74.1			8	95	274	21	100	16517	7	-72.4	16.7	8	95	273	21	100	16470	8	-69.9	28.4	9	96	266	23	150	14108	4	-61.8			6	94	271	25	150	14088	6	-64.8	16.7	7	92	271	30	150	14022	7	-63.6	25.5	9	95	269	32	200	12325	4	-56.1			5	91	263	37	200	12298	5	-55.2	18.4	5	91	267	30	200	12229	5	-55.9	19.2	8	91	266	27	300	9628	3	-35.1	29.6	4	89	278	20	300	9596	5	-35.5	19.5	5	92	266	23	300	9543	3	-37.5	21.5	3	92	267	25	500	5867	3	-8.8	23.7	4	74	269	9	500	5850	5	-9.3	23.1	5	86	260	16	500	5817	3	-10.8	27.0	3	89	261	17	700	3180	3	6.5	26.1	4	54	233	4	700	3167	5	6.7	21.3	5	79	268	8	700	3146	3	5.5	20.2	3	77	272	9	850	1568	3	10.8	5.0	4	25	63	2	850	1551	5	13.2	5.1	5	64	320	4	850	1536	3	11.1	6.1	3	51	346	4	1022	* 5		23.7	4.4						1018	* 6		21.4	2.5						916	* 908		12.9	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
<b>S AMERICA - BRAZIL</b> PORTO ALEGRE (AERO- PORTO) 83971 SEP 2002 3000S 05111W OB 2									<b>S AMERICA - PERU</b> LIMA-CALLAO/AEROP. INTERNACI 84628 SEP 2002 1200S 07707W OB 2									<b>S AMERICA - CHILE</b> ANTOFAGASTA 85442 SEP 2002 2326S 07027W OB 2																
030	23840	14	-55.2	21.8					030	23909	7	-57.2			8	46	234	3	030	23780	4	-57.0												
050	20619	7	-60.9	19.8	8	86	274	10	050	20724	7	-63.4			8	97	263	10	050	20592	3	-63.9	29.3											
100	16371	3	-65.4	18.6	3	95	266	21	100	16606	6	-75.5			6	87	272	9	100	16475	0	-72.8												
150	13876	3	-61.6	18.0	3	97	269	36	150	14196	6	-65.9			6	85	269	13	150	14057	0	-65.2	24.9	4	96	273	35							
200	12074	3	-56.1	17.3	3	93	272	32	200	12374	6	-52.4			6	84	288	15	200															
300	9420	3	-40.5	18.9	3	81	262	22	300	9649	6	-31.2	29.6		6	74	286	11	300	9575	0	-36.7	27.6	3	91	274	25							
500	5734	3	-13.7	18.8	3	91	262	20	500	5858	5	-6.3	17.9		5	30	319	2	500	5835	0	-8.9	35.3	3	78	266	9							
700	3096	3	1.4	17.7	3	83	259	10	700	3137	5	11.2	30.4		5	32	131	2	700	3141	0	9.2		4	65	332	4							
850	1514	3	8.5	13.9	3	51	278	4	850	1496	5	18.1	23.4		5	19	12	1	850	1506	0	17.9												
1018	* 3		14.4	2.3					1013	* 13		15.1	17.0						1003	* 140		13.9	4.0											
<b>S AMERICA - CHILE</b> PUERTO MONTT 85799 SEP 2002 4126S 07306W OB 2									<b>S AMERICA - CHILE</b> PUNTA ARENAS 85934 SEP 2002 5300S 07051W OB 2									<b>S AMERICA - ARGENTINA</b> CORDOBA AERO 87344 SEP 2002 3119S 06413W OB /																
030	23617	4	-56.2		5	81	286	19	030	23192									030	23718	3	-57.7	30.6	5	34	290	3							
050	20391	2	-58.7		3	88	282	18	050	19949	3	-61.7			3	87	285	34	050	20524	2	-58.4	32.4	3	61	290	5							
100	16054	1	-60.2		2	94	274	26	100	15649	3	-61.1	29.0		3	90	282	26	100	16309	2	-62.2	29.8	2	95	275	24							
150	13510	1	-56.8		2	94	271	29	150	13121	1	-60.6	27.5		2	89	280	21	150	13836	1	-61.6	23.1	1	94	270	35							
200	11679	1	-55.8		2	93	271	32	200	11328	1	-60.2	23.9		2	82	276	16	200	12034	1	-57.7	17.0	1	88	270	38							
300	9073	1	-48.4	14.1	2	86	275	30	300	8784	1	-54.9	15.8		1	63	288	13	300	9400	1	-42.1	15.3	1	82	265	30							
500	5530	1	-23.2	13.5	4	88	273	20	500	5349	0	-29.9	14.4		1	55	284	8	500	5738	1	-14.5	18.2	3	91	275	18							
700	2989	1	-8.0	12.0					700	2861	0	-12.1	9.0		1	58	283	7	700	3097	1	3.3	17.3	4	63	280	6							
850	1457	1	-3	4.3					850	1348	0	-3.0	4.9		3	58	284	7	850	1501	1	10.8	12.3	5	21	280	5							
1007	* 90		6.4	.8					1001	* 43		2.7	2.0						961	* 474		10.5	5.5											
<b>S AMERICA - ARGENTINA</b> EZEIZA AERO 87576 SEP 2002 3449S 05832W OB 3									<b>ANTARCTICA - UNITED KINGDOM (ANTARCTIC)</b> HALLEY 89022 SEP 2002 7530S 02639W OB 2									<b>ANTARCTICA - USSR (ANTARCTIC)</b> MIRNYJ 89592 SEP 2002 6633S 09301E OB 1																
030	23733	8	-57.3		9	39	275	4	030	21816	2	-68.1	18.0		3	70	230	22	030	23232	4	-40.9	13.7	6	81	297	45							
050	20520	3	-59.5		5	79	285	8	050	18816	1	-75.7	14.1		2	86	235	24	050	19765	3	-45.7	10.6	4	83	294	44							
100	16248	2	-63.0		3	95	270	24	100	14827	1	-75.6	12.2		2	92	229	22	100	15237	2	-54.0	6.7	2	82	291	29							
150	13728	1	-59.3		3	93	270	33	150	12458	1	-71.4	11.7		2	93	224	21	150	12661	0	-57.9	5.7	0	78	287	19							
200	11923	0	-57.3		4	83	275	35	200	10747	1	-68.6	10.7		2	88	219	20	200	10853	0	-59.2	5.0	0	61	284	11							
300	9299	0	-43.8	12.0	5	84	270	33	300	8285	1	-60.3	10.7		4	76	222	20	300	8315	0	-56.7	4.7	0	21	260	3							
500	5672	0	-17.6	16.4	3	87	265	22	500	4939	1	-37.6	9.9		2	66	220	13	500	4939	0	-36.9	6.6	0	17	106	2							
700	3072	0	-1.7	15.8	1	67	255	8	700	2542	1	-22.7	13.1		2	58	210	8	700	2572	0	-23.1	5.7	0	72	81	8							
850	1502	0	6.9	16.2	3	56	220	5	850	1105	1	-19.9	11.7		2	33	161	3	850	1169	0	-19.2	4.8	0	98	86	15							
1016	* 20		11.5	2.5					984	* 30		-31.3	3.3						978	* 30		-16.0	4.0											

# 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	%	°
<b>ANTARCTICA - GERMANY (ANTARCTIC)</b> NEUMAYER 89002 SEP 2002 7040S 00815W OB 2									<b>ANTARCTICA - JAPAN (ANTARCTIC)</b> SYOWA 89532 SEP 2002 6900S 03935E OB 1									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> MAWSON 89564 SEP 2002 6736S 06252E OB 3														
030	21896	2	-69.2	28.4	6	85	253	35	030	21953	5	-60.6		6	75	297	32	030														
050	18887	1	-74.2	25.1	7	89	248	32	050	18868	4	-67.8		4	82	284	28	050	19201	8	-57.5	25.4										
100	14854	0	-74.0	25.2	6	88	240	24	100	14755	4	-72.1		4	83	276	18	100	14920	6	-65.5	21.3										
150	12469	0	-70.0	25.1	6	84	235	20	150	12365	2	-71.1		2	77	276	12	150	12460	3	-66.9	17.4										
200	10745	0	-67.2	22.2	6	80	230	19	200	10659	2	-70.1		2	66	273	10	200	10721	1	-66.6	14.1										
300	8273	0	-60.8	17.2	6	71	226	17	300	8217	2	-62.5		2	40	275	6	300	8247	0	-61.8	10.7	7	30	297	4						
500	4937	0	-38.5	14.4	6	67	214	13	500	4917	2	-41.1		2	22	347	3	500	4929	0	-39.4	6.8	2	17	30	2						
700	2554	0	-24.3	14.4	6	49	201	7	700	2553	2	-25.7	5.2	2	37	59	3	700	2549	0	-24.7	6.5	0	35	109	4						
850	1125	0	-20.8	8.8	6	13	150	2	850	1126	2	-18.9	4.8	3	77	41	8	850	1127	0	-20.4	7.9	0	83	93	10						
984	* 50		-26.0	2.6					985	* 21		-17.8	3.9					9999	* 16													
<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> DAVIS 89571 SEP 2002 6835N 07758W OB 3									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> CASEY 89611 SEP 2002 6617S 11031E OB 3									<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b> PENANG/BAYAN LEPAS 48601 SEP 2002 0518N 10016E OB 3														
030									030	23299	5	-42.3	34.0	5	84	294	44	030	23779	19	-60.2	30.2	9	16	114	1						
050	19236	6	-55.7	29.9					050	19896	3	-45.1	32.8	3	85	290	41	050	20635	13	-66.4	24.8	9	24	261	2						
100	14943	3	-64.7	23.7	8	77	288	26	100	15319	3	-50.9	29.0	3	85	288	30	100	16562	3	-78.1	11.9	3	71	87	9						
150	12485	3	-66.5	19.1	7	78	281	18	150	12703	3	-54.6	26.3	3	84	289	22	150	14215	3	-68.6	10.4	3	98	76	27						
200	10747	3	-66.9	14.9	7	68	279	12	200	10871	3	-56.9	22.5	3	81	288	15	200	12431	3	-53.7	9.3	3	97	73	21						
300	8277	2	-60.6	12.0	3	39	283	6	300	8324	3	-57.7	12.7	3	58	294	8	300	9690	2	-30.9	7.7	2	91	78	8						
500	4938	2	-38.2	11.3	6	36	254	4	500	4956	3	-37.2	9.4	3	43	299	4	500	5866	2	-5.6	4.9	2	24	206	1						
700	2550	2	-24.3	12.6	5	13	106	1	700	2559	3	-22.7	10.7	3	15	23	1	700	3151	1	9.4	7.2	1	74	277	6						
850	1121	2	-19.9	8.3	5	86	53	7	850	1117	3	-17.0	6.4	3	54	55	4	850	1512	1	18.2	6.0	1	73	283	4						
9999	* 13								9999	* 42								9999	* 4													
<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b> KOTA BHARU 48615 SEP 2002 0610N 10217E OB 3									<b>SW PACIFIC - USA (PACIFIC OCEAN NORTH)</b> HILO/GEN. LYMAN, HAWAII, 91285 SEP 2002 1943N 15504W OB 2									<b>SW PACIFIC - NEW CALEDONIA</b> NOUMEA (NLLE-CALEDONIE) 91592 SEP 2002 2216S 16627E OB /														
030	23781	0	-60.1	29.4	0	43	96	3	030	23837	2	-57.6	14.0	2	98	92	20	030	23778	5	-57.5		6	96	89	13						
050	20636	0	-66.2	25.1	0	8	39	1	050	20672	2	-65.1	11.2	2	98	88	13	050	20596	0	-64.3		2	73	88	4						
100	16570	0	-78.6	13.0	0	80	84	11	100	16575	9	-75.9	8.4	9	64	205	4	100	16504	0	-76.4		2	95	270	20						
150	14223	0	-68.4	11.5	0	98	76	24	150	14188	9	-65.8	10.4	9	89	242	14	150	14127	0	-66.4		1	96	273	35						
200	12438	0	-53.4	10.5	0	97	73	18	200	12394	9	-54.0	12.4	9	81	243	16	200	12331	1	-53.1		2	94	277	38						
300	9695	0	-30.6	8.6	0	92	81	9	300	9672	8	-33.1	16.5	9	76	246	10	300	9599	0	-32.7	27.1	1	92	277	35						
500	5868	0	-5.2	6.0	0	24	197	1	500	5871	3	-5.9	21.1	2	38	188	2	500	5816	0	-8.7	32.8	1	90	272	19						
700	3150	0	9.6	7.7	0	67	275	5	700	3152	1	9.9	26.4	2	54	88	2	700	3135	1	5.5	30.3	3	56	281	5						
850	1511	0	18.5	6.7	0	87	275	7	850	1528	2	13.9	2.1	2	68	77	3	850	1534	0	10.4	5.9	3	29	36	2						
9999	* 5								1015	* 11		21.6	2.3					1011	* 72		23.1	6.5										

# 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
<b>SW PACIFIC - FIJI</b> <b>NANDI</b> 91680 SEP 2002 1745S 17727E OB 3								<b>SW PACIFIC - SAMOA (USA)</b> <b>PAGO PAGO/INT. AIRPORT</b> 91765 SEP 2002 1420S 17043W OB 2								<b>SW PACIFIC - NEW ZEALAND</b> <b>PARAPARAUMU AERODROME</b> 93417 SEP 2002 4054S 17459E OB 1												
030	23840	10	-56.7						030	23730	1	-58.7	18.3	1	23	99	1		030									
050	20660	7	-65.0						050	20590	1	-68.0	10.7	1	91	272	6		050	20652	9	-52.2						
100	16594	5	-78.8	18.1					100	16567	1	-80.9	6.8	1	84	266	11		100	16191	1	-54.1			3	92	270	13
150	14230	5	-66.4	19.4					150	14224	2	-68.0	8.3	2	83	268	11		150	13579	0	-52.5			0	92	273	21
200	12432	3	-52.7	20.2					200	12435	1	-53.5	11.9	1	85	262	12		200	11717	0	-52.5			0	89	272	23
300	9690	1	-31.1	22.6					300	9694	1	-31.2	16.7	1	82	258	10		300	9103	0	-48.3			0	76	268	19
500	5871	0	-5.4	29.1					500	5876	1	-5.6	18.1	1	66	297	5		500	5553	0	-22.1	14.3	0	81	270	16	
700	3159	0	9.1	21.9					700	3163	1	9.7	12.1	1	35	55	2		700	2989	0	-4.8	16.0	0	80	280	14	
850	1529	0	15.7	5.3					850	1524	1	17.1	4.3	1	87	92	7		850	1441	0	2.6	7.3	0	77	303	10	
1013	* 25		27.0	6.8					1013	* 3		26.9	3.1						1012	* 12		13.2	4.2					
<b>SW PACIFIC - NEW ZEALAND</b> <b>INVERCARGILL AERODROME</b> 93844 SEP 2002 4625S 16819W OB 1								<b>SW PACIFIC - NEW ZEALAND</b> <b>CHATHAM ISLAND</b> 93986 SEP 2002 4357S 17634W OB 1								<b>SW PACIFIC - NEW ZEALAND</b> <b>KERMADEC IS.</b> 93997 SEP 2002 2915S 17755W OB 1												
030									030	23995	8	-49.8		8	47	123	5		030	23838	10	-56.1						
050	20668	3	-49.1		2	52	255	5	050	20659	4	-50.8		4	34	218	3		050	20623	1	-60.5			5	60	108	5
100	16121	1	-50.4		2	90	277	14	100	16153	2	-52.0		2	89	268	13		100	16393	0	-66.9			2	96	269	23
150	13469	1	-49.1		1	91	274	21	150	13520	2	-50.8		2	91	272	19		150	13916	0	-60.9			2	97	266	40
200	11582	1	-49.6		1	85	279	22	200	11645	2	-52.0		2	83	271	20		200	12096	0	-53.0			2	95	270	47
300	8946	1	-49.5		1	78	282	24	300	9030	1	-49.6		2	69	272	21		300	9399	0	-39.2			1	91	272	38
500	5430	0	-25.1	11.0	0	83	277	18	500	5502	1	-23.5	16.1	2	72	277	15		500	5735	0	-16.2	26.4	2	89	267	18	
700	2899	0	-7.9	8.8	1	87	277	17	700	2952	1	-6.0	14.3	2	81	280	14		700	3122	0	.0	18.7	2	73	260	8	
850	1364	0	.6	4.0	1	88	285	14	850	1407	1	1.9	7.7	1	71	281	10		850	1546	0	6.7	9.0	2	47	266	4	
1004	* 4		10.9	4.7					1004	* 48		11.4	4.0						1017	* 49		19.0	6.7					
<b>SW PACIFIC - AUSTRALIA</b> <b>DARWIN AIRPORT</b> 94120 SEP 2002 1225S 13053E OB /								<b>SW PACIFIC - AUSTRALIA</b> <b>GOVE AIRPORT</b> 94150 SEP 2002 1217S 13649E OB /								<b>SW PACIFIC - AUSTRALIA</b> <b>BROOME AIRPORT</b> 94203 SEP 2002 1757S 12214E OB /												
030	23765	1	-59.4	30.9	1	18	92	1	030	23748	3	-59.7	30.4	3	9	324	1		030	23765	0	-58.2	31.0	1	97	85	12	
050	20612	1	-65.2	28.1	1	76	265	6	050	20601	0	-65.9	25.6	0	82	267	6		050	20599	0	-65.2	28.1	1	78	133	5	
100	16576	1	-81.4	14.4	1	54	97	4	100	16566	0	-81.0	13.1	0	40	123	3		100	16564	0	-79.7	14.0	1	74	260	7	
150	14237	1	-68.0	15.5	1	41	56	4	150	14229	0	-68.2	13.9	0	29	75	3		150	14214	0	-67.5	15.8	1	92	279	15	
200	12449	0	-53.5	19.7	0	20	66	2	200	12443	0	-53.7	18.2	0	7	71	1		200	12424	0	-53.5	19.1	1	92	279	18	
300	9709	0	-30.7	30.3	0	15	79	1	300	9704	0	-30.8	26.5	1	30	71	2		300	9685	0	-31.0	28.9	1	94	272	16	
500	5881	0	-5.0	34.4	0	26	117	2	500	5877	0	-5.0	32.7	0	36	123	2		500	5866	0	-5.4	38.4	1	96	273	12	
700	3169	0	8.9	23.8	3	65	108	4	700	3164	0	8.8	25.0	0	56	129	4		700	3161	0	8.2	27.1	1	69	315	5	
850	1540	0	16.7	7.4	1	91	97	6	850	1537	0	16.1	11.1	1	84	92	7		850	1532	0	17.9	16.5	1	72	347	5	
9999	* 31								9999	* 54									9999	* 7								

# UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>SW PACIFIC - AUSTRALIA</b> <b>TOWNSVILLE AERO</b> 94294 SEP 2002 1915S 14645E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>WILLIS ISLAND</b> 94299 SEP 2002 1618S 14959E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>PORT HEDLAND PARDOO</b> 94312 SEP 2002 2022S 11838E OB /									
030	23752	0	-58.7	30.9	1	97	89	12	030	23743	1	-59.4	31.0	1	93	85	8	030	23769	4	-57.6	29.2	4	99	87	15	
050	20593	0	-66.0	28.1	1	77	106	6	050	20597	1	-66.7	28.4	1	28	131	2	050	20600	2	-65.1	23.3	3	89	123	6	
100	16544	0	-79.4	14.3	0	92	263	13	100	16561	1	-80.5	13.8	1	68	259	6	100	16548	2	-77.9	15.1	3	90	264	12	
150	14191	0	-67.3	16.9	0	93	266	22	150	14219	0	-68.0	15.4	0	80	270	12	150	14187	2	-67.1	17.2	2	96	277	25	
200	12399	0	-53.1	20.7	0	96	266	24	200	12431	0	-53.5	20.1	0	87	271	13	200	12394	2	-53.2	19.4	2	96	274	29	
300	9660	0	-31.3	29.6	0	92	268	23	300	9691	0	-30.9	32.2	0	82	269	12	300	9657	0	-31.3	27.5	2	99	273	27	
500	5853	0	-6.7	36.3	0	87	263	13	500	5871	0	-5.7	37.8	0	66	258	7	500	5851	0	-6.3	32.3	0	97	271	15	
700	3165	0	6.3	27.7	1	49	180	3	700	3165	0	8.3	27.3	0	24	230	2	700	3148	0	8.3	33.3	0	80	296	7	
850	1550	0	14.9	17.6	1	52	70	3	850	1543	0	14.8	15.4	0	88	112	6	850	1525	0	16.3	21.0	0	22	12	2	
9999	* 9								9999	* 6									9999	* 9							
<b>SW PACIFIC - AUSTRALIA</b> <b>ALICE SPRINGS AERO</b> 94326 SEP 2002 2348S 13353E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>MT ISA AERO</b> 94332 SEP 2002 2041S 13929E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>GERALDTON AIRPORT</b> 94403 SEP 2002 2848S 11442E OB /									
030	23819	0	-56.6	31.6	2	98	92	16	030	23787	2	-57.9	30.8	2	97	91	13	030	23837	4	-56.4	30.9	5	97	93	16	
050	20629	0	-63.2	29.5	3	97	95	10	050	20614	1	-64.6	28.9	1	89	106	7	050	20630	4	-61.4	29.1	5	89	110	7	
100	16515	0	-75.2	19.7	2	96	268	21	100	16545	1	-78.5	16.5	1	93	266	14	100	16433	1	-68.3	21.9	2	94	270	22	
150	14126	0	-66.1	23.5	2	97	270	40	150	14183	1	-66.9	18.9	1	96	267	26	150	13971	1	-61.2	23.7	1	96	269	40	
200	12326	0	-52.5	28.3	2	94	266	41	200	12389	0	-53.1	22.4	1	93	261	29	200	12149	1	-52.3	24.9	1	94	270	44	
300	9588	0	-32.4	34.7	1	96	267	40	300	9651	0	-31.5	31.0	1	90	265	27	300	9438	0	-36.3	26.3	0	88	271	38	
500	5817	0	-10.3	34.7	1	92	270	19	500	5847	0	-8.1	33.5	1	92	262	15	500	5738	0	-14.5	30.6	0	78	264	13	
700	3161	0	4.9	16.9	1	81	290	8	700	3173	0	5.3	20.1	1	50	209	3	700	3108	0	1.7	27.2	0	60	254	6	
850	1544	0	15.1	22.1	1	18	30	2	850	1553	0	17.3	23.1	1	41	50	3	850	1522	0	8.1	15.2	0	47	236	4	
9999	* 546								9999	* 340									9999	* 33							
<b>SW PACIFIC - AUSTRALIA</b> <b>GILES</b> 94461 SEP 2002 2502S 12817E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>PERTH AIRPORT</b> 94610 SEP 2002 3156S 11558E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>COBAR</b> 94711 SEP 2002 3129S 14550E OB /									
030	23802	1	-57.3	29.8					030	23851	3	-55.6	31.4	4	99	92	14	030	23880	7	-54.6	32.4					
050	20613	1	-63.0	26.3					050	20622	2	-59.5	30.3	3	76	103	5	050	20637	2	-58.3	31.3	6	82	86	6	
100	16488	0	-73.8	17.9					100	16357	2	-64.8	25.8	3	94	267	21	100	16357	0	-63.4	29.6	5	95	264	21	
150	14085	0	-65.5	19.0					150	13856	2	-58.9	26.8	2	95	269	37	150	13846	0	-58.1	30.9	4	95	268	38	
200	12282	0	-52.5	22.3					200	12026	2	-52.6	25.2	2	94	271	43	200	12009	0	-51.9	30.7	4	95	265	44	
300	9550	0	-33.3	27.7					300	9335	1	-41.0	20.1	1	87	266	30	300	9329	0	-41.6	25.5	3	91	266	34	
500	5797	0	-11.0	29.5	1	91	274	21	500	5693	1	-16.7	23.5	1	85	265	15	500	5699	0	-18.2	24.5	4	85	273	18	
700	3145	0	3.9	16.8	2	88	288	10	700	3081	0	-1	23.3	0	76	261	10	700	3101	0	-6	23.2	5	77	277	11	
850	1533	0	15.1	19.7	2	23	305	2	850	1508	0	5.7	10.8	1	67	260	7	850	1525	0	7.9	14.5	4	63	273	6	
9999	* 598								9999	* 31									9999	* 264							



# 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
<b>SW PACIFIC - AUSTRALIA</b> WILLIAMTOWN AERODROME 94776 SEP 2002 3248S 15150E OB /									<b>SW PACIFIC - AUSTRALIA</b> ALBANY AIRPORT 94802 SEP 2002 3456S 11748E OB /									<b>SW PACIFIC - AUSTRALIA</b> MOUNT GAMBIER AERO 94821 SEP 2002 3744S 14047E OB /								
030	23904	7	-53.4	32.6					030	23919	9	-53.8	31.2					030	23950	7	-51.2	33.4	7	97	87	12
050	20643	3	-57.2	31.4	7	70	92	5	050	20653	6	-56.6	30.4	8	52	127	3	050	20654	3	-53.8	32.6	3	54	104	3
100	16323	1	-61.5	29.2	6	97	261	20	100	16310	1	-60.4	27.7	2	93	264	20	100	16233	0	-56.1	31.3	0	94	264	18
150	13788	1	-56.9	29.9	5	96	266	34	150	13762	0	-55.4	28.6	0	95	266	33	150	13644	0	-53.4	31.9	0	94	267	28
200	11947	1	-52.2	28.4	5	94	262	40	200	11914	0	-51.9	25.9	0	94	266	37	200	11786	0	-52.3	26.6	0	92	267	32
300	9289	0	-44.0	19.1	5	85	264	27	300	9250	0	-44.0	16.7	0	85	262	27	300	9144	0	-45.8	19.4	0	84	268	30
500	5680	0	-18.4	19.7	4	78	268	15	500	5638	0	-18.3	19.0	0	86	261	20	500	5570	0	-21.1	18.3	0	80	277	20
700	3083	0	-.7	22.7	2	78	270	11	700	3042	0	-1.7	20.6	0	82	260	14	700	3002	0	-4.7	15.5	0	85	272	15
850	1507	0	8.1	12.4	2	70	277	7	850	1479	0	3.4	6.2	1	81	263	11	850	1453	0	2.4	9.1	0	77	283	11
9999	* 8								9999	* 69								9999	* 69							
<b>SW PACIFIC - AUSTRALIA</b> WAGGA AIRPORT 94910 SEP 2002 3510S 14727E OB /									<b>SW PACIFIC - AUSTRALIA</b> HOBART AIRPORT 94975 SEP 2002 4250S 14729E OB /									<b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b> LORD HOWE ISLAND AERO 94995 SEP 2002 3132S 15904E OB /								
030	23918	2	-52.5	31.9	4	97	88	14	030	24024	3	-49.1	33.2	4	81	85	8	030	23877	0	-54.2	30.1	0	98	88	16
050	20642	2	-55.6	30.9	4	75	90	4	050	20674	2	-49.6	33.0	5	16	69	1	050	20632	0	-58.2	29.1	0	87	92	6
100	16275	1	-59.1	29.1	3	93	266	18	100	16157	2	-51.4	32.3	2	87	275	13	100	16341	0	-63.4	27.9	0	96	270	20
150	13722	1	-55.4	29.8	3	96	267	31	150	13516	2	-49.8	32.3	2	93	273	22	150	13824	0	-57.6	28.6	0	97	270	36
200	11873	1	-51.8	26.8	3	94	264	36	200	11630	1	-50.0	27.9	1	91	271	26	200	11982	0	-51.5	28.9	0	96	270	43
300	9217	0	-45.0	17.8	2	86	268	29	300	8988	1	-47.7	17.7	1	80	273	25	300	9303	0	-42.5	22.1	0	90	270	30
500	5630	0	-19.9	20.3	1	83	272	19	500	5455	0	-24.0	15.7	0	83	273	22	500	5684	0	-18.6	16.7	0	88	267	15
700	3053	0	-3.4	17.0	1	82	268	13	700	2917	0	-7.4	10.3	0	87	270	18	700	3088	0	-1.0	19.3	0	79	264	10
850	1494	0	5.0	11.3	1	70	275	7	850	1380	0	.6	5.6	2	90	285	16	850	1513	0	7.8	11.1	0	58	277	6
9999	* 213								9999	* 27								9999	* 6							
<b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b> NORFOLK ISLAND AERO 94996 SEP 2002 2902S 16756E OB /									<b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b> MACQUARIE ISLAND 94998 SEP 2002 5429S 15856E OB 3									<b>SW PACIFIC - BRUNEI DARUSSALAM</b> BRUNEI AIRPORT 96315 SEP 2002 0456N 11456E OB 3								
030	23865	1	-55.2	31.2	1	97	93	15	030	23986	2	-44.5	34.6	5	53	254	10	030								
050	20640	1	-60.3	29.7	1	78	98	5	050	20572	2	-44.8	34.6	5	80	267	14	050	20614		-66.0	18.9	9	29	246	2
100	16405	0	-67.1	25.7	0	97	271	22	100	15934	2	-46.0	33.7	4	95	274	20	100	16548	2	-78.5	11.7	3	68	90	7
150	13927	0	-60.6	26.3	0	96	273	43	150	13239	1	-46.3	33.3	3	93	275	21	150	14200	1	-68.7	10.4	2	97	77	23
200	12100	0	-51.6	26.6	0	93	273	51	200	11331	1	-47.4	30.0	3	90	277	22	200	12418	0	-53.7	9.1	1	95	64	19
300	9394	0	-38.7	24.2	1	90	271	38	300	8675	1	-50.2	17.1	2	83	275	24	300	9678	0	-30.9	9.5	1	94	79	10
500	5732	0	-16.1	21.2	0	87	271	13	500	5202	1	-28.4	11.3	2	83	279	21	500	5858	0	-5.9	6.1	1	66	91	4
700	3113	0	.6	23.1	0	58	284	5	700	2703	1	-12.4	11.7	1	80	282	15	700	3146	0	8.8	4.9	3	37	245	2
850	1534	0	7.6	10.7	0	45	309	3	850	1196	0	-4.2	7.0	0	77	284	13	850	1508	0	18.2	5.6	3	72	248	4
9999	* 109								9999	* 6								1005	* 15		26.7	3.0				

# 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
<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>KUCHING</b> 96413 SEP 2002 0129N 11020E OB 3									<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>BINTULU</b> 96441 SEP 2002 0312N 11302E OB 3									<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>KOTA KINABALU</b> 96471 SEP 2002 0556N 11603E OB 3										
030	23782	0	-60.3	29.6	0	70	279	6	030	23800	14	-59.0	31.1	9	50	271	3	030	23790	4	-60.0	30.3	4	59	85	4		
050	20642	0	-65.8	26.1	0	76	270	7	050	20649	9	-66.3	25.3	9	73	271	7	050	20647	1	-65.6	26.8	1	14	113	1		
100	16570	0	-77.7	13.3	0	31	90	3	100	16576	3	-78.2	12.2	5	38	78	4	100	16576	0	-79.1	13.3	0	83	84	10		
150	14214	0	-68.4	11.2	0	97	71	24	150	14222	3	-68.5	10.1	3	97	75	25	150	14230	0	-68.3	12.2	0	96	76	21		
200	12431	0	-53.8	9.7	0	95	65	19	200	12437	3	-53.6	9.1	3	97	67	20	200	12444	0	-53.3	11.8	1	93	64	17		
300	9692	0	-31.0	9.5	0	94	82	11	300	9694	3	-30.6	8.9	3	94	84	11	300	9699	0	-30.6	10.4	1	91	78	9		
500	5872	0	-5.9	8.4	0	63	81	4	500	5869	2	-5.6	6.2	2	63	83	4	500	5872	0	-5.4	8.4	0	48	98	3		
700	3160	0	9.2	6.3	0	29	246	2	700	3155	1	9.4	6.2	1	43	240	2	700	3156	0	9.5	7.0	0	46	254	3		
850	1520	0	18.6	6.1	0	46	212	2	850	1514	1	19.0	6.2	1	73	247	3	850	1517	0	18.4	6.8	0	77	245	5		
9999	* 27								9999	* 5									9999	* 3								
<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>TAWAU</b> 96481 SEP 2002 0416N 11753E OB 3									<b>SW PACIFIC - AUSTRALIA (OCEAN ISLANDS)</b> <b>COCOS ISLAND AERO</b> 96996 SEP 2002 1211S 09649E OB 3																			
030	23789	1	-59.8	30.6	1	8	267	1	030	23727	4	-58.8	26.8	5	45	142	2											
050	20643	0	-65.8	27.7	0	41	268	3	050	20582	3	-67.5	20.2	4	69	274	4											
100	16571	0	-78.9	13.9	0	72	85	9	100	16548	2	-78.8	12.4	3	69	95	5											
150	14222	0	-68.2	12.6	0	96	75	22	150	14197	1	-68.5	11.3	2	90	17	13											
200	12436	0	-53.4	13.0	0	95	60	18	200	12417	0	-54.4	11.8	2	85	3	10											
300	9693	0	-30.7	15.2	0	93	79	11	300	9686	0	-31.6	19.0	0	42	38	3											
500	5868	0	-5.5	9.8	0	70	92	5	500	5865	0	-5.0	30.3	0	0	295	0											
700	3154	0	9.3	6.9	0	30	264	2	700	3148	0	10.0	25.2	0	29	213	2											
850	1514	0	18.7	6.8	0	54	238	2	850	1522	0	13.7	4.5	0	88	114	6											
9999	* 20								9999	* 3																		

# STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	71082	T	ALERT UA, N.W.T.	CANADA
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	08359	C	ALICANTE	SPAIN
40831	C	ABADAN	IRAN, ISLAMIC REP	08360	C	ALICANTE/ELALTET	SPAIN
47409	C	ABASHIRI	JAPAN	94326	CT	ALICE SPRINGS AERO	AUSTRALIA
07005	C	ABBEVILLE	FRANCE	42475	C	ALLAHABAD/BAMHRAULI	INDIA
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	72517	C	ALLETOWN/A.-BETHLEHEM-.,PA.	USA
03502	C	ABERPORTH	U KINGDOM	36870	C	ALMATY	KAZAKHSTAN
41112	C	ABHA	SAUDI ARABIA	08487	C	ALMERIA/AEROPUERTO	SPAIN
72266	C	ABILENE/MUN.,TX.	USA	82965	T	ALTA FLORESTA (AEROPORTO)	BRAZIL
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	44277	C	ALTAI	MONGOLIA
62640	C	ABU HAMED	SUDAN	51076	C	ALTAY	CHINA
62795	C	ABU NA'AMA	SUDAN	42071	C	AMRITSAR	INDIA
76805	C	ACAPULCO,GRO.	MEXICO	25563	C	ANADYR'	RUSSIAN FEDERATION
80427	C	ACARIGUA	VENEZUELA	70273	CT	ANCHORAGE/INT.	USA
65472	C	ACCRA	GHANA	10291	C	ANGERMUENDE	GERMANY
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	17130	CT	ANKARA/CENTRAL	TURKEY
60620	C	ADRAR	ALGERIA	60360	C	ANNABA	ALGERIA
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	70398	C	ANNETTEISLAND	USA
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	67025	C	ANTALAHA	MADAGASCAR
17190	C	AFYON	TURKEY	17300	C	ANTALYA	TURKEY
61024	C	AGADEZ	NIGER	67083	CT	ANTANANARIVO/IVATO	MADAGASCAR
61974	C	AGALEGA	MAURITIUS	85442	CT	ANTOFAGASTA	CHILE
42647	CT	AHMADABAD	INDIA	40718	C	ANZALI	IRAN, ISLAMIC REP
47602	C	AIKAWA	JAPAN	47575	C	AOMORI	JAPAN
60560	C	AIN SEFRA	ALGERIA	98232	C	APARRI	PHILIPPINES
61499	C	AIOUNEL ATROUSS	MAURITANIA	80084	C	APARTADO/LOSCEDROS	COLOMBIA
07761	CT	AJACCIO	FRANCE	48462	C	ARANYAPRATHET	THAILAND
31168	C	AJAN	RUSSIAN FEDERATION	40357	C	ARAR	SAUDI ARABIA
47582	CT	AKITA	JAPAN	80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA
61437	C	AKJOUJT	MAURITANIA	84752	C	AREQUIPA	PERU
42933	C	AKOLA	INDIA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	85406	C	ARICA	CHILE
04063	C	AKUREYRI	ICELAND	10091	C	ARKONA	GERMANY
04082	C	AKURNES	ICELAND	44288	C	ARVAIHEER	MONGOLIA
40420	C	AL AHSA	SAUDI ARABIA	60452	C	ARZEW	ALGERIA
41055	C	AL BAHA	SAUDI ARABIA	47407	C	ASAHIKAWA	JAPAN
40373	C	AL QAYSUMAH	SAUDI ARABIA	72315	C	ASHEVILLE/MUN.,NC	USA
40361	C	AL-JOUF	SAUDI ARABIA	62414	CT	ASSWAN	EGYPT
08280	C	ALBACETE/LOSLLANOS	SPAIN	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
94802	CT	ALBANY AIRPORT	AUSTRALIA	08011	C	ASTURIAS/AVILES	SPAIN
72365	C	ALBUQUERQUE/INT.,NM.	USA	65376	C	ATAKPAME	TOGO
31004	CT	ALDAN	RUSSIAN FEDERATION	62680	C	ATBARA	SUDAN
07139	C	ALENCON	FRANCE	17607	T	ATHALASSA	CYPRUS
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	16716	C	ATHINAI (AIRPORT)	GREECE

# STATION LIST RECENT DATA

72219	C	ATLANTA/MUN.,GA.	USA	44213	C	BARUUNTURUUN	MONGOLIA
72407	C	ATLANTIC CITY, NJ.	USA	89057	C	BASE ARTUROPRAT	CHILE
91925	CT	ATUONA	FRENCH POLY.	89059	C	BASE BERNARDOO HIGGINS	CHILE
94601	C	AUGUSTA CAPE LEEUWIN	AUSTRALIA	88963	C	BASE ESPERANZA	ARGENTINA
72218	C	AUGUSTA/BUSHFIELD, GA.	USA	89053	C	BASE JUBANY	ARGENTINA
72254	C	AUSTIN/ROBERTMUELLER.,TX.	USA	89055	C	BASE MARAMBIO (CENTROMET. A	ARGENTINA
07265	C	AUXERRE	FRANCE	88968	C	BASE ORCADAS	ARGENTINA
08210	C	AVILA	SPAIN	89066	C	BASE SAN MARTIN	ARGENTINA
08330	C	BADAJOS/TALAVERA REAL	SPAIN	07790	CT	BASTIA	FRANCE
30554	C	BAGDARIN	RUSSIAN FEDERATION	60468	C	BATNA	ALGERIA
71727	C	BAGOTVILLE,QUE.	CANADA	44302	C	BAYAN-OVOO	MONGOLIA
98328	C	BAGUIO	PHILIPPINES	44275	C	BAYANBULAG	MONGOLIA
87750	C	BAHIA BLANCA AERO	ARGENTINA	44352	C	BAYANDELGER	MONGOLIA
41150	C	BAHRAIN (INT. AIRPORT)	BAHRAIN	44287	C	BAYANHONGOR	MONGOLIA
44265	C	BAITAG	MONGOLIA	60571	CT	BECHAR	ALGERIA
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	72412	C	BECKLEY (RALEIGHCTY.MUN),WV.	USA
07299	C	BALE-MILHOUSE	FRANCE	54511	CT	BEIJING	CHINA
35796	C	BALHASH	KAZAKHSTAN	67297	C	BEIRA	MOZAMBIQUE
17150	C	BALIKESIR	TURKEY	60402	C	BEJAIA	ALGERIA
85874	C	BALMACEDA	CHILE	82193	T	BELEM (AEROPORTO)	BRAZIL
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
61291	CT	BAMAKO/SENOU	MALI	43198	C	BELGAUM/SAMBRA	INDIA
64660	C	BAMBARI	CENTRALAFRICAN REP	78583	CT	BELIZE/INTERNATIONALAIRPORT	BELIZE
96011	C	BANDA ACEH/BLANGBINTANG	INDONESIA	03976	C	BELMULLET	IRELAND
40875	C	BANDARABBASS	IRAN, ISLAMIC 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	C	BANGUI	CENTRALAFRICAN REP	13275	T	BEOGRAD/KOSUTNJAK	YUGOSLAVIA
61701	C	BANJUL/YUNDUM	GAMBIA	64600	C	BERBERATI	CENTRALAFRICAN REP
41685	C	BAR KHAN	PAKISTAN	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	CT	BETHLEHEM	SOUTH AFRICA
29838	C	BARNAUL	RUSSIAN FEDERATION	40100	C	BEYROUTH (AEROPORT)	LEBANON
80410	C	BARQUISIMETO	VENEZUELA	42971	CT	BHUBANESWAR	INDIA
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	12295	C	BIALYSTOK	POLAND
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	42165	C	BIKANER	INDIA
83236	C	BARREIRAS	BRAZIL	08025	C	BILBAO/SONDICA	SPAIN
70026	CT	BARROW/W.POST W. ROGERS	USA	72677	C	BILLINGS/LOGANINT., MT.	USA
44305	C	BARUUN-URT	MONGOLIA	61017	C	BILMA	NIGER
44241	C	BARUUNKHARAA	MONGOLIA	72515	C	BINGHAMTON/BROOMECONY.	USA

# STATION LIST RECENT DATA

96441	CT	BINTULU	MALAYSIA	64655	C	BRIA	CENTRALAFRICAN REP
61401	C	BIR MOGHREIN	MAURITANIA	16320	T	BRINDISI	ITALY
94482	C	BIRDSVILLEPOLICE STATION	AUSTRALIA	11723	C	BRNO/TURANY	CZECH REP
61075	C	BIRNI-N' KONNI	NIGER	10453	C	BROCKEN	GERMANY
41084	C	BISHA	SAUDI ARABIA	94689	C	BROKEN HILL PATTON STREET	AUSTRALIA
60525	C	BISKRA	ALGERIA	94203	CT	BROOME AIRPORT	AUSTRALIA
72764	CT	BISMARCK/MUN.,ND.	USA	72250	C	BROWNSVILLE/INT.,TX.	USA
15085	C	BISTRITA	ROMANIA	96315	CT	BRUNEI AIRPORT	BRUNEIDARUSSALAM
64510	C	BITAM	GABON	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
01028	CT	BJORNOYA	NORWAY	15420	CT	BUCURESTI/IMH	ROMANIA
31510	CT	BLAGOVESCENSK	RUSSIAN FEDERATION	12843	CT	BUDAPEST/LORINC	HUNGARY
68442	C	BLOEMFONTEINAIRPORT	SOUTH AFRICA	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
65510	C	BOBO-DIOULASSO	BURKINA FASO	72528	C	BUFFALO/GREATERBUFFALO, NY.	USA
01152	CT	BODO	NORWAY	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
80222	CT	BOGOTA/ELDORADO	COLOMBIA	44239	C	BULGAN	MONGOLIA
29282	C	BOGUCANY	RUSSIAN FEDERATION	41244	C	BURAIMI	OMAN
65338	C	BOHICON	BENIN	08075	C	BURGOS/VILLAFRIA	SPAIN
72681	C	BOISE/MUN.,ID.	USA	94259	C	BURKETOWN	AUSTRALIA
87640	C	BOLIVAR AERO	ARGENTINA	72617	C	BURLINGTON/INTL,VT.	USA
83288	T	BOM JESUS DA LAPA	BRAZIL	17116	C	BURSA	TURKEY
43057	C	BOMBAY/COLABA	INDIA	98330	C	CABANATUAN	PHILIPPINES
43003	T	BOMBAY/SANTACRUZ	INDIA	95916	C	CABRAMURRA	AUSTRALIA
31253	C	BOMNAK	RUSSIAN FEDERATION	08261	C	CACERES	SPAIN
23884	C	BOR	RUSSIAN FEDERATION	08452	C	CADIZ	SPAIN
91929	C	BORA-BORA	FRENCH POLY. ON	07027	C	CAEN	FRANCE
07510	C	BORDEAUX/MERIGNAC	FRANCE	16560	T	CAGLIARI/ELMAS	ITALY
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	94287	C	CAIRNS AERO	AUSTRALIA
60686	C	BORDJI B.MOKHTAR	ALGERIA	80442	C	CALABOZO	VENEZUELA
65516	C	BOROMO	BURKINA FASO	42807	C	CALCUTTA/ALIPORE	INDIA
64610	C	BOSSANGO	CENTRALAFRICAN REP	42809	T	CALCUTTA/DUMDUM	INDIA
72509	C	BOSTON/LOGANINT., MA	USA	80259	C	CALI/ALFONSOBONILLAARAGON	COLOMBIA
60515	C	BOU-SAADA	ALGERIA	68618	C	CALVINIA	SOUTH AFRICA
64601	C	BOUAR	CENTRALAFRICAN REP	03808	T	CAMBORNE	U KINGDOM
61296	C	BOUGOUNI	MALI	71925	T	CAMBRIDGEBAY UA, N.W.T.	CANADA
60417	C	BOUIRA	ALGERIA	85315	C	CAMIRI	BOLIVIA
07255	C	BOURGES	FRANCE	76695	C	CAMPECHE, CAMP	MEXICO
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	83612	T	CAMPO GRANDE(AEROPORTO)	BRAZIL
61461	C	BOUTILIMIT	MAURITANIA	83698	C	CAMPOS	BRAZIL
08575	C	BRAGANCA	PORTUGAL	17112	C	CANAKKALE	TURKEY
83378	T	BRASILIA (AEROPORTO)	BRAZIL	07661	C	CAP CEPET	FRANCE
30309	C	BRATSK	RUSSIAN FEDERATION	94805	C	CAPE BORDA	AUSTRALIA
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	94967	C	CAPE BRUNY	AUSTRALIA
10224	C	BREMEN	GERMANY	71910	C	CAPE DORSET, N.W.T.	CANADA
07110	C	BREST	FRANCE	71094	C	CAPE DYER, N.W.T.	CANADA

# STATION LIST RECENT DATA

72304	C	CAPE HATTERAS,NC.	USA	71822	C	CHIBOUGAMAUCHAPAIS,QUE.	CANADA
94842	C	CAPE OTWAY LIGHTHOUSE	AUSTRALIA	72530	C	CHICAGO/O'HARE,IL.	USA
68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA	47971	CT	CHICHIJIMA	JAPAN
16522	C	CAPO CACCIA	ITALY	84452	C	CHICLAYO	PERU
80416	C	CARACAS/LACARLOTA	VENEZUELA	85672	C	CHILLAN	CHILE
80415	C	CARACAS/MAIQUETIAAEROP. INT	VENEZUELA	38262	C	CHIMBAJ	UZBEKISTAN
83592	C	CARATINGA	BRAZIL	30758	CT	CHITA	RUSSIAN FEDERATION
72712	C	CARIBOU/MUN.,ME.	USA	60425	C	CHLEF	ALGERIA
80432	C	CARRIZAL	VENEZUELA	44259	C	CHOIBALSAN	MONGOLIA
80022	C	CARTAGENA/RAFAELNUNEZ	COLOMBIA	44298	C	CHOIR	MONGOLIA
71818	C	CARTWRIGHT,NFLD.	CANADA	76311	C	CHOIX,SIN.	MEXICO
60155	CT	CASABLANCA	MOROCCO	21946	C	CHOKURDAH	RUSSIAN FEDERATION
03967	C	CASEMENT AERODROME	IRELAND	47648	C	CHOSHI	JAPAN
89611	CT	CASEY	AUSTRALIA	93780	C	CHRISTCHURCH	N ZEALAND
72569	C	CASPER/NATRONACOUNTYI.,WY.	USA	48517	C	CHUMPHON	THAILAND
08286	C	CASTELLON	SPAIN	47101	C	CHUNCHON	REP KOREA
87222	C	CATAMARCA AERO.	ARGENTINA	71913	CT	CHURCHILLUA,MAN.	CANADA
83676	C	CATANDUVA	BRAZIL	96805	C	CILACAP	INDONESIA
16459	C	CATANIA/SIGONELLA	ITALY	72421	C	CINCINNATI/GREATERCIN.,OH.	USA
81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA	80444	C	CIUDAD BOLIVAR	VENEZUELA
94653	C	CEDUNA AIRPORT	AUSTRALIA	08348	C	CIUDAD REAL	SPAIN
89056	C	CENTRO MET. ANTARTICO''PDTE.ED	CHILE	76491	C	CIUDAD VICTORIA, TAMPS	MEXICO
87257	C	CERES AERO	ARGENTINA	07460	C	CLERMONT-FERRAND	FRANCE
87320	C	CHAMICAL AERO	ARGENTINA	15120	C	CLUJ-NAPOCA	ROMANIA
48480	C	CHANTHABURI	THAILAND	71090	C	CLYDE,N.W.T.	CANADA
85230	C	CHARANA	BOLIVIA	76741	C	COATZACOALCOS,VER.	MEXICO
38687	C	CHARDZHEV	TURKMENISTAN	94711	CT	COBAR	AUSTRALIA
72414	C	CHARLESTON/KANAWHA.,WV.	USA	85041	C	COBIJA	BOLIVIA
72208	C	CHARLESTON/MUN.,SC.	USA	85223	C	COCHABAMBA	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
07314	C	CHASSIRON	FRANCE	94791	C	COFFS HARBOURMO	AUSTRALIA
93986	T	CHATHAM ISLAND	N ZEALAND	70316	CT	COLD BAY	USA
93987	C	CHATHAM ISLANDS AWS	N ZEALAND	43466	C	COLOMBO	SRI LANKA
74494	T	CHATHAM, MA	USA	72310	C	COLUMBIA, SC.	USA
72324	C	CHATTANOOGA/LOVELLFIELD, TN	USA	72445	C	COLUMBIA/REGIONAL,MO.	USA
47184	C	CHEJU	REP KOREA	72428	C	COLUMBUS/PORTCOLUMBUS,OH.	USA
56294	C	CHENGDU	CHINA	76848	C	COMITAN,CHIS.	MEXICO
87322	C	CHEPES	ARGENTINA	87860	C	COMODORO RIVADAVIA AERO	ARGENTINA
42515	C	CHERRAPUNJI	INDIA	85682	C	CONCEPCION	CHILE
76750	C	CHETUMAL,Q.ROO	MEXICO	85196	C	CONCEPCION	BOLIVIA
72564	C	CHEYENNE,WY.	USA	72605	C	CONCORD/MUN.,NH.	USA
41768	C	CHHOR	PAKISTAN	87395	C	CONCORDIA AERO	ARGENTINA
48327	CT	CHIANG MAI	THAILAND	15480	C	CONSTANTA	ROMANIA

# STATION LIST RECENT DATA

60419	C	CONSTANTINE	ALGERIA	60387	C	DELLYS	ALGERIA
85470	C	COPIAPO	CHILE	94869	C	DENILIKUIN POST OFFICE	AUSTRALIA
71915	CT	CORAL HARBOUR UA, N.W.T.	CANADA	41624	C	DERA ISMAIL KHAN	PAKISTAN
87344	CT	CORDOBA AERO	ARGENTINA	72546	C	DES MOINES/MUN., IA.	USA
08410	C	CORDOBA/AEROPUERTO	SPAIN	72537	C	DETROIT/METROPOLITAN MI.	USA
03955	C	CORK AIRPORT	IRELAND	40416	C	DHAHRAN	SAUDI ARABIA
80403	C	CORO	VENEZUELA	41923	T	DHAKA	BANGLADESH
72251	C	CORPUS CHRISTI/INT., TX.	USA	44477	C	DHANKUTA	NEPAL
87166	C	CORRIENTES AERO.	ARGENTINA	42314	C	DIBRUGARH/MOHANBARI	INDIA
17084	C	CORUM	TURKEY	67009	C	DIEGO-SUAREZ	MADAGASCAR
65344	C	COTONOU	BENIN	61085	C	DIFFA	NIGER
85864	C	COYHAIQUE	CHILE	07280	C	DIJON	FRANCE
15450	C	CRAIOVA	ROMANIA	63471	C	DIREDAWA	ETHIOPIA
80097	C	CUCUTA/CAMILLODAZA	COLOMBIA	17280	CT	DIYARBAKIR	TURKEY
08231	C	CUENCA	SPAIN	64453	C	DJAMBALA	CONGO
76726	C	CUERNAVACA, MOR	MEXICO	60670	C	DJANET	ALGERIA
76412	C	CULIACAN, SIN	MEXICO	60535	C	DJELFA	ALGERIA
80420	C	CUMANA	VENEZUELA	63862	C	DODOMA	U REP TANZANIA
94626	C	CUNDERDIN(POSTO)	AUSTRALIA	87648	C	DOLORES AERO	ARGENTINA
85629	C	CURICO	CHILE	62650	C	DONGOLA	SUDAN
83840	T	CURITIBA (AEROPORTO)	BRAZIL	65501	C	DORI	BURKINA FASO
84686	C	CUZCO	PERU	64910	C	DOUALA OBS.	CAMEROON
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	10488	C	DRESDEN-KLOTZSCHE	GERMANY
98325	C	DAGUPAN	PHILIPPINES	41515	C	DROSH	PAKISTAN
61641	CT	DAKAR/YOFF	SENEGAL	41194	C	DUBAI INTERNATIONAL AIRPORT	U ARAB EMIRATES
41712	C	DAL BANDIN	PAKISTAN	95719	C	DUBBO AIRPORT AWS	AUSTRALIA
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
62805	C	DAMAZINE	SUDAN	89642	C	DUMONT D'URVILLE	FRANCE
04320	CT	DANMARKSHAVN	GREENLAND	68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	42731	C	DWARKA	INDIA
60390	CT	DAR-EL-BEIDA	ALGERIA	24143	C	DZARDZAN	RUSSIAN FEDERATION
94120	CT	DARWIN AIRPORT	AUSTRALIA	68858	C	EAST LONDON	SOUTH AFRICA
44256	C	DASHBALBAR	MONGOLIA	94907	C	EAST SALE AIRPORT	AUSTRALIA
26544	C	DAUGAVPILS	LATVIA	17050	C	EDIRNE	TURKEY
71855	C	DAUPHIN, MAN.	CANADA	71119	T	EDMONTON STONY PLAIN, ALTA	CANADA
89571	CT	DAVIS	AUSTRALIA	40199	C	EILAT	ISRAEL
72429	C	DAYTON/. COX, OH	USA	28440	C	EKATERINBURG	RUSSIAN FEDERATION
06260	C	DE BILT	NETHERLANDS	62337	C	EL ARISH	EGYPT
06235	C	DE KOOY	NETHERLANDS	62760	C	EL FASHER	SUDAN
12882	C	DEBRECEN	HUNGARY	60590	C	EL GOLEA	ALGERIA
65505	C	DEDOUGOU	BURKINA FASO	60540	C	EL KHEITER	ALGERIA
40045	C	DEIR EZZOR	SYRIAN ARAB REP	62771	C	EL OBEID	SUDAN

# STATION LIST RECENT DATA

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	67197	CT	FORT-DAUPHIN	MADAGASCAR
60367	C	EL-KALA	ALGERIA	82397	T	FORTALEZA	BRAZIL
60550	C	ELBAYADH	ALGERIA	10637	C	FRANKFURT/M-FLUGHAFEN	GERMANY
12160	C	ELBLAG	POLAND	72389	C	FRESNO/AIR TERM., CA.	USA
63686	C	ELDORET	KENYA	02226	C	FROSON	SWEDEN
72486	C	ELY/YELLAND, NV.	USA	60035	C	FUERTEVENTURA/AEROPUERTO	SPAIN
07591	CT	EMBRUN	FRANCE	47843	C	FUKUE	JAPAN
10200	C	EMDEN-FLUGPLATZ	GERMANY	47807	CT	FUKUOKA	JAPAN
76256	C	EMPALME, SON	MEXICO	91643	CT	FUNAFUTI	TUVALU
62781	C	EN NAHUD	SUDAN	08522	CT	FUNCHAL	MADEIRA
29263	C	ENISEJSK	RUSSIAN FEDERATION	60765	C	GABES	TUNISIA
24817	C	ERBOGACEN	RUSSIAN FEDERATION	60745	C	GAFSA	TUNISIA
44237	C	ERDENEMANDAL	MONGOLIA	44284	C	GAIUUT	MONGOLIA
53068	C	ERENHOT	CHINA	15310	C	GALATI	ROMANIA
10554	C	ERFURT-BINDERSLEBEN	GERMANY	83746	T	GALEAO	BRAZIL
17092	C	ERZINCAN	TURKEY	72242	C	GALVESTON, TX.	USA
17096	C	ERZURUM	TURKEY	64454	C	GAMBOMA	CONGO
40800	C	ESFAHAN	IRAN, ISLAMIC REP	94926	C	GANBERRAAMO	AUSTRALIA
03162	C	ESKDALEMUIR	U KINGDOM	71803	C	GANDER INT. AIRPORT, NFLD.	CANADA
87803	C	ESQUEL AERO	ARGENTINA	57993	C	GANZHOU	CHINA
60220	C	ESSAOUIRA	MOROCCO	61226	C	GAO	MALI
10410	T	ESSEN	GERMANY	65522	C	GAOUA	BURKINA FASO
71862	C	ESTEVAN, SASK.	CANADA	63723	C	GARISSA	KENYA
71917	T	EUREKA UA, N.W.T.	CANADA	40405	C	GASSIM	SAUDI ARABIA
72594	C	EUREKA, CA.	USA	42410	CT	GAUHATI	INDIA
72432	C	EVANSVILLE/REG., IN.	USA	61099	C	GAYA	NIGER
87576	CT	EZEIZA AERO	ARGENTINA	62752	C	GEDAREF	SUDAN
65507	C	FADA N' GOURMA	BURKINA FASO	10628	C	GEISENHEIM	GERMANY
70261	C	FAIRBANKS/INT.	USA	62770	C	GENEINA	SUDAN
72753	C	FARGO/HECTORFIELD, ND.	USA	87532	C	GENERAL PICO AERO	ARGENTINA
76698	C	FELIPE CARRILLOPUERTO, Q.RO	MEXICO	06700	C	GENEVE-COINTRIN	SWITZERLAND
11155	C	FEUERKOGEL	AUSTRIA	68828	C	GEORGE AIRPORT	SOUTH AFRICA
10578	C	FICHELBERG	GERMANY	81001	C	GEORGETOWN	GUYANA
72637	C	FLINT/BISHOP, MI.	USA	94275	C	GEORGETOWN	AUSTRALIA
83897	C	FLORIANOPOLIS	BRAZIL	94403	CT	GERALDTON AIRPORT	AUSTRALIA
82212	C	FONTE BOA	BRAZIL	08184	C	GERONA/COSTABRAVA	SPAIN
87162	C	FORMOSA AERO	ARGENTINA	60566	C	GHARDAIA	ALGERIA
95646	C	FORREST AWS	AUSTRALIA	60517	C	GHAZAOUET	ALGERIA
71932	C	FORT MCMURRAY, ALTA.	CANADA	40296	C	GHOR EL SAFI	JORDAN
71945	CT	FORT NELSON UA, B.C.	CANADA	08495	CT	GIBRALTAR	GIBRALTAR
71946	C	FORT SIMPSON, N.W.T.	CANADA	08014	C	GIJON	SPAIN
71934	T	FORT SMITH UA, N.W.T.	CANADA	94461	CT	GILES	AUSTRALIA



# STATION LIST RECENT DATA

17034	C	GIRESUN	TURKEY	40394	CT	HAIL	SAUDI ARABIA
93292	C	GISBORNE AERODROME AWS	N ZEALAND	50527	CT	HAILAR	CHINA
41140	C	GIZAN	SAUDI ARABIA	17285	C	HAKKARI	TURKEY
72768	C	GLASGOW/INTL.MT.	USA	47430	C	HAKODATE	JAPAN
20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION	71081	CT	HALL BEACH UA,N.W.T.	CANADA
43192	CT	GOA/PANJIM	INDIA	89022	CT	HALLEY	U KINGDOM
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	94212	C	HALLS CREEK AMO	AUSTRALIA
10499	C	GOERLITZ	GERMANY	40030	C	HAMA	SYRIAN ARAB REP
63331	C	GONDAR	ETHIOPIA	47755	C	HAMADA	JAPAN
71816	CT	GOOSE UA,NFLD.	CANADA	43497	C	HAMBANTOTA	SRI LANKA
63403	C	GORE	ETHIOPIA	10147	C	HAMBURG-FUHLSBUETTEL	GERMANY
71733	C	GORE BAY,ONT.	CANADA	52203	C	HAMI	CHINA
97048	C	GORONTALO/JALALUDDIN	INDONESIA	10338	C	HANNOVER	GERMANY
02527	T	GOTEBORG/LANDVETTER	SWEDEN	23933	C	HANTY-MANSIJSK	RUSSIAN FEDERATION
02512	C	GOTEBORG/SAVE	SWEDEN	02196	C	HAPARANDA	SWEDEN
68906	CT	GOUGH ISLAND	SOUTH AFRICA	72508	C	HARTFORD/BRADLEYINTL, CT.	USA
07535	C	GOURDON	FRANCE	60581	C	HASSI-MESSAOUD	ALGERIA
61045	C	GOURE	NIGER	20891	CT	HATANGA	RUSSIAN FEDERATION
94150	CT	GOVE AIRPORT	AUSTRALIA	44207	C	HATGAL	MONGOLIA
08419	C	GRANADA/AEROPUERTO	SPAIN	78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE
72476	C	GRAND JUNCTION/WALKERF.,CO.	USA	71935	C	HAY RIVER,N.W.T.	CANADA
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	72772	C	HELENA/COUNTY-CITY,MT.	USA
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	02974	C	HELSINKI-VANTAA	FINLAND
16253	C	GRAZZANISE	ITALY	62378	CT	HELWAN	EGYPT
72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA	16754	C	HERAKLION(AIRPORT)	GREECE
72317	C	GREENSBORO/G.-HIGHPT., NC.	USA	91945	C	HEREHERETUE	FRENCH POLY.
72312	C	GREENVILLE/SPATANBURGSC	USA	60001	C	HIERRO/AEROPUERTO	SPAIN
10184	CT	GREIFSWALD	GERMANY	71066	C	HIGH LEVEL, ALTA	CANADA
08226	C	GUADALAJARA	SPAIN	91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA
87497	C	GUALEGUAYCHUAERO	ARGENTINA	91285	CT	HILO/GEN.LYMAN, HAWAII,	USA ONIA
76577	C	GUANAJUATO,GTO.	MEXICO	94975	CT	HOBART AIRPORT	AUSTRALIA
80428	C	GUANARE	VENEZUELA	10685	C	HOF	GERMANY
59287	C	GUANGZHOU	CHINA	10962	C	HOHENPEISSENBERG	GERMANY
80448	C	GUASDUALITO	VENEZUELA	93614	C	HOKITIKA AERODROME	N ZEALAND
60403	C	GUELMA	ALGERIA	93615	C	HOKITIKA AERODROME AWS	N ZEALAND
80423	C	GUIRIA	VENEZUELA	61240	C	HOMBORI	MALI
02128	C	GUNNARN	SWEDEN	91182	C	HONOLULU,OAHU, HAWAII	USA
40360	C	GURIAT	SAUDI ARABIA	08506	C	HORTA (ACORES)	PORTUGAL
40250	C	H-4 'IRWAISHED'	JORDAN	23219	C	HOSEDA-HARD	RUSSIAN FEDERATION
31735	C	HABAROVSK	RUSSIAN FEDERATION	51828	C	HOTAN	CHINA
47678	CT	HACHIOJIMA	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	08383	C	HUELVA	SPAIN
59758	C	HAIKOU	CHINA	44285	C	HUJIRT	MONGOLIA

# STATION LIST RECENT DATA

72425	C	HUNTINGTON,WV	USA	83186	C	JACOBINA	BRAZIL
72654	C	HURON/HURONREGIONAL,SD.	USA	08417	C	JAEN	SPAIN
44232	C	HUTAG	MONGOLIA	43041	C	JAGDALPUR	INDIA
43128	T	HYDERABADAIRPORT	INDIA	96749	C	JAKARTA/SOEKARNO-HATTA	INDONESIA
41764	C	HYDERABADAIRPORT	PAKISTAN	24959	CT	JAKUTSK	RUSSIAN FEDERATION
43128	C	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
87097	C	IGUAZU AERO	ARGENTINA	41598	C	JHELM	PAKISTAN
60640	C	ILLIZI	ALGERIA	60351	C	JIJEL ACHOUAT	ALGERIA
04339	CT	ILLOQQORTOORMIUT(SCORESBYSU	GREENLAND	60353	C	JIJEL PORT	ALGERIA
98637	C	ILOILO	PHILIPPINES	63402	C	JIMMA	ETHIOPIA
31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION	52533	C	JIUQUAN	CHINA
64459	C	IMPFONDO	CONGO	41756	C	JIWANI	PAKISTAN
60611	C	IN AMENAS	ALGERIA	83481	C	JOAO PINHEIRO	BRAZIL
60630	CT	IN SALAH	ALGERIA	42339	CT	JODHPUR	INDIA
60690	C	IN-GUEZZAM	ALGERIA	02929	C	JOENSUU	FINLAND
72438	C	INDIANAPOLIS/I.-MUN/WEI.,IN.	USA	68368	C	JOHANNESBURGINT. AIRPORT	SOUTH AFRICA
42754	C	INDORE	INDIA	02963	CT	JOKIOINEN	FINLAND
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	02550	C	JONKOPING/AXAMO	SWEDEN
72747	CT	INT.FALLS/FALLSINT.MN.	USA	78762	C	JUAN SANTAMARIA	COSTA RICA
71907	CT	INUKJUAK,QUE	CANADA	62941	C	JUBA	SUDAN
71957	CT	INUVIK UA,N.W.T.	CANADA	87046	C	JUJUY AERO	ARGENTINA
93844	CT	INVERCARGILLAERODROME	N ZEALAND	84735	C	JULIACA	PERU
94541	C	INVERELL POST OFFICE	AUSTRALIA	78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN,ST.EUST
80370	C	IPIALES/SAN LUIS	COLOMBIA	87548	C	JUNIN AERO	ARGENTINA
71909	CT	IQALUIT,N.W.T.	CANADA	32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION
84377	C	IQUITOS	PERU	02935	CT	JYVASKYLA	FINLAND
83881	C	IRAI	BRAZIL	62810	C	KADUGLI	SUDAN
83836	C	IRATI	BRAZIL	47827	CT	KAGOSHIMA	JAPAN
68263	T	IRENE	SOUTH AFRICA	17255	C	KAHRAMANMARAS	TURKEY
30710	C	IRKUTSK	RUSSIAN FEDERATION	93678	C	KAIKOURA	N ZEALAND
47918	CT	ISHIGAKIJIMA	JAPAN	60735	C	KAIROUAN	TUNISIA
85469	C	ISLA DE PASCUA	CHILE	93012	C	KAITAIA	N ZEALAND
85585	C	ISLA JUAN FERNANDEZ	CHILE	02897	C	KAJAANI	FINLAND
41571	C	ISLAMABAD AIRPORT	PAKISTAN	30469	C	KALAKAN	RUSSIAN FEDERATION
17240	CT	ISPARTA	TURKEY	16726	C	KALAMATA (AIRPORT)	GREECE
17062	CT	ISTANBUL/GOZTEPE	TURKEY	94101	C	KALUMBURU	AUSTRALIA
17220	CT	IZMIR/GUZELYALT	TURKEY	40001	C	KAMISHLI	SYRIAN ARAB REP
47800	C	IZUHARA	JAPAN	71887	C	KAMLOOPS,B.C.	CANADA
72235	C	JACKSON/ALLENC. THOMP.,MS.	USA	47605	C	KANAZAWA	JAPAN
72206	C	JACKSONVILLE/INTNL.FL.	USA	65306	C	KANDI	BENIN
41715	C	JACOBABAD	PAKISTAN	47105	C	KANGNUNG	REP KOREA

# STATION LIST RECENT DATA

22165	C	KANIN NOS	RUSSIAN FEDERATION	26509	C	KLAJPEDA	LITHUANIA
61679	C	KAOLACK	SENEGAL	72326	C	KNOXVILLE/MUN.,TN.	USA
41780	C	KARACHI AIRPORT	PAKISTAN	11487	C	KOCELOVICE	CZECH REP
35394	C	KARAGANDA	KAZAKHSTAN	06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.
02080	C	KARESUANDO	SWEDEN	61698	C	KOLDA	SENEGAL
62660	C	KARIMA	SUDAN	29231	CT	KOLPASEVO	RUSSIAN FEDERATION
10727	C	KARLSRUHE	GERMANY	10929	C	KONSTANZ	GERMANY
02418	C	KARLSTADFLYGPLATS	SWEDEN	17244	C	KONYA	TURKEY
17098	C	KARS	TURKEY	25954	CT	KORF	RUSSIAN FEDERATION
51709	C	KASHI	CHINA	91408	C	KOROR, PALAU IS.	USA FEDERATION
62730	C	KASSALA	SUDAN	62772	C	KOSTI	SUDAN
17074	C	KASTAMONU	TURKEY	42452	C	KOTA AERODROME	INDIA
44454	C	KATHMANDU AIRPORT	NEPAL	48615	CT	KOTA BHARU	MALAYSIA
26629	C	KAUNAS	LITHUANIA	96471	CT	KOTA KINABALU	MALAYSIA
61257	C	KAYES	MALI	70133	CT	KOTZEBUE, RALPH WIEN	USA
27595	CT	KAZAN'	RUSSIAN FEDERATION	91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA
04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND	61293	C	KOUTIALA	MALI
10946	C	KEMPTEN	GERMANY	43314	C	KOZHICODE	INDIA
61285	C	KENIEBA	MALI	12566	C	KRAKOW	POLAND
60120	C	KENITRA	MOROCCO	60514	C	KSAR CHELLALA	ALGERIA
16641	C	KERKYRA (AIRPORT)	GREECE	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
93997	T	KERMADECIS.	N ZEALAND	48657	C	KUANTAN	MALAYSIA
40841	CT	KERMAN	IRAN, ISLAMIC REP	96413	CT	KUCHING	MALAYSIA
02805	C	KEVO	FINLAND	65442	C	KUMASI	GHANA
72201	C	KEY WEST/INT., FL.	USA	56778	CT	KUNMING	CHINA
44313	C	KHALKH-GOL	MONGOLIA	15730	C	KURDJALI	BULGARIA
41114	C	KHAMIS MUSHAIT	SAUDI ARABIA	47418	C	KUSHIRO	JAPAN
41718	C	KHANPUR	PAKISTAN	28952	C	KUSTANAI	KAZAKHSTAN
34300	C	KHARKIV	UKRAINE	71906	CT	KUUJJUAQ, QUE.	CANADA
62721	CT	KHARTOUM	SUDAN	71905	C	KUUJJUARAPIK, QUE.	CANADA
60476	C	KHENCHELLA	ALGERIA	02869	C	KUUSAMO	FINLAND
41744	C	KHUZDAR	PAKISTAN	91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA
02801	C	KILPISJARVI	FINLAND	47158	T	KWANGJU AB	REP KOREA
68438	C	KIMBERLEY	SOUTH AFRICA	33345	C	KYIV	UKRAINE
40417	C	KING FAHAD INT. AIRPORT	SAUDI ARABIA	33393	C	L'VIV	UKRAINE
40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA	80476	C	LA CANADA	VENEZUELA
70326	C	KING SALMON	USA	08001	CT	LA CORUNA	SPAIN
45004	CT	KING'S PARK	HONG KONG, CHINA	08002	C	LA CORUNA/ALVEDRO	SPAIN
78397	CT	KINGSTON/NORMANMANLEY	JAMAICA	71823	CT	LA GRANDEIV, QUE.	CANADA
03066	C	KINLOSS	U KINGDOM	71827	C	LA GRANDE RIVIERE, QUE	CANADA
64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG	07020	CT	LA HAGUE	FRANCE
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

# STATION LIST RECENT DATA

87007	C	LA QUIACA OBSERVATORIO	ARGENTINA	07434	C	LIMOGES	FRANCE
87217	C	LA RIOJA AERO.	ARGENTINA	10393	CT	LINDENBERG	GERMANY
85488	C	LA SERENA	CHILE	61627	C	LINGUERE	SENEGAL
10172	C	LAAGE	GERMANY	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
87534	C	LABOULAYE	ARGENTINA	08535	C	LISBOA/GEOF	PORTUGAL
96465	C	LABUAN	MALAYSIA	10020	C	LIST/SYLT	GERMANY
60545	C	LAGHOUAT	ALGERIA	08084	C	LOGRONO/AGONCILLO	SPAIN
41640	C	LAHORECITY	PAKISTAN	65387	C	LOME	TOGO
08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL	03772	C	LONDON/HEATHROWAIRPORT	U KINGDOM
72240	C	LAKE CHARLES/MUN.,LA.	USA	94346	C	LONGREACHAIRPORT	AUSTRALIA
72576	C	LANDER/HUNT,WY.	USA	94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA
60040	C	LANZAROTE/AEROPUERTO	SPAIN	72295	C	LOS ANGELES/INT.,CA.	USA
52889	C	LANZHOU	CHINA	64401	C	LOUBOMO	CONGO
98223	CT	LAOAG	PHILIPPINES	72423	C	LOUISVILLE/STANDIFORD,KY.	USA
16648	C	LARISSA (AIRPORT)	GREECE	72267	C	LUBBOCK/LUBBOCKINTL, TX.	USA
17609	C	LARNACA AIRPORT	CYPRUS	42369	T	LUCKNOW/AMAUSI	INDIA
87563	C	LAS FLORES AERO	ARGENTINA	06770	C	LUGANO	SWITZERLAND
80241	C	LAS GAVIOTAS	COLOMBIA	08008	C	LUGO/ROZAS	SPAIN
60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN	16597	C	LUQA	MALTA
72386	C	LAS VEGAS/MCCARRAN,NV.	USA	06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG
40022	C	LATTAKIA	SYRIAN ARAB REP	03740	C	LYNEHAM	U KINGDOM
94968	C	LAUNCESTON AIRPORT	AUSTRALIA	71078	C	LYNN LAKE, MAN.	CANADA
07471	C	LE BUY	FRANCE	60467	C	M'SILA	ALGERIA
78925	C	LE LAMENTIN	MARTINIQUE	40310	C	MA'AN	JORDAN
78897	CT	LE RAIZET, GUADELOUPE	ST.MARTIN, ST.BARTH	44294	C	MAANTI	MONGOLIA
07207	C	LE TALUT	FRANCE	82098	C	MACAPA	BRAZIL
12120	CT	LEBA	POLAND	43185	C	MACHILIPATNAM	INDIA
03257	C	LEEMING	U KINGDOM	94367	C	MACKAY MO	AUSTRALIA
98444	C	LEGASPI	PHILIPPINES	72217	C	MACON/LEWISB.WILSON,GA.	USA
12374	T	LEGIONOWO	POLAND	94998	CT	MACQUARIE ISLAND	AUSTRALIA
10469	C	LEIPZIG-SCHKEUDITZ	GERMANY	98646	C	MACTAN	PHILIPPINES
83242	C	LENCOIS	BRAZIL	40430	CT	MADINAH	SAUDI ARABIA
08055	C	LEON/VIRGENDEL CAMINO	SPAIN	72641	C	MADISON/DANECOUNTY REGIONAL	USA
08171	C	LERIDA	SPAIN	43279	CT	MADRAS/MINAMBakkAM	INDIA
03005	CT	LERWICK	U KINGDOM	08221	CT	MADRID/BARAJAS	SPAIN
80398	CT	LETICIA/VASQUEZCOBO	COLOMBIA	08223	C	MADRID/CUATROVIENTOS	SPAIN
72422	C	LEXINGTON/BLUEGRASS, KY.	USA	08224	C	MADRID/GETAFE	SPAIN
55591	CT	LHASA	CHINA	08227	C	MADRID/TORREJON	SPAIN
11603	C	LIBEREC	CZECH REP	47624	C	MAEBASHI	JAPAN
64500	C	LIBREVILLE	GABON	40265	CT	MAFRAQ	JORDAN
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	CT	LIMA-CALLAO/AEROP.INTERNACI	PERU	61096	C	MAINE-SOROA	NIGER

# STATION LIST RECENT DATA

67073	C	MAINTIRANO	MADAGASCAR	80435	C	MATURIN	VENEZUELA
47750	C	MAIZURU	JAPAN	89564	CT	MAWSON	AUSTRALIA
91376	C	MAJURO/MARSHALLS. INTL	USA	70231	C	MCGRATH	USA
41030	C	MAKKAH	SAUDI ARABIA	60549	C	MECHERIA	ALGERIA
64556	C	MAKOKOU	GABON	60437	C	MEDEA	ALGERIA
64456	C	MAKOUA	CONGO	72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA
48665	C	MALACCA	MALAYSIA	94430	C	MEEKATHARRAAIRPORT	AUSTRALIA
08482	C	MALAGA/AEROPUERTO	SPAIN	10548	CT	MEININGEN	GERMANY
62840	C	MALAKAL	SUDAN	60150	C	MEKNES	MOROCCO
87506	C	MALARGUEAERO	ARGENTINA	94866	C	MELBOURNEAIRPORT	AUSTRALIA
17199	C	MALATYA/BOLGE	TURKEY	60338	C	MELILLA	SPAIN
03980	C	MALIN HEAD	IRELAND	97014	C	MENADO/DR.SAM RATULANGI	INDONESIA
63799	C	MALINDI	KENYA	87418	C	MENDOZA AERO	ARGENTINA
65548	C	MAN	COTE D'IVOIRE	80425	C	MENE GRANDE	VENEZUELA
78741	C	MANAGUA A.C.SANDINO	NICARAGUA	56985	C	MENGZI	CHINA
82332	T	MANAUS (AEROPORTO)	BRAZIL	08314	C	MENORCA/MAHON	SPAIN
03334	C	MANCHESTER AIRPORT	U KINGDOM	97980	C	MERAUKE/MOPAH	INDONESIA
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
97530	C	MANOKWARI/RENDANI	INDONESIA	48674	C	MERSING	MALAYSIA
03797	C	MANSTON	U KINGDOM	16420	C	MESSINA	ITALY
76654	C	MANZANILLO,COL.	MEXICO	72202	C	MIAMI, FL.	USA
67341	C	MAPUTO/MAVALANE	MOZAMBIQUE	60195	C	MIDELT	MOROCCO
87774	C	MAQUINCHAO	ARGENTINA	72265	C	MIDLAND/MIDLANDREG., TX.	USA
87692	C	MAR DEL PLATA AERO	ARGENTINA	16080	T	MILANO/LINATE	ITALY
80407	C	MARACAIBO-LACHINITA	VENEZUELA	94693	C	MILDURA AIRPORT	AUSTRALIA
80413	C	MARACAY - B.A. SUCRE	VENEZUELA	11464	C	MILESOVKA	CZECH REP
61080	C	MARADI	NIGER	60430	C	MILIANA	ALGERIA
87467	C	MARCOS JUAREZ AERO	ARGENTINA	07558	C	MILLAU	FRANCE
68994	CT	MARION ISLAND	SOUTH AFRICA	72640	C	MILWAUKEE/GEN.MITCHELL, WI.	USA
60230	C	MARRAKECH	MOROCCO	47945	CT	MINAMIDAITOJIMA	JAPAN
94480	C	MARREE	AUSTRALIA	47991	CT	MINAMITORISHIMA	JAPAN
61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS	43369	CT	MINICOY	INDIA
60507	C	MASCARA GRISS	ALGERIA	72658	C	MINNEAPOLIS/ST.PAULINTL,MN.	USA
60506	C	MASCARA METMORE	ALGERIA	26850	C	MINSK	BELARUS
40745	CT	MASHHAD	IRAN, ISLAMIC REP	29866	C	MINUSINSK	RUSSIAN FEDERATION
41288	C	MASIRAH	OMAN	96449	C	MIRI	MALAYSIA ERATION
61630	C	MATAM	SENEGAL	89592	T	MIRNYJ	USSR N
76585	C	MATLAPA,S.L.P.	MEXICO	72773	C	MISSOULA/JOHNSON-BELLF.,MT.	USA
47741	C	MATSUE	JAPAN	47585	C	MIYAKO	JAPAN
47618	C	MATSUMOTO	JAPAN	47927	C	MIYAKOJIMA	JAPAN
47887	C	MATSUYAMA	JAPAN	47830	C	MIYAZAKI	JAPAN

# STATION LIST RECENT DATA

68242	C	MMABATHO	SOUTH AFRICA	47817	C	NAGASAKI	JAPAN
72223	C	MOBILE/BATESFIELD, AL.	USA	47636	C	NAGOYA	JAPAN
30673	C	MOGOCA	RUSSIAN FEDERATION	42867	CT	NAGPUR.SONEGAON	INDIA
47165	C	MOKPO	REP KOREA	12925	C	NAGYKANIZSA	HUNGARY
72544	C	MOLINE/QUADCITY, IL.	USA	47936	CT	NAHA	JAPAN
76342	C	MONCLOVA,COAH.	MEXICO	63740	C	NAIROBI/KENYATTAIRPORT	KENYA
07560	C	MONT AIGOUAL	FRANCE	41128	C	NAJLAN	SAUDI ARABIA
07607	C	MONT-DE-MARSAN	FRANCE	48431	C	NAKHONRATCHASIMA	THAILAND
87393	C	MONTE CASEROS AERO	ARGENTINA	48400	C	NAKHONSAWAN	THAILAND
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	58606	C	NANCHANG	CHINA
76393	C	MONTERREY,N.L.	MEXICO	07180	CT	NANCY/ESSEY	FRANCE
72226	C	MONTGOMERY/DANNELLYAL.	USA	91680	CT	NANDI	FIJI
07643	C	MONTPELLIER	FRANCE	59431	C	NANNING	CHINA
71836	T	MOOSONEE,ONT.	CANADA	07222	C	NANTES	FRANCE
61265	C	MOPTI	MALI	23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION
76665	C	MORELIA,MICH.	MEXICO	61233	C	NARA	MALI
08397	C	MORON DE LA FRONTERA	SPAIN	04270	T	NARSARSUAQ	GREENLAND
94937	C	MORUYE HEADS PILOT STN	AUSTRALIA	72327	CT	NASHVILLE/METROPOLITAN,TN.	USA
27612	CT	MOSKVA	RUSSIAN FEDERATION	78073	C	NASSAU AIRPORT	BAHAMAS
60457	C	MOSTAGANEMVILLE	ALGERIA	82599	T	NATAL (AEROPORTO)	BRAZIL
64550	C	MOUILA	GABON	71813	C	NATASHQUAN,QUE.	CANADA
94821	CT	MOUNT GAMBIER AERO	AUSTRALIA	65319	C	NATITINGOU	BENIN
88889	C	MOUNT PLEASANT AIRPORT	UK FALKLANDISLANDS	91683	C	NAUSORI	FIJI
64402	C	MOUYONDZI	CONGO	08215	C	NAVACERRADA	SPAIN
63619	C	MOYALE	KENYA	41749	C	NAWABSHAH	PAKISTAN
94332	CT	MT ISA AERO	AUSTRALIA	47909	CT	NAZE	JAPAN
63971	C	MTWARA	U REP TANZANIA	64700	C	NDJAMENA	CHAD
10870	C	MUENCHEN,FLUGHAFEN	GERMANY	80315	C	NEIVA/BENITOSALAS	COLOMBIA
10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY	61497	C	NEMA	MAURITANIA
17292	C	MUGLA	TURKEY	47420	CT	NEMURO	JAPAN
42147	C	MUKTESHWARKUMAON	INDIA	89002	CT	NEUMAYER	GERMANY
41675	C	MULTAN	PAKISTAN	87715	C	NEUQUENAERO	ARGENTINA
08430	CT	MURCIA	SPAIN	10270	C	NEURUPPIN	GERMANY
08429	C	MURCIA/ALCANTARILLA	SPAIN	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
08433	C	MURCIA/SANJAVIER	SPAIN	72231	C	NEW ORLEANS/MOISANTINT., LA	USA
44231	C	MUREN	MONGOLIA	93308	C	NEW PLYMOUTH AERODROME	N ZEALAND
22113	CT	MURMANSK	RUSSIAN FEDERATION	93309	C	NEW PLYMOUTH AWS	N ZEALAND
47899	C	MUROTOMISAKI	JAPAN	72503	C	NEW YORK/LA GUARDIA, NY.	USA
72636	C	MUSKEGON/COUNTY,MI.	USA	94317	C	NEWMAN AERO	AUSTRALIA
63756	C	MWANZA	U REP TANZANIA	64870	C	NGAOUNDERE	CAMEROON
25173	C	MYS SHMIDTA	RUSSIAN FEDERATION	61052	CT	NIAMEY-AERO	NIGER
64654	C	N'DELE	CENTRAL AFRICAN REP	07690	C	NICE	FRANCE
61049	C	N'GUIGMI	NIGER	17250	C	NIGDE	TURKEY
60557	C	NAAMA	ALGERIA	02942	C	NIINISALO	FINLAND

# STATION LIST RECENT DATA

32618	C	NIKOL'SKOE	RUSSIAN FEDERATION	47122	T	OSAN AB	REP KOREA
31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION	47675	C	OSHIMA	JAPAN
07645	T	NIMES/COURBESSAC	FRANCE	01384	C	OSLO/GARDERMOEN	NORWAY
98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES	85782	C	OSORNO	CHILE
61230	C	NIORO DU SAHEL	MALI	11782	C	OSTRAVA/MOSNOV	CZECH REP
41710	C	NOKKUNDI	PAKISTAN	20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION
70200	CT	NOME	USA	21432	C	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION
94996	CT	NORFOLK ISLAND AERO	AUSTRALIA	20069	C	OSTROV VIZE	RUSSIAN FEDERATION
72308	C	NORFOLK/INT.,VA.	USA	65503	C	OUAGADOUGOU	BURKINA FASO
72556	C	NORFOLK/KARLSSTEFAN, NE.	USA	65502	C	OUAHIGOUYA	BURKINA FASO
71043	CT	NORMAN WELLS UA, N.W.T.	CANADA	60580	C	OUARGLA	ALGERIA
72340	C	NORTHLITTLE ROCK/MUNICIPAL	USA	60265	C	OUARZAZATE	MOROCCO
72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA	07100	C	OUESSANT	FRANCE
61415	C	NOUADHIBOU	MAURITANIA	64458	C	OUESSO	CONGO
61442	C	NOUAKCHOTT	MAURITANIA	60115	C	OIJDA	MOROCCO
91592	CT	NOUMEA (NLE-CALEDONIE)	N CALEDONIA	02875	C	OULU	FINLAND
89512	T	NOVOLAZAREVSKAJA	USSR	60421	C	OUM EL BOUAGHI	ALGERIA
10506	C	NUERBURG-BARWEILER	GERMANY	08015	C	OVIDO	SPAIN
10763	C	NUERNBERG	GERMANY	47663	C	OWASE	JAPAN
04250	C	NUUK (GODTHAAB)	GREENLAND	96163	C	PADANG/TABING	INDONESIA
43473	C	NUWARA ELIYA	SRI LANKA	91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA
62790	C	NYALA	SUDAN	96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA
64659	C	OBO	CENTRALAFRICAN REP	96221	C	PALEMBANG/TALANGBETUTU	INDONESIA
33837	C	ODESA	UKRAINE	08301	CT	PALMA DE MALLORCA	SPAIN
31088	CT	OHOTSK	RUSSIAN FEDERATION	08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN
47815	C	OITA	JAPAN	80479	C	PALMICHAL	VENEZUELA
24688	C	OJMJAKON	RUSSIAN FEDERATION	40061	C	PALMYRA	SYRIAN ARAB REP
24125	CT	OLENEK	RUSSIAN FEDERATION	97072	C	PALU/MUTIARA	INDONESIA
87643	C	OLOVARRIAAERO	ARGENTINA	43363	C	PAMBAN	INDIA
72792	C	OLYMPIA, WA.	USA	08085	C	PAMPLONA/NOAIN	SPAIN
47655	C	OMAEZAKI	JAPAN	96237	C	PANGKALPINANG/PANGKALPINANG	INDONESIA
44215	C	OMNO-GOBI	MONGOLIA	41739	C	PANJGUR	PAKISTAN
28698	CT	OMSK	RUSSIAN FEDERATION	41560	C	PARACHINAR	PAKISTAN
47598	C	ONAHAMA	JAPAN	65330	C	PARAKOU	BENIN
91699	C	ONO-I-LAU	FIJI	87374	C	PARANA AERO	ARGENTINA
87016	C	ORAN AERO	ARGENTINA	93417	CT	PARAPARAUMUAERODROME	N ZEALAND
60461	C	ORAN PORT	ALGERIA	82287	C	PARNAIBA	BRAZIL
60490	C	ORAN/ES SENIA	ALGERIA	41759	C	PASNI	PAKISTAN
35121	CT	ORENBURG	RUSSIAN FEDERATION	87289	C	PASO DE LOS LIBRES AERO	ARGENTINA
08048	C	ORENSE	SPAIN	80342	C	PASTO/ANTONIONARINO	COLOMBIA
01241	CT	ORLAND	NORWAY	42492	T	PATNA	INDIA
72205	C	ORLANDO/JETPORT,FL.	USA	06610	T	PAYERNE	SWITZERLAND
85242	C	ORURO	BOLIVIA	12942	C	PECS/POGANY	HUNGARY
47772	C	OSAKA	JAPAN	87544	C	PEHUAJO AERO	ARGENTINA

# STATION LIST RECENT DATA

67215	C	PEMBA	MOZAMBIQUE	68842	CT	PORT ELIZABETH	SOUTH AFRICA
48601	CT	PENANG/BAYANLEPAS	MALAYSIA	71109	CT	PORT HARDY UA,B.C.	CANADA
72688	C	PENDLETON,OR.	USA	94312	CT	PORT HEDLANDAIRPORT	AUSTRALIA
72532	C	PEORIA/GREATERPEORIA,IL.	USA	62641	C	PORT SUDAN	SUDAN
80210	C	PEREIRA/MATECANA	COLOMBIA	78437	C	PORT-AU-PRINCE(DAMIEN)	HAITI
87852	C	PERITO MORENO AERO	ARGENTINA	71197	C	PORT-AUX-BASQUES,NFLD.	CANADA
07747	C	PERPIGNAN	FRANCE	61998	CT	PORT-AUX-FRANCAIS(ILES KERG)	OCEANISLANDS
94610	CT	PERTH AIRPORT	AUSTRALIA	64501	C	PORT-GENTIL	GABON
41530	C	PESHAWAR	PAKISTAN	72698	C	PORTLAND/INT.,OR.	USA
82983	T	PETROLINA	BRAZIL	72606	C	PORTLAND/INTNLJET PORT, ME	USA
32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION	83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL
72408	C	PHILADELPHIA/INT.,PA.	USA	08546	C	PORTO/SERRADO PILAR	PORTUGAL
48378	C	PHITSANULOK	THAILAND	87178	C	POSADAS AERO.	ARGENTINA
72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA	83332	C	POSSE	BRAZIL
48565	T	PHUKET AIRPORT	THAILAND	10379	C	POTSDAM	GERMANY
78970	CT	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD AND TOBAGO	12330	C	POZNAN	POLAND
76243	C	PIEDRAS NEGRAS	MEXICO	48500	C	PRACHUAPKHIRIKHAN	THAILAND
68174	C	PIETERSBURG	SOUTH AFRICA	11520	CT	PRAHA-LIBUS	CZECH REP
87679	C	PIGUE AERO	ARGENTINA	11518	C	PRAHA/RUZYNE	CZECH REP
87349	C	PILAR OBSERVATORIO	ARGENTINA	16245	T	PRATICA DI MARE	ITALY
33019	C	PINSK	BELARUS	68262	C	PRETORIA	SOUTH AFRICA
16158	C	PISA/S. GIUSTO	ITALY	11659	C	PRIBYSLAV	CZECH REP
84691	C	PISCO	PERU	11423	C	PRIMDA	CZECH REP
72520	C	PITTSBURGH/GREATERPITT.,PA.	USA	71869	C	PRINCE ALBERT,SASK.	CANADA
84401	C	PIURA	PERU	04390	C	PRINS CHRISTIAN SUND	GREENLAND
61990	C	PLAISANCE(MAURITIUS)	MAURITIUS	72507	C	PROVIDENCE/GREENSTATE, RI.	USA
07117	C	PLOUMANACH	FRANCE	80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA
65518	C	PO	BURKINA FASO	84515	C	PUCALLPA	PERU
72578	C	POCATELLO/NUM.,ID.	USA	85574	C	PUDAHUEL	CHILE
13463	C	PODGORICA-GRAD	YUGOSLAVIA	76855	C	PUERTO ANGEL, OAX	MEXICO
61612	C	PODOR	SENEGAL	80457	C	PUERTO AYACUCHO	VENEZUELA
47138	CT	POHANG	REP KOREA	80139	C	PUERTO CARRENO/A.GUAUQUEA	COLOMBIA
64400	C	POINTE-NOIRE	CONGO	87896	C	PUERTO DESEADO AERO	ARGENTINA
07335	C	POITIERS	FRANCE	78767	C	PUERTOLIMON	COSTA RICA
91348	C	PONAPE, CAROLINEISLANDS.	USA	85799	CT	PUERTO MONTT	CHILE
71095	C	POND INLET, N.W.T.	CANADA	78458	C	PUERTO PLATA	DOMINICAN REP
08053	C	PONFERRADA	SPAIN	85289	C	PUERTO SUAREZ	BOLIVIA
08513	C	PONTA DELGADA/(OBS.)	PORTUGAL	85934	CT	PUNTA ARENAS	CHILE
08044	C	PONTEVEDRA	SPAIN	87596	C	PUNTA INDIO B.A.	ARGENTINA
43063	C	POONA	INDIA	47159	C	PUSAN	REP KOREA
11952	T	POPRAD-GANOVCE	SLOVAKIA	56137	C	QAMDO	CHINA
11934	C	POPRAD/TATRY	SLOVAKIA	54857	C	QINGDAO	CHINA
80421	C	PORLAMAR (AEROPUERTOINT. DE	VENEZUELA	50745	C	QIQIHAR	CHINA
43333	CT	PORT BLAIR	INDIA	67283	C	QUELIMANE	MOZAMBIQUE



# STATION LIST RECENT DATA

71103	C	QUESNEL,B.C.	CANADA	87453	C	RIO CUARTO AERO	ARGENTINA
41660	C	QUETTA AIRPORT	PAKISTAN	87925	C	RIO GALLEGOS AERO	ARGENTINA
80144	C	QUIBDO/ELCARANO	COLOMBIA	80035	T	RIOHACHA/ALMIRANTEPADILLA	COLOMBIA
72797	C	QUILLAYUTE,WA.	USA	80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA
60135	C	RABAT-SALE	MOROCCO	40438	C	RIYADH	SAUDI ARABIA
40362	C	RAFHA	SAUDI ARABIA	72411	C	ROANOKE/MUN.,VA.	USA
72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA	85268	C	ROBORE	BOLIVIA
93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND	72644	C	ROCHESTER/MUN.,MN.	USA
91958	CT	RAPA	FRENCH POLY.	72529	C	ROCHESTER/R-MONROECTY.,NY.	USA
72662	C	RAPID CITY/REGIONALAIRPORT,	USA	94374	CT	ROCKHAMPTONAERO	AUSTRALIA
91843	C	RAROTONGA	COOK ISLANDS	61988	C	RODRIGUES	MAURITIUS
22602	C	REBOLY	RUSSIAN FEDERATION	06190	C	ROENNE	DENMARK & FAROE IS.
87270	C	RECONQUISTAAERO	ARGENTINA	87480	C	ROSARIO AERO	ARGENTINA
07070	C	REIMS	FRANCE	03957	C	ROSSLARE	IRELAND
07130	C	RENNES	FRANCE	10170	C	ROSTOCK-WARNEMUENDE	GERMANY
72488	C	RENO/INT.,NV.	USA	34731	T	ROSTOV-NA-DONU	RUSSIAN FEDERATION
08219	C	RESERVED	SPAIN	08449	C	ROTA	SPAIN
71721	C	RESERVED	CANADA	89062	C	ROTHERAPOINT	U KINGDOM
76658	C	RESERVED	MEXICO	93247	C	ROTORUUAERODROME	N ZEALAND
19984	C	RESERVED	RESERVED	91650	C	ROTUMA	FIJI
10138	C	RESERVED	GERMANY	07037	C	ROUEN	FRANCE
08420	C	RESERVED	SPAIN	10058	C	RRESERVED	GERMANY
60401	C	RESERVED	ALGERIA	51777	C	RUOQIANG	CHINA
10068	C	RESERVED	GERMANY	85141	C	RURRENABAQUE	BOLIVIA
71713	C	RESERVED	CANADA	71600	CT	SABLE ISLAND,N.S.	CANADA
71918	C	RESERVED	CANADA	71051	C	SACHS HARBOUR	CANADA
44317	C	RESERVED	MONGOLIA	72483	C	SACRAMENTO/EXECUTIVECA.	USA
60415	C	RESERVED	ALGERIA	06680	C	SAENTIS	SWITZERLAND
10010	C	RESERVED	GERMANY	42671	C	SAGAR	INDIA
44325	C	RESERVED	MONGOLIA	60536	C	SAIDA	ALGERIA
17123	C	RESERVED	TURKEY	47740	C	SAIGO	JAPAN
10107	C	RESERVED	GERMANY	44336	C	SAIKHAN-OVOO	MONGOLIA
19978	C	RESERVED	RESERVED	61600	C	SAINT-LOUIS	SENEGAL
87155	C	RESISTENCIA AERO.	ARGENTINA	08594	T	SAL ISLAND	CAPE VERDE
71924	CT	RESOLUTEUA, N.W.T.	CANADA	41316	CT	SALALAH	OMAN
08175	C	REUS/AEROPUERTO	SPAIN	08202	C	SALAMANCA/MATACAN	SPAIN
04030	C	REYKJAVIK	ICELAND	23330	CT	SALEHARD	RUSSIAN FEDERATION
85043	C	RIBERALTA	BOLIVIA	72572	C	SALT LAKE CITY/INTL.,UT.	USA
94340	C	RICHMOND	AUSTRALIA	87047	C	SALTA AERO	ARGENTINA
95753	C	RICHMONDAMO AWS	AUSTRALIA	76390	C	SALTILLO,COAH	MEXICO
72401	C	RICHMOND/BYRD,VA.	USA	83229	T	SALVADOR	BRAZIL
91948	C	RIKITEA	FRENCH POLY.	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
44203	C	RINCHINHUMBE	MONGOLIA	35925	C	SAM	KAZAKHSTAN
87736	C	RIO COLORADO	ARGENTINA	17030	CT	SAMSUN	TURKEY

# STATION LIST RECENT DATA

61277	C	SAN	MALI	71828	C	SCHEFFERVILLE,QUE.	CANADA
80001	CT	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA	10035	CT	SCHLESWIG	GERMANY
72263	C	SAN ANGELO/MATHIS,TX.	USA	10162	C	SCHWERIN	GERMANY
80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA	98430	C	SCIENCE GARDEN	PHILIPPINES
87784	C	SAN ANTONIO OESTE AERO	ARGENTINA	72793	C	SEATTLE/S.-TACOMA,WA.	USA
72253	C	SAN ANTONIO/INT.,TX.	USA	41256	CT	SEEB, INTERNATIONALAIRPORT	OMAN
72290	C	SAN DIEGO/LINDBERGH,CA.	USA	61272	C	SEGOU	MALI
80450	C	SAN FERNANDODE APURE	VENEZUELA	08213	C	SEGOVIA	SPAIN
72494	C	SAN FRANCISCO/INTL,CA.	USA	25703	CT	SEJMCHAN	RUSSIAN FEDERATION
85207	C	SAN IGNACIO DE VELASCO	BOLIVIA	96839	C	SEMARANG/AHMADYANI	INDONESIA
85104	C	SAN JOAQUIN	BOLIVIA	36177	C	SEMIPALATINSK	KAZAKHSTAN
85247	C	SAN JOSE DE CHIQUITOS	BOLIVIA	62762	C	SENNAR	SUDAN
87311	C	SAN JUAN AERO	ARGENTINA	47108	C	SEOUL	REP KOREA
80431	C	SAN JUAN DE LOS MORROS	VENEZUELA	71811	CT	SEPT-ILES UA,QUE.	CANADA
78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US	60445	C	SETIF	ALGERIA
87909	C	SAN JULIAN AERO	ARGENTINA	08391	C	SEVILLA/SANPABLO	SPAIN
87436	C	SAN LUIS AERO	ARGENTINA	63980	C	SEYCHELLESINT. AIRPORT	SEYCHELLES
76539	C	SAN LUIS POTOSI	MEXICO	63985	T	SEYCHELLESINT. AIRPORT	SEYCHELLES
87509	C	SAN RAFAEL AERO	ARGENTINA	58362	CT	SHANGHAI	CHINA
08029	C	SAN SEBASTIAN/FUENTERRABIA	SPAIN	03962	C	SHANNON AIRPORT	IRELAND
08027	C	SAN SEBASTIAN/IGUELDO	SPAIN	59316	C	SHANTOU	CHINA
96491	C	SANDAKAN	MALAYSIA	41136	C	SHARURAH	SAUDI ARABIA
71101	C	SANDSPIT,B.C.	CANADA	03414	C	SHAWBURY	U KINGDOM
17270	C	SANLIURFA	TURKEY	70414	T	SHEMYA AFB	USA
85123	C	SANTA ANA	BOLIVIA	54342	C	SHENYANG	CHINA
60020	CT	SANTA CRUZ DE TENE- RIFE, CM	SPAIN	33317	C	SHEPETIVKA	UKRAINE
85245	C	SANTA CRUZ/EL TROMPILLO	BOLIVIA	72666	C	SHERIDAN/COUNTY,WY.	USA
80462	C	SANTA ELENA DE UAIREN	VENEZUELA	47898	C	SHIMIZU	JAPAN
08515	C	SANTA MARIA (ACORES)	PORTUGAL	47778	CT	SHIONOMISAKI	JAPAN
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	40848	CT	SHIRAZ	IRAN, ISLAMIC REP
87623	CT	SANTA ROSA AERO	ARGENTINA	72248	C	SHREVEPORT/REG.LA.	USA
08023	CT	SANTANDER	SPAIN	41600	C	SIALKOT	PAKISTAN
08021	C	SANTANDER/PARAYAS	SPAIN	26524	C	SIAULIAI	LITHUANIA
87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA	64405	C	SIBITI	CONGO
85577	C	SANTIAGO QUINTA NORMAL	CHILE	15260	C	SIBIU	ROMANIA
08042	C	SANTIAGO/LABACOLLA	SPAIN	96073	C	SIBOLGA/PINANGSORI	INDONESIA
78486	C	SANTO DOMINGO	DOMINICAN REP	96421	C	SIBU	MALAYSIA
47412	CT	SAPPORO	JAPAN	60520	C	SIDI BEL ABBES	ALGERIA
34172	C	SARATOV	RUSSIAN FEDERATION	17210	C	SIIRT	TURKEY
41594	CT	SARGODHA	PAKISTAN	61297	C	SIKASSO	MALI
64750	C	SARH	CHAD	42619	C	SILCHAR	INDIA
72734	C	SAULT STE. MARIE, MI.	USA	33946	C	SIMFEROPOL'	UKRAINE
72207	C	SAVANNAH/MUNICIPAL,GA.	USA	48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE
65335	C	SAVE	BENIN	72557	C	SIoux CITY/MUN.,IA.	USA

# STATION LIST RECENT DATA

72651	C	SIoux FALLS/FOSS FIELD, SD.	USA	02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN
71842	C	SIoux LOOKOUT,ONT.	CANADA	24738	C	SUNTAR	RUSSIAN FEDERATION
17090	C	SIVAS	TURKEY	41268	C	SUR	OMAN
62417	C	SIWA	EGYPT	98653	C	SURIGAO	PHILIPPINES
60355	C	SKIKDA	ALGERIA	47421	C	SUTTSU	JAPAN
71069	C	SLAVE LAKE, ALTA	CANADA	01008	C	SVALBARDLUFTHAVN	NORWAY
11903	C	SLIAC	SLOVAKIA	71870	C	SWIFT CURRENT,SASK.	CANADA
71950	C	SMITHERS,B.C.	CANADA	94767	C	SYDNEY AIRPORT	AUSTRALIA
02836	CT	SODANKYLA	FINLAND	23804	CT	SYKTYVKAR	RUSSIAN FEDERATION
15614	CT	SOFIA (OBSERV.)	BULGARIA	89532	CT	SYOWA	JAPAN N
41246	C	SOHAR MAJIS	OMAN	72519	C	SYRACUSE/HANCOCK,NY.	USA
65361	C	SOKODE	TOGO	12205	C	SZCZECIN	POLAND
76471	C	SOMBRERETE,ZAC	MEXICO	12982	CT	SZEGED	HUNGARY
63962	C	SONGEA	U REP TANZANIA	63832	C	TABORA AIRPORT	U REP TANZANIA
48568	CT	SONGKHLA	THAILAND	40706	C	TABRIZ	IRAN, ISLAMIC REP
11146	C	SONNBLICK	AUSTRIA	40375	CT	TABUK	SAUDI ARABIA
08148	C	SORIA	SPAIN	98550	C	TACLOBAN	PHILIPPINES
76499	C	SOTO LA MARINA, TAMPS.	MEXICO	84782	C	TACNA	PERU
16746	C	SOUDA (AIRPORT)	GREECE	47133	C	TAEJON	REP KOREA
60423	C	SOUK AHRAS	ALGERIA	98644	C	TAGBILARAN	PHILIPPINES
72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA	83235	C	TAGUATINGA	BRAZIL
72785	C	SPOKANE/INT.,WA.	USA	91938	CT	TAHITI-FAAA	FRENCH POLY.
68512	C	SPRINGBOK	SOUTH AFRICA	61043	C	TAHOUA	NIGER
72439	C	SPRINGFIELD/CAPITAL,IL.	USA	41036	C	TAIF	SAUDI ARABIA
42027	CT	SRINAGAR	INDIA	45011	C	TAIPA	MACAU
61986	C	ST. BRANDON(ST. RAPHAEL)	MAURITIUS	53772	C	TAIYUAN	CHINA
61901	CT	ST. HELENA IS.	OCEAN ISLANDS	47891	C	TAKAMATSU	JAPAN
72434	C	ST. LOUIS/LAMBERT,ST., MO.	USA	91943	C	TAKAROA	FRENCH POLY.
70308	C	ST. PAUL	USA	65467	C	TAKORADI	GHANA
26063	CT	ST. PETERBURG	RUSSIAN FEDERATION	72214	C	TALLAHASSEE/MUN.,FL.	USA
11028	C	ST. POELTEN	AUSTRIA	26038	C	TALLINN	ESTONIA
71801	T	ST.JOHN'S UA,NLFD	CANADA	65418	C	TAMALE	GHANA
04312	C	STATIONNORD AWS	GREENLAND	60680	CT	TAMANRASSET	ALGERIA
01415	CT	STAVANGER/SOLA	NORWAY	67095	C	TAMATAVE	MADAGASCAR
71815	T	STEPHENVILLEUA,NFLD	CANADA	61687	C	TAMBACOUNDA	SENEGAL
72403	T	STERLING, VA.	USA	38413	C	TAMDY	UZBEKISTAN
80475	C	STO.DOMINGO(B.A.)	VENEZUELA	72211	C	TAMPA/INT.,FL.	USA
02485	C	STOCKHOLM	SWEDEN	76548	C	TAMPICO, TAMPS	MEXICO
03026	CT	STORNOWAY	U KINGDOM	87645	C	TANDIL AERO	ARGENTINA
07190	C	STRASBOURG	FRANCE	47837	C	TANEGASHIMA	JAPAN
10738	C	STUTTGART-ECHTERDINGEN	GERMANY	60101	C	TANGER(AERODROME)	MOROCCO
10739	T	STUTTGART/SCHNARRENBERG	GERMANY	96249	C	TANJUNGPANDAN/BULUHTUMBANG	INDONESIA
85283	C	SUCRE	BOLIVIA	76903	C	TAPACHULA,CHIS.	MEXICO
15360	C	SULINA	ROMANIA	84455	C	TARAPOTO	PERU

# STATION LIST RECENT DATA

94784	C	TAREE RADIO STN 2RE	AUSTRALIA	76683	C	TLAXCALA, TLAX	MEXICO
44230	C	TARIALAN	MONGOLIA	60531	C	TLEMCEN (ZENATA)	ALGERIA
23552	C	TARKO-SALE	RUSSIAN FEDERATION	28275	C	TOBOL'SK	RUSSIAN FEDERATION
26242	C	TARTU	ESTONIA	92100	C	TOKUA W.O.	PAPUA N GUINEA
38457	C	TASHKENT	UZBEKISTAN	47662	C	TOKYO	JAPAN
04360	CT	TASILAQ (AMASSALIK)	GREENLAND	08272	C	TOLEDO	SPAIN
47646	T	TATENO	JAPAN	72536	C	TOLEDO/EXPRESS, OH.	USA
96481	CT	TAWAU	MALAYSIA	76675	C	TOLUCA, MEX	MEXICO
60475	C	TEBESSA	ALGERIA	61223	CT	TOMBOUCTOU	MALI
78720	C	TEGUCIGALPA	HONDURAS	76382	C	TORREON, COAH.	MEXICO
40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP	08238	C	TORTOSA	SPAIN
85743	C	TEMUCO	CHILE	44225	C	TOSONTSENGEL	MONGOLIA
60025	C	TENERIFE SUR	SPAIN	47746	C	TOTTORI	JAPAN
60015	C	TENERIFE/LOSRODEOS	SPAIN	60555	C	TOUGGOURT	ALGERIA
60410	C	TENES	ALGERIA	07630	C	TOULOUSE/BLAGNAC	FRANCE
56739	C	TENGCHONG	CHINA	94294	CT	TOWNSVILLE AERO	AUSTRALIA
94238	C	TENNANT CREEK MET OFFICE	AUSTRALIA	16429	CT	TRAPANI/BIRGI	ITALY
83492	C	TEOFILO OTONI	BRAZIL	87828	C	TRELEW AERO	ARGENTINA
76556	C	TEPIC, NAY	MEXICO	87688	C	TRES ARROYOS	ARGENTINA
16232	C	TERMOLI	ITALY	16099	C	TREVISIO/S. ANGELO	ITALY
97430	C	TERNATE/BABULLAH	INDONESIA	10609	C	TRIER-PETRISBERG	GERMANY
08235	C	TERUEL	SPAIN	43418	C	TRINCOMALEE	SRI LANKA
61202	C	TESSALIT	MALI	83650	T	TRINDADE (ILHA)	BRAZIL
60318	C	TETUAN/SANIARAMEL	MOROCCO	85154	C	TRINIDAD	BOLIVIA
94570	C	TEWANTINRSL PARK	AUSTRALIA	40103	C	TRIPOLI	LEBANON
94492	C	THARGOMINDAH	AUSTRALIA	01025	C	TROMSO/LANGNES	NORWAY
71867	CT	THE PAS, MAN.	CANADA	84501	C	TRUJILLO	PERU
16622	C	THESSALONIKI/MIKRA	GREECE	91334	C	TRUK, CAROLINE IS.	USA
43371	CT	THIRUVANANTHAPURAM	INDIA	44282	C	TSETSERLEG	MONGOLIA
71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA	44347	C	TSOGT-OVOO	MONGOLIA
06011	CT	THORSHAVN	DENMARK & FAROE IS.	91954	C	TUBUAI	FRENCH POLY.
41314	C	THUMRAIT	OMAN	72274	C	TUCSON/INT., AZ.	USA
60511	C	TIARET	ALGERIA	87121	C	TUCUMAN AERO	ARGENTINA
94485	C	TIBOOMBURRA POST OFFICE	AUSTRALIA	98233	C	TUGUEGARAO	PHILIPPINES
61450	C	TIDJIKJA	MAURITANIA	76634	C	TULANCINGO, HGO.	MEXICO
61036	C	TILLABERY	NIGER	67161	C	TULEAR	MADAGASCAR
81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA	84370	C	TUMBES	PERU
60607	C	TIMMOUN	ALGERIA	80453	C	TUMEREMO	VENEZUELA
15247	C	TIMISOARA	ROMANIA	60715	CT	TUNIS-CARTHAGE	TUNISIA
02366	C	TIMRA/MIDLANDA	SWEDEN	24507	CT	TURA	RUSSIAN FEDERATION
94131	C	TINDAL AWS	AUSTRALIA	40356	C	TURAI F	SAUDI ARABIA
60656	C	TINDOUF	ALGERIA	38507	C	TURKMENBASHI	TURKMENISTAN
03100	C	TIREE	U KINGDOM	02972	C	TURKU	FINLAND
60395	C	TIZI-OUZOU	ALGERIA	23472	CT	TURUHANSK	RUSSIAN FEDERATION

# STATION LIST RECENT DATA

76843	C	TUXTLA GUTIERREZ	MEXICO	24266	CT	VERHOJANSK	RUSSIAN FEDERATION
48407	T	UBON RATCHATHANI	THAILAND	89063	C	VERNADSKY	UKRAINE
06447	CT	UCCLE	BELGIUM	15280	C	VF. OMU	ROMANIA
16044	T	UDINE/CAMPOFORMIDO	ITALY	72255	C	VICTORIA/VICTORIAREG., TX.	USA
16045	C	UDINE/RIVOLTO	ITALY	15502	C	VIDIN	BULGARIA
48354	C	UDON THANI	THAILAND	87791	C	VIEDMA AERO	ARGENTINA
44214	C	UIGI	MONGOLIA	08045	C	VIGO/PEINADOR	SPAIN
97180	C	UJUNG PANDANG/HASANUDDIN	INDONESIA	83208	T	VILHENA (AEROPORTO)	BRAZIL
44292	C	ULAAN-BAATOR	MONGOLIA	24641	C	VILJUJSK	RUSSIAN FEDERATION
44212	C	ULAAN-GOM	MONGOLIA	60096	C	VILLA CISNEROS	WESTERN SAHARA
44272	C	ULIASTAI	MONGOLIA	87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA
47115	C	ULLUNGDO	REP KOREA	87328	C	VILLA DOLORES AERO	ARGENTINA
44304	C	UNDERKHAAN	MONGOLIA	87448	C	VILLA REYNOLDS AERO	ARGENTINA
76225	C	UNIV. DE CHIHUAHUA, CHIHUAHU	MEXICO	11212	C	VILLACHERALPE	AUSTRIA
94517	C	UNKNOWN	AUSTRALIA	76743	C	VILLAHERMOSA, TAB	MEXICO
87691	C	UNKNOWN	ARGENTINA	80234	C	VILLA VICENCIO/VANGUARDIA	COLOMBIA
94476	C	UNKNOWN	AUSTRALIA	26730	C	VILNIUS	LITHUANIA
95322	C	UNKNOWN	AUSTRALIA	02590	C	VISBY FLYGPLATS	SWEDEN
95964	C	UNKNOWN	AUSTRALIA	43149	C	VISHAKHAPATNAM	INDIA
68424	C	UPINGTON	SOUTH AFRICA	30054	C	VITIM	RUSSIAN FEDERATION
47426	C	URAKAWA	JAPAN	83648	C	VITORIA	BRAZIL
51463	CT	URUMQI	CHINA	08080	C	VITORIA	SPAIN
17188	C	USAK	TURKEY	83344	C	VITORIA DA CONQUISTA	BRAZIL
87938	C	USHUAIA AERO	ARGENTINA	31960	C	VLADIVOSTOK	RUSSIAN FEDERATION
30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION	27037	CT	VOLOGDA	RUSSIAN FEDERATION
25325	C	UST'-OLOJ	RUSSIAN FEDERATION	22837	C	VYTEGRA	RUSSIAN FEDERATION
85766	C	VALDIVIA	CHILE	72256	C	WACO, MADISON-COOPER, TX.	USA
08285	C	VALENCIA	SPAIN	62751	C	WAD MEDANI	SUDAN
80472	C	VALENCIA	VENEZUELA	03377	C	WADDINGTON	U KINGDOM
08284	C	VALENCIA/AEROPUERTO	SPAIN	41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA
03953	CT	VALENTIA OBSERVATORY	IRELAND	62600	C	WADI HALFA	SUDAN
80426	C	VALERA	VENEZUELA	94910	CT	WAGGA AIRPORT	AUSTRALIA
08141	C	VALLADOLID	SPAIN	47600	CT	WAJIMA	JAPAN
08140	C	VALLADOLID/VILLANBULA	SPAIN	47401	CT	WAKKANAI	JAPAN
80434	C	VALLE DE LA PASCUA	VENEZUELA	12375	C	WARSAWA-OKECIE	POLAND
03302	C	VALLEY	U KINGDOM	72405	C	WASHINGTON/NAT., VA.	USA
17170	C	VAN	TURKEY	03590	C	WATTISHAM	U KINGDOM
01098	C	VARDO	NORWAY	10688	C	WEIDEN	GERMANY
15552	C	VARNA	BULGARIA	40400	C	WEJH	SAUDI ARABIA
33038	C	VASILEVICI	BELARUS	72203	C	WEST PALM BEACH/INT., FL.	USA
26477	C	VELIKIE LUKI	RUSSIAN FEDERATION	10055	CT	WESTERMARKELSDORF	GERMANY
26314	C	VENTSPILS	LATVIA	71964	CT	WHITEHORSE, UA, Y.T.	CANADA
83264	C	VERA (GLEBA CELESTE)	BRAZIL	72351	C	WICHITA FALLS/SHEPS AFB TX	USA
42909	C	VERAVAL	INDIA	61902	C	WIDE AWAKE FIELD (ASCENSION)	OCEAN ISLANDS

# STATION LIST RECENT DATA

11035	CT	WIEN/HOHEWARTE	AUSTRIA
72513	C	WILKES-BARRE-SCRANTONPA.	USA
94776	CT	WILLIAMTOWNAERODROME	AUSTRALIA
94299	CT	WILLIS ISLAND	AUSTRALIA
72767	C	WILLISTON/SLOULINFIELD, ND.	USA
72583	C	WINNEMUCCA/MUN.,NV.	USA
12497	C	WLODAWA	POLAND
12425	T	WROCLAWI	POLAND
12424	C	WROCLAWII	POLAND
57036	C	XI'AN	CHINA
56571	C	XICHANG	CHINA
85365	C	YACUIBA	BOLIVIA
72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA
70361	CT	YAKUTAT	USA
94589	C	YAMBA	AUSTRALIA
54292	C	YANJI	CHINA
91413	C	YAP, CAROLINEIS.	USA
71603	CT	YARMOUTH,N.S.	CANADA
40439	C	YENBO	SAUDI ARABIA
57461	C	YICHANG	CHINA
53614	C	YINCHUAN	CHINA
51431	C	YINING	CHINA
47744	T	YONAGO	JAPAN
47168	C	YOSU	REP KOREA
72525	C	YOUNGSTOWN,OH.	USA
84425	C	YURIMAGUAS	PERU
56029	C	YUSHU	CHINA
98836	C	ZAMBOANGA	PHILIPPINES
08130	C	ZAMORA	SPAIN
76662	C	ZAMORA, MICH	MEXICO
44358	C	ZAMYN-UUD	MONGOLIA
81225	C	ZANDERIJ	SURINAME
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
57083	C	ZHENGZHOU	CHINA
57745	C	ZHIJIANG	CHINA
41620	C	ZHOB	PAKISTAN
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
17022	C	ZONGULDAK	TURKEY
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY
06660	C	ZURICH (TOWN/VILLE).	SWITZERLAND
25400	C	ZYRJANKA	RUSSIAN FEDERATION

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

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

### **Storm Data**

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