Agrometeorological Data Handbook of Pali

(1971-2010)

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Preface

Farmers throughout the world have selected the farming systems that match well with the natural resources of the region. Climate is one of the important physical factors that govern the choice of crops, cropping/farming systems. Where the climatic conditions are harsh, as are seen in arid regions, the prevailing weather conditions during the cropping season play very important role in expression or curtailment of potential crop yield. In arid regions, rainfed agriculture is much more vulnerable to weather vagaries as compared to the irrigated agriculture. As an example, the yield realization of sorghum (mostly rainfed) at farmers' fields in Pali district varied from 6 to 528 kg ha^{-1} during last 50 years, while the productivity of wheat (irrigated) during the same period ranged from 578 to 2074 kg ha^{-1}.

There is increasing concern that climate change related to global warming will exacerbate the problems of agriculture. Arid zones, already handicapped by unfavourable climatic conditions, might be affected more not only by the weather aberrations but also due to poor socio-economic condition of farmers.

We have summarised the daily weather data of the last four decades (1971-2000), recorded at our observatory at Pali, in the form of a Data Handbook. Daily and weekly means and extreme values of weather variables recorded during this period are given in tables 1-52 of Section-I. Daily means with standard errors and range are presented in graphs for easy comprehension of the climatic conditions that prevailed at the station. Weekly means, standard error and coefficient of variation, along with time trend of weather variables are given in tables 53-64 of this section.

Annual, decadal and grand monthly means, standard deviation and CV of weather data are given in Section-II (tables 65-80). Anomalies in monthly means (relative to 1971-2000 mean value) over the 40-years period are given in Fig. 13-27. Linear, power, log, quadratic or exponential regression equation, that gave the best fit to time trend of monthly data, are given in text boxes in these figures. Anomalies and time trend of annual data are given in Fig. 28. Crop weather calendars for pearl millet/ sorghum and mustard crops, with expected weather conditions during different crop growth stages, are given in Section-III.

We hope that this Data Handbook will strengthen our knowledge base on existing and the changing weather phenomena and help in developing suitable management strategies for different cropping/farming systems. We are thankful to all the scientists and technicians of the Regional Research Station of CAZRI at Pali who have been involved in data collection from the observatory since the beginning.

Authors

Acronyms and abbreviations used

*	F test significant at 5% level of significance
**	F test significant at 1% level of significance
CV	Coefficient of variation (%)
DMean	Decadal mean
DTR	Diurnal temperature range (°C)
Evap	Evaporation (mm)
GMean	Grand mean (1971-2010)
IMD	India Meteorological Department
Max	Maximum
Min	Minimum
Met. week	Meteorological week
Rainfall classification	
AN	Above Normal (25.1 to 50% above normal rainfall)
BN	Below Normal (25.1 to 50% less than normal rainfall)
Ex	Excess (more than 50.0% of normal rainfall)
N	Normal (±25% of normal rainfall)
SD	Severe Deficit (less than 50.0% of normal rainfall)
RH	Relative humidity (%)
RH-I	Relative humidity (%) at 07.38h
RH-II	Relative humidity (%) at 14.38h
SD	Standard deviation
SE	Standard error
SS	Sunshine hours (h)
Tmax	Maximum temperature (°C)
Tmin	Minimum temperature (°C)
WS	Wind speed (kmph)

Dates of standard meteorological weeks

Met. week	Dates				Met. week	Dates			
1	1	January	- 7	January	27	2	July	- 8	July
2	8	January	- 14	January	28	9	July	- 15	July
3	15	January	- 21	January	29	16	July	- 22	July
4	22	January	- 28	January	30	23	July	- 29	July
5	29	January	- 4	February	31	30	July	- 5	August
6	5	February	- 11	February	32	6	August	- 12	August
7	12	February	- 18	February	33	13	August	- 19	August
8	19	February	- 25	February	34	20	August	- 26	August
9*	26	February	- 4	March	35	27	August	- 2	September
10	5	March	- 11	March	36	3	September	- 9	September
11	12	March	- 18	March	37	10	September	- 16	September
12	19	March	- 25	March	38	17	September	- 23	September
13	26	March	- 1	April	39	24	September	- 30	September
14	2	April	- 8	April	40	1	October	- 7	October
15	9	April	- 15	April	41	8	October	- 14	October
16	16	April	- 22	April	42	15	October	- 21	October
17	23	April	- 29	April	43	22	October	- 28	October
18	30	April	- 6	May	44	29	October	- 4	November
19	7	May	- 13	May	45	5	November	- 11	November
20	14	May	- 20	May	46	12	November	- 18	November
21	21	May	- 27	May	47	19	November	- 25	November
22	28	May	- 3	June	48	26	November	- 2	December
23	4	June	- 10	June	49	3	December	- 9	December
24	11	June	- 17	June	50	10	December	- 16	December
25	18	June	- 24	June	51	17	December	- 23	December
26	25	June	- 1	July	52#	24	December	- 31	December

*Met. week 9 has 8 days in the leap year and 7 days in a normal year

#Met. week 52 is always of 8 days

Contents

Agrometeorological Characteristics of Pali Weather (1971-2010)

The meteorological observatory of Central Arid Zone Research Institute (CAZRI) Regional Research Station, Pali (25° 5′ N; 7 3° 5′ E; elevation 217m) is recording weather data since 1969. Since its inception this observatory has generated lots of information on weather parameters that are relevant not only for extreme weather analysis (e.g., drought, flood, cold wave, heat wave, etc.), but also for understanding of climatic conditions favourable for crop growth and the changes in climate over time.

This Data Handbook summarises the daily records of maximum temperature (°C), minimum temperature (°C), relative humidity (%), rainfall (mm), open pan evaporation (mm), wind speed (kmph) and sunshine hours (h) for the last forty years (1971-2010) to find out their patterns of variability and time trend at weekly and monthly scales. Temperature (°C), relative humidity (RH-I) and wind speed (kmph) data is recorded at 07.37 h and 14.37 h. Open pan evaporation and rainfall data is recorded at 08.30 h and 14.30 h. Sunshine hours (h) data is recorded from day break till sunset. Missing data during the period has been filled up by taking the average values for the decade. The period June to September is considered as 'monsoon' season, when much of the rainfall in a year is expected. The period 1971-2000 has been considered as 'climatic normal', and monthly anomalies in weather variables have been calculated as changes from it. For all other calculations, the long-term mean was taken for 1971-2010. The following classification has been used to classify a year's monsoon and annual rainfall as normal or otherwise.

Rainfall amount	Rainfall class	Symbol used
±25% of normal rainfall	Normal	N
25.1 to 50% less than normal rainfall	Below normal	BN
Less than 50.0% of normal rainfall	Severe deficit	SD
25.1 to 50% more than normal rainfall	Above normal	AN
More than 50.0% of normal rainfall	Excess	Ex

Though there were wide inter-annual variations, the long-term average temperature was lowest during first half of January. Averaged over the years, highest maximum weekly temperature (42.2°C) was recorded in 20th met. week (Table 53), while the minimum temperature reached its peak in 23rd met. week (28.3°C, Table 54). Maximum temperature declined to 33.2°C in 33rd week due to rains. It again increased to 37.1°C in 40th week and from that period onwards it declined gradually (Fig. 1). In case of minimum temperature no such second peak was observed (Fig. 3). Highest value of mean temperature (34.9°C) was also observed in 23rd week (Table 55) that declined to 30.1°C in 30th week and remained between 29-30°C during next 10 weeks. From 41st week onwards (mid-October) there was sharp decline in mean temperature (Fig. 5).

Lowest monthly maximum temperature was recorded in January (25.7°C), while the hottest month was May (41.8°C), closely followed by June (40.2°C). Highest inter-annual variability (CV) in

maximum temperature was observed in February (6.5%), followed by March (5.2%) and September (5.1%). May had the lowest coefficient of variation (2.9%) for maximum temperature (Table 66).

The lowest minimum temperature was recorded in January (7.6°C). The highest value of minimum temperature was recorded in June (28.0°C, Table 67). The CV of minimum temperature was much higher than the CV of maximum temperature. The maximum inter-annual variability in minimum temperature, as indicated by coefficient of variation (CV), was observed in December (18.5%) and November (18.4%) months, while lowest CV value of 3.2% was recorded in June and July (Table 67). Mean monthly temperature was highest in May (34.3°C), followed by June (34.1°C, Table 68). The diurnal temperature range (DTR) was low during rainy season and high during winter season (Fig. 6 & Table 56). The DTR in July (8.9°C) and August (8.3°C) was below 10°C, while DTR was more than 18°C during January-March and November-December (Table 69).

There are several indicators to suggest a gradual increase in temperature during this period. Nine out of ten highest maximum temperature values were recorded during last 20 years (Table 81). Number of days in a year with TMax > 40°C had an increasing trend, while days with TMax < 25°C had a decreasing trend, though both the trends are statistically non-significant (Fig. 2). Similarly, the number of days in a year with TMin < 25°C had a significant declining trend (Fig. 4). Statistically there is no change in number of days with TMin < 4°C (Fig. 4), and the chances of frost injury to crops these days are as high as the chances that were decades ago. There was increasing trend in monthly temperature and the increase was statistically significant in maximum temperature during February and June (Fig. 13), and in minimum temperature during March-July and September (Fig. 14). Mean monthly temperature had a significant increasing trend during February to June (Fig. 15). Regression analysis of weekly data showed that maximum temperature increased significantly in nine weeks (Table 53), while minimum and mean temperatures had significant increasing trend in 14 weeks (Table 54 & 55). Annual maximum, minimum and mean temperature had shown significant increasing trend (Fig. 28). The increase in maximum and minimum temperature was not similar throughout the year; consequently the diurnal temperature range had declined significantly during May and June (Fig. 16).

Rainfall was received mostly during monsoon (JJAS) months (89.3% of annual rainfall). On 19 occasions, more than 100 mm rainfall was received in a single day. Six such events occurred in 1970s (two in 1973, one in 1977 and three in 1979), 11 in 1990s (three in 1990, one each in 1992, 1994, 1995 and 1996, and two in 1997) and two in first decade of this century (one each in 2005 and 2007). The highest one-day rainfall of 320 mm was received on 5th July, 2007 (Table 27). Weekly rainfall was more than 10 mm during 13 weeks (24, 26-37th met. weeks). Average weekly rainfall during met. weeks 1-21, 23, 38, 40-52 was less than 5 mm (Table 57). Only 9 weeks (27-35th met. weeks) received more than 20 mm rainfall, but even during these weeks the CV of rainfall was more than 100%. More than 50% probability of getting any rainfall during a week was only during 10 weeks (26-35th met. weeks, Table 58).

July had been the wettest month with 160.6 mm average rainfall, followed by August (139.4 mm), June (43.8 mm) and September (40.7 mm). Average monthly rainfall during January-April and November-December was less than 5.0 mm (Table 70). The CV of rainfall was less than

100% during June, July and August only (73-89%), indicating wide inter-annual variability in monthly rainfall. The CV of annual rainfall was about 50%. Average monsoon rainfall during this period was 384.4 mm, while annual rainfall was 424.1 mm (Table 71). About 89.3% of annual rainfall was received during monsoon season (JJAS), 4.8% during post-monsoon season (October-December), 4.5% during summer season (March-May) and only 1.4% during winter season (January-February). There were wide variations in monsoon and annual rainfall amounts. Maximum rainfall of monsoon season was received in 1973 (877.5 mm), while highest annual rainfall (916.6 mm) was received in 1990 (Table 71). The lowest monsoon rainfall (51.0 mm) and annual rainfall (71.5 mm) was received in 2002. Monsoon rainfall was in normal category during 15 years (Fig. 20). It was below-normal during eight years and severe-deficit during seven years, while in only three years it reached above-normal category and in seven excess rainfall category (Table 72). On annual rainfall basis, 16 years were in normal, nine in below-normal, six in severe-deficit, two in above-normal and seven in excess rainfall categories (Fig 21). Though there were wide variations in annual and decadal rainfall, there was no significant change (time trend) in monthly (Fig. 17), monsoon (Fig. 18) and annual rainfall (Fig. 19).

On an average there were 21 days in a year when more than 2.4 mm rainfall was received, which is considered as a 'rainy day' (Table 73). Maximum rainy days were recorded in 1975 (44 days), while minimum 10 rainy days were recorded in 1987, 1999 and 2002. Seven such days were recorded on an average in August, six in July and three in June. Number of days when rainfall was less than 2.5 mm was 9 in a year, while only 11 days in a year received more than 10 mm rainfall (Table 74).

Evaporation followed the trend similar to temperature. The lowest evaporation was recorded during winter months. It peaked in May and declined during rainy season (Fig 8). In September-October the evaporation again increased with increase in maximum temperature and reduction in RH. Evaporation was less than 5 mm d^{-1} during 1-5 and 46-52 met. weeks (Table 59). Its value was between 5-10 mm d^{-1} during 6-13 and 27-45 met. weeks. During 20th and 21st met. weeks, average evaporation was more than 15 mm d^{-1}. CV of evaporation was more than 40% during 27-33 met. weeks mainly due to wide year to year variability in rainfall. Monthly evaporation data shows that maximum evaporation was in the month of May (14.8 mm d^{-1}), followed by June (13.0 mm d^{-1}) and April (11.6 mm d^{-1}). Annual evaporation rate was 7.7 mm d^{-1}. There was significant decline in monthly evaporation rate during all the months except May, July and August (Fig. 22). Annual evaporation rate had also declined during this period (Fig. 28). This declining trend may be attributed mainly to the decrease in wind speed during this period.

Both RH-I and RH-II values decreased from January to mid-April, then gradually increased and peaked around mid-August (Fig. 9 & 10). RH values then declined up to mid-October and slightly increased during November-December. RH-I values were more than 70% in 14 met. weeks (26-39th weeks), while its value was less than 40% during 13-16th met. weeks (Table 60). During summer, RH-II values were lower than 20% during 11-18th met. weeks, while its values were more than 50% during 28-37th weeks in rainy season (Table 61). Similarly, average RH values were more than 60% during 27-37th met. weeks (Table 62). On monthly time scale, highest RH values were

recorded in August, followed by July (Table 76-78). There was no significant change in RH-I values over the years (Fig. 23), but RH-II showed significant increasing trend during May, June and December (Fig. 24). In case of mean RH, significant increase was observed in the month of May only (Fig. 25).

Wind speed was lowest during November, increased gradually thereafter and peaked in May-June (Fig. 11). During 42-52 met. weeks, average wind speed was 4-5 kmph, while during 18-32 met. weeks its value was in double digits (Table 63). June was the windiest month (13.7 kmph), followed by May (12.3 kmph) and July (12.2 kmph). During October-December, average wind speed was less than 5 kmph. Most noticeable observation was very significant decline in wind speed during all the months (Fig. 26).

Average sunshine hours increased from January to May with increase in daylength (Fig. 12). However, there was sharp decline in sunshine hours from June to mid-August due to increased cloud cover in rainy season. During 26-35th met. Weeks, sunshine hours remained between 5 to 7 h (Table 64), while the value was above 10 h during 16-22 met. weeks. Average monthly sunshine hour values were lowest in August (5.7 h), followed by July (5.8 h). However, these two months had highest CV due to wide inter-annual variability. There was decline in sunshine hours of November, December and January during this period (Fig. 27) that may be due to increase in cloud cover or fog.

Extreme weather events recorded during this period are given in Table 81. Crop weather calendars for pearl millet/sorghum (kharif) and mustard (rabi) crops have been constructed with mean weekly rainfall, maximum and minimum temperatures and sunshine hours corresponding to the important crop growth stages, which can be used as ready reckoners for expected weather conditions during a crop cycle (Table 82 & 83).

Though the farmers are well adapted to the growing conditions of this region, they may need to develop/adapt new strategies to cope with the increasing temperature trend. The decline in wind speed has resulted in reduction in atmospheric evapotranspiration demand as well as reduction in direct adverse effect of high wind speed on crops (e.g. lodging), wind erosion, etc. No significant change was observed in monsoon season and annual rainfall and farmers may make better use of the available rain water through cultivation of high yielding genotypes with suitable management practices.

DAILY AND WEEKLY WEATHER DATA

Table 1. Daily and weekly weather characteristics of meteorological week 1

Weather Variable	Date: January							Weekly Mean
	1	2	3	4	5	6	7	
	Julian Day							
	1	2	3	4	5	6	7	
Maximum Temperature (°C)								
Mean	25.6	25.3	25.4	25.3	25.5	25.4	25.4	25.4
Lowest Value	17.7	17.6	18.2	20.0	19.8	20.8	20.3	21.1
Year	2003	1991	1991	1991	1980	1972	2006	1991
Highest Value	29.5	29.8	30.0	30.3	29.8	29.5	30.0	28.9
Year	1993	2000	1993	1982	1987	1994	1994	2000
Minimum Temperature (°C)								
Mean	7.0	6.7	7.0	7.1	7.1	7.3	7.4	7.1
Lowest Value	0.0	-0.5	-0.4	2.5	1.9	2.0	2.9	2.9
Year	1991	1991	1991	1995	1992	1984	2009	1991
Highest Value	14.9	14.6	15.4	14.6	15.5	12.9	15.7	11.2
Year	2000	1993	2010	1987	1981	2008	2008	1981
Rainfall (mm)								
Mean	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.5
Highest Value	0.0	0.0	1.0	0.0	2.1	0.0	17.2	17.2
Year			2010		1981		1989	1989
Evaporation (mm)								
Mean	3.9	3.5	4.0	4.0	3.7	3.6	4.0	3.8
Lowest Value	2.2	1.2	1.5	1.3	1.9	1.6	2.5	2.6
Year	2007	1994	2010	2010	1984	1999	2000	2010
Highest Value	6.9	6.3	11.6	9.9	5.9	5.4	6.5	5.7
Year	1977	1990	1986	1986	1993	1997	1973	1986
RH-I (%)								
Mean	70	70	67	68	68	68	69	68
Lowest Value	40	43	26	29	33	41	34	48
Year	1999	1987	1973	1987	2008	1997	2006	1987
Highest Value	97	95	91	100	90	98	97	87
Year	1976	1976	1993	2010	2010	1999	1989	1976
RH-II (%)								
Mean	29	27	32	27	30	28	31	29
Lowest Value	10	11	7	6	12	12	11	14
Year	1987	1974	2008	2008	1974	1992	1980	1974
Highest Value	62	48	98	60	67	53	82	51
Year	1998	2001	1978	2010	1981	2000	1989	1998
Wind speed (kmph)								
Mean	5.7	4.8	5.3	5.2	5.4	5.1	6.1	5.4
Lowest Value	2.2	2.4	1.5	1.7	2.3	2.1	2.2	3.0
Year	1989	2006	1999	1974	1994	1974	1994	1994
Highest Value	13.5	10.8	11.4	10.1	11.1	10.4	12.0	8.6
Year	2005	1973	1973	1996	1981	2004	1979	1980
Sunshine hours (h)								
Mean	8.4	8.9	8.7	9.1	8.7	8.9	8.7	8.8
Lowest Value	0.0	4.4	0.0	4.2	5.2	2.8	4.5	6.9
Year	2005	1998	1988	2010	2010	1973	1981	1998
Highest Value	10.2	10.1	10.0	10.0	10.0	10.1	10.1	10.0
Year	1977	1977	1983	1983	1986	1975	1975	1977

Table 2. Daily and weekly weather characteristics of meteorological week 2

Weather Variable	Date: January							Weekly Mean
	8	9	10	11	12	13	14	
	Julian Day							
	8	9	10	11	12	13	14	
Maximum Temperature (°C)								
Mean	25.2	25.4	25.4	25.3	25.2	25.1	25.1	25.2
Lowest Value	16.0	18.0	20.1	19.3	20.8	19.5	21.0	20.2
Year	1989	1989	1975	1983	1992	1977	2010	1989
Highest Value	30.5	31.0	30.8	30.8	31.4	32.9	31.0	28.2
Year	1994	1977	1980	1980	2000	1990	1990	1979
Minimum Temperature (°C)								
Mean	7.7	7.6	7.3	7.2	7.3	7.5	8.0	7.5
Lowest Value	3.6	3.1	3.1	2.6	-1.5	0.7	0.9	3.3
Year	2001	2001	1989	1972	1992	1991	1974	1974
Highest Value	15.7	16.0	13.6	14.5	13.3	15.6	15.6	12.3
Year	2008	1982	1982	1994	1984	1979	2002	1988
Rainfall (mm)								
Mean	0.1	0.2	0.3	0.0	0.0	0.0	0.1	0.7
Highest Value	3.5	8.4	11.4	0.0	1.8	0.0	2.8	11.8
Year	1989	1987	1982		1994		1979	1982
Evaporation (mm)								
Mean	3.9	3.6	3.8	3.7	3.8	3.8	4.1	3.8
Lowest Value	2.1	1.4	2.0	1.6	1.5	1.8	2.1	2.3
Year	1994	1993	1982	2006	1994	2000	1987	1994
Highest Value	7.0	6.5	6.4	6.1	6.0	10.4	7.3	5.5
Year	1992	2008	1983	1993	2003	1988	1977	1988
RH-I (%)								
Mean	67	71	71	69	69	68	66	69
Lowest Value	33	45	45	43	44	46	37	52
Year	2006	1997	1973	1996	1983	2007	2008	2006
Highest Value	97	94	97	97	91	100	100	87
Year	1989	1989	1989	1982	1994	1994	1994	1998
RH-II (%)								
Mean	31	33	32	32	31	29	30	31
Lowest Value	10	17	12	11	11	8	6	17
Year	1978	1988	2003	1977	2007	2003	1974	1983
Highest Value	75	96	65	72	80	70	74	68
Year	1995	1982	1982	1982	1999	1999	1994	1999
Wind speed (kmph)								
Mean	6.0	5.3	5.3	5.7	5.3	5.1	5.5	5.5
Lowest Value	2.7	0.8	2.2	1.3	2.0	1.1	2.2	3.2
Year	1998	1999	2007	2002	2004	1974	2006	1998
Highest Value	9.8	11.9	12.5	11.2	13.2	9.8	9.8	8.9
Year	1996	1987	1982	2003	1988	1988	1982	1982
Sunshine hours (h)								
Mean	8.5	8.6	8.7	8.8	8.9	8.9	9.1	8.8
Lowest Value	2.2	3.2	2.2	1.9	2.6	2.0	3.4	5.8
Year	1989	1995	1993	1994	1994	1994	1992	1994
Highest Value	10.1	10.2	10.2	10.0	10.1	10.2	10.2	9.9
Year	1980	1981	1981	1990	1989	1989	2007	1981

Table 3. Daily and weekly weather characteristics of meteorological week 3

Weather Variable	Date: January							Weekly Mean
	15	16	17	18	19	20	21	
	Julian Day							
	15	16	17	18	19	20	21	
Maximum Temperature (°C)								
Mean	25.5	25.3	25.3	25.3	26.0	25.6	25.7	25.5
Lowest Value	19.0	19.8	18.0	19.2	17.9	20.3	20.9	20.9
Year	1995	1974	1995	1996	1996	2005	2008	1995
Highest Value	30.4	32.5	31.7	32.0	32.0	31.0	30.8	30.0
Year	2004	2006	2006	1990	1990	1990	1999	1990
Minimum Temperature (°C)								
Mean	8.2	7.7	7.2	7.4	7.1	7.1	7.7	7.5
Lowest Value	0.9	0.9	1.0	0.5	1.0	0.7	1.1	4.1
Year	1974	1974	1998	1991	2008	2008	1997	2000
Highest Value	15.7	17.3	14.5	14.7	14.6	12.4	14.4	12.9
Year	1976	2009	1981	2006	2006	1973	1988	2009
Rainfall (mm)								
Mean	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.5
Highest Value	4.5	1.8	3.0	0.0	0.0	2.8	3.0	4.5
Year	1996	1987	1981			1973	1971	1996
Evaporation (mm)								
Mean	4.2	4.0	4.2	4.1	4.2	3.8	4.1	4.1
Lowest Value	1.2	2.2	1.8	1.3	2.5	2.3	2.0	2.6
Year	1994	2002	2002	1987	1989	1973	2007	2002
Highest Value	8.1	6.3	6.3	9.0	6.5	6.3	7.6	5.8
Year	1978	1993	1973	1977	1987	1977	1982	1977
RH-I (%)								
Mean	66	68	69	66	64	66	66	67
Lowest Value	18	24	45	37	45	15	37	47
Year	1999	1999	1992	2001	1988	1978	1988	1999
Highest Value	100	98	100	91	86	92	92	86
Year	1994	1993	1993	1979	1979	1971	1994	1979
RH-II (%)								
Mean	31	31	27	26	29	26	28	28
Lowest Value	6	11	11	11	11	9	13	14
Year	2000	1990	1990	1985	1995	1983	1978	1990
Highest Value	59	72	57	71	96	47	70	47
Year	1999	1995	2009	2006	1973	1997	2000	1973
Wind speed (kmph)								
Mean	5.4	5.4	5.7	6.0	5.4	5.1	5.4	5.5
Lowest Value	1.1	1.3	2.8	2.5	1.4	2.1	2.5	2.2
Year	2007	2007	2008	2007	1983	1994	2007	2007
Highest Value	12.5	10.3	10.7	10.0	12.2	15.0	9.2	9.1
Year	1981	1981	2000	2000	1987	1986	1982	1987
Sunshine hours (h)								
Mean	8.2	8.4	8.9	9.1	9.2	9.1	8.7	8.8
Lowest Value	0.0	0.3	2.8	3.7	5.5	3.2	0.4	6.8
Year	1995	2002	2004	2008	1997	1973	2004	2009
Highest Value	10.2	10.1	10.1	10.2	10.4	10.2	10.3	10.1
Year	1981	1990	2001	2000	1975	2001	1991	1990

Table 4. Daily and weekly weather characteristics of meteorological week 4

Weather Variable	Date: January							Weekly Mean
	22	23	24	25	26	27	28	
	Julian Day							
	22	23	24	25	26	27	28	
Maximum Temperature (°C)								
Mean	25.4	25.9	25.7	26.4	26.9	26.6	26.2	26.2
Lowest Value	19.3	19.9	20.5	18.3	19.3	19.1	18.5	20.2
Year	1973	2008	2005	2005	2005	2008	1977	2005
Highest Value	32.5	32.5	31.5	33.0	33.1	32.8	34.8	31.8
Year	1990	1990	1990	1990	1990	2003	1991	1990
Minimum Temperature (°C)								
Mean	7.7	7.5	7.7	9.0	8.6	8.2	8.5	8.1
Lowest Value	0.8	1.7	2.1	4.1	2.8	2.4	0.4	3.8
Year	2002	2008	2008	1973	2008	2008	1977	2008
Highest Value	12.8	16.5	16.3	15.5	16.5	14.0	15.0	11.6
Year	1986	1977	1977	2009	1994	1983	1992	1990
Rainfall (mm)								
Mean	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Highest Value	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.6
Year				1982				1982
Evaporation (mm)								
Mean	4.4	4.1	4.5	4.7	4.4	4.5	4.5	4.4
Lowest Value	2.6	1.9	1.9	2.2	0.9	2.0	2.1	2.7
Year	2007	2004	1977	2005	2005	2005	1976	2004
Highest Value	9.2	5.9	8.0	7.4	7.8	9.8	11.3	6.8
Year	1994	1982	2009	1978	1978	1990	1988	1990
RH-I (%)								
Mean	63	65	61	62	61	64	64	63
Lowest Value	27	44	40	34	24	25	34	38
Year	1999	2010	2001	1988	2002	1988	2001	1988
Highest Value	92	97	98	100	97	92	100	86
Year	2004	2004	1977	1977	1977	2000	1977	1976
RH-II (%)								
Mean	25	26	25	28	26	27	27	26
Lowest Value	12	9	11	6	4	4	8	11
Year	2008	2007	2001	1988	1988	1988	1988	1988
Highest Value	52	73	66	65	59	58	81	44
Year	2000	1973	1999	1999	1977	1992	1992	1977
Wind speed (kmph)								
Mean	5.9	5.3	5.5	5.6	5.6	5.5	6.4	5.7
Lowest Value	2.2	1.7	2.5	2.8	1.9	2.3	1.5	3.3
Year	2002	2007	2010	2006	1996	2010	2007	2007
Highest Value	12.4	10.3	12.2	9.0	10.7	9.7	13.0	9.0
Year	1979	1979	1971	1988	1982	1988	2003	1979
Sunshine hours (h)								
Mean	8.9	9.2	9.2	9.1	9.0	9.2	9.0	9.1
Lowest Value	1.0	3.4	0.4	3.6	0.1	5.2	1.9	6.2
Year	2005	2008	1977	1982	2005	2003	2003	2005
Highest Value	10.8	10.3	10.4	10.5	10.4	10.5	10.5	10.3
Year	1998	1998	1990	1989	2004	2004	2004	1989

Table 5. Daily and weekly weather characteristics of meteorological week 5

Weather Variable	Date: January-February							Weekly Mean
	29	30	31	1	2	3	4	
	Julian Day							
	29	30	31	32	33	34	35	
Maximum Temperature (°C)								
Mean	26.5	26.3	26.5	26.3	26.0	26.5	26.8	26.4
Lowest Value	17.3	18.3	17.5	18.0	21.0	21.8	18.3	22.5
Year	1977	2005	1992	1992	1992	2003	2008	2008
Highest Value	33.5	31.8	32.3	32.3	32.9	34.1	33.4	32.2
Year	1991	2001	2006	2006	2006	2006	1996	2006
Minimum Temperature (°C)								
Mean	8.4	8.2	7.7	7.5	7.8	8.4	8.2	8.0
Lowest Value	2.4	2.4	2.2	2.4	2.3	3.7	1.5	4.4
Year	1973	1979	1978	1974	2001	2001	2004	2002
Highest Value	17.6	14.5	18.7	12.7	16.1	14.5	13.5	12.7
Year	1992	1992	2003	1972	2006	1982	1992	1982
Rainfall (mm)								
Mean	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.5
Highest Value	0.0	1.6	11.0	0.0	0.0	0.0	0.0	12.6
Year		1992	1992					1992
Evaporation (mm)								
Mean	4.8	4.4	4.4	4.6	4.6	4.7	4.7	4.6
Lowest Value	3.0	2.0	1.7	1.7	2.2	2.5	2.4	3.0
Year	2004	1987	1976	1976	1992	1997	1976	2008
Highest Value	9.4	9.2	7.1	8.4	7.2	8.2	7.7	6.9
Year	1988	1982	1989	1988	1971	1994	1971	1988
RH-I (%)								
Mean	60	61	63	64	63	61	60	62
Lowest Value	23	32	26	36	32	32	33	42
Year	2003	1999	1984	1974	2010	1990	2006	1988
Highest Value	94	100	100	100	100	97	97	97
Year	1979	1992	1992	1992	1992	1992	1976	1992
RH-II (%)								
Mean	27	28	27	26	25	24	25	26
Lowest Value	9	2	7	9	9	3	7	8
Year	1996	1996	1996	1994	2001	1996	1988	1996
Highest Value	74	100	94	75	72	68	83	80
Year	1992	1992	1992	1992	1992	1992	2003	1992
Wind speed (kmph)								
Mean	5.9	5.9	5.4	5.5	5.5	6.3	5.6	5.7
Lowest Value	0.8	2.5	2.4	2.2	2.3	2.5	2.0	2.9
Year	1999	2006	2006	2006	2007	2009	2009	2007
Highest Value	12.4	13.9	12.0	10.2	10.0	12.2	10.1	10.6
Year	1979	1982	1982	1982	1973	2003	2003	1982
Sunshine hours (h)								
Mean	8.8	9.0	8.6	9.1	9.4	9.0	9.3	9.0
Lowest Value	0.0	0.0	0.0	0.4	1.7	1.5	0.7	4.3
Year	1992	1992	1992	2003	1998	2008	1986	1992
Highest Value	10.3	10.5	10.5	10.6	10.6	10.5	10.8	10.3
Year	1989	1977	1996	1996	1979	1989	1975	1989

Table 6. Daily and weekly weather characteristics of meteorological week 6

Weather Variable	Date: February							Weekly Mean
	5	6	7	8	9	10	11	
	Julian Day							
	36	37	38	39	40	41	42	
Maximum Temperature (°C)								
Mean	26.8	26.7	27.5	27.7	27.5	27.4	27.8	27.3
Lowest Value	18.3	19.8	19.8	17.9	18.8	19.8	20.4	19.5
Year	2008	1974	1974	2008	1974	2008	1986	2008
Highest Value	32.3	33.5	34.9	34.8	32.8	33.8	35.5	32.5
Year	2009	2006	1990	1990	1993	1991	1993	2006
Minimum Temperature (°C)								
Mean	8.6	8.7	9.1	9.4	9.0	9.5	9.2	9.1
Lowest Value	2.5	-0.3	-2.9	0.3	0.9	2.0	1.0	1.1
Year	2008	1974	1974	2008	1974	2008	2008	1974
Highest Value	16.7	15.6	17.1	21.1	17.8	19.0	17.1	15.3
Year	1989	2007	1990	2010	2007	2005	1982	2005
Rainfall (mm)								
Mean	0.0	0.0	0.1	0.0	0.0	0.5	0.1	0.8
Highest Value	1.1	0.0	5.6	0.0	0.0	8.3	5.0	13.3
Year	1972		1992			2007	2007	2007
Evaporation (mm)								
Mean	4.7	4.8	5.2	4.8	5.1	5.3	5.3	5.0
Lowest Value	2.0	2.6	2.2	2.7	3.0	1.7	1.9	2.8
Year	2008	1984	2008	2008	2010	2007	1986	2008
Highest Value	7.2	7.3	12.3	9.7	8.0	8.5	9.8	7.8
Year	1978	1987	1977	1973	2003	1971	1971	1977
RH-I (%)								
Mean	61	61	58	58	61	61	60	60
Lowest Value	26	27	28	30	25	30	21	35
Year	1988	1988	1999	2004	1974	1978	1974	1988
Highest Value	96	98	100	100	100	98	96	96
Year	1992	1974	1992	1992	1992	2007	2007	1992
RH-II (%)								
Mean	25	26	25	25	24	27	26	25
Lowest Value	5	2	9	10	6	5	5	12
Year	1974	1996	1996	1984	1993	1993	1993	1993
Highest Value	65	72	85	75	69	74	67	69
Year	1992	1992	1992	1992	1992	1986	1974	1992
Wind speed (kmph)								
Mean	5.9	5.3	5.4	5.7	6.0	6.5	6.1	5.8
Lowest Value	2.3	2.4	2.7	2.7	2.9	2.9	2.7	3.1
Year	2004	1978	1996	1993	2006	1993	1993	1993
Highest Value	11.3	9.4	9.5	16.6	11.4	13.4	12.7	9.0
Year	1982	1982	1981	1973	1978	1986	2002	1973
Sunshine hours (h)								
Mean	9.2	9.5	9.4	9.0	8.6	9.1	9.0	9.1
Lowest Value	6.3	5.8	5.3	1.2	0.3	1.2	3.6	6.1
Year	1979	1981	1992	1990	2010	1990	1978	1990
Highest Value	10.6	10.7	10.6	10.5	10.8	10.7	10.7	10.6
Year	1977	1977	1981	2004	1977	1977	1977	1977

Table 7. Daily and weekly weather characteristics of meteorological week 7

Weather Variable	Date: February							Weekly Mean
	12	13	14	15	16	17	18	
	Julian Day							
	43	44	45	46	47	48	49	
Maximum Temperature (°C)								
Mean	27.7	28.0	28.3	28.4	28.3	28.5	28.9	28.3
Lowest Value	20.8	21.6	20.1	21.3	20.4	22.5	20.4	23.0
Year	2002	1972	1972	1971	1979	1975	1978	1972
Highest Value	35.0	35.0	36.5	35.5	35.5	35.5	34.3	34.9
Year	1993	1993	1993	1993	1993	1993	2004	1993
Minimum Temperature (°C)								
Mean	9.9	10.5	10.5	10.3	10.0	10.9	10.5	10.4
Lowest Value	1.4	2.5	2.6	4.7	3.3	2.7	2.5	4.3
Year	1974	2008	1972	1975	1991	1991	1991	1991
Highest Value	18.0	19.1	15.6	17.9	18.9	19.1	18.3	15.7
Year	1990	1975	2006	2005	2006	2003	1977	2006
Rainfall (mm)								
Mean	0.0	0.0	0.0	0.3	0.4	0.3	0.6	1.5
Highest Value	0.0	1.5	0.2	11.8	12.0	9.4	22.0	22.0
Year		1990	1990	1979	1976	1978	2003	2003
Evaporation (mm)								
Mean	5.2	5.0	5.1	5.4	5.7	5.6	5.5	5.4
Lowest Value	2.0	2.1	1.3	1.1	2.0	2.2	2.0	2.9
Year	2002	1990	1990	1990	1978	1979	2003	1978
Highest Value	12.7	8.5	8.8	9.6	10.7	11.9	11.2	9.6
Year	1977	1977	1975	1977	1977	1977	1990	1977
RH-I (%)								
Mean	61	60	60	61	59	55	57	59
Lowest Value	25	25	18	29	29	25	24	27
Year	2008	1985	1985	1985	1985	1975	1995	1985
Highest Value	88	98	100	88	100	100	94	86
Year	1992	1990	1990	1986	1979	1979	2003	1992
RH-II (%)								
Mean	24	24	25	27	27	24	24	25
Lowest Value	6	4	2	4	7	5	3	6
Year	2008	2008	1975	2008	1993	1975	1993	2008
Highest Value	74	79	66	86	96	69	66	63
Year	1992	1990	2000	1979	1976	1974	2003	1974
Wind speed (kmph)								
Mean	6.0	6.1	6.0	6.5	6.6	6.2	6.8	6.3
Lowest Value	2.7	3.0	1.6	2.3	3.3	2.1	2.8	3.7
Year	2001	2009	1998	2008	2008	2008	2008	2008
Highest Value	14.6	15.1	13.7	11.9	12.3	12.4	20.1	10.0
Year	1972	1975	1975	1972	1977	1993	1990	1972
Sunshine hours (h)								
Mean	9.2	9.0	9.1	9.5	9.2	9.4	9.4	9.3
Lowest Value	1.8	0.5	2.6	3.2	2.5	0.6	0.0	6.4
Year	2005	1990	1990	1978	1979	2003	2003	1978
Highest Value	10.8	10.8	10.9	10.9	10.7	10.7	10.7	10.5
Year	1977	1977	1977	1975	2004	1980	1975	1977

Table 8. Daily and weekly weather characteristics of meteorological week 8

Weather Variable	Date: February							Weekly Mean
	19	20	21	22	23	24	25	
	Julian Day							
	50	51	52	53	54	55	56	
Maximum Temperature (°C)								
Mean	28.8	28.9	29.4	29.5	30.4	30.6	30.5	29.7
Lowest Value	19.5	19.7	19.7	19.2	20.8	22.3	23.0	22.5
Year	1990	2005	1984	1984	1984	1984	1984	1984
Highest Value	34.3	36.3	35.0	37.0	36.7	36.3	37.3	36.1
Year	2006	2006	1988	2006	2006	2006	2006	2006
Minimum Temperature (°C)								
Mean	11.1	10.4	11.4	11.4	12.4	12.2	12.7	11.6
Lowest Value	4.5	0.1	0.5	1.5	4.0	1.5	5.6	4.8
Year	1989	2005	1984	1984	1995	1984	1972	1984
Highest Value	19.0	18.8	19.8	20.5	18.0	19.2	19.9	16.5
Year	1988	1988	1977	1977	1991	1983	2001	1977
Rainfall (mm)								
Mean	0.1	0.1	0.0	0.0	0.0	0.4	0.2	0.8
Highest Value	3.0	2.4	0.0	0.0	0.0	14.4	7.2	14.4
Year	1979	1999				1990	1993	1990
Evaporation (mm)								
Mean	5.5	5.9	5.9	5.8	6.2	6.3	6.5	6.0
Lowest Value	0.0	2.0	3.2	3.4	3.0	3.4	3.7	3.4
Year	2003	2003	2003	1978	1983	1978	1984	2003
Highest Value	10.8	11.0	9.9	9.2	13.3	11.0	12.1	8.8
Year	1993	1988	1988	1977	1977	1988	1982	1977
RH-I (%)								
Mean	54	55	53	54	54	53	57	54
Lowest Value	23	26	26	33	22	27	22	39
Year	1971	2008	1993	1981	1985	2006	1982	1971
Highest Value	91	95	90	83	83	90	90	78
Year	1979	1976	1976	1984	1977	1990	1993	1976
RH-II (%)								
Mean	24	21	21	19	21	25	22	22
Lowest Value	6	2	6	4	3	7	6	9
Year	2005	1985	2008	1993	1985	1982	1985	1975
Highest Value	92	61	62	42	46	71	79	37
Year	1999	1974	1995	1973	1977	1977	1998	1999
Wind speed (kmph)								
Mean	6.4	6.4	6.6	6.0	6.6	6.6	7.2	6.5
Lowest Value	2.6	2.5	2.1	1.6	3.1	3.0	3.0	3.9
Year	2002	2008	2006	1998	1998	1993	2010	2006
Highest Value	15.3	15.7	16.5	15.2	13.4	13.1	13.3	10.5
Year	2003	1984	1994	1982	1977	1983	1982	1982
Sunshine hours (h)								
Mean	9.4	9.3	9.7	9.7	9.3	9.4	9.3	9.4
Lowest Value	1.6	4.7	6.2	7.0	3.5	0.0	3.2	7.6
Year	1990	1973	1984	2002	1977	1998	1982	1998
Highest Value	11.0	10.8	10.7	10.9	10.9	10.9	10.9	10.4
Year	1978	1978	1990	1981	1994	1995	1986	1989

Table 9. Daily and weekly weather characteristics of meteorological week 9

Weather Variable	Date: February-March								Weekly Mean
	26	27	28	29	1	2	3	4	
	Julian Day								
	57	58	59	60	61	62	63	64	
Maximum Temperature (°C)									
Mean	30.4	30.7	31.3	31.2	31.2	31.5	31.7	32.4	31.3
Lowest Value	21.0	23.3	25.3	25.8	25.0	21.5	24.4	23.8	26.4
Year	1998	1972	1972	1976	1990	1995	1982	2003	1998
Highest Value	36.5	36.2	36.9	34.8	36.7	38.6	39.5	38.5	37.0
Year	2006	2004	2009	2004	2010	2009	2009	2009	2009
Minimum Temperature (°C)									
Mean	12.7	12.7	12.9	12.6	13.3	13.6	13.8	14.8	13.4
Lowest Value	2.6	3.6	4.6	5.6	6.8	8.0	8.0	9.9	7.6
Year	1972	1972	1972	1972	1972	1990	1990	2003	1972
Highest Value	21.3	21.0	19.6	16.5	20.6	22.6	20.7	20.5	18.4
Year	1978	1988	2003	1992	2003	2003	2010	2009	2003
Rainfall (mm)									
Mean	0.0	0.1	0.5	0.0	0.2	0.1	0.0	0.0	0.8
Highest Value	0.0	1.3	15.6	0.2	7.3	2.8	0.0	0.0	16.1
Year		1973	1990	1980	2007	1982			1990
Evaporation (mm)									
Mean	6.5	6.3	6.8	7.3	6.9	7.0	6.5	7.0	6.7
Lowest Value	2.1	3.0	2.8	5.8	4.0	3.6	3.0	3.0	4.9
Year	1994	1998	1982	2000	1994	1982	2005	2005	1978
Highest Value	12.7	10.1	11.9	9.7	12.0	15.4	10.8	12.0	10.7
Year	1976	1989	1988	1992	1977	1977	1977	2009	1977
RH-I (%)									
Mean	54	55	53	48	53	51	48	48	51
Lowest Value	21	22	25	18	25	26	21	22	28
Year	1988	1985	1984	1984	2006	2006	1977	1995	1984
Highest Value	94	93	91	80	96	88	82	78	79
Year	1993	1993	1990	1992	2007	1982	1978	1980	1990
RH-II (%)									
Mean	21	22	24	20	23	21	21	21	22
Lowest Value	3	5	8	6	3	5	5	4	7
Year	1985	2008	2008	2008	2004	2004	2004	2004	2004
Highest Value	38	68	60	50	56	44	65	58	42
Year	1993	1982	1982	1972	1982	2002	2002	1998	1982
Wind speed (kmph)									
Mean	6.3	6.5	6.7	6.5	7.0	6.9	6.2	6.4	6.6
Lowest Value	2.5	2.2	0.6	2.6	2.7	3.5	3.3	1.4	2.8
Year	2000	1977	1977	2004	2008	1977	1992	1977	1977
Highest Value	14.4	22.5	16.0	11.0	11.7	15.2	12.4	12.2	10.6
Year	1973	1973	1988	1976	1982	1983	1979	1980	1973
Sunshine hours (h)									
Mean	9.2	9.3	9.3	10.0	9.3	9.6	9.0	9.2	9.3
Lowest Value	1.4	1.6	0.1	8.4	3.7	7.5	3.9	1.9	5.8
Year	1995	1978	1982	1980	1998	1996	1980	1998	1982
Highest Value	11.0	10.9	11.0	11.0	10.9	11.0	11.3	11.4	10.5
Year	1977	1986	1987	1976	1976	1976	1990	1990	1976

Table 10. Daily and weekly weather characteristics of meteorological week 10

Weather Variable	Date: March							Weekly Mean
	5	6	7	8	9	10	11	
	Julian Day							
	65	66	67	68	69	70	71	
Maximum Temperature (°C)								
Mean	32.3	32.1	32.1	32.4	32.8	33.2	33.3	32.6
Lowest Value	24.3	22.0	24.3	21.8	20.8	22.0	24.2	26.1
Year	2003	1998	1982	1979	1979	1979	2006	1979
Highest Value	37.8	37.8	37.5	36.8	38.5	38.6	39.7	36.9
Year	1985	1985	1985	2004	2004	1986	1996	2004
Minimum Temperature (°C)								
Mean	14.5	13.7	13.0	13.9	14.2	15.0	15.5	14.3
Lowest Value	8.1	9.0	6.5	5.5	3.6	5.7	10.0	9.5
Year	1971	1991	1979	1979	1979	2006	1995	1979
Highest Value	20.5	19.9	19.4	21.8	21.1	21.5	24.4	19.3
Year	1980	2010	1999	1988	1973	1986	1988	1988
Rainfall (mm)								
Mean	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.4
Highest Value	4.5	0.0	0.0	0.0	0.0	10.2	0.5	10.2
Year	1998					2006	1987	2006
Evaporation (mm)								
Mean	7.2	7.4	7.1	7.3	7.1	7.4	7.7	7.3
Lowest Value	3.0	2.9	2.2	2.1	4.7	3.4	3.3	3.6
Year	2005	1998	1998	1998	1990	1998	1998	1998
Highest Value	13.4	18.5	11.5	13.6	14.0	14.5	13.7	11.3
Year	1975	1977	1988	1989	1973	1973	1986	1977
RH-I (%)								
Mean	50	50	50	46	47	49	47	48
Lowest Value	22	26	23	24	28	22	16	30
Year	1975	2004	1979	2001	1994	2004	2004	2001
Highest Value	91	89	84	86	77	98	85	69
Year	1982	1998	1998	1972	2000	1976	2006	1998
RH-II (%)								
Mean	20	20	19	20	21	23	20	20
Lowest Value	7	6	8	6	5	3	4	9
Year	2003	1980	1989	1985	1994	2004	1985	1985
Highest Value	50	55	43	48	54	80	42	36
Year	2000	1993	1971	1993	2006	2006	2002	2002
Wind speed (kmph)								
Mean	6.8	6.4	6.2	6.0	6.0	6.4	7.4	6.5
Lowest Value	0.9	0.7	0.4	0.3	2.1	0.8	0.8	0.9
Year	1977	1977	1977	1977	1977	1977	1977	1977
Highest Value	16.2	17.9	14.1	12.9	15.6	17.8	17.5	11.7
Year	2000	1980	1979	1982	1973	1973	1973	1973
Sunshine hours (h)								
Mean	9.1	9.0	9.0	9.6	9.1	9.0	8.8	9.1
Lowest Value	1.1	4.9	3.4	6.4	4.2	0.7	2.3	6.8
Year	1982	1978	2010	1988	1988	2006	2008	2006
Highest Value	10.7	10.5	10.9	10.9	10.8	10.7	10.8	10.5
Year	1999	2004	1990	1977	1995	1995	1977	1990

Table 11. Daily and weekly weather characteristics of meteorological week 11

Weather Variable	Date: March							Weekly Mean
	12	13	14	15	16	17	18	
	Julian Day							
	72	73	74	75	76	77	78	
Maximum Temperature (°C)								
Mean	32.9	33.0	33.6	34.1	34.8	35.2	35.3	34.1
Lowest Value	22.5	26.2	26.8	28.3	29.6	29.7	28.2	28.6
Year	1998	1973	1973	2007	1992	1997	1998	1998
Highest Value	40.0	39.6	39.3	39.6	40.6	42.0	41.6	40.1
Year	1996	2004	2004	2010	2004	2004	2004	2004
Minimum Temperature (°C)								
Mean	14.8	15.4	15.8	16.0	16.7	17.0	17.1	16.1
Lowest Value	7.1	7.4	9.9	9.2	9.6	10.7	10.7	9.6
Year	1973	1973	1975	1975	1975	1973	1973	1973
Highest Value	22.3	21.2	20.6	21.5	22.5	21.6	24.0	20.1
Year	1988	1988	1986	1994	1994	1983	1983	1994
Rainfall (mm)								
Mean	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.4
Highest Value	1.4	12.0	2.0	1.0	0.0	0.0	0.0	13.4
Year	2007	2007	1998	1997				2007
Evaporation (mm)								
Mean	7.4	7.3	8.1	8.1	8.0	7.9	8.7	7.9
Lowest Value	2.3	4.2	3.0	4.0	4.0	3.2	4.1	5.0
Year	1998	1983	1998	2003	1998	1998	2006	1998
Highest Value	13.5	11.8	15.9	15.5	12.5	12.0	12.4	10.8
Year	1988	1984	1986	1977	1988	1983	1973	1988
RH-I (%)								
Mean	47	46	44	45	43	43	47	45
Lowest Value	21	21	18	23	17	18	22	25
Year	1995	2004	2004	2000	1985	1998	1975	2004
Highest Value	79	94	84	81	70	78	81	72
Year	2007	2007	2007	1993	1976	1999	1998	1976
RH-II (%)								
Mean	20	18	18	17	17	18	19	18
Lowest Value	5	5	6	7	3	3	2	5
Year	2004	1977	1985	1985	2004	2004	1985	1985
Highest Value	41	39	40	38	41	35	53	31
Year	1988	2007	2002	2002	1997	2009	1999	2002
Wind speed (kmph)								
Mean	7.4	6.8	6.8	6.9	6.6	6.5	7.1	6.9
Lowest Value	0.3	0.1	0.5	0.6	1.0	3.3	2.7	1.5
Year	1977	1977	1977	1977	1977	1975	2007	1977
Highest Value	16.5	14.2	12.8	13.1	13.8	14.0	17.7	11.3
Year	1988	1972	1993	1986	1988	1978	1979	1988
Sunshine hours (h)								
Mean	8.4	8.9	9.0	8.8	8.9	9.0	9.0	8.9
Lowest Value	1.9	1.1	2.8	1.0	0.0	1.0	1.7	5.2
Year	2008	2002	1997	1981	1981	1996	1986	1981
Highest Value	11.0	10.9	10.9	10.8	11.1	10.9	10.7	10.5
Year	1995	2005	2005	1975	1975	1995	1977	2005

Table 12. Daily and weekly weather characteristics of meteorological week 12

Weather Variable	Date: March							Weekly Mean
	19	20	21	22	23	24	25	
	Julian Day							
	79	80	81	82	83	84	85	
Maximum Temperature (°C)								
Mean	35.3	35.3	35.4	35.3	35.7	35.5	35.9	35.5
Lowest Value	28.8	29.1	26.8	29.2	29.5	29.2	30.4	30.9
Year	1978	1986	1983	1983	1997	1990	1975	1997
Highest Value	40.9	41.6	41.8	41.9	42.3	40.0	39.8	40.8
Year	2004	2004	2004	2010	2004	1985	1985	2004
Minimum Temperature (°C)								
Mean	17.0	17.4	17.7	17.9	17.7	17.5	18.1	17.6
Lowest Value	11.2	11.5	9.5	10.4	10.5	9.6	11.0	13.4
Year	1978	1986	1983	1999	1999	1990	1990	1999
Highest Value	22.0	23.0	23.0	22.7	23.8	24.0	24.6	21.5
Year	1994	2009	2002	1998	1992	1993	2010	2010
Rainfall (mm)								
Mean	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Highest Value	0.0	0.0	1.1	0.0	0.0	3.7	0.0	3.7
Year			1981			1982		1982
Evaporation (mm)								
Mean	8.7	8.9	8.8	9.3	9.4	9.1	9.2	9.1
Lowest Value	4.9	4.6	5.5	4.6	2.5	5.1	2.3	4.8
Year	1978	1998	1993	1998	1998	1983	1998	1998
Highest Value	14.1	15.2	14.4	17.4	18.5	19.9	14.0	13.4
Year	1977	1987	1977	1990	1990	1993	1993	1977
RH-I (%)								
Mean	42	41	40	42	41	41	43	41
Lowest Value	18	19	15	13	16	14	14	28
Year	1975	1975	2004	1983	1983	1983	1990	1983
Highest Value	75	85	85	77	70	74	73	63
Year	1976	1976	1976	1997	1981	1982	1989	1997
RH-II (%)								
Mean	19	19	19	19	18	18	18	19
Lowest Value	5	5	5	6	4	3	3	5
Year	1985	1985	1985	1988	1990	1990	1990	1985
Highest Value	43	49	44	54	52	38	38	39
Year	1997	2002	2002	1997	1997	1997	2002	1997
Wind speed (kmph)								
Mean	7.2	7.0	7.1	7.5	7.5	7.4	7.3	7.3
Lowest Value	2.7	2.8	3.1	3.5	2.5	3.4	3.1	4.8
Year	1971	2000	1977	1999	1999	2009	1983	1995
Highest Value	13.2	21.9	12.6	19.9	18.7	21.2	14.8	11.2
Year	1983	1983	1997	1990	1990	1993	1993	1990
Sunshine hours (h)								
Mean	9.0	8.8	9.2	8.9	8.8	9.0	8.8	8.9
Lowest Value	0.7	4.4	6.5	2.2	3.4	1.4	4.0	5.9
Year	1997	1971	2002	1986	1992	1992	1983	1992
Highest Value	10.9	11.0	10.8	11.2	11.1	10.9	10.9	10.8
Year	1990	1977	2000	1999	1999	1999	2000	1999

Table 13. Daily and weekly weather characteristics of meteorological week 13

Weather Variable	Date: March-April							Weekly Mean
	26	27	28	29	30	31	1	
	Julian Day							
	86	87	88	89	90	91	92	
Maximum Temperature (°C)								
Mean	35.5	35.6	36.4	37.3	36.8	37.0	37.4	36.6
Lowest Value	28.0	28.0	30.0	29.8	30.3	31.3	31.5	31.5
Year	1975	1992	1988	1983	1983	1983	1976	1983
Highest Value	41.3	40.1	41.0	45.0	43.0	42.3	42.0	40.6
Year	1972	1973	1996	1991	1991	1984	1991	1991
Minimum Temperature (°C)								
Mean	18.1	18.0	18.7	19.0	18.8	19.1	19.9	18.8
Lowest Value	9.5	10.0	11.6	11.5	14.0	11.9	12.0	12.6
Year	1993	1993	1983	1983	1993	1996	1993	1993
Highest Value	23.3	23.2	25.1	23.4	24.5	26.1	25.7	22.9
Year	2010	1974	2001	1974	1991	2010	2010	2010
Rainfall (mm)								
Mean	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Highest Value	0.0	3.4	0.0	0.0	0.0	0.0	0.0	3.4
Year		1990						1990
Evaporation (mm)								
Mean	9.4	9.0	8.6	9.4	9.3	9.4	9.9	9.3
Lowest Value	3.7	1.8	1.9	5.5	4.0	4.6	4.9	5.5
Year	1998	1998	1998	1978	1998	1986	1997	1998
Highest Value	18.7	17.1	15.9	13.8	16.5	15.1	14.1	13.5
Year	1988	1982	1986	1974	1981	1981	1987	1982
RH-I (%)								
Mean	39	41	39	40	38	38	37	39
Lowest Value	15	10	13	14	11	9	8	19
Year	2000	1998	1995	1988	1996	1996	1998	1998
Highest Value	73	78	71	68	66	90	75	65
Year	1992	1999	1997	2009	2003	1997	1997	1997
RH-II (%)								
Mean	19	18	17	17	16	16	16	17
Lowest Value	5	4	7	6	5	2	3	8
Year	1985	2006	1988	1985	2006	1996	1996	1985
Highest Value	51	38	39	36	35	31	36	34
Year	1992	1989	1997	2003	2003	2009	1997	1997
Wind speed (kmph)								
Mean	7.3	6.9	6.1	7.2	7.2	7.6	7.5	7.1
Lowest Value	3.0	3.1	2.9	3.3	2.2	2.8	3.8	4.0
Year	1999	2007	2007	2007	1984	2006	2001	2004
Highest Value	19.5	15.5	10.7	16.4	15.5	18.5	12.9	10.9
Year	1988	1988	2001	1996	1981	1981	1976	1981
Sunshine hours (h)								
Mean	9.1	8.5	9.3	9.3	9.2	9.2	9.2	9.1
Lowest Value	4.3	0.5	3.4	1.0	5.8	5.5	1.5	5.9
Year	1992	1980	1976	1997	1976	1991	1997	1997
Highest Value	11.0	10.8	11.0	10.6	10.9	11.0	11.1	10.6
Year	1976	2000	1995	1976	2000	1989	1999	2000

Table 14. Daily and weekly weather characteristics of meteorological week 14

Weather Variable	Date: April							Weekly Mean
	2	3	4	5	6	7	8	
	Julian Day							
	93	94	95	96	97	98	99	
Maximum Temperature (°C)								
Mean	37.5	37.6	37.7	37.9	37.8	38.2	38.5	37.9
Lowest Value	32.2	31.6	30.3	31.2	30.5	32.6	33.4	33.5
Year	1997	1997	1997	2008	2008	2008	1991	1997
Highest Value	41.3	42.8	44.3	43.3	44.2	42.8	43.8	42.6
Year	1984	1998	1998	1998	1998	1999	1999	1998
Minimum Temperature (°C)								
Mean	19.9	19.5	19.8	19.9	20.8	20.5	20.6	20.1
Lowest Value	12.6	13.0	13.6	14.6	15.0	14.0	11.1	14.6
Year	1996	1989	1989	1989	1989	1982	1982	1989
Highest Value	26.5	25.1	26.8	25.0	26.5	24.7	27.0	25.0
Year	2010	2010	1998	1977	2007	2007	1987	1998
Rainfall (mm)								
Mean	0.1	0.2	0.0	0.3	0.0	0.0	0.5	1.0
Highest Value	2.0	4.0	1.0	10.9	0.0	0.0	11.2	11.2
Year	1978	1985	1978	2008			1991	1991
Evaporation (mm)								
Mean	10.1	10.4	10.1	10.3	10.2	10.3	10.8	10.3
Lowest Value	6.5	6.2	4.8	3.1	5.4	6.2	6.5	6.6
Year	2000	1997	1978	2008	1985	2008	1978	1978
Highest Value	14.8	18.0	15.5	19.9	15.5	20.0	14.5	14.3
Year	1973	2010	1982	1977	1973	2005	1986	1977
RH-I (%)								
Mean	38	42	38	39	41	38	40	39
Lowest Value	15	9	16	8	13	12	15	20
Year	1996	1996	1996	1975	1988	1988	1988	1975
Highest Value	89	98	68	74	73	77	89	57
Year	1978	1985	1978	2008	1997	1980	1991	2008
RH-II (%)								
Mean	17	19	18	18	17	16	17	17
Lowest Value	1	2	3	1	3	3	3	4
Year	1996	1972	1998	1998	1995	1998	1998	1998
Highest Value	58	47	59	45	42	42	49	38
Year	1997	2002	2006	2008	2002	2002	1991	2002
Wind speed (kmph)								
Mean	7.5	8.0	7.6	7.7	8.0	7.4	8.1	7.8
Lowest Value	2.6	3.1	3.2	3.5	4.1	3.6	3.9	4.9
Year	2003	2007	2007	2007	2006	1997	2001	2007
Highest Value	12.5	17.7	20.4	15.4	14.4	14.0	18.2	11.8
Year	1985	1985	1982	1977	1983	2005	1983	1982
Sunshine hours (h)								
Mean	9.2	9.1	9.4	9.4	9.3	9.3	9.5	9.3
Lowest Value	4.8	0.3	4.4	2.9	2.5	6.4	5.0	7.0
Year	1973	1985	1983	2008	2009	1990	1988	1983
Highest Value	11.2	11.2	11.2	11.1	11.2	11.2	11.2	10.9
Year	2005	2005	2005	1999	2000	1989	1999	1999

Table 15. Daily and weekly weather characteristics of meteorological week 15

Weather Variable	Date: April							Weekly Mean
	9	10	11	12	13	14	15	
	Julian Day							
	100	101	102	103	104	105	106	
Maximum Temperature (°C)								
Mean	38.4	38.2	38.3	39.0	39.3	39.6	39.2	38.9
Lowest Value	32.8	33.0	33.2	34.6	36.0	33.6	26.3	34.1
Year	2009	1992	2005	2005	1993	1983	1983	1983
Highest Value	43.7	44.0	42.8	43.3	43.8	45.0	44.5	42.8
Year	1998	1999	1999	1981	1981	1981	1988	1988
Minimum Temperature (°C)								
Mean	20.5	20.2	20.5	20.9	21.7	21.5	21.6	21.0
Lowest Value	10.0	10.9	12.5	14.2	16.2	15.3	14.0	14.0
Year	1982	1982	2005	1982	1982	1999	1999	1982
Highest Value	26.9	26.9	26.7	27.6	26.6	26.2	27.7	25.1
Year	2006	2006	2010	2003	2008	2008	2004	2010
Rainfall (mm)								
Mean	0.1	0.0	0.0	0.0	0.0	0.0	0.9	1.0
Highest Value	3.0	0.0	0.0	0.0	0.0	0.0	36.0	36.0
Year	2002						1983	1983
Evaporation (mm)								
Mean	10.4	10.2	10.5	11.0	11.3	11.8	11.5	11.0
Lowest Value	0.0	6.0	5.5	5.0	6.0	5.8	0.0	6.3
Year	2002	2002	1994	1994	1994	1983	1983	1994
Highest Value	17.6	18.7	16.2	15.8	16.5	23.5	18.2	14.9
Year	1987	1989	1977	1998	1990	1973	1988	1977
RH-I (%)								
Mean	41	38	39	37	35	37	41	38
Lowest Value	11	9	11	15	5	5	16	18
Year	1988	1996	1998	2006	2006	2006	1975	1996
Highest Value	82	72	78	66	81	96	92	79
Year	2002	1991	1983	1983	1983	1983	1983	1983
RH-II (%)								
Mean	17	15	16	15	16	18	17	16
Lowest Value	2	2	3	3	2	4	2	3
Year	1996	1996	2006	1989	2006	2006	1975	1996
Highest Value	45	33	30	45	40	84	71	44
Year	1991	1997	1994	2001	1983	1983	1983	1983
Wind speed (kmph)								
Mean	8.4	7.9	7.0	7.5	7.8	8.7	8.2	7.9
Lowest Value	3.6	2.2	3.6	3.3	3.3	4.0	3.2	5.2
Year	1993	2007	2005	1996	2009	2009	1977	1996
Highest Value	20.1	16.5	14.4	17.1	15.7	17.4	14.4	12.1
Year	1987	2006	1998	1980	1985	1971	1979	1983
Sunshine hours (h)								
Mean	9.1	9.2	9.7	9.7	10.0	10.1	9.8	9.7
Lowest Value	0.0	6.5	5.4	0.9	4.4	3.9	0.0	7.2
Year	1974	1984	1986	2001	2003	1983	1983	1983
Highest Value	10.9	11.3	11.0	11.5	11.6	11.8	11.6	10.7
Year	1989	1998	1999	1989	1978	1998	1974	1998

Table 16. Daily and weekly weather characteristics of meteorological week 16

Weather Variable	Date: April							Weekly Mean
	16	17	18	19	20	21	22	
	Julian Day							
	107	108	109	110	111	112	113	
Maximum Temperature (°C)								
Mean	39.2	39.6	39.5	40.0	40.1	40.0	40.0	39.8
Lowest Value	27.6	29.3	30.6	31.3	31.2	33.2	33.0	31.4
Year	1983	1983	1983	1983	1983	1983	1992	1983
Highest Value	44.7	44.4	45.0	44.6	44.5	45.0	44.0	43.7
Year	2010	2010	1988	1987	1987	1987	1987	1987
Minimum Temperature (°C)								
Mean	21.8	22.1	22.2	22.9	22.9	23.5	23.5	22.7
Lowest Value	15.0	14.4	14.5	14.5	17.8	17.5	19.0	18.1
Year	1997	1997	1991	1991	1991	1979	1979	1983
Highest Value	28.1	27.8	29.1	28.5	30.5	29.6	27.1	27.1
Year	1988	1987	2007	2010	1987	1998	2007	2007
Rainfall (mm)								
Mean	0.0	0.1	0.0	0.2	0.4	0.0	0.0	0.8
Highest Value	0.2	4.0	0.0	7.0	15.8	0.6	1.8	17.6
Year	1993	1982		2001	1994	1984	1994	1994
Evaporation (mm)								
Mean	11.4	11.9	11.7	11.7	11.7	12.4	12.3	11.9
Lowest Value	4.6	6.7	7.0	6.2	4.2	6.7	7.4	7.2
Year	1983	1983	1994	1994	1994	2001	2003	1983
Highest Value	22.5	18.0	22.1	19.6	18.5	21.8	22.3	16.0
Year	1988	2004	1971	1971	1981	1990	1993	1990
RH-I (%)								
Mean	38	39	36	38	40	42	40	39
Lowest Value	9	16	14	16	12	18	17	18
Year	1998	1987	1987	2009	1987	1987	1979	1987
Highest Value	88	90	76	71	72	72	71	72
Year	1983	1983	1983	1983	2001	1984	1994	1983
RH-II (%)								
Mean	17	17	16	18	17	17	17	17
Lowest Value	3	1	5	3	2	1	4	5
Year	1996	1973	1991	1989	1989	1973	1979	1989
Highest Value	60	53	46	54	42	37	40	44
Year	1983	1983	1983	1984	1983	1984	2000	1983
Wind speed (kmph)								
Mean	7.9	8.3	8.0	8.6	8.8	9.1	8.2	8.4
Lowest Value	2.8	4.5	3.2	2.0	3.7	3.4	4.0	4.8
Year	1999	1992	1984	2002	2008	1993	1997	1997
Highest Value	16.7	19.8	20.8	19.9	20.9	21.2	16.0	13.9
Year	1981	1982	1978	2010	2010	1981	1987	2010
Sunshine hours (h)								
Mean	10.1	10.2	10.1	10.1	10.3	9.9	9.6	10.1
Lowest Value	7.0	3.0	5.7	4.0	6.3	3.7	2.9	7.9
Year	1986	1974	1971	1974	2001	1985	2006	1974
Highest Value	11.9	11.8	11.8	12.0	12.0	11.7	11.7	11.5
Year	1977	1991	1991	1991	1991	1976	1989	1991

Table 17. Daily and weekly weather characteristics of meteorological week 17

Weather Variable	Date: April							Weekly Mean
	23	24	25	26	27	28	29	
	Julian Day							
	114	115	116	117	118	119	120	
Maximum Temperature (°C)								
Mean	40.5	40.5	40.9	41.2	41.7	41.8	41.4	41.1
Lowest Value	35.0	36.0	36.3	34.8	34.4	35.8	32.8	36.1
Year	1992	1992	1982	1982	1982	1982	1981	1982
Highest Value	44.0	44.0	44.0	44.5	46.2	45.7	45.2	43.6
Year	1987	1993	1993	1996	1996	1996	1996	1996
Minimum Temperature (°C)								
Mean	23.3	23.4	23.5	24.4	25.0	24.8	25.1	24.2
Lowest Value	18.9	18.0	17.1	14.6	19.2	13.0	19.1	17.8
Year	2006	1992	1982	1982	1982	1982	2005	1982
Highest Value	28.9	28.0	27.9	28.9	29.1	29.0	31.0	27.0
Year	2004	1998	2010	2003	2003	1988	1988	1998
Rainfall (mm)								
Mean	0.1	0.2	0.1	0.0	0.0	0.2	1.4	2.1
Highest Value	1.7	3.5	4.0	1.6	0.5	8.8	57.2	60.0
Year	1996	1990	1988	1982	1989	1982	2005	2005
Evaporation (mm)								
Mean	12.0	12.8	13.2	13.4	13.3	13.9	13.8	13.2
Lowest Value	6.4	8.0	7.9	7.2	8.5	9.3	7.3	8.9
Year	1994	1992	1978	1978	1994	1994	1986	2000
Highest Value	17.4	23.8	21.6	19.9	16.8	22.5	23.5	17.5
Year	1987	1993	1986	1993	2003	1974	1977	1993
RH-I (%)								
Mean	43	40	42	39	39	40	40	41
Lowest Value	9	5	13	16	10	11	5	14
Year	1998	1998	1981	1981	1998	1998	1998	1998
Highest Value	72	71	81	76	77	85	79	69
Year	1976	2005	1982	1982	2005	1982	2005	1982
RH-II (%)								
Mean	17	16	16	15	16	15	17	16
Lowest Value	5	5	2	4	4	1	6	6
Year	1998	1981	1987	1987	1987	1973	1991	1979
Highest Value	51	29	41	40	36	35	54	32
Year	1972	2001	1982	1982	1982	2005	2005	1972
Wind speed (kmph)								
Mean	8.9	8.7	9.3	9.5	9.4	10.1	9.6	9.4
Lowest Value	4.0	0.1	3.8	4.5	3.8	4.0	5.1	4.8
Year	1998	2001	2008	2008	1991	1995	1994	2008
Highest Value	21.5	16.3	22.3	19.3	16.9	27.2	20.0	15.0
Year	2000	1989	1986	1983	1975	1972	1977	2000
Sunshine hours (h)								
Mean	10.2	10.3	10.2	10.7	10.4	10.2	10.3	10.3
Lowest Value	4.2	5.3	5.6	8.6	7.6	6.3	4.5	8.2
Year	2005	1988	1988	1986	1997	1990	1981	1988
Highest Value	11.6	12.2	11.9	11.7	12.0	11.8	11.8	11.5
Year	2003	1997	2003	1983	1974	1971	1996	1996

Table 18. Daily and weekly weather characteristics of meteorological week 18

	Date: April-May							
	30	1	2	3	4	5	6	
	Julian Day							
Weather Variable	**121**	**122**	**123**	**124**	**125**	**126**	**127**	**Weekly Mean**
Maximum Temperature (°C)								
Mean	41.7	41.6	41.3	40.8	41.0	41.3	41.5	41.3
Lowest Value	32.3	36.3	35.2	33.0	34.5	33.4	35.4	35.2
Year	2005	1997	2005	1997	1997	1997	1982	1997
Highest Value	45.0	45.8	45.9	45.2	45.7	46.8	47.2	45.9
Year	1996	2002	2002	2002	2002	2002	2002	2002
Minimum Temperature (°C)								
Mean	25.2	25.4	25.2	25.5	25.0	25.5	25.2	25.3
Lowest Value	19.8	19.4	18.0	18.5	19.2	18.8	16.6	19.0
Year	1982	1982	1979	1979	1982	1982	1982	1982
Highest Value	28.5	29.5	28.2	31.4	28.4	30.5	30.0	28.9
Year	2006	1989	1999	2001	2010	2001	2001	2001
Rainfall (mm)								
Mean	0.0	0.6	0.0	0.0	0.1	0.2	0.0	0.9
Highest Value	0.0	10.6	0.0	0.0	2.5	3.6	0.0	13.4
Year		1977			1990	1975		1977
Evaporation (mm)								
Mean	13.7	13.6	14.0	13.9	13.4	13.9	14.6	13.9
Lowest Value	6.0	8.4	7.0	7.5	8.0	9.4	8.7	9.6
Year	2005	1978	2005	1975	2005	1989	1997	2005
Highest Value	27.0	22.3	24.2	20.0	19.0	19.4	26.4	18.9
Year	1974	1989	1987	1974	2010	1973	1973	1974
RH-I (%)								
Mean	41	41	41	42	42	43	45	42
Lowest Value	4	7	4	3	20	19	10	17
Year	1998	1998	1998	1998	2002	1987	1998	1998
Highest Value	70	85	70	79	73	85	88	68
Year	2005	1977	1972	2005	1997	1997	1977	1977
RH-II (%)								
Mean	18	17	18	18	19	18	19	18
Lowest Value	4	5	1	7	7	4	4	8
Year	1998	2007	1998	2007	1974	1996	2006	1979
Highest Value	39	36	50	48	82	37	89	38
Year	2009	2005	1972	1972	1998	1982	1982	1997
Wind speed (kmph)								
Mean	9.8	10.3	10.3	10.2	9.9	9.4	10.2	10.0
Lowest Value	5.0	5.1	3.5	5.2	4.1	4.0	4.4	6.6
Year	1980	1971	1982	1988	2006	2002	1998	1995
Highest Value	20.6	21.6	26.0	18.9	17.2	17.1	19.1	16.0
Year	1977	1987	1987	2003	1985	1976	1987	1987
Sunshine hours (h)								
Mean	10.6	10.2	9.8	10.0	10.0	10.3	10.4	10.2
Lowest Value	3.8	6.3	0.0	2.9	6.2	3.3	4.5	6.9
Year	2005	2004	1992	1989	1989	1971	1971	1971
Highest Value	11.8	11.7	11.7	11.8	11.9	11.8	11.8	11.5

Table 19. Daily and weekly weather characteristics of meteorological week 19

Weather Variable	Date: May							Weekly Mean
	7	8	9	10	11	12	13	
	Julian Day							
	128	129	130	131	132	133	134	
Maximum Temperature (°C)								
Mean	41.7	41.8	41.7	41.5	41.8	42.2	42.4	41.9
Lowest Value	28.4	32.3	28.6	33.8	35.4	37.8	36.0	33.4
Year	1982	1982	1982	1982	1982	1983	2000	1982
Highest Value	47.0	46.0	47.1	46.5	47.0	46.2	45.7	45.6
Year	2001	1988	1988	1988	1995	1990	1992	1995
Minimum Temperature (°C)								
Mean	25.2	25.5	25.8	26.8	27.0	27.3	27.2	26.4
Lowest Value	16.6	16.4	17.7	17.5	18.6	19.8	20.2	18.1
Year	1982	1982	1987	1982	1982	1982	1982	1982
Highest Value	31.1	33.3	31.0	31.1	31.5	31.5	31.0	30.3
Year	2010	2004	1973	2007	1988	1990	1995	2004
Rainfall (mm)								
Mean	0.7	0.5	0.4	0.5	0.0	0.0	0.0	2.1
Highest Value	20.0	18.4	9.3	17.0	0.0	0.0	0.0	46.3
Year	2008	1982	2008	2008				2008
Evaporation (mm)								
Mean	14.5	14.5	14.7	14.8	15.0	15.0	14.9	14.8
Lowest Value	4.5	8.3	8.8	4.7	6.8	9.0	8.4	8.0
Year	2008	2008	2008	2008	1983	1991	2000	2008
Highest Value	23.9	22.6	26.4	24.0	21.0	26.2	22.2	20.2
Year	1988	1993	1993	1998	1989	1998	1998	1988
RH-I (%)								
Mean	44	46	47	47	44	48	50	47
Lowest Value	14	19	12	23	22	18	18	25
Year	1989	1995	1989	1995	1979	1979	1977	1979
Highest Value	84	78	82	71	70	78	78	71
Year	1982	1994	1987	2010	1996	2008	2007	2008
RH-II (%)								
Mean	18	21	23	21	20	20	21	21
Lowest Value	3	5	5	5	3	4	6	6
Year	1996	1996	1989	1989	1988	1988	1991	1988
Highest Value	51	78	63	41	39	50	50	44
Year	1982	1994	1999	1982	2004	2004	2004	1982
Wind speed (kmph)								
Mean	10.8	11.0	11.5	12.1	11.3	11.2	11.0	11.3
Lowest Value	4.9	3.7	4.1	4.0	5.1	4.2	4.9	5.4
Year	1989	1992	1995	1995	1992	1998	1991	1995
Highest Value	25.6	19.2	23.3	21.8	22.2	17.6	18.0	15.8
Year	1987	1980	1993	1973	1971	2002	1996	1973
Sunshine hours (h)								
Mean	10.0	10.4	10.1	10.2	10.0	10.1	10.3	10.2
Lowest Value	0.4	7.0	1.7	4.4	1.8	4.0	2.6	6.0
Year	1982	1990	2004	2004	2004	2004	2000	2004
Highest Value	11.9	12.1	12.0	11.7	11.9	12.0	12.0	11.6
Year	1973	1974	1974	1992	1978	1978	1978	1978

Table 20. Daily and weekly weather characteristics of meteorological week 20

Weather Variable	Date: May							Weekly Mean
	14	15	16	17	18	19	20	
	Julian Day							
	135	136	137	138	139	140	141	
Maximum Temperature (°C)								
Mean	42.5	42.1	42.0	42.3	42.3	42.3	41.9	42.2
Lowest Value	36.5	36.8	38.0	38.0	38.5	37.8	37.3	38.9
Year	2000	1971	1982	2001	1995	2001	2001	2001
Highest Value	47.0	46.5	47.5	46.5	47.8	46.0	46.8	46.4
Year	1995	1995	1989	1989	1998	1989	1998	1989
Minimum Temperature (°C)								
Mean	26.9	27.2	27.0	27.1	27.0	27.3	27.4	27.1
Lowest Value	18.8	22.8	20.0	20.9	19.6	20.4	21.5	21.8
Year	1982	1977	1979	1973	2001	1982	1997	1982
Highest Value	31.3	31.5	31.3	33.5	31.7	31.0	32.1	30.8
Year	2009	2010	2010	2002	2009	1986	1998	2009
Rainfall (mm)								
Mean	0.0	0.1	0.1	0.2	0.0	0.1	0.0	0.5
Highest Value	0.0	4.5	5.6	7.2	0.4	3.6	0.0	7.6
Year		1987	1981	1973	1973	1983		1973
Evaporation (mm)								
Mean	15.2	15.3	15.2	15.3	15.7	15.3	15.6	15.4
Lowest Value	8.4	7.1	9.2	8.8	9.9	9.0	7.1	11.1
Year	2000	1987	1996	1996	1983	1983	1983	1997
Highest Value	22.7	23.1	23.5	22.0	22.4	24.0	20.7	19.8
Year	1989	1990	1993	1990	1990	1986	1974	1990
RH-I (%)								
Mean	49	52	47	50	52	50	51	50
Lowest Value	26	18	15	21	20	21	21	24
Year	1979	1998	1979	1985	1985	1998	1998	1979
Highest Value	76	85	71	79	85	74	84	70
Year	2007	2008	2004	2001	1971	1988	1971	2001
RH-II (%)								
Mean	22	22	22	20	21	21	23	22
Lowest Value	9	6	5	6	7	8	8	8
Year	1978	1977	1979	1989	1989	1989	1989	1989
Highest Value	61	45	51	40	41	41	45	40
Year	2000	2001	2007	2001	2001	2001	2004	2008
Wind speed (kmph)								
Mean	12.0	12.4	12.3	12.4	12.7	13.5	14.0	12.7
Lowest Value	4.1	3.8	4.0	4.7	4.3	2.5	5.5	4.7
Year	1998	1998	1998	1997	1998	1998	2010	1998
Highest Value	22.3	25.0	22.6	23.7	22.0	22.0	26.6	17.7
Year	1973	1975	1973	1971	2008	2008	1972	1975
Sunshine hours (h)								
Mean	10.2	10.4	10.3	10.3	10.4	10.6	10.1	10.3
Lowest Value	7.6	7.2	4.8	0.0	6.8	4.7	0.0	7.7
Year	1982	1987	1974	1992	1973	1986	1986	1986
Highest Value	12.2	12.0	11.9	12.0	12.0	11.8	12.0	11.8
Year	1975	1978	1983	2009	1999	2009	1974	1978

Table 21. Daily and weekly weather characteristics of meteorological week 21

Weather Variable	Date: May							Weekly Mean
	21	22	23	24	25	26	27	
	Julian Day							
	142	143	144	145	146	147	148	
Maximum Temperature (°C)								
Mean	41.8	41.9	41.9	41.7	41.9	42.0	41.9	41.9
Lowest Value	37.3	37.8	35.0	34.8	33.4	36.6	36.6	38.5
Year	2006	1983	1999	1999	1977	1974	1979	1999
Highest Value	46.8	47.4	47.2	47.8	46.8	45.0	47.3	46.2
Year	1998	2010	2010	2010	1998	1998	1973	1998
Minimum Temperature (°C)								
Mean	27.2	27.3	28.0	27.5	27.9	27.7	27.6	27.6
Lowest Value	18.2	20.5	22.1	19.7	22.0	20.6	20.9	23.4
Year	1986	1997	1971	1974	1977	1979	1974	1986
Highest Value	33.0	31.5	32.2	32.0	31.1	32.0	33.5	30.4
Year	1998	1988	2009	2010	2001	1987	1987	1998
Rainfall (mm)								
Mean	0.3	0.2	0.0	0.6	0.0	0.7	0.2	2.0
Highest Value	11.4	5.0	0.0	14.6	0.0	26.4	4.8	29.6
Year	1983	1997		1977		1979	1974	1979
Evaporation (mm)								
Mean	15.9	14.9	15.8	15.1	15.9	15.1	14.8	15.3
Lowest Value	7.3	8.5	8.2	7.2	9.4	3.2	6.5	10.7
Year	1991	1983	1999	1999	1974	1979	1979	1983
Highest Value	24.0	21.8	27.4	23.4	22.0	21.2	20.4	19.2
Year	1987	1975	1988	1981	2010	1993	1988	1981
RH-I (%)								
Mean	52	54	54	56	56	57	54	55
Lowest Value	19	15	21	22	27	18	22	22
Year	1998	1998	1998	1998	1998	1973	1972	1998
Highest Value	97	80	84	84	78	83	86	75
Year	1983	2001	1999	1974	2000	1979	1974	1971
RH-II (%)								
Mean	23	24	24	23	24	25	24	24
Lowest Value	4	5	6	8	9	6	4	9
Year	1986	1986	1981	1989	1989	1973	1972	1989
Highest Value	47	46	70	48	49	45	61	39
Year	1983	1999	2006	1977	1974	1977	1979	1999
Wind speed (kmph)								
Mean	14.4	13.7	14.1	13.9	14.0	14.5	13.9	14.1
Lowest Value	5.6	4.8	5.8	5.4	7.0	4.3	6.8	8.4
Year	1991	1993	1982	1982	1987	1995	1995	1995
Highest Value	28.0	26.2	26.2	27.6	24.6	24.5	26.6	19.9
Year	1972	1972	1972	1976	1980	2010	1986	1972
Sunshine hours (h)								
Mean	10.1	10.1	10.4	9.9	10.1	10.2	10.0	10.1
Lowest Value	1.4	1.5	7.1	2.9	3.0	4.9	7.1	7.8
Year	1991	1988	1993	1971	2008	1974	1986	1993
Highest Value	12.1	12.1	12.0	12.0	12.3	12.0	11.9	11.8
Year	1978	1978	1978	1995	1973	1990	1990	1990

Table 22. Daily and weekly weather characteristics of meteorological week 22

Weather Variable	Date: May-June							Weekly Mean
	28	29	30	31	1	2	3	
	Julian Day							
	149	150	151	152	153	154	155	
Maximum Temperature (°C)								
Mean	41.7	41.8	41.6	41.5	41.5	40.9	41.3	41.5
Lowest Value	33.3	35.0	33.8	37.3	37.0	30.8	34.9	37.4
Year	1979	1979	1979	2005	1997	1997	2006	1997
Highest Value	47.0	47.5	48.0	46.5	47.0	46.8	48.1	46.6
Year	1994	1994	1994	1994	1994	1991	1991	1994
Minimum Temperature (°C)								
Mean	27.6	27.6	27.2	27.2	27.5	27.9	28.1	27.6
Lowest Value	20.3	19.5	19.5	20.0	19.5	22.4	19.4	23.5
Year	1979	1979	1986	1997	1997	1975	1997	1997
Highest Value	32.6	31.6	31.0	32.0	31.9	33.8	31.8	31.0
Year	1987	1987	1998	1994	2006	1987	2007	1987
Rainfall (mm)								
Mean	1.0	0.7	3.1	0.4	1.3	0.2	2.1	8.9
Highest Value	19.6	16.4	55.0	5.5	41.8	4.0	74.0	80.7
Year	1986	1986	1985	2001	1997	1972	2008	2008
Evaporation (mm)								
Mean	14.6	14.8	14.3	14.2	13.8	13.9	13.9	14.3
Lowest Value	1.5	1.9	0.0	5.4	4.0	2.5	2.8	6.8
Year	1979	1986	1985	2001	2002	2006	2006	1986
Highest Value	23.0	23.5	22.4	22.8	20.0	21.3	20.0	19.1
Year	1988	1989	1993	1994	1988	1987	2003	1988
RH-I (%)								
Mean	56	58	59	60	57	57	57	57
Lowest Value	24	29	26	32	25	14	25	30
Year	1972	1998	1998	1991	1992	1973	1998	1998
Highest Value	86	82	82	87	85	86	92	82
Year	1979	1999	1997	1985	2004	1997	1997	1997
RH-II (%)								
Mean	24	25	26	26	28	26	26	26
Lowest Value	9	7	8	8	7	5	7	10
Year	1972	1994	1995	1992	1992	1991	1992	1995
Highest Value	47	47	55	46	66	53	51	41
Year	1979	1979	1999	2008	1985	2008	1975	2008
Wind speed (kmph)								
Mean	13.8	14.1	13.5	13.1	12.4	11.6	12.6	13.0
Lowest Value	5.0	4.9	5.4	4.1	3.6	4.2	4.5	7.1
Year	1995	1992	1979	2005	2005	1973	1992	2005
Highest Value	25.6	23.1	22.9	25.3	24.2	23.5	19.6	18.3
Year	2010	1981	1997	1975	1975	1975	1971	1988
Sunshine hours (h)								
Mean	9.8	10.2	10.2	10.3	10.3	9.9	10.2	10.1
Lowest Value	4.3	3.7	5.0	6.2	6.3	0.0	2.6	7.7
Year	1987	1987	2002	1986	1997	2006	1990	2006
Highest Value	12.0	12.0	12.3	12.2	12.2	11.9	12.1	11.9
Year	1980	1995	1979	2004	1974	1989	1998	1995

Table 23. Daily and weekly weather characteristics of meteorological week 23

Weather Variable	Date: June							Weekly Mean
	4	5	6	7	8	9	10	
	Julian Day							
	156	157	158	159	160	161	162	
Maximum Temperature (°C)								
Mean	41.5	41.6	41.7	41.5	41.0	41.3	41.2	41.4
Lowest Value	32.0	32.9	34.8	36.5	27.5	35.6	37.0	36.5
Year	1998	2007	1997	2010	2010	2010	1984	1997
Highest Value	48.8	47.5	47.5	48.5	46.5	45.5	47.0	46.9
Year	1991	1995	1991	1994	1991	1993	1991	1991
Minimum Temperature (°C)								
Mean	28.1	28.3	28.4	28.5	28.7	28.2	28.1	28.3
Lowest Value	22.6	21.8	19.5	19.2	20.5	20.4	21.2	24.9
Year	2007	1998	1988	1988	2010	1974	1975	1997
Highest Value	33.5	32.1	32.0	33.3	33.5	32.5	34.0	32.8
Year	1991	1973	1991	1991	1991	1993	1991	1991
Rainfall (mm)								
Mean	0.7	0.2	0.4	0.2	0.2	1.5	0.9	4.2
Highest Value	16.8	7.6	10.1	7.2	6.5	29.5	19.2	29.5
Year	2007	1980	1988	2010	1976	1974	1973	1974
Evaporation (mm)								
Mean	14.1	14.4	14.2	15.1	15.0	13.8	13.9	14.3
Lowest Value	6.7	4.5	0.0	4.3	5.5	4.3	5.9	8.9
Year	1994	2007	1988	2010	2010	2008	1984	2008
Highest Value	19.7	18.6	18.4	27.1	23.8	21.0	23.1	19.9
Year	1991	1981	1993	1987	1981	1992	1987	1987
RH-I (%)								
Mean	58	58	57	57	59	62	62	59
Lowest Value	24	28	28	25	35	36	36	35
Year	1972	1972	1972	2004	1998	1986	1977	1972
Highest Value	80	89	80	77	88	90	83	75
Year	1976	1997	1988	1997	2010	1989	1989	1997
RH-II (%)								
Mean	27	27	28	30	30	31	32	29
Lowest Value	9	5	4	9	14	15	10	17
Year	1995	1981	1994	1993	1986	1986	1988	1993
Highest Value	58	51	59	75	48	53	80	44
Year	2007	1997	2005	2010	2010	1984	1998	2008
Wind speed (kmph)								
Mean	12.5	13.1	14.1	14.0	14.0	13.7	14.5	13.7
Lowest Value	4.8	4.8	6.0	6.0	6.9	5.7	4.7	7.9
Year	1975	1995	1994	1980	1980	1998	1985	1991
Highest Value	18.8	23.4	24.9	25.0	25.7	25.9	31.1	21.6
Year	1989	1978	1977	2003	1975	1971	1971	2003
Sunshine hours (h)								
Mean	10.1	10.2	10.3	9.8	9.5	9.7	8.8	9.8
Lowest Value	4.0	2.0	2.8	2.0	0.0	1.6	0.0	5.8
Year	2006	2007	1971	2010	2010	1998	1998	1971
Highest Value	11.9	12.1	12.0	12.0	11.9	11.8	12.0	11.8
Year	1983	1976	2007	2007	1980	1979	1979	1979

Table 24. Daily and weekly weather characteristics of meteorological week 24

Weather Variable	Date: June							Weekly Mean
	11	12	13	14	15	16	17	
	Julian Day							
	163	164	165	166	167	168	169	
Maximum Temperature (°C)								
Mean	40.8	40.7	40.4	39.8	40.4	40.5	40.6	40.5
Lowest Value	32.0	34.0	30.0	31.0	34.0	33.4	32.9	35.9
Year	1998	1977	1977	1973	1973	2000	2001	2008
Highest Value	46.0	46.5	46.2	45.4	44.5	45.5	45.0	44.9
Year	1988	1992	2010	2010	1995	1995	1992	1992
Minimum Temperature (°C)								
Mean	28.1	28.0	27.4	27.9	27.8	28.3	27.7	27.9
Lowest Value	20.0	20.2	19.2	21.8	21.5	22.5	20.2	23.7
Year	1977	1983	1977	1977	2004	2009	2009	1977
Highest Value	32.0	32.1	32.0	32.4	31.5	32.0	32.0	30.9
Year	1988	1978	1988	2002	1979	2007	1986	1992
Rainfall (mm)								
Mean	0.1	1.2	6.1	0.4	1.1	0.7	2.4	12.1
Highest Value	3.0	31.4	72.6	13.7	33.0	25.0	30.0	72.6
Year	1983	1991	1973	1996	2004	2001	2003	1973
Evaporation (mm)								
Mean	13.5	13.5	13.0	12.7	13.1	13.0	12.0	12.9
Lowest Value	4.7	0.0	0.0	3.1	4.0	2.5	0.0	6.5
Year	1998	1991	1989	1994	2004	2001	1989	1989
Highest Value	20.0	21.8	20.1	20.9	22.7	22.9	19.2	18.6
Year	2006	2006	1976	1981	1972	1976	1972	1981
RH-I (%)								
Mean	61	63	67	64	64	64	66	64
Lowest Value	33	38	28	39	31	27	37	45
Year	2010	2010	1988	1975	1995	1998	1979	1998
Highest Value	81	82	96	87	88	92	92	81
Year	2008	1994	1987	1973	1977	2001	2004	2008
RH-II (%)								
Mean	32	37	36	34	35	34	36	35
Lowest Value	12	12	12	16	9	15	16	14
Year	1988	2010	1981	1981	1981	1981	1981	1981
Highest Value	51	98	73	60	69	73	61	63
Year	2008	2008	1973	2008	2007	2001	2001	2008
Wind speed (kmph)								
Mean	14.4	14.2	14.1	12.8	13.1	13.6	13.9	13.8
Lowest Value	5.0	5.4	5.9	4.2	4.5	5.3	7.6	7.4
Year	2010	2010	1997	1983	1997	2001	2007	2004
Highest Value	34.3	31.1	33.7	27.6	24.4	41.1	32.0	25.5
Year	1971	1971	1976	1976	1985	1973	1973	1976
Sunshine hours (h)								
Mean	9.0	9.1	8.5	8.7	9.3	8.4	7.9	8.7
Lowest Value	0.0	0.3	1.0	0.8	0.0	3.0	0.4	3.8
Year	1977	1977	2008	1973	1988	1973	2001	1971
Highest Value	11.9	11.8	11.8	12.1	12.1	12.1	11.4	11.5
Year	1993	1993	1975	1975	1975	1986	1980	1986

Table 25. Daily and weekly weather characteristics of meteorological week 25

Weather Variable	Date: June							Weekly Mean
	18	19	20	21	22	23	24	
	Julian Day							
	170	171	172	173	174	175	176	
Maximum Temperature (°C)								
Mean	40.3	39.8	40.1	39.5	39.3	39.2	39.3	39.6
Lowest Value	34.3	29.0	28.9	32.1	28.6	33.0	35.0	34.3
Year	2003	2003	2003	2003	1996	1996	1987	2003
Highest Value	46.0	45.5	47.5	46.6	43.9	44.3	45.5	44.2
Year	1992	1992	1992	2010	2010	2006	2006	1992
Minimum Temperature (°C)								
Mean	28.2	28.1	28.2	27.8	27.8	27.8	28.1	28.0
Lowest Value	21.3	21.6	22.1	23.7	22.5	20.5	21.3	24.9
Year	2001	2003	2007	1999	1995	1995	1981	1996
Highest Value	33.5	34.0	33.5	32.4	31.0	32.0	33.1	30.7
Year	1992	1992	1992	1977	1987	2007	2007	2010
Rainfall (mm)								
Mean	0.8	1.6	3.3	1.0	0.7	1.0	1.5	9.8
Highest Value	20.7	55.0	41.0	23.4	9.0	13.7	29.4	55.0
Year	1996	2003	2007	1983	2005	1992	1981	2003
Evaporation (mm)								
Mean	12.9	12.9	13.4	12.9	12.9	12.0	12.1	12.7
Lowest Value	4.0	2.0	0.0	1.5	3.2	0.0	5.8	5.3
Year	2007	2003	1975	2003	1999	1992	1987	2003
Highest Value	23.0	29.6	24.8	19.4	24.6	21.3	20.0	20.3
Year	1988	1972	1986	1980	1988	1988	1988	1988
RH-I (%)								
Mean	66	64	66	71	69	69	68	68
Lowest Value	45	25	35	40	43	37	38	41
Year	1998	1998	2006	2006	2006	2006	2006	2006
Highest Value	91	100	93	93	91	80	85	86
Year	1996	2003	2003	1999	1999	1971	2005	2003
RH-II (%)								
Mean	37	35	38	40	38	37	40	38
Lowest Value	11	11	19	22	24	12	26	23
Year	1981	1981	1980	2009	2006	2006	1975	2006
Highest Value	89	83	82	92	62	53	56	68
Year	2003	2003	1996	1996	1996	2009	1981	1996
Wind speed (kmph)								
Mean	14.3	14.8	14.3	13.7	13.3	13.8	14.4	14.1
Lowest Value	4.4	6.5	6.5	2.5	2.2	1.2	5.9	5.9
Year	2003	1998	2010	1998	1998	1998	1995	1998
Highest Value	30.3	28.1	29.9	25.6	26.7	26.0	24.6	24.4
Year	1973	1985	1984	1996	2004	2004	2004	1973
Sunshine hours (h)								
Mean	8.4	8.0	7.8	7.6	7.3	7.7	7.6	7.8
Lowest Value	0.0	0.0	0.0	0.0	0.0	0.3	1.2	1.7
Year	2003	2003	2008	1973	1996	1996	1973	1973
Highest Value	11.9	11.6	11.7	11.2	10.8	11.4	11.8	10.5
Year	1975	1981	1979	1980	1974	1983	1980	1979

Table 26. Daily and weekly weather characteristics of meteorological week 26

Weather Variable	Date: June-July							Weekly Mean
	25	26	27	28	29	30	1	
	Julian Day							
	177	178	179	180	181	182	183	
Maximum Temperature (°C)								
Mean	39.2	38.8	39.2	39.1	38.5	37.8	37.4	38.6
Lowest Value	36.1	34.5	31.9	28.1	32.8	29.3	28.8	32.8
Year	1981	2007	1971	1971	1971	2002	1988	1971
Highest Value	44.5	42.5	44.6	44.6	43.5	45.0	42.6	42.8
Year	2006	1998	1976	1976	1995	1995	1991	1995
Minimum Temperature (°C)								
Mean	27.7	27.5	27.5	27.9	27.5	27.6	27.6	27.6
Lowest Value	24.0	22.5	20.5	21.1	22.2	22.2	22.1	23.4
Year	1997	1993	1997	1988	1971	1975	1975	1988
Highest Value	31.1	33.0	32.2	32.3	31.8	31.3	31.0	31.3
Year	2010	2010	1998	2010	2010	2000	2010	2010
Rainfall (mm)								
Mean	0.7	3.4	1.8	1.2	3.0	4.1	2.5	16.7
Highest Value	10.0	60.0	52.2	18.8	36.0	49.0	39.4	78.6
Year	2009	1971	1980	1980	1972	1990	1975	1971
Evaporation (mm)								
Mean	12.6	11.3	11.2	11.8	11.3	11.1	10.5	11.4
Lowest Value	5.9	0.0	0.0	0.0	0.0	0.0	0.2	4.3
Year	2009	1993	1980	1980	2002	1990	1975	1971
Highest Value	20.0	19.6	21.2	18.7	22.4	22.1	18.3	18.0
Year	1991	1992	1973	1976	1976	1976	1979	1976
RH-I (%)								
Mean	70	70	70	69	72	75	75	72
Lowest Value	50	40	42	43	51	45	52	58
Year	1998	2007	1998	2007	1989	1991	1989	1991
Highest Value	89	96	98	92	97	100	100	94
Year	1997	1981	1977	1980	1977	1988	1988	1977
RH-II (%)								
Mean	40	39	39	44	47	48	47	43
Lowest Value	23	23	20	14	18	21	30	27
Year	1976	1983	1974	1974	1974	1974	1995	1995
Highest Value	66	73	86	95	88	95	80	64
Year	1994	1993	1980	1977	2007	1988	1988	1971
Wind speed (kmph)								
Mean	14.5	14.2	13.2	13.7	13.5	14.4	13.1	13.8
Lowest Value	5.6	5.4	5.6	7.1	2.8	4.5	3.7	6.3
Year	2009	2006	1974	1974	1998	1998	1972	1972
Highest Value	29.0	32.2	27.8	28.5	29.2	30.8	29.1	22.9
Year	1984	1978	1978	1982	1982	1996	1979	1982
Sunshine hours (h)								
Mean	7.7	7.1	7.3	7.2	6.7	6.7	6.4	7.0
Lowest Value	0.0	1.1	0.6	0.0	0.0	0.0	0.0	0.7
Year	1972	1971	1986	1978	1989	2002	1988	1971
Highest Value	11.8	11.9	11.8	11.7	12.2	11.6	11.4	11.4
Year	1976	1976	1974	1976	1974	1976	1989	1976

Table 27. Daily and weekly weather characteristics of meteorological week 27

Weather Variable	Date: July							Weekly Mean
	2	3	4	5	6	7	8	
	Julian Day							
	184	185	186	187	188	189	190	
Maximum Temperature (°C)								
Mean	37.5	37.4	37.0	37.1	36.9	36.8	37.4	37.2
Lowest Value	31.0	29.7	26.5	27.3	27.3	28.3	30.4	31.0
Year	1988	2001	2001	2007	2007	2004	1990	1990
Highest Value	41.0	41.6	42.7	41.6	43.1	43.5	45.0	41.4
Year	2010	2006	2010	2006	2009	2009	2009	2009
Minimum Temperature (°C)								
Mean	27.6	27.1	27.4	27.2	27.1	27.5	27.2	27.3
Lowest Value	21.0	21.5	23.6	22.1	23.7	23.5	23.8	24.8
Year	1994	1990	1986	2007	1983	2005	2001	1990
Highest Value	31.5	32.0	30.4	31.6	30.6	31.9	30.9	30.2
Year	2010	1996	1987	2009	2009	2009	2009	2009
Rainfall (mm)								
Mean	7.0	5.7	3.2	15.3	1.8	3.7	2.5	39.2
Highest Value	223.3	113.4	57.2	320.0	24.9	62.8	51.2	362.2
Year	1994	1990	2001	2007	1990	2005	2001	1990
Evaporation (mm)								
Mean	10.3	9.9	9.8	9.8	9.4	9.7	10.2	9.9
Lowest Value	0.0	0.0	0.0	0.0	0.8	0.0	0.5	2.3
Year	1994	1994	2001	2001	2007	1984	2001	2001
Highest Value	21.7	22.0	19.8	20.8	22.9	18.6	20.0	17.5
Year	1979	1979	1976	1982	1982	1982	1976	1976
RH-I (%)								
Mean	72	77	76	74	76	74	76	75
Lowest Value	36	55	58	47	55	50	54	56
Year	1973	1993	1982	2009	2009	2009	1975	1975
Highest Value	100	100	100	100	98	98	100	94
Year	1977	2001	1977	2007	2004	1978	2001	1990
RH-II (%)								
Mean	46	50	51	50	54	48	52	50
Lowest Value	30	30	31	31	32	26	26	33
Year	1992	1974	1982	2009	1976	2009	1982	1982
Highest Value	100	98	100	100	93	82	100	83
Year	1994	2001	1990	2003	2004	1990	2001	1990
Wind speed (kmph)								
Mean	13.2	13.6	13.4	12.8	12.7	12.2	13.3	13.0
Lowest Value	4.0	5.5	3.8	4.4	4.4	3.9	5.2	7.4
Year	1993	1980	1994	1980	2003	1994	1996	2001
Highest Value	31.3	27.8	21.7	21.8	23.7	22.5	20.7	21.5
Year	1979	1979	1981	1983	1988	2002	1976	1979
Sunshine hours (h)								
Mean	7.3	7.1	6.8	6.9	6.7	6.3	7.7	7.0
Lowest Value	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.8
Year	2001	2001	2001	2007	2007	2004	2008	1990
Highest Value	11.7	11.6	11.7	11.9	12.0	11.8	11.7	11.7
Year	1976	1976	1976	1976	1976	1976	1975	1976

Table 28. Daily and weekly weather characteristics of meteorological week 28

Weather Variable	Date: July							Weekly Mean
	9	10	11	12	13	14	15	
	Julian Day							
	191	192	193	194	195	196	197	
Maximum Temperature (°C)								
Mean	36.9	36.7	36.4	35.6	35.9	36.1	35.6	36.2
Lowest Value	30.3	29.9	27.9	27.7	29.1	29.4	30.2	31.0
Year	2001	1977	2003	2007	2008	1985	2001	2001
Highest Value	44.3	42.0	42.5	43.5	42.0	40.6	39.2	41.0
Year	2009	2009	1991	1991	1991	1983	1981	1991
Minimum Temperature (°C)								
Mean	27.2	27.5	27.0	26.6	26.6	26.6	26.5	26.8
Lowest Value	24.5	24.1	23.5	22.9	22.0	22.5	22.3	24.8
Year	1981	1972	2003	1995	1993	1971	1979	1977
Highest Value	31.0	31.5	29.8	30.0	30.6	29.2	29.0	28.6
Year	1991	1995	1982	2000	1987	1996	1993	1983
Rainfall (mm)								
Mean	3.6	1.7	3.4	3.7	2.3	4.6	4.3	23.8
Highest Value	41.5	21.0	30.0	50.0	42.2	72.5	37.0	113.0
Year	2005	2001	2003	2001	1991	1988	1978	2001
Evaporation (mm)								
Mean	9.4	9.4	9.4	9.0	7.9	8.0	7.9	8.7
Lowest Value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Year	2001	2001	2001	2001	1993	1988	1978	2001
Highest Value	19.5	21.2	20.2	16.2	15.5	14.8	14.6	13.8
Year	1982	1987	1987	1989	1979	1990	1974	1979
RH-I (%)								
Mean	77	77	77	78	79	79	81	78
Lowest Value	52	50	59	58	63	63	59	62
Year	1975	1991	1995	1971	1983	1983	1971	1971
Highest Value	100	100	100	100	99	100	96	96
Year	2003	1977	1977	1993	1977	1988	1979	1977
RH-II (%)								
Mean	52	54	56	55	52	58	56	55
Lowest Value	26	31	31	31	34	37	35	38
Year	1971	1975	1991	1976	1983	1997	1997	1986
Highest Value	97	100	100	97	85	94	92	84
Year	1981	1993	2001	1994	1985	1979	1993	1973
Wind speed (kmph)								
Mean	13.2	13.4	13.5	12.9	12.6	12.1	11.9	12.8
Lowest Value	4.7	3.4	4.3	6.3	5.5	5.5	5.0	6.9
Year	2001	2001	2001	2009	1994	2000	1978	1978
Highest Value	26.0	28.3	22.3	21.0	22.3	18.8	21.1	18.5
Year	2002	1985	1986	2010	1973	1979	1980	2006
Sunshine hours (h)								
Mean	6.8	6.6	6.3	5.3	5.2	5.7	5.2	5.9
Lowest Value	0.0	0.1	0.1	0.0	0.0	0.0	0.0	1.2
Year	2008	2006	2003	2006	2008	1985	2006	2006
Highest Value	11.4	10.9	11.0	11.4	10.5	10.8	10.7	9.9
Year	1995	1995	1976	1983	2002	2002	2002	1991

Table 29. Daily and weekly weather characteristics of meteorological week 29

Weather Variable	Date: July							Weekly Mean
	16	17	18	19	20	21	22	
	Julian Day							
	198	199	200	201	202	203	204	
Maximum Temperature (°C)								
Mean	35.4	35.1	34.8	35.2	35.0	34.4	34.7	34.9
Lowest Value	30.3	28.0	27.0	27.3	28.0	29.4	29.8	29.5
Year	1985	1975	1979	1979	1975	1975	1999	1975
Highest Value	39.8	42.5	40.3	41.8	40.8	40.8	38.9	39.1
Year	1986	1983	2010	1989	1982	1982	2010	2010
Minimum Temperature (°C)								
Mean	26.4	26.2	26.2	26.4	26.3	26.4	26.3	26.3
Lowest Value	22.0	23.0	23.3	23.0	22.5	20.0	22.9	23.5
Year	2000	2000	1992	1997	1977	1981	1975	1971
Highest Value	30.4	30.5	30.0	29.9	29.5	29.7	29.8	28.4
Year	2010	1999	1999	2006	1989	2010	1987	1987
Rainfall (mm)								
Mean	9.3	7.1	10.6	4.5	4.2	2.9	3.4	41.9
Highest Value	136.0	155.0	150.0	64.5	40.0	76.0	28.0	505.5
Year	1979	1979	1979	1979	1971	1977	2000	1979
Evaporation (mm)								
Mean	7.9	7.2	5.8	6.8	6.9	7.1	6.9	6.9
Lowest Value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
Year	1985	1985	1996	1979	1988	1977	1975	1975
Highest Value	15.3	15.8	13.9	16.1	14.3	21.0	14.0	15.0
Year	1976	1986	1986	1986	1986	1986	2004	1986
RH-I (%)								
Mean	80	81	82	82	83	81	82	82
Lowest Value	54	56	60	54	59	66	67	65
Year	1971	1971	2006	2002	1986	1987	1987	2002
Highest Value	99	98	100	100	100	95	98	96
Year	1973	1977	1993	2003	1988	1988	1977	1977
RH-II (%)								
Mean	58	60	57	59	60	58	59	59
Lowest Value	30	34	31	38	36	35	36	40
Year	2006	2002	1989	1982	2002	1987	2004	1986
Highest Value	94	100	92	85	100	94	94	79
Year	1993	1993	1979	1999	1977	1988	2003	1979
Wind speed (kmph)								
Mean	11.4	10.4	11.0	11.1	11.9	11.6	11.3	11.2
Lowest Value	5.3	3.8	2.5	5.0	4.9	4.8	5.1	6.6
Year	1988	1985	1976	1978	1995	1992	1996	1996
Highest Value	21.5	21.3	23.6	22.4	23.3	20.3	19.7	19.7
Year	1981	1981	1981	1974	1980	2002	2002	1981
Sunshine hours (h)								
Mean	5.5	5.1	5.0	5.3	5.6	5.3	5.6	5.3
Lowest Value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Year	2006	1981	1981	1981	2006	2006	2000	1981
Highest Value	10.8	11.2	11.7	11.7	11.3	11.1	11.0	10.4
Year	2004	2004	1982	1982	1989	1987	1987	2004

Table 30. Daily and weekly weather characteristics of meteorological week 30

Weather Variable	Date: July							Weekly Mean
	23	24	25	26	27	28	29	
	Julian Day							
	205	206	207	208	209	210	211	
Maximum Temperature (°C)								
Mean	34.5	34.8	34.1	33.9	34.0	33.8	33.9	34.2
Lowest Value	29.5	27.8	29.6	27.0	27.2	28.4	25.5	31.1
Year	1991	1978	1978	1986	1995	1996	1986	1994
Highest Value	38.6	38.5	38.7	38.8	39.3	38.3	39.3	37.8
Year	1976	2008	2008	2004	2005	1974	1974	1998
Minimum Temperature (°C)								
Mean	26.2	26.0	26.2	26.2	25.9	25.7	26.0	26.0
Lowest Value	20.2	19.1	19.6	22.9	23.9	21.4	22.0	22.2
Year	1971	1971	1971	1995	1996	1981	1986	1971
Highest Value	28.6	29.6	29.7	29.5	29.2	29.2	29.3	28.6
Year	1987	1989	2004	2004	2008	1987	1998	1987
Rainfall (mm)								
Mean	2.8	6.3	7.0	7.9	5.0	5.6	4.2	38.8
Highest Value	19.2	83.0	51.6	145.0	85.0	54.0	50.1	263.0
Year	1988	1978	1986	1995	1995	1986	1986	1995
Evaporation (mm)								
Mean	6.9	6.5	6.3	6.7	7.1	6.7	6.8	6.7
Lowest Value	2.6	0.0	0.0	0.0	0.0	0.0	0.0	2.7
Year	1994	1996	2001	1983	1983	2003	1986	1978
Highest Value	16.8	14.4	12.9	17.1	17.0	17.5	17.7	15.5
Year	1987	1987	1987	1972	1972	1972	1972	1972
RH-I (%)								
Mean	84	84	83	82	84	84	84	83
Lowest Value	49	68	57	55	61	64	58	66
Year	1975	2004	2004	2004	1977	1998	1998	1975
Highest Value	98	100	100	100	100	100	100	95
Year	1978	1978	1991	1983	2003	1986	1986	1978
RH-II (%)								
Mean	60	62	62	61	64	62	61	62
Lowest Value	38	37	35	37	37	30	35	39
Year	1987	2004	2004	1996	1974	2001	1974	1987
Highest Value	98	94	97	99	100	98	98	86
Year	1978	1982	1995	1986	2003	1980	2006	1977
Wind speed (kmph)								
Mean	10.2	10.9	11.4	11.8	12.8	12.3	12.0	11.6
Lowest Value	4.4	3.6	4.7	4.8	5.5	6.1	4.6	6.8
Year	2006	1981	1995	2010	1977	2003	1998	2010
Highest Value	22.0	23.9	20.1	23.0	27.1	24.8	20.3	18.4
Year	1971	2000	1987	1987	1976	1975	1986	1973
Sunshine hours (h)								
Mean	4.9	5.5	4.4	5.3	5.1	5.1	5.0	5.0
Lowest Value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Year	1991	1978	1995	1995	1995	2008	1986	1986
Highest Value	10.8	11.9	11.5	11.1	11.8	10.9	10.4	10.5
Year	1987	1989	1979	1981	1975	1979	1991	1979

Table 31. Daily and weekly weather characteristics of meteorological week 31

Weather Variable	Date: July-August							Weekly Mean
	30	31	1	2	3	4	5	
	Julian Day							
	212	213	214	215	216	217	218	
Maximum Temperature (°C)								
Mean	34.0	33.9	34.0	33.9	33.7	33.8	33.5	33.8
Lowest Value	27.5	29.0	26.0	27.0	28.3	29.7	28.3	30.2
Year	2006	1989	1999	2004	1977	1990	2008	1977
Highest Value	39.8	41.1	41.1	41.0	39.8	39.6	38.5	39.2
Year	1998	1998	1998	2002	2002	1987	1987	1987
Minimum Temperature (°C)								
Mean	25.9	25.8	25.7	25.8	25.8	26.1	25.6	25.8
Lowest Value	23.0	21.6	22.6	22.6	24.0	23.5	22.5	24.3
Year	1986	1999	2004	1985	1996	2007	2007	1971
Highest Value	28.9	29.5	29.1	28.9	29.3	28.9	28.6	28.1
Year	1998	1998	2002	1972	1972	1974	1987	1972
Rainfall (mm)								
Mean	8.2	6.2	9.6	5.8	3.7	3.7	10.0	47.2
Highest Value	180.6	129.0	103.0	112.5	53.0	28.0	165.0	232.0
Year	1992	1999	1999	2005	2005	2007	1996	1999
Evaporation (mm)								
Mean	6.1	7.0	6.5	6.4	6.0	5.7	5.5	6.1
Lowest Value	0.0	0.0	0.0	0.0	1.5	0.0	0.0	2.9
Year	1992	1980	1977	2005	2006	1990	1996	2005
Highest Value	13.8	19.1	18.7	14.1	14.9	19.1	13.1	14.9
Year	1974	1972	1987	1987	1987	1972	1987	1987
RH-I (%)								
Mean	81	83	83	83	84	84	86	83
Lowest Value	32	64	39	61	56	60	65	60
Year	2000	1987	1998	1972	1975	1974	1975	1998
Highest Value	98	97	100	100	100	100	100	95
Year	1992	1995	1992	1977	1990	2008	2008	1977
RH-II (%)								
Mean	63	61	63	63	61	62	65	62
Lowest Value	34	33	41	38	25	36	36	37
Year	1987	1987	2002	1974	1994	1987	1987	1987
Highest Value	100	93	100	99	98	98	100	87
Year	1980	1999	2006	1977	1979	2008	1990	1977
Wind speed (kmph)								
Mean	11.7	10.7	11.3	11.0	10.5	8.9	10.1	10.7
Lowest Value	3.3	3.6	4.4	4.5	2.7	2.3	3.4	5.2
Year	1991	2005	2005	2010	2008	2010	2006	2010
Highest Value	25.0	24.9	23.8	26.5	23.7	16.0	17.6	20.2
Year	1986	1989	1987	1987	1987	1987	1990	1987
Sunshine hours (h)								
Mean	4.9	5.7	5.5	5.3	4.7	4.5	4.7	5.1
Lowest Value	0.0	0.2	0.1	0.0	0.0	0.0	0.0	1.9
Year	2006	1980	1999	2004	2008	2004	2008	1996
Highest Value	11.2	11.0	11.3	11.6	10.5	10.4	11.1	9.4
Year	1974	1983	1983	1979	1998	1983	1972	1987

Table 32. Daily and weekly weather characteristics of meteorological week 32

Weather Variable	Date: August							Weekly Mean
	6	7	8	9	10	11	12	
	Julian Day							
	219	220	221	222	223	224	225	
Maximum Temperature (°C)								
Mean	32.9	33.2	33.0	33.2	33.4	33.7	33.7	33.3
Lowest Value	26.5	26.2	26.4	28.8	28.5	29.0	25.0	28.4
Year	1996	1996	1996	1997	1994	1992	2004	1996
Highest Value	39.0	38.0	38.0	39.0	41.0	41.0	39.2	38.7
Year	1987	1989	1989	1987	1987	1987	1974	1987
Minimum Temperature (°C)								
Mean	25.7	25.5	25.5	25.6	25.3	25.4	25.4	25.5
Lowest Value	23.0	22.9	22.5	20.2	16.8	17.5	16.5	20.6
Year	1986	1986	1981	1981	1981	1981	1981	1981
Highest Value	28.2	29.7	29.0	30.1	28.5	29.0	29.5	29.0
Year	1987	1987	1987	1987	1974	1987	2009	1987
Rainfall (mm)								
Mean	7.4	3.2	9.3	0.9	4.7	4.2	2.6	32.3
Highest Value	137.8	35.0	196.6	8.5	44.0	36.0	42.3	196.6
Year	1990	1979	1997	2006	2006	2006	1992	1997
Evaporation (mm)								
Mean	5.7	5.6	5.5	5.7	5.5	5.9	6.2	5.7
Lowest Value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Year	2001	1979	1997	2001	2001	1992	1992	2001
Highest Value	14.0	15.2	14.5	15.0	13.7	13.1	16.3	12.3
Year	1974	1972	1989	1993	1974	1972	1987	1974
RH-I (%)								
Mean	84	84	85	84	85	85	85	85
Lowest Value	68	61	64	61	63	61	68	67
Year	1993	1987	1989	1987	2000	1974	2009	1987
Highest Value	100	98	98	99	100	100	100	96
Year	1979	1977	2007	1988	1990	1992	1984	1988
RH-II (%)								
Mean	64	65	63	63	64	62	63	64
Lowest Value	27	42	41	39	36	34	35	40
Year	1972	1972	1987	1987	1987	1974	1972	1987
Highest Value	93	95	90	98	95	92	97	80
Year	1976	2001	1977	1977	2008	1984	1994	1977
Wind speed (kmph)								
Mean	10.1	10.9	10.0	10.4	9.6	9.1	10.1	10.1
Lowest Value	3.2	3.1	3.0	3.9	4.5	2.6	3.4	4.2
Year	1998	2007	2003	2001	1990	2008	2008	2001
Highest Value	21.6	25.5	16.7	20.5	19.3	18.8	21.3	16.9
Year	1974	1998	1978	1993	1993	1981	1987	1974
Sunshine hours (h)								
Mean	4.8	4.8	5.0	5.1	5.0	5.4	5.3	5.0
Lowest Value	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.8
Year	2008	1996	1996	1972	1985	1999	1984	1971
Highest Value	11.1	10.8	10.2	11.0	10.5	10.6	11.0	9.0
Year	1989	1998	1983	1983	1986	1986	2006	1983

Table 33. Daily and weekly weather characteristics of meteorological week 33

Weather Variable	Date: August							Weekly Mean
	13	14	15	16	17	18	19	
	Julian Day							
	226	227	228	229	230	231	232	
Maximum Temperature (°C)								
Mean	33.6	33.2	33.0	33.2	32.8	33.2	33.3	33.2
Lowest Value	24.9	26.5	27.0	27.4	24.6	25.6	25.7	29.0
Year	2004	1994	1979	1975	2004	2004	1996	2004
Highest Value	38.8	38.0	39.0	41.2	42.1	42.2	42.0	40.3
Year	1989	1987	1987	1987	1987	1987	1987	1987
Minimum Temperature (°C)								
Mean	25.3	25.2	25.2	25.3	25.2	25.1	25.2	25.2
Lowest Value	16.5	16.6	17.8	19.2	20.3	19.0	18.5	18.3
Year	1981	1981	1981	1981	1981	1981	1981	1981
Highest Value	28.8	30.5	28.8	30.9	30.0	30.9	29.0	29.3
Year	1987	1987	1987	1987	1987	1987	1988	1987
Rainfall (mm)								
Mean	3.3	8.2	3.3	3.4	5.0	4.1	6.7	34.1
Highest Value	85.9	115.0	44.0	44.3	69.0	71.2	180.0	347.2
Year	1994	1973	1973	1983	1976	1982	1973	1973
Evaporation (mm)								
Mean	6.0	6.0	5.8	5.3	5.3	5.1	5.6	5.6
Lowest Value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
Year	1994	1994	1983	1983	2001	1982	1973	1973
Highest Value	17.7	15.3	11.7	10.5	12.0	13.8	11.3	11.6
Year	1972	1974	1987	1971	1987	1987	1993	1974
RH-I (%)								
Mean	84	84	86	86	86	84	86	85
Lowest Value	63	54	63	55	63	58	69	64
Year	1974	1971	1974	1987	1987	1987	2002	1987
Highest Value	100	99	100	100	100	100	100	99
Year	1994	1973	2006	1973	1973	1973	1973	1973
RH-II (%)								
Mean	63	65	64	67	63	64	62	64
Lowest Value	35	38	32	38	28	36	41	38
Year	1987	1993	1987	1974	1987	1987	1988	1987
Highest Value	100	100	100	100	99	100	100	97
Year	2008	1976	1973	1973	1973	1973	2006	1973
Wind speed (kmph)								
Mean	10.3	10.3	9.1	9.1	8.8	9.2	9.7	9.5
Lowest Value	3.2	4.0	2.7	1.1	1.1	1.2	1.9	2.9
Year	2001	2006	2010	1983	1983	1983	1983	1983
Highest Value	18.0	21.8	15.4	17.4	16.9	23.2	37.1	18.1
Year	1974	1995	1995	1971	1977	1971	1973	1973
Sunshine hours (h)								
Mean	5.4	5.7	5.1	5.5	5.1	5.4	5.8	5.4
Lowest Value	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.6
Year	1997	2009	1996	1985	2004	2004	1996	1973
Highest Value	10.9	11.0	10.8	11.1	11.1	11.4	11.0	10.2
Year	1992	1980	2005	1993	1980	1990	1998	1993

Table 34. Daily and weekly weather characteristics of meteorological week 34

Weather Variable	Date: August							Weekly Mean
	20	21	22	23	24	25	26	
	Julian Day							
	233	234	235	236	237	238	239	
Maximum Temperature (°C)								
Mean	33.5	33.5	33.1	33.8	33.9	34.0	34.0	33.7
Lowest Value	26.7	27.6	27.8	28.5	29.6	27.5	29.1	28.7
Year	2004	2006	2006	2006	1975	2006	1976	2006
Highest Value	40.2	40.2	39.0	38.8	39.4	39.8	43.3	38.0
Year	1987	1987	1980	1980	2003	1998	1978	1998
Minimum Temperature (°C)								
Mean	25.1	24.9	25.2	24.9	25.3	24.8	24.9	25.0
Lowest Value	18.6	19.5	18.6	17.4	17.4	19.0	19.0	18.5
Year	1981	1981	1981	1981	1981	1981	1981	1981
Highest Value	28.7	28.8	28.6	30.0	29.8	28.4	28.4	28.7
Year	1987	1987	1987	1987	1987	2002	1987	1987
Rainfall (mm)								
Mean	3.9	4.8	1.1	3.9	1.5	2.1	5.8	23.1
Highest Value	52.5	40.9	15.4	45.2	20.1	20.2	137.8	176.7
Year	2006	1996	1991	1972	1972	1972	1997	1997
Evaporation (mm)								
Mean	5.6	5.3	5.6	5.7	5.9	6.0	5.4	5.7
Lowest Value	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.1
Year	1972	1994	1994	1991	1972	1972	1997	1972
Highest Value	12.3	11.9	11.6	13.2	11.2	14.4	14.6	12.1
Year	1980	1987	1993	1993	1993	1993	1993	1993
RH-I (%)								
Mean	86	87	86	84	84	85	85	85
Lowest Value	67	63	68	56	66	67	41	70
Year	2002	2002	2002	1971	1987	2009	1998	1998
Highest Value	100	100	100	100	98	100	100	97
Year	1984	1973	2006	1991	1984	2003	2003	1973
RH-II (%)								
Mean	64	67	63	60	62	61	63	63
Lowest Value	37	39	39	33	30	38	37	39
Year	1987	2002	2002	1995	1971	1993	1993	1993
Highest Value	100	100	100	100	87	100	96	91
Year	1973	1973	1973	1973	1972	2003	1972	1972
Wind speed (kmph)								
Mean	9.1	9.2	8.6	8.7	8.3	8.6	9.0	8.8
Lowest Value	1.5	2.7	3.0	4.3	3.8	3.6	3.1	5.4
Year	1983	1997	1997	1997	2000	1996	2010	2007
Highest Value	16.8	18.0	19.3	17.2	16.8	18.4	17.1	16.4
Year	1979	1979	1981	1974	1974	1974	1981	1974
Sunshine hours (h)								
Mean	6.2	5.7	5.7	6.3	6.7	6.9	6.5	6.3
Lowest Value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
Year	2006	2010	2010	1992	1973	1984	2003	1972
Highest Value	11.2	11.2	11.4	11.3	11.1	11.0	11.1	11.2
Year	1980	1980	1980	1980	1996	1996	1980	1980

Table 35. Daily and weekly weather characteristics of meteorological week 35

Weather Variable	Date: August-September							Weekly Mean
	27	28	29	30	31	1	2	
	Julian Day							
	240	241	242	243	244	245	246	
Maximum Temperature (°C)								
Mean	33.5	33.5	33.7	34.0	34.1	34.1	34.3	33.9
Lowest Value	27.8	25.8	27.3	29.8	29.6	27.6	28.0	29.9
Year	1997	2003	1973	1973	1991	1996	1991	2003
Highest Value	39.6	39.2	38.4	38.0	38.2	38.0	38.8	37.1
Year	1998	1984	1998	1993	1988	1987	2002	1993
Minimum Temperature (°C)								
Mean	24.6	24.6	24.6	24.9	24.7	24.8	24.8	24.7
Lowest Value	17.2	16.2	16.2	17.4	19.0	18.5	18.5	17.6
Year	1981	1981	1981	1981	1981	1981	1981	1981
Highest Value	28.5	27.8	27.0	27.5	27.5	27.4	27.0	27.2
Year	2000	2010	2000	1980	1999	2002	1999	1999
Rainfall (mm)								
Mean	3.4	6.5	4.9	0.7	1.7	2.5	1.9	21.5
Highest Value	29.5	63.0	70.0	10.0	14.0	38.8	27.0	165.7
Year	1997	2003	1973	1978	1973	1976	1990	1973
Evaporation (mm)								
Mean	6.2	5.2	5.8	5.9	6.0	6.1	5.7	5.8
Lowest Value	0.0	0.0	0.0	0.5	2.3	0.0	0.0	2.0
Year	1989	2003	2003	2003	1992	1978	2002	2003
Highest Value	13.1	13.6	14.8	13.3	12.2	12.5	14.5	12.7
Year	1987	1974	1987	1987	1974	1974	1974	1974
RH-I (%)								
Mean	83	86	84	85	84	83	83	84
Lowest Value	46	66	62	65	67	62	66	69
Year	1998	1993	1977	1993	2002	2008	2005	1998
Highest Value	100	100	99	100	98	98	100	97
Year	2003	2003	1972	1973	1992	1991	1991	1972
RH-II (%)								
Mean	63	63	61	62	59	58	59	61
Lowest Value	33	32	32	35	36	35	37	39
Year	1993	1993	1993	1971	1974	1974	2005	1974
Highest Value	100	98	97	100	98	97	97	86
Year	2003	1994	1972	1991	1978	1991	1978	1972
Wind speed (kmph)								
Mean	9.2	8.6	7.9	8.1	8.0	7.6	7.9	8.2
Lowest Value	3.7	3.4	3.2	2.8	3.5	1.4	3.0	4.2
Year	2007	1998	1997	2007	2010	1992	2008	2007
Highest Value	16.9	22.6	19.8	16.6	16.6	18.4	19.7	18.4
Year	1987	1987	1987	1987	1974	1987	1974	1987
Sunshine hours (h)								
Mean	6.5	6.8	6.7	6.9	7.0	6.5	6.9	6.7
Lowest Value	0.2	0.0	0.0	0.2	0.3	0.0	0.0	1.6
Year	1995	2003	1973	1991	1987	1985	1991	1973
Highest Value	11.1	11.3	11.5	11.4	11.1	11.4	11.6	10.6
Year	1980	1979	1975	1979	1979	2005	2005	1988

Table 36. Daily and weekly weather characteristics of meteorological week 36

Weather Variable	Date: September							Weekly Mean
	3	4	5	6	7	8	9	
	Julian Day							
	247	248	249	250	251	252	253	
Maximum Temperature (°C)								
Mean	34.4	34.1	34.1	34.5	34.3	34.2	34.0	34.2
Lowest Value	27.4	27.0	29.8	28.8	26.8	27.5	26.8	30.0
Year	1991	1984	1984	1984	1992	1992	1976	1984
Highest Value	38.9	40.4	41.0	41.8	42.1	41.9	40.0	39.7
Year	2005	1988	1988	2005	2005	2005	2009	2005
Minimum Temperature (°C)								
Mean	24.9	24.7	24.7	24.7	24.7	24.2	24.1	24.6
Lowest Value	18.5	17.5	18.5	19.6	19.4	18.4	15.2	18.7
Year	1981	1981	1981	1981	1981	1981	1978	1981
Highest Value	28.3	28.4	28.6	28.4	30.1	28.0	27.2	27.3
Year	2009	1987	1988	2005	2005	1999	1988	1988
Rainfall (mm)								
Mean	1.3	2.0	2.5	1.1	1.5	3.6	1.5	13.5
Highest Value	25.6	24.0	38.0	31.0	22.5	44.2	19.6	89.9
Year	1991	1973	2010	1975	1976	1992	1976	2010
Evaporation (mm)								
Mean	6.3	6.2	6.5	6.5	6.4	5.6	6.5	6.3
Lowest Value	0.0	0.0	1.3	0.0	0.0	0.0	0.0	2.3
Year	1991	1975	1984	1975	1992	1992	1992	1992
Highest Value	11.3	13.2	13.5	12.5	13.3	12.9	14.0	10.6
Year	1972	1987	1972	1972	1987	1974	1987	1972
RH-I (%)								
Mean	83	83	82	83	81	82	82	82
Lowest Value	54	55	55	59	51	52	50	54
Year	1972	1972	1972	1972	1972	1972	1972	1972
Highest Value	98	100	100	98	100	100	98	98
Year	1990	1992	1992	1992	1992	1992	1976	1992
RH-II (%)								
Mean	59	58	57	56	57	55	53	56
Lowest Value	31	33	32	32	23	33	30	37
Year	1988	1988	1998	1981	1984	2009	1981	1974
Highest Value	95	93	100	98	100	92	76	84
Year	1984	2007	2010	1992	2010	1992	1991	1992
Wind speed (kmph)								
Mean	8.4	8.2	8.0	7.8	8.3	8.1	8.3	8.2
Lowest Value	3.2	3.0	2.3	2.5	2.7	1.7	2.9	4.4
Year	1976	1994	1994	1994	2009	1995	2005	1994
Highest Value	17.8	15.4	16.3	12.8	16.2	16.8	15.4	12.9
Year	1974	1985	1985	1989	1975	1988	1987	1987
Sunshine hours (h)								
Mean	7.7	7.4	7.5	7.5	7.6	7.0	7.6	7.5
Lowest Value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
Year	1991	1984	2000	1999	1976	1992	1997	1992
Highest Value	11.6	10.8	10.8	11.0	10.7	10.5	10.8	10.5
Year	1979	1974	1976	1998	1982	1995	2004	1974

Table 37. Daily and weekly weather characteristics of meteorological week 37

Weather Variable	Date: September							Weekly Mean
	10	11	12	13	14	15	16	
	Julian Day							
	254	255	256	257	258	259	260	
Maximum Temperature (°C)								
Mean	34.2	34.6	34.8	35.0	35.3	34.9	35.0	34.8
Lowest Value	29.8	30.0	27.4	30.2	29.1	27.2	27.1	30.9
Year	1992	1994	1997	1994	2010	2010	1975	1975
Highest Value	40.1	38.5	40.0	40.5	40.2	40.3	41.3	39.1
Year	2009	1998	1988	1988	1974	1974	1974	1988
Minimum Temperature (°C)								
Mean	24.1	24.1	24.2	24.2	24.2	23.9	23.9	24.1
Lowest Value	19.4	19.5	20.5	20.6	19.4	20.4	19.5	19.9
Year	1981	1981	1981	1981	1981	1981	1981	1981
Highest Value	28.5	28.3	30.3	29.4	28.4	27.8	28.5	28.0
Year	1999	1988	1988	1987	1987	1987	1974	1988
Rainfall (mm)								
Mean	0.9	1.4	2.1	0.4	1.5	2.1	2.3	10.7
Highest Value	24.9	27.5	36.1	8.0	57.0	44.5	55.7	127.1
Year	1993	2010	1982	2005	1975	2010	2008	1975
Evaporation (mm)								
Mean	6.8	6.5	6.2	6.3	6.9	6.9	7.0	6.6
Lowest Value	3.0	0.0	2.7	1.7	0.0	0.0	2.2	2.1
Year	2010	1975	1983	2010	1975	2001	2010	1975
Highest Value	14.1	10.8	10.9	11.2	14.3	11.5	13.6	10.9
Year	1987	1988	1981	1979	1979	1987	1974	1974
RH-I (%)								
Mean	80	80	80	79	79	79	79	79
Lowest Value	52	39	44	47	46	51	47	47
Year	1972	1972	1972	1972	1972	1972	1974	1972
Highest Value	98	98	97	97	98	99	98	96
Year	1992	1992	1975	1975	1975	1994	1973	1975
RH-II (%)								
Mean	54	53	51	49	50	49	49	51
Lowest Value	32	28	25	16	25	21	20	25
Year	1974	1988	1974	1974	1988	1974	1971	1974
Highest Value	89	98	90	80	97	93	85	83
Year	1996	2005	1973	1975	1994	1975	2005	1975
Wind speed (kmph)								
Mean	7.5	6.8	7.2	7.0	6.8	7.1	7.4	7.1
Lowest Value	2.6	2.5	3.2	2.8	2.5	2.4	2.1	4.3
Year	1972	1997	1997	1996	1994	2010	2010	1996
Highest Value	14.5	13.0	12.1	12.2	14.1	13.4	18.7	11.5
Year	1987	1987	1982	1999	2002	2009	1977	2002
Sunshine hours (h)								
Mean	8.0	8.1	8.2	8.2	8.5	8.0	8.3	8.2
Lowest Value	0.4	1.2	0.0	1.1	0.3	0.0	0.0	3.1
Year	1997	1997	1997	1994	2010	2010	1998	1997
Highest Value	11.3	11.0	11.2	11.2	11.1	11.1	11.2	11.1
Year	1989	1989	1978	1974	1978	1989	1989	1989

Table 38. Daily and weekly weather characteristics of meteorological week 38

Weather Variable	Date: September							Weekly Mean
	17	18	19	20	21	22	23	
	Julian Day							
	261	262	263	264	265	266	267	
Maximum Temperature (°C)								
Mean	34.9	35.7	36.0	36.1	36.3	36.7	36.8	36.1
Lowest Value	29.3	30.0	31.8	31.8	29.0	31.5	32.5	31.8
Year	1984	1975	1992	1975	1990	1994	1994	1975
Highest Value	39.8	41.1	43.0	41.3	41.8	42.3	42.0	41.2
Year	1974	1974	1987	1981	1974	1974	1974	1974
Minimum Temperature (°C)								
Mean	24.1	23.8	23.9	23.6	23.4	23.7	23.5	23.7
Lowest Value	18.7	19.6	20.0	19.0	19.0	19.5	18.5	20.1
Year	1981	1981	1994	1994	2010	1994	1994	1981
Highest Value	28.0	27.5	29.6	27.6	27.5	27.4	28.8	27.2
Year	1988	1999	1987	1988	1999	1987	1987	1987
Rainfall (mm)								
Mean	1.0	1.3	0.2	0.1	0.1	0.4	0.1	3.2
Highest Value	21.3	30.2	8.5	3.0	3.7	18.0	2.1	35.0
Year	2005	1975	1979	1980	2002	2006	1998	1975
Evaporation (mm)								
Mean	6.6	6.8	6.3	6.8	6.4	6.9	6.9	6.7
Lowest Value	2.2	0.0	2.4	3.0	2.0	2.7	2.0	3.6
Year	1994	1988	2005	1992	2002	1990	2006	2008
Highest Value	11.5	14.1	13.0	14.0	13.6	12.9	13.2	12.2
Year	1972	1977	1987	1987	1987	1977	1974	1987
RH-I (%)								
Mean	77	78	76	77	77	76	74	76
Lowest Value	41	47	39	46	54	49	43	52
Year	1987	1987	1987	1974	1974	1974	1972	1972
Highest Value	96	96	98	95	98	98	96	93
Year	1976	1994	2003	1975	1990	1992	1975	1975
RH-II (%)								
Mean	47	44	44	42	41	40	42	43
Lowest Value	20	13	14	15	16	20	19	20
Year	1971	1987	1995	1974	1974	1971	1986	1974
Highest Value	86	73	68	80	61	59	100	66
Year	1975	2005	2008	1990	2008	2008	1988	1975
Wind speed (kmph)								
Mean	6.9	6.8	6.7	6.3	6.0	5.9	6.4	6.4
Lowest Value	2.3	2.0	2.1	3.1	2.7	2.4	3.0	3.8
Year	2010	1978	2010	1992	1992	1975	1994	2007
Highest Value	18.7	14.7	12.0	12.4	10.4	10.9	14.0	11.7
Year	1977	1977	1998	1981	1988	1977	1981	1977
Sunshine hours (h)								
Mean	8.7	8.7	8.8	9.3	8.9	9.1	9.3	9.0
Lowest Value	0.8	3.4	2.2	6.3	0.2	4.9	3.9	6.3
Year	1984	2008	2005	2002	1990	1989	1973	2005
Highest Value	11.2	11.3	11.0	11.2	11.0	10.9	10.8	10.8
Year	1989	1989	1989	1989	1976	1995	2009	1995

Table 39. Daily and weekly weather characteristics of meteorological week 39

Weather Variable	Date: September							Weekly Mean
	24	25	26	27	28	29	30	
	Julian Day							
	268	269	270	271	272	273	274	
Maximum Temperature (°C)								
Mean	36.5	36.4	36.4	36.5	37.0	36.7	36.9	36.6
Lowest Value	31.0	31.1	30.1	30.3	31.7	30.3	32.5	31.8
Year	1988	2005	2005	1988	2005	1975	2005	2005
Highest Value	40.3	40.6	42.1	41.5	41.0	40.5	41.0	40.5
Year	1974	1987	1987	1987	2001	2001	2001	2001
Minimum Temperature (°C)								
Mean	22.9	22.9	22.7	22.7	22.7	23.0	22.7	22.8
Lowest Value	17.5	16.3	17.1	17.7	17.0	16.5	16.0	17.6
Year	1994	1972	1972	1972	1994	1994	1994	1994
Highest Value	27.4	27.0	26.4	26.5	28.0	29.0	28.0	27.0
Year	1974	1987	1987	1999	1999	1999	1999	1999
Rainfall (mm)								
Mean	2.5	4.0	1.5	0.5	0.1	0.3	0.0	8.9
Highest Value	32.2	52.4	27.1	21.0	2.2	10.2	0.7	127.0
Year	1988	1988	1990	1988	1974	1978	1998	1988
Evaporation (mm)								
Mean	6.6	6.2	6.3	6.9	6.5	6.9	6.7	6.6
Lowest Value	0.0	0.0	0.0	1.5	3.6	3.2	2.9	3.0
Year	1989	2005	1990	1988	1993	2005	2010	2005
Highest Value	12.2	12.4	11.4	15.4	14.9	12.9	10.6	11.8
Year	1986	2009	1972	1987	1987	1987	1971	1987
RH-I (%)								
Mean	76	77	75	75	73	72	73	74
Lowest Value	42	42	41	44	42	46	43	48
Year	1972	1972	1972	1982	1973	2001	1972	1972
Highest Value	100	100	97	98	95	93	95	97
Year	1988	1988	1988	1988	1990	1988	1975	1988
RH-II (%)								
Mean	42	42	40	37	36	35	35	38
Lowest Value	17	13	15	16	15	16	15	17
Year	1972	1972	1972	1972	2000	2000	1985	1972
Highest Value	100	95	97	64	77	63	91	69
Year	2005	1988	1988	1990	1975	1988	1990	1988
Wind speed (kmph)								
Mean	6.1	5.7	5.6	5.2	5.5	5.7	5.3	5.6
Lowest Value	2.6	2.5	2.0	2.1	2.3	2.8	2.4	3.0
Year	1994	1994	1994	1973	1992	2010	1992	2010
Highest Value	14.2	10.2	11.1	12.7	16.5	13.3	15.4	11.3
Year	1981	2009	2009	1987	1987	1981	1981	1981
Sunshine hours (h)								
Mean	8.6	8.3	8.7	9.0	9.3	9.4	9.2	8.9
Lowest Value	0.8	0.0	0.3	1.4	3.1	5.6	3.3	4.9
Year	1988	1981	2007	2004	1971	1994	1978	1988
Highest Value	10.9	10.9	11.1	10.9	11.4	10.9	10.9	10.8
Year	1979	1979	1978	1978	2009	1989	1989	2009

Table 40. Daily and weekly weather characteristics of meteorological week 40

Weather Variable	Date: October							Weekly Mean
	1	2	3	4	5	6	7	
	Julian Day							
	275	276	277	278	279	280	281	
Maximum Temperature (°C)								
Mean	37.3	37.3	37.0	37.1	37.1	36.8	37.0	37.1
Lowest Value	33.0	32.4	30.5	31.0	30.0	30.7	32.1	32.5
Year	1997	1999	1999	1999	1997	1997	1985	1997
Highest Value	41.0	42.0	41.5	41.5	40.8	41.0	40.5	41.0
Year	1987	2009	1987	1987	1987	2000	2002	1987
Minimum Temperature (°C)								
Mean	22.4	22.3	21.8	21.6	21.0	21.2	21.3	21.7
Lowest Value	16.0	14.7	15.0	13.5	13.9	13.8	16.0	14.8
Year	1991	1991	1991	1991	1973	1991	1981	1991
Highest Value	27.2	26.7	27.4	26.5	26.2	27.8	25.4	25.5
Year	1988	1985	2009	1986	1987	1987	1998	1987
Rainfall (mm)								
Mean	0.8	0.6	0.9	0.0	0.6	0.0	0.1	3.0
Highest Value	18.6	22.6	37.2	0.0	18.4	0.0	3.0	47.2
Year	1990	1978	1975		1997		1985	1975
Evaporation (mm)								
Mean	6.7	7.0	7.1	6.9	7.3	6.6	7.2	7.0
Lowest Value	3.4	0.8	1.0	1.9	2.3	3.8	4.0	3.7
Year	1988	1978	1975	1973	1997	1999	2005	1975
Highest Value	13.7	17.1	11.2	16.0	11.7	12.0	13.2	10.8
Year	1982	1977	1986	1987	1972	1972	1987	1987
RH-I (%)								
Mean	71	72	70	68	68	69	67	69
Lowest Value	35	36	31	36	41	41	38	40
Year	2009	2002	2002	2002	2002	2002	1987	2002
Highest Value	97	97	98	93	96	95	94	94
Year	1973	1975	1975	1978	1973	1975	1985	1975
RH-II (%)								
Mean	33	35	32	32	32	28	28	31
Lowest Value	10	12	10	13	10	10	12	13
Year	1971	1985	1991	1991	1991	1991	1987	1991
Highest Value	64	89	70	69	67	68	64	66
Year	1999	1999	1975	1975	1975	1975	1985	1975
Wind speed (kmph)								
Mean	5.4	5.0	5.0	5.1	5.1	5.0	4.7	5.0
Lowest Value	2.1	2.2	2.7	2.6	2.5	2.6	2.3	2.6
Year	1994	2008	1999	2010	1994	2005	1995	1994
Highest Value	16.9	12.0	10.5	11.8	10.1	16.4	11.1	8.6
Year	1981	1981	2009	2009	2009	1985	1985	1981
Sunshine hours (h)								
Mean	9.1	9.2	9.1	9.1	9.4	9.6	9.3	9.3
Lowest Value	2.8	3.3	0.0	3.1	5.1	7.8	0.0	6.9
Year	2004	2006	1971	1971	1996	1996	1985	1971
Highest Value	10.9	10.7	11.0	10.7	10.8	10.7	10.8	10.6
Year	1995	1979	1976	2005	1976	1974	1989	1976

Table 41. Daily and weekly weather characteristics of meteorological week 41

Weather Variable	Date: October							Weekly Mean
	8	9	10	11	12	13	14	
	Julian Day							
	282	283	284	285	286	287	288	
Maximum Temperature (°C)								
Mean	37.1	37.0	37.2	36.5	36.6	36.3	36.5	36.7
Lowest Value	30.8	31.8	32.0	20.8	30.2	26.0	30.2	31.0
Year	1985	1985	1983	2004	2004	1974	1974	2004
Highest Value	41.3	41.6	42.0	41.0	40.9	40.1	40.1	40.9
Year	2002	2002	2002	2002	1987	2002	2002	2002
Minimum Temperature (°C)								
Mean	21.1	20.8	21.1	21.1	20.4	20.4	20.2	20.7
Lowest Value	15.0	15.2	15.5	15.4	14.4	14.5	14.1	15.7
Year	1994	1981	1984	1972	1984	1991	1984	1984
Highest Value	26.2	27.1	26.8	27.1	25.4	27.2	25.0	25.1
Year	1999	1999	1999	2001	1998	2009	1986	1998
Rainfall (mm)								
Mean	0.0	0.3	0.2	0.3	0.8	0.6	0.0	2.2
Highest Value	0.0	13.3	5.5	11.0	14.8	22.5	0.0	37.3
Year		1983	2004	2004	1974	1974		1974
Evaporation (mm)								
Mean	7.2	7.0	7.3	6.6	6.6	6.6	6.6	6.8
Lowest Value	4.6	2.9	2.0	2.5	1.8	1.5	2.0	4.2
Year	1975	1983	1983	2004	1999	1974	1974	1999
Highest Value	11.0	11.8	11.5	10.0	13.0	11.7	10.3	9.9
Year	1976	1974	1974	2002	1987	1977	1972	1987
RH-I (%)								
Mean	65	66	64	67	65	64	62	65
Lowest Value	39	29	28	33	34	31	31	33
Year	1987	1987	1987	1987	1984	1991	1987	1987
Highest Value	95	95	91	98	98	98	95	94
Year	1975	1983	2004	2004	1974	1974	1975	1975
RH-II (%)								
Mean	30	29	31	30	31	30	28	30
Lowest Value	11	12	13	8	8	9	10	12
Year	1984	1984	1984	1984	1991	1981	1987	1984
Highest Value	93	73	88	77	90	74	57	58
Year	1983	1983	2004	2001	1974	1974	2007	1974
Wind speed (kmph)								
Mean	5.1	4.9	5.4	5.3	5.2	4.7	4.6	5.1
Lowest Value	2.6	2.6	3.0	2.0	2.1	2.1	2.1	2.8
Year	1993	1993	1996	2008	2005	1997	1999	2005
Highest Value	12.1	10.1	12.0	15.9	15.3	8.9	7.4	9.6
Year	1988	1985	1998	1974	1974	1987	1983	1974
Sunshine hours (h)								
Mean	9.3	9.3	9.5	8.9	8.8	9.0	9.4	9.2
Lowest Value	0.0	2.6	1.3	2.3	2.7	4.7	6.8	6.7
Year	1985	1983	1983	1992	1999	2001	1971	1983
Highest Value	10.7	10.6	10.7	10.7	10.6	10.6	10.8	10.5
Year	2005	1989	1978	1979	1978	2006	1991	1978

Table 42. Daily and weekly weather characteristics of meteorological week 42

Weather Variable	Date: October							Weekly Mean
	15	16	17	18	19	20	21	
	Julian Day							
	289	290	291	292	293	294	295	
Maximum Temperature (°C)								
Mean	36.6	36.3	36.1	35.9	36.0	35.9	36.0	36.1
Lowest Value	32.6	30.7	31.0	26.5	29.1	29.8	30.6	30.9
Year	1971	1995	1998	1998	1998	1998	1997	1998
Highest Value	40.1	39.8	39.8	39.2	39.0	40.0	39.0	39.0
Year	2002	1982	1987	1987	2000	2000	2000	1980
Minimum Temperature (°C)								
Mean	19.8	19.0	18.7	18.5	18.1	17.8	18.2	18.6
Lowest Value	14.0	13.0	12.2	12.2	12.6	11.0	11.5	14.9
Year	1984	2007	1991	1991	1990	1994	1994	2007
Highest Value	29.6	24.3	25.5	26.4	24.8	23.6	24.7	24.1
Year	1998	1998	1974	1987	1998	1974	1998	1998
Rainfall (mm)								
Mean	0.6	0.1	0.6	1.7	0.0	0.1	0.0	3.1
Highest Value	17.0	3.5	17.5	36.6	0.0	3.2	0.0	39.6
Year	1997	1997	1997	1974		1971		1998
Evaporation (mm)								
Mean	6.3	6.4	6.7	6.4	6.2	6.4	6.3	6.4
Lowest Value	2.2	2.7	3.9	3.2	3.8	4.0	3.8	4.1
Year	1971	1997	1991	1994	2007	1998	1995	1998
Highest Value	11.1	12.9	11.4	12.9	9.8	9.9	10.7	9.1
Year	1972	1986	1988	1987	1982	1972	1982	1982
RH-I (%)								
Mean	64	60	60	61	60	59	58	60
Lowest Value	33	27	17	29	30	37	19	34
Year	1987	1987	2000	1998	2002	2002	1987	2000
Highest Value	96	91	89	93	90	89	93	87
Year	1995	1975	1994	1974	1974	1974	1975	1974
RH-II (%)								
Mean	28	26	26	27	26	25	27	26
Lowest Value	10	10	10	10	10	7	0	12
Year	1987	2000	1987	1978	1989	1987	2006	1987
Highest Value	86	60	60	87	70	77	95	72
Year	1998	1998	1998	1998	1998	1998	1975	1998
Wind speed (kmph)								
Mean	4.6	4.9	4.9	4.7	4.2	4.4	4.6	4.6
Lowest Value	2.0	2.3	2.2	1.8	2.1	2.1	1.9	2.6
Year	2007	2007	2006	1994	1997	2007	1996	2007
Highest Value	10.1	14.3	9.1	10.1	8.1	8.5	9.6	7.3
Year	1971	1998	1995	1974	1987	2006	1979	1971
Sunshine hours (h)								
Mean	9.3	9.4	9.3	9.6	9.8	9.8	9.8	9.6
Lowest Value	5.9	5.3	4.1	7.7	6.0	7.4	7.3	7.4
Year	1971	1995	1998	1983	1974	1983	1971	1998
Highest Value	10.6	10.7	10.8	10.8	10.7	10.7	10.8	10.7
Year	1990	1978	1988	1981	1978	1984	1978	1978

Table 43. Daily and weekly weather characteristics of meteorological week 43

Weather Variable	Date: October							Weekly Mean
	22	23	24	25	26	27	28	
	Julian Day							
	296	297	298	299	300	301	302	
Maximum Temperature (°C)								
Mean	35.8	35.3	34.7	35.1	35.2	35.2	35.2	35.2
Lowest Value	32.1	26.1	23.2	26.8	28.3	30.0	28.0	28.7
Year	1975	1974	1979	1975	1975	1975	1997	1975
Highest Value	39.0	38.2	37.7	39.3	38.3	39.1	40.0	37.8
Year	2000	2010	1981	1977	2008	2001	1987	1987
Minimum Temperature (°C)								
Mean	18.0	17.3	16.7	17.0	16.9	16.7	16.8	17.1
Lowest Value	13.2	12.9	11.0	12.6	11.9	9.8	10.5	12.5
Year	1985	2009	1990	2003	1972	1990	1983	1990
Highest Value	25.3	25.5	24.0	22.4	22.7	24.8	25.1	23.7
Year	1974	1998	1998	1998	1998	1998	1998	1998
Rainfall (mm)								
Mean	1.3	0.4	1.5	0.0	0.0	0.0	0.0	3.2
Highest Value	51.2	6.2	50.2	0.0	0.0	0.0	0.0	104.4
Year	1975	1979	1975					1975
Evaporation (mm)								
Mean	6.2	5.8	5.7	5.5	5.8	5.9	5.8	5.8
Lowest Value	0.0	2.3	0.0	2.1	3.2	3.1	2.7	2.2
Year	1975	1975	1975	1975	1975	1975	1998	1975
Highest Value	9.0	13.0	10.5	10.3	9.2	9.3	10.1	9.1
Year	1992	1977	1993	1981	1980	1982	1991	1977
RH-I (%)								
Mean	62	61	60	61	59	59	59	60
Lowest Value	32	31	29	31	34	13	25	35
Year	1985	1977	1981	1981	2002	1985	1987	1987
Highest Value	95	100	98	96	90	98	90	89
Year	1975	1975	1975	1975	1973	1975	1997	1975
RH-II (%)								
Mean	28	29	27	26	27	25	25	27
Lowest Value	10	7	6	7	8	6	10	9
Year	1987	1986	1986	1986	1986	1986	1987	1986
Highest Value	91	100	70	59	67	79	55	55
Year	1975	1975	1975	1973	1973	1998	1997	1975
Wind speed (kmph)								
Mean	4.9	4.7	4.8	3.8	4.2	4.0	4.4	4.4
Lowest Value	2.2	1.4	1.9	0.8	2.5	0.7	2.3	2.6
Year	2008	1998	2007	1973	1994	1973	2005	2003
Highest Value	12.1	11.8	18.3	6.9	8.7	7.8	9.4	7.1
Year	1976	1976	1975	1980	1981	1982	1973	1976
Sunshine hours (h)								
Mean	9.2	9.0	9.0	9.3	9.3	9.8	9.7	9.3
Lowest Value	1.9	0.9	0.0	0.2	1.7	8.1	7.1	4.7
Year	1975	1979	1996	1996	1996	1997	1972	1996
Highest Value	10.9	10.8	10.6	10.5	10.6	10.8	10.6	10.4
Year	1978	1978	1988	1974	1988	1990	1990	2003

Table 44. Daily and weekly weather characteristics of meteorological week 44

Weather Variable	Date: October-November							Weekly Mean
	29	30	31	1	2	3	4	
	Julian Day							
	303	304	305	306	307	308	309	
Maximum Temperature (°C)								
Mean	35.1	34.7	34.4	34.4	34.1	34.0	33.8	34.3
Lowest Value	28.8	28.8	27.7	26.6	26.8	29.0	20.4	29.7
Year	1975	1997	1995	1981	1981	1981	1981	1981
Highest Value	39.2	38.5	39.5	39.2	38.2	37.8	37.2	37.9
Year	1987	2001	2001	2001	2001	2001	2009	2001
Minimum Temperature (°C)								
Mean	16.7	16.1	16.2	15.7	15.3	15.3	15.6	15.8
Lowest Value	10.5	11.0	11.5	10.3	10.5	10.0	9.4	11.2
Year	1983	1992	1983	1995	1983	1981	1981	1983
Highest Value	24.6	24.8	24.9	25.3	26.7	25.0	24.1	24.9
Year	1998	1987	1998	1998	1998	1998	1998	1998
Rainfall (mm)								
Mean	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.6
Highest Value	0.0	0.0	1.4	0.0	2.8	18.8	1.4	23.0
Year			2010		1981	1981	1981	1981
Evaporation (mm)								
Mean	6.0	5.9	5.8	5.7	5.5	5.6	5.3	5.7
Lowest Value	3.7	4.0	2.4	2.5	1.1	0.6	0.8	3.6
Year	1986	2005	2010	1998	1981	1981	1981	1998
Highest Value	11.6	10.5	10.4	9.0	8.4	10.8	8.9	8.9
Year	1981	1987	1987	2009	1991	1993	1987	1987
RH-I (%)								
Mean	58	59	57	61	61	59	62	60
Lowest Value	24	30	15	27	27	32	37	35
Year	1987	2007	1974	1987	2007	2007	1985	1987
Highest Value	89	88	94	96	94	98	91	86
Year	1996	1975	1995	1973	1979	1981	1973	1979
RH-II (%)								
Mean	24	24	24	24	24	25	23	24
Lowest Value	9	7	9	8	9	7	8	9
Year	2007	2004	1991	2007	1991	1991	2007	1991
Highest Value	59	77	79	77	60	87	62	61
Year	1997	1998	1981	1981	1981	1981	1998	1998
Wind speed (kmph)								
Mean	4.1	4.2	4.4	4.4	4.3	4.5	4.2	4.3
Lowest Value	2.1	2.5	2.2	0.7	2.1	2.2	1.5	2.7
Year	2007	2006	1999	1999	1976	2005	1995	1999
Highest Value	7.9	11.3	10.8	13.7	15.2	19.8	7.6	11.9
Year	1981	1981	1981	1981	1981	1981	2001	1981
Sunshine hours (h)								
Mean	9.5	9.6	9.3	9.1	9.3	9.1	8.9	9.3
Lowest Value	7.1	5.2	1.4	0.2	1.3	1.5	0.9	4.6
Year	1972	2010	1995	1981	1981	1981	1981	1981
Highest Value	10.6	10.7	10.6	10.7	10.6	10.6	10.8	10.5
Year	1975	1979	1976	1979	1975	1975	1998	1975

Table 45. Daily and weekly weather characteristics of meteorological week 45

Weather Variable	Date: November							Weekly Mean
	5	6	7	8	9	10	11	
	Julian Day							
	310	311	312	313	314	315	316	
Maximum Temperature (°C)								
Mean	33.7	33.7	33.5	33.3	32.9	33.0	32.8	33.3
Lowest Value	25.3	28.8	30.3	24.4	24.8	22.3	27.3	29.9
Year	1981	1981	1981	1976	1982	1982	1982	1982
Highest Value	36.4	36.3	36.0	36.5	36.6	36.8	35.3	35.6
Year	1978	2002	1977	1993	2009	2007	2007	2008
Minimum Temperature (°C)								
Mean	15.2	15.0	14.5	14.8	14.4	14.2	14.4	14.7
Lowest Value	8.4	9.5	9.0	8.5	8.5	7.5	8.6	9.7
Year	1981	1981	1992	1992	1996	1983	1992	1992
Highest Value	23.8	21.5	22.5	21.4	22.0	21.7	23.5	22.0
Year	1998	1999	1998	1998	1998	2010	2010	1998
Rainfall (mm)								
Mean	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3
Highest Value	0.0	0.0	0.0	0.0	12.1	0.6	0.0	12.1
Year					1982	1991		1982
Evaporation (mm)								
Mean	5.4	5.3	5.6	5.1	5.1	4.6	4.9	5.1
Lowest Value	2.5	3.0	3.4	3.0	2.1	2.8	1.8	3.8
Year	1984	1981	1981	1988	1973	2004	2010	1981
Highest Value	9.2	9.4	10.0	8.3	12.3	6.8	7.8	7.6
Year	1971	1987	1976	1987	1986	1980	1980	1971
RH-I (%)								
Mean	60	57	59	59	61	60	61	60
Lowest Value	29	32	28	24	32	30	25	37
Year	1985	2000	1986	1986	1989	1996	1996	1986
Highest Value	95	91	92	91	92	94	96	84
Year	1981	1992	1979	1976	1976	1976	2010	1979
RH-II (%)								
Mean	25	22	26	29	28	26	25	26
Lowest Value	11	7	7	5	4	8	4	7
Year	1988	2005	1987	1987	1987	1987	1987	1987
Highest Value	84	70	74	84	89	70	76	61
Year	1992	1992	1992	1998	1998	1998	2010	1992
Wind speed (kmph)								
Mean	4.3	4.1	4.1	4.2	4.5	4.4	4.4	4.3
Lowest Value	2.0	1.7	1.7	1.8	2.1	2.0	2.0	2.2
Year	2007	2007	2008	2008	2006	2006	1972	2006
Highest Value	8.5	8.5	8.5	10.1	18.1	18.0	10.8	10.1
Year	1971	1971	1976	1976	1982	1982	2002	1982
Sunshine hours (h)								
Mean	9.5	9.7	9.5	9.2	9.2	8.9	9.2	9.3
Lowest Value	7.1	7.8	3.1	3.1	0.0	1.2	2.5	6.6
Year	1973	2002	2002	1976	1982	2010	2010	2002
Highest Value	10.6	10.7	10.6	10.6	10.5	10.4	10.4	10.5
Year	1980	1981	1980	1972	1974	1989	1990	1980

Table 46. Daily and weekly weather characteristics of meteorological week 46

Weather Variable	Date: November							Weekly Mean
	12	13	14	15	16	17	18	
	Julian Day							
	317	318	319	320	321	322	323	
Maximum Temperature (°C)								
Mean	32.3	31.7	31.8	32.2	32.1	31.9	31.0	31.9
Lowest Value	25.0	24.6	26.1	27.8	28.3	28.6	20.3	28.4
Year	2002	2009	2009	1981	1981	1974	1976	2009
Highest Value	35.7	36.0	36.5	35.8	35.5	35.0	34.5	34.6
Year	1976	1993	1989	1980	1987	2000	1989	1989
Minimum Temperature (°C)								
Mean	14.0	14.0	13.4	13.6	13.8	13.8	13.6	13.7
Lowest Value	7.0	9.0	9.0	8.0	5.5	5.6	6.8	8.3
Year	1994	1994	1994	1994	1996	1996	1996	1973
Highest Value	22.5	21.6	20.1	21.3	21.7	21.2	22.6	21.1
Year	2010	1998	2010	1998	1998	2010	1998	1998
Rainfall (mm)								
Mean	0.1	0.3	0.3	0.0	0.1	0.2	0.3	1.3
Highest Value	3.2	10.4	12.0	1.3	4.0	7.2	10.2	20.7
Year	1978	1978	2010	2010	2010	1979	1979	2010
Evaporation (mm)								
Mean	4.7	4.7	4.9	4.8	4.7	4.6	4.5	4.7
Lowest Value	1.5	2.0	1.3	1.9	2.2	2.4	1.3	2.2
Year	2010	2009	2010	2010	1998	2004	2010	2010
Highest Value	8.5	8.6	12.2	7.7	8.6	8.1	8.5	8.2
Year	2009	1981	1987	1989	1980	1987	1987	1987
RH-I (%)								
Mean	62	63	64	64	62	64	65	63
Lowest Value	32	35	41	35	31	30	31	39
Year	2000	1985	1985	1993	1985	1987	1996	1985
Highest Value	96	98	95	95	96	100	100	93
Year	1978	1978	2010	2010	2010	1976	1976	2010
RH-II (%)								
Mean	29	28	26	27	28	30	28	28
Lowest Value	8	11	10	6	10	5	5	8
Year	1987	1996	1987	1987	1996	1987	1987	1987
Highest Value	93	100	69	62	98	96	78	69
Year	1978	2010	2010	2010	1979	1979	1979	2010
Wind speed (kmph)								
Mean	4.6	4.7	4.2	4.1	4.1	4.1	4.2	4.3
Lowest Value	1.7	1.9	1.6	1.8	1.2	2.1	1.9	2.0
Year	2005	2007	2008	2007	1998	2008	2006	2007
Highest Value	10.7	12.4	7.5	7.2	9.3	8.2	8.3	7.0
Year	2009	2009	1987	1974	1980	1980	1979	1979
Sunshine hours (h)								
Mean	8.9	8.9	8.9	9.2	9.0	8.6	8.4	8.8
Lowest Value	1.2	0.1	2.4	4.1	2.6	0.0	0.0	4.3
Year	2010	2009	2009	2010	1993	1971	1976	2010
Highest Value	10.4	10.2	10.6	10.9	10.9	10.8	10.8	10.6
Year	1990	1975	1981	1981	1981	1981	1981	1981

Table 47. Daily and weekly weather characteristics of meteorological week 47

Weather Variable	Date: November							Weekly Mean
	19	20	21	22	23	24	25	
	Julian Day							
	324	325	326	327	328	329	330	
Maximum Temperature (°C)								
Mean	31.3	31.2	30.6	30.8	30.5	30.1	29.7	30.6
Lowest Value	22.4	26.1	24.8	24.5	22.6	19.3	19.5	25.6
Year	1979	2003	1996	1979	2010	2010	2010	2010
Highest Value	35.0	34.6	34.5	34.8	34.6	33.3	33.6	33.5
Year	1989	1989	1978	1978	1978	2002	1980	2001
Minimum Temperature (°C)								
Mean	13.2	12.3	12.3	12.8	12.4	12.1	11.9	12.4
Lowest Value	6.7	5.5	6.8	7.5	7.0	5.5	6.9	7.6
Year	1996	1996	1981	1996	1994	1992	1975	1996
Highest Value	22.0	21.8	22.0	20.0	18.6	19.8	20.0	20.2
Year	1998	1998	1998	1998	1979	1998	1976	1998
Rainfall (mm)								
Mean	0.0	0.0	0.4	0.0	0.7	0.3	0.2	1.7
Highest Value	0.0	1.0	8.2	1.2	26.5	9.6	4.3	40.4
Year		1976	1979	1979	2010	2010	2010	2010
Evaporation (mm)								
Mean	4.5	4.7	4.1	4.4	4.5	4.3	4.1	4.4
Lowest Value	2.7	2.1	0.9	1.5	1.7	0.4	0.3	2.5
Year	2010	1994	1976	1973	2010	2010	1976	2010
Highest Value	6.7	9.7	7.3	8.0	7.2	7.5	7.5	6.6
Year	1978	1987	1993	1993	1972	1978	1972	1980
RH-I (%)								
Mean	65	63	64	63	62	62	65	64
Lowest Value	35	28	35	29	34	26	29	34
Year	1993	1996	1996	1987	1987	1987	1987	1987
Highest Value	98	96	100	94	96	100	100	93
Year	2010	2001	1979	1979	2010	1976	1976	1976
RH-II (%)								
Mean	28	29	27	30	28	30	29	29
Lowest Value	2	9	5	6	6	6	5	7
Year	1974	1987	1987	1987	1987	1987	1987	1987
Highest Value	74	84	80	96	77	80	78	67
Year	1992	1976	1979	2010	2010	2010	2010	1976
Wind speed (kmph)								
Mean	4.4	4.3	4.5	4.2	4.8	4.6	4.4	4.5
Lowest Value	1.9	2.3	1.5	1.2	1.5	1.8	1.7	2.1
Year	2006	2005	2007	1998	1973	1998	2007	2007
Highest Value	8.3	7.8	12.6	9.3	11.6	11.5	8.4	8.7
Year	1987	1977	1976	1977	1997	1976	2003	1976
Sunshine hours (h)								
Mean	9.0	9.3	8.9	8.9	8.8	8.9	8.3	8.9
Lowest Value	0.0	3.1	0.8	0.1	0.0	0.0	0.0	3.5
Year	1979	1997	1976	1979	2010	2010	2010	1976
Highest Value	10.5	10.8	10.6	10.3	10.2	10.3	10.3	10.4
Year	1981	1981	1981	1973	1981	1981	1981	1981

Table 48. Daily and weekly weather characteristics of meteorological week 48

Weather Variable	Date: November-December							Weekly Mean
	26	27	28	29	30	1	2	
	Julian Day							
	331	332	333	334	335	336	337	
Maximum Temperature (°C)								
Mean	29.6	29.6	29.1	28.8	29.1	28.9	29.0	29.2
Lowest Value	23.4	21.8	22.0	22.3	21.3	20.9	19.5	24.5
Year	1997	1997	1972	2005	2005	2005	2005	1997
Highest Value	34.8	34.1	33.0	36.7	35.5	36.5	33.3	33.0
Year	1977	2008	2002	1995	1995	1995	1995	1995
Minimum Temperature (°C)								
Mean	11.3	10.7	10.1	10.5	10.5	10.1	10.1	10.5
Lowest Value	5.2	5.2	5.4	5.7	5.6	4.5	4.5	6.4
Year	1992	1988	1996	1975	1981	1995	2000	1975
Highest Value	20.1	19.0	19.2	18.7	17.2	15.2	15.7	15.9
Year	1998	1979	1979	1977	1999	1999	1976	1999
Rainfall (mm)								
Mean	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Highest Value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Year								
Evaporation (mm)								
Mean	4.4	4.2	4.2	4.3	4.1	4.4	4.1	4.2
Lowest Value	1.7	2.0	1.8	2.2	1.8	1.2	2.0	2.2
Year	2010	2010	2000	1979	1993	2008	2010	2010
Highest Value	7.7	6.3	7.5	8.3	7.6	8.9	7.6	6.1
Year	1986	1971	1986	1978	1978	1989	1989	1989
RH-I (%)								
Mean	63	64	66	64	62	67	65	64
Lowest Value	35	32	41	33	24	36	33	39
Year	1987	1998	2009	1974	1987	1987	2002	1987
Highest Value	96	95	91	100	100	98	98	93
Year	1976	1977	1977	1979	1979	1978	1978	1979
RH-II (%)								
Mean	27	28	25	28	26	29	26	27
Lowest Value	11	8	9	9	10	8	7	11
Year	2002	1993	1993	1993	1982	2000	1998	1987
Highest Value	91	82	70	55	54	100	51	57
Year	1976	1979	1979	1998	1997	1977	1979	1979
Wind speed (kmph)								
Mean	4.1	4.5	4.4	4.8	4.5	4.5	4.8	4.5
Lowest Value	0.6	1.5	1.4	0.5	2.2	2.2	1.8	2.5
Year	1998	1999	2007	1975	1994	1994	2008	2007
Highest Value	8.2	11.6	10.7	8.7	8.2	9.4	9.6	7.2
Year	1979	1979	1979	1978	1997	1981	1981	1979
Sunshine hours (h)								
Mean	9.0	9.2	9.2	9.4	9.3	9.1	9.1	9.2
Lowest Value	2.7	1.8	1.2	3.0	6.2	0.0	6.7	6.6
Year	2010	1991	1979	1979	2002	2008	2008	1979
Highest Value	10.4	10.5	10.1	10.6	10.1	10.1	10.1	10.0
Year	1981	1981	2003	1981	1972	1972	1972	1972

Table 49. Daily and weekly weather characteristics of meteorological week 49

Weather Variable	Date: December							Weekly Mean
	3	4	5	6	7	8	9	
	Julian Day							
	338	339	340	341	342	343	344	
Maximum Temperature (°C)								
Mean	28.7	28.7	28.4	28.5	28.5	28.5	28.3	28.5
Lowest Value	22.8	22.8	21.2	22.2	23.8	21.5	21.2	24.2
Year	1974	1978	2005	2005	1973	1997	2005	1997
Highest Value	32.8	34.3	35.3	35.6	32.8	33.1	34.6	33.9
Year	2008	2008	2008	2008	1986	2008	2008	2008
Minimum Temperature (°C)								
Mean	10.3	9.6	9.7	9.6	9.5	9.5	9.2	9.6
Lowest Value	5.5	1.6	4.8	5.5	4.9	4.7	2.8	5.9
Year	2000	1981	1995	1990	1973	1975	1996	1973
Highest Value	16.0	15.8	16.8	20.5	17.5	16.5	17.3	16.3
Year	1999	1999	1999	2008	1999	1999	2003	1999
Rainfall (mm)								
Mean	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Highest Value	0.1	0.0	0.0	0.0	0.0	5.4	0.0	5.4
Year	1974					1997		1997
Evaporation (mm)								
Mean	4.1	4.2	4.4	4.2	4.1	4.2	4.2	4.2
Lowest Value	2.4	2.3	2.4	2.0	2.0	1.9	2.5	2.7
Year	2010	2007	2001	2010	2006	2006	2005	2010
Highest Value	5.9	8.1	9.4	7.5	6.8	9.0	7.7	6.5
Year	1988	1987	1987	1981	1987	2009	1986	1987
RH-I (%)								
Mean	66	65	64	64	65	63	64	64
Lowest Value	35	39	33	30	27	32	36	37
Year	2006	1987	1993	1987	1987	1987	1996	1987
Highest Value	100	92	93	94	94	94	97	90
Year	1974	2010	1979	1975	1975	1997	2010	1975
RH-II (%)								
Mean	28	26	26	27	28	24	24	26
Lowest Value	10	12	9	10	5	7	7	10
Year	1993	2000	1986	1993	1998	1998	1996	1993
Highest Value	58	54	87	86	76	77	72	54
Year	1977	1977	2006	1977	1997	1997	1997	1997
Wind speed (kmph)								
Mean	4.6	4.5	4.5	4.7	4.3	4.4	4.6	4.5
Lowest Value	1.1	1.8	1.9	2.3	1.2	1.4	1.4	2.3
Year	1973	2003	2003	2001	1998	1998	2000	1998
Highest Value	9.0	9.9	11.5	11.4	7.7	8.9	9.3	8.0
Year	1978	1987	1987	1981	1978	2009	1985	1981
Sunshine hours (h)								
Mean	9.1	9.3	9.1	9.3	9.1	9.0	9.1	9.1
Lowest Value	1.6	7.4	4.7	7.3	4.5	5.5	5.9	7.1
Year	1974	1987	2006	1996	2008	2008	1982	2006
Highest Value	10.1	10.0	10.1	10.1	10.0	10.0	10.1	10.0
Year	1972	1998	1978	1978	1990	1980	1980	1978

Table 50. Daily and weekly weather characteristics of meteorological week 50

Weather Variable	Date: December							Weekly Mean
	10	11	12	13	14	15	16	
	Julian Day							
	345	346	347	348	349	350	351	
Maximum Temperature (°C)								
Mean	28.3	27.9	27.2	27.5	27.4	27.7	27.8	27.7
Lowest Value	20.6	23.0	21.5	20.5	20.5	19.3	20.3	23.2
Year	1997	2010	1987	2007	1986	1986	1986	1997
Highest Value	33.3	32.6	31.8	32.8	32.8	31.8	34.3	31.0
Year	2001	1984	1984	1984	1988	2002	2002	1988
Minimum Temperature (°C)								
Mean	8.8	8.9	9.2	9.1	8.8	9.6	9.2	9.1
Lowest Value	2.3	2.5	3.8	4.1	0.3	0.9	3.4	3.4
Year	1996	1994	2010	1996	1986	1986	2007	1996
Highest Value	14.8	14.5	14.5	13.8	14.5	16.8	17.9	13.9
Year	1999	2001	1984	1999	1983	1974	2008	1999
Rainfall (mm)								
Mean	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.5
Highest Value	0.0	0.0	13.1	0.0	0.0	0.0	7.8	13.1
Year			1987				1985	1987
Evaporation (mm)								
Mean	4.4	4.1	3.8	4.1	4.0	3.8	3.9	4.0
Lowest Value	2.1	2.0	1.9	2.3	1.8	1.2	1.1	2.4
Year	2006	1973	2010	2007	2007	1987	1987	2010
Highest Value	7.1	7.7	7.8	8.6	8.0	8.3	7.3	5.9
Year	1987	1986	1987	1986	1986	1974	1978	1971
RH-I (%)								
Mean	67	69	70	69	70	68	69	69
Lowest Value	35	43	48	47	50	47	35	51
Year	1996	1988	2002	2002	2006	1981	1986	1980
Highest Value	97	97	100	97	91	95	97	91
Year	2010	2010	1987	1992	1975	2003	2003	2010
RH-II (%)								
Mean	25	27	27	28	26	27	28	27
Lowest Value	4	7	7	7	11	8	11	10
Year	1996	1996	1996	1996	1996	1996	1994	1996
Highest Value	63	68	66	67	53	56	61	53
Year	2008	1987	1987	1997	1997	1985	1997	1997
Wind speed (kmph)								
Mean	4.6	4.5	4.7	4.7	4.5	4.4	4.4	4.6
Lowest Value	0.9	2.1	0.7	2.1	2.1	1.9	1.7	2.6
Year	2007	2004	1998	2000	2000	2001	1996	2000
Highest Value	8.8	9.4	14.2	9.2	9.3	12.3	9.1	7.4
Year	1985	1985	1987	1986	1986	1974	1982	1982
Sunshine hours (h)								
Mean	9.2	8.8	8.8	9.2	9.0	8.9	8.7	8.9
Lowest Value	5.5	0.8	0.1	6.3	6.5	4.3	4.4	7.1
Year	1982	1987	1987	2007	1985	1998	1985	1987
Highest Value	10.1	10.1	10.0	10.2	10.0	10.0	10.0	10.0
Year	1978	1978	1993	1978	1987	1987	1987	1976

Table 51. Daily and weekly weather characteristics of meteorological week 51

Weather Variable	Date: December							Weekly Mean
	17	18	19	20	21	22	23	
	Julian Day							
	352	353	354	355	356	357	358	
Maximum Temperature (°C)								
Mean	27.7	27.6	27.4	27.3	26.9	26.8	26.6	27.2
Lowest Value	20.8	20.3	18.8	20.6	20.4	21.2	22.0	21.3
Year	1997	1997	1986	1974	1974	2005	1989	1986
Highest Value	33.7	33.4	32.3	31.3	31.8	30.8	30.0	31.4
Year	2002	2002	2004	1980	1980	1980	1971	2002
Minimum Temperature (°C)								
Mean	8.8	8.5	9.0	9.1	8.9	8.6	8.3	8.7
Lowest Value	3.1	2.0	1.9	3.1	2.9	2.0	1.9	3.2
Year	2005	1986	1973	2005	2005	1986	1973	2005
Highest Value	14.6	14.5	18.3	21.1	16.0	15.6	13.3	14.2
Year	2002	1988	2008	2008	2008	1971	2007	2008
Rainfall (mm)								
Mean	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.4
Highest Value	0.0	0.0	0.0	0.0	0.0	13.3	2.1	15.4
Year						1980	1980	1980
Evaporation (mm)								
Mean	3.8	4.0	4.1	4.3	4.0	3.9	3.8	4.0
Lowest Value	2.2	2.0	2.0	2.1	1.8	1.5	1.9	2.3
Year	1997	2010	2010	1990	2005	1988	2010	2005
Highest Value	6.2	6.4	7.6	8.3	7.1	7.2	7.5	6.3
Year	1980	1972	1992	1981	1981	1978	1992	1981
RH-I (%)								
Mean	68	69	67	68	69	70	72	69
Lowest Value	38	44	40	40	32	48	45	45
Year	1980	1984	1986	1986	1993	1984	1984	1984
Highest Value	93	93	92	88	97	100	97	85
Year	1997	1973	1973	2003	1989	1989	1980	1997
RH-II (%)								
Mean	29	26	27	29	31	30	31	29
Lowest Value	12	9	7	9	11	9	11	11
Year	1992	1971	1984	1980	1986	1985	1993	1984
Highest Value	56	51	44	57	68	80	58	46
Year	1997	1998	2009	2009	2008	1980	1980	1998
Wind speed (kmph)								
Mean	4.8	5.0	4.8	5.4	5.3	5.0	4.8	5.0
Lowest Value	1.6	1.4	2.3	1.1	2.0	2.6	2.0	2.5
Year	2010	1998	2010	1998	2007	1994	2000	2010
Highest Value	11.0	9.5	13.2	11.5	9.6	10.1	9.0	9.5
Year	2008	1973	1981	1981	1974	1981	1980	1981
Sunshine hours (h)								
Mean	8.6	9.1	8.9	8.8	8.8	8.3	8.6	8.7
Lowest Value	2.3	7.3	0.4	3.2	2.0	3.3	1.8	4.1
Year	1998	2009	2008	2008	2008	2008	1971	2008
Highest Value	10.0	10.0	10.0	10.0	10.0	10.1	10.0	9.7
Year	1987	1976	1987	1987	1976	2001	2001	2002

Table 52. Daily and weekly weather characteristics of meteorological week 52

Weather Variable	Date: December								Weekly Mean
	24	25	26	27	28	29	30	31	
	Julian Day								
	359	360	361	362	363	364	365	366	
Maximum Temperature (°C)									
Mean	26.5	26.6	26.0	25.9	25.9	25.6	25.7	25.6	26.0
Lowest Value	19.5	21.0	16.8	17.8	19.8	20.4	20.4	18.5	21.7
Year	1980	1991	1980	2004	1983	2003	1977	1990	1980
Highest Value	30.0	30.6	31.1	30.5	30.3	30.4	29.8	29.2	29.2
Year	2000	1985	2008	2008	2000	2004	2000	1992	2008
Minimum Temperature (°C)									
Mean	8.6	8.3	8.2	8.3	8.0	7.7	7.7	7.7	8.1
Lowest Value	1.6	2.8	3.2	2.4	2.0	2.2	1.1	-2.5	4.9
Year	2005	2005	1988	1983	1983	1994	1990	1990	1973
Highest Value	17.0	15.5	16.5	17.5	14.0	14.5	16.1	19.8	14.4
Year	1999	1987	2006	1982	1999	2010	2004	2004	1999
Rainfall (mm)									
Mean	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.4
Highest Value	0.2	0.0	0.0	0.0	0.4	4.0	0.4	10.0	10.0
Year	1991				1982	2010	2010	2002	2002
Evaporation (mm)									
Mean	3.7	3.9	3.9	3.9	3.7	3.7	3.7	3.7	3.8
Lowest Value	1.9	1.8	1.4	2.0	1.1	2.2	0.8	1.0	2.0
Year	1980	1999	2001	1998	2010	2010	2010	2002	2010
Highest Value	7.9	7.2	9.0	8.0	7.0	6.0	6.8	7.5	6.3
Year	1993	1992	1992	2000	1984	1971	1971	2000	1971
RH-I (%)									
Mean	68	69	71	68	71	72	67	68	69
Lowest Value	31	30	42	36	37	39	41	36	43
Year	1984	1984	1984	1984	1993	1984	2002	1996	1984
Highest Value	98	97	100	100	97	97	100	95	92
Year	1991	1994	1989	1977	1994	2003	2010	1980	1975
RH-II (%)									
Mean	29	31	30	31	31	31	29	28	30
Lowest Value	6	8	9	9	10	12	13	11	17
Year	1985	1993	1993	1993	2000	1973	1986	1991	1978
Highest Value	70	68	67	61	91	86	81	69	55
Year	1980	1980	1972	1972	2010	1998	2010	1997	1980
Wind speed (kmph)									
Mean	4.5	4.9	5.1	5.3	5.4	5.1	5.2	4.7	5.0
Lowest Value	1.1	1.6	1.5	2.2	2.1	1.5	1.3	2.2	2.1
Year	1992	2008	2008	2005	1998	1998	1998	1999	2008
Highest Value	9.7	9.5	11.4	10.6	9.7	9.5	13.0	7.8	8.2
Year	1983	1979	1973	1984	1980	2010	1973	1985	1973
Sunshine hours (h)									
Mean	8.5	8.7	8.5	8.8	8.7	8.8	8.6	8.6	8.6
Lowest Value	1.0	3.9	5.0	3.1	3.4	0.0	1.6	0.5	5.8
Year	2007	1999	1981	1985	1972	2010	1979	2004	2010
Highest Value	10.0	10.0	9.9	10.0	10.1	10.0	10.0	10.0	9.9
Year	1975	2001	1982	1978	1978	1976	2003	2000	1978

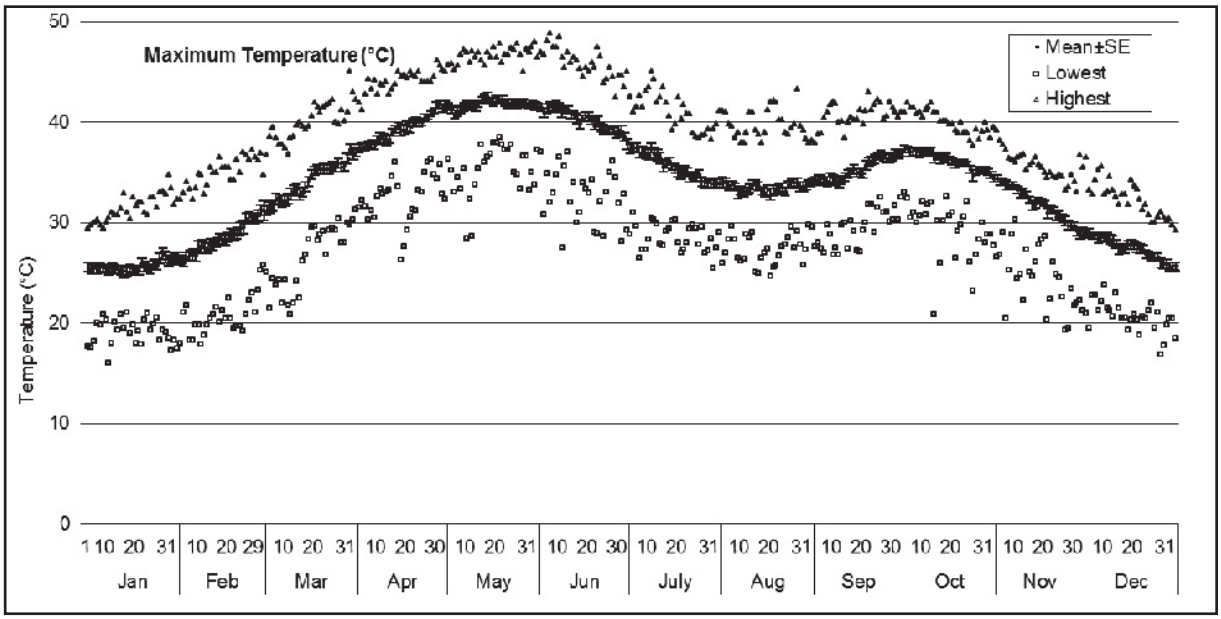

Fig. 1. Daily mean±SE, highest and lowest maximum temperature (°C).

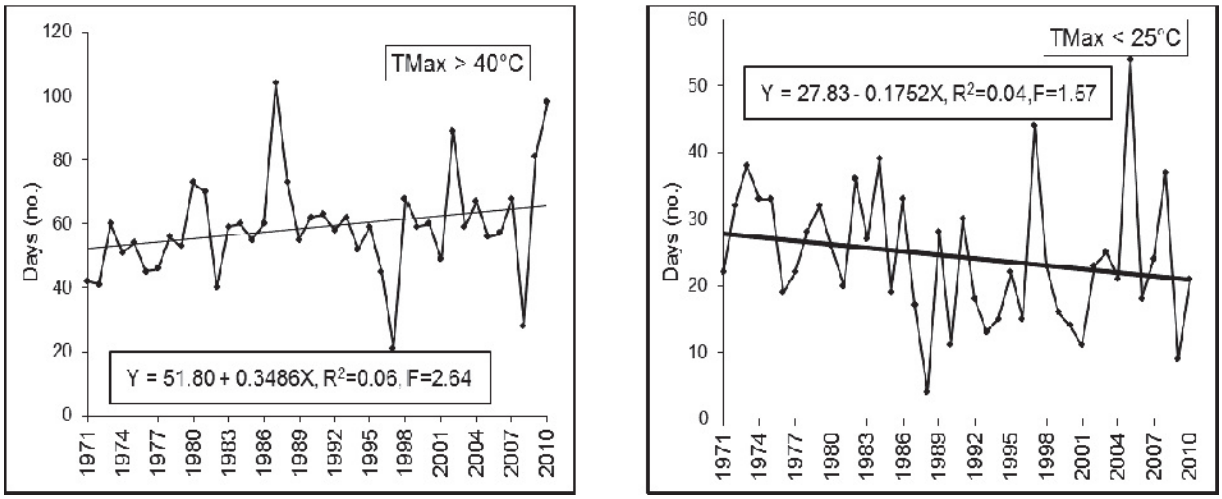

Fig. 2. Number of days in a year with maximum temperature above 40°C (left) and below 25°C (right).

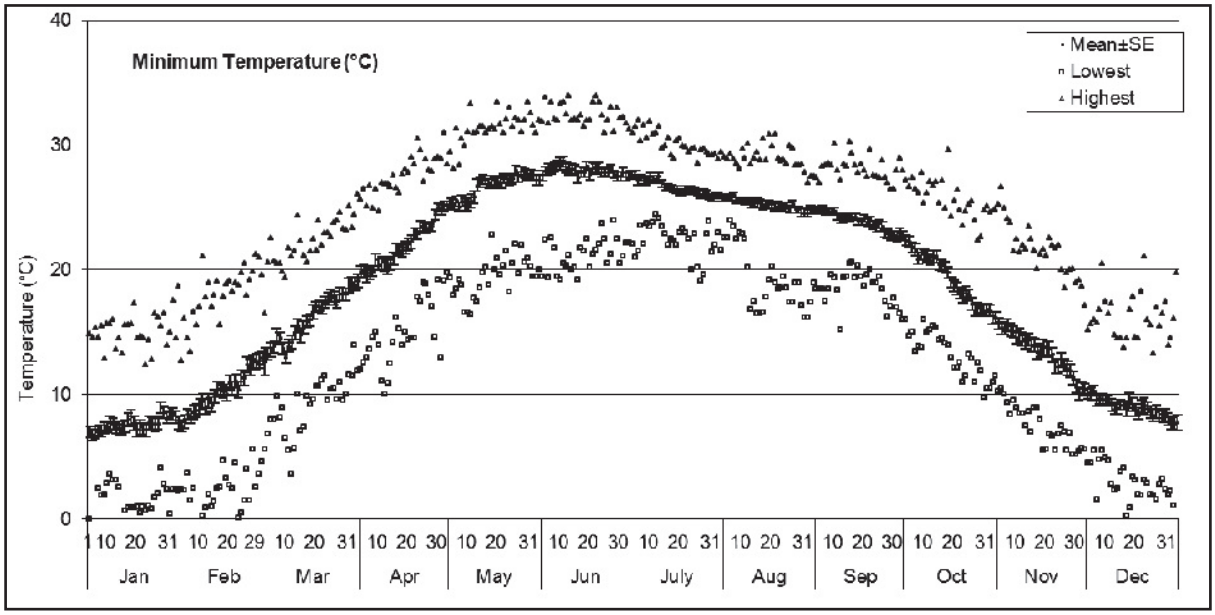

Fig. 3. Daily mean±SE, highest and lowest minimum temperature (°C).

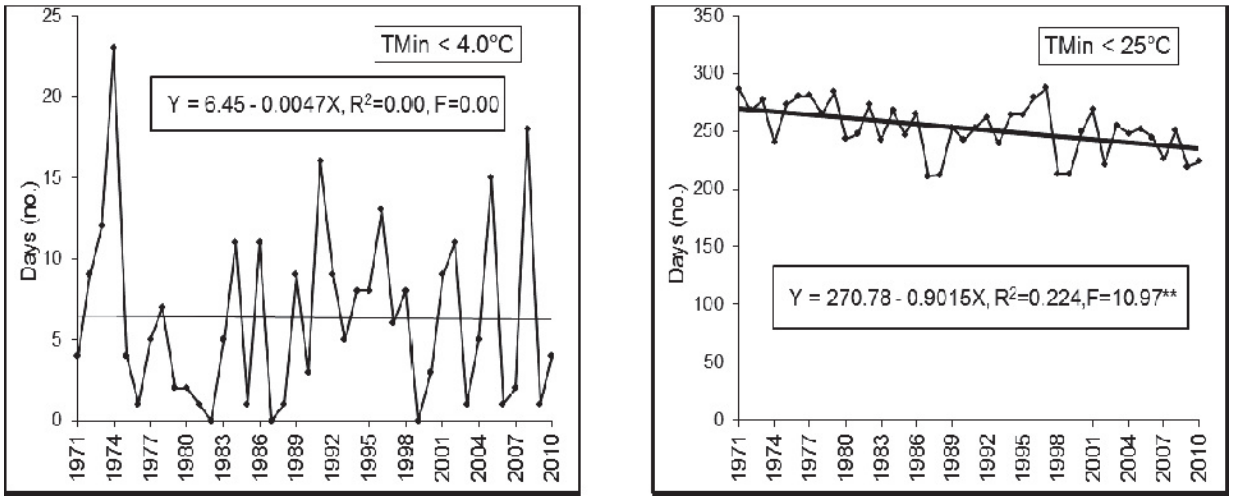

Fig. 4. Number of days in a year with minimum temperature below 4°C (left) and below 25°C (right).

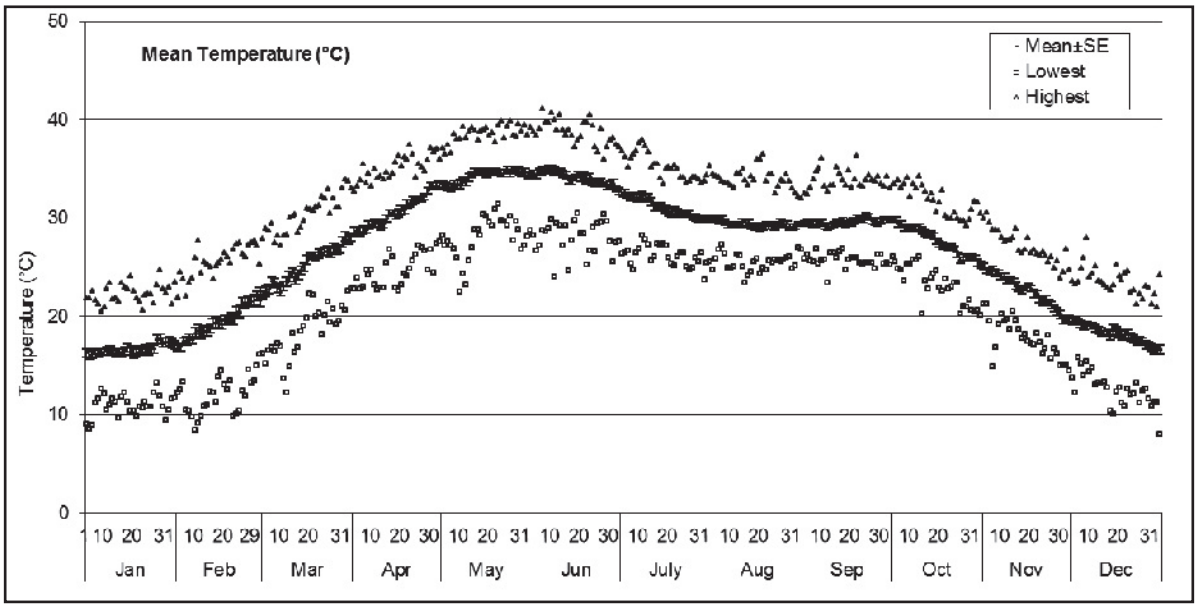

Fig. 5. Daily mean±SE, highest and lowest mean temperature (°C).

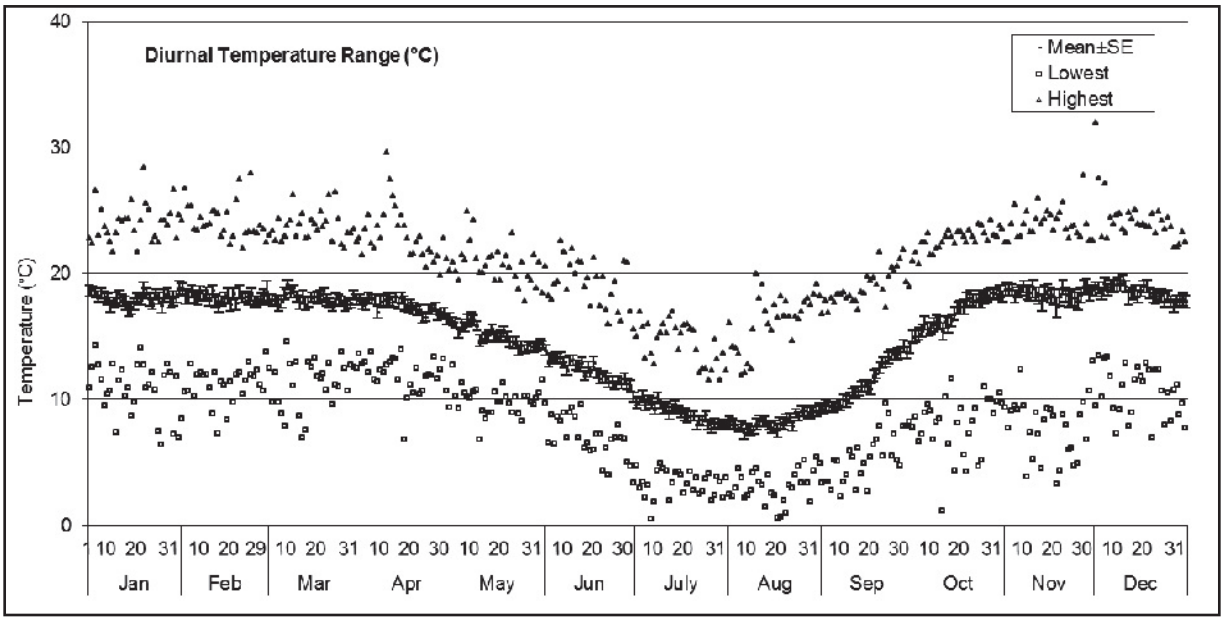

Fig. 6. Daily mean±SE, highest and lowest diurnal temperature range (°C).

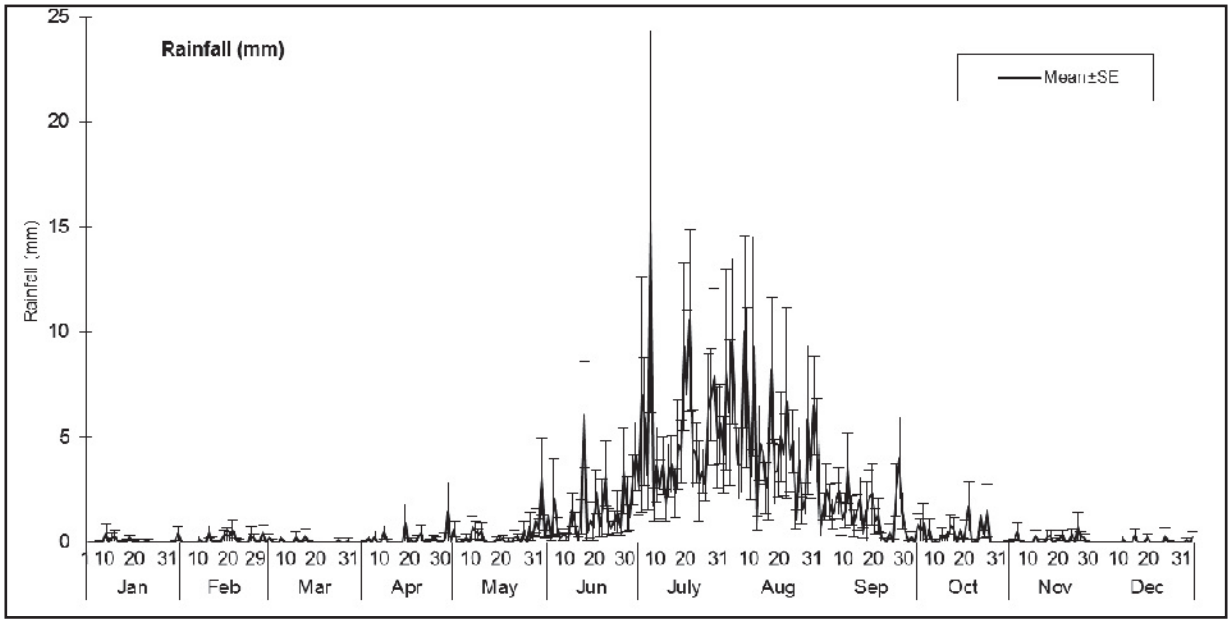

Fig. 7. Daily mean (±SE) rainfall (mm).

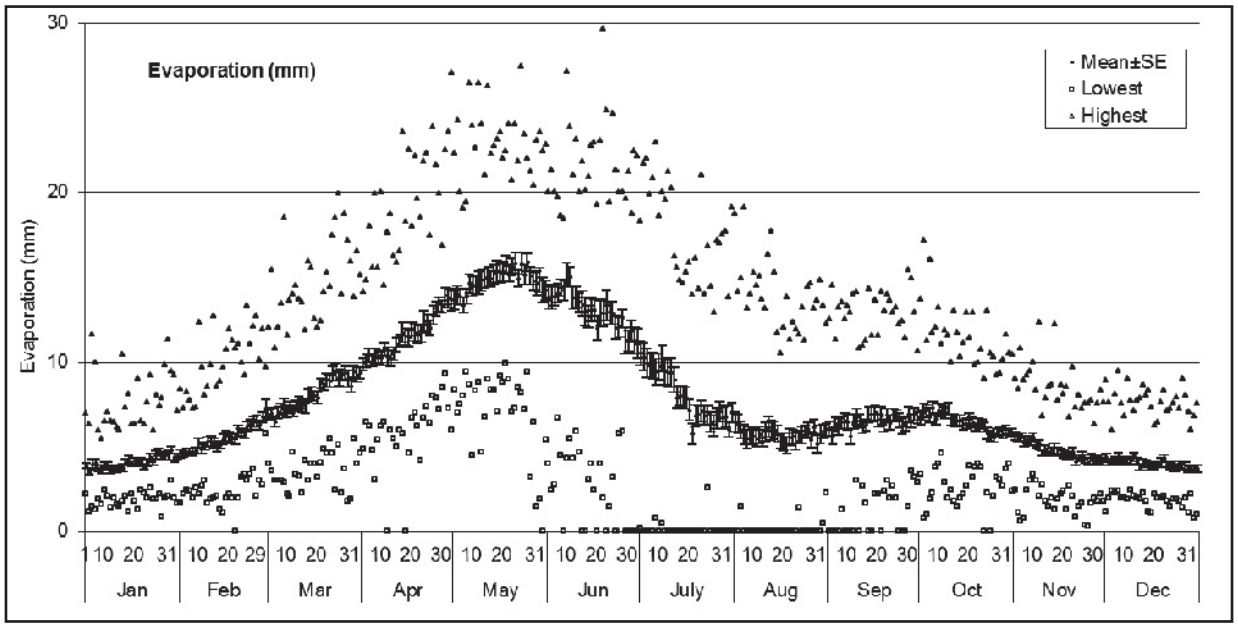

Fig. 8. Daily mean±SE, highest and lowest evaporation (mm).

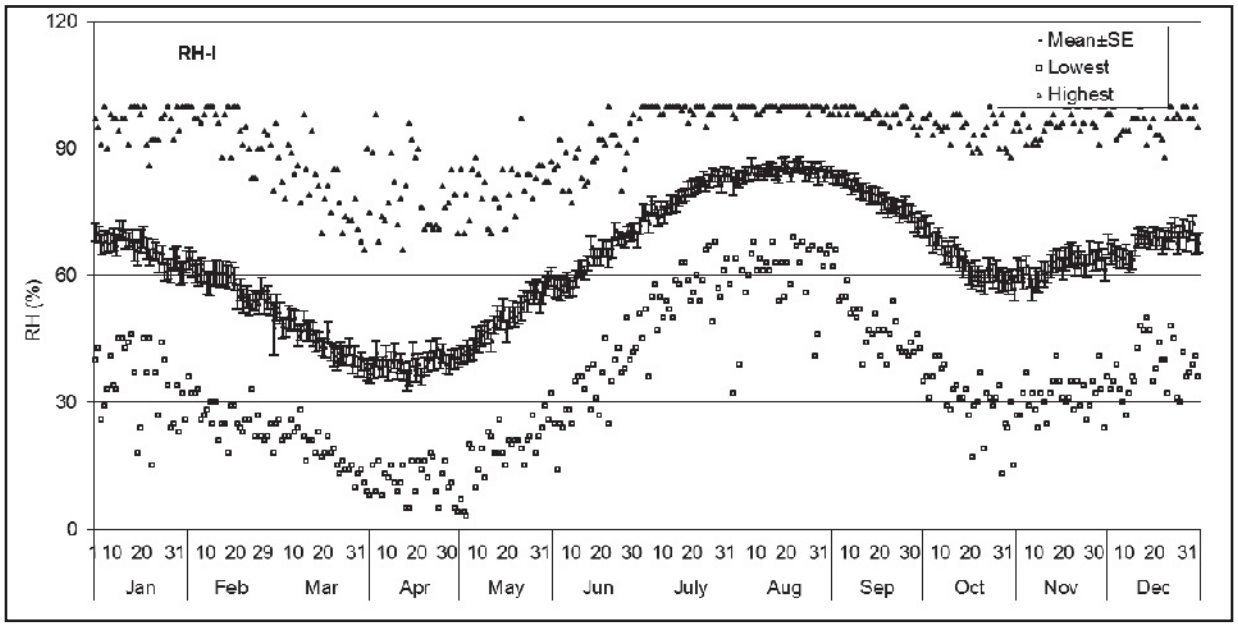

Fig. 9. Daily mean±SE, highest and lowest RH-I (%).

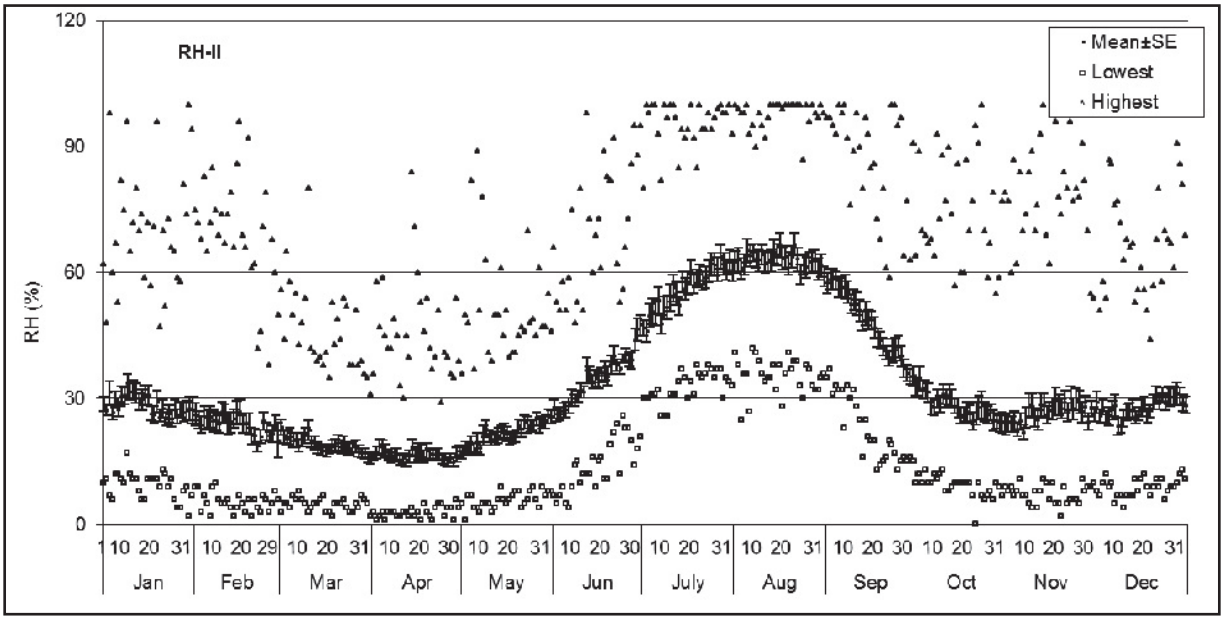

Fig. 10. Daily mean±SE, highest and lowest RH-II (%).

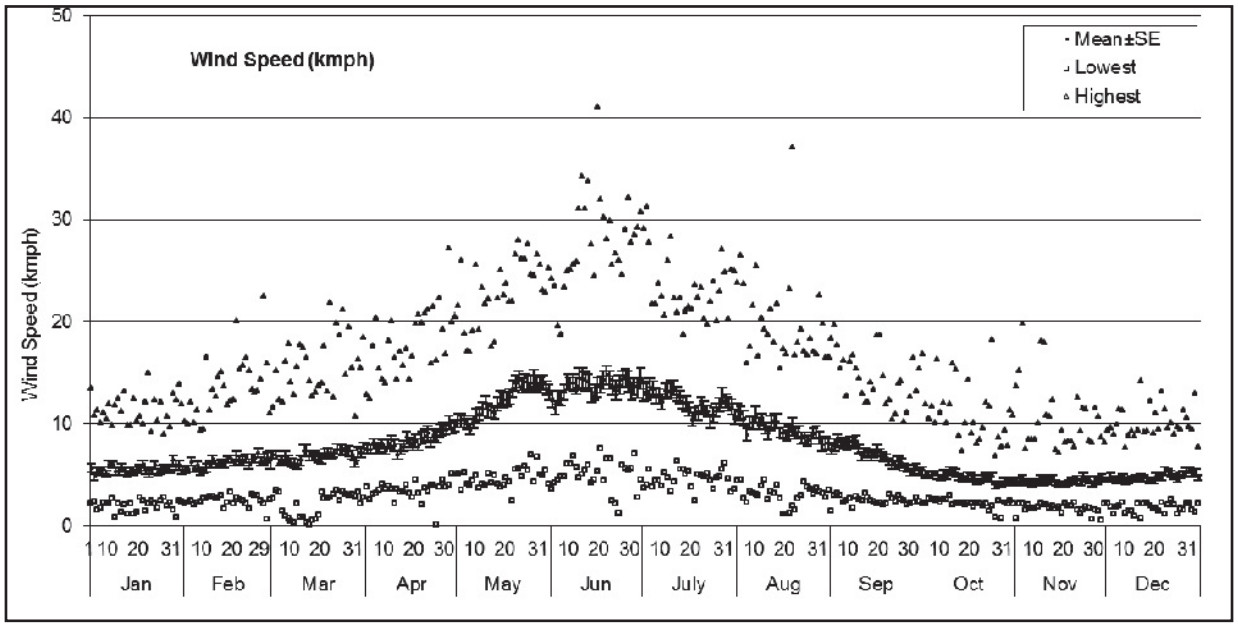

Fig. 11. Daily mean±SE, highest and lowest wind speed (kmph).

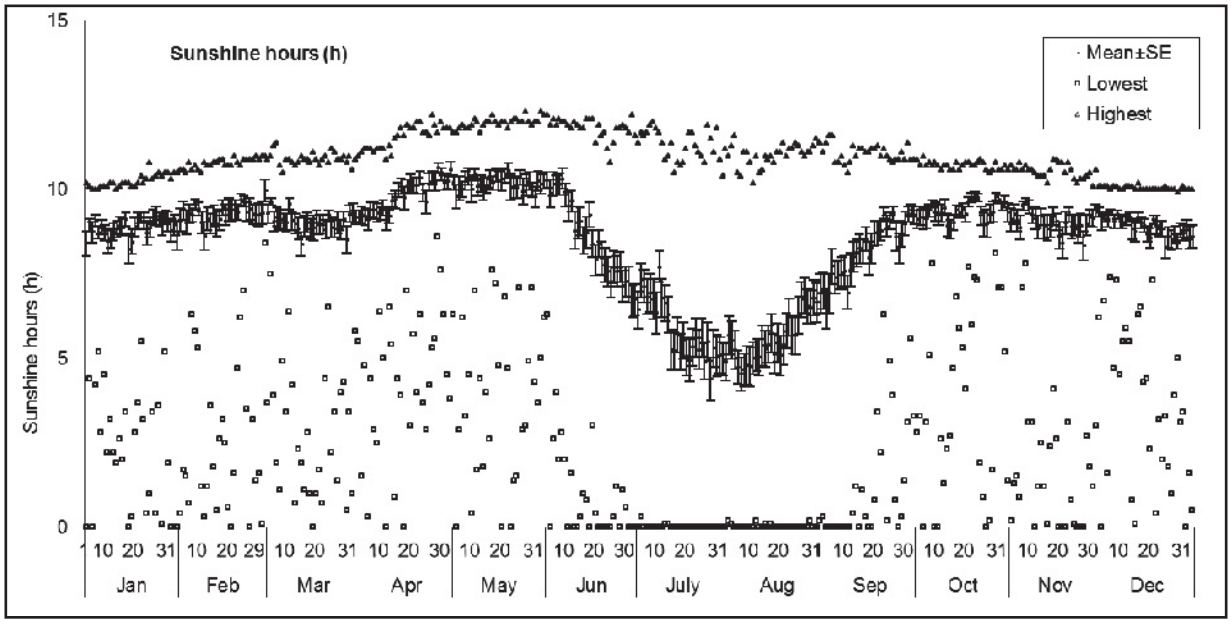

Fig. 12. Daily mean±SE, highest and lowest sunshine hours (h).

Table 53. Weekly mean, standard error, CV and trend of maximum temperature (°C)

Week	Mean	SE	CV	Regression equation	R^2	F#
1	25.4	0.31	7.60	$Y = 25.71*X^{-0.0050}$	0.003	0.12
2	25.2	0.31	7.80	$Y = 24.87 + 0.0183X$	0.012	0.45
3	25.5	0.32	7.95	$Y = 25.88 - 0.1372X + 0.00440X^2$	0.131	2.8
4	26.2	0.44	10.55	$Y = 23.98 + 0.7883LogX$	0.062	2.52
5	26.4	0.39	9.35	$Y = 23.12 + 1.1932LogX$	0.178	8.23**##
6	27.3	0.46	10.61	$Y = 24.40 + 1.0687LogX$	0.104	4.39*#
7	28.3	0.39	8.69	$Y = 26.51*X^{0.0224}$	0.052	2.09
8	29.7	0.46	9.81	$Y = 30.92 - 0.2593X + 0.00745X^2$	0.129	2.75
9	31.3	0.40	8.02	$Y = 29.53 + 0.0862X$	0.161	7.29*
10	32.6	0.43	8.41	$Y = 30.80*X^{0.0194}$	0.038	1.48
11	34.1	0.38	7.03	$Y = 33.07 + 0.0512X$	0.062	2.52
12	35.5	0.37	6.64	$Y = 36.58 - 0.2452X + 0.00711X^2$	0.186	4.22*
13	36.6	0.39	6.76	$Y = 38.64 - 0.3052X + 0.00758X^2$	0.138	2.95
14	37.9	0.32	5.28	$Y = 38.43 - 0.1426X + 0.00431X^2$	0.107	2.21
15	38.9	0.33	5.31	$Y = 39.69 - 0.1303X + 0.00332X^2$	0.039	0.75
16	39.8	0.36	5.75	$Y = 39.11 + 0.2381LogX$	0.008	0.32
17	41.1	0.23	3.52	$Y = 40.46*e^{0.0008X}$	0.064	2.60
18	41.3	0.33	5.12	$Y = 40.50 + 0.0402X$	0.049	1.97
19	41.9	0.32	4.85	$Y = 41.53 + 0.0417X - 0.00092X^2$	0.004	0.07
20	42.2	0.27	4.07	$Y = 41.20 + 0.3627LogX$	0.034	1.34
21	41.9	0.32	4.84	$Y = 40.90 + 0.3540LogX$	0.023	0.91
22	41.5	0.31	4.66	$Y = 39.94 + 0.1797X - 0.00382X^2$	0.076	1.52
23	41.4	0.35	5.40	$Y = 39.04 + 0.3711X - 0.00950X^2$	0.273	6.94**
24	40.5	0.33	5.21	$Y = 38.25*X^{0.0198}$	0.108	4.61*
25	39.6	0.35	5.55	$Y = 38.88 + 0.2739LogX$	0.012	0.46
26	38.6	0.31	5.07	$Y = 36.02*X^{0.0243}$	0.173	7.95**
27	37.2	0.37	6.37	$Y = 37.20*e^{-0.0002X}$	0.001	0.03
28	36.2	0.36	6.37	$Y = 35.33 + 0.1775X - 0.00507X^2$	0.094	1.92
29	34.9	0.36	6.55	$Y = 32.44*X^{0.0262}$	0.120	5.19*
30	34.2	0.31	5.78	$Y = 33.41*e^{0.0010X}$	0.040	1.60
31	33.8	0.36	6.82	$Y = 35.55*X^{-0.0187}$	0.059	2.39
32	33.3	0.34	6.51	$Y = 33.62 - 0.0155X$	0.007	0.27
33	33.2	0.38	7.16	$Y = 31.99 + 0.1692X - 0.00412X^2$	0.044	0.85
34	33.7	0.34	6.43	$Y = 32.83 + 0.0902X - 0.00181X^2$	0.018	0.33
35	33.9	0.31	5.73	$Y = 33.40 + 0.0241X$	0.021	0.82
36	34.2	0.38	7.03	$Y = 32.83*e^{0.0019X}$	0.100	4.22*
37	34.8	0.38	6.83	$Y = 34.12*X^{0.0067}$	0.007	0.28
38	36.1	0.38	6.59	$Y = 36.21 - 0.0478LogX$	0.000	0.01
39	36.6	0.33	5.66	$Y = 36.28 + 0.0677X - 0.00187X^2$	0.014	0.27
40	37.1	0.30	5.19	$Y = 36.36 + 0.2642LogX$	0.014	0.55
41	36.7	0.31	5.35	$Y = 35.46 + 0.1583X - 0.00359X^2$	0.053	1.04
42	36.1	0.28	4.88	$Y = 35.34 + 0.2775LogX$	0.019	0.73
43	35.2	0.32	5.83	$Y = 33.51 + 0.6186LogX$	0.069	2.83
44	34.3	0.30	5.51	$Y = 32.72 + 0.5919LogX$	0.075	3.06
45	33.3	0.23	4.35	$Y = 32.58 + 0.0336X$	0.074	3.02

46	31.9	0.26	5.13	$Y = 30.46 + 0.1812X - 0.00417X^2$	0.100	2.05
47	30.6	0.32	6.51	$Y = 29.57 + 0.1273X - 0.00285X^2$	0.033	0.64
48	29.2	0.32	6.92	$Y = 28.15*X^{0.0119}$	0.022	0.84
49	28.5	0.35	7.69	$Y = 26.42 + 0.7650LogX$	0.093	3.89
50	27.7	0.32	7.26	$Y = 27.03 + 0.1024X - 0.00264X^2$	0.026	0.50
51	27.2	0.33	7.71	$Y = 26.52 + 0.0840X - 0.00190X^2$	0.013	0.25
52	26.0	0.27	6.66	$Y = 25.44*e^{0.0009X}$	0.024	0.92

* Significant at 5% level of significance; ** Significant at 1% level of significance

Table 54. Weekly mean, standard error, CV and trend of minimum temperature (°C)

Week	Mean	SE	CV	Regression equation	R^2	F
1	7.1	0.31	27.65	$Y = 5.99 + 0.3953LogX$	0.031	1.22
2	7.5	0.35	29.84	$Y = 5.79*X^{0.0782}$	0.048	1.94
3	7.5	0.35	29.25	$Y = 8.49 – 0.1684X + 0.00442X^2$	0.064	1.26
4	8.1	0.34	26.75	$Y = 7.74 + 0.0918X - 0.00266X^2$	0.030	0.58
5	8.0	0.35	27.79	$Y = 7.19*X^{0.0265}$	0.007	0.26
6	9.1	0.47	33.10	$Y = 7.80 + 0.0618X$	0.058	2.34
7	10.4	0.40	24.57	$Y = 8.84 + 0.5490LogX$	0.035	1.40
8	11.6	0.42	22.95	$Y = 12.18 - 0.1250X + 0.00365X^2$	0.039	0.75
9	13.4	0.38	17.89	$Y = 10.26*X^{0.0913}$	0.189	8.87**
10	14.3	0.35	15.55	$Y = 13.56 + 0.0343X$	0.033	1.28
11	16.1	0.37	14.60	$Y = 12.51*X^{0.0877}$	0.238	11.87**
12	17.6	0.35	12.50	$Y = 15.84 + 0.0868X$	0.212	10.23**
13	18.8	0.36	12.00	$Y = 20.07 - 0.2326X + 0.00632X^2$	0.133	2.83
14	20.1	0.34	10.77	$Y = 21.47 - 0.2562X + 0.00708X^2$	0.188	4.30*
15	21.0	0.38	11.56	$Y = 22.16 - 0.2107X + 0.00570X^2$	0.093	1.89
16	22.7	0.37	10.26	$Y = 23.81 - 0.2160X + 0.00599X^2$	0.119	2.49
17	24.2	0.26	6.75	$Y = 23.27 + 0.0468X$	0.112	4.80*
18	25.3	0.32	8.07	$Y = 23.69 + 0.0784X$	0.202	9.60**
19	26.4	0.35	8.48	$Y = 25.55 + 0.0422X$	0.048	1.93
20	27.1	0.29	6.79	$Y = 25.54 + 0.0772X$	0.240	12.01**
21	27.6	0.26	5.95	$Y = 26.32 + 0.0634X$	0.203	9.68**
22	27.6	0.27	6.19	$Y = 26.89 + 0.0338X$	0.054	2.15
23	28.3	0.26	5.79	$Y = 26.71 + 0.2012X - 0.00454X^2$	0.123	2.59
24	27.9	0.24	5.54	$Y = 27.48*X^{0.0049}$	0.006	0.23
25	28.0	0.22	5.04	$Y = 27.43 + 0.0286X$	0.056	2.25
26	27.6	0.24	5.49	$Y = 25.43*X^{0.0292}$	0.207	9.94**
27	27.3	0.21	4.96	$Y = 26.84 + 0.1704LogX$	0.012	0.46
28	26.8	0.17	4.02	$Y = 25.48*X^{0.0186}$	0.161	7.29*
29	26.3	0.20	4.86	$Y = 24.69*X^{0.0231}$	0.169	7.72**
30	26.0	0.20	4.80	$Y = 24.44*X^{0.0223}$	0.163	7.38**
31	25.8	0.16	3.83	$Y = 26.14 - 0.0160X$	0.036	1.42
32	25.5	0.21	5.18	$Y = 25.17*e^{0.0005X}$	0.012	0.47
33	25.2	0.26	6.40	$Y = 24.45 + 0.0376X$	0.074	3.04
34	25.0	0.24	6.11	$Y = 24.35 + 0.0319X$	0.060	2.41

35	24.7	0.24	6.13	Y = 24.05 + 0.0324X	0.063	2.54
36	24.6	0.24	6.26	Y = 23.48 + 0.0539X	0.168	7.65**
37	24.1	0.23	6.16	$Y = 23.32*e^{0.0015X}$	0.082	3.38
38	23.7	0.28	7.51	$Y = 22.71*e^{0.0020X}$	0.092	3.83
39	22.8	0.35	9.66	Y = 22.02 + 0.0395X	0.044	1.74
40	21.7	0.38	10.96	Y = 20.51 + 0.0556X	0.075	3.08
41	20.7	0.37	11.40	Y = 19.60 + 0.0551X	0.074	3.05
42	18.6	0.36	12.26	$Y = 18.98 - 0.0725X + 0.00199X^2$	0.013	0.25
43	17.1	0.36	13.37	$Y = 16.50 + 0.0807X - 0.00197X^2$	0.011	0.20
44	15.8	0.42	16.68	$Y = 14.62*e^{0.0033X}$	0.059	2.40
45	14.7	0.43	18.61	$Y = 13.11*e^{0.0046X}$	0.085	3.55
46	13.7	0.49	22.45	$Y = 11.34*X^{0.0606}$	0.055	2.23
47	12.4	0.47	24.03	$Y = 11.49*X^{0.0180}$	0.004	0.17
48	10.5	0.35	21.13	$Y = 9.33*X^{0.0342}$	0.021	0.81
49	9.6	0.34	22.62	$Y = 8.01*e^{0.0078X}$	0.186	8.66**
50	9.1	0.36	24.91	$Y = 9.12*e^{-0.0019X}$	0.006	0.22
51	8.7	0.41	29.97	$Y = 8.53*e^{-0.0012X}$	0.002	0.07
52	8.1	0.31	24.11	Y = 7.55 + 0.0247X	0.022	0.85

Table 55. Weekly mean, standard error, CV and trend of mean temperature (°C)

Week	Mean	SE	CV	Regression equation	R^2	F
1	16.3	0.28	10.70	Y = 15.86 + 0.1458LogX	0.005	0.20
2	16.4	0.29	11.01	Y = 15.54 + 0.3050LogX	0.022	0.85
3	16.5	0.30	11.66	$Y = 17.19 - 0.1528X + 0.00441X^2$	0.106	2.18
4	17.2	0.36	13.26	$Y = 15.59 + 0.2026X - 0.00469X^2$	0.065	1.28
5	17.2	0.31	11.26	Y = 15.32 + 0.6881LogX	0.096	4.04
6	18.2	0.43	15.04	Y = 15.64 + 0.9317LogX	0.088	3.68
7	19.3	0.35	11.57	$Y = 17.62*X^{0.0311}$	0.054	2.15
8	20.7	0.42	12.69	$Y = 21.55 - 0.1922X + 0.00555X^2$	0.090	1.83
9	22.4	0.35	9.78	Y = 20.64 + 0.0836X	0.200	9.51**
10	23.4	0.35	9.55	$Y = 21.88*X^{0.0233}$	0.043	1.70
11	25.1	0.34	8.47	$Y = 22.59*X^{0.0372}$	0.144	6.40*
12	26.6	0.33	7.86	$Y = 27.06 - 0.2012X + 0.00653X^2$	0.282	7.26**
13	27.7	0.35	7.95	$Y = 29.35 - 0.2689X + 0.00695X^2$	0.152	3.32*
14	29.0	0.29	6.40	$Y = 29.95 - 0.1994X + 0.00569X^2$	0.182	4.12*
15	29.9	0.31	6.48	$Y = 30.92 - 0.1705X + 0.00451X^2$	0.087	1.75
16	31.2	0.33	6.68	$Y = 31.77 - 0.1203X + 0.00349X^2$	0.057	1.12
17	32.7	0.22	4.20	Y = 31.88 + 0.0390X	0.110	4.72*
18	33.3	0.31	5.81	Y = 32.10 + 0.0593X	0.128	5.59*
19	34.1	0.32	5.88	Y = 33.67 + 0.0231X	0.018	0.70
20	34.7	0.24	4.39	Y = 33.69 + 0.0474X	0.133	5.81*
21	34.7	0.26	4.70	Y = 33.14 + 0.5836LogX	0.097	4.09
22	34.5	0.27	4.90	Y = 33.47 + 0.3910LogX	0.041	1.62
23	34.9	0.29	5.23	$Y = 32.88 + 0.2861X - 0.00702X^2$	0.216	5.09*
24	34.2	0.27	4.95	$Y = 32.87*X^{0.0137}$	0.058	2.33
25	33.8	0.27	5.00	Y = 32.94 + 0.3234LogX	0.028	1.09

26	33.1	0.25	4.84	$Y = 30.73*X^{0.0263}$	0.221	10.80**
27	32.2	0.28	5.49	$Y = 32.03 + 0.0741LogX$	0.001	0.05
28	31.5	0.25	5.08	$Y = 30.41 + 0.1599X - 0.00394X^2$	0.088	1.79
29	30.6	0.27	5.50	$Y = 28.58*X^{0.0248}$	0.153	6.85*
30	30.1	0.24	5.13	$Y = 29.32*e^{0.0012X}$	0.074	3.03
31	29.8	0.25	5.33	$Y = 30.98 - 0.4182LogX$	0.053	2.12
32	29.4	0.25	5.35	$Y = 29.43 - 0.0021X$	0.000	0.01
33	29.2	0.27	5.94	$Y = 28.27*X^{0.0110}$	0.027	1.07
34	29.3	0.25	5.49	$Y = 28.85 + 0.0240X$	0.030	1.18
35	29.3	0.22	4.76	$Y = 28.72 + 0.0283X$	0.056	2.27
36	29.4	0.27	5.82	$Y = 28.16*e^{0.0020X}$	0.167	7.60**
37	29.5	0.26	5.49	$Y = 28.53*X^{0.0112}$	0.032	1.27
38	29.9	0.29	6.03	$Y = 29.36*e^{0.0008X}$	0.023	0.89
39	29.7	0.27	5.77	$Y = 29.42 + 0.0153X$	0.011	0.42
40	29.4	0.27	5.83	$Y = 27.99 + 0.5008LogX$	0.065	2.65
41	28.7	0.27	6.03	$Y = 27.49 + 0.4474LogX$	0.051	2.04
42	27.4	0.22	5.09	$Y = 27.47 - 0.0377X + 0.00119X^2$	0.019	0.36
43	26.1	0.25	5.98	$Y = 25.08*X^{0.0144}$	0.043	1.71
44	25.1	0.31	7.69	$Y = 23.36*X^{0.0250}$	0.082	3.39
45	24.0	0.27	7.25	$Y = 22.93 + 0.0502X$	0.114	4.90*
46	22.8	0.27	7.58	$Y = 21.33*X^{0.0231}$	0.069	2.80
47	21.5	0.28	8.32	$Y = 20.80 + 0.0953X - 0.00225X^2$	0.023	0.44
48	19.8	0.27	8.62	$Y = 18.84*X^{0.0169}$	0.029	1.13
49	19.1	0.28	9.34	$Y = 17.76 + 0.0639X$	0.176	8.11**
50	18.4	0.28	9.69	$Y = 18.03 + 0.0621X - 0.00166X^2$	0.014	0.26
51	18.0	0.34	11.85	$Y = 17.64 + 0.1174LogX$	0.002	0.09
52	17.0	0.23	8.55	$Y = 16.46*e^{0.0014X}$	0.037	1.45

Table 56. Weekly mean, standard error, CV and trend of diurnal temperature range (°C)

Week	Mean	SE	CV	Regression equation	R^2	F
1	18.4	0.28	9.49	$Y = 19.73 - 0.4988LogX$	0.063	2.53
2	17.7	0.35	12.36	$Y = 19.39 - 0.2503X + 0.00626X^2$	0.120	2.52
3	18.0	0.27	9.61	$Y = 17.33*e^{0.0017X}$	0.043	1.70
4	18.0	0.32	11.17	$Y = 15.80 + 0.7983LogX$	0.120	5.19*
5	18.4	0.42	14.53	$Y = 16.75 + 0.0793X$	0.121	5.21*
6	18.3	0.35	12.06	$Y = 16.62 + 0.2125X - 0.00489X^2$	0.076	1.51
7	17.9	0.35	12.50	$Y = 17.36*e^{0.0012X}$	0.012	0.47
8	18.1	0.30	10.64	$Y = 18.73 - 0.1344X + 0.00380X^2$	0.074	1.47
9	17.9	0.35	12.51	$Y = 18.63 - 0.1164X + 0.00296X^2$	0.026	0.50
10	18.3	0.35	12.01	$Y = 17.39 + 0.1308X - 0.00312X^2$	0.029	0.56
11	18.0	0.33	11.72	$Y = 19.96 - 0.7092LogX$	0.086	3.58
12	17.9	0.29	10.32	$Y = 19.66*X^{-0.0365}$	0.099	4.16*
13	17.8	0.27	9.76	$Y = 18.99*X^{-0.0257}$	0.053	2.12
14	17.7	0.30	10.71	$Y = 16.95 + 0.1136X - 0.00277X^2$	0.031	0.59
15	17.9	0.36	12.84	$Y = 17.53 + 0.0804X - 0.00238X^2$	0.023	0.44
16	17.1	0.31	11.55	$Y = 15.91 + 0.1914X - 0.00501X^2$	0.101	2.08

17	16.9	0.22	8.41	$Y = 17.19*e^{-0.0010X}$	0.020	0.76
18	16.0	0.24	9.43	$Y = 16.79*e^{-0.0025X}$	0.094	3.94
19	15.5	0.23	9.55	$Y = 16.24*e^{-0.0026X}$	0.100	4.22*
20	15.1	0.29	12.25	$Y = 16.32*e^{-0.0042X}$	0.159	7.19*
21	14.3	0.27	11.99	$Y = 15.28*e^{-0.0037X}$	0.136	6.00*
22	13.9	0.22	9.88	$Y = 13.31 + 0.1099X - 0.00294X^2$	0.075	1.50
23	13.1	0.23	11.00	$Y = 12.33 + 0.1699X - 0.00497X^2$	0.249	6.14*
24	12.6	0.24	11.84	$Y = 10.77*X^{0.0534}$	0.146	6.51*
25	11.6	0.23	12.75	$Y = 12.01*e^{-0.0020X}$	0.032	1.27
26	11.0	0.22	12.82	$Y = 10.51 + 0.0781X - 0.00207X^2$	0.035	0.67
27	9.8	0.24	15.52	$Y = 10.35*X^{-0.0229}$	0.014	0.55
28	9.3	0.26	17.58	$Y = 10.50*e^{-0.0066X}$	0.177	8.20**
29	8.6	0.24	17.96	$Y = 7.94*e^{0.0032X}$	0.039	1.55
30	8.1	0.18	14.36	$Y = 8.87 - 0.0982X + 0.00230X^2$	0.058	1.14
31	8.0	0.25	19.67	$Y = 9.24 – 0.4421LogX$	0.060	2.42
32	7.8	0.27	22.13	$Y = 8.20*e^{-0.0033X}$	0.034	1.33
33	8.0	0.33	26.61	$Y = 8.72 – 0.0375X$	0.043	1.70
34	8.7	0.30	22.09	$Y = 9.00 – 0.0159X$	0.009	0.36
35	9.2	0.33	22.78	$Y = 9.35 – 0.0083X$	0.002	0.08
36	9.6	0.34	22.22	$Y = 8.84*X^{0.0232}$	0.010	0.37
37	10.7	0.36	21.35	$Y = 11.27 - 0.0261X$	0.018	0.68
38	12.4	0.34	17.40	$Y = 14.12 - 0.6330LogX$	0.066	2.68
39	13.8	0.40	18.54	$Y = 14.80 - 0.0484X$	0.049	1.95
40	15.4	0.42	17.07	$Y = 16.20 - 0.0372X$	0.027	1.07
41	16.0	0.42	16.44	$Y = 16.89 - 0.0439X$	0.038	1.50
42	17.5	0.47	16.99	$Y = 16.64 + 0.3172LogX$	0.009	0.33
43	18.1	0.48	16.61	$Y = 17.23 + 0.0449X$	0.030	1.19
44	18.5	0.39	13.50	$Y = 18.25 + 0.0567X - 0.00164X^2$	0.009	0.16
45	18.6	0.42	14.22	$Y = 19.85 - 0.4469LogX$	0.022	0.84
46	18.1	0.56	19.46	$Y = 17.46 + 0.1827X - 0.00557X^2$	0.059	1.17
47	18.2	0.57	19.76	$Y = 17.25*e^{0.0014X}$	0.004	0.17
48	18.7	0.40	13.39	$Y = 17.42 + 0.1736X - 0.00412X^2$	0.040	0.77
49	18.9	0.40	13.37	$Y = 17.65 + 0.2359X - 0.00645X^2$	0.112	2.32
50	18.6	0.38	12.81	$Y = 18.01 + 0.0806X - 0.00196X^2$	0.010	0.18
51	18.4	0.33	11.34	$Y = 17.87 + 0.0744X - 0.00172X^2$	0.010	0.19
52	17.9	0.36	12.58	$Y = 17.95*X^{-0.0041}$	0.001	0.03

Table 57. Weekly mean, standard error, CV and trend of rainfall (mm)

Week	Mean	SE	CV	Regression equation	R^2	F
1	0.5	0.43	538.19	$Y = -0.45 + 0.1466X - 0.00370X^2$	0.027	0.51
2	0.7	0.37	330.40	$Y = 0.10 + 0.1444X - 0.00426X^2$	0.071	1.41
3	0.5	0.19	245.27	$Y = 1.43 - 0.3445LogX$	0.065	2.63
4	0.0	0.02	632.46	$Y = 0.03 - 0.0010X$	0.014	0.54
5	0.5	0.35	462.09	$Y = 0.14 + 0.0704X - 0.00200X^2$	0.016	0.31
6	0.8	0.40	325.07	$Y = 0.11 + 0.0328X$	0.023	0.89
7	1.5	0.75	310.07	$Y = 2.32 - 0.0385X$	0.009	0.35

8	0.8	0.40	335.66	$Y = -0.80 + 0.2086X - 0.00491X^2$	0.055	1.07
9	0.8	0.46	358.83	$Y = 0.09 + 0.0968X - 0.00228X^2$	0.009	0.17
10	0.4	0.28	406.28	$Y = -0.22 + 0.0322X$	0.045	1.80
11	0.4	0.34	488.20	$Y = -0.47 + 0.0441X$	0.058	2.35
12	0.1	0.10	452.15	$Y = 0.33 - 0.0096X$	0.034	1.33
13	0.1	0.09	632.46	$Y = -0.14 + 0.0324X - 0.00080X^2$	0.032	0.61
14	1.0	0.44	282.77	$Y = 0.13 + 0.0412X$	0.031	1.20
15	1.0	0.90	584.58	$Y = 0.48 + 0.1564X - 0.00489X^2$	0.019	0.36
16	0.8	0.48	398.48	$Y = -0.98 + 0.2137X - 0.00478X^2$	0.041	0.80
17	2.1	1.52	449.74	$Y = -0.71 + 0.1386X$	0.029	1.12
18	0.9	0.44	310.36	$Y = 1.50 - 0.0655X + 0.00134X^2$	0.005	0.10
19	2.1	1.39	421.87	$Y = 0.05 + 0.0990X$	0.017	0.67
20	0.5	0.27	316.80	$Y = 1.41 - 0.0430X$	0.089	3.69
21	2.0	0.97	301.27	$Y = 5.32 - 0.1604X$	0.094	3.95
22	8.9	3.07	219.00	$Y = 2.07 + 0.3312X$	0.040	1.58
23	4.2	1.05	158.95	$Y = 12.31 - 0.8935X + 0.01838X^2$	0.173	3.86*
24	12.1	3.01	157.73	$Y = 9.79 + 0.1112X$	0.005	0.18
25	9.8	2.31	149.74	$Y = 3.40 + 2.3064\text{Log}X$	0.019	0.74
26	16.7	3.90	148.12	$Y = 36.24 - 7.1035\text{Log}X$	0.063	2.57
27	39.2	13.96	225.21	$Y = 3.57 + 1.7390X$	0.053	2.13
28	23.8	4.55	120.95	$Y = 18.57 + 0.6427X - 0.01433X^2$	0.004	0.08
29	41.9	12.94	195.18	$Y = 74.25 - 1.5775X$	0.051	2.03
30	38.8	8.90	145.31	$Y = 13.74 + 3.8407X - 0.09706X^2$	0.044	0.85
31	47.2	9.76	130.87	$Y = 15.02 + 1.5678X$	0.088	3.68
32	32.3	7.26	142.29	$Y = 18.36 + 5.0453\text{Log}X$	0.009	0.35
33	34.1	9.84	182.71	$Y = 90.31 - 20.3963\text{Log}X$	0.082	3.39
34	23.1	5.47	149.53	$Y = 30.61 - 2.7097\text{Log}X$	0.005	0.18
35	21.5	5.39	158.46	$Y = 58.91 - 13.5621\text{Log}X$	0.121	5.22*
36	13.5	3.86	180.93	$Y = 28.63 - 1.7236X + 0.03648X^2$	0.044	0.86
37	10.7	3.98	235.56	$Y = 25.99 - 2.4360X + 0.06258X^2$	0.093	1.91
38	3.2	1.19	232.40	$Y = 4.93 - 0.2721X + 0.00702X^2$	0.013	0.25
39	8.9	3.88	277.05	$Y = -2.33 + 1.5731X - 0.03805X^2$	0.035	0.67
40	3.0	1.42	294.63	$Y = 7.09 - 0.1973X$	0.066	2.70
41	2.2	1.10	310.03	$Y = 4.88 - 0.9591\text{Log}X$	0.015	0.56
42	3.1	1.61	327.60	$Y = 5.57 - 0.8944\text{Log}X$	0.006	0.23
43	3.2	2.61	512.83	$Y = 9.72 - 0.3169X$	0.050	2.01
44	0.6	0.58	596.34	$Y = 1.35 - 0.0359X$	0.013	0.51
45	0.3	0.30	602.55	$Y = 0.71 - 0.0192X$	0.014	0.53
46	1.3	0.74	357.39	$Y = 3.93 - 0.3905X + 0.00972X^2$	0.064	1.26
47	1.7	1.06	404.85	$Y = 4.42 - 0.6109X + 0.01763X^2$	0.139	2.99
48	0.0	0.00				
49	0.1	0.14	620.77	$Y = -0.23 + 0.0408X - 0.00084X^2$	0.022	0.41
50	0.5	0.38	456.14	$Y = -0.34 + 0.1560X - 0.00421X^2$	0.052	1.02
51	0.4	0.39	632.46	$Y = 1.01 - 0.0303X$	0.021	0.82
52	0.4	0.27	451.73	$Y = -0.40 + 0.0382X$	0.067	2.71

Table 58. Weekly probability (%) of rainfall (mm)

Week	Rainfall probability (%)											
	0.1-10.0	10.1-20.0	20.1-30.0	30.1-40.0	40.1-50.0	50.1-60.0	60.1-70.0	70.1-80.0	80.1-90.0	90.1-100.0	>100.0	>0.0
1	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5
2	10.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
3	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5
4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
5	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5
6	10.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
7	5.0	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
8	15.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5
9	12.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
10	7.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
11	10.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
12	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5
13	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
14	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
15	2.5	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
16	12.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
17	15.0	2.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	20.0
18	10.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
19	5.0	0.0	0.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	10.0
20	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
21	5.0	7.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
22	27.5	2.5	0.0	0.0	2.5	7.5	0.0	0.0	2.5	0.0	0.0	42.5
23	27.5	12.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5
24	10.0	10.0	10.0	7.5	0.0	2.5	2.5	2.5	0.0	0.0	0.0	45.0
25	17.5	12.5	7.5	5.0	5.0	2.5	0.0	0.0	0.0	0.0	0.0	50.0
26	17.5	10.0	0.0	5.0	7.5	2.5	5.0	5.0	0.0	0.0	0.0	52.5
27	12.5	22.5	12.5	0.0	2.5	0.0	0.0	0.0	2.5	0.0	10.0	62.5
28	22.5	12.5	2.5	12.5	5.0	5.0	0.0	7.5	2.5	0.0	2.5	72.5
29	12.5	7.5	20.0	2.5	5.0	7.5	7.5	0.0	0.0	5.0	7.5	75.0
30	22.5	7.5	7.5	7.5	2.5	10.0	0.0	7.5	0.0	0.0	12.5	77.5
31	12.5	5.0	7.5	12.5	0.0	2.5	0.0	2.5	7.5	0.0	20.0	70.0
32	30.0	10.0	15.0	2.5	0.0	7.5	2.5	7.5	5.0	0.0	5.0	85.0
33	17.5	2.5	10.0	5.0	10.0	5.0	0.0	0.0	5.0	5.0	5.0	65.0
34	12.5	22.5	7.5	7.5	7.5	2.5	2.5	2.5	0.0	0.0	5.0	70.0
35	12.5	7.5	12.5	2.5	0.0	5.0	5.0	7.5	0.0	0.0	2.5	55.0
36	12.5	10.0	10.0	2.5	2.5	0.0	2.5	2.5	5.0	0.0	0.0	47.5
37	20.0	5.0	2.5	5.0	0.0	2.5	0.0	2.5	0.0	0.0	2.5	40.0
38	20.0	7.5	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5
39	12.5	5.0	2.5	2.5	2.5	0.0	0.0	2.5	0.0	0.0	2.5	30.0
40	7.5	5.0	2.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	17.5
41	5.0	7.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
42	5.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
43	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	15.0
44	2.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
45	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
46	2.5	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
47	7.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	10.0
48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0

50	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
51	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
52	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0

Table 59. Weekly mean, standard error, CV and trend of evaporation (%)

Week	Mean	SE	CV	Regression equation	R^2	F
1	3.8	0.13	21.45	$Y = 4.83*e^{-0.0125X}$	0.483	35.44**
2	3.8	0.11	19.04	$Y = 4.35*e^{-0.0075X}$	0.212	10.24**
3	4.1	0.13	19.57	$Y = 4.80*e^{-0.0089X}$	0.276	14.45**
4	4.4	0.14	19.54	$Y = 5.15*e^{-0.0081X}$	0.222	10.87**
5	4.6	0.13	18.40	$Y = 5.44*e^{-0.0090X}$	0.322	18.07**
6	5.0	0.16	19.57	Y = 6.84 - 0.6534LogX	0.335	19.11**
7	5.4	0.18	20.72	Y = 6.64 - 0.4653LogX	0.134	5.88*
8	6.0	0.19	19.90	Y = 7.72 - 0.6199LogX	0.205	9.78**
9	6.7	0.21	19.30	Y = 9.17 - 0.8802LogX	0.349	20.34**
10	7.3	0.24	20.83	Y = 9.98 - 0.9600LogX	0.301	16.37**
11	7.9	0.21	16.89	$Y = 9.03*e^{-0.0071X}$	0.223	10.91**
12	9.1	0.27	18.99	Y = 10.60 - 0.5580LogX	0.080	3.31
13	9.3	0.26	18.02	Y = 11.50 - 0.8121LogX	0.181	8.38**
14	10.3	0.26	15.83	Y = 12.43 - 0.7675LogX	0.168	7.70**
15	11.0	0.30	17.31	Y = 13.44 - 0.9009LogX	0.172	7.90**
16	11.9	0.33	17.81	Y = 14.48 - 0.9425LogX	0.151	6.78*
17	13.2	0.28	13.60	Y = 14.80 - 0.0781X	0.258	13.23**
18	13.9	0.31	14.14	Y = 15.49 - 0.5908LogX	0.069	2.83
19	14.8	0.41	17.44	$Y = 15.25*e^{-0.0023X}$	0.021	0.82
20	15.4	0.39	16.02	Y = 16.31 - 0.0453X	0.046	1.84
21	15.3	0.36	14.79	$Y = 16.19*e^{-0.0032X}$	0.057	2.31
22	14.3	0.44	19.72	Y = 15.09 - 0.0407X	0.029	1.12
23	14.3	0.39	17.40	$Y = 15.85*e^{-0.0056X}$	0.136	5.96*
24	12.9	0.49	24.05	Y = 15.87 - 1.0619LogX	0.089	3.70
25	12.7	0.50	24.72	Y = 14.85 - 0.1046X	0.151	6.78*
26	11.4	0.51	28.07	Y = 12.77 - 0.0667X	0.059	2.40
27	9.9	0.63	40.28	Y = 12.07 - 0.1056X	0.096	4.02
28	8.7	0.49	35.39	Y = 10.73 - 0.1000X	0.145	6.43*
29	6.9	0.45	41.45	$Y = 4.37*X^{0.1326}$	0.067	2.71
30	6.7	0.46	43.84	Y = 8.88 - 0.7992LogX	0.057	2.29
31	6.1	0.44	45.57	$Y = 7.89*e^{-0.0164X}$	0.226	11.10**
32	5.7	0.43	46.93	$Y = 6.75*e^{-0.0128X}$	0.110	4.68*
33	5.6	0.36	41.25	Y = 6.71 - 0.4067LogX	0.024	0.93
34	5.7	0.34	38.17	$Y = 4.35*X^{0.0675}$	0.020	0.77
35	5.8	0.37	39.61	Y = 6.43 - 0.0292X	0.022	0.85
36	6.3	0.35	34.92	Y = 8.37 - 0.7634LogX	0.093	3.89
37	6.6	0.33	31.79	Y = 8.55 - 0.6935LogX	0.082	3.41
38	6.7	0.31	29.82	Y = 8.98 - 0.8453LogX	0.138	6.11*
39	6.6	0.32	31.17	Y = 9.17 - 0.9345LogX	0.158	7.12*
40	7.0	0.31	28.35	Y = 9.37 - 0.8733LogX	0.149	6.67*

41	6.8	0.25	22.90	$Y = 7.92 - 0.0541X$	0.164	7.48**
42	6.4	0.20	20.10	$Y = 7.30*e^{-0.0075X}$	0.200	9.52**
43	5.8	0.20	22.01	$Y = 6.33 - 0.0257X$	0.055	2.23
44	5.7	0.17	18.78	$Y = 6.09*e^{-0.0042X}$	0.070	2.86
45	5.1	0.16	19.49	$Y = 6.27 - 0.4078LogX$	0.126	5.48*
46	4.7	0.18	24.17	$Y = 5.58*e^{-0.0098X}$	0.235	11.70**
47	4.4	0.16	22.96	$Y = 5.02 - 0.0319X$	0.138	6.09*
48	4.2	0.15	21.78	$Y = 5.05 - 0.0393X$	0.247	12.44**
49	4.2	0.14	21.34	$Y = 5.11*e^{-0.0104X}$	0.329	18.61**
50	4.0	0.14	21.53	$Y = 5.11*e^{-0.0126X}$	0.446	30.60**
51	4.0	0.14	22.34	$Y = 4.91*e^{-0.0113X}$	0.334	19.03**
52	3.8	0.14	23.81	$Y = 4.75 - 0.0465X$	0.361	21.42**

Table 60. Weekly mean, standard error, CV and trend of RH-I (%)

Week	Mean	SE	CV	Regression equation	R^2	F
1	68.4	1.51	13.96	$Y = 66.09*X^{0.0092}$	0.003	0.12
2	68.6	1.30	12.02	$Y = 67.15 + 0.3717X - 0.01119X^2$	0.042	0.81
3	66.5	1.79	17.03	$Y = 70.04*X^{-0.0242}$	0.015	0.59
4	62.8	1.75	17.67	$Y = 69.46*X^{-0.0423}$	0.042	1.65
5	61.8	1.93	19.81	$Y = 63.43 - 0.0811X$	0.006	0.23
6	60.0	1.92	20.26	$Y = 63.41 - 0.4552X + 0.01071X^2$	0.012	0.22
7	58.9	2.02	21.69	$Y = 52.25*X^{0.0338}$	0.015	0.57
8	54.4	1.71	19.91	$Y = 53.32 + 0.3662X - 0.01169X^2$	0.032	0.61
9	51.4	1.86	22.84	$Y = 54.35 - 0.1425X$	0.020	0.78
10	48.3	1.43	18.69	$Y = 49.73*X^{-0.0173}$	0.006	0.23
11	45.0	1.61	22.65	$Y = 40.56 + 1.6043LogX$	0.019	0.73
12	41.4	1.58	24.17	$Y = 39.20*e^{0.0013X}$	0.004	0.17
13	38.6	1.64	26.81	$Y = 40.44 - 0.4358X + 0.01285X^2$	0.033	0.63
14	39.2	1.60	25.87	$Y = 43.25 - 0.5829X + 0.01424X^2$	0.029	0.55
15	38.4	2.00	32.96	$Y = 40.06*X^{-0.0356}$	0.008	0.31
16	39.0	1.68	27.30	$Y = 35.76*e^{0.0023X}$	0.008	0.32
17	40.5	1.78	27.83	$Y = 42.73 - 0.8209LogX$	0.004	0.15
18	42.1	1.74	26.17	$Y = 40.49 + 0.0778X$	0.007	0.26
19	46.7	1.70	23.03	$Y = 39.54 + 0.3485X$	0.144	6.38*
20	50.1	1.94	24.47	$Y = 43.72 + 0.3133X$	0.089	3.72
21	54.6	1.75	20.28	$Y = 52.62 + 0.0965X$	0.010	0.40
22	57.4	1.78	19.62	$Y = 60.86 - 0.7264X + 0.02057X^2$	0.063	1.25
23	59.0	1.49	16.00	$Y = 54.84*e^{0.0029X}$	0.041	1.62
24	64.2	1.36	13.36	$Y = 63.54 + 0.0927X - 0.00218X\text{^}2$	0.001	0.02
25	67.6	1.30	12.14	$Y = 70.10*e^{-0.0022X}$	0.037	1.47
26	71.6	1.34	11.83	$Y = 74.53 - 1.0780LogX$	0.012	0.48
27	75.0	1.45	12.26	$Y = 67.48*X^{0.0354}$	0.063	2.55
28	78.2	1.37	11.08	$Y = 74.59*X^{0.0148}$	0.014	0.53
29	81.6	1.23	9.52	$Y = 83.92 - 0.1127X$	0.029	1.13
30	83.3	1.28	9.73	$Y = 78.33 + 0.7277X - 0.01795X^2$	0.071	1.42
31	83.4	1.45	10.98	$Y = 74.55 + 3.2235LogX$	0.094	3.96

32	84.6	1.15	8.59	$Y = 80.63 + 1.4460LogX$	0.030	1.18
33	85.0	1.32	9.84	$Y = 88.41 - 0.4353X + 0.01001X^2$	0.022	0.42
34	85.2	1.29	9.57	$Y = 88.75 - 0.1726X$	0.061	2.48
35	83.9	1.19	8.98	$Y = 86.68 - 0.1340X$	0.043	1.72
36	82.3	1.49	11.47	$Y = 80.50 + 0.3594X - 0.01008X^2$	0.021	0.40
37	79.4	1.72	13.74	$Y = 71.99*X^{0.0317}$	0.034	1.35
38	76.2	1.66	13.77	$Y = 70.26*X^{0.0260}$	0.024	0.94
39	74.1	1.86	15.90	$Y = 75.31 - 0.4217LogX$	0.001	0.04
40	69.3	1.89	17.22	$Y = 71.50 - 0.8083LogX$	0.004	0.13
41	64.6	2.05	20.11	$Y = 71.84 - 0.9461X + 0.02194X^2$	0.043	0.84
42	60.2	2.17	22.86	$Y = 73.40 - 4.8053LogX$	0.093	3.90
43	60.1	2.22	23.43	$Y = 73.24 - 4.7810LogX$	0.088	3.67
44	59.8	2.13	22.55	$Y = 71.66 - 4.3145LogX$	0.078	3.22
45	59.5	2.02	21.53	$Y = 62.00 - 0.1230X$	0.013	0.49
46	63.3	2.15	21.50	$Y = 72.70 - 1.1280X + 0.02486X^2$	0.057	1.12
47	63.6	2.29	22.76	$Y = 67.68 - 0.1977X$	0.025	0.99
48	64.4	1.98	19.42	$Y = 74.00 - 3.4871LogX$	0.059	2.40
49	64.4	1.97	19.37	$Y = 73.17 - 1.1371X + 0.02622X^2$	0.068	1.34
50	68.7	1.62	14.93	$Y = 71.38 - 0.7121X + 0.02159X^2$	0.103	2.13
51	69.1	1.56	14.28	$Y = 70.02 - 0.2850X + 0.00883X^2$	0.020	0.38
52	69.2	1.63	14.86	$Y = 74.11 - 0.5741X + 0.01246X^2$	0.026	0.50

Table 61. Weekly mean, standard error, CV and trend of RH-II (%)

Week	Mean	SE	CV	Regression equation	R^2	F
1	28.8	1.25	27.36	$Y = 24.86*e^{0.0055X}$	0.056	2.26
2	31.1	1.69	34.32	$Y = 26.90 + 0.4497X - 0.00902X^2$	0.018	0.34
3	28.2	1.39	31.26	$Y = 25.25 + 0.1422X$	0.036	1.41
4	26.3	1.41	33.85	$Y = 28.09 - 0.3244X + 0.00883X^2$	0.017	0.31
5	26.1	2.27	55.09	$Y = 30.78 - 0.6052X + 0.01388X^2$	0.014	0.27
6	25.3	1.86	46.43	$Y = 27.48 - 0.5393X + 0.01599X^2$	0.040	0.78
7	25.1	1.91	48.08	$Y = 27.64 - 0.1259X$	0.015	0.58
8	21.8	1.19	34.44	$Y = 24.43 - 0.9402LogX$	0.012	0.46
9	21.8	1.29	37.30	$Y = 23.13 - 0.4701LogX$	0.003	0.10
10	20.4	1.16	35.91	$Y = 24.88 - 0.7782X + 0.02071X^2$	0.129	2.74
11	18.1	1.01	35.30	$Y = 14.37 + 0.1839X$	0.113	4.83*
12	18.6	1.17	39.87	$Y = 14.17 + 0.2178X$	0.118	5.06*
13	16.9	1.00	37.46	$Y = 14.12 + 0.1350X$	0.062	2.52
14	17.3	1.12	41.18	$Y = 18.58 - 0.6250X + 0.02075X^2$	0.262	6.58**
15	16.3	1.21	46.77	$Y = 17.30 - 0.2319X + 0.00682X^2$	0.017	0.32
16	16.9	1.32	49.20	$Y = 12.66*e^{0.0083X}$	0.036	1.41
17	15.8	0.98	39.41	$Y = 17.72 - 0.4431X + 0.01287X^2$	0.088	1.78
18	18.2	1.21	42.07	$Y = 14.61*e^{0.0069X}$	0.042	1.65
19	20.7	1.33	40.59	$Y = 15.61 + 0.2485X$	0.120	5.16*
20	21.7	1.25	36.59	$Y = 16.41 + 0.2573X$	0.144	6.38*
21	23.9	1.19	31.56	$Y = 25.43 - 0.5881X + 0.01894X^2$	0.177	3.99*
22	25.7	1.33	32.78	$Y = 27.78 - 0.6615X + 0.02081X^2$	0.159	3.50*

23	29.3	1.29	27.77	$Y = 32.34 - 0.9278X + 0.02883X^2$	0.317	8.57**
24	34.7	1.48	26.93	$Y = 30.53 + 0.2014X$	0.064	2.58
25	37.9	1.35	22.49	$Y = 34.21 + 0.1791X$	0.060	2.44
26	43.4	1.45	21.12	$Y = 46.37 - 0.6363X + 0.01812X^2$	0.076	1.51
27	50.0	2.27	28.77	$Y = 42.31*e^{0.0062X}$	0.067	2.74
28	54.8	2.05	23.72	$Y = 62.84 - 1.1563X + 0.02821X^2$	0.069	1.36
29	58.6	1.80	19.39	$Y = 60.97*e^{-0.0028X}$	0.028	1.11
30	61.6	1.96	20.12	$Y = 58.74 + 0.5026X - 0.01337X^2$	0.019	0.35
31	62.4	1.92	19.48	$Y = 52.01*X^{0.0590}$	0.061	2.48
32	63.5	1.81	18.02	$Y = 56.28*X^{0.0372}$	0.028	1.11
33	64.0	2.28	22.50	$Y = 70.69 - 0.8298X + 0.01871X^2$	0.027	0.52
34	62.7	2.10	21.16	$Y = 66.70 - 0.1941X$	0.029	1.14
35	60.5	2.17	22.66	$Y = 64.51 - 0.1967X$	0.028	1.10
36	56.3	2.07	23.21	$Y = 53.71*X^{0.0079}$	0.001	0.03
37	50.5	2.23	27.90	$Y = 45.23*e^{0.0035X}$	0.021	0.81
38	42.8	1.77	26.17	$Y = 32.33*X^{0.0881}$	0.074	3.02
39	38.3	1.93	31.86	$Y = 28.32*X^{0.0919}$	0.064	2.61
40	31.4	1.89	38.03	$Y = 21.39*X^{0.1141}$	0.070	2.85
41	29.8	1.71	36.19	$Y = 35.19 - 1.0997X + 0.03101X^2$	0.155	3.39*
42	26.4	1.85	44.43	$Y = 28.90 - 0.5749X + 0.01670X^2$	0.042	0.80
43	26.5	1.90	45.27	$Y = 22.01*e^{0.0043X}$	0.013	0.50
44	23.9	1.82	48.23	$Y = 19.22*e^{0.0061X}$	0.029	1.12
45	25.6	1.85	45.68	$Y = 19.81*e^{0.0078X}$	0.040	1.58
46	28.0	2.15	48.54	$Y = 38.20 - 1.5875X + 0.04032X^2$	0.131	2.80
47	28.6	2.11	46.65	$Y = 40.11 - 1.4320X + 0.03225X^2$	0.094	1.92
48	26.9	1.60	37.53	$Y = 34.40 - 1.0802X + 0.02645X^2$	0.100	2.05
49	26.0	1.55	37.73	$Y = 34.25 - 1.4109X + 0.03741X^2$	0.232	5.60*
50	26.6	1.61	38.27	$Y = 21.04 + 0.2730X$	0.098	4.13*
51	28.9	1.30	28.56	$Y = 25.35 + 0.1713X$	0.059	2.38
52	30.0	1.52	32.00	$Y = 24.86*e^{0.0070X}$	0.074	3.03

Table 62. Weekly mean, standard error, CV and trend of mean RH (%)

Week	Mean	SE	CV	Regression equation	R^2	F
1	48.6	1.16	15.05	$Y = 45.64 + 1.0880LogX$	0.017	0.65
2	49.9	1.28	16.27	$Y = 47.03 + 0.4108X - 0.01010X^2$	0.023	0.43
3	47.3	1.39	18.59	$Y = 49.11 - 0.3437X + 0.00949X^2$	0.021	0.39
4	44.6	1.46	20.66	$Y = 47.89*X^{-0.0340}$	0.019	0.74
5	43.9	1.94	27.91	$Y = 45.11 - 0.0587X$	0.003	0.12
6	42.6	1.75	25.91	$Y = 45.45 - 0.4973X + 0.01335X^2$	0.024	0.46
7	42.0	1.85	27.89	$Y = 41.41 + 0.1899X - 0.00602X^2$	0.007	0.13
8	38.1	1.31	21.72	$Y = 39.73 - 0.0798X$	0.013	0.49
9	36.6	1.47	25.30	$Y = 38.37 - 0.0848X$	0.011	0.44
10	34.3	1.17	21.55	$Y = 36.98 - 0.4187X + 0.01071X^2$	0.032	0.60
11	31.6	1.21	24.17	$Y = 26.23 + 1.9322LogX$	0.049	1.96
12	30.0	1.30	27.31	$Y = 26.46*e^{0.0045X}$	0.038	1.52
13	27.8	1.27	28.87	$Y = 28.78 - 0.3645X + 0.01165X^2$	0.058	1.14

14	28.2	1.24	27.69	$Y = 30.92 - 0.6040X + 0.01750X^2$	0.102	2.10
15	27.3	1.56	35.98	$Y = 27.39*X^{-0.0241}$	0.003	0.12
16	27.9	1.42	32.23	$Y = 24.46*e^{0.0040X}$	0.019	0.75
17	28.1	1.27	28.52	$Y = 30.04 - 0.3292X + 0.00871X^2$	0.019	0.35
18	30.1	1.38	29.03	$Y = 27.09*e^{0.0033X}$	0.019	0.73
19	33.7	1.44	27.07	$Y = 27.57 + 0.2985X$	0.146	6.52*
20	35.9	1.50	26.45	$Y = 30.06 + 0.2853X$	0.123	5.35*
21	39.2	1.37	22.07	$Y = 36.31 + 0.1424X$	0.037	1.46
22	41.5	1.45	22.15	$Y = 44.32 - 0.6940X + 0.02069X^2$	0.112	2.33
23	44.1	1.23	17.64	$Y = 46.14 - 0.6781X + 0.02147X^2$	0.203	4.70*
24	49.4	1.31	16.69	$Y = 47.35 + 0.1024X$	0.021	0.82
25	52.7	1.23	14.80	$Y = 50.84 + 0.2005X - 0.00401X^2$	0.007	0.13
26	57.5	1.30	14.28	$Y = 59.73 - 0.3749X + 0.00977X^2$	0.022	0.42
27	62.5	1.80	18.19	$Y = 56.81*e^{0.0039X}$	0.063	2.55
28	66.5	1.65	15.71	$Y = 70.63 - 0.6536X + 0.01667X^2$	0.038	0.73
29	70.1	1.46	13.14	$Y = 72.92 - 0.1372X$	0.030	1.19
30	72.5	1.58	13.83	$Y = 68.54 + 0.6152X - 0.01566X^2$	0.036	0.70
31	72.9	1.65	14.27	$Y = 63.30*X^{0.0475}$	0.076	3.13
32	74.0	1.45	12.42	$Y = 68.48*X^{0.0254}$	0.029	1.12
33	74.5	1.76	14.96	$Y = 79.55 - 0.6325X + 0.01436X^2$	0.026	0.50
34	74.0	1.65	14.13	$Y = 77.73 - 0.1834X$	0.042	1.67
35	72.2	1.63	14.24	$Y = 75.60 - 0.1654X$	0.035	1.39
36	69.3	1.69	15.46	$Y = 68.80 + 0.1439X - 0.00440X^2$	0.004	0.08
37	64.9	1.86	18.07	$Y = 58.49*X^{0.0320}$	0.023	0.90
38	59.5	1.61	17.07	$Y = 51.94*X^{0.0438}$	0.046	1.83
39	56.2	1.83	20.58	$Y = 50.89*X^{0.0285}$	0.014	0.54
40	50.3	1.76	22.17	$Y = 47.12*e^{0.0020X}$	0.011	0.43
41	47.2	1.73	23.13	$Y = 53.52 - 1.0229X + 0.02648X^2$	0.090	1.83
42	43.3	1.83	26.76	$Y = 49.84 - 2.3877LogX$	0.032	1.28
43	43.3	1.96	28.68	$Y = 49.42 - 2.2292LogX$	0.025	0.96
44	41.8	1.77	26.70	$Y = 44.25*X^{-0.0330}$	0.011	0.44
45	42.5	1.71	25.46	$Y = 39.91*e^{0.0015X}$	0.004	0.17
46	45.7	1.98	27.44	$Y = 55.45 - 1.3577X + 0.03259X^2$	0.099	2.03
47	46.1	2.11	28.92	$Y = 56.44 - 1.1774X + 0.02497X^2$	0.069	1.37
48	45.6	1.65	22.91	$Y = 54.64 - 1.0595X + 0.02298X^2$	0.087	1.77
49	45.2	1.58	22.16	$Y = 53.71 - 1.2739X + 0.03181X^2$	0.148	3.21
50	47.7	1.44	19.05	$Y = 43.11 + 0.2229X$	0.082	3.41
51	49.0	1.29	16.72	$Y = 46.41 + 0.1242X$	0.031	1.23
52	49.6	1.41	17.93	$Y = 53.11 - 0.6298X + 0.01706X^2$	0.062	1.22

Table 63. Weekly mean, standard error, CV and trend of wind speed (kmph)

Week	Mean	SE	CV	Regression equation	R^2	F
1	5.4	0.21	24.30	$Y = 6.07 - 0.0345X$	0.096	4.04
2	5.5	0.22	25.77	$Y = 6.43*e^{-0.0095X}$	0.192	9.01**
3	5.5	0.22	25.09	$Y = 7.09*e^{-0.0141X}$	0.396	24.93**
4	5.7	0.24	26.74	$Y = 7.52 - 0.0895X$	0.473	34.16**
5	5.7	0.27	29.81	$Y = 7.81*e^{-0.0172X}$	0.436	29.33**
6	5.8	0.21	22.75	$Y = 6.81 - 0.0477X$	0.177	8.17**
7	6.3	0.21	21.11	$Y = 7.67 - 0.0658X$	0.332	18.91**
8	6.5	0.26	24.84	$Y = 8.17*e^{-0.0123X}$	0.324	18.19**
9	6.6	0.26	24.60	$Y = 7.96 - 0.0679X$	0.241	12.09**
10	6.5	0.32	31.65	$Y = 10.07 - 1.3079LogX$	0.312	17.23**
11	6.9	0.28	26.06	$Y = 8.18 - 0.0632X$	0.170	7.76**
12	7.3	0.24	21.05	$Y = 6.83 + 0.1319X - 0.00407X^2$	0.174	3.91*
13	7.1	0.25	22.21	$Y = 8.51*e^{-0.0098X}$	0.250	12.66**
14	7.8	0.25	20.04	$Y = 8.96*e^{-0.0080X}$	0.211	10.17**
15	7.9	0.28	22.54	$Y = 9.19*e^{-0.0083X}$	0.199	9.42**
16	8.4	0.34	25.77	$Y = 10.80*X^{-0.1009}$	0.119	5.11*
17	9.4	0.36	24.51	$Y = 11.44*e^{-0.0112X}$	0.259	13.28**
18	10.0	0.35	21.96	$Y = 11.53*e^{-0.0078X}$	0.191	8.97**
19	11.3	0.41	23.23	$Y = 13.16 - 0.6903LogX$	0.053	2.13
20	12.7	0.49	24.51	$Y = 16.63 - 0.4518X + 0.00971X^2$	0.181	4.09*
21	14.1	0.51	22.88	$Y = 17.52 - 1.2580LogX$	0.117	5.03*
22	13.0	0.46	22.41	$Y = 13.91*e^{-0.0046X}$	0.048	1.90
23	13.7	0.44	20.44	$Y = 17.33 - 1.3020LogX$	0.164	7.46**
24	13.8	0.62	28.31	$Y = 20.61 - 2.4756LogX$	0.307	16.83**
25	14.1	0.66	29.52	$Y = 16.50*e^{-0.0097X}$	0.145	6.47*
26	13.8	0.66	30.20	$Y = 12.65 + 0.3543X - 0.01105X^2$	0.179	4.03*
27	13.0	0.56	27.14	$Y = 15.94*e^{-0.0116X}$	0.245	12.33**
28	12.8	0.52	25.83	$Y = 13.81*e^{-0.0053X}$	0.055	2.20
29	11.2	0.49	27.74	$Y = 12.75 - 0.0734X$	0.076	3.11
30	11.6	0.47	25.73	$Y = 13.99*e^{-0.0105X}$	0.237	11.83**
31	10.7	0.49	28.77	$Y = 13.74*e^{-0.0142X}$	0.326	18.39**
32	10.1	0.45	28.16	$Y = 12.88 - 0.1381X$	0.325	18.30**
33	9.5	0.50	33.33	$Y = 14.37 - 1.7657LogX$	0.237	11.82**
34	8.8	0.40	28.62	$Y = 10.27 - 0.0707X$	0.107	4.56*
35	8.2	0.46	35.46	$Y = 9.23*e^{-0.0081X}$	0.089	3.73
36	8.2	0.35	26.98	$Y = 10.32*e^{-0.0131X}$	0.294	15.85**
37	7.1	0.27	24.12	$Y = 7.76*e^{-0.0056X}$	0.072	2.94
38	6.4	0.28	28.03	$Y = 7.11*e^{-0.0066X}$	0.087	3.60
39	5.6	0.28	31.39	$Y = 6.00 - 0.0198X$	0.017	0.68
40	5.0	0.22	27.09	$Y = 5.90*e^{-0.0093X}$	0.176	8.13**
41	5.1	0.24	30.40	$Y = 6.00 - 0.0461X$	0.123	5.33*
42	4.6	0.20	27.08	$Y = 5.45*e^{-0.0100X}$	0.190	8.94**
43	4.4	0.20	28.40	$Y = 5.63*e^{-0.0142X}$	0.353	20.77**
44	4.3	0.24	35.32	$Y = 4.86*e^{-0.0080X}$	0.122	5.26*
45	4.3	0.23	34.49	$Y = 4.78*e^{-0.0079X}$	0.086	3.58

46	4.3	0.22	32.02	$Y = 5.37*e^{-0.0137X}$	0.227	11.14**
47	4.5	0.22	31.92	$Y = 5.66 - 0.0589X$	0.235	11.66**
48	4.5	0.19	27.16	$Y = 5.74*e^{-0.0137X}$	0.333	18.95**
49	4.5	0.21	29.21	$Y = 5.54 - 0.0503X$	0.199	9.45**
50	4.6	0.20	28.10	$Y = 5.99*e^{-0.0151X}$	0.413	26.71**
51	5.0	0.23	29.25	$Y = 6.04*e^{-0.0111X}$	0.204	9.73**
52	5.0	0.22	27.76	$Y = 6.39 - 0.0667X$	0.313	17.33**

Table 64. Weekly mean, standard error, CV and trend of sunshine hours (h)

Week	Mean	SE	CV	Regression equation	R^2	F
1	8.8	0.12	8.36	$Y = 9.42 - 0.0298X$	0.223	10.92**
2	8.8	0.13	9.67	$Y = 9.54 - 0.2629LogX$	0.073	2.97
3	8.8	0.14	10.15	$Y = 9.41*e^{-0.0034X}$	0.143	6.33*
4	9.1	0.13	9.33	$Y = 8.64 + 0.0895X - 0.00251X^2$	0.162	3.58*
5	9.0	0.20	13.77	$Y = 9.29 - 0.0127X$	0.014	0.55
6	9.1	0.15	10.30	$Y = 9.43 - 0.0142X$	0.031	1.23
7	9.3	0.15	10.46	$Y = 9.46 - 0.0731LogX$	0.004	0.17
8	9.4	0.11	7.50	$Y = 9.74 - 0.1046LogX$	0.017	0.64
9	9.3	0.14	9.70	$Y = 9.41 - 0.0274X + 0.00080X^2$	0.016	0.31
10	9.1	0.14	9.60	$Y = 9.40*e^{-0.0018X}$	0.043	1.72
11	8.9	0.20	14.00	$Y = 9.70 - 0.2988LogX$	0.044	1.75
12	8.9	0.16	11.60	$Y = 9.43 - 0.0792X + 0.00206X^2$	0.061	1.20
13	9.1	0.14	9.72	$Y = 9.51 - 0.0611X + 0.00156X^2$	0.046	0.90
14	9.3	0.14	9.69	$Y = 8.99 + 0.0369X - 0.00079X^2$	0.015	0.27
15	9.7	0.13	8.58	$Y = 9.82 - 0.0082X$	0.013	0.52
16	10.1	0.14	8.89	$Y = 9.84 + 0.0576X - 0.00173X^2$	0.085	1.71
17	10.3	0.13	7.64	$Y = 10.59*X^{-0.0097}$	0.011	0.44
18	10.2	0.17	10.59	$Y = 10.41 - 0.0104X$	0.013	0.49
19	10.2	0.17	10.47	$Y = 10.56 - 0.0179X$	0.038	1.51
20	10.3	0.14	8.57	$Y = 9.72*X^{0.0202}$	0.038	1.49
21	10.1	0.16	10.12	$Y = 10.52 - 0.0196X$	0.050	2.01
22	10.1	0.17	10.62	$Y = 10.49*e^{-0.0019X}$	0.041	1.63
23	9.8	0.24	15.37	$Y = 8.01 + 0.2460X - 0.00593X^2$	0.227	5.44*
24	8.7	0.29	21.32	$Y = 7.19*X^{0.0590}$	0.041	1.64
25	7.8	0.33	27.08	$Y = 7.05 + 0.1684X - 0.00497X^2$	0.120	2.53
26	7.0	0.32	29.08	$Y = 3.70*X^{0.2074}$	0.158	7.14*
27	7.0	0.38	34.37	$Y = 7.82 - 0.0393X$	0.036	1.44
28	5.9	0.32	34.63	$Y = 6.32*e^{-0.0072X}$	0.041	1.64
29	5.3	0.39	46.88	$Y = 3.90 + 0.0682X$	0.103	4.37*
30	5.0	0.34	41.99	$Y = 5.62 - 0.0889X + 0.00226X^2$	0.017	0.32
31	5.1	0.30	37.85	$Y = 5.89 - 0.0408X$	0.062	2.52
32	5.0	0.31	38.58	$Y = 3.02*X^{0.1546}$	0.100	4.23*
33	5.4	0.37	43.01	$Y = 2.92*X^{0.1818}$	0.085	3.52
34	6.3	0.36	36.37	$Y = 4.10*X^{0.1237}$	0.054	2.18
35	6.7	0.36	33.65	$Y = 4.71*X^{0.1058}$	0.053	2.13
36	7.5	0.32	26.95	$Y = 6.74*e^{0.0028X}$	0.011	0.43

37	8.2	0.31	23.75	$Y = 8.93 - 0.0357X$	0.046	1.83
38	9.0	0.15	10.54	$Y = 8.84 + 0.0272X - 0.00079X^2$	0.014	0.27
39	8.9	0.20	13.87	$Y = 9.14 - 0.0103X$	0.009	0.36
40	9.3	0.13	9.05	$Y = 8.89*X^{0.0136}$	0.016	0.61
41	9.2	0.15	10.54	$Y = 9.55 - 0.0435X + 0.00094X^2$	0.017	0.32
42	9.6	0.11	7.19	$Y = 9.88 - 0.0149X$	0.064	2.59
43	9.3	0.18	12.16	$Y = 9.04 + 0.0331X - 0.00072X^2$	0.007	0.14
44	9.3	0.20	13.88	$Y = 9.10 + 0.0745X - 0.00245X^2$	0.109	2.26
45	9.3	0.16	10.57	$Y = 9.98 - 0.0329X$	0.152	6.83*
46	8.8	0.24	16.81	$Y = 8.13 + 0.1618X - 0.00471X^2$	0.206	4.79*
47	8.9	0.25	17.46	$Y = 8.69 + 0.0500X - 0.00151X^2$	0.022	0.41
48	9.2	0.12	8.12	$Y = 9.55 - 0.0186X$	0.085	3.53
49	9.1	0.10	7.09	$Y = 9.74 - 0.0295X$	0.283	15.00**
50	8.9	0.12	8.25	$Y = 9.43 - 0.0236X$	0.140	6.18*
51	8.7	0.14	10.49	$Y = 9.09*e^{-0.0023X}$	0.040	1.58
52	8.6	0.14	10.58	$Y = 9.12 - 0.0233X$	0.088	3.68

MONTHLY AND SEASONAL WEATHER DATA AND EXTREME EVENTS

Table 65. Monthly and annual means, highest and lowest values of weather variables

Variable		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
TMax	Mean	25.7	28.4	34.2	39.4	41.8	40.2	35.6	33.5	35.4	36.1	31.8	27.4	34.1
	Min	23.0	24.8	30.8	35.6	38.8	37.6	31.7	31.0	32.1	32.0	28.8	23.5	32.3
	Year	2005	1972	1998	1983	1982	1971	2001	1996	1975	1997	1981	1997	1997
	Max	28.9	34.0	38.1	42.0	44.0	43.3	39.1	38.3	38.8	39.1	33.7	29.7	35.9
	Year	1990	2006	2004	2010	2010	1992	1987	1987	1987	1987	1987	1993	1987
TMin	Mean	7.6	10.3	16.2	22.1	26.8	28.0	26.6	25.2	23.9	19.2	13.4	8.9	19.0
	Min	4.7	5.9	13.8	17.1	21.6	25.5	24.4	19.9	19.4	15.6	9.9	6.3	17.9
	Year	1974	1974	1975	1982	1982	1997	1971	1981	1981	1991	1983	2005	1981
	Max	10.8	14.6	19.8	25.8	29.2	30.0	28.6	28.5	27.0	24.4	20.5	14.6	20.9
	Year	1988	2006	2010	2010	2010	1987	1987	1987	1987	1998	1998	1999	1987
Rain	Mean	2.2	3.6	1.4	4.8	10.8	43.8	160.6	139.4	40.7	11.6	3.8	1.4	424.1
	Min	0.0	0.0	0.0	0.0	0.0	0.2	0.0	5.0	0.0	0.0	0.0	0.0	71.5
	Year	2009	2010	2010	2010	2010	1986	2002	2002	2009	2009	2008	2009	2002
	Max	20.7	36.6	20.7	60.0	57.8	144.2	514.5	617.1	239.2	151.6	61.1	15.4	916.6
	Year	1989	1990	2007	2005	2005	2008	1979	1973	1975	1975	2010	1980	1990
Evap	Mean	4.1	5.5	8.1	11.6	14.8	13.0	8.0	5.7	6.5	6.4	4.8	4.0	7.7
	Min	3.0	4.0	5.0	8.6	11.3	8.5	3.2	3.5	3.6	4.0	3.0	2.3	6.2
	Year	2002	2000	1998	1978	1997	2008	2001	2006	1975	1975	2010	2010	2008
	Max	5.5	8.2	11.9	14.7	18.3	16.5	13.4	11.2	11.2	9.2	6.9	5.9	9.9
	Year	1988	1977	1977	1977	1988	1981	1987	1974	1987	1987	1987	1971	1987
RH-I	Mean	66	58	44	39	50	64	80	85	78	63	62	68	63
	Min	53	39	33	20	28	47	68	70	53	39	37	51	52
	Year	1988	1985	2004	1998	1998	1998	1974	1987	1972	1987	1987	1984	1987
	Max	85	83	60	58	65	75	93	93	94	90	87	87	73
	Year	1976	1992	1976	1983	2008	1997	1977	1994	1975	1975	1979	2010	1976
RH-II	Mean	29	24	19	17	22	35	56	63	48	28	27	28	33
	Min	17	10	7	9	11	25	38	43	30	13	8	16	23
	Year	1974	1985	1985	1988	1989	1992	1987	1987	1987	1987	1987	1993	1987
	Max	43	52	33	29	36	50	78	81	71	51	55	48	41
	Year	1999	1992	2002	2002	2008	2008	1977	1973	1975	1975	2010	1997	2010
WS	Mean	5.5	6.2	6.9	8.4	12.3	13.7	12.2	9.4	6.9	4.7	4.4	4.8	8.0
	Min	3.3	3.9	3.5	6.6	7.8	9.9	8.9	5.9	4.4	3.1	2.4	2.8	6.3
	Year	2007	2008	1977	2008	1998	1998	2001	2010	2010	2005	2007	1998	2007
	Max	8.4	8.7	9.4	11.1	15.7	18.5	16.1	15.2	10.9	7.2	6.7	7.3	10.2
	Year	1982	1982	1983	1982	1976	1973	1981	1974	1987	1981	1982	1981	1981
SS	Mean	8.9	9.3	9.0	9.8	10.2	8.6	5.8	5.7	8.3	9.4	9.1	8.9	8.6
	Min	7.9	7.6	6.9	8.9	8.9	4.5	2.9	2.2	6.1	8.0	6.3	7.0	7.6
	Year	2008	1990	1997	1983	1971	1971	1971	1973	1975	1996	2010	2008	1971
	Max	9.7	10.2	10.3	10.9	11.5	10.5	8.5	9.3	9.9	10.5	10.1	9.6	9.2
	Year	1990	2004	1977	1999	1978	1979	1987	1993	1979	1976	1972	1978	1974

Table 66. Mean monthly and annual maximum temperature (°C)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	24.6	28.1	33.8	40.5	40.2	37.6	34.0	33.2	35.8	35.1	32.1	28.1	33.6
1972	26.3	24.8	34.8	38.1	41.8	39.4	35.7	34.6	35.6	36.1	31.2	26.9	33.8
1973	24.4	30.2	34.0	41.0	42.9	38.4	35.1	31.7	32.8	35.1	31.3	25.4	33.5
1974	25.4	26.1	35.9	38.8	40.5	38.6	37.6	36.7	38.3	35.0	30.3	25.4	34.1
1975	23.9	26.7	33.0	39.6	41.7	39.3	33.9	33.1	32.1	32.3	29.6	27.8	32.8
1976	26.0	27.2	32.9	37.8	41.2	39.7	36.5	31.5	32.1	35.8	30.7	27.2	33.2
1977	24.8	29.3	36.6	38.8	40.4	39.1	32.6	31.8	34.3	37.6	33.1	27.3	33.8
1978	25.5	26.9	32.1	38.8	42.3	40.3	33.0	33.0	33.8	36.3	32.2	27.6	33.5
1979	25.5	26.7	32.1	39.7	40.0	41.6	36.0	32.9	36.3	34.9	30.5	26.8	33.6
1980	25.8	29.2	33.0	41.0	42.5	41.2	35.3	34.9	37.4	37.8	32.4	27.0	34.8
DMean	**25.2**	**27.5**	**33.8**	**39.4**	**41.4**	**39.5**	**35.0**	**33.3**	**34.8**	**35.6**	**31.3**	**27.0**	**33.7**
1981	25.0	29.4	33.6	40.2	41.8	41.7	35.4	35.1	37.1	36.6	28.8	27.0	34.3
1982	24.8	26.4	31.4	38.1	38.8	40.8	37.1	33.3	36.2	37.4	30.0	27.2	33.5
1983	25.4	26.8	32.3	35.6	40.9	40.8	36.2	33.0	35.5	35.1	30.7	26.4	33.3
1984	24.2	25.6	35.8	39.7	42.7	39.6	35.5	32.3	33.3	35.5	32.2	28.2	33.7
1985	25.1	29.9	37.0	38.9	42.8	39.6	35.2	32.7	36.9	35.9	33.1	27.7	34.6
1986	25.8	27.0	34.1	39.8	41.8	40.2	35.9	32.6	36.6	37.4	32.6	25.5	34.1
1987	25.8	30.0	34.5	40.5	41.5	41.7	39.1	38.3	38.8	39.1	33.7	27.4	35.9
1988	27.7	30.7	34.1	41.2	43.7	41.6	34.4	34.4	36.9	35.9	32.1	28.7	35.1
1989	24.6	28.6	33.9	39.2	43.3	39.5	36.5	34.2	35.5	37.0	32.9	27.2	34.4
1990	28.9	27.8	32.3	39.6	42.2	40.5	34.1	32.8	33.0	35.0	31.9	27.5	33.8
DMean	**25.7**	**28.2**	**33.9**	**39.3**	**41.9**	**40.6**	**35.9**	**33.9**	**36.0**	**36.5**	**31.8**	**27.3**	**34.3**
1991	25.2	28.5	34.7	38.3	41.9	42.6	37.3	33.8	34.2	36.7	31.4	28.4	34.4
1992	26.1	26.4	32.8	37.6	42.3	43.3	36.8	32.9	32.5	35.2	31.3	28.7	33.8
1993	25.9	30.8	32.5	39.0	43.2	41.1	35.0	36.5	35.8	37.6	33.6	29.7	35.1
1994	27.1	28.4	37.0	38.4	43.2	41.2	33.3	31.4	32.8	36.0	32.4	27.6	34.1
1995	24.3	28.9	32.1	38.4	43.0	42.5	36.4	34.0	36.4	36.5	32.4	27.9	34.4
1996	25.3	29.6	36.0	40.2	42.2	39.5	35.4	31.0	34.2	35.7	30.8	27.4	33.9
1997	25.0	28.5	33.3	36.6	39.3	37.9	36.1	32.2	33.6	32.0	29.0	23.5	32.3
1998	24.6	28.3	30.8	40.9	43.4	41.0	36.8	36.8	36.5	35.3	31.6	28.9	34.6
1999	26.8	27.6	35.4	41.3	41.2	38.9	35.8	33.6	36.8	35.9	33.2	28.2	34.6
2000	27.6	27.5	34.1	40.9	40.8	39.9	35.5	34.2	36.1	38.4	32.3	29.0	34.7
DMean	**25.8**	**28.4**	**33.9**	**39.2**	**42.0**	**40.8**	**35.8**	**33.6**	**34.9**	**35.9**	**31.8**	**27.9**	**34.2**
2001	26.2	30.6	34.6	38.7	41.6	38.6	31.7	33.1	36.8	37.7	33.4	29.2	34.4
2002	25.8	28.4	35.1	40.7	42.8	40.7	36.8	35.6	37.5	38.8	32.9	29.4	35.4
2003	26.3	27.8	33.9	39.7	41.6	39.5	34.2	33.3	34.0	36.5	31.9	27.3	33.9
2004	26.7	30.2	38.1	41.0	41.1	39.9	35.9	31.2	35.9	33.3	31.1	26.8	34.3
2005	23.0	27.5	35.0	38.6	40.9	41.2	35.7	33.5	35.0	35.2	31.6	24.5	33.5
2006	26.7	34.0	32.9	39.2	42.1	40.4	35.9	31.3	34.8	35.9	32.2	27.2	34.4
2007	25.9	29.4	33.2	40.8	41.8	39.8	34.3	33.3	35.9	36.2	33.4	25.8	34.2
2008	24.2	26.1	36.0	38.3	39.8	37.6	36.0	32.0	35.2	37.6	33.1	29.5	33.8
2009	27.2	31.0	36.3	39.5	43.2	40.8	36.7	35.6	38.6	37.3	32.0	28.5	35.6
2010	27.6	30.6	37.8	42.0	44.0	41.7	37.3	33.1	33.5	36.6	29.2	26.0	35.0
DMean	**25.9**	**29.6**	**35.3**	**39.9**	**41.9**	**40.0**	**35.5**	**33.2**	**35.7**	**36.5**	**32.1**	**27.4**	**34.4**
GMean	**25.7**	**28.4**	**34.2**	**39.4**	**41.8**	**40.2**	**35.6**	**33.5**	**35.4**	**36.1**	**31.8**	**27.4**	**34.1**
SD	1.2	1.8	1.8	1.4	1.2	1.4	1.5	1.7	1.8	1.5	1.3	1.4	0.7
CV	4.7	6.5	5.2	3.4	2.9	3.4	4.1	5.0	5.1	4.2	4.0	5.0	2.1

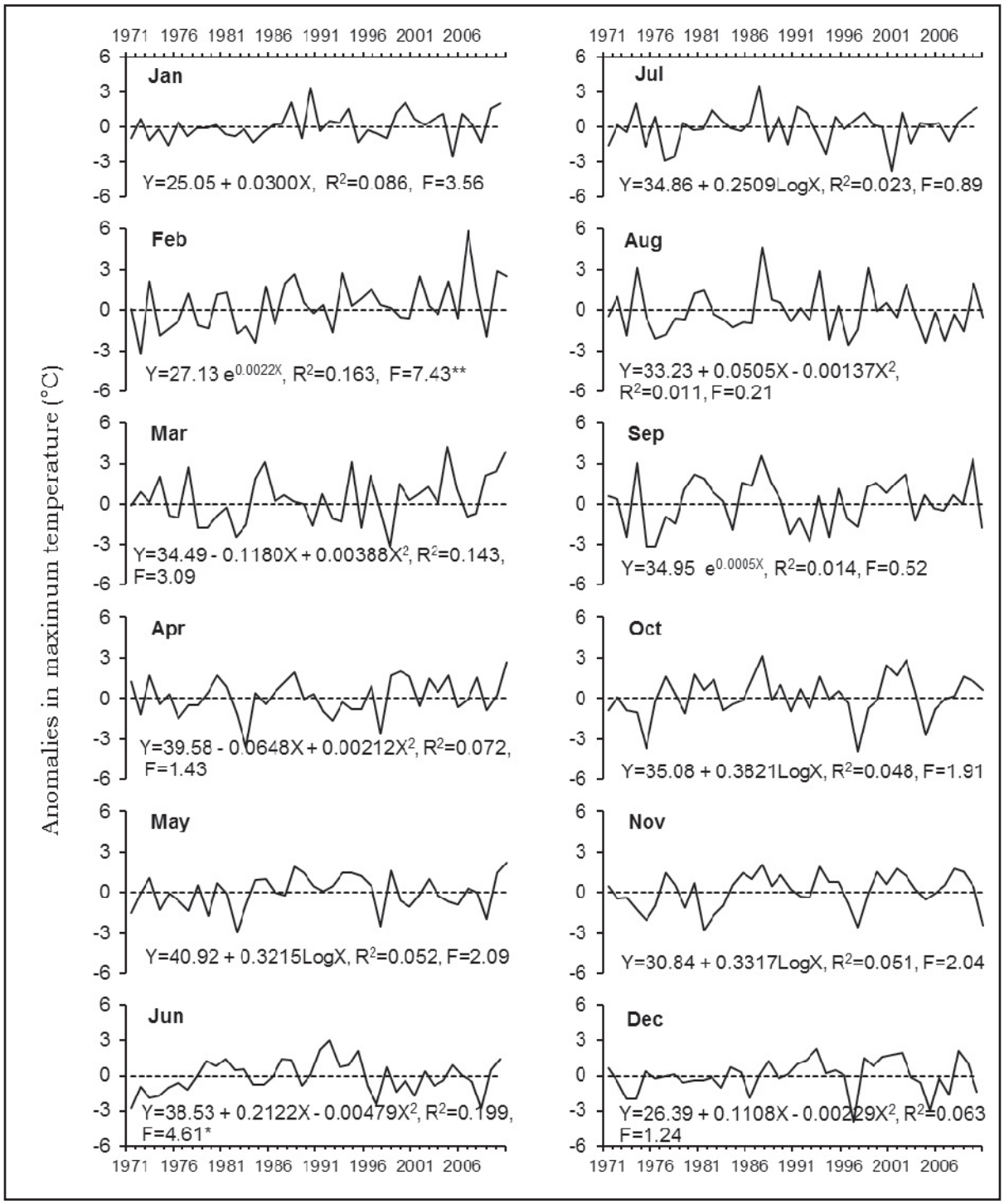

Fig. 13. Temperature anomalies (solid line) and trend (regression equation) of maximum temperature (°C).

Table 67. Mean monthly and annual minimum temperature (°C)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	6.3	9.3	14.0	23.4	26.2	26.8	24.4	24.5	23.3	19.6	12.2	8.4	18.2
1972	7.6	7.1	16.3	21.6	25.2	27.9	26.3	25.7	22.2	17.7	11.7	9.1	18.2
1973	6.6	10.8	15.0	22.3	26.6	27.4	25.6	24.6	24.0	16.5	10.2	6.4	18.0
1974	4.7	5.9	16.3	21.9	25.8	26.7	28.0	26.7	25.1	20.1	11.3	8.7	18.5
1975	6.8	10.2	13.8	21.5	26.5	26.7	25.8	25.3	23.4	18.8	9.9	7.0	18.0
1976	8.9	10.2	15.8	21.1	26.6	26.9	26.7	24.2	22.1	18.6	17.2	8.9	18.9
1977	8.0	11.8	17.5	23.0	26.1	26.9	25.3	24.5	23.1	19.2	16.1	9.1	19.2
1978	6.8	11.1	15.4	22.7	26.7	28.3	25.4	24.9	22.6	18.5	15.5	9.6	19.0
1979	7.8	10.6	14.4	20.9	24.0	28.1	26.5	24.0	22.9	19.8	16.9	10.9	18.9
1980	7.6	11.2	16.1	22.2	26.8	28.3	26.4	25.6	24.5	19.6	13.9	9.1	19.3
DMean	**7.1**	**9.8**	**15.5**	**22.0**	**26.1**	**27.4**	**26.0**	**25.0**	**23.3**	**18.8**	**13.5**	**8.7**	**18.6**
1981	9.7	11.2	15.3	22.6	26.1	28.5	26.5	19.9	19.4	16.4	10.0	8.4	17.9
1982	10.4	12.7	15.5	17.1	21.6	27.7	27.1	25.6	23.6	21.4	15.7	10.9	19.2
1983	8.2	10.4	15.6	20.7	26.7	27.8	26.6	25.5	24.8	18.4	9.9	8.6	18.7
1984	6.7	7.0	16.3	21.4	26.8	27.8	26.0	24.6	22.3	16.4	11.7	8.6	18.0
1985	7.4	9.2	17.0	21.7	26.4	27.3	26.2	25.2	24.1	19.4	14.1	10.2	19.1
1986	7.9	11.1	16.3	22.5	26.0	28.6	26.7	24.3	24.1	20.3	14.0	6.6	19.1
1987	9.0	11.0	18.0	23.1	26.8	30.0	28.6	28.5	27.0	23.0	14.5	10.6	20.9
1988	10.8	13.5	17.3	24.5	28.5	26.5	27.3	26.0	26.8	20.4	10.3	8.9	20.1
1989	6.0	8.8	16.0	20.6	26.6	28.0	26.8	25.5	23.1	17.4	13.7	8.5	18.5
1990	8.6	11.6	14.6	22.5	28.5	28.5	26.1	25.4	24.2	17.2	12.2	7.8	19.0
DMean	**8.5**	**10.6**	**16.2**	**21.7**	**26.4**	**28.1**	**26.8**	**25.1**	**24.0**	**19.0**	**12.6**	**8.9**	**19.0**
1991	5.8	8.7	15.4	20.7	27.2	29.3	27.3	25.9	22.8	15.6	12.1	8.5	18.3
1992	7.1	9.6	16.0	20.5	26.5	29.4	26.8	25.4	21.6	18.2	10.4	8.3	18.4
1993	7.5	10.2	14.5	22.1	27.6	28.0	26.3	26.2	24.5	20.9	13.8	8.6	19.2
1994	9.1	9.9	17.1	20.9	27.9	29.0	25.4	24.2	21.8	16.3	11.0	7.2	18.4
1995	6.0	10.0	14.4	20.8	26.5	28.8	26.5	25.3	23.3	20.1	12.0	9.1	18.6
1996	7.8	9.6	17.9	20.4	26.2	27.2	26.8	24.2	23.2	19.1	10.0	6.5	18.3
1997	5.8	8.3	16.6	20.4	23.5	25.5	27.4	25.0	24.2	19.0	14.9	8.8	18.3
1998	7.0	9.7	16.3	23.1	27.3	27.8	27.4	26.7	25.6	24.4	20.5	8.1	20.4
1999	7.5	10.8	14.9	21.4	26.7	28.2	27.8	26.6	27.0	22.4	18.2	14.6	20.6
2000	8.1	9.4	15.2	21.9	27.6	28.3	25.3	25.4	24.1	19.7	13.3	8.7	18.9
DMean	**7.2**	**9.6**	**15.8**	**21.2**	**26.7**	**28.1**	**26.7**	**25.5**	**23.8**	**19.6**	**13.6**	**8.8**	**18.9**
2001	6.0	10.2	16.5	21.7	27.8	27.6	25.4	24.7	23.0	20.3	12.9	7.9	18.7
2002	6.3	8.7	16.2	23.2	28.1	28.4	27.0	26.5	24.9	21.3	15.0	10.7	19.8
2003	8.8	12.4	17.2	24.1	26.8	28.1	26.3	25.6	24.2	16.9	12.6	7.8	19.3
2004	7.8	9.9	16.6	25.1	27.9	27.3	27.3	24.7	24.6	18.7	13.9	10.4	19.5
2005	7.2	10.9	18.1	20.6	26.9	28.6	26.5	25.2	24.8	17.8	12.9	6.3	18.9
2006	8.1	14.6	16.1	23.4	28.8	27.9	27.6	24.6	24.2	20.2	13.4	9.4	19.9
2007	7.2	13.3	16.9	24.3	28.4	29.0	26.8	25.4	25.0	17.5	12.9	8.7	19.6
2008	6.8	6.7	18.3	22.6	26.2	27.6	27.3	24.8	24.4	20.0	12.9	12.3	19.2
2009	9.7	12.1	18.6	21.7	28.9	28.4	27.5	26.6	25.5	20.9	14.5	11.4	20.5
2010	8.9	12.5	19.8	25.8	29.2	29.3	27.5	25.7	23.3	20.0	16.1	7.6	20.5
DMean	**7.7**	**11.1**	**17.5**	**23.2**	**27.9**	**28.2**	**26.9**	**25.4**	**24.4**	**19.4**	**13.7**	**9.3**	**19.6**
GMean	**7.6**	**10.3**	**16.2**	**22.1**	**26.8**	**28.0**	**26.6**	**25.2**	**23.9**	**19.2**	**13.4**	**8.9**	**19.0**
SD	1.3	1.8	1.3	1.6	1.4	0.9	0.9	1.2	1.5	1.9	2.5	1.7	0.8
CV	17.4	17.9	8.2	7.1	5.4	3.2	3.2	4.9	6.2	9.9	18.4	18.5	4.2

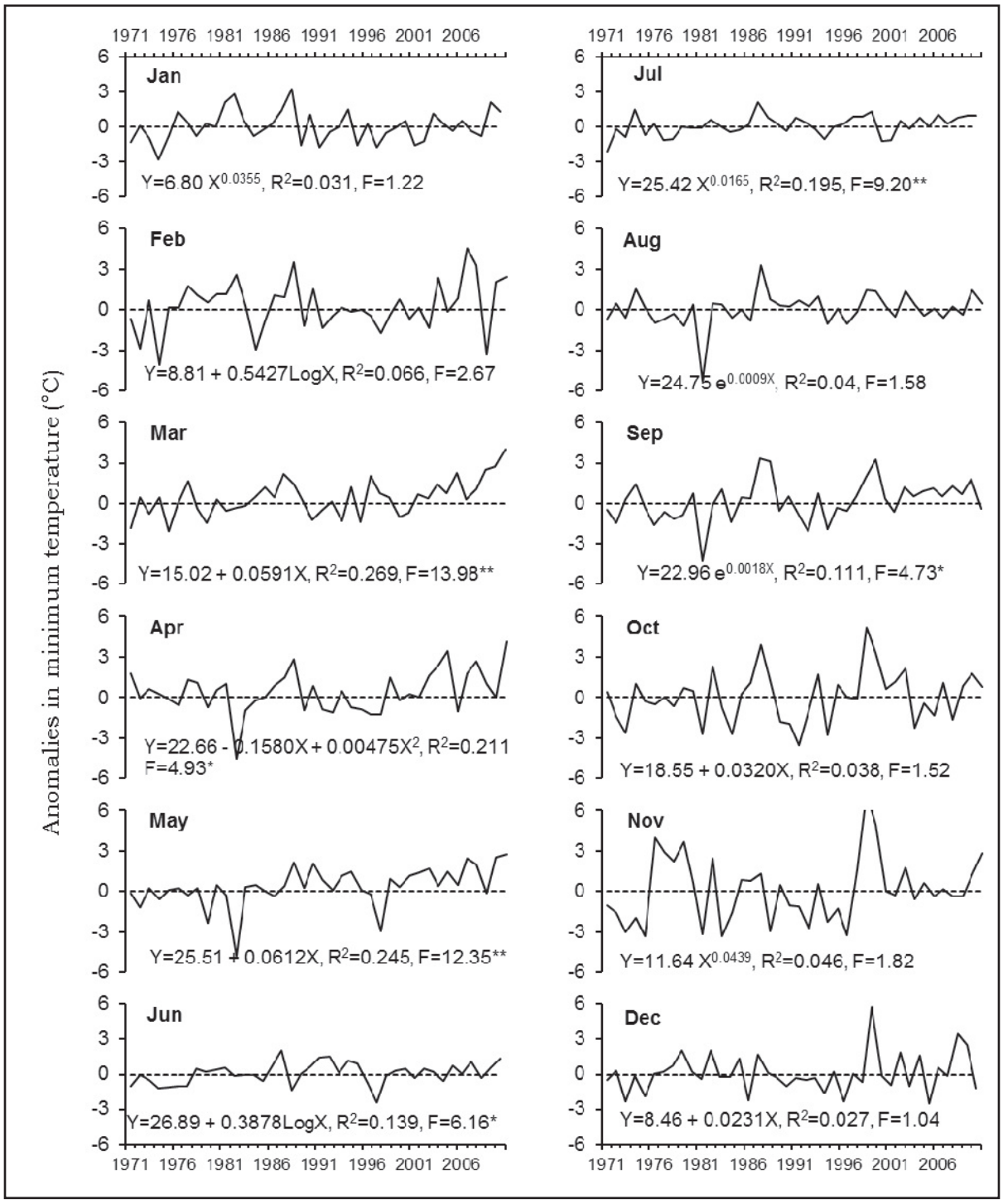

Fig. 14. Temperature anomalies (solid line) and trend (regression equation) of minimum temperature (°C).

Table 68. Mean monthly and annual mean temperature (°C)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	15.4	18.7	23.9	32.0	33.2	32.2	29.2	28.8	29.5	27.3	22.2	18.2	25.9
1972	17.0	16.0	25.5	29.8	33.5	33.6	31.0	30.1	28.9	26.9	21.4	18.0	26.0
1973	15.5	20.5	24.5	31.6	34.8	32.9	30.4	28.1	28.4	25.8	20.7	15.9	25.8
1974	15.1	16.0	26.1	30.3	33.1	32.7	32.8	31.7	31.7	27.5	20.8	17.0	26.3
1975	15.4	18.4	23.4	30.6	34.1	33.0	29.9	29.2	27.8	25.5	19.8	17.4	25.4
1976	17.4	18.7	24.4	29.4	33.9	33.3	31.6	27.9	27.1	27.2	24.0	18.1	26.1
1977	16.4	20.6	27.0	30.9	33.3	33.0	29.0	28.2	28.7	28.4	24.6	18.2	26.5
1978	16.1	19.0	23.8	30.7	34.5	34.3	29.2	29.0	28.2	27.4	23.8	18.6	26.2
1979	16.6	18.7	23.3	30.3	32.0	34.9	31.2	28.5	29.6	27.4	23.7	18.8	26.3
1980	16.7	20.2	24.6	31.6	34.7	34.7	30.9	30.2	30.9	28.7	23.1	18.0	27.0
DMean	**16.2**	**18.7**	**24.6**	**30.7**	**33.7**	**33.5**	**30.5**	**29.2**	**29.1**	**27.2**	**22.4**	**17.8**	**26.1**
1981	17.3	20.3	24.5	31.4	33.9	35.1	30.9	27.5	28.3	26.5	19.4	17.7	26.1
1982	17.6	19.5	23.5	27.6	30.2	34.3	32.1	29.5	29.9	29.4	22.8	19.1	26.3
1983	16.8	18.6	24.0	28.2	33.8	34.3	31.4	29.3	30.1	26.8	20.3	17.5	26.0
1984	15.5	16.3	26.0	30.6	34.8	33.7	30.7	28.5	27.8	26.0	21.9	18.4	25.9
1985	16.2	19.5	27.0	30.3	34.6	33.4	30.7	29.0	30.5	27.6	23.6	18.9	26.8
1986	16.8	19.1	25.2	31.1	33.9	34.4	31.3	28.5	30.4	28.8	23.3	16.0	26.6
1987	17.4	20.5	26.3	31.8	34.2	35.9	33.9	33.4	32.9	31.1	24.1	19.0	28.4
1988	19.2	22.1	25.7	32.9	36.1	34.1	30.8	30.2	31.8	28.1	21.2	18.8	27.6
1989	15.3	18.7	24.9	29.9	34.9	33.7	31.6	29.8	29.3	27.2	23.3	17.9	26.4
1990	18.8	19.7	23.4	31.1	35.4	34.5	30.1	29.1	28.6	26.1	22.1	17.7	26.4
DMean	**17.1**	**19.4**	**25.0**	**30.5**	**34.2**	**34.3**	**31.4**	**29.5**	**30.0**	**27.8**	**22.2**	**18.1**	**26.6**
1991	15.5	18.6	25.0	29.5	34.5	35.9	32.3	29.8	28.5	26.2	21.7	18.5	26.4
1992	16.6	18.0	24.4	29.1	34.4	36.4	31.8	29.2	27.0	26.7	20.8	18.5	26.1
1993	16.7	20.5	23.5	30.6	35.4	34.6	30.7	31.4	30.1	29.2	23.7	19.1	27.2
1994	18.1	19.1	27.0	29.7	35.6	35.1	29.4	27.8	27.3	26.1	21.7	17.4	26.2
1995	15.1	19.5	23.3	29.6	34.8	35.6	31.5	29.6	29.9	28.3	22.2	18.5	26.5
1996	16.5	19.6	27.0	30.3	34.2	33.3	31.1	27.6	28.7	27.4	20.4	17.0	26.1
1997	15.4	18.4	25.0	28.5	31.4	31.7	31.7	28.6	28.9	25.5	22.0	16.2	25.3
1998	15.8	19.0	23.5	32.0	35.4	34.4	32.1	31.7	31.0	29.8	26.0	18.5	27.5
1999	17.1	19.2	25.1	31.4	33.9	33.5	31.8	30.1	31.9	29.2	25.7	21.4	27.6
2000	17.9	18.4	24.6	31.4	34.2	34.1	30.4	29.8	30.1	29.1	22.8	18.8	26.8
DMean	**16.5**	**19.0**	**24.8**	**30.2**	**34.4**	**34.5**	**31.3**	**29.6**	**29.3**	**27.8**	**22.7**	**18.4**	**26.5**
2001	16.1	20.4	25.6	30.2	34.7	33.1	28.6	28.9	29.9	29.0	23.2	18.5	26.5
2002	16.0	18.5	25.7	32.0	35.4	34.6	31.9	31.0	31.2	30.1	24.0	20.1	27.6
2003	17.5	20.1	25.6	31.9	34.2	33.8	30.2	29.5	29.1	26.7	22.3	17.6	26.6
2004	17.3	20.1	27.4	33.0	34.5	33.6	31.6	28.0	30.3	26.0	22.5	18.6	26.9
2005	15.1	19.2	26.6	29.6	33.9	34.9	31.1	29.4	29.9	26.5	22.2	15.4	26.2
2006	17.4	24.3	24.5	31.3	35.5	34.2	31.7	28.0	29.5	28.1	22.8	18.3	27.1
2007	16.5	21.4	25.0	32.6	35.1	34.4	30.5	29.4	30.5	26.8	23.2	17.2	26.9
2008	15.5	16.4	27.2	30.5	33.0	32.6	31.7	28.4	29.8	28.8	23.0	20.9	26.5
2009	18.4	21.6	27.4	30.6	36.1	34.6	32.1	31.1	32.1	29.1	23.3	19.9	28.0
2010	18.2	21.5	28.8	33.9	36.6	35.5	32.4	29.4	28.4	28.3	22.7	16.8	27.7
DMean	**16.8**	**20.3**	**26.4**	**31.6**	**34.9**	**34.1**	**31.2**	**29.3**	**30.1**	**27.9**	**22.9**	**18.3**	**27.0**
GMean	**16.6**	**19.4**	**25.2**	**30.7**	**34.3**	**34.1**	**31.1**	**29.4**	**29.6**	**27.7**	**22.6**	**18.2**	**26.6**
SD	1.1	1.6	1.4	1.3	1.2	1.0	1.1	1.3	1.4	1.4	1.5	1.2	0.7
CV	6.5	8.4	5.5	4.3	3.6	3.1	3.5	4.3	4.8	5.0	6.5	6.8	2.6

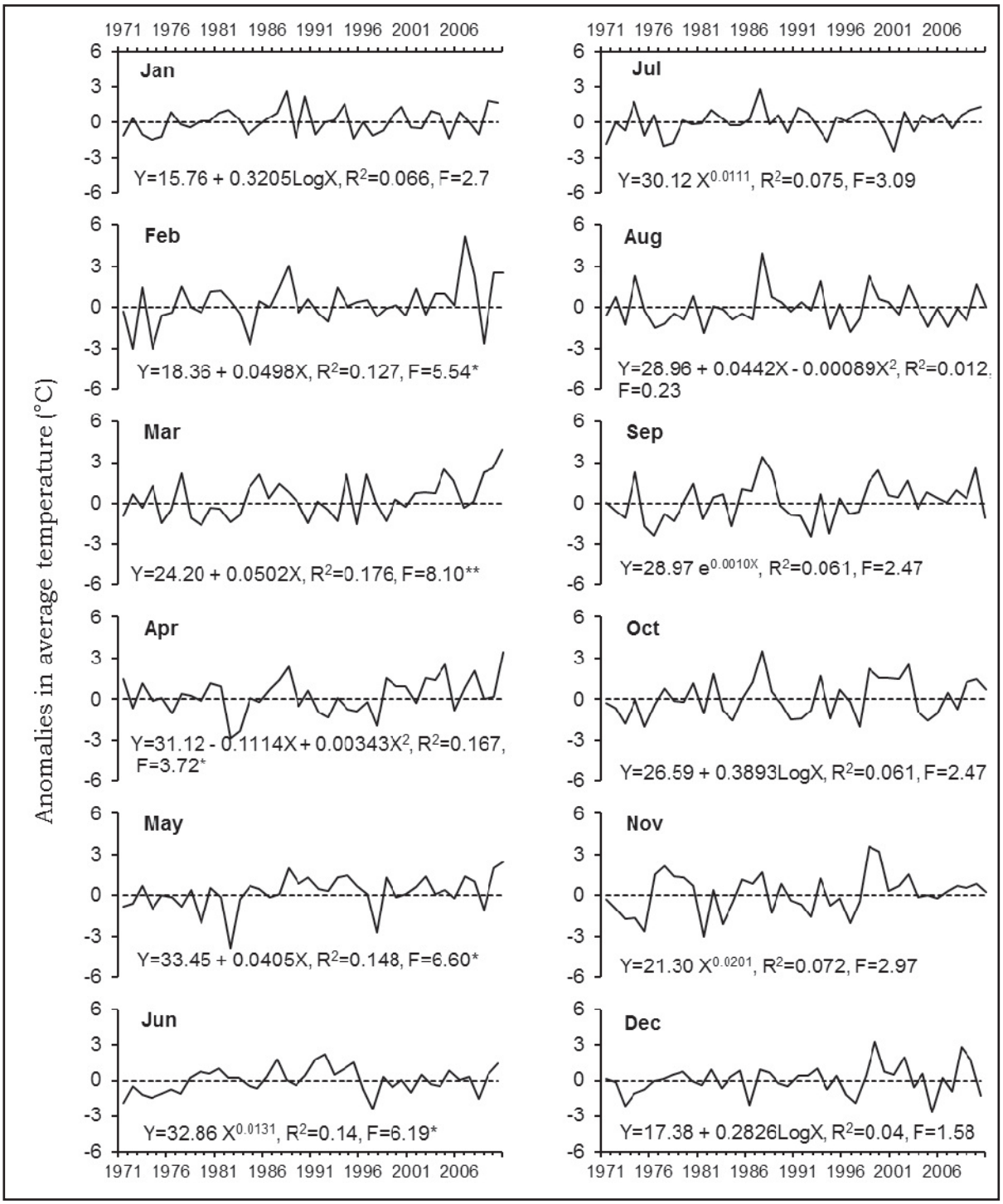

Fig. 15. Temperature anomalies (solid line) and trend (regression equation) of mean temperature (°C).

Table 69. Mean monthly and annual diurnal temperature range (°C)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	18.3	18.8	19.8	17.1	14.0	10.7	9.6	8.6	12.6	15.5	19.9	19.7	15.4
1972	18.7	17.7	18.5	16.5	16.6	11.5	9.4	8.9	13.4	18.4	19.5	17.8	15.6
1973	17.8	19.5	19.0	18.7	16.3	11.0	9.5	7.2	8.7	18.6	21.0	19.0	15.5
1974	20.7	20.2	19.6	16.9	14.7	11.9	9.6	10.0	13.2	14.8	19.1	16.7	15.6
1975	17.2	16.5	19.2	18.1	15.2	12.6	8.1	7.8	8.7	13.4	19.7	20.8	14.8
1976	17.1	17.1	17.1	16.7	14.6	12.9	9.7	7.3	10.0	17.2	13.5	18.3	14.3
1977	16.8	17.5	19.1	15.8	14.4	12.3	7.3	7.2	11.2	18.4	17.0	18.3	14.6
1978	18.7	15.8	16.6	16.0	15.7	12.0	7.6	8.1	11.2	17.8	16.7	18.0	14.5
1979	17.6	16.1	17.7	18.8	16.0	13.5	9.4	8.9	13.4	15.0	13.6	15.9	14.7
1980	18.2	18.0	16.9	18.8	15.7	12.9	9.0	9.3	13.0	18.2	18.5	18.0	15.5
DMean	**18.1**	**17.7**	**18.4**	**17.4**	**15.3**	**12.1**	**8.9**	**8.3**	**11.5**	**16.7**	**17.8**	**18.2**	**15.0**
1981	15.2	18.2	18.3	17.5	15.7	13.3	8.9	15.2	17.7	20.2	18.8	18.6	16.4
1982	14.4	13.7	15.9	21.0	17.2	13.1	10.0	7.7	12.6	16.0	14.3	16.3	14.3
1983	17.2	16.5	16.7	14.9	14.2	13.0	9.6	7.4	10.7	16.7	20.8	17.8	14.6
1984	17.5	18.6	19.5	18.2	15.9	11.7	9.4	7.7	11.0	19.1	20.5	19.6	15.7
1985	17.7	20.6	20.0	17.2	16.4	12.3	9.0	7.5	12.7	16.5	19.0	17.5	15.5
1986	17.9	15.9	17.9	17.2	15.8	11.6	9.2	8.3	12.5	17.1	18.6	18.9	15.1
1987	16.8	19.1	16.5	17.4	14.8	11.7	10.4	9.7	11.8	16.1	19.2	16.9	15.0
1988	16.9	17.2	16.8	16.7	15.2	15.1	7.1	8.4	10.1	15.5	21.9	19.7	15.0
1989	18.5	19.8	17.8	18.5	16.7	11.5	9.7	8.7	12.4	19.7	19.2	18.7	15.9
1990	20.3	16.2	17.7	17.1	13.7	12.0	8.0	7.4	8.9	17.8	19.7	19.7	14.9
DMean	**17.2**	**17.6**	**17.7**	**17.6**	**15.5**	**12.5**	**9.1**	**8.8**	**12.0**	**17.5**	**19.2**	**18.4**	**15.3**
1991	19.4	19.8	19.3	17.5	14.6	13.3	10.0	7.9	11.4	21.1	19.3	19.9	16.1
1992	19.0	16.8	16.8	17.1	15.8	13.9	10.0	7.5	10.8	17.0	20.9	20.4	15.5
1993	18.3	20.6	18.0	16.8	15.6	13.0	8.7	10.4	11.4	16.7	19.8	21.1	15.8
1994	18.0	18.5	19.9	17.5	15.4	12.2	7.9	7.2	11.0	19.6	21.4	20.4	15.7
1995	18.3	18.9	17.7	17.7	16.5	13.7	9.9	8.7	13.0	16.5	20.5	18.8	15.8
1996	17.5	20.0	18.2	19.8	16.0	12.3	8.6	6.9	11.0	16.5	20.8	20.9	15.7
1997	19.2	20.2	16.8	16.3	15.8	12.5	8.7	7.1	9.4	13.0	14.1	14.6	13.9
1998	17.6	18.6	14.5	17.8	16.1	13.2	9.4	10.1	10.9	10.9	11.1	20.8	14.2
1999	19.3	16.7	20.5	19.8	14.4	10.7	8.0	7.0	9.8	13.4	15.0	13.6	14.0
2000	19.5	18.1	19.0	19.0	13.2	11.5	10.3	8.8	12.0	18.7	19.0	20.3	15.8
DMean	**18.6**	**18.8**	**18.1**	**17.9**	**15.4**	**12.6**	**9.2**	**8.2**	**11.1**	**16.4**	**18.2**	**19.1**	**15.3**
2001	20.3	20.4	18.1	17.0	13.9	11.0	6.4	8.4	13.8	17.4	20.5	21.3	15.7
2002	19.4	19.8	18.9	17.5	14.7	12.3	9.7	9.0	12.6	17.5	17.9	18.7	15.6
2003	17.5	15.4	16.7	15.7	14.8	11.5	7.8	7.7	9.8	19.6	19.3	19.5	14.6
2004	18.9	20.3	21.5	15.9	13.2	12.5	8.6	6.5	11.3	14.6	17.2	16.4	14.7
2005	15.8	16.6	16.9	18.0	14.0	12.6	9.2	8.2	10.1	17.4	18.8	18.1	14.6
2006	18.6	19.4	16.8	15.8	13.3	12.4	8.3	6.7	10.5	15.7	18.7	17.8	14.5
2007	18.7	16.1	16.3	16.5	13.4	10.9	7.6	7.9	10.9	18.7	20.5	17.1	14.5
2008	17.4	19.4	17.6	15.7	13.5	10.0	8.8	7.2	10.8	17.6	20.2	17.2	14.6
2009	17.5	18.9	17.7	17.8	14.3	12.3	9.2	9.0	13.1	16.3	17.5	17.1	15.0
2010	18.7	18.2	17.9	16.2	14.8	12.4	9.8	7.4	10.2	16.7	13.2	18.4	14.5
DMean	**18.3**	**18.4**	**17.8**	**16.6**	**14.0**	**11.8**	**8.5**	**7.8**	**11.3**	**17.1**	**18.4**	**18.2**	**14.9**
GMean	**18.1**	**18.1**	**18.0**	**17.4**	**15.0**	**12.3**	**8.9**	**8.3**	**11.5**	**16.9**	**18.4**	**18.5**	**15.1**
SD	1.3	1.7	1.4	1.3	1.1	1.0	1.0	1.5	1.7	2.1	2.6	1.8	0.6
CV	7.1	9.5	7.9	7.3	7.1	8.1	10.7	17.9	14.7	12.4	14.1	9.5	4.2

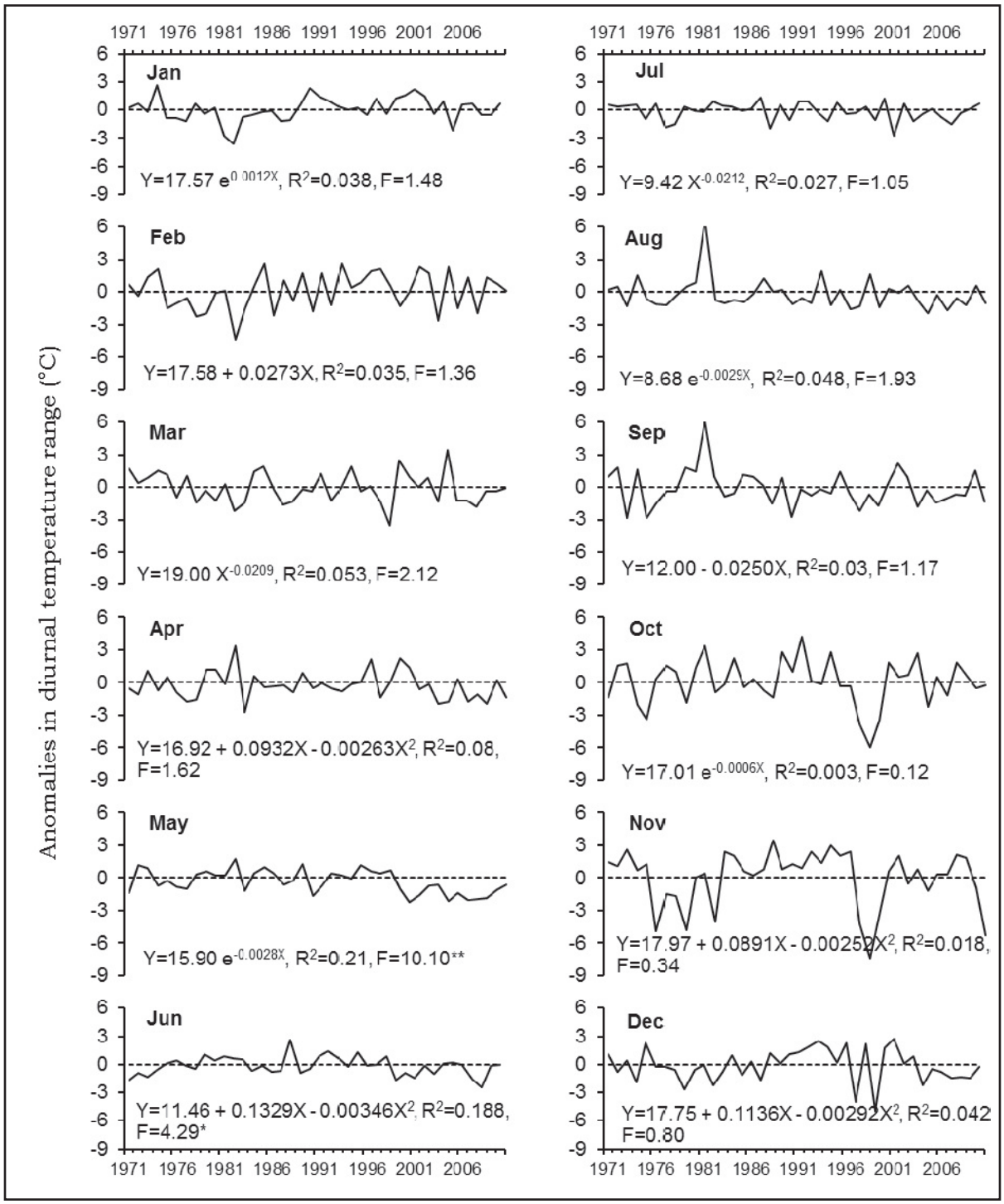

Fig. 16. Temperature anomalies (solid line) and trend (regression equation) of diurnal temperature range (°C).

Table 70. Total monthly and annual rainfall (mm)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	3.0	0.0	0.0	0.0	0.0	78.6	90.8	90.2	2.0	12.7	0.0	0.0	277.3
1972	0.0	1.1	0.0	0.0	0.0	43.6	69.4	158.0	1.6	0.0	0.0	0.0	273.7
1973	2.8	1.3	0.0	0.0	10.6	94.0	102.0	617.1	64.8	0.0	0.0	0.0	892.6
1974	0.0	0.0	0.0	2.8	13.6	30.1	14.6	54.9	11.2	74.2	0.0	0.1	201.5
1975	0.0	0.0	0.6	0.0	3.6	56.6	205.6	95.2	239.2	151.6	0.0	0.0	752.4
1976	6.4	13.3	0.0	0.0	0.0	22.9	72.1	188.9	106.7	0.0	9.0	0.0	419.3
1977	0.0	0.0	0.0	0.0	28.0	10.0	234.1	193.0	21.8	0.0	0.0	0.0	486.9
1978	0.0	10.4	0.0	4.0	0.0	22.4	231.0	104.6	32.9	22.6	13.6	0.0	441.5
1979	2.8	17.7	0.0	0.0	45.2	38.6	514.5	166.9	8.5	7.5	26.8	0.0	828.5
1980	0.0	0.2	0.0	0.0	0.0	99.5	105.6	16.4	8.7	0.0	0.0	15.4	245.8
DMean	**1.5**	**4.4**	**0.1**	**0.7**	**10.1**	**49.6**	**164.0**	**168.5**	**49.7**	**26.9**	**4.9**	**1.6**	**482.0**
1981	5.1	0.0	2.1	0.0	5.6	31.3	41.3	25.4	49.5	0.0	23.0	0.0	183.3
1982	12.4	2.8	9.8	15.3	31.8	4.6	111.8	111.1	36.1	0.0	12.1	0.4	348.2
1983	0.0	0.0	0.0	36.0	22.2	79.8	209.0	128.9	14.0	19.8	0.0	0.0	509.7
1984	0.0	0.0	0.0	0.8	0.0	28.2	74.9	93.6	48.8	0.0	0.0	0.0	246.3
1985	0.0	0.0	0.0	4.0	55.0	1.0	45.1	102.2	8.8	3.0	0.0	7.8	226.9
1986	0.0	6.8	0.0	0.0	51.4	0.2	168.6	34.8	0.0	6.7	0.0	0.0	268.5
1987	10.2	0.5	0.5	0.0	8.4	50.4	52.5	17.1	0.0	0.0	0.0	13.1	152.7
1988	0.0	0.0	0.0	4.6	0.0	42.9	227.1	45.0	141.4	0.0	0.0	0.0	461.0
1989	20.7	0.0	0.0	0.5	0.0	70.5	71.5	154.0	55.3	0.0	0.0	0.0	372.5
1990	0.0	36.6	3.4	3.5	8.3	69.2	364.6	306.4	106.0	18.6	0.0	0.0	916.6
DMean	**4.8**	**4.7**	**1.6**	**6.5**	**18.3**	**37.8**	**136.6**	**101.9**	**46.0**	**4.8**	**3.5**	**2.1**	**368.6**
1991	0.0	0.0	0.0	11.2	0.0	31.4	126.0	100.6	41.6	0.0	0.6	0.2	311.6
1992	12.6	5.6	0.0	0.0	9.2	21.7	242.9	114.5	82.1	0.0	0.0	0.0	488.6
1993	0.0	7.2	0.0	0.2	0.0	77.2	156.5	6.9	46.2	5.4	0.0	0.0	299.6
1994	1.8	0.0	0.0	17.6	0.0	8.5	326.8	297.6	26.0	0.0	0.0	0.0	678.3
1995	3.8	0.0	0.0	0.0	0.0	3.9	360.9	46.7	0.0	2.4	0.0	0.0	417.7
1996	4.5	0.0	0.0	1.7	0.0	58.0	252.9	283.8	12.0	0.0	0.0	0.0	612.9
1997	0.0	0.0	1.0	1.4	15.3	66.8	91.9	469.2	7.2	68.6	7.3	5.4	734.1
1998	0.0	0.0	6.5	0.0	0.0	17.7	22.5	84.9	20.0	39.6	0.0	0.0	191.2
1999	0.0	2.4	0.0	0.0	0.0	32.3	189.5	123.0	4.1	3.0	0.0	0.0	354.3
2000	0.0	0.0	0.0	1.5	0.0	9.6	186.5	48.6	0.0	0.0	0.0	0.0	246.2
DMean	**2.3**	**1.5**	**0.8**	**3.4**	**2.5**	**32.7**	**195.6**	**157.6**	**23.9**	**11.9**	**0.8**	**0.6**	**433.5**
2001	0.0	0.0	0.0	7.0	5.5	44.1	338.9	93.0	19.0	11.8	0.0	0.0	519.3
2002	0.0	0.0	0.0	10.5	0.0	28.5	0.0	5.0	17.5	0.0	0.0	10.0	71.5
2003	0.0	23.4	0.0	0.0	0.0	85.0	183.5	125.0	3.0	0.0	0.0	0.0	419.9
2004	0.0	0.0	0.0	0.0	0.0	51.8	70.7	186.2	0.7	16.5	0.0	0.0	325.9
2005	0.0	0.0	0.0	60.0	57.8	43.1	170.1	178.5	136.1	0.0	0.0	0.0	645.6
2006	0.0	0.0	10.2	0.0	0.0	58.5	87.1	299.4	18.0	0.0	0.0	0.0	473.2
2007	0.0	14.9	20.7	0.0	0.0	67.3	365.2	121.6	13.0	0.0	0.0	0.0	602.7
2008	0.3	0.0	0.1	10.9	53.0	144.2	35.0	168.3	58.0	0.0	0.0	0.0	469.8
2009	0.0	0.0	0.0	0.0	6.0	21.4	104.0	25.6	0.0	0.0	0.5	0.0	157.5
2010	1.0	0.0	0.0	0.0	0.0	7.2	105.5	92.1	164.4	1.4	61.1	4.7	437.4
DMean	**0.1**	**3.8**	**3.1**	**8.8**	**12.2**	**55.1**	**146.0**	**129.5**	**43.0**	**3.0**	**6.2**	**1.5**	**412.3**
GMean	**2.2**	**3.6**	**1.4**	**4.8**	**10.8**	**43.8**	**160.6**	**139.4**	**40.7**	**11.6**	**3.9**	**1.4**	**424.1**
SD	4.5	7.7	4.0	11.3	17.8	31.9	117.3	124.4	53.4	28.3	11.2	3.7	210.4
CV	205.3	214.6	289.0	233.8	165.6	72.7	73.1	89.2	131.3	243.6	289.8	260.5	49.6

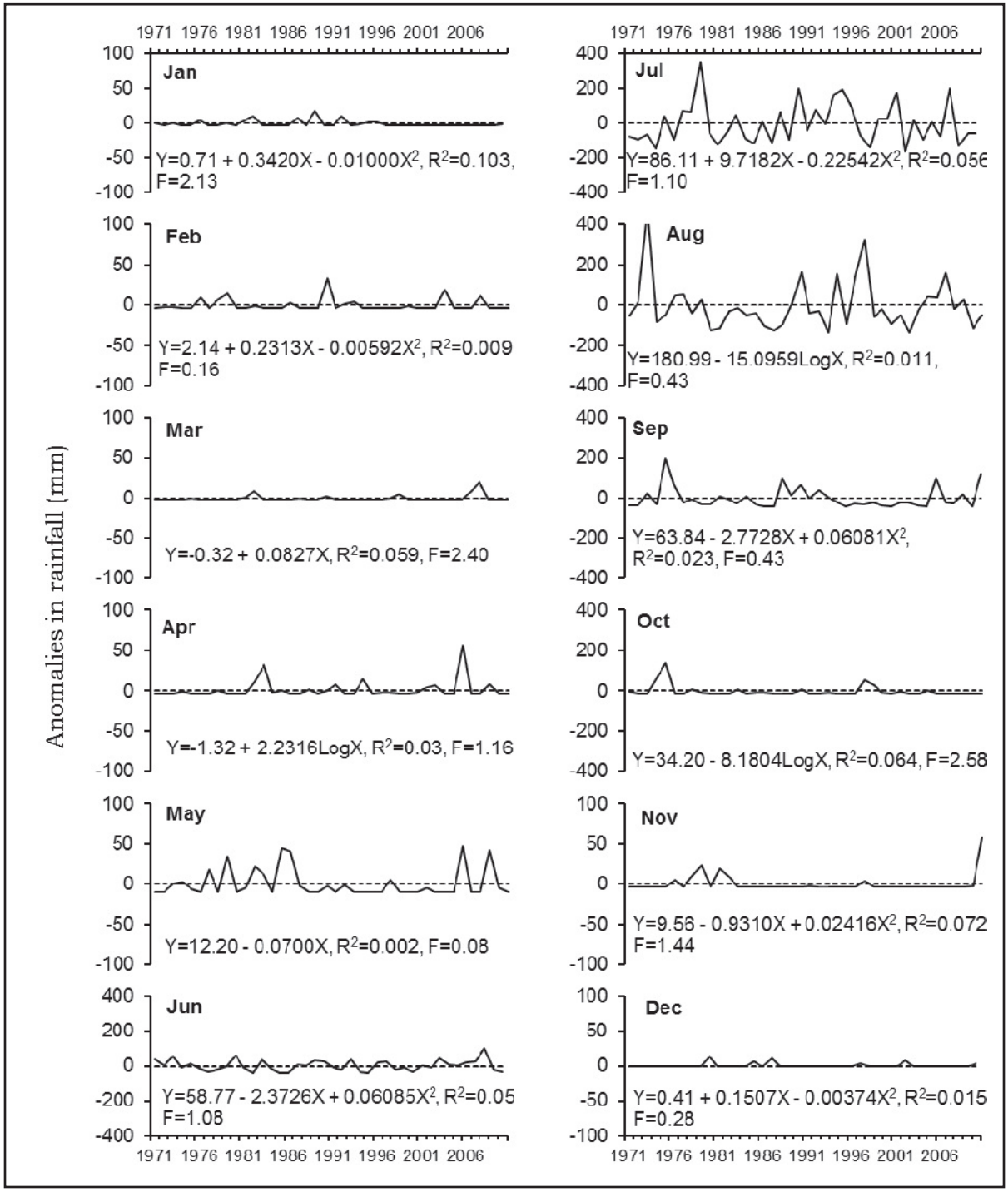

Fig. 17. Anomalies (solid line) and trend (regression equation) of rainfall (mm).

Table 71. Seasonal distribution of rainfall (mm)

Year	Winter (Jan-Feb)		Summer (Mar-May)		Monsoon (Jun-Sep)		Post-monsoon (Oct-Dec)		Annual
	Amount (mm)	% of Annual	Amount (mm)	% of Annual	Amount (mm)	% of Annual	Amount (mm)	% of Annual	
1971	3.0	1.1	0.0	0.0	261.6	94.3	12.7	4.6	277.3
1972	1.1	0.4	0.0	0.0	272.6	99.6	0.0	0.0	273.7
1973	4.1	0.5	10.6	1.2	877.9	98.4	0.0	0.0	892.6
1974	0.0	0.0	16.4	8.1	110.8	55.0	74.3	36.9	201.5
1975	0.0	0.0	4.2	0.6	596.6	79.3	151.6	20.1	752.4
1976	19.7	4.7	0.0	0.0	390.6	93.2	9.0	2.1	419.3
1977	0.0	0.0	28.0	5.8	458.9	94.2	0.0	0.0	486.9
1978	10.4	2.4	4.0	0.9	390.9	88.5	36.2	8.2	441.5
1979	20.5	2.5	45.2	5.5	728.5	87.9	34.3	4.1	828.5
1980	0.2	0.1	0.0	0.0	230.2	93.7	15.4	6.3	245.8
1981	5.1	2.8	7.7	4.2	147.5	80.5	23.0	12.5	183.3
1982	15.2	4.4	56.9	16.3	263.6	75.7	12.5	3.6	348.2
1983	0.0	0.0	58.2	11.4	431.7	84.7	19.8	3.9	509.7
1984	0.0	0.0	0.8	0.3	245.5	99.7	0.0	0.0	246.3
1985	0.0	0.0	59.0	26.0	157.1	69.2	10.8	4.8	226.9
1986	6.8	2.5	51.4	19.1	203.6	75.8	6.7	2.5	268.5
1987	10.7	7.0	8.9	5.8	120.0	78.6	13.1	8.6	152.7
1988	0.0	0.0	4.6	1.0	456.4	99.0	0.0	0.0	461.0
1989	20.7	5.6	0.5	0.1	351.3	94.3	0.0	0.0	372.5
1990	36.6	4.0	15.2	1.7	846.2	92.3	18.6	2.0	916.6
1991	0.0	0.0	11.2	3.6	299.6	96.1	0.8	0.3	311.6
1992	18.2	3.7	9.2	1.9	461.2	94.4	0.0	0.0	488.6
1993	7.2	2.4	0.2	0.1	286.8	95.7	5.4	1.8	299.6
1994	1.8	0.3	17.6	2.6	658.9	97.1	0.0	0.0	678.3
1995	3.8	0.9	0.0	0.0	411.5	98.5	2.4	0.6	417.7
1996	4.5	0.7	1.7	0.3	606.7	99.0	0.0	0.0	612.9
1997	0.0	0.0	17.7	2.4	635.1	86.5	81.3	11.1	734.1
1998	0.0	0.0	6.5	3.4	145.1	75.9	39.6	20.7	191.2
1999	2.4	0.7	0.0	0.0	348.9	98.5	3.0	0.8	354.3
2000	0.0	0.0	1.5	0.6	244.7	99.4	0.0	0.0	246.2
2001	0.0	0.0	12.5	2.4	495.0	95.3	11.8	2.3	519.3
2002	0.0	0.0	10.5	14.7	51.0	71.3	10.0	14.0	71.5
2003	23.4	5.6	0.0	0.0	396.5	94.4	0.0	0.0	419.9
2004	0.0	0.0	0.0	0.0	309.4	94.9	16.5	5.1	325.9
2005	0.0	0.0	117.8	18.2	527.8	81.8	0.0	0.0	645.6
2006	0.0	0.0	10.2	2.2	463.0	97.8	0.0	0.0	473.2
2007	14.9	2.5	20.7	3.4	567.1	94.1	0.0	0.0	602.7
2008	0.3	0.1	64.0	13.6	405.5	86.3	0.0	0.0	469.8
2009	0.0	0.0	6.0	3.8	151.0	95.9	0.5	0.3	157.5
2010	1.0	0.2	0.0	0.0	369.2	84.4	67.2	15.4	437.4
Mean	**5.8**	**1.4**	**17.0**	**4.5**	**384.4**	**89.3**	**16.9**	**4.8**	**424.1**
SD	8.7	1.9	25.1	6.4	198.6	10.3	30.0	7.7	210.4
CV	151.1	142.1	147.8	142.1	51.7	11.5	177.2	159.5	49.6

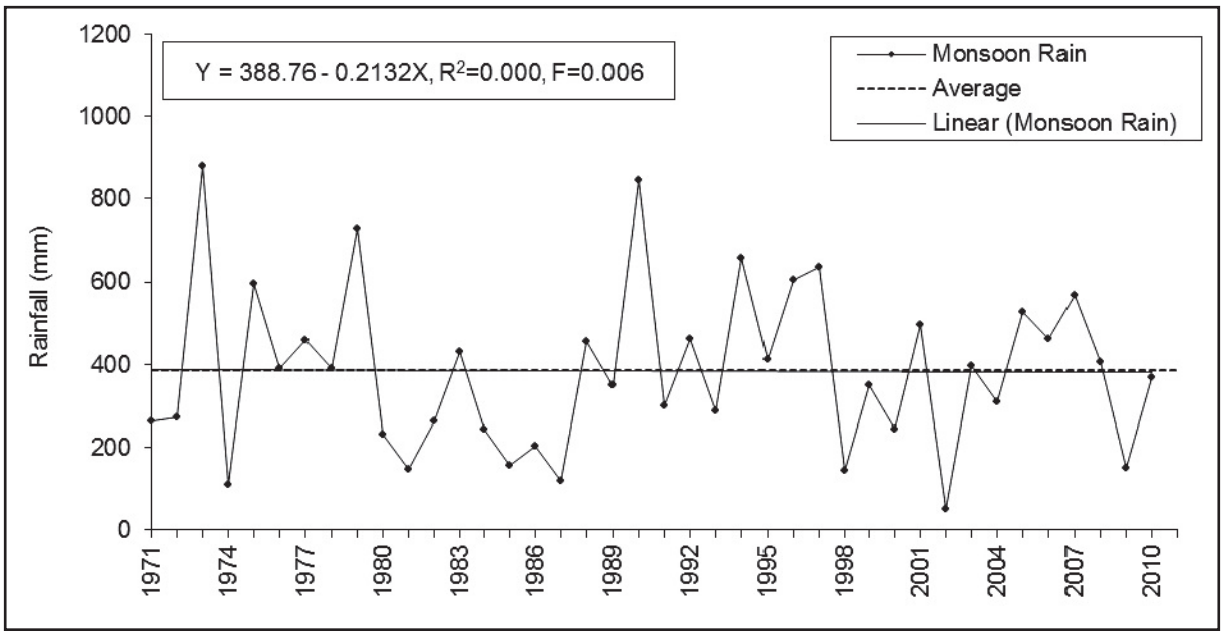

Fig. 18. Monsoon rainfall (mm) and its trend (regression equation).

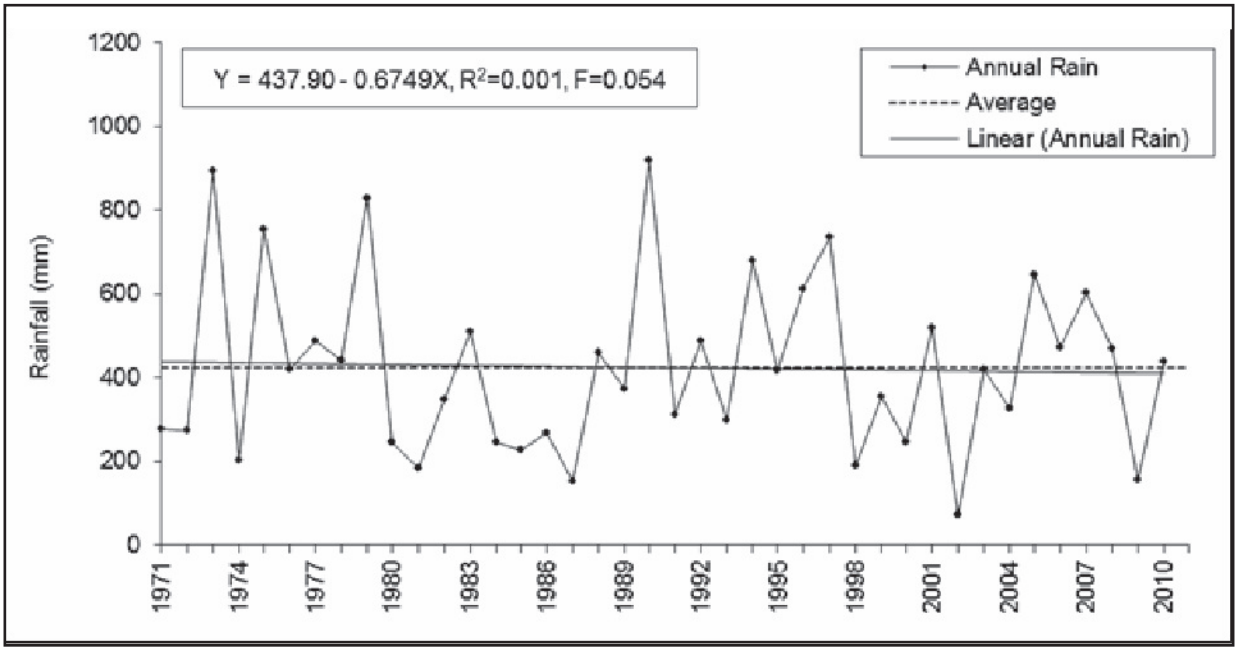

Fig. 19. Annual rainfall (mm) and its trend (regression equation).

Table 72. Monsoon (JJAS) and annual rainfall classification

Year	Monsoon rainfall (mm)	% Departure from normal (384.4 mm)	Rainfall class	Annual rainfall (mm)	% Departure from normal (424.1 mm)	Rainfall class
1971	261.6	-31.9	BN	277.3	-34.6	BN
1972	272.6	-29.1	BN	273.7	-35.5	BN
1973	877.9	128.4	Ex	892.6	110.5	Ex
1974	110.8	-71.2	SD	201.5	-52.5	SD
1975	596.6	55.2	Ex	752.4	77.4	Ex
1976	390.6	1.6	N	419.3	-1.1	N
1977	458.9	19.4	N	486.9	14.8	N
1978	390.9	1.7	N	441.5	4.1	N
1979	728.5	89.5	Ex	828.5	95.4	Ex
1980	230.2	-40.1	BN	245.8	-42.0	BN
1981	147.5	-61.6	SD	183.3	-56.8	SD
1982	263.6	-31.4	BN	348.2	-17.9	N
1983	431.7	12.3	N	509.7	20.2	N
1984	245.5	-36.1	BN	246.3	-41.9	BN
1985	157.1	-59.1	SD	226.9	-46.5	BN
1986	203.6	-47.0	BN	268.5	-36.7	BN
1987	120.0	-68.8	SD	152.7	-64.0	SD
1988	456.4	18.7	N	461.0	8.7	N
1989	351.3	-8.6	N	372.5	-12.2	N
1990	846.2	120.1	Ex	916.6	116.1	Ex
1991	299.6	-22.1	N	311.6	-26.5	BN
1992	461.2	20.0	N	488.6	15.2	N
1993	286.8	-25.4	BN	299.6	-29.4	BN
1994	658.9	71.4	Ex	678.3	60.0	Ex
1995	411.5	7.1	N	417.7	-1.5	N
1996	606.7	57.8	Ex	612.9	44.5	AN
1997	635.1	65.2	Ex	734.1	73.1	Ex
1998	145.1	-62.3	SD	191.2	-54.9	SD
1999	348.9	-9.2	N	354.3	-16.5	N
2000	244.7	-36.3	BN	246.2	-41.9	BN
2001	495.0	28.8	AN	519.3	22.5	N
2002	51.0	-86.7	SD	71.5	-83.1	SD
2003	396.5	3.2	N	419.9	-1.0	N
2004	309.4	-19.5	N	325.9	-23.1	N
2005	527.8	37.3	AN	645.6	52.2	Ex
2006	463.0	20.5	N	473.2	11.6	N
2007	567.1	47.5	AN	602.7	42.1	AN
2008	405.5	5.5	N	469.8	10.8	N
2009	151.0	-60.7	SD	157.5	-62.9	SD
2010	369.2	-4.0	N	437.4	3.1	N

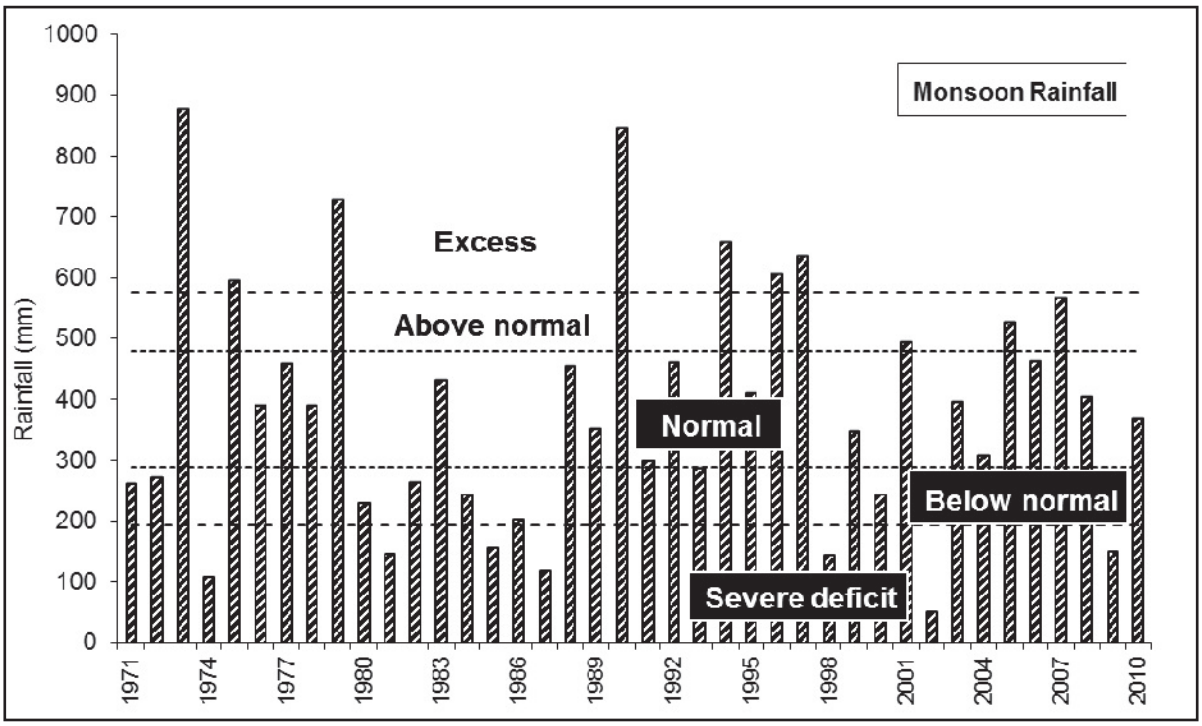

Fig. 20. Monsoon rainfall (mm) under different categories.

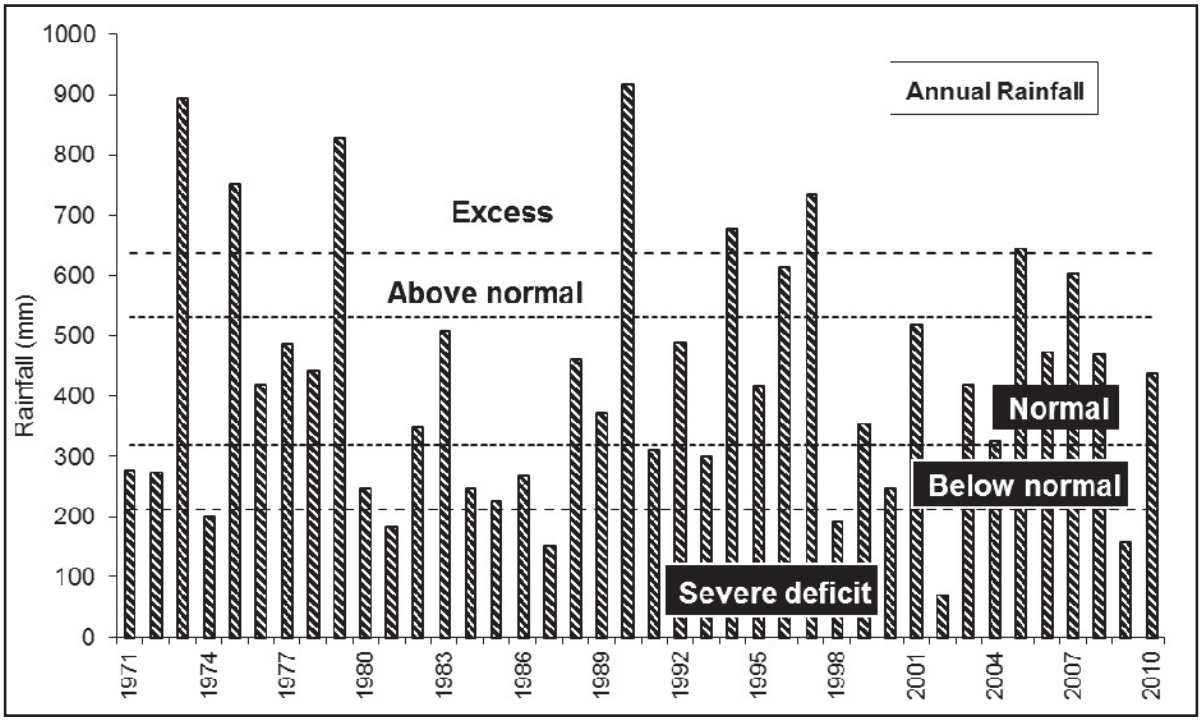

Fig. 21. Annual rainfall (mm) under different categories.

Table 73. Monthly and annual rainy days (rainfall >2.4mm)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	1	0	0	0	0	4	5	6	0	3	0	0	19
1972	0	0	0	0	0	3	5	10	0	0	0	0	18
1973	1	0	0	0	2	2	4	19	6	0	0	0	34
1974	0	0	0	1	2	1	2	3	1	3	0	0	13
1975	0	0	0	0	1	6	9	9	14	5	0	0	44
1976	1	1	0	0	0	3	6	11	4	0	1	0	27
1977	0	0	0	0	3	2	12	6	2	0	0	0	25
1978	0	1	0	0	0	2	10	7	2	1	2	0	25
1979	1	3	0	0	4	2	5	8	1	1	3	0	28
1980	0	0	0	0	0	6	6	2	2	0	0	1	17
DMean	**0**	**1**	**0**	**0**	**1**	**3**	**6**	**8**	**3**	**1**	**1**	**0**	**25**
1981	1	0	0	0	1	1	3	2	3	0	2	0	13
1982	1	1	2	2	3	1	5	6	1	0	1	0	23
1983	0	0	0	1	4	4	8	8	2	2	0	0	29
1984	0	0	0	0	0	2	5	6	3	0	0	0	16
1985	0	0	0	1	1	0	5	5	1	1	0	1	15
1986	0	1	0	0	3	0	5	4	0	1	0	0	14
1987	1	0	0	0	2	2	2	2	0	0	0	1	10
1988	0	0	0	1	0	4	11	4	5	0	0	0	25
1989	2	0	0	0	0	3	7	11	3	0	0	0	26
1990	0	3	1	1	2	3	5	8	4	1	0	0	28
DMean	**1**	**1**	**0**	**1**	**2**	**2**	**6**	**6**	**2**	**1**	**0**	**0**	**20**
1991	0	0	0	1	0	1	9	9	2	0	0	0	22
1992	1	1	0	0	1	2	6	7	4	0	0	0	22
1993	0	1	0	0	0	3	9	2	3	1	0	0	19
1994	0	0	0	1	0	2	8	14	3	0	0	0	28
1995	1	0	0	0	0	1	9	5	0	0	0	0	16
1996	1	0	0	0	0	6	9	7	1	0	0	0	24
1997	0	0	0	0	4	4	5	9	1	6	2	1	32
1998	0	0	1	0	0	4	2	4	2	2	0	0	15
1999	0	0	0	0	0	1	5	2	1	1	0	0	10
2000	0	0	0	0	0	1	8	4	0	0	0	0	13
DMean	**0**	**0**	**0**	**0**	**1**	**3**	**7**	**6**	**2**	**1**	**0**	**0**	**20**
2001	0	0	0	1	1	3	9	6	1	1	0	0	22
2002	0	0	0	2	0	4	0	1	2	0	0	1	10
2003	0	1	0	0	0	2	10	5	1	0	0	0	19
2004	0	0	0	0	0	5	5	10	0	2	0	0	22
2005	0	0	0	2	2	3	10	4	8	0	0	0	29
2006	0	0	1	0	0	5	4	12	1	0	0	0	23
2007	0	2	2	0	0	3	5	4	1	0	0	0	17
2008	0	0	0	1	4	3	3	9	1	0	0	0	21
2009	0	0	0	0	1	2	7	3	0	0	0	0	13
2010	0	0	0	0	0	1	10	9	6	0	6	1	33
DMean	**0**	**0**	**0**	**1**	**1**	**3**	**6**	**6**	**2**	**0**	**1**	**0**	**21**
GMean	**0**	**0**	**0**	**0**	**1**	**3**	**6**	**7**	**2**	**1**	**0**	**0**	**21**
SD	0.5	0.8	0.5	0.6	1.4	1.6	2.8	3.7	2.7	1.4	1.2	0.4	7.5
CV	172	206	286	167	135	59	45	57	116	179	271	241	35

Table 74. Number of days with different amount of rainfall (mm)

Year	Number of days with different rainfall amounts (mm)									
	0.1-2.4	**2.5-5.0**	**5.1-10.0**	**10.1-20.0**	**20.1-40.0**	**40.1-60.0**	**60.1-80.0**	**80.1-100**	**>100.0**	**Total**
1971	3	7	7	0	3	2	0	0	0	22
1972	5	4	5	3	5	1	0	0	0	23
1973	13	8	6	9	4	3	2	0	2	47
1974	6	3	3	2	5	0	0	0	0	19
1975	10	12	8	10	11	3	0	0	0	54
1976	9	4	6	12	4	0	1	0	0	36
1977	2	7	6	6	3	0	2	0	1	27
1978	13	4	8	6	5	1	0	1	0	38
1979	4	7	9	3	4	0	2	0	3	32
1980	11	5	6	3	1	2	0	0	0	28
1981	14	4	1	6	2	0	0	0	0	27
1982	13	9	4	5	3	1	1	0	0	36
1983	18	11	3	8	3	3	0	1	0	47
1984	15	1	6	5	4	0	0	0	0	31
1985	7	5	4	2	3	1	0	0	0	22
1986	9	3	4	4	0	3	0	0	0	23
1987	9	3	2	2	3	0	0	0	0	19
1988	11	3	6	8	6	1	1	0	0	36
1989	12	6	7	8	4	1	0	0	0	38
1990	14	7	1	6	9	2	0	0	3	42
1991	7	6	6	4	4	2	0	0	0	29
1992	11	2	10	5	2	2	0	0	1	33
1993	9	3	5	7	3	1	0	0	0	28
1994	16	9	5	7	4	0	1	1	1	44
1995	12	6	2	4	1	1	0	1	1	28
1996	5	5	2	9	4	1	2	0	1	29
1997	8	10	7	8	3	2	0	0	2	40
1998	13	7	2	3	3	0	0	0	0	28
1999	2	3	0	2	3	0	0	0	2	12
2000	5	4	2	3	2	2	0	0	0	18
2001	3	2	6	4	6	3	1	0	0	25
2002	2	5	3	2	0	0	0	0	0	12
2003	3	5	2	3	6	2	1	0	0	22
2004	5	5	6	5	5	1	0	0	0	27
2005	2	6	10	2	4	5	1	0	1	31
2006	2	5	4	4	6	4	0	0	0	25
2007	10	2	7	3	2	1	1	0	1	27
2008	9	1	7	4	6	2	1	0	0	30
2009	7	0	7	5	1	0	0	0	0	20
2010	11	10	9	8	4	2	0	0	0	44
Mean	**8.5**	**5.2**	**5.1**	**5.0**	**3.8**	**1.4**	**0.4**	**0.1**	**0.5**	**30.0**
SD	4.4	2.8	2.6	2.7	2.2	1.3	0.7	0.3	0.8	9.6
CV	52.3	54.0	50.6	53.2	57.1	91.2	158.8	303.8	178.3	31.9

Table 75. Mean monthly and annual evaporation (mm)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	4.9	7.5	9.6	13.4	13.5	12.2	7.2	6.6	9.5	7.4	6.5	5.9	8.7
1972	4.5	6.2	9.0	12.7	15.3	14.6	11.5	7.9	9.7	8.7	5.9	5.0	9.3
1973	4.8	7.0	10.1	14.1	17.1	13.1	6.9	3.9	5.2	5.8	4.2	4.1	8.0
1974	4.2	6.0	9.4	13.8	15.8	14.8	12.2	11.2	10.4	7.2	5.0	4.7	9.6
1975	4.6	6.8	9.4	12.5	17.3	12.7	6.4	5.6	3.6	4.0	4.1	3.8	7.6
1976	3.8	4.9	8.2	12.0	16.4	15.4	10.7	3.9	4.7	7.0	4.6	4.2	8.0
1977	5.0	8.2	11.9	14.7	15.5	13.8	5.4	4.8	7.8	8.5	5.3	4.4	8.8
1978	4.3	4.2	5.9	8.6	12.6	12.7	4.6	5.2	5.8	6.0	5.5	4.7	6.7
1979	4.8	5.1	8.0	12.8	12.6	14.7	11.1	5.4	7.9	6.5	4.0	3.6	8.0
1980	4.3	5.9	8.5	12.8	17.2	13.7	7.3	7.7	9.1	8.2	6.7	3.9	8.8
DMean	**4.5**	**6.2**	**9.0**	**12.7**	**15.3**	**13.8**	**8.3**	**6.2**	**7.4**	**6.9**	**5.2**	**4.4**	**8.3**
1981	4.4	6.1	8.5	12.9	16.8	16.5	8.9	8.3	8.4	9.0	4.2	5.5	9.1
1982	4.4	6.3	9.1	12.4	13.4	16.0	11.3	6.4	7.9	8.5	5.1	4.6	8.8
1983	4.2	5.1	8.3	9.4	11.8	11.7	6.9	3.7	4.5	5.3	3.9	3.6	6.5
1984	3.4	4.9	7.9	11.9	14.6	12.6	8.2	4.5	4.7	5.9	4.4	4.1	7.2
1985	4.9	5.5	7.8	11.4	13.7	14.0	8.6	4.3	6.9	6.4	4.9	3.7	7.7
1986	4.6	5.4	8.7	12.7	15.4	13.8	10.0	5.5	7.7	7.7	6.1	5.1	8.6
1987	4.2	5.8	8.6	13.2	15.0	15.4	13.4	10.8	11.2	9.2	6.9	4.8	9.9
1988	5.5	7.1	9.8	13.1	18.3	15.5	7.2	6.0	7.2	5.9	4.8	4.6	8.7
1989	3.8	6.0	9.0	11.8	16.5	12.0	10.0	7.0	6.3	6.9	6.2	4.4	8.3
1990	5.5	4.9	8.6	12.6	16.2	14.7	8.0	4.7	5.0	5.3	4.4	4.3	7.8
DMean	**4.5**	**5.7**	**8.6**	**12.1**	**15.2**	**14.2**	**9.2**	**6.1**	**7.0**	**7.0**	**5.1**	**4.5**	**8.3**
1991	3.7	5.4	7.7	10.6	14.2	14.5	9.4	7.3	6.4	7.2	5.5	4.3	8.0
1992	4.3	4.7	7.3	10.8	15.0	15.7	9.3	4.3	3.9	6.5	5.1	4.8	7.6
1993	4.7	5.5	7.9	12.3	18.0	15.8	8.2	9.8	6.1	7.0	5.7	4.4	8.8
1994	3.6	5.9	8.3	8.7	15.8	12.4	4.4	3.9	4.3	4.7	4.4	4.2	6.7
1995	3.8	5.1	7.2	10.6	14.5	12.5	7.4	5.8	5.6	5.8	4.3	4.3	7.3
1996	4.0	5.6	9.0	10.9	14.6	10.2	6.7	4.0	5.1	5.3	4.3	3.7	6.9
1997	3.9	4.9	7.1	10.0	11.3	11.0	8.6	5.1	6.1	5.3	4.2	3.9	6.8
1998	3.6	5.0	5.0	11.5	17.4	12.4	7.7	8.1	5.6	5.7	3.7	3.4	7.5
1999	3.6	4.8	6.8	11.0	12.2	9.9	7.6	4.7	6.8	4.7	3.6	2.6	6.5
2000	3.2	4.0	6.2	9.2	11.9	10.3	5.0	5.0	6.5	6.9	4.2	3.6	6.3
DMean	**3.8**	**5.1**	**7.2**	**10.6**	**14.5**	**12.5**	**7.4**	**5.8**	**5.6**	**5.9**	**4.5**	**3.9**	**7.2**
2001	3.6	5.4	7.8	9.9	13.7	10.0	3.2	3.9	5.7	5.7	4.4	3.1	6.4
2002	3.0	4.1	6.5	10.1	14.3	10.8	9.6	7.2	8.1	7.8	4.9	3.6	7.5
2003	4.4	4.6	7.5	10.7	15.5	12.4	4.9	4.2	4.9	5.6	4.3	3.3	6.9
2004	3.3	5.1	8.2	12.3	13.9	11.7	10.3	4.4	6.5	5.3	4.6	3.7	7.4
2005	3.3	5.2	7.6	10.7	13.1	12.6	7.3	5.5	4.7	4.6	4.5	3.0	6.8
2006	3.7	5.7	7.2	11.4	15.6	12.4	7.6	3.5	5.3	5.8	3.9	3.2	7.1
2007	3.1	4.9	7.3	10.9	14.1	12.1	6.6	5.2	5.8	5.9	3.9	3.1	6.9
2008	3.4	4.1	7.2	9.4	11.9	8.5	7.0	4.1	5.2	5.5	4.5	3.3	6.2
2009	3.4	5.1	8.3	11.2	15.6	12.5	6.7	6.7	9.0	7.2	4.7	3.7	7.8
2010	3.6	5.5	9.5	13.1	16.3	13.6	7.5	3.7	4.6	5.3	3.0	2.3	7.3
DMean	**3.5**	**5.0**	**7.7**	**11.0**	**14.4**	**11.7**	**7.1**	**4.8**	**6.0**	**5.9**	**4.3**	**3.2**	**7.0**
GMean	**4.1**	**5.5**	**8.2**	**11.6**	**14.8**	**13.0**	**8.0**	**5.7**	**6.5**	**6.4**	**4.8**	**4.0**	**7.7**
SD	0.6	0.9	1.3	1.5	1.8	1.9	2.2	1.9	1.9	1.3	0.9	0.8	1.0
CV	15.7	16.9	15.5	13.0	12.3	14.7	28.0	34.0	28.7	20.2	18.4	18.7	12.5

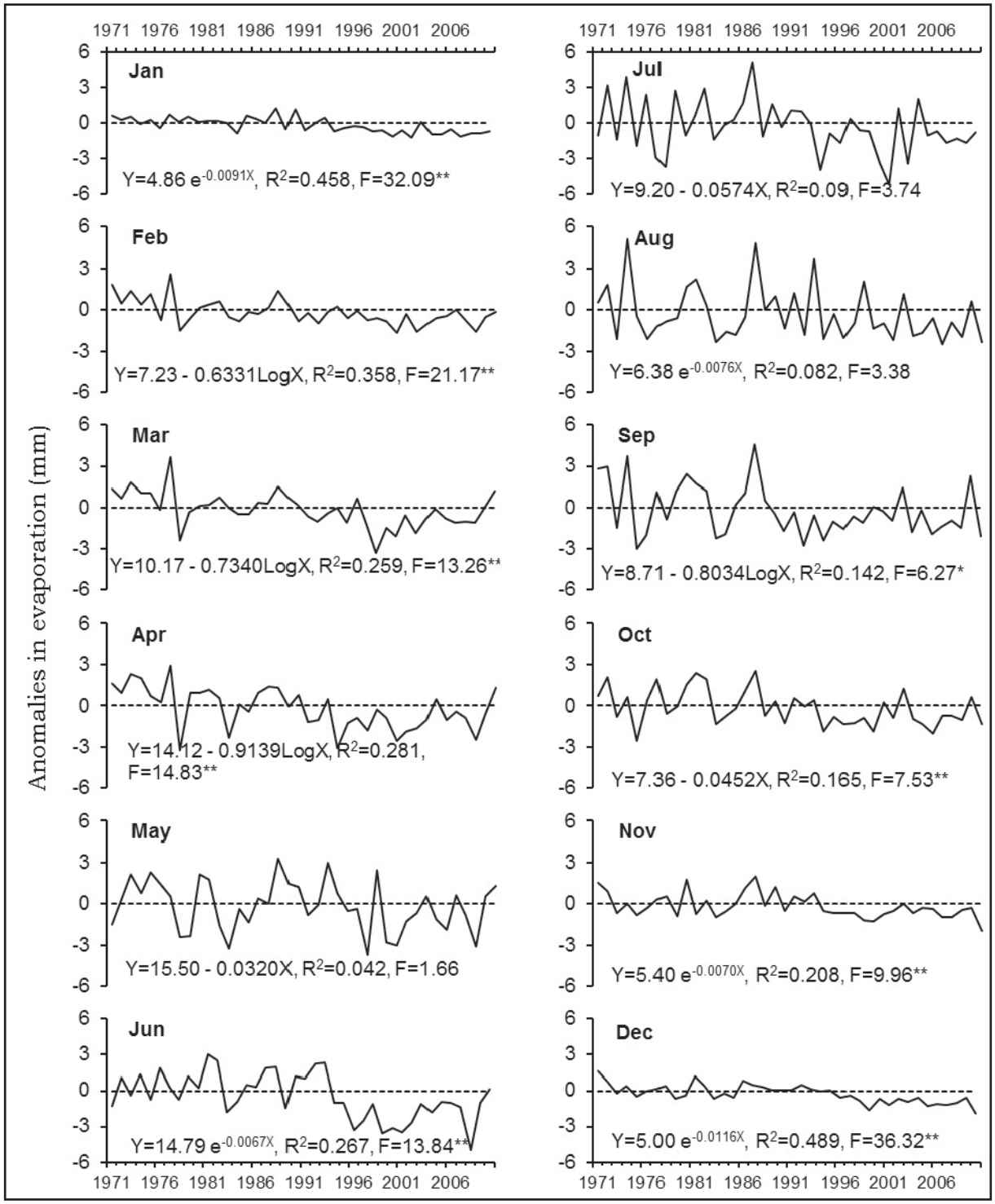

Fig. 22. Anomalies (solid line) and trend (regression equation) of evaporation (mm).

Table 76. Mean monthly and annual RH-I (%)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	72	47	42	39	59	72	72	78	79	78	61	63	64
1972	63	59	49	49	45	58	78	84	53	54	53	66	59
1973	61	56	39	30	46	66	83	91	91	79	83	76	67
1974	67	59	47	47	46	67	68	74	66	68	54	66	61
1975	62	48	38	26	42	60	69	85	94	90	77	85	65
1976	85	79	60	44	51	66	80	90	92	70	83	76	73
1977	73	64	37	47	57	69	93	90	84	57	68	71	68
1978	61	62	49	46	50	66	88	88	84	66	72	70	67
1979	72	66	39	30	38	62	79	89	76	75	87	79	66
1980	74	65	46	37	43	63	82	81	73	51	48	64	61
DMean	**69**	**61**	**45**	**39**	**48**	**65**	**79**	**85**	**79**	**69**	**69**	**72**	**65**
1981	70	56	54	29	45	64	84	83	73	51	71	55	61
1982	69	59	52	47	48	61	79	85	74	60	72	67	65
1983	58	52	37	58	59	66	78	92	84	71	69	69	66
1984	62	51	34	39	45	66	81	92	80	49	50	50	58
1985	62	39	34	40	41	68	77	81	66	48	43	60	55
1986	60	60	39	33	51	60	75	85	68	54	48	53	57
1987	56	44	45	31	47	64	69	70	61	39	37	63	52
1988	53	43	41	31	51	63	87	88	79	70	55	60	60
1989	73	55	46	31	38	67	80	86	82	55	52	68	61
1990	61	69	47	39	55	67	84	91	91	67	68	74	68
DMean	**62**	**53**	**43**	**38**	**48**	**65**	**79**	**85**	**76**	**56**	**57**	**62**	**60**
1991	72	64	43	46	55	59	79	83	80	48	60	69	63
1992	66	83	54	40	44	56	80	91	92	76	75	76	69
1993	74	58	51	39	48	64	83	71	82	60	54	53	61
1994	76	58	36	38	47	64	89	93	88	69	71	72	67
1995	68	54	40	36	39	56	78	82	76	72	76	75	63
1996	67	61	39	33	51	67	81	88	81	70	58	62	63
1997	65	58	58	48	60	75	78	88	84	79	77	84	71
1998	78	63	48	20	28	47	69	72	78	70	58	71	58
1999	58	60	51	47	61	72	78	81	72	66	62	66	64
2000	65	56	39	42	61	62	83	80	71	50	52	58	60
DMean	**69**	**62**	**46**	**39**	**49**	**62**	**80**	**83**	**80**	**66**	**64**	**69**	**64**
2001	59	48	38	41	60	70	90	87	74	66	63	75	65
2002	72	69	55	46	58	70	72	74	70	40	49	58	61
2003	59	66	48	46	48	70	87	89	87	62	65	76	67
2004	77	54	33	46	56	68	73	91	76	71	56	64	64
2005	71	61	48	36	52	66	81	81	82	62	58	64	64
2006	53	46	41	35	50	59	75	92	82	65	58	63	60
2007	59	69	54	45	53	64	82	85	76	55	58	71	64
2008	56	45	37	39	65	74	77	90	80	61	58	70	63
2009	72	56	48	33	53	63	79	78	67	52	52	61	59
2010	64	50	38	40	51	57	82	90	84	70	81	87	66
DMean	**64**	**56**	**44**	**41**	**55**	**66**	**80**	**86**	**78**	**60**	**60**	**69**	**63**
GMean	**66**	**58**	**44**	**39**	**50**	**64**	**80**	**85**	**78**	**63**	**62**	**68**	**63**
SD	7.4	9.3	7.1	7.6	7.7	5.4	5.8	6.4	8.9	11.4	11.9	8.7	4.2
CV	11.2	16.2	16.0	19.3	15.4	8.4	7.4	7.5	11.3	18.0	19.1	12.9	6.6

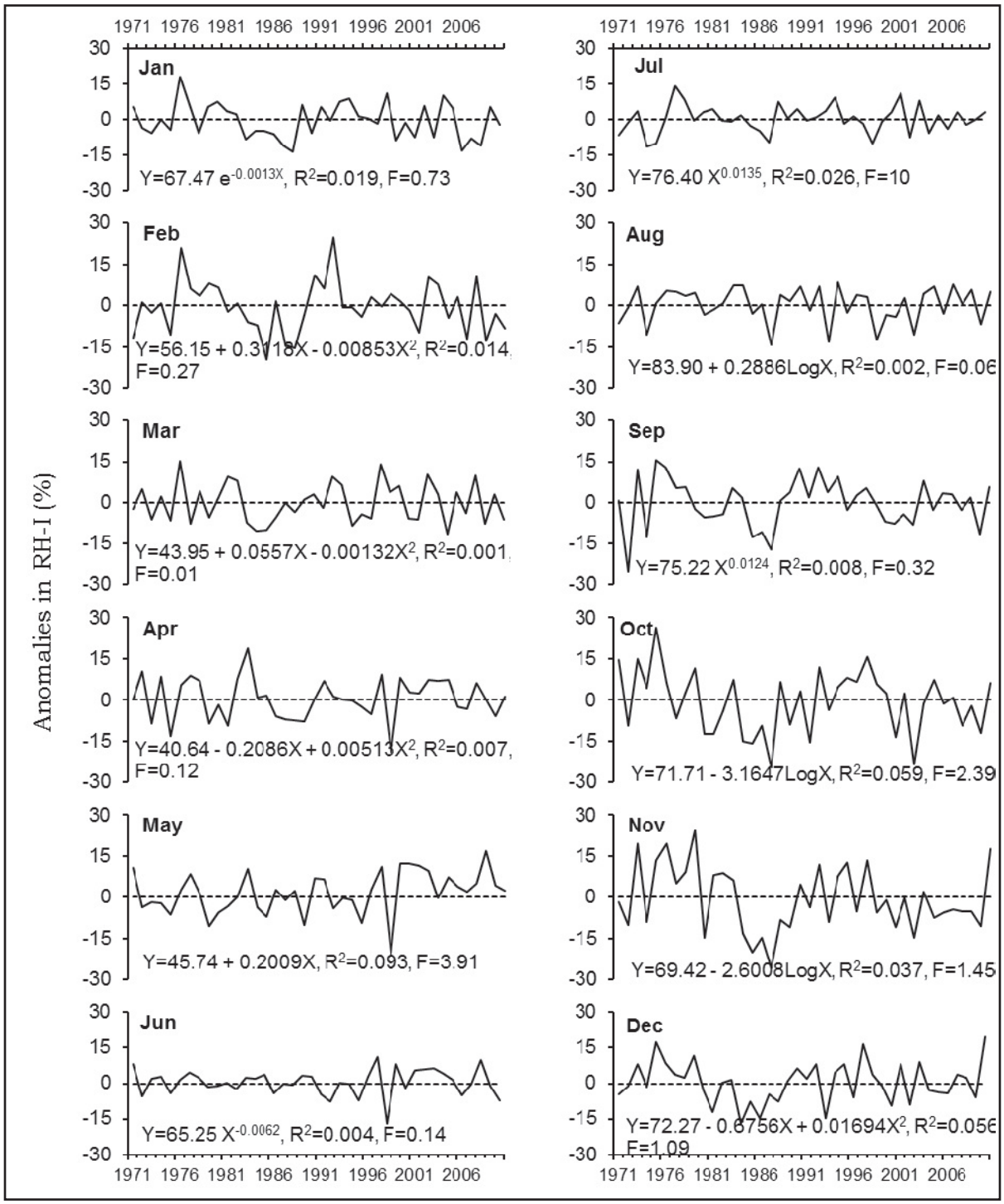

Fig. 23. Anomalies (solid line) and trend (regression equation) of RH-I (%).

Table 77. Mean monthly and annual RH-II (%)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	25	17	17	16	23	41	51	50	32	24	33	22	29
1972	33	36	24	24	28	33	57	67	42	22	23	33	35
1973	40	29	20	10	20	39	73	81	63	28	25	27	38
1974	17	34	16	20	19	32	43	45	31	36	17	27	28
1975	23	16	17	9	17	30	50	63	71	51	21	26	33
1976	36	36	24	17	19	33	53	72	60	26	45	24	37
1977	27	25	12	17	24	35	78	71	50	20	31	34	35
1978	29	24	17	17	17	34	67	66	49	23	33	24	33
1979	27	26	15	9	16	29	54	72	39	36	53	34	34
1980	27	19	17	19	17	33	57	53	38	21	19	30	29
DMean	**28**	**26**	**18**	**16**	**20**	**34**	**58**	**64**	**48**	**29**	**30**	**28**	**33**
1981	26	20	21	12	18	25	58	54	40	21	30	23	29
1982	34	26	20	19	28	28	49	62	39	24	34	30	33
1983	22	20	15	29	24	34	57	79	52	35	24	31	35
1984	27	14	11	18	16	36	52	71	48	18	18	20	29
1985	22	10	7	13	18	35	50	69	40	21	17	26	27
1986	25	30	20	14	20	31	51	61	37	19	18	16	28
1987	26	16	18	9	18	33	38	43	30	12	8	25	23
1988	22	17	19	9	13	28	63	61	47	30	15	23	29
1989	25	19	19	9	11	37	51	61	44	17	16	26	28
1990	18	34	14	13	23	33	58	71	65	27	26	23	34
DMean	**25**	**21**	**16**	**14**	**19**	**32**	**53**	**63**	**44**	**22**	**21**	**24**	**30**
1991	24	22	14	14	21	28	54	63	52	13	26	22	29
1992	31	52	21	13	16	25	52	67	61	34	37	22	36
1993	27	16	26	15	20	31	61	43	49	26	19	16	29
1994	29	21	15	15	19	32	69	74	59	21	23	25	34
1995	28	20	17	15	15	26	54	56	36	36	27	41	31
1996	31	16	13	9	20	42	55	71	51	29	19	21	32
1997	37	20	30	22	26	41	51	64	54	46	41	48	40
1998	43	26	20	10	18	36	51	49	48	51	40	33	35
1999	43	34	23	19	32	44	58	59	47	32	28	27	37
2000	33	30	26	24	31	37	60	57	45	26	22	19	34
DMean	**33**	**26**	**20**	**16**	**22**	**34**	**56**	**60**	**50**	**31**	**28**	**27**	**34**
2001	21	19	17	23	33	46	73	69	45	31	27	30	36
2002	31	26	33	29	27	40	46	50	37	21	22	27	32
2003	28	31	24	23	21	42	71	67	57	29	31	33	38
2004	36	16	13	20	29	42	50	70	46	35	28	27	34
2005	34	29	20	16	21	35	55	56	57	24	18	23	32
2006	23	20	19	15	23	30	49	73	51	29	21	28	32
2007	20	26	22	19	23	46	63	63	45	25	20	37	34
2008	20	14	13	15	36	50	55	73	55	35	30	40	37
2009	38	29	29	21	27	33	57	53	36	28	31	35	35
2010	34	25	21	22	23	35	59	72	60	39	55	41	40
DMean	**28**	**23**	**21**	**20**	**26**	**40**	**58**	**64**	**49**	**30**	**28**	**32**	**35**
GMean	**28**	**24**	**19**	**17**	**22**	**35**	**56**	**63**	**48**	**28**	**27**	**28**	**33**
SD	6.5	8.0	5.3	5.4	5.6	5.9	8.3	9.7	9.9	8.9	10.0	7.0	3.8
CV	22.8	33.5	28.0	32.9	25.8	16.9	14.8	15.3	20.7	31.7	37.3	25.0	11.5

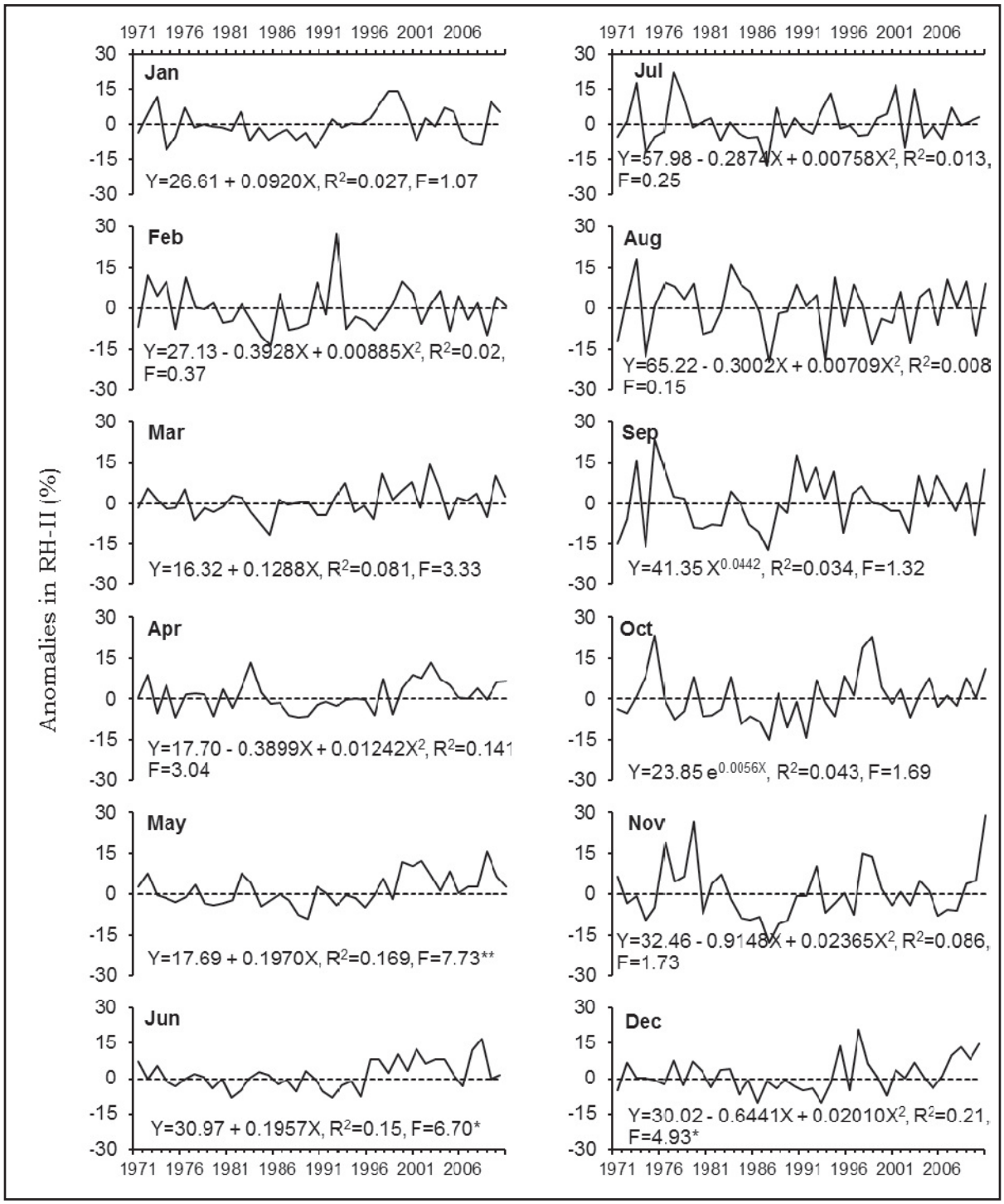

Fig. 24. Anomalies (solid line) and trend (regression equation) of RH-II (%).

Table 78. Mean monthly and annual RH-Mean (%)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	48	32	29	27	41	56	62	64	56	51	47	42	46
1972	48	48	37	37	36	46	68	75	47	38	38	50	47
1973	51	42	29	20	33	52	78	86	77	54	54	51	52
1974	42	47	32	34	32	49	55	59	49	52	35	46	44
1975	43	32	27	17	30	45	60	74	83	70	49	55	49
1976	60	58	42	31	35	49	66	81	76	48	64	50	55
1977	50	45	24	32	40	52	86	80	67	38	49	53	51
1978	45	43	33	31	33	50	78	77	67	45	53	47	50
1979	50	46	27	19	27	46	67	80	57	55	70	56	50
1980	51	42	32	28	30	48	70	67	56	36	34	47	45
DMean	**49**	**43**	**31**	**28**	**34**	**49**	**69**	**74**	**63**	**49**	**49**	**50**	**49**
1981	48	38	38	20	31	45	71	69	57	36	51	39	45
1982	51	42	36	33	38	45	64	74	57	42	53	49	49
1983	40	36	26	43	42	50	67	85	68	53	47	50	51
1984	44	32	23	29	30	51	66	82	64	33	34	35	44
1985	42	25	21	27	29	51	63	75	53	34	30	43	41
1986	43	45	30	23	36	45	63	73	52	37	33	35	43
1987	41	30	31	20	32	48	54	56	46	26	23	44	38
1988	38	30	30	20	32	46	75	74	63	50	35	41	45
1989	49	37	32	20	25	52	65	74	63	36	34	47	45
1990	40	52	31	26	39	50	71	81	78	47	47	49	51
DMean	**44**	**37**	**30**	**26**	**33**	**48**	**66**	**74**	**60**	**39**	**39**	**43**	**45**
1991	48	43	28	30	38	44	66	73	66	31	43	45	46
1992	48	67	37	26	30	41	66	79	76	55	56	49	53
1993	51	37	38	27	34	47	72	57	66	43	37	34	45
1994	52	39	26	27	33	48	79	83	74	45	47	48	50
1995	48	37	29	26	27	41	66	69	56	54	51	58	47
1996	49	39	26	21	36	54	68	80	66	50	38	41	47
1997	51	39	44	35	43	58	64	76	69	63	59	66	56
1998	60	44	34	15	23	41	60	60	63	60	49	52	47
1999	50	47	37	33	46	58	68	70	59	49	45	47	51
2000	49	43	32	33	46	49	71	69	58	38	37	39	47
DMean	**51**	**44**	**33**	**27**	**36**	**48**	**68**	**72**	**65**	**49**	**46**	**48**	**49**
2001	40	33	28	32	46	58	81	78	59	49	45	53	50
2002	52	47	44	37	42	55	59	62	54	31	35	43	47
2003	43	48	36	34	35	56	79	78	72	46	48	55	53
2004	56	35	23	33	42	55	62	81	61	53	42	46	49
2005	53	45	34	26	36	50	68	69	70	43	38	43	48
2006	38	33	30	25	37	44	62	83	66	47	40	45	46
2007	39	48	38	32	38	55	73	74	60	40	39	54	49
2008	38	30	25	27	51	62	66	81	68	48	44	55	50
2009	55	42	38	27	40	48	68	65	52	40	42	48	47
2010	49	38	30	31	37	46	70	81	72	54	68	64	53
DMean	**46**	**40**	**33**	**31**	**40**	**53**	**69**	**75**	**63**	**45**	**44**	**51**	**49**
GMean	**47**	**41**	**32**	**28**	**36**	**50**	**68**	**74**	**63**	**46**	**45**	**48**	**48**
SD	5.8	8.1	5.7	6.1	6.2	5.1	6.9	7.9	9.0	9.5	10.2	7.1	3.7
CV	12.2	19.8	18.1	22.0	17.3	10.3	10.1	10.7	14.2	20.8	22.9	14.8	7.7

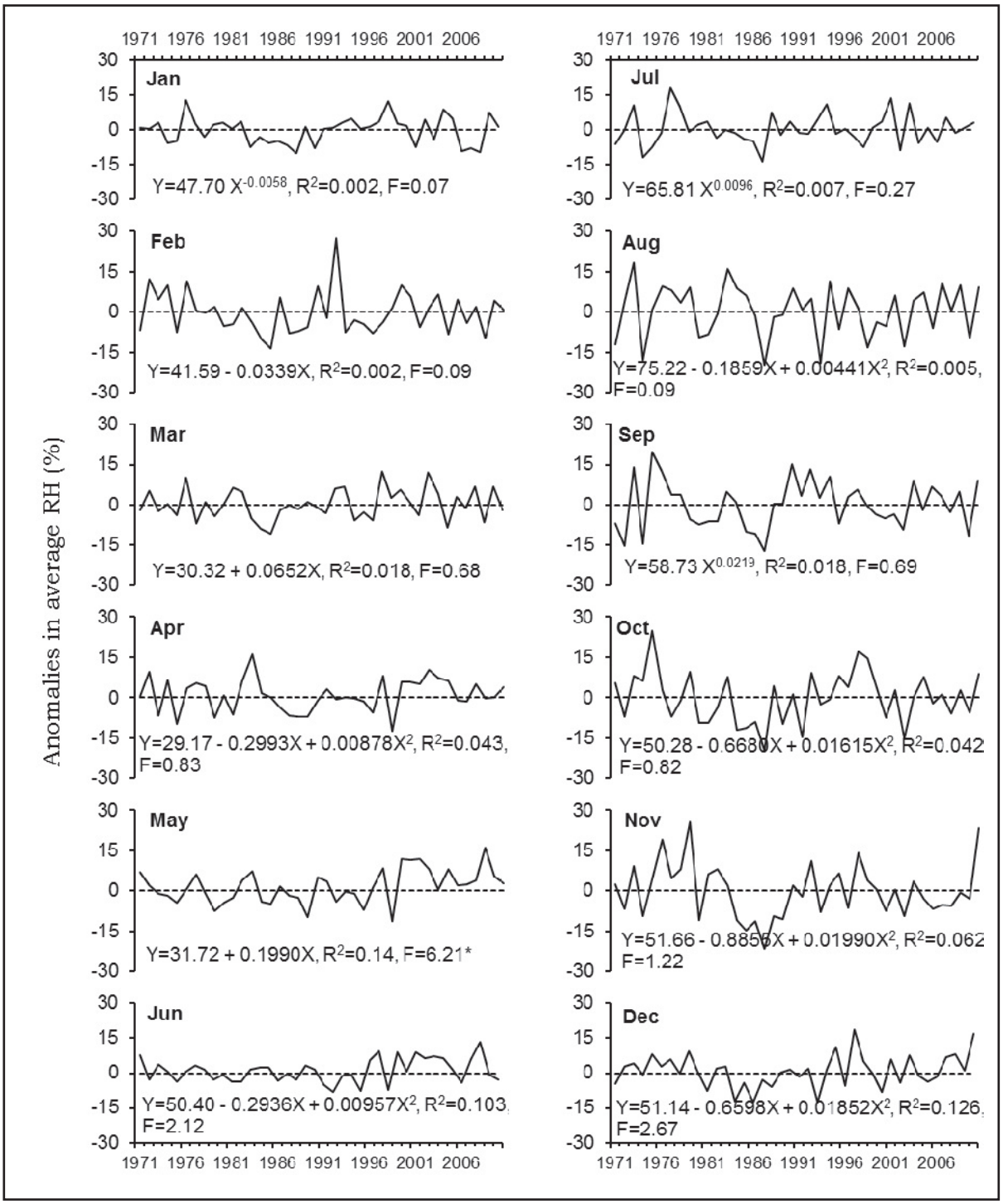

Fig. 25. Anomalies (solid line) and trend (regression equation) of RH-mean (%).

Table 79. Mean monthly and annual wind speed (kmph)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	6.3	6.7	6.8	9.2	14.9	17.9	12.7	12.2	8.1	6.6	5.1	5.8	9.4
1972	5.9	7.7	8.3	10.3	13.0	11.0	11.6	8.6	5.5	3.5	2.9	4.2	7.7
1973	6.8	8.4	8.7	9.1	13.6	18.5	13.5	10.7	5.9	4.0	3.7	6.4	9.1
1974	5.5	6.8	6.4	9.5	12.1	14.8	14.6	15.2	9.4	6.6	4.9	6.1	9.3
1975	6.5	8.3	8.2	8.6	14.9	15.1	12.6	8.5	6.3	5.3	4.7	4.3	8.6
1976	5.6	6.5	7.8	9.6	15.7	16.4	13.7	10.6	6.8	5.6	5.7	6.2	9.2
1977	6.7	6.5	3.5	10.3	14.1	13.6	11.2	10.7	8.9	5.3	5.6	4.4	8.4
1978	5.6	7.7	7.9	8.9	14.0	16.1	10.3	11.0	8.3	4.9	6.1	6.0	8.9
1979	7.2	7.3	9.0	9.1	11.9	14.3	15.9	10.0	7.8	6.1	6.1	5.7	9.2
1980	6.9	6.1	8.3	8.7	13.8	12.9	14.0	10.9	8.7	4.4	6.5	6.2	9.0
DMean	**6.3**	**7.2**	**7.5**	**9.3**	**13.8**	**15.1**	**13.0**	**10.8**	**7.6**	**5.2**	**5.1**	**5.5**	**8.9**
1981	7.0	7.6	9.4	9.6	13.6	16.7	16.1	12.8	9.6	7.2	5.9	7.3	10.2
1982	8.4	8.7	9.0	11.1	10.6	16.3	13.7	10.2	7.6	6.3	6.7	6.4	9.6
1983	6.3	7.1	9.4	10.5	11.7	11.9	12.3	8.7	5.5	4.9	3.7	5.1	8.1
1984	6.3	6.6	6.1	8.7	11.5	17.5	13.7	9.3	7.7	4.5	4.1	5.3	8.4
1985	6.0	5.8	6.8	10.3	12.1	18.1	14.0	9.6	8.2	6.1	4.6	5.6	9.0
1986	7.0	7.6	7.4	8.9	14.2	14.0	16.1	10.7	7.1	5.8	4.9	6.2	9.2
1987	6.6	5.5	6.8	9.1	12.0	13.8	16.1	14.0	10.9	6.0	5.3	6.3	9.4
1988	6.9	7.2	8.9	9.1	14.0	15.2	11.1	9.5	7.7	4.9	3.9	4.5	8.6
1989	4.3	5.7	6.4	7.5	10.4	12.8	14.2	9.2	6.4	4.4	4.7	4.9	7.6
1990	5.2	6.6	7.3	8.3	12.5	14.5	14.1	8.4	6.2	4.2	3.9	4.5	8.0
DMean	**6.4**	**6.8**	**7.7**	**9.3**	**12.2**	**15.1**	**14.2**	**10.3**	**7.7**	**5.4**	**4.8**	**5.6**	**8.8**
1991	4.3	5.3	6.1	6.8	10.6	11.8	11.0	10.3	6.8	3.9	4.4	3.7	7.1
1992	5.0	4.9	6.7	7.2	9.0	12.7	12.3	7.3	5.8	4.2	3.8	3.2	6.8
1993	4.6	4.9	7.2	6.9	11.6	12.1	10.5	10.8	6.8	4.3	4.2	4.2	7.4
1994	4.5	6.2	6.1	8.1	11.4	13.2	9.3	6.9	4.9	3.3	3.4	4.0	6.8
1995	4.5	5.0	6.3	6.7	8.6	12.5	11.7	10.0	5.2	4.5	3.5	4.7	7.0
1996	5.6	5.6	6.5	7.0	12.7	14.6	10.3	7.0	5.1	4.1	3.8	3.8	7.2
1997	4.5	5.2	6.5	7.5	11.6	11.0	11.7	8.0	5.4	4.8	5.2	5.1	7.2
1998	4.5	4.9	6.5	7.4	7.8	9.9	9.4	9.2	6.9	4.6	3.8	2.8	6.5
1999	4.4	6.3	5.7	6.8	11.5	13.5	12.0	8.4	7.7	3.8	3.1	4.0	7.3
2000	4.6	6.3	7.0	8.7	13.0	14.5	10.2	9.2	7.1	4.1	3.7	3.4	7.7
DMean	**4.7**	**5.4**	**6.5**	**7.3**	**10.8**	**12.6**	**10.8**	**8.7**	**6.2**	**4.2**	**3.9**	**3.9**	**7.1**
2001	4.7	5.3	6.1	7.9	13.1	12.7	8.9	6.7	5.1	4.0	3.8	3.3	6.8
2002	4.1	5.0	5.0	7.1	14.1	11.4	15.1	11.5	9.1	4.9	4.7	4.5	8.1
2003	6.3	7.0	6.2	7.3	12.4	15.1	9.0	8.0	5.7	3.7	4.4	4.3	7.4
2004	4.6	4.7	4.9	9.5	12.6	13.9	12.5	8.5	5.7	4.4	3.6	4.3	7.4
2005	5.4	6.4	6.5	7.3	9.8	10.9	10.2	8.0	5.7	3.1	2.7	3.8	6.6
2006	4.5	4.7	5.9	7.6	12.5	11.7	12.4	7.8	6.1	4.2	2.8	4.3	7.1
2007	3.3	5.5	5.5	7.0	11.0	11.6	9.2	7.4	5.4	3.5	2.4	3.9	6.3
2008	4.7	3.9	5.4	6.6	13.6	10.2	9.5	6.7	6.2	3.2	3.2	4.2	6.5
2009	4.7	4.9	6.2	6.7	11.8	11.8	9.5	9.5	8.0	5.7	4.4	4.8	7.4
2010	4.8	5.3	6.5	9.4	12.5	12.4	9.6	5.9	4.4	3.8	4.1	3.5	6.9
DMean	**4.7**	**5.3**	**5.8**	**7.7**	**12.4**	**12.2**	**10.6**	**8.0**	**6.1**	**4.0**	**3.6**	**4.1**	**7.0**
GMean	**5.5**	**6.2**	**6.9**	**8.4**	**12.3**	**13.7**	**12.2**	**9.5**	**6.9**	**4.7**	**4.4**	**4.8**	**8.0**
SD	1.1	1.2	1.3	1.2	1.7	2.2	2.2	2.0	1.5	1.0	1.1	1.1	1.1
CV	20.3	19.0	19.2	14.8	14.0	16.3	18.1	21.1	21.8	22.0	24.3	22.7	13.3

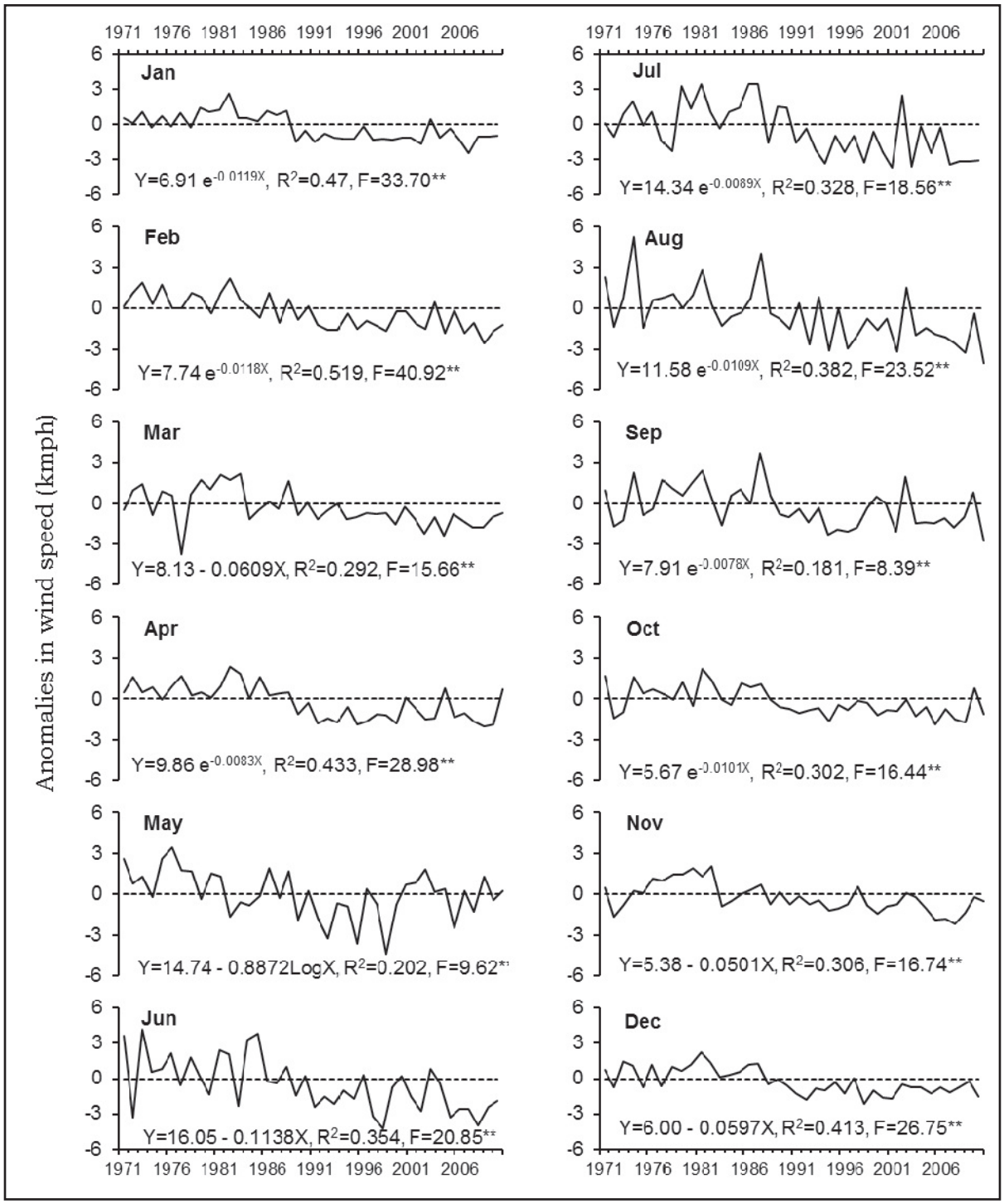

Fig. 26. Anomalies (solid line) and trend (regression equation) of wind speed (kmph).

Table 80. Mean monthly and annual sunshine hours (h)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971	9.5	9.8	9.0	9.5	8.9	4.5	2.9	4.2	7.7	8.3	8.8	9.0	7.6
1972	9.1	9.4	9.3	10.1	10.5	8.0	6.9	4.2	9.3	9.5	10.1	8.8	8.8
1973	9.0	8.7	9.2	9.5	9.8	6.1	4.7	2.2	6.2	9.5	9.1	8.9	7.7
1974	9.0	9.8	9.5	9.6	10.8	10.3	7.2	7.1	9.5	9.2	9.8	9.1	9.2
1975	8.9	9.1	9.7	9.8	10.9	9.1	5.7	6.2	6.1	9.1	10.0	9.6	8.7
1976	8.7	9.5	9.0	10.6	10.5	9.6	6.7	5.1	8.4	10.5	6.8	9.6	8.7
1977	9.1	10.0	10.3	10.2	10.2	8.6	5.7	5.4	8.4	9.5	9.0	9.1	8.8
1978	9.1	8.4	9.4	10.1	11.5	8.4	3.5	4.9	9.2	10.0	9.3	9.6	8.6
1979	9.3	9.7	9.6	10.6	10.6	10.5	7.1	7.3	9.9	9.4	7.3	8.6	9.1
1980	9.6	9.9	8.4	10.7	10.9	9.8	5.4	7.5	9.0	9.7	10.0	9.1	9.1
DMean	**9.1**	**9.4**	**9.3**	**10.1**	**10.5**	**8.5**	**5.6**	**5.4**	**8.4**	**9.5**	**9.0**	**9.1**	**8.7**
1981	9.2	9.9	8.2	10.0	11.0	9.5	4.4	6.2	8.3	9.5	9.0	9.2	8.7
1982	8.3	8.0	8.8	9.8	9.2	9.9	7.6	5.2	9.5	9.5	8.7	9.0	8.6
1983	9.3	9.4	8.7	8.9	10.3	9.5	6.5	5.7	7.4	8.9	10.0	9.1	8.6
1984	9.2	9.8	8.9	9.8	11.1	8.7	6.1	3.8	7.1	9.8	9.7	9.1	8.6
1985	8.9	9.9	8.9	9.8	10.6	9.6	5.7	4.2	8.4	9.2	9.8	8.6	8.6
1986	8.9	9.0	8.9	9.5	8.9	7.9	5.0	6.7	9.3	9.6	9.3	9.2	8.5
1987	9.2	9.6	8.4	9.9	8.9	9.5	8.5	6.1	8.4	9.6	10.0	8.9	8.9
1988	8.7	9.4	8.4	8.9	9.8	6.9	5.1	6.5	8.3	9.7	10.0	8.9	8.4
1989	9.5	9.9	9.0	10.6	10.6	8.7	7.0	6.0	9.4	10.4	9.5	9.1	9.1
1990	9.7	7.6	9.7	10.3	10.4	9.3	5.3	6.1	8.4	9.9	9.9	9.1	8.8
DMean	**9.1**	**9.2**	**8.8**	**9.7**	**10.1**	**8.9**	**6.1**	**5.7**	**8.5**	**9.6**	**9.6**	**9.0**	**8.7**
1991	9.6	8.8	9.4	10.0	10.3	9.7	7.0	5.8	8.3	10.0	8.8	8.8	8.9
1992	7.9	9.1	7.8	9.8	9.8	9.8	6.5	5.5	7.8	9.3	9.6	9.0	8.5
1993	8.7	9.2	9.1	9.4	9.2	9.4	5.8	9.3	8.3	8.9	8.7	9.0	8.8
1994	8.1	9.8	9.8	9.6	10.4	8.4	3.9	3.5	7.2	9.8	9.4	9.2	8.2
1995	8.6	9.5	9.2	10.2	10.9	10.1	6.0	4.8	9.7	9.2	9.5	8.8	8.9
1996	9.1	9.6	8.7	10.1	10.4	7.3	6.6	4.4	7.8	8.0	9.3	8.7	8.3
1997	8.6	9.4	6.9	9.1	10.0	8.9	4.8	6.0	7.1	8.4	7.9	8.8	8.0
1998	8.2	8.5	8.7	10.2	10.5	7.9	5.7	7.2	8.3	8.9	8.9	8.8	8.5
1999	8.8	9.1	10.2	10.9	10.2	8.9	6.2	6.0	8.6	9.1	9.6	8.8	8.9
2000	9.3	9.5	10.2	10.7	10.4	7.8	4.4	6.0	6.9	8.5	7.7	8.5	8.3
DMean	**8.7**	**9.3**	**9.0**	**10.0**	**10.2**	**8.8**	**5.7**	**5.9**	**8.0**	**9.0**	**8.9**	**8.8**	**8.5**
2001	9.0	9.3	8.3	9.2	10.6	8.2	3.3	6.3	8.6	9.5	9.8	9.5	8.5
2002	8.6	8.6	8.6	9.1	9.7	8.1	7.6	5.9	9.0	9.2	8.1	9.0	8.5
2003	9.0	8.6	8.7	9.9	10.2	7.3	5.0	5.9	8.3	9.9	9.5	9.3	8.5
2004	8.7	10.2	10.2	10.2	9.0	8.2	7.0	5.6	8.6	8.6	9.2	8.2	8.6
2005	8.1	8.8	9.6	9.5	10.3	8.6	6.5	7.4	7.1	9.7	9.3	9.0	8.6
2006	8.8	9.6	8.7	9.4	10.0	7.7	3.3	4.3	8.2	9.2	8.3	8.6	8.0
2007	9.0	9.0	9.0	9.6	10.5	8.1	6.4	5.8	7.9	9.4	9.1	8.2	8.5
2008	7.9	9.2	8.8	9.6	9.7	7.2	6.0	4.9	8.5	9.6	8.8	7.0	8.1
2009	8.0	9.4	9.2	9.8	10.4	8.3	6.0	6.9	9.7	9.4	8.1	8.1	8.6
2010	8.6	9.1	8.9	9.6	9.6	8.2	6.3	4.6	6.8	9.1	6.3	8.1	7.9
DMean	**8.6**	**9.2**	**9.0**	**9.6**	**10.0**	**8.0**	**5.8**	**5.8**	**8.2**	**9.4**	**8.7**	**8.5**	**8.4**
GMean	**8.9**	**9.3**	**9.0**	**9.8**	**10.2**	**8.6**	**5.8**	**5.7**	**8.3**	**9.4**	**9.1**	**8.9**	**8.6**
SD	0.5	0.6	0.7	0.5	0.6	1.2	1.3	1.3	1.0	0.5	0.9	0.5	0.4
CV	5.4	6.2	7.4	5.1	6.4	13.9	22.2	22.7	11.5	5.7	9.9	5.5	4.3

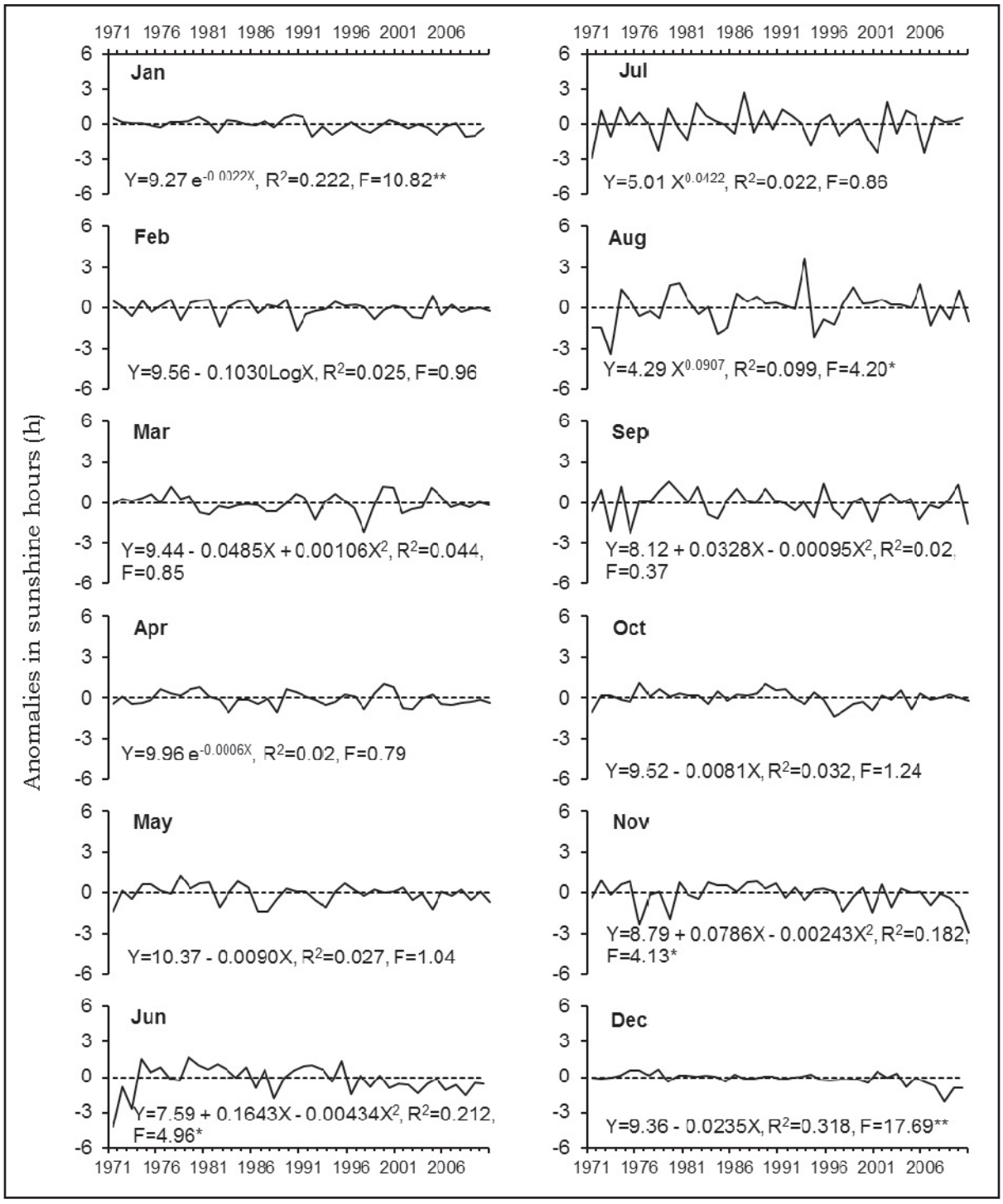

Fig. 27. Anomalies (solid line) and trend (regression equation) of sunshine hours (h).

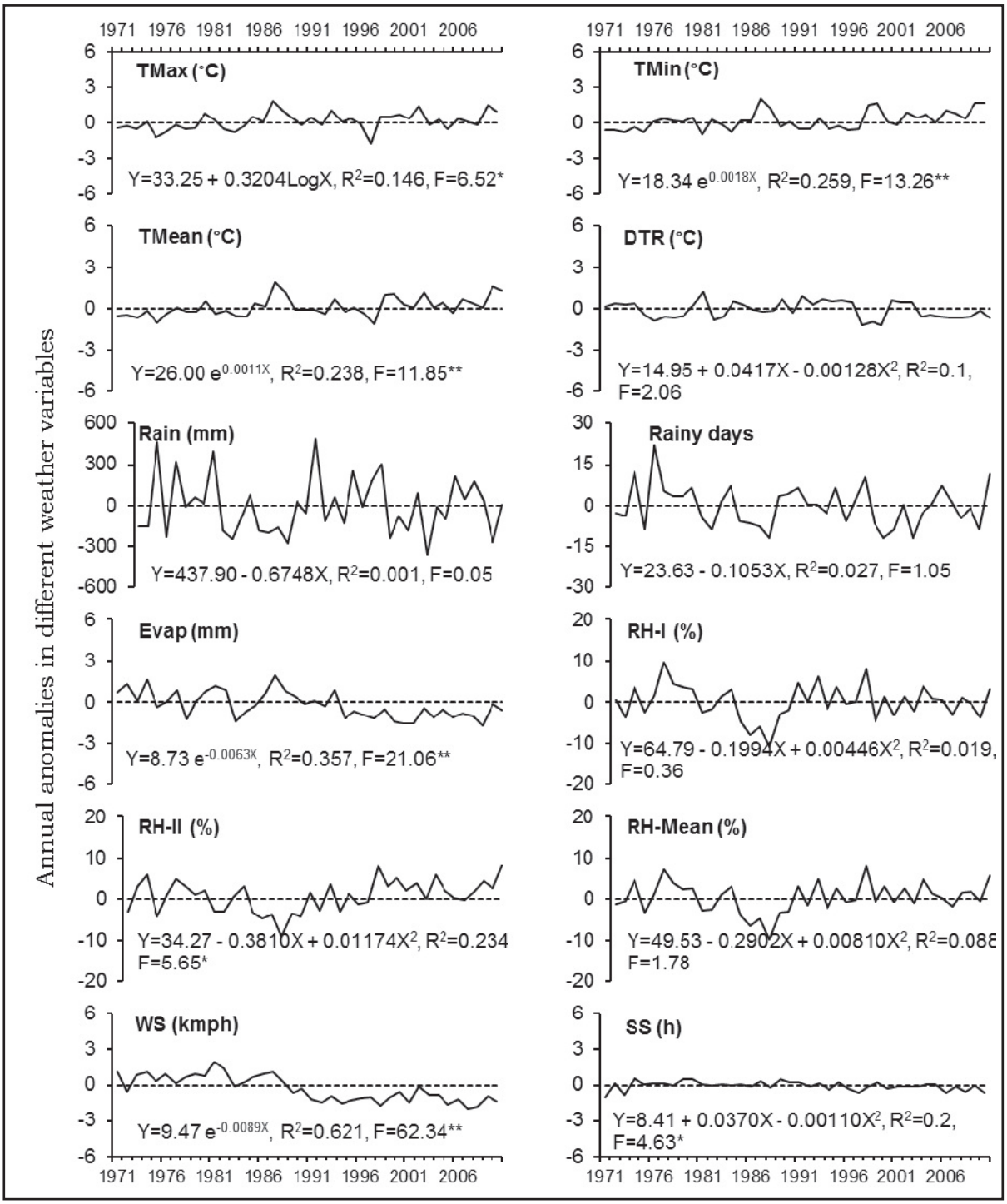

Fig. 28. Annual anomalies (solid line) and trend (regression equation) of different weather variables.

Table 81. Top ten extreme values of different weather variables

S.No.	Day	Month	Year	Highest TMax (°C)	Day	Month	Year	Lowest TMin (°C)
1	4	6	1991	48.8	7	2	1974	-2.9
2	7	6	1994	48.5	31	12	1990	-2.5
3	3	6	1991	48.1	12	1	1992	-1.5
4	30	5	1994	48.0	2	1	1991	-0.5
5	18	5	1998	47.8	3	1	1991	-0.4
6	24	5	2010	47.8	6	2	1974	-0.3
7	16	5	1989	47.5	1	1	1991	0.0
8	6	6	1991	47.5	20	2	2005	0.1
9	20	6	1992	47.5	14	12	1986	0.3
10	29	5	1994	47.5	8	2	2008	0.3

S.No.	Day	Month	Year	Highest rainfall (mm)	Day	Month	Year	Highest evaporation (mm)
1	5	7	2007	320.0	19	6	1972	29.6
2	2	7	1994	223.3	23	5	1988	27.4
3	8	8	1997	196.6	7	6	1987	27.1
4	30	7	1992	180.6	30	4	1974	27.0
5	19	8	1973	180.0	6	5	1973	26.4
6	5	7	1990	176.0	9	5	1993	26.4
7	5	8	1996	165.0	12	5	1998	26.2
8	17	7	1979	155.0	20	6	1986	24.8
9	18	7	1979	150.0	22	6	1988	24.6
10	26	7	1995	145.0	30	4	1987	24.3

S.No.	Day	Month	Year	Highest wind speed (kmph)
1	16	6	1973	41.1
2	19	8	1973	37.1
3	11	6	1971	34.3
4	13	6	1976	33.7
5	26	6	1978	32.2
6	17	6	1973	32.0
7	2	7	1979	31.3
8	10	6	1971	31.1
9	12	6	1971	31.1
10	30	6	1996	30.8

CROP WEATHER CALENDARS

Table 82. Crop weather calendar for pearl millet/sorghum crop

Weekly normal weather	Rainfall (mm)	9.8	16.7	39.2	23.8	41.9	38.8	47.2	32.3	34.1	23.1	21.5	13.5	10.7	3.2	8.9	3.0	2.2	3.1	3.2
	Maximum temperature ^{0}C)	39.6	38.6	37.2	36.2	34.9	34.2	33.8	33.3	33.2	33.7	33.9	34.2	34.8	36.1	36.6	37.1	36.7	36.1	35.2
	Minimum temperature (^{0}C)	28.0	27.6	27.3	26.8	26.3	26.0	25.8	25.5	25.2	25.0	24.7	24.6	24.1	23.7	22.8	21.7	20.7	18.6	17.1
	Sunshine hours (h)	7.8	7.0	7.0	5.9	5.3	5.0	5.1	5.0	5.4	6.3	6.7	7.5	8.2	9.0	8.9	9.3	9.2	9.6	9.3
Life history and dates of important epochs of crop growth																				
Standard weeks		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Month		June			July				August				September				October			

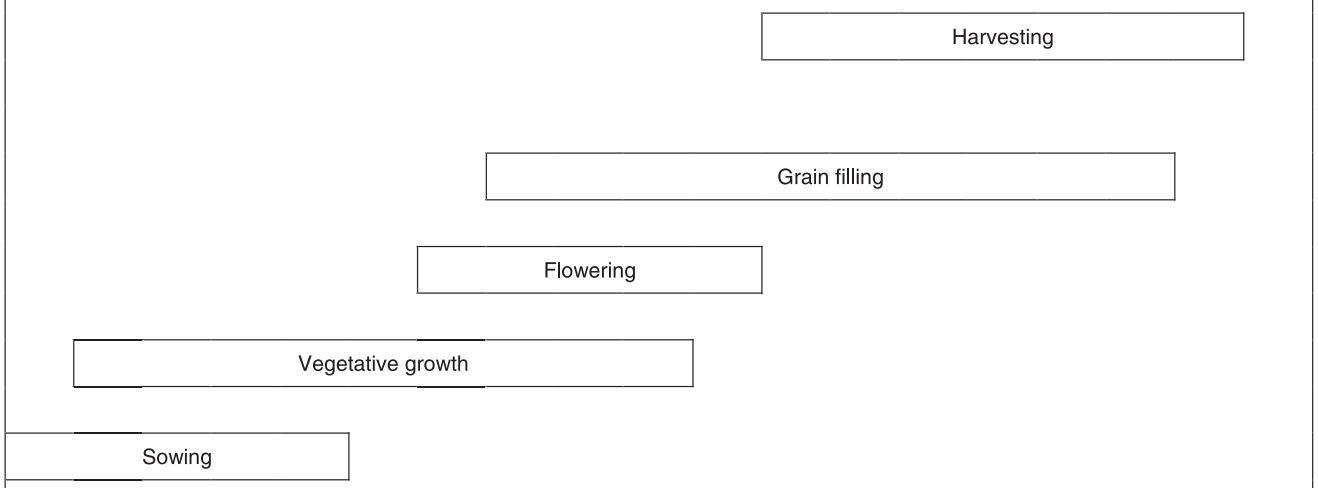

Table 83. Crop weather calendar for mustard crop

Weekly normal weather	Rainfall (mm)	3.1	3.2	0.6	0.3	1.3	1.7	0.0	0.1	0.5	0.4	0.4	0.5	0.7	0.5	0.0	0.5	0.8	1.5	0.8	0.8	0.4
	Maximum temperature (^{0}C)	36.1	35.2	34.3	33.3	31.9	30.6	29.2	28.5	27.7	27.2	26.0	25.4	25.2	25.5	26.2	26.4	27.3	28.3	29.7	31.3	32.6
	Minimum temperature (^{0}C)	18.6	17.1	15.8	14.7	13.7	12.4	10.5	9.6	9.1	8.7	8.1	7.1	7.5	7.5	8.1	8.0	9.1	10.4	11.6	13.4	14.3
	Sunshine hours (h)	9.6	9.3	9.3	9.3	8.8	8.9	9.2	9.1	8.9	8.7	8.6	8.8	8.8	8.8	9.1	9.0	9.1	9.3	9.4	9.3	9.1
Life history and dates of important epochs of crop growth																					Harvesting	
																					Pod filling	
																					Flowering	
																					Vegetative growth	
		Sowing																				
Standard weeks		42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10
Month			Oct			Nov				Dec				Jan				Feb			March	


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